Below 1GHz Data:

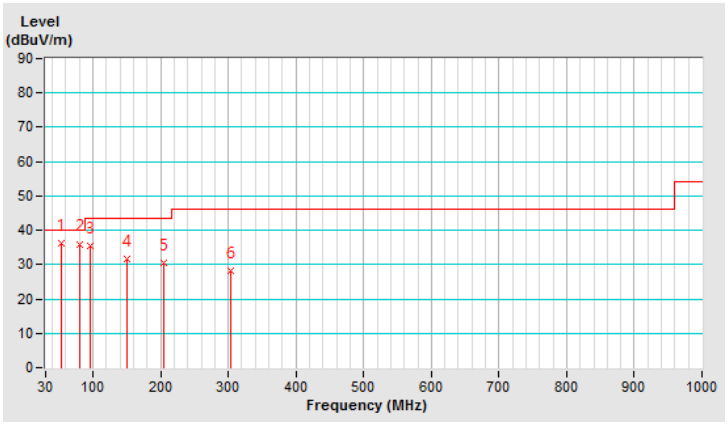
802.11g

CHANNEL	TX Channel 6	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	53.30	36.2 QP	40.0	-3.8	1.50 H	222	44.1	-7.9
2	80.08	36.0 QP	40.0	-4.0	2.00 H	32	48.6	-12.6
3	95.03	35.6 QP	43.5	-7.9	2.00 H	291	48.4	-12.8
4	150.21	31.6 QP	43.5	-11.9	1.50 H	46	38.7	-7.1
5	203.98	30.5 QP	43.5	-13.0	1.50 H	95	40.7	-10.2
6	303.99	28.3 QP	46.0	-17.7	1.00 H	221	34.5	-6.2

REMARKS:

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

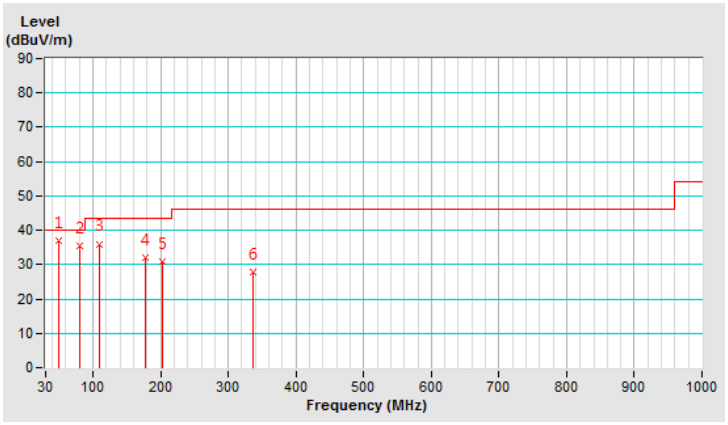


CHANNEL	TX Channel 6	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	49.14	36.9 QP	40.0	-3.1	1.50 V	227	44.6	-7.7
2	79.61	35.6 QP	40.0	-4.4	3.00 V	22	48.1	-12.5
3	109.39	36.0 QP	43.5	-7.5	1.00 V	297	46.4	-10.4
4	177.72	32.0 QP	43.5	-11.5	1.00 V	11	40.4	-8.4
5	202.20	30.9 QP	43.5	-12.6	1.00 V	93	41.2	-10.3
6	335.92	27.7 QP	46.0	-18.3	1.50 V	244	33.0	-5.3

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 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.



4.1.9 Test Results (Mode 3)

Above 1GHz Data：

802.11b

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	56.7 PK	74.0	-17.3	2.03 H	194	59.1	-2.4
2	2390.00	46.0 AV	54.0	-8.0	2.03 H	194	48.4	-2.4
3	*2412.00	122.0 PK			2.03 H	194	124.4	-2.4
4	*2412.00	116.4 AV			2.03 H	194	118.8	-2.4
5	4824.00	49.7 PK	74.0	-24.3	1.00 H	325	47.5	2.2
6	4824.00	48.1 AV	54.0	-5.9	1.00 H	325	45.9	2.2
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	2390.00	58.4 PK	74.0	-15.6	1.00 V	157	60.8	-2.4
2	2390.00	45.3 AV	54.0	-8.7	1.00 V	157	47.7	-2.4
3	*2412.00	121.5 PK			1.00 V	157	123.9	-2.4
4	*2412.00	115.9 AV			1.00 V	157	118.3	-2.4
5	4824.00	55.4 PK	74.0	-18.6	1.00 V	286	53.2	2.2
6	4824.00	53.6 AV	54.0	-0.4	1.00 V	286	51.4	2.2

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.

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	58.5 PK	74.0	-15.5	1.55 H	197	60.9	-2.4
2	2390.00	44.9 AV	54.0	-9.1	1.55 H	197	47.3	-2.4
3	*2437.00	122.5 PK			1.55 H	197	124.9	-2.4
4	*2437.00	116.7 AV			1.55 H	197	119.1	-2.4
5	2483.50	55.4 PK	74.0	-18.6	1.55 H	197	57.9	-2.5
6	2483.50	44.8 AV	54.0	-9.2	1.55 H	197	47.3	-2.5
7	4874.00	52.8 PK	74.0	-21.2	1.10 H	325	50.7	2.1
8	4874.00	51.5 AV	54.0	-2.5	1.10 H	325	49.4	2.1
9	7311.00	44.6 PK	74.0	-29.4	1.01 H	156	36.5	8.1
10	7311.00	34.6 AV	54.0	-19.4	1.01 H	156	26.5	8.1
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	2390.00	56.0 PK	74.0	-18.0	1.56 V	160	58.4	-2.4
2	2390.00	44.7 AV	54.0	-9.3	1.56 V	160	47.1	-2.4
3	*2437.00	121.8 PK			1.56 V	160	124.2	-2.4
4	*2437.00	116.2 AV			1.56 V	160	118.6	-2.4
5	2483.50	56.9 PK	74.0	-17.1	1.56 V	160	59.4	-2.5
6	2483.50	44.8 AV	54.0	-9.2	1.56 V	160	47.3	-2.5
7	4874.00	55.5 PK	74.0	-18.5	1.00 V	248	53.4	2.1
8	4874.00	53.7 AV	54.0	-0.3	1.00 V	248	51.6	2.1
9	7311.00	45.2 PK	74.0	-28.8	1.00 V	178	37.1	8.1
10	7311.00	34.9 AV	54.0	-19.1	1.00 V	178	26.8	8.1

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.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2462.00	122.1 PK			2.04 H	195	124.6	-2.5
2	*2462.00	116.4 AV			2.04 H	195	118.9	-2.5
3	2483.50	60.7 PK	74.0	-13.3	2.04 H	195	63.2	-2.5
4	2483.50	52.6 AV	54.0	-1.4	2.04 H	195	55.1	-2.5
5	4924.00	47.3 PK	74.0	-26.7	1.47 H	307	45.2	2.1
6	4924.00	44.9 AV	54.0	-9.1	1.47 H	307	42.8	2.1
7	7386.00	47.9 PK	74.0	-26.1	1.45 H	335	39.6	8.3
8	7386.00	40.6 AV	54.0	-13.4	1.45 H	335	32.3	8.3
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	*2462.00	121.6 PK			2.08 V	195	124.1	-2.5
2	*2462.00	115.9 AV			2.08 V	195	118.4	-2.5
3	2483.50	60.1 PK	74.0	-13.9	2.08 V	195	62.6	-2.5
4	2483.50	51.2 AV	54.0	-2.8	2.08 V	195	53.7	-2.5
5	4924.00	55.6 PK	74.0	-18.4	1.00 V	280	53.5	2.1
6	4924.00	53.6 AV	54.0	-0.4	1.00 V	280	51.5	2.1
7	7386.00	48.9 PK	74.0	-25.1	1.19 V	105	40.6	8.3
8	7386.00	43.5 AV	54.0	-10.5	1.19 V	105	35.2	8.3

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.

802.11g

CHANNEL	TX Channel 1	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	63.9 PK	74.0	-10.1	2.06 H	184	66.3	-2.4
2	2390.00	53.8 AV	54.0	-0.2	2.06 H	184	56.2	-2.4
3	*2412.00	121.4 PK			2.06 H	184	123.8	-2.4
4	*2412.00	113.3 AV			2.06 H	184	115.7	-2.4
5	4824.00	47.7 PK	74.0	-26.3	1.44 H	301	45.5	2.2
6	4824.00	45.2 AV	54.0	-8.8	1.44 H	301	43.0	2.2
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	2390.00	63.2 PK	74.0	-10.8	3.04 V	205	65.6	-2.4
2	2390.00	53.4 AV	54.0	-0.6	3.04 V	205	55.8	-2.4
3	*2412.00	120.1 PK			3.04 V	205	122.5	-2.4
4	*2412.00	112.9 AV			3.04 V	205	115.3	-2.4
5	4824.00	54.2 PK	74.0	-19.8	1.00 V	269	52.0	2.2
6	4824.00	52.3 AV	54.0	-1.7	1.00 V	269	50.1	2.2

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.

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	61.7 PK	74.0	-12.3	2.03 H	191	64.1	-2.4
2	2390.00	52.7 AV	54.0	-1.3	2.03 H	191	55.1	-2.4
3	*2437.00	122.6 PK			2.03 H	191	125.0	-2.4
4	*2437.00	115.2 AV			2.03 H	191	117.6	-2.4
5	2483.50	65.9 PK	74.0	-8.1	2.03 H	191	68.4	-2.5
6	2483.50	53.6 AV	54.0	-0.4	2.03 H	191	56.1	-2.5
7	4874.00	47.4 PK	74.0	-26.6	1.48 H	299	45.3	2.1
8	4874.00	45.0 AV	54.0	-9.0	1.48 H	299	42.9	2.1
9	7311.00	48.4 PK	74.0	-25.6	1.46 H	346	40.3	8.1
10	7311.00	41.1 AV	54.0	-12.9	1.46 H	346	33.0	8.1
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	2390.00	60.5 PK	74.0	-13.5	3.04 V	221	62.9	-2.4
2	2390.00	52.5 AV	54.0	-1.5	3.04 V	221	54.9	-2.4
3	*2437.00	121.2 PK			3.04 V	221	123.6	-2.4
4	*2437.00	114.8 AV			3.04 V	221	117.2	-2.4
5	2483.50	65.2 PK	74.0	-8.8	3.04 V	221	67.7	-2.5
6	2483.50	53.2 AV	54.0	-0.8	3.04 V	221	55.7	-2.5
7	4874.00	60.9 PK	74.0	-13.1	1.00 V	285	58.8	2.1
8	4874.00	50.3 AV	54.0	-3.7	1.00 V	285	48.2	2.1
9	7311.00	54.6 PK	74.0	-19.4	1.01 V	278	46.5	8.1
10	7311.00	41.0 AV	54.0	-13.0	1.01 V	278	32.9	8.1

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.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2462.00	120.5 PK			2.01 H	175	123.0	-2.5
2	*2462.00	111.9 AV			2.01 H	175	114.4	-2.5
3	2483.50	65.7 PK	74.0	-8.3	2.01 H	175	68.2	-2.5
4	2483.50	53.6 AV	54.0	-0.4	2.01 H	175	56.1	-2.5
5	4924.00	47.9 PK	74.0	-26.1	1.48 H	291	45.8	2.1
6	4924.00	45.2 AV	54.0	-8.8	1.48 H	291	43.1	2.1
7	7386.00	48.9 PK	74.0	-25.1	1.49 H	355	40.6	8.3
8	7386.00	41.4 AV	54.0	-12.6	1.49 H	355	33.1	8.3
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	*2462.00	119.8 PK			2.12 V	179	122.3	-2.5
2	*2462.00	111.5 AV			2.12 V	179	114.0	-2.5
3	2483.50	65.2 PK	74.0	-8.8	2.12 V	179	67.7	-2.5
4	2483.50	53.2 AV	54.0	-0.8	2.12 V	179	55.7	-2.5
5	4924.00	61.0 PK	74.0	-13.0	1.05 V	276	58.9	2.1
6	4924.00	50.4 AV	54.0	-3.6	1.05 V	276	48.3	2.1
7	7386.00	54.4 PK	74.0	-19.6	1.01 V	293	46.1	8.3
8	7386.00	40.8 AV	54.0	-13.2	1.01 V	293	32.5	8.3

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.

802.11ax (HE20)

CHANNEL	TX Channel 1	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	62.3 PK	74.0	-11.7	1.68 H	192	64.7	-2.4
2	2390.00	53.6 AV	54.0	-0.4	1.68 H	192	56.0	-2.4
3	*2412.00	119.7 PK			1.68 H	192	122.1	-2.4
4	*2412.00	107.8 AV			1.68 H	192	110.2	-2.4
5	4824.00	48.4 PK	74.0	-25.6	1.46 H	298	46.2	2.2
6	4824.00	45.7 AV	54.0	-8.3	1.46 H	298	43.5	2.2
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	2390.00	61.8 PK	74.0	-12.2	1.73 V	201	64.2	-2.4
2	2390.00	53.1 AV	54.0	-0.9	1.73 V	201	55.5	-2.4
3	*2412.00	119.2 PK			1.73 V	201	121.6	-2.4
4	*2412.00	107.2 AV			1.73 V	201	109.6	-2.4
5	4824.00	61.2 PK	74.0	-12.8	1.01 V	282	59.0	2.2
6	4824.00	50.5 AV	54.0	-3.5	1.01 V	282	48.3	2.2

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.

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	63.3 PK	74.0	-10.7	1.42 H	187	65.7	-2.4
2	2390.00	53.6 AV	54.0	-0.4	1.42 H	187	56.0	-2.4
3	*2437.00	123.1 PK			1.42 H	187	125.5	-2.4
4	*2437.00	111.2 AV			1.42 H	187	113.6	-2.4
5	2483.50	65.9 PK	74.0	-8.1	1.42 H	187	68.4	-2.5
6	2483.50	52.7 AV	54.0	-1.3	1.42 H	187	55.2	-2.5
7	4874.00	47.7 PK	74.0	-26.3	1.50 H	301	45.6	2.1
8	4874.00	44.8 AV	54.0	-9.2	1.50 H	301	42.7	2.1
9	7311.00	48.7 PK	74.0	-25.3	1.50 H	360	40.6	8.1
10	7311.00	41.5 AV	54.0	-12.5	1.50 H	360	33.4	8.1
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	2390.00	63.1 PK	74.0	-10.9	1.36 V	183	65.5	-2.4
2	2390.00	53.2 AV	54.0	-0.8	1.36 V	183	55.6	-2.4
3	*2437.00	122.8 PK			1.36 V	183	125.2	-2.4
4	*2437.00	110.2 AV			1.36 V	183	112.6	-2.4
5	2483.50	65.2 PK	74.0	-8.8	1.36 V	183	67.7	-2.5
6	2483.50	51.6 AV	54.0	-2.4	1.36 V	183	54.1	-2.5
7	4874.00	61.0 PK	74.0	-13.0	1.10 V	282	58.9	2.1
8	4874.00	50.6 AV	54.0	-3.4	1.10 V	282	48.5	2.1
9	7311.00	53.6 PK	74.0	-20.4	1.00 V	305	45.5	8.1
10	7311.00	40.3 AV	54.0	-13.7	1.00 V	305	32.2	8.1

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.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2462.00	118.7 PK			2.00 H	176	121.2	-2.5
2	*2462.00	107.4 AV			2.00 H	176	109.9	-2.5
3	2483.50	63.9 PK	74.0	-10.1	2.00 H	176	66.4	-2.5
4	2483.50	53.8 AV	54.0	-0.2	2.00 H	176	56.3	-2.5
5	4924.00	47.4 PK	74.0	-26.6	1.45 H	300	45.3	2.1
6	4924.00	44.4 AV	54.0	-9.6	1.45 H	300	42.3	2.1
7	7386.00	48.2 PK	74.0	-25.8	1.47 H	360	39.9	8.3
8	7386.00	41.2 AV	54.0	-12.8	1.47 H	360	32.9	8.3
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	*2462.00	117.9 PK			2.00 V	174	120.4	-2.5
2	*2462.00	106.8 AV			2.00 V	174	109.3	-2.5
3	2483.50	63.7 PK	74.0	-10.3	2.00 V	174	66.2	-2.5
4	2483.50	53.8 AV	54.0	-0.2	2.00 V	174	56.3	-2.5
5	4924.00	60.9 PK	74.0	-13.1	2.05 V	301	58.8	2.1
6	4924.00	50.5 AV	54.0	-3.5	2.05 V	301	48.4	2.1
7	7386.00	53.8 PK	74.0	-20.2	1.78 V	286	45.5	8.3
8	7386.00	40.5 AV	54.0	-13.5	1.78 V	286	32.2	8.3

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.

802.11ax (HE40)

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	64.1 PK	74.0	-9.9	2.00 H	186	66.5	-2.4
2	**2390.00**	**53.9 AV**	**54.0**	**-0.1**	**2.00 H**	**186**	**56.3**	**-2.4**
3	*2422.00	114.3 PK			2.00 H	186	116.7	-2.4
4	*2422.00	103.4 AV			2.00 H	186	105.8	-2.4
5	4844.00	47.8 PK	74.0	-26.2	1.56 H	311	45.6	2.2
6	4844.00	44.9 AV	54.0	-9.1	1.56 H	311	42.7	2.2
7	7266.00	49.0 PK	74.0	-25.0	1.53 H	360	41.0	8.0
8	7266.00	41.9 AV	54.0	-12.1	1.53 H	360	33.9	8.0
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	2390.00	63.9 PK	74.0	-10.1	1.93 V	170	66.3	-2.4
2	2390.00	52.4 AV	54.0	-1.6	1.93 V	170	54.8	-2.4
3	*2422.00	113.2 PK			1.93 V	170	115.6	-2.4
4	*2422.00	101.5 AV			1.93 V	170	103.9	-2.4
5	4844.00	61.3 PK	74.0	-12.7	1.08 V	286	59.1	2.2
6	4844.00	50.9 AV	54.0	-3.1	1.08 V	286	48.7	2.2
7	7266.00	53.8 PK	74.0	-20.2	1.00 V	310	45.8	8.0
8	7266.00	40.5 AV	54.0	-13.5	1.00 V	310	32.5	8.0

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 6	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	63.7 PK	74.0	-10.3	1.64 H	178	66.1	-2.4
2	2390.00	53.0 AV	54.0	-1.0	1.64 H	178	55.4	-2.4
3	*2437.00	116.5 PK			1.64 H	178	118.9	-2.4
4	*2437.00	105.5 AV			1.64 H	178	107.9	-2.4
5	2483.50	64.5 PK	74.0	-9.5	1.64 H	178	67.0	-2.5
6	2483.50	53.7 AV	54.0	-0.3	1.64 H	178	56.2	-2.5
7	4874.00	48.4 PK	74.0	-25.6	1.58 H	315	46.3	2.1
8	4874.00	45.4 AV	54.0	-8.6	1.58 H	315	43.3	2.1
9	7311.00	48.7 PK	74.0	-25.3	1.55 H	355	40.6	8.1
10	7311.00	41.5 AV	54.0	-12.5	1.55 H	355	33.4	8.1
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	2390.00	63.2 PK	74.0	-10.8	1.76 V	188	65.6	-2.4
2	2390.00	52.4 AV	54.0	-1.6	1.76 V	188	54.8	-2.4
3	*2437.00	115.9 PK			1.76 V	188	118.3	-2.4
4	*2437.00	104.7 AV			1.76 V	188	107.1	-2.4
5	2483.50	63.4 PK	74.0	-10.6	1.76 V	188	65.9	-2.5
6	2483.50	53.1 AV	54.0	-0.9	1.76 V	188	55.6	-2.5
7	4874.00	61.6 PK	74.0	-12.4	1.10 V	270	59.5	2.1
8	4874.00	51.0 AV	54.0	-3.0	1.10 V	270	48.9	2.1
9	7311.00	54.5 PK	74.0	-19.5	1.00 V	309	46.4	8.1
10	7311.00	40.9 AV	54.0	-13.1	1.00 V	309	32.8	8.1

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.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2452.00	115.2 PK			2.08 H	187	117.7	-2.5
2	*2452.00	103.5 AV			2.08 H	187	106.0	-2.5
3	2483.50	63.4 PK	74.0	-10.6	2.08 H	187	65.9	-2.5
4	2483.50	53.7 AV	54.0	-0.3	2.08 H	187	56.2	-2.5
5	4904.00	47.8 PK	74.0	-26.2	1.61 H	300	45.8	2.0
6	4904.00	45.0 AV	54.0	-9.0	1.61 H	300	43.0	2.0
7	7356.00	49.1 PK	74.0	-24.9	1.52 H	339	40.9	8.2
8	7356.00	41.9 AV	54.0	-12.1	1.52 H	339	33.7	8.2
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	*2452.00	114.9 PK			2.12 V	196	117.4	-2.5
2	*2452.00	102.8 AV			2.12 V	196	105.3	-2.5
3	2483.50	63.1 PK	74.0	-10.9	2.12 V	196	65.6	-2.5
4	2483.50	53.2 AV	54.0	-0.8	2.12 V	196	55.7	-2.5
5	4904.00	61.5 PK	74.0	-12.5	1.37 V	215	59.5	2.0
6	4904.00	50.7 AV	54.0	-3.3	1.37 V	215	48.7	2.0
7	7356.00	54.7 PK	74.0	-19.3	1.56 V	204	46.5	8.2
8	7356.00	40.9 AV	54.0	-13.1	1.56 V	204	32.7	8.2

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.

Below 1GHz Data:

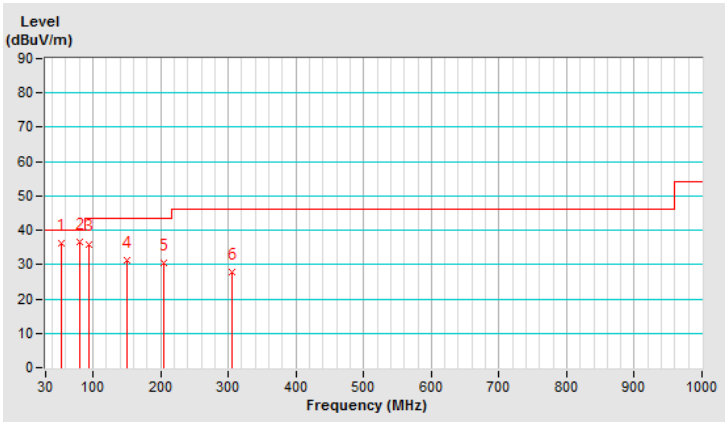
802.11ax (HE20)

CHANNEL	TX Channel 6	**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	53.27	36.1 QP	40.0	-3.9	1.50 H	235	43.9	-7.8
2	80.44	36.6 QP	40.0	-3.4	2.00 H	27	49.3	-12.7
3	94.67	36.0 QP	43.5	-7.5	2.50 H	290	48.9	-12.9
4	149.68	31.4 QP	43.5	-12.1	1.50 H	51	38.5	-7.1
5	204.46	30.5 QP	43.5	-13.0	1.50 H	81	40.7	-10.2
6	304.59	27.9 QP	46.0	-18.1	1.00 H	218	34.1	-6.2

REMARKS:

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

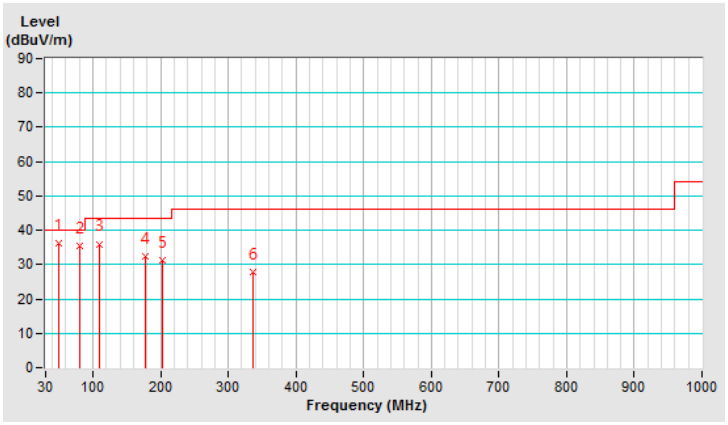


CHANNEL	TX Channel 6	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	48.79	36.1 QP	40.0	-3.9	1.50 V	243	43.8	-7.7
2	79.69	35.6 QP	40.0	-4.4	3.00 V	27	48.1	-12.5
3	110.24	36.0 QP	43.5	-7.5	1.50 V	310	46.3	-10.3
4	177.13	32.4 QP	43.5	-11.1	1.50 V	34	40.8	-8.4
5	203.00	31.2 QP	43.5	-12.3	1.00 V	101	41.4	-10.2
6	336.26	27.9 QP	46.0	-18.1	1.50 V	254	33.2	-5.3

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 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.



4.1.10 Test Results (Mode 4)

Above 1GHz Data：

802.11b

CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	60.3 PK	74.0	-13.7	2.29 H	172	61.9	-1.6
2	2390.00	49.7 AV	54.0	-4.3	2.29 H	172	51.3	-1.6
3	*2412.00	121.2 PK			2.29 H	172	122.9	-1.7
4	*2412.00	118.7 AV			2.29 H	172	120.4	-1.7
5	4824.00	51.2 PK	74.0	-22.8	1.54 H	61	48.9	2.3
6	4824.00	49.8 AV	54.0	-4.2	1.54 H	61	47.5	2.3
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	2390.00	58.7 PK	74.0	-15.3	2.14 V	172	60.3	-1.6
2	2390.00	49.3 AV	54.0	-4.7	2.14 V	172	50.9	-1.6
3	*2412.00	120.3 PK			2.14 V	172	122.0	-1.7
4	*2412.00	117.4 AV			2.14 V	172	119.1	-1.7
5	4824.00	55.0 PK	74.0	-19.0	1.37 V	243	52.7	2.3
6	4824.00	53.6 AV	54.0	-0.4	1.37 V	243	51.3	2.3

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.

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	62.6 PK	74.0	-11.4	2.46 H	174	64.2	-1.6
2	2390.00	47.1 AV	54.0	-6.9	2.46 H	174	48.7	-1.6
3	*2437.00	122.5 PK			2.46 H	174	124.3	-1.8
4	*2437.00	119.7 AV			2.46 H	174	121.5	-1.8
5	2483.50	61.4 PK	74.0	-12.6	2.46 H	1	63.1	-1.7
6	2483.50	45.4 AV	54.0	-8.6	2.46 H	1	47.1	-1.7
7	4874.00	51.5 PK	74.0	-22.5	1.63 H	206	49.1	2.4
8	4874.00	48.9 AV	54.0	-5.1	1.63 H	206	46.5	2.4
9	7311.00	46.1 PK	74.0	-27.9	1.58 H	212	36.9	9.2
10	7311.00	35.7 AV	54.0	-18.3	1.58 H	212	26.5	9.2
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	2390.00	61.5 PK	74.0	-12.5	1.57 V	205	63.1	-1.6
2	2390.00	46.9 AV	54.0	-7.1	1.57 V	205	48.5	-1.6
3	*2437.00	121.6 PK			1.57 V	205	123.4	-1.8
4	*2437.00	118.8 AV			1.57 V	205	120.6	-1.8
5	2483.50	60.9 PK	74.0	-13.1	1.57 V	205	62.6	-1.7
6	2483.50	45.1 AV	54.0	-8.9	1.57 V	205	46.8	-1.7
7	4874.00	55.9 PK	74.0	-18.1	2.64 V	124	53.5	2.4
8	4874.00	53.3 AV	54.0	-0.7	2.64 V	124	50.9	2.4
9	7311.00	46.8 PK	74.0	-27.2	2.45 V	158	37.6	9.2
10	7311.00	35.8 AV	54.0	-18.2	2.45 V	158	26.6	9.2

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.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2462.00	120.8 PK			2.39 H	173	122.6	-1.8
2	*2462.00	118.6 AV			2.39 H	173	120.4	-1.8
3	2483.50	62.2 PK	74.0	-11.8	2.39 H	173	63.9	-1.7
4	2483.50	53.5 AV	54.0	-0.5	2.39 H	173	55.2	-1.7
5	4924.00	52.6 PK	74.0	-21.4	1.65 H	211	50.1	2.5
6	4924.00	49.5 AV	54.0	-4.5	1.65 H	211	47.0	2.5
7	7386.00	45.1 PK	74.0	-28.9	1.48 H	190	35.7	9.4
8	7386.00	36.2 AV	54.0	-17.8	1.48 H	190	26.8	9.4
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	*2462.00	119.5 PK			1.65 V	202	121.3	-1.8
2	*2462.00	117.5 AV			1.65 V	202	119.3	-1.8
3	2483.50	61.2 PK	74.0	-12.8	1.65 V	202	62.9	-1.7
4	2483.50	52.7 AV	54.0	-1.3	1.65 V	202	54.4	-1.7
5	4924.00	57.1 PK	74.0	-16.9	3.61 V	88	54.6	2.5
6	4924.00	53.6 AV	54.0	-0.4	3.61 V	88	51.1	2.5
7	7386.00	46.5 PK	74.0	-27.5	1.89 V	160	37.1	9.4
8	7386.00	36.5 AV	54.0	-17.5	1.89 V	160	27.1	9.4

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.

802.11g

CHANNEL	TX Channel 1	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	68.7 PK	74.0	-5.3	1.87 H	187	70.3	-1.6
2	2390.00	53.7 AV	54.0	-0.3	1.87 H	187	55.3	-1.6
3	*2412.00	122.3 PK			1.97 H	187	124.0	-1.7
4	*2412.00	113.1 AV			1.97 H	187	114.8	-1.7
5	4824.00	52.0 PK	74.0	-22.0	1.98 H	199	49.7	2.3
6	4824.00	49.1 AV	54.0	-4.9	1.98 H	199	46.8	2.3
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	2390.00	68.1 PK	74.0	-5.9	1.65 V	213	69.7	-1.6
2	2390.00	53.1 AV	54.0	-0.9	1.65 V	213	54.7	-1.6
3	*2412.00	121.6 PK			1.65 V	213	123.3	-1.7
4	*2412.00	112.5 AV			1.65 V	213	114.2	-1.7
5	4824.00	60.2 PK	74.0	-13.8	3.59 V	74	57.9	2.3
6	4824.00	50.4 AV	54.0	-3.6	3.59 V	74	48.1	2.3

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.

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	65.5 PK	74.0	-8.5	2.29 H	171	67.1	-1.6
2	2390.00	53.7 AV	54.0	-0.3	2.29 H	171	55.3	-1.6
3	*2437.00	125.3 PK			2.29 H	171	127.1	-1.8
4	*2437.00	115.6 AV			2.29 H	171	117.4	-1.8
5	2483.50	67.6 PK	74.0	-6.4	2.29 H	171	69.3	-1.7
6	2483.50	51.9 AV	54.0	-2.1	2.29 H	171	53.6	-1.7
7	4874.00	59.6 PK	74.0	-14.4	1.62 H	202	57.2	2.4
8	4874.00	49.5 AV	54.0	-4.5	1.62 H	202	47.1	2.4
9	7311.00	47.9 PK	74.0	-26.1	1.47 H	189	38.7	9.2
10	7311.00	36.8 AV	54.0	-17.2	1.47 H	189	27.6	9.2
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	2390.00	65.1 PK	74.0	-8.9	2.32 V	186	66.7	-1.6
2	2390.00	53.2 AV	54.0	-0.8	2.32 V	186	54.8	-1.6
3	*2437.00	124.6 PK			2.32 V	186	126.4	-1.8
4	*2437.00	114.5 AV			2.32 V	186	116.3	-1.8
5	2483.50	66.9 PK	74.0	-7.1	2.32 V	186	68.6	-1.7
6	2483.50	51.2 AV	54.0	-2.8	2.32 V	186	52.9	-1.7
7	4874.00	63.5 PK	74.0	-10.5	3.65 V	98	61.1	2.4
8	4874.00	53.3 AV	54.0	-0.7	3.65 V	98	50.9	2.4
9	7311.00	54.6 PK	74.0	-19.4	1.84 V	162	45.4	9.2
10	7311.00	41.0 AV	54.0	-13.0	1.84 V	162	31.8	9.2

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.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2462.00	119.8 PK			2.20 H	171	121.6	-1.8
2	*2462.00	110.9 AV			2.20 H	171	112.7	-1.8
3	2483.50	66.1 PK	74.0	-7.9	2.20 H	171	67.8	-1.7
4	2483.50	53.5 AV	54.0	-0.5	2.20 H	171	55.2	-1.7
5	4924.00	57.5 PK	74.0	-16.5	1.36 H	213	55.0	2.5
6	4924.00	46.2 AV	54.0	-7.8	1.36 H	213	43.7	2.5
7	7386.00	46.2 PK	74.0	-27.8	1.48 H	221	36.8	9.4
8	7386.00	35.9 AV	54.0	-18.1	1.48 H	221	26.5	9.4
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	*2462.00	118.9 PK			2.27 V	186	120.7	-1.8
2	*2462.00	110.1 AV			2.27 V	186	111.9	-1.8
3	2483.50	65.9 PK	74.0	-8.1	2.27 V	186	67.6	-1.7
4	2483.50	53.1 AV	54.0	-0.9	2.27 V	186	54.8	-1.7
5	4924.00	59.6 PK	74.0	-14.4	1.60 V	215	57.1	2.5
6	4924.00	49.6 AV	54.0	-4.4	1.60 V	215	47.1	2.5
7	7386.00	46.9 PK	74.0	-27.1	1.52 V	174	37.5	9.4
8	7386.00	36.5 AV	54.0	-17.5	1.52 V	174	27.1	9.4

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.

802.11ax (HE20)

CHANNEL	TX Channel 1	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	67.1 PK	74.0	-6.9	2.07 H	194	68.7	-1.6
2	2390.00	53.5 AV	54.0	-0.5	2.07 H	194	55.1	-1.6
3	*2412.00	122.7 PK			2.07 H	194	124.4	-1.7
4	*2412.00	110.9 AV			2.07 H	194	112.6	-1.7
5	4824.00	57.6 PK	74.0	-16.4	1.33 H	203	55.3	2.3
6	4824.00	46.5 AV	54.0	-7.5	1.33 H	203	44.2	2.3
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	2390.00	66.8 PK	74.0	-7.2	2.16 V	201	68.4	-1.6
2	2390.00	53.1 AV	54.0	-0.9	2.16 V	201	54.7	-1.6
3	*2412.00	121.8 PK			2.16 V	201	123.5	-1.7
4	*2412.00	109.8 AV			2.16 V	201	111.5	-1.7
5	4824.00	59.6 PK	74.0	-14.4	1.57 V	218	57.3	2.3
6	4824.00	49.5 AV	54.0	-4.5	1.57 V	218	47.2	2.3

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.

CHANNEL	TX Channel 6	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	66.9 PK	74.0	-7.1	1.96 H	196	68.5	-1.6
2	**2390.00**	**53.9 AV**	**54.0**	**-0.1**	**1.96 H**	**196**	**55.5**	**-1.6**
3	*2437.00	126.6 PK			1.96 H	196	128.4	-1.8
4	*2437.00	115.4 AV			1.96 H	196	117.2	-1.8
5	2483.50	66.9 PK	74.0	-7.1	1.96 H	196	68.6	-1.7
6	2483.50	52.2 AV	54.0	-1.8	1.96 H	196	53.9	-1.7
7	4874.00	59.8 PK	74.0	-14.2	1.65 H	190	57.4	2.4
8	4874.00	49.6 AV	54.0	-4.4	1.65 H	190	47.2	2.4
9	7311.00	48.0 PK	74.0	-26.0	1.43 H	183	38.8	9.2
10	7311.00	36.6 AV	54.0	-17.4	1.43 H	183	27.4	9.2
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	2390.00	66.1 PK	74.0	-7.9	2.01 V	218	67.7	-1.6
2	2390.00	53.2 AV	54.0	-0.8	2.01 V	218	54.8	-1.6
3	*2437.00	125.8 PK			2.01 V	218	127.6	-1.8
4	*2437.00	114.9 AV			2.01 V	218	116.7	-1.8
5	2483.50	66.2 PK	74.0	-7.8	2.01 V	218	67.9	-1.7
6	2483.50	51.9 AV	54.0	-2.1	2.01 V	218	53.6	-1.7
7	4874.00	63.8 PK	74.0	-10.2	3.69 V	86	61.4	2.4
8	4874.00	53.7 AV	54.0	-0.3	3.69 V	86	51.3	2.4
9	7311.00	54.5 PK	74.0	-19.5	1.81 V	161	45.3	9.2
10	7311.00	40.9 AV	54.0	-13.1	1.81 V	161	31.7	9.2

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.

CHANNEL	TX Channel 11	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2462.00	123.1 PK			1.99 H	192	124.9	-1.8
2	*2462.00	112.1 AV			1.99 H	192	113.9	-1.8
3	2483.50	64.9 PK	74.0	-9.1	1.99 H	192	66.6	-1.7
4	2483.50	53.8 AV	54.0	-0.2	1.99 H	192	55.5	-1.7
5	4924.00	57.2 PK	74.0	-16.8	1.37 H	190	54.7	2.5
6	4924.00	46.1 AV	54.0	-7.9	1.37 H	190	43.6	2.5
7	7386.00	46.4 PK	74.0	-27.6	1.50 H	223	37.0	9.4
8	7386.00	36.2 AV	54.0	-17.8	1.50 H	223	26.8	9.4
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	*2462.00	122.6 PK			2.09 V	196	124.4	-1.8
2	*2462.00	111.9 AV			2.09 V	196	113.7	-1.8
3	2483.50	64.1 PK	74.0	-9.9	2.09 V	196	65.8	-1.7
4	2483.50	53.1 AV	54.0	-0.9	2.09 V	196	54.8	-1.7
5	4924.00	59.2 PK	74.0	-14.8	1.52 V	215	56.7	2.5
6	4924.00	49.1 AV	54.0	-4.9	1.52 V	215	46.6	2.5
7	7386.00	54.9 PK	74.0	-19.1	1.80 V	167	45.5	9.4
8	7386.00	41.3 AV	54.0	-12.7	1.80 V	167	31.9	9.4

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.

802.11ax (HE40)

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	66.6 PK	74.0	-7.4	2.04 H	193	68.2	-1.6
2	2390.00	53.6 AV	54.0	-0.4	2.04 H	193	55.2	-1.6
3	*2422.00	120.4 PK			2.04 H	193	122.1	-1.7
4	*2422.00	108.8 AV			2.04 H	193	110.5	-1.7
5	4844.00	57.3 PK	74.0	-16.7	1.30 H	213	55.1	2.2
6	4844.00	45.9 AV	54.0	-8.1	1.30 H	213	43.7	2.2
7	7266.00	46.1 PK	74.0	-27.9	1.53 H	232	37.1	9.0
8	7266.00	35.6 AV	54.0	-18.4	1.53 H	232	26.6	9.0
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	2390.00	66.1 PK	74.0	-7.9	2.16 V	196	67.7	-1.6
2	2390.00	53.1 AV	54.0	-0.9	2.16 V	196	54.7	-1.6
3	*2422.00	119.5 PK			2.16 V	196	121.2	-1.7
4	*2422.00	108.2 AV			2.16 V	196	109.9	-1.7
5	4844.00	59.7 PK	74.0	-14.3	1.56 V	228	57.5	2.2
6	4844.00	49.5 AV	54.0	-4.5	1.56 V	228	47.3	2.2
7	7266.00	47.5 PK	74.0	-26.5	1.52 V	186	38.5	9.0
8	7266.00	36.8 AV	54.0	-17.2	1.52 V	186	27.8	9.0

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 6	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	64.5 PK	74.0	-9.5	2.10 H	194	66.1	-1.6
2	2390.00	53.8 AV	54.0	-0.2	2.10 H	194	55.4	-1.6
3	*2437.00	121.5 PK			2.10 H	194	123.3	-1.8
4	*2437.00	108.1 AV			2.10 H	194	109.9	-1.8
5	2483.50	68.0 PK	74.0	-6.0	2.10 H	194	69.7	-1.7
6	2483.50	52.8 AV	54.0	-1.2	2.10 H	194	54.5	-1.7
7	4874.00	57.4 PK	74.0	-16.6	1.31 H	197	55.0	2.4
8	4874.00	45.8 AV	54.0	-8.2	1.31 H	197	43.4	2.4
9	7311.00	46.2 PK	74.0	-27.8	1.45 H	209	37.0	9.2
10	7311.00	35.8 AV	54.0	-18.2	1.45 H	209	26.6	9.2
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	2390.00	64.1 PK	74.0	-9.9	2.09 V	193	65.7	-1.6
2	2390.00	52.2 AV	54.0	-1.8	2.09 V	193	53.8	-1.6
3	*2437.00	120.9 PK			2.09 V	193	122.7	-1.8
4	*2437.00	107.9 AV			2.09 V	193	109.7	-1.8
5	2483.50	67.5 PK	74.0	-6.5	2.09 V	193	69.2	-1.7
6	2483.50	52.4 AV	54.0	-1.6	2.09 V	193	54.1	-1.7
7	4874.00	60.2 PK	74.0	-13.8	1.65 V	206	57.8	2.4
8	4874.00	50.0 AV	54.0	-4.0	1.65 V	206	47.6	2.4
9	7311.00	46.3 PK	74.0	-27.7	1.50 V	187	37.1	9.2
10	7311.00	36.2 AV	54.0	-17.8	1.50 V	187	27.0	9.2

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.

CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	*2452.00	119.4 PK			2.03 H	192	121.2	-1.8
2	*2452.00	107.8 AV			2.03 H	192	109.6	-1.8
3	2483.50	68.4 PK	74.0	-5.6	2.03 H	192	70.1	-1.7
4	**2483.50**	**53.9 AV**	**54.0**	**-0.1**	**2.03 H**	**192**	**55.6**	**-1.7**
5	4904.00	46.9 PK	74.0	-27.1	2.06 H	315	44.4	2.5
6	4904.00	36.2 AV	54.0	-17.8	2.06 H	315	33.7	2.5
7	7356.00	46.2 PK	74.0	-27.8	2.12 H	286	37.0	9.2
8	7356.00	35.2 AV	54.0	-18.8	2.12 H	286	26.0	9.2
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	*2452.00	118.5 PK			2.12 V	201	120.3	-1.8
2	*2452.00	107.2 AV			2.12 V	201	109.0	-1.8
3	2483.50	67.9 PK	74.0	-6.1	2.12 V	201	69.6	-1.7
4	2483.50	53.1 AV	54.0	-0.9	2.12 V	201	54.8	-1.7
5	4904.00	48.5 PK	74.0	-25.5	1.25 V	214	46.0	2.5
6	4904.00	38.9 AV	54.0	-15.1	1.25 V	214	36.4	2.5
7	7356.00	46.7 PK	74.0	-27.3	1.34 V	226	37.5	9.2
8	7356.00	35.7 AV	54.0	-18.3	1.34 V	226	26.5	9.2

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.

Below 1GHz Data:

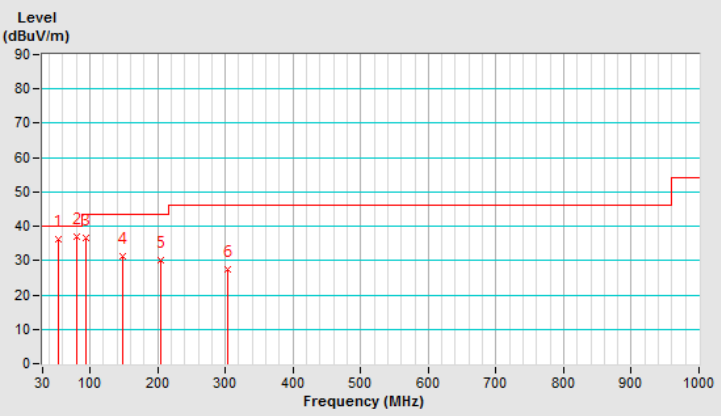
802.11g

CHANNEL	TX Channel 6	**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	53.00	36.3 QP	40.0	-3.7	1.50 H	235	44.1	-7.8
2	80.84	37.0 QP	40.0	-3.0	2.50 H	27	49.9	-12.9
3	94.67	36.6 QP	43.5	-6.9	2.50 H	290	49.5	-12.9
4	149.29	31.4 QP	43.5	-12.1	1.50 H	51	38.5	-7.1
5	204.78	29.9 QP	43.5	-13.6	2.00 H	82	40.1	-10.2
6	304.42	27.4 QP	46.0	-18.6	1.00 H	218	33.6	-6.2

REMARKS:

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

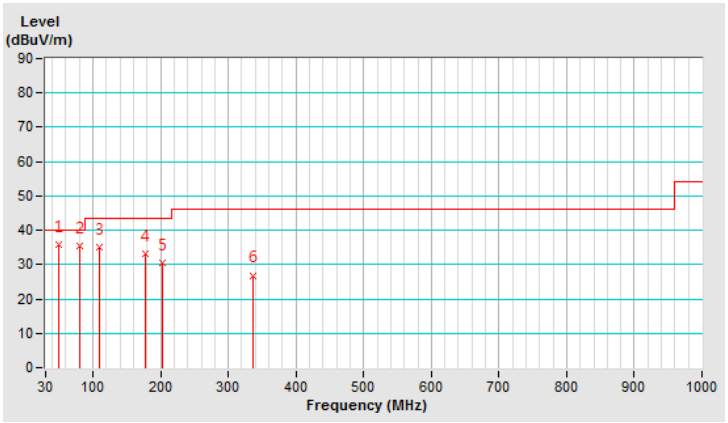


CHANNEL	TX Channel 6	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	49.13	35.8 QP	40.0	-4.2	2.00 V	243	43.5	-7.7
2	79.93	35.6 QP	40.0	-4.4	2.50 V	27	48.2	-12.6
3	109.57	35.2 QP	43.5	-8.3	1.50 V	309	45.6	-10.4
4	177.10	33.2 QP	43.5	-10.3	1.50 V	34	41.6	-8.4
5	203.44	30.6 QP	43.5	-12.9	1.00 V	101	40.8	-10.2
6	336.67	26.9 QP	46.0	-19.1	1.50 V	254	32.1	-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.



4.2 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. 17, 2019	Mar. 16, 2020
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	003	Mar. 14, 2019	Mar. 13, 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: Dec. 13, 2019

4.2.3 Test Procedures

a. 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.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

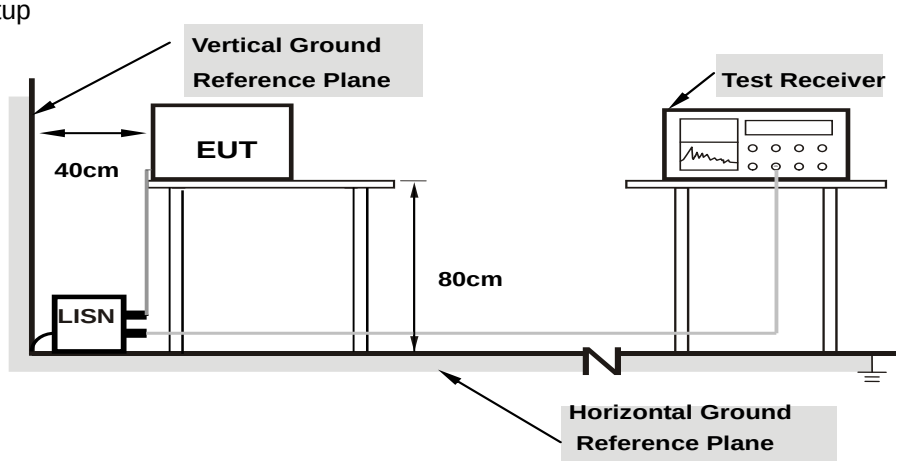
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

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 Conditions

Same as 4.1.6.

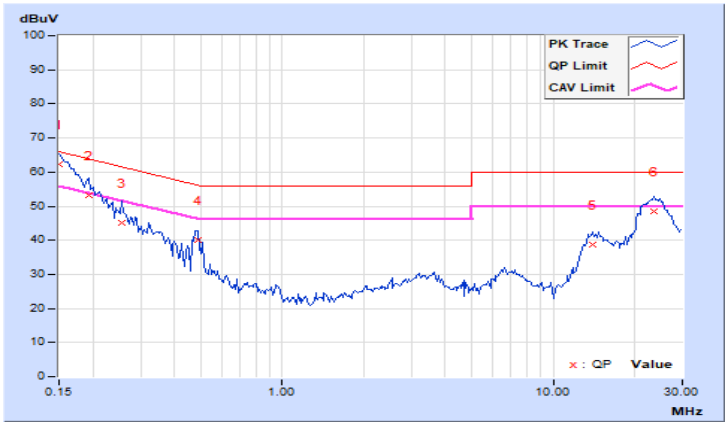
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	**0.15000**	**9.97**	**52.43**	**36.66**	**62.40**	**46.63**	**66.00**	**56.00**	**-3.60**	**-9.37**
2	0.19297	9.97	43.32	28.96	53.29	38.93	63.91	53.91	-10.62	-14.98
3	0.25547	9.97	35.16	21.32	45.13	31.29	61.58	51.58	-16.45	-20.29
4	0.48984	9.99	30.15	24.85	40.14	34.84	56.17	46.17	-16.03	-11.33
5	14.07422	10.72	27.88	23.17	38.60	33.89	60.00	50.00	-21.40	-16.11
6	23.55859	11.15	37.44	33.21	48.59	44.36	60.00	50.00	-11.41	-5.64

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

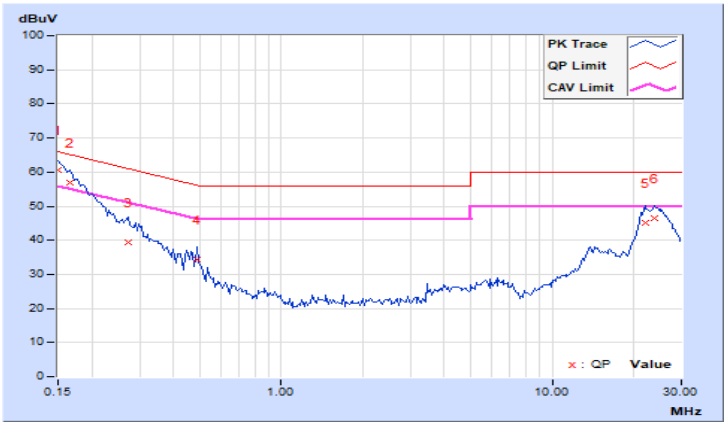


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

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	0.15000	9.97	50.59	34.48	60.56	44.45	66.00	56.00	-5.44	-11.55
2	0.16562	9.97	46.99	31.12	56.96	41.09	65.18	55.18	-8.22	-14.09
3	0.27109	9.97	29.32	18.04	39.29	28.01	61.08	51.08	-21.79	-23.07
4	0.48984	9.99	24.32	20.97	34.31	30.96	56.17	46.17	-21.86	-15.21
5	21.99219	10.83	34.41	29.88	45.24	40.71	60.00	50.00	-14.76	-9.29
6	23.85547	10.87	35.56	31.19	46.43	42.06	60.00	50.00	-13.57	-7.94

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

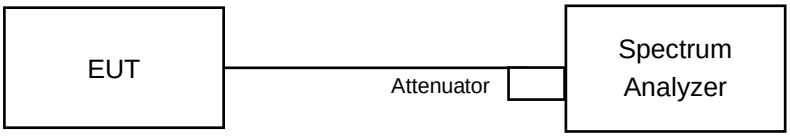


4.3 6dB Bandwidth Measurement

4.3.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 Test Setup



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

a. Set resolution bandwidth (RBW) = 100kHz
b. Set the video bandwidth (VBW) ≥ 3 x RBW, Detector = Peak.
c. Trace mode = max hold.
d. Sweep = auto couple.
e. Measure the maximum width of the emission that is constrained by the frequencies associated with the two amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Conditions

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 Result (Mode 1)

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	8.08	7.61	7.57	8.06	0.5	Pass
6	2437	7.6	8.01	7.11	8.06	0.5	Pass
11	2462	8.08	8.1	7.62	8.02	0.5	Pass

802.11g

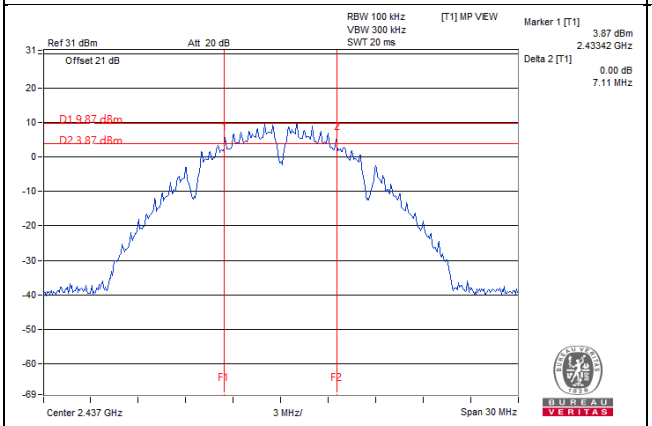
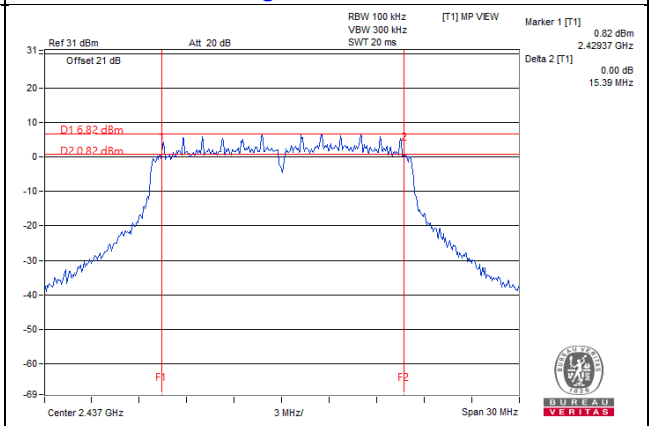
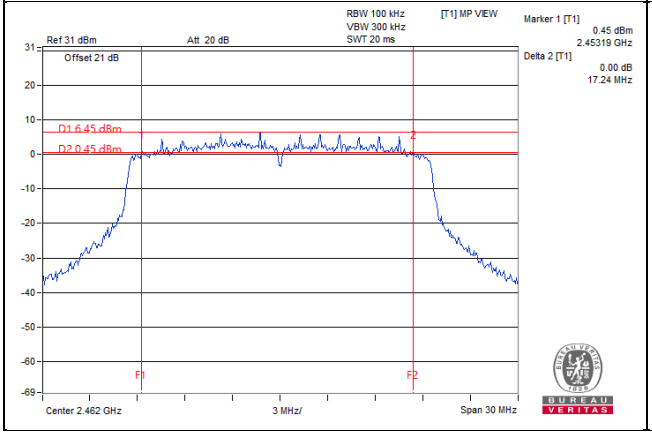
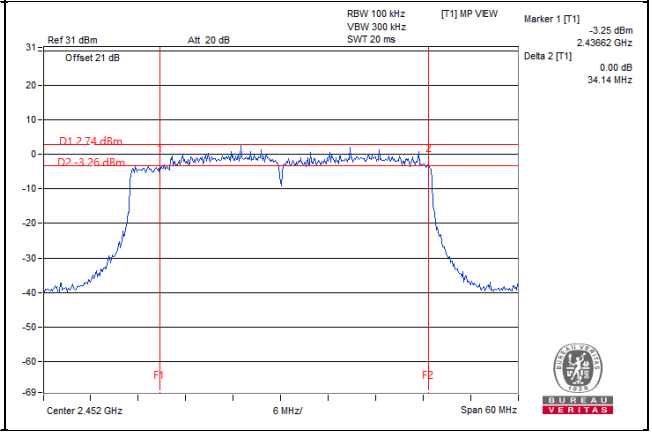
Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	15.41	16.1	16.34	16.35	0.5	Pass
6	2437	15.39	16.1	16.33	16.06	0.5	Pass
11	2462	15.42	16.34	16.06	16.07	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	18.72	18.51	17.56	18.53	0.5	Pass
6	2437	18.73	18.36	18.01	18.04	0.5	Pass
11	2462	18.68	18.51	17.24	18.62	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
3	2422	37.92	36.48	37.85	38	0.5	Pass
6	2437	37.89	37.87	38.02	37.84	0.5	Pass
9	2452	36.54	34.14	37.99	37.82	0.5	Pass

Spectrum Plot of Worst Value	
802.11b / Chain 2 : CH6	**802.11g / Chain 0 : CH6**
	
802.11ax (HE20) / Chain 2 : CH11	**802.11ax (HE40) / Chain 1 : CH9**
	

4.3.8 Test Result (Mode 2)

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	7.62	7.16	7.59	7.64	0.5	Pass
6	2437	7.59	7.59	7.57	7.56	0.5	Pass
11	2462	7.59	7.59	7.62	7.1	0.5	Pass

802.11g

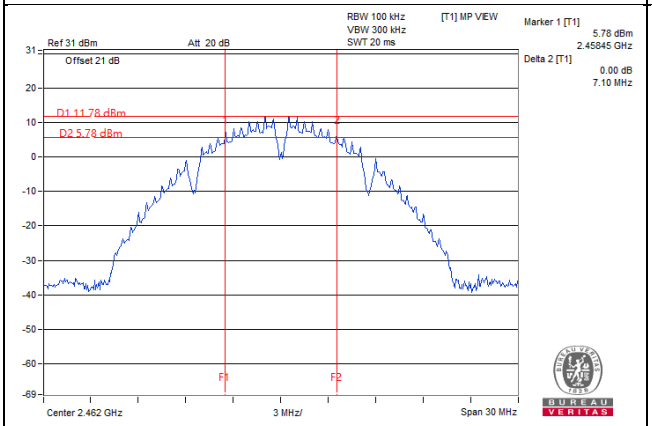
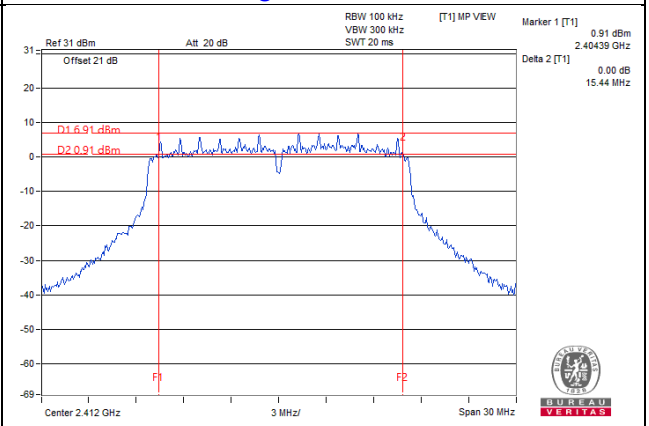
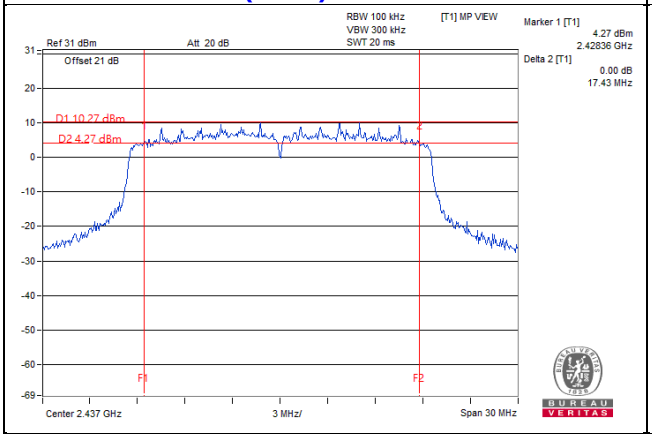
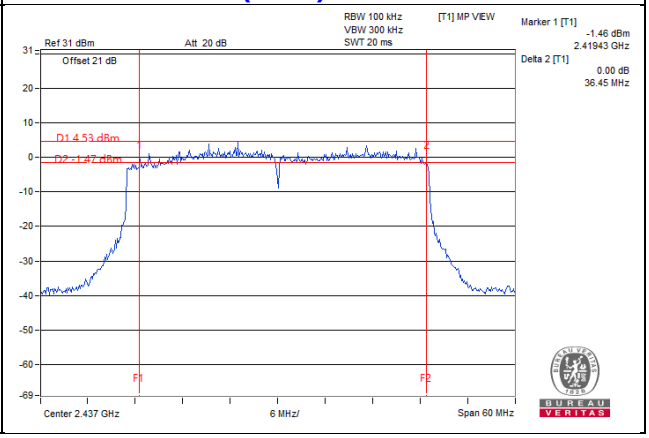
Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	15.44	16.1	16.34	16.34	0.5	Pass
6	2437	15.47	16.11	16.06	16.07	0.5	Pass
11	2462	15.48	16.34	16.07	16.07	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	18.5	18.95	17.57	18.36	0.5	Pass
6	2437	18.64	18.68	17.43	18.57	0.5	Pass
11	2462	18.33	18.62	17.55	18.09	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
3	2422	37.21	37.56	37.86	37.94	0.5	Pass
6	2437	37.49	36.45	37.9	37.9	0.5	Pass
9	2452	37.41	36.63	38.01	37.6	0.5	Pass

Spectrum Plot of Worst Value	
802.11b / Chain 3 : CH11	**802.11g / Chain 0 : CH1**
	
802.11ax (HE20) / Chain 2 : CH6	**802.11ax (HE40) / Chain 1 : CH6**
	

4.3.9 Test Result (Mode 3)

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	7.61	7.59	8.05	7.58	0.5	Pass
6	2437	8.06	8.08	8.08	8.58	0.5	Pass
11	2462	8.13	8.11	7.14	8.14	0.5	Pass

802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	15.39	16.34	16.34	16.11	0.5	Pass
6	2437	15.39	16.35	16.06	16.35	0.5	Pass
11	2462	15.45	16.12	16.06	16.05	0.5	Pass

802.11ax (HE20)

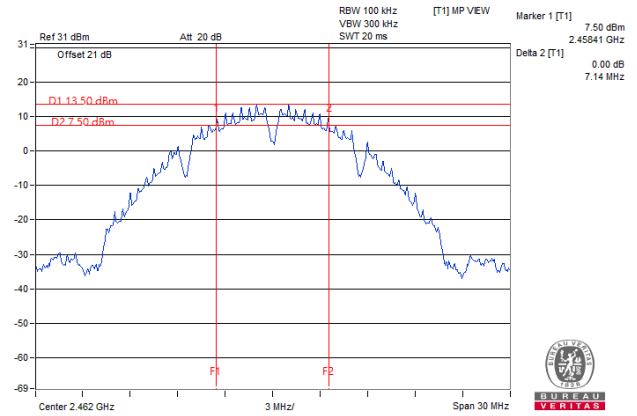
Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	18.75	18.83	17.76	18.05	0.5	Pass
6	2437	18.69	18.3	17.61	17.89	0.5	Pass
11	2462	18.71	18.44	18.1	18.49	0.5	Pass

802.11ax (HE40)

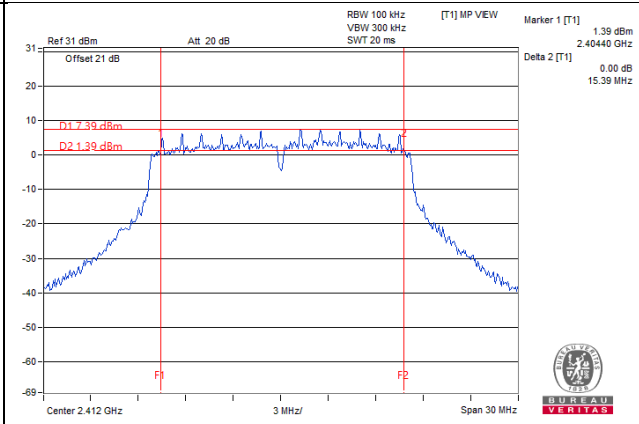
Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
3	2422	37.02	36.21	37.93	37.53	0.5	Pass
6	2437	37.51	37.16	38	37.88	0.5	Pass
9	2452	36.87	37.76	37.95	38.08	0.5	Pass

Spectrum Plot of Worst Value

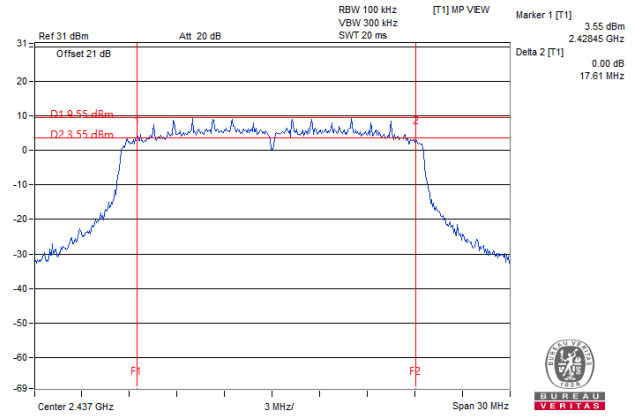
802.11b / Chain 2 : CH11



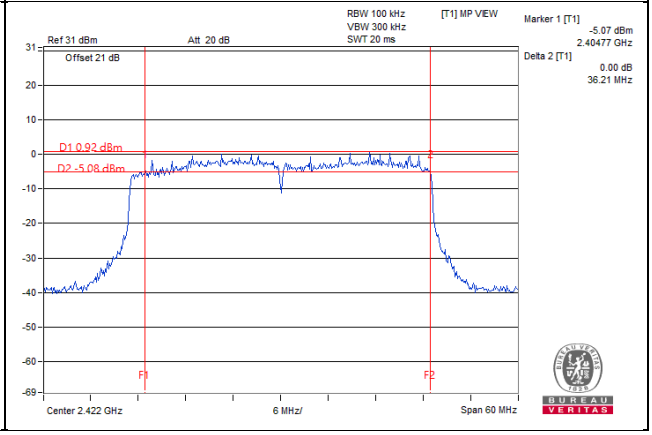
802.11g / Chain 0 : CH1



802.11ax (HE20) / Chain 2 : CH6



802.11ax (HE40) / Chain 1 : CH3



4.3.10 Test Result (Mode 4)

802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	7.61	7.59	8.05	7.58	0.5	Pass
6	2437	8.06	8.08	8.08	8.58	0.5	Pass
11	2462	8.13	8.11	7.14	8.14	0.5	Pass

802.11g

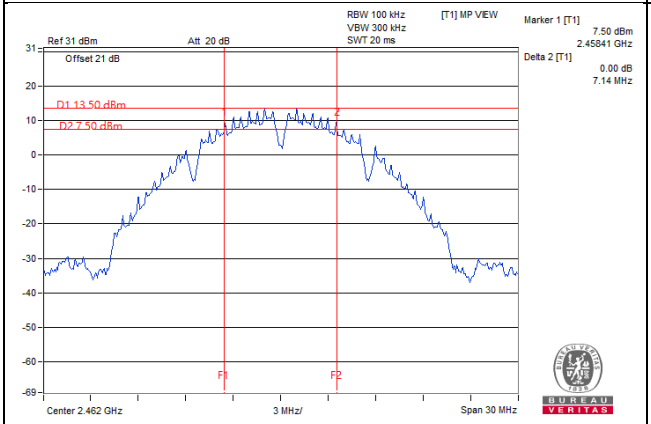
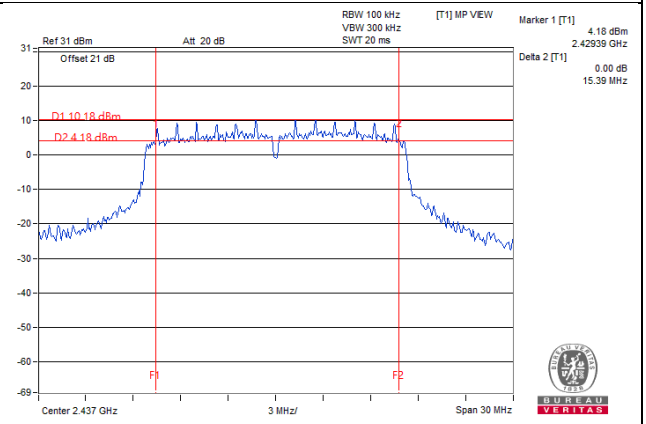
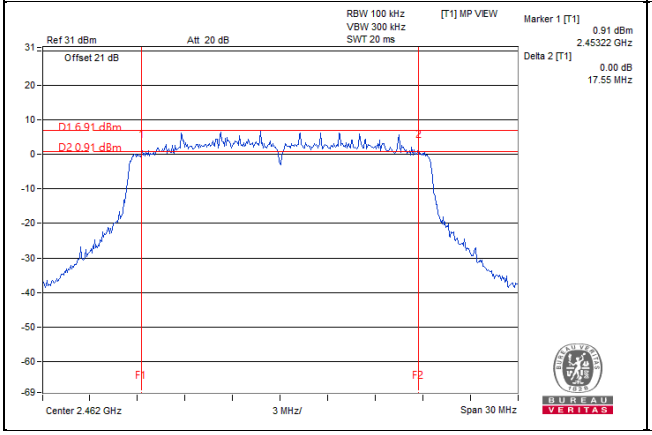
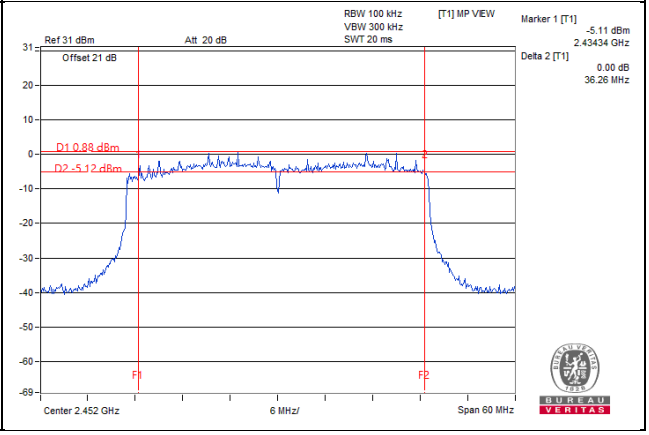
Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	15.4	15.99	16.35	16.1	0.5	Pass
6	2437	15.39	16.35	16.06	16.35	0.5	Pass
11	2462	15.44	16.12	16.09	16.08	0.5	Pass

802.11ax (HE20)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
1	2412	18.69	18.5	17.72	18.38	0.5	Pass
6	2437	18.64	18.49	17.62	18.45	0.5	Pass
11	2462	18.82	18.97	17.55	17.92	0.5	Pass

802.11ax (HE40)

Channel	Frequency (MHz)	6dB Bandwidth (MHz)				Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3		
3	2422	36.7	37.8	38.18	38.04	0.5	Pass
6	2437	37.81	37.76	38.01	37.89	0.5	Pass
9	2452	37.9	36.26	37.78	37.79	0.5	Pass

Spectrum Plot of Worst Value	
802.11b / Chain 2 : CH11	**802.11g / Chain 0 : CH6**
	
802.11ax (HE20) / Chain 2 : CH11	**802.11ax (HE40) / Chain 1 : CH9**
	

4.4 Conducted Output Power Measurement

4.4.1 Limits of Conducted Output Power Measurement

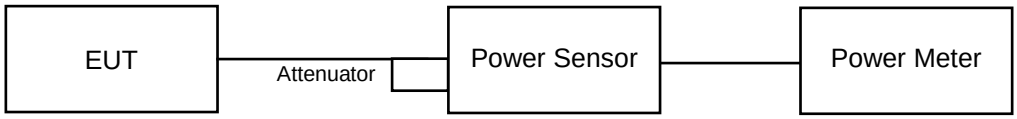
For systems using digital modulation in the 2400–2483.5 MHz bands: 1 Watt (30dBm)

Per KDB 662911 D01 Multiple Transmitter Output 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.

4.4.2 Test Setup



4.4.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.4 Test Procedures

Average power sensor was 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.

4.4.5 Deviation from Test Standard

No deviation.

4.4.6 EUT Operating Conditions

Same as Item 4.3.6.

4.4.7 Test Results (Mode 1)

Non-Beamforming Mode

802.11b

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	16.83	16.74	16.45	16.68	186.117	22.70	23.00	Pass
6	2437	16.72	16.61	16.55	16.61	183.803	22.64	23.00	Pass
11	2462	17.01	16.85	16.68	16.83	193.405	22.86	23.00	Pass

Note: 1. Antenna gain = 13dBi > 6dBi , so the power limit shall be reduced to 30-(13-6) = 23.00dBm.

802.11g

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	16.66	16.62	16.85	16.53	185.66	22.69	23.00	Pass
6	2437	16.69	16.65	16.89	16.59	187.373	22.73	23.00	Pass
11	2462	16.92	16.66	16.98	16.65	191.675	22.83	23.00	Pass

Note: 1. Antenna gain = 13dBi > 6dBi , so the power limit shall be reduced to 30-(13-6) = 23.00dBm.

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	16.60	16.58	16.77	16.50	183.41	22.63	23.00	Pass
6	2437	16.96	16.98	16.68	16.61	191.92	22.83	23.00	Pass
11	2462	16.50	16.70	16.72	16.60	184.14	22.65	23.00	Pass

Note: 1. Antenna gain = 13dBi > 6dBi , so the power limit shall be reduced to 30-(13-6) = 23.00dBm.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.90	16.08	15.89	15.99	157.99	21.99	23.00	Pass
6	2437	16.80	17.00	16.90	16.89	195.825	22.92	23.00	Pass
9	2452	15.98	16.05	15.90	16.15	160.014	22.04	23.00	Pass

Note: 1. Antenna gain = 13dBi > 6dBi , so the power limit shall be reduced to 30-(13-6) = 23.00dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	16.65	16.60	16.80	16.53	184.788	22.67	23.00	Pass
6	2437	17.12	17.11	16.82	16.75	198.326	22.97	23.00	Pass
11	2462	16.54	16.77	16.78	16.68	186.817	22.71	23.00	Pass

Note: 1. Antenna gain = 13dBi > 6dBi , so the power limit shall be reduced to 30-(13-6) = 23.00dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	15.96	16.11	15.93	16.03	159.539	22.03	23.00	Pass
6	2437	16.87	17.05	16.94	16.91	197.862	22.96	23.00	Pass
9	2452	16.04	16.16	15.94	16.22	162.628	22.11	23.00	Pass

Note: 1. Antenna gain = 13dBi > 6dBi , so the power limit shall be reduced to 30-(13-6) = 23.00dBm.

Beamforming Mode

802.11n (HT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	10.95	10.81	10.75	10.68	48.076	16.82	16.98	Pass
6	2437	10.97	10.92	10.64	10.57	47.852	16.80	16.98	Pass
11	2462	10.93	10.86	10.67	10.61	47.754	16.79	16.98	Pass

Note: 1. Directional gain = 13dBi + 10log(4) = 19.02dBi > 6dBi , so the power limit shall be reduced to 30-(19.02-6) = 16.98dBm.

802.11n (HT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	10.69	10.83	10.65	10.85	47.604	16.78	16.98	Pass
6	2437	10.61	10.75	10.64	10.89	47.255	16.74	16.98	Pass
9	2452	10.72	10.90	10.73	10.80	47.959	16.81	16.98	Pass

Note: 1. Directional gain = 13dBi + 10log(4) = 19.02dBi > 6dBi , so the power limit shall be reduced to 30-(19.02-6) = 16.98dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
1	2412	11.08	10.87	10.82	10.72	48.923	16.90	16.98	Pass
6	2437	11.06	11.02	10.71	10.62	48.722	16.88	16.98	Pass
11	2462	11.02	10.99	10.76	10.72	48.923	16.90	16.98	Pass

Note: 1. Directional gain = 13dBi + 10log(4) = 19.02dBi > 6dBi , so the power limit shall be reduced to 30-(19.02-6) = 16.98dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
3	2422	10.78	10.95	10.72	10.93	48.604	16.87	16.98	Pass
6	2437	10.72	10.88	10.75	10.95	48.38	16.85	16.98	Pass
9	2452	10.77	10.98	10.77	10.90	48.714	16.88	16.98	Pass

Note: 1. Directional gain = 13dBi + 10log(4) = 19.02dBi > 6dBi , so the power limit shall be reduced to 30-(19.02-6) = 16.98dBm.