802.11ax (HE80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	67.2 PK	74.0	-6.8	2.44 H	296	64.2	3.0
2	5150.00	48.3 AV	54.0	-5.7	2.44 H	296	45.3	3.0
3	*5210.00	109.2 PK			2.44 H	296	106.5	2.7
4	*5210.00	94.5 AV			2.44 H	296	91.8	2.7
5	5350.00	56.6 PK	74.0	-17.4	2.44 H	296	54.0	2.6
6	5350.00	38.7 AV	54.0	-15.3	2.44 H	296	36.1	2.6
7	#10420.00	45.8 PK	68.2	-22.4	1.53 H	107	33.5	12.3
8	15630.00	50.7 PK	74.0	-23.3	2.50 H	124	38.0	12.7
9	15630.00	37.7 AV	54.0	-16.3	2.50 H	124	25.0	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	73.7 PK	74.0	-0.3	1.62 V	360	70.7	3.0
2	5150.00	53.0 AV	54.0	-1.0	1.62 V	360	50.0	3.0
3	*5210.00	111.9 PK			1.62 V	360	109.2	2.7
4	*5210.00	98.2 AV			1.62 V	360	95.5	2.7
5	5350.00	58.2 PK	74.0	-15.8	1.62 V	360	55.6	2.6
6	5350.00	44.8 AV	54.0	-9.2	1.62 V	360	42.2	2.6
7	#10420.00	42.5 PK	68.2	-25.7	1.49 V	148	30.2	12.3
8	15630.00	46.4 PK	74.0	-27.6	1.55 V	259	33.7	12.7
9	15630.00	35.0 AV	54.0	-19.0	1.55 V	259	22.3	12.7

REMARKS:

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

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5646.56	64.7 PK	68.2	-3.5	2.87 H	305	61.4	3.3
2	*5775.00	108.6 PK			2.87 H	305	105.2	3.4
3	*5775.00	95.9 AV			2.87 H	305	92.5	3.4
4	#5931.34	62.2 PK	68.2	-6.0	2.87 H	305	58.1	4.1
5	11550.00	46.7 PK	74.0	-27.3	1.49 H	180	34.3	12.4
6	11550.00	36.0 AV	54.0	-18.0	1.49 H	180	23.6	12.4
7	#17325.00	62.5 PK	68.2	-5.7	3.82 H	93	45.8	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	#5648.98	68.0 PK	68.2	-0.2	1.88 V	0	64.7	3.3
2	*5775.00	111.9 PK			1.88 V	360	108.5	3.4
3	*5775.00	99.7 AV			1.88 V	360	96.3	3.4
4	#5932.72	65.9 PK	68.2	-2.3	1.88 V	0	61.8	4.1
5	11550.00	45.6 PK	74.0	-28.4	1.29 V	28	33.2	12.4
6	11550.00	32.9 AV	54.0	-21.1	1.29 V	28	20.5	12.4
7	#17325.00	47.3 PK	68.2	-20.9	2.16 V	161	30.6	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.

4.1.21 Test Results (Mode 15)

ABOVE 1GHz DATA

802.11a

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

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	73.2 PK	74.0	-0.8	2.71 H	5	70.2	3.0
2	5150.00	53.8 AV	54.0	-0.2	2.71 H	5	50.8	3.0
3	*5180.00	112.2 PK			2.71 H	5	109.3	2.9
4	*5180.00	101.7 AV			2.71 H	5	98.8	2.9
5	#10360.00	45.7 PK	68.2	-22.5	1.55 H	60	33.7	12.0
6	15540.00	51.0 PK	74.0	-23.0	1.18 H	17	38.0	13.0
7	15540.00	38.2 AV	54.0	-15.8	1.18 H	17	25.2	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	68.1 PK	74.0	-5.9	2.27 V	83	65.1	3.0
2	5150.00	47.8 AV	54.0	-6.2	2.27 V	83	44.8	3.0
3	*5180.00	108.1 PK			2.27 V	83	105.2	2.9
4	*5180.00	97.3 AV			2.27 V	83	94.4	2.9
5	#10360.00	46.3 PK	68.2	-21.9	1.16 V	13	34.3	12.0
6	15540.00	55.6 PK	74.0	-18.4	2.12 V	196	42.6	13.0
7	15540.00	43.4 AV	54.0	-10.6	2.12 V	196	30.4	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	69.5 PK	74.0	-4.5	2.68 H	11	66.5	3.0
2	5150.00	53.2 AV	54.0	-0.8	2.68 H	11	50.2	3.0
3	*5200.00	114.7 PK			2.68 H	11	111.9	2.8
4	*5200.00	104.2 AV			2.68 H	11	101.4	2.8
5	5350.00	57.4 PK	74.0	-16.6	2.68 H	11	54.8	2.6
6	5350.00	41.4 AV	54.0	-12.6	2.68 H	11	38.8	2.6
7	#10400.00	46.3 PK	68.2	-21.9	1.53 H	59	34.2	12.1
8	15600.00	51.0 PK	74.0	-23.0	1.20 H	14	38.1	12.9
9	15600.00	38.0 AV	54.0	-16.0	1.20 H	14	25.1	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	63.3 PK	74.0	-10.7	2.45 V	93	60.3	3.0
2	5150.00	47.7 AV	54.0	-6.3	2.45 V	93	44.7	3.0
3	*5200.00	110.2 PK			2.45 V	93	107.4	2.8
4	*5200.00	99.4 AV			2.45 V	93	96.6	2.8
5	5350.00	51.8 PK	74.0	-22.2	2.45 V	93	49.2	2.6
6	5350.00	38.5 AV	54.0	-15.5	2.45 V	93	35.9	2.6
7	#10400.00	46.3 PK	68.2	-21.9	1.18 V	17	34.2	12.1
8	15600.00	56.2 PK	74.0	-17.8	2.10 V	202	43.3	12.9
9	15600.00	43.9 AV	54.0	-10.1	2.10 V	202	31.0	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	111.1 PK			2.66 H	6	108.5	2.6
2	*5240.00	101.5 AV			2.66 H	6	98.9	2.6
3	5350.00	51.1 PK	74.0	-22.9	2.66 H	6	48.5	2.6
4	5350.00	39.4 AV	54.0	-14.6	2.66 H	6	36.8	2.6
5	#10480.00	46.1 PK	68.2	-22.1	1.58 H	64	33.6	12.5
6	15720.00	50.5 PK	74.0	-23.5	1.21 H	16	38.3	12.2
7	15720.00	37.5 AV	54.0	-16.5	1.21 H	16	25.3	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	108.2 PK			2.26 V	99	105.6	2.6
2	*5240.00	97.2 AV			2.26 V	99	94.6	2.6
3	5350.00	50.5 PK	74.0	-23.5	2.24 V	99	47.9	2.6
4	5350.00	38.9 AV	54.0	-15.1	2.24 V	99	36.3	2.6
5	#10480.00	46.4 PK	68.2	-21.8	1.22 V	15	33.9	12.5
6	15720.00	56.4 PK	74.0	-17.6	2.09 V	211	44.2	12.2
7	15720.00	44.3 AV	54.0	-9.7	2.09 V	211	32.1	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5643.54	62.5 PK	68.2	-5.7	2.47 H	12	59.2	3.3
2	*5745.00	112.9 PK			2.47 H	12	109.6	3.3
3	*5745.00	102.2 AV			2.47 H	12	98.9	3.3
4	#5937.16	56.8 PK	68.2	-11.4	2.47 H	12	52.6	4.2
5	11490.00	45.1 PK	74.0	-28.9	1.43 H	54	32.5	12.6
6	11490.00	32.8 AV	54.0	-21.2	1.43 H	54	20.2	12.6
7	#17235.00	44.9 PK	68.2	-23.3	1.24 H	17	28.1	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	#5647.20	62.8 PK	68.2	-5.4	2.50 V	263	59.5	3.3
2	*5745.00	115.2 PK			2.50 V	263	111.9	3.3
3	*5745.00	104.9 AV			2.50 V	263	101.6	3.3
4	#5942.06	57.9 PK	68.2	-10.3	2.50 V	263	53.7	4.2
5	11490.00	45.2 PK	74.0	-28.8	1.34 V	21	32.6	12.6
6	11490.00	32.8 AV	54.0	-21.2	1.34 V	21	20.2	12.6
7	#17235.00	47.4 PK	68.2	-20.8	2.06 V	171	30.6	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5647.74	61.2 PK	68.2	-7.0	2.47 H	10	57.9	3.3
2	*5785.00	112.2 PK			2.47 H	10	108.8	3.4
3	*5785.00	101.9 AV			2.47 H	10	98.5	3.4
4	#5930.37	58.1 PK	68.2	-10.1	2.47 H	10	54.0	4.1
5	11570.00	45.1 PK	74.0	-28.9	1.41 H	40	32.9	12.2
6	11570.00	32.6 AV	54.0	-21.4	1.41 H	40	20.4	12.2
7	#17355.00	44.2 PK	68.2	-24.0	1.20 H	3	27.6	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	#5617.00	57.3 PK	68.2	-10.9	2.41 V	179	54.0	3.3
2	*5785.00	112.8 PK			2.41 V	179	109.4	3.4
3	*5785.00	102.1 AV			2.41 V	179	98.7	3.4
4	#5941.91	58.4 PK	68.2	-9.8	2.41 V	179	54.2	4.2
5	11570.00	45.4 PK	74.0	-28.6	1.28 V	18	33.2	12.2
6	11570.00	32.8 AV	54.0	-21.2	1.28 V	18	20.6	12.2
7	#17355.00	47.2 PK	68.2	-21.0	2.00 V	168	30.6	16.6

REMARKS:

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

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

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	#5645.43	57.0 PK	68.2	-11.2	2.44 H	9	53.7	3.3
2	*5825.00	111.3 PK			2.44 H	9	107.7	3.6
3	*5825.00	101.2 AV			2.44 H	9	97.6	3.6
4	#5925.26	58.8 PK	68.2	-9.4	2.44 H	9	54.7	4.1
5	11650.00	45.5 PK	74.0	-28.5	1.45 H	38	33.1	12.4
6	11650.00	33.0 AV	54.0	-21.0	1.45 H	38	20.6	12.4
7	#17475.00	44.9 PK	68.2	-23.3	1.20 H	33	27.9	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	#5624.73	55.2 PK	68.2	-13.0	2.81 V	181	51.9	3.3
2	*5825.00	112.5 PK			2.81 V	181	108.9	3.6
3	*5825.00	102.0 AV			2.81 V	181	98.4	3.6
4	#5931.96	61.2 PK	68.2	-7.0	2.81 V	181	57.1	4.1
5	11650.00	45.3 PK	74.0	-28.7	1.33 V	35	32.9	12.4
6	11650.00	32.7 AV	54.0	-21.3	1.33 V	35	20.3	12.4
7	#17475.00	47.3 PK	68.2	-20.9	2.09 V	168	30.3	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	72.9 PK	74.0	-1.1	2.68 H	18	69.9	3.0
2	5150.00	53.6 AV	54.0	-0.4	2.68 H	18	50.6	3.0
3	*5180.00	114.0 PK			2.68 H	18	111.1	2.9
4	*5180.00	100.6 AV			2.68 H	18	97.7	2.9
5	#10360.00	45.2 PK	68.2	-23.0	1.39 H	48	33.2	12.0
6	15540.00	45.0 PK	74.0	-29.0	1.30 H	5	32.0	13.0
7	15540.00	33.3 AV	54.0	-20.7	1.30 H	5	20.3	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	67.7 PK	74.0	-6.3	2.27 V	75	64.7	3.0
2	5150.00	47.5 AV	54.0	-6.5	2.27 V	75	44.5	3.0
3	*5180.00	110.4 PK			2.27 V	75	107.5	2.9
4	*5180.00	96.8 AV			2.27 V	75	93.9	2.9
5	#10360.00	45.2 PK	68.2	-23.0	1.35 V	31	33.2	12.0
6	15540.00	46.8 PK	74.0	-27.2	2.05 V	187	33.8	13.0
7	15540.00	34.9 AV	54.0	-19.1	2.05 V	187	21.9	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	68.6 PK	74.0	-5.4	2.73 H	18	65.6	3.0
2	5150.00	52.8 AV	54.0	-1.2	2.73 H	18	49.8	3.0
3	*5200.00	116.0 PK			2.73 H	18	113.2	2.8
4	*5200.00	103.1 AV			2.73 H	18	100.3	2.8
5	5350.00	56.8 PK	74.0	-17.2	2.73 H	18	54.2	2.6
6	5350.00	41.0 AV	54.0	-13.0	2.73 H	18	38.4	2.6
7	#10400.00	45.3 PK	68.2	-22.9	1.41 H	64	33.2	12.1
8	15600.00	45.1 PK	74.0	-28.9	1.19 H	33	32.2	12.9
9	15600.00	33.3 AV	54.0	-20.7	1.19 H	33	20.4	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	63.7 PK	74.0	-10.3	2.27 V	98	60.7	3.0
2	5150.00	46.5 AV	54.0	-7.5	2.27 V	98	43.5	3.0
3	*5200.00	112.6 PK			2.27 V	98	109.8	2.8
4	*5200.00	99.0 AV			2.27 V	98	96.2	2.8
5	5350.00	55.7 PK	74.0	-18.3	2.27 V	98	53.1	2.6
6	5350.00	40.5 AV	54.0	-13.5	2.27 V	98	37.9	2.6
7	#10400.00	45.1 PK	68.2	-23.1	1.31 V	22	33.0	12.1
8	15600.00	47.3 PK	74.0	-26.7	2.10 V	183	34.4	12.9
9	15600.00	35.0 AV	54.0	-19.0	2.10 V	183	22.1	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	53.5 PK	74.0	-20.5	2.67 H	18	50.5	3.0
2	5150.00	40.0 AV	54.0	-14.0	2.67 H	18	37.0	3.0
3	*5240.00	113.4 PK			2.67 H	18	110.8	2.6
4	*5240.00	100.6 AV			2.67 H	18	98.0	2.6
5	5350.00	52.2 PK	74.0	-21.8	2.67 H	18	49.6	2.6
6	5350.00	39.4 AV	54.0	-14.6	2.67 H	18	36.8	2.6
7	#10480.00	45.7 PK	68.2	-22.5	1.45 H	56	33.2	12.5
8	15720.00	44.9 PK	74.0	-29.1	1.18 H	31	32.7	12.2
9	15720.00	33.1 AV	54.0	-20.9	1.18 H	31	20.9	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	53.4 PK	74.0	-20.6	2.33 V	68	50.4	3.0
2	5150.00	39.8 AV	54.0	-14.2	2.33 V	68	36.8	3.0
3	*5240.00	109.8 PK			2.33 V	68	107.2	2.6
4	*5240.00	96.5 AV			2.33 V	68	93.9	2.6
5	5350.00	51.7 PK	74.0	-22.3	2.33 V	68	49.1	2.6
6	5350.00	39.1 AV	54.0	-14.9	2.33 V	68	36.5	2.6
7	#10480.00	45.2 PK	68.2	-23.0	1.35 V	35	32.7	12.5
8	15720.00	47.3 PK	74.0	-26.7	2.00 V	157	35.1	12.2
9	15720.00	35.2 AV	54.0	-18.8	2.00 V	157	23.0	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5637.25	62.8 PK	68.2	-5.4	2.19 H	16	59.5	3.3
2	*5745.00	114.1 PK			2.20 H	17	110.8	3.3
3	*5745.00	101.9 AV			2.20 H	17	98.6	3.3
4	#5950.94	55.6 PK	68.2	-12.6	2.19 H	16	51.4	4.2
5	11490.00	45.4 PK	74.0	-28.6	1.40 H	48	32.8	12.6
6	11490.00	33.2 AV	54.0	-20.8	1.40 H	48	20.6	12.6
7	#17235.00	44.4 PK	68.2	-23.8	1.19 H	32	27.6	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	#5649.42	63.9 PK	68.2	-4.3	2.25 V	262	60.6	3.3
2	*5745.00	116.4 PK			2.25 V	262	113.1	3.3
3	*5745.00	104.2 AV			2.25 V	262	100.9	3.3
4	#5934.24	56.5 PK	68.2	-11.7	2.25 V	262	52.3	4.2
5	11490.00	44.9 PK	74.0	-29.1	1.37 V	13	32.3	12.6
6	11490.00	32.3 AV	54.0	-21.7	1.37 V	13	19.7	12.6
7	#17235.00	47.9 PK	68.2	-20.3	2.05 V	184	31.1	16.8

REMARKS:

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

CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5628.80	61.5 PK	68.2	-6.7	2.27 H	14	58.2	3.3
2	*5785.00	114.3 PK			2.28 H	15	110.9	3.4
3	*5785.00	102.1 AV			2.28 H	15	98.7	3.4
4	#5926.25	58.2 PK	68.2	-10.0	2.27 H	14	54.1	4.1
5	11570.00	45.7 PK	74.0	-28.3	1.40 H	68	33.5	12.2
6	11570.00	33.2 AV	54.0	-20.8	1.40 H	68	21.0	12.2
7	#17355.00	45.2 PK	68.2	-23.0	1.29 H	21	28.6	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	#5628.77	60.6 PK	68.2	-7.6	2.35 V	271	57.3	3.3
2	*5785.00	116.2 PK			2.36 V	271	112.8	3.4
3	*5785.00	104.1 AV			2.36 V	271	100.7	3.4
4	#5929.41	60.5 PK	68.2	-7.7	2.35 V	271	56.4	4.1
5	11570.00	45.8 PK	74.0	-28.2	1.35 V	32	33.6	12.2
6	11570.00	33.2 AV	54.0	-20.8	1.35 V	32	21.0	12.2
7	#17355.00	47.4 PK	68.2	-20.8	2.01 V	159	30.8	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5649.14	57.8 PK	68.2	-10.4	2.22 H	15	54.5	3.3
2	*5825.00	114.4 PK			2.22 H	15	110.8	3.6
3	*5825.00	102.1 AV			2.22 H	15	98.5	3.6
4	#5938.43	61.3 PK	68.2	-6.9	2.22 H	15	57.1	4.2
5	11650.00	45.2 PK	74.0	-28.8	1.44 H	67	32.8	12.4
6	11650.00	32.7 AV	54.0	-21.3	1.44 H	67	20.3	12.4
7	#17475.00	44.2 PK	68.2	-24.0	1.20 H	12	27.2	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	#5634.75	58.6 PK	68.2	-9.6	2.46 V	268	55.3	3.3
2	*5825.00	115.9 PK			2.47 V	268	112.3	3.6
3	*5825.00	103.9 AV			2.47 V	268	100.3	3.6
4	#5929.73	62.6 PK	68.2	-5.6	2.46 V	268	58.5	4.1
5	11650.00	44.9 PK	74.0	-29.1	1.37 V	14	32.5	12.4
6	11650.00	32.7 AV	54.0	-21.3	1.37 V	14	20.3	12.4
7	#17475.00	48.0 PK	68.2	-20.2	2.06 V	176	31.0	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	71.4 PK	74.0	-2.6	2.65 H	20	68.4	3.0
2	5150.00	53.6 AV	54.0	-0.4	2.65 H	20	50.6	3.0
3	*5190.00	108.4 PK			2.65 H	20	105.5	2.9
4	*5190.00	95.8 AV			2.65 H	20	92.9	2.9
5	#10380.00	45.1 PK	68.2	-23.1	1.45 H	48	32.9	12.2
6	15570.00	45.3 PK	74.0	-28.7	1.27 H	18	32.3	13.0
7	15570.00	33.6 AV	54.0	-20.4	1.27 H	18	20.6	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	66.7 PK	74.0	-7.3	2.32 V	78	63.7	3.0
2	5150.00	48.6 AV	54.0	-5.4	2.32 V	78	45.6	3.0
3	*5190.00	104.8 PK			2.32 V	78	101.9	2.9
4	*5190.00	92.0 AV			2.32 V	78	89.1	2.9
5	#10380.00	45.5 PK	68.2	-22.7	1.32 V	26	33.3	12.2
6	15570.00	46.9 PK	74.0	-27.1	2.04 V	179	33.9	13.0
7	15570.00	35.1 AV	54.0	-18.9	2.04 V	179	22.1	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 46	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	63.1 PK	74.0	-10.9	2.67 H	18	60.1	3.0
2	5150.00	45.1 AV	54.0	-8.9	2.67 H	18	42.1	3.0
3	*5230.00	109.7 PK			2.67 H	18	107.1	2.6
4	*5230.00	97.7 AV			2.67 H	18	95.1	2.6
5	5350.00	54.3 PK	74.0	-19.7	2.67 H	18	51.7	2.6
6	5350.00	41.1 AV	54.0	-12.9	2.67 H	18	38.5	2.6
7	#10460.00	45.0 PK	68.2	-23.2	1.47 H	43	32.6	12.4
8	15690.00	44.9 PK	74.0	-29.1	1.29 H	30	32.5	12.4
9	15690.00	33.0 AV	54.0	-21.0	1.29 H	30	20.6	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	61.6 PK	74.0	-12.4	2.30 V	68	58.6	3.0
2	5150.00	43.5 AV	54.0	-10.5	2.30 V	68	40.5	3.0
3	*5230.00	105.9 PK			2.30 V	68	103.3	2.6
4	*5230.00	93.8 AV			2.30 V	68	91.2	2.6
5	5350.00	53.9 PK	74.0	-20.1	2.30 V	68	51.3	2.6
6	5350.00	40.5 AV	54.0	-13.5	2.30 V	68	37.9	2.6
7	#10460.00	45.1 PK	68.2	-23.1	1.29 V	12	32.7	12.4
8	15690.00	48.0 PK	74.0	-26.0	2.07 V	161	35.6	12.4
9	15690.00	35.9 AV	54.0	-18.1	2.07 V	161	23.5	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.

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

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	#5646.90	65.1 PK	68.2	-3.1	2.38 H	17	61.8	3.3
2	*5755.00	110.1 PK			2.39 H	18	106.8	3.3
3	*5755.00	97.7 AV			2.39 H	18	94.4	3.3
4	#5942.43	56.6 PK	68.2	-11.6	2.38 H	17	52.4	4.2
5	11510.00	45.6 PK	74.0	-28.4	1.37 H	55	33.1	12.5
6	11510.00	33.2 AV	54.0	-20.8	1.37 H	55	20.7	12.5
7	#17265.00	45.5 PK	68.2	-22.7	1.29 H	23	28.9	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	#5633.85	66.1 PK	68.2	-2.1	2.68 V	263	62.8	3.3
2	*5755.00	112.8 PK			2.68 V	263	109.5	3.3
3	*5755.00	100.6 AV			2.68 V	263	97.3	3.3
4	#5931.81	61.1 PK	68.2	-7.1	2.68 V	263	57.0	4.1
5	11510.00	45.9 PK	74.0	-28.1	1.38 V	32	33.4	12.5
6	11510.00	33.2 AV	54.0	-20.8	1.38 V	32	20.7	12.5
7	#17265.00	46.9 PK	68.2	-21.3	2.09 V	181	30.3	16.6

REMARKS:

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

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

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	#5645.61	67.8 PK	68.2	-0.4	2.45 H	14	64.5	3.3
2	*5795.00	112.9 PK			2.46 H	15	109.4	3.5
3	*5795.00	99.3 AV			2.46 H	15	95.8	3.5
4	#5939.99	64.0 PK	68.2	-4.2	2.45 H	14	59.8	4.2
5	11590.00	45.3 PK	74.0	-28.7	1.44 H	44	33.0	12.3
6	11590.00	32.8 AV	54.0	-21.2	1.44 H	44	20.5	12.3
7	#17385.00	44.9 PK	68.2	-23.3	1.29 H	16	28.4	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	#5639.11	67.8 PK	68.2	-0.4	2.79 V	264	64.5	3.3
2	*5795.00	115.2 PK			2.79 V	264	111.7	3.5
3	*5795.00	101.8 AV			2.79 V	264	98.3	3.5
4	#5958.88	67.0 PK	68.2	-1.2	2.79 V	264	62.8	4.2
5	11590.00	45.4 PK	74.0	-28.6	1.28 V	8	33.1	12.3
6	11590.00	33.2 AV	54.0	-20.8	1.28 V	8	20.9	12.3
7	#17385.00	46.9 PK	68.2	-21.3	2.06 V	162	30.4	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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	72.0 PK	74.0	-2.0	2.61 H	19	69.0	3.0
2	5150.00	53.8 AV	54.0	-0.2	2.61 H	19	50.8	3.0
3	*5210.00	105.5 PK			2.61 H	19	102.8	2.7
4	*5210.00	92.8 AV			2.61 H	19	90.1	2.7
5	5350.00	57.2 PK	74.0	-16.8	2.61 H	19	54.6	2.6
6	5350.00	43.9 AV	54.0	-10.1	2.61 H	19	41.3	2.6
7	#10420.00	45.0 PK	68.2	-23.2	1.46 H	68	32.7	12.3
8	15630.00	45.1 PK	74.0	-28.9	1.28 H	11	32.4	12.7
9	15630.00	33.2 AV	54.0	-20.8	1.28 H	11	20.5	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	65.3 PK	74.0	-8.7	2.37 V	82	62.3	3.0
2	5150.00	47.6 AV	54.0	-6.4	2.37 V	82	44.6	3.0
3	*5210.00	102.4 PK			2.37 V	82	99.7	2.7
4	*5210.00	89.5 AV			2.37 V	82	86.8	2.7
5	5350.00	55.0 PK	74.0	-19.0	2.37 V	82	52.4	2.6
6	5350.00	41.7 AV	54.0	-12.3	2.37 V	82	39.1	2.6
7	#10420.00	44.6 PK	68.2	-23.6	1.33 V	15	32.3	12.3
8	15630.00	48.0 PK	74.0	-26.0	2.05 V	174	35.3	12.7
9	15630.00	35.8 AV	54.0	-18.2	2.05 V	174	23.1	12.7

REMARKS:

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

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	#5647.42	67.8 PK	68.2	-0.4	2.28 H	16	64.5	3.3
2	*5775.00	106.2 PK			2.29 H	17	102.8	3.4
3	*5775.00	93.8 AV			2.29 H	17	90.4	3.4
4	#5938.28	60.5 PK	68.2	-7.7	2.28 H	16	56.3	4.2
5	11550.00	45.3 PK	74.0	-28.7	1.44 H	60	32.9	12.4
6	11550.00	33.2 AV	54.0	-20.8	1.44 H	60	20.8	12.4
7	#17325.00	44.8 PK	68.2	-23.4	1.22 H	4	28.1	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	**#5648.79**	**68.1 PK**	**68.2**	**-0.1**	**2.68 V**	**264**	**64.8**	**3.3**
2	*5775.00	108.4 PK			2.68 V	264	105.0	3.4
3	*5775.00	96.4 AV			2.68 V	264	93.0	3.4
4	#5932.47	62.8 PK	68.2	-5.4	2.68 V	264	58.7	4.1
5	11550.00	45.2 PK	74.0	-28.8	1.34 V	21	32.8	12.4
6	11550.00	32.7 AV	54.0	-21.3	1.34 V	21	20.3	12.4
7	#17325.00	47.2 PK	68.2	-21.0	2.11 V	163	30.5	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

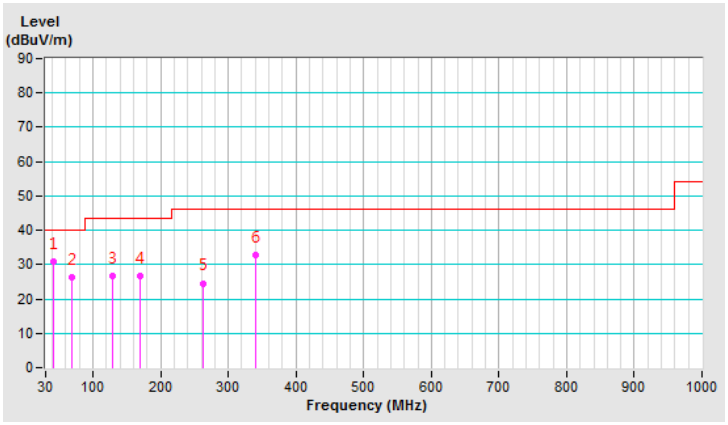
802.11ax (HE40)

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	40.84	31.0 QP	40.0	-9.0	2.00 H	0	39.0	-8.0
2	68.80	26.2 QP	40.0	-13.8	1.00 H	183	36.2	-10.0
3	128.12	26.6 QP	43.5	-16.9	1.50 H	66	35.2	-8.6
4	170.14	26.8 QP	43.5	-16.7	1.00 H	229	34.4	-7.6
5	262.29	24.6 QP	46.0	-21.4	3.00 H	128	32.4	-7.8
6	340.62	32.7 QP	46.0	-13.3	1.00 H	73	37.9	-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.

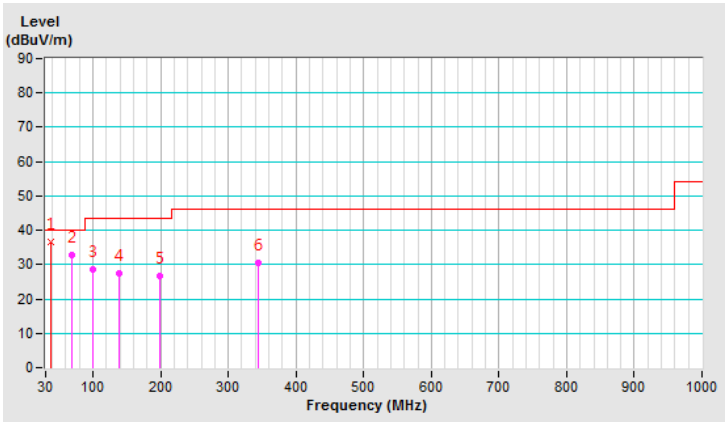


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

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	37.72	36.6 QP	40.0	-3.4	1.00 V	112	44.9	-8.3
2	68.29	32.8 QP	40.0	-7.2	1.50 V	236	42.7	-9.9
3	100.25	28.5 QP	43.5	-15.0	1.50 V	29	40.2	-11.7
4	139.52	27.4 QP	43.5	-16.1	1.50 V	4	35.0	-7.6
5	198.51	26.6 QP	43.5	-16.9	1.00 V	8	37.0	-10.4
6	343.79	30.4 QP	46.0	-15.6	1.50 V	6	35.6	-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: Jan. 17, 2020

4.2.3 Test Procedure

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.

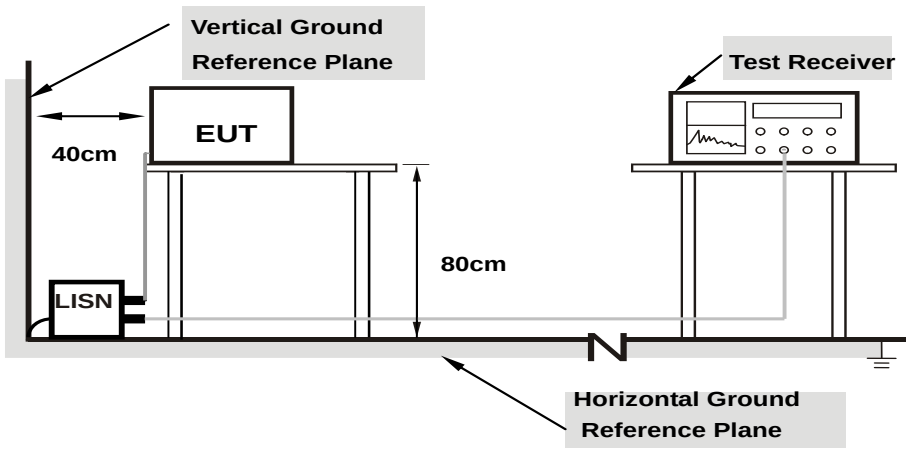
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



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

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

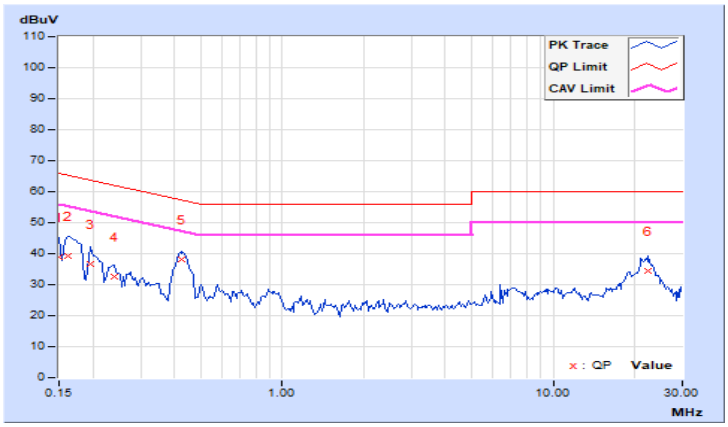
4.2.7 Test Results

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

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	28.95	8.15	38.92	18.12	66.00	56.00	-27.08	-37.88
2	0.16172	9.97	29.24	13.57	39.21	23.54	65.38	55.38	-26.17	-31.84
3	0.19687	9.97	26.57	11.67	36.54	21.64	63.74	53.74	-27.20	-32.10
4	0.23984	9.97	22.59	11.53	32.56	21.50	62.10	52.10	-29.54	-30.60
5	0.42734	9.98	28.28	18.56	38.26	28.54	57.30	47.30	-19.04	-18.76
6	22.46484	11.12	23.42	17.39	34.54	28.51	60.00	50.00	-25.46	-21.49

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

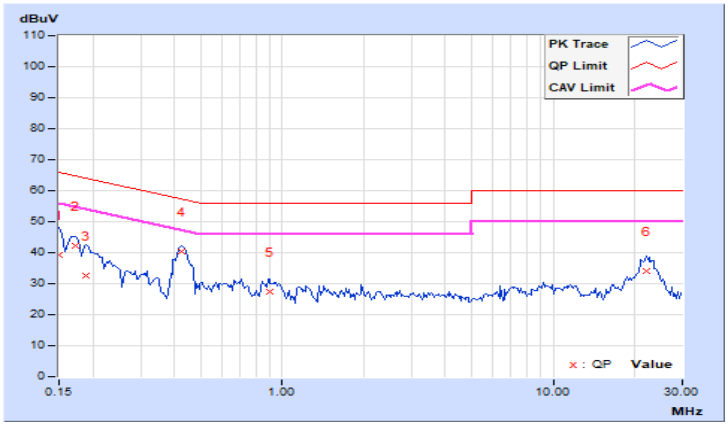


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)

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	29.21	8.66	39.18	18.63	66.00	56.00	-26.82	-37.37
2	0.17344	9.97	32.36	21.92	42.33	31.89	64.79	54.79	-22.46	-22.90
3	0.18906	9.97	22.51	1.49	32.48	11.46	64.08	54.08	-31.60	-42.62
4	**0.42344**	**9.98**	**30.52**	**20.68**	**40.50**	**30.66**	**57.38**	**47.38**	**-16.88**	**-16.72**
5	0.89609	10.01	17.32	8.58	27.33	18.59	56.00	46.00	-28.67	-27.41
6	22.19531	10.84	23.36	17.27	34.20	28.11	60.00	50.00	-25.80	-21.89

Remarks:

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



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

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

*B is the 26 dB emission bandwidth in megahertz

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

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

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

4.3.2 Test Setup

4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

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

4.3.7 Test Result (Mode 1)

Non-Beamforming Mode

802.11a

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.33	18.12	17.28	17.24	239.362	23.79	30.00	Pass
40	5200	18.28	18.09	17.29	17.28	238.751	23.78	30.00	Pass
48	5240	18.32	18.54	17.45	17.34	249.16	23.96	30.00	Pass
149	5745	21.96	21.06	21.49	21.77	575.923	27.60	30.00	Pass
157	5785	21.92	20.85	21.44	21.72	565.126	27.52	30.00	Pass
165	5825	21.95	20.84	21.35	21.47	554.753	27.44	30.00	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.24	18.17	17.41	17.31	241.204	23.82	30.00	Pass
40	5200	18.30	18.14	17.17	17.15	236.77	23.74	30.00	Pass
48	5240	18.15	18.42	17.11	17.06	237.035	23.75	30.00	Pass
149	5745	22.98	22.39	22.77	23.01	761.209	28.82	30.00	Pass
157	5785	22.93	22.05	22.69	22.88	736.53	28.67	30.00	Pass
165	5825	23.04	22.07	22.36	22.59	716.176	28.55	30.00	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	16.50	16.96	15.48	15.66	166.458	22.21	30.00	Pass
46	5230	21.03	21.16	20.61	20.37	481.355	26.82	30.00	Pass
151	5755	23.51	22.78	23.08	23.43	837.588	29.23	30.00	Pass
159	5795	23.79	22.89	23.16	23.45	862.191	29.36	30.00	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	15.65	15.82	14.55	14.69	132.876	21.23	30.00	Pass
155	5775	19.77	18.81	19.15	19.30	338.213	25.29	30.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.37	18.31	17.52	17.44	248.428	23.95	30.00	Pass
40	5200	18.42	18.29	17.31	17.29	244.362	23.88	30.00	Pass
48	5240	18.25	18.54	17.23	17.19	243.489	23.86	30.00	Pass
149	5745	23.06	22.48	22.89	23.12	778.965	28.92	30.00	Pass
157	5785	23.02	22.17	22.78	22.96	752.631	28.77	30.00	Pass
165	5825	23.14	22.16	22.48	22.72	734.579	28.66	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	16.62	17.04	15.62	15.78	170.821	22.33	30.00	Pass
46	5230	21.11	21.26	20.74	20.49	493.303	26.93	30.00	Pass
151	5755	23.62	22.91	23.21	23.56	861.975	29.35	30.00	Pass
159	5795	23.92	23.00	23.30	23.56	886.912	29.48	30.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	15.77	15.93	14.65	14.77	136.097	21.34	30.00	Pass
155	5775	19.86	18.92	19.27	19.43	347.039	25.40	30.00	Pass

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.37	18.31	17.52	17.31	246.792	23.92	23.98	Pass
40	5200	18.42	18.29	17.31	17.15	242.662	23.85	23.98	Pass
48	5240	18.25	18.54	17.23	17.06	241.945	23.84	23.98	Pass
149	5745	17.69	17.61	17.76	17.80	236.386	23.74	23.98	Pass
157	5785	17.99	17.86	17.55	17.68	239.544	23.79	23.98	Pass
165	5825	18.11	17.98	17.13	17.40	234.116	23.69	23.98	Pass

Note: 1. Directional gain = 6dBi + 10log(4) = 12.02dBi > 6dBi , so the power limit shall be reduced to 30-(12.02-6) = 23.98dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	16.62	17.04	15.62	15.66	169.79	22.30	23.98	Pass
46	5230	18.19	18.28	17.09	17.28	237.839	23.76	23.98	Pass
151	5755	17.85	17.92	17.34	17.47	232.945	23.67	23.98	Pass
159	5795	17.98	17.85	17.12	17.36	229.733	23.61	23.98	Pass

Note: 1. Directional gain = 6dBi + 10log(4) = 12.02dBi > 6dBi , so the power limit shall be reduced to 30-(12.02-6) = 23.98dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	15.77	15.93	14.65	14.69	135.549	21.32	23.98	Pass
155	5775	18.01	17.79	17.09	17.43	229.861	23.61	23.98	Pass

Note: 1. Directional gain = 6dBi + 10log(4) = 12.02dBi > 6dBi , so the power limit shall be reduced to 30-(12.02-6) = 23.98dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
36	5180	18.37	18.31	17.52	17.44	248.428	23.95	23.98	Pass
40	5200	18.42	18.29	17.31	17.29	244.362	23.88	23.98	Pass
48	5240	18.25	18.54	17.23	17.19	243.489	23.86	23.98	Pass
149	5745	17.81	17.72	17.88	17.89	242.445	23.85	23.98	Pass
157	5785	18.09	17.95	17.66	17.80	245.391	23.90	23.98	Pass
165	5825	18.22	18.07	17.22	17.53	239.842	23.80	23.98	Pass

Note: 1. Directional gain = 6dBi + 10log(4) = 12.02dBi > 6dBi , so the power limit shall be reduced to 30-(12.02-6) = 23.98dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
38	5190	16.62	17.04	15.62	15.78	170.821	22.33	23.98	Pass
46	5230	18.31	18.39	17.22	17.41	244.592	23.88	23.98	Pass
151	5755	17.97	18.03	17.46	17.59	239.325	23.79	23.98	Pass
159	5795	18.07	17.96	17.26	17.50	236.083	23.73	23.98	Pass

Note: 1. Directional gain = 6dBi + 10log(4) = 12.02dBi > 6dBi , so the power limit shall be reduced to 30-(12.02-6) = 23.98dBm.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)				Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1	Chain 2	Chain 3				
42	5210	15.77	15.93	14.65	14.77	136.097	21.34	23.98	Pass
155	5775	18.13	17.91	17.22	17.55	236.423	23.74	23.98	Pass

Note: 1. Directional gain = 6dBi + 10log(4) = 12.02dBi > 6dBi , so the power limit shall be reduced to 30-(12.02-6) = 23.98dBm.

4.3.8 Test Result (Mode 2)

Non-Beamforming Mode

802.11a

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
36	5180	19.85	19.24	19.61	271.962	24.35	30.00	Pass
40	5200	20.65	19.83	20.03	312.999	24.96	30.00	Pass
48	5240	20.52	19.77	20.16	311.315	24.93	30.00	Pass
149	5745	24.14	23.89	24.28	772.241	28.88	30.00	Pass
157	5785	24.04	23.86	24.11	754.365	28.78	30.00	Pass
165	5825	23.82	23.52	23.66	698.17	28.44	30.00	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
36	5180	18.72	17.88	18.43	205.512	23.13	30.00	Pass
40	5200	20.45	19.96	20.41	319.901	25.05	30.00	Pass
48	5240	20.59	19.97	20.19	318.335	25.03	30.00	Pass
149	5745	24.03	23.95	24.28	769.16	28.86	30.00	Pass
157	5785	24.06	23.82	24.13	754.495	28.78	30.00	Pass
165	5825	23.77	23.49	23.68	694.935	28.42	30.00	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
38	5190	17.64	16.55	17.03	153.728	21.87	30.00	Pass
46	5230	21.72	21.11	21.24	410.761	26.14	30.00	Pass
151	5755	23.95	23.16	23.61	684.942	28.36	30.00	Pass
159	5795	24.15	23.44	23.73	716.864	28.55	30.00	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
42	5210	16.63	15.18	16.12	119.913	20.79	30.00	Pass
155	5775	20.47	19.70	19.78	299.814	24.77	30.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
36	5180	18.79	18.02	18.59	211.347	23.25	30.00	Pass
40	5200	20.59	20.08	20.54	329.65	25.18	30.00	Pass
48	5240	20.72	20.11	20.34	328.74	25.17	30.00	Pass
149	5745	24.19	24.07	24.45	796.304	29.01	30.00	Pass
157	5785	24.22	23.96	24.32	783.523	28.94	30.00	Pass
165	5825	23.92	23.63	23.83	718.825	28.57	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
38	5190	17.77	16.68	17.23	159.245	22.02	30.00	Pass
46	5230	21.87	21.25	21.38	424.571	26.28	30.00	Pass
151	5755	24.08	23.33	23.76	708.821	28.51	30.00	Pass
159	5795	24.29	23.56	23.88	739.863	28.69	30.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
42	5210	16.77	15.29	16.28	123.802	20.93	30.00	Pass
155	5775	20.63	19.84	19.93	310.395	24.92	30.00	Pass

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
36	5180	18.72	17.88	18.43	205.512	23.13	25.23	Pass
40	5200	20.45	19.96	20.41	319.901	25.05	25.23	Pass
48	5240	20.59	19.97	20.19	318.335	25.03	25.23	Pass
149	5745	20.15	20.07	20.38	314.283	24.97	25.23	Pass
157	5785	20.17	20.03	20.40	314.333	24.97	25.23	Pass
165	5825	20.29	19.92	20.43	315.488	24.99	25.23	Pass

Note: 1. The directional gain =6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
38	5190	17.64	16.55	17.03	153.728	21.87	25.23	Pass
46	5230	20.41	19.89	20.06	308.791	24.90	25.23	Pass
151	5755	20.47	19.88	20.28	315.364	24.99	25.23	Pass
159	5795	20.61	19.92	20.30	320.407	25.06	25.23	Pass

Note: 1. The directional gain =6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
42	5210	16.63	15.18	16.12	119.913	20.79	25.23	Pass
155	5775	20.47	19.70	19.78	299.814	24.77	25.23	Pass

Note: 1. The directional gain =6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
36	5180	18.79	18.02	18.59	211.347	23.25	25.23	Pass
40	5200	20.59	20.08	20.54	329.65	25.18	25.23	Pass
48	5240	20.72	20.11	20.34	328.74	25.17	25.23	Pass
149	5745	20.31	20.22	20.53	325.575	25.13	25.23	Pass
157	5785	20.33	20.17	20.44	322.549	25.09	25.23	Pass
165	5825	20.45	20.03	20.57	325.635	25.13	25.23	Pass

Note: 1. The directional gain =6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
38	5190	17.77	16.68	17.23	159.245	22.02	25.23	Pass
46	5230	20.57	20.03	20.21	319.672	25.05	25.23	Pass
151	5755	20.62	20.03	20.43	326.446	25.14	25.23	Pass
159	5795	20.79	20.06	20.33	329.236	25.18	25.23	Pass

Note: 1. The directional gain =6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)			Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 2	Chain 3				
42	5210	16.77	15.29	16.28	123.802	20.93	25.23	Pass
155	5775	20.63	19.84	19.93	310.395	24.92	25.23	Pass

Note: 1. The directional gain =6dBi + 10log(3) = 10.77dBi > 6dBi, so the power limit shall be reduced to 30-(10.77-6) = 25.23dBm.

4.3.9 Test Result (Mode 3)

Non-Beamforming Mode

802.11a

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	19.78	19.85	191.665	22.83	30.00	Pass
40	5200	23.02	22.87	394.089	25.96	30.00	Pass
48	5240	22.04	21.98	317.717	25.02	30.00	Pass
149	5745	23.82	24.05	495.088	26.95	30.00	Pass
157	5785	23.76	24.03	490.614	26.91	30.00	Pass
165	5825	23.37	23.77	455.502	26.58	30.00	Pass

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.67	18.82	149.829	21.76	30.00	Pass
40	5200	22.51	22.62	361.048	25.58	30.00	Pass
48	5240	22.01	22.07	319.92	25.05	30.00	Pass
149	5745	23.76	23.92	484.288	26.85	30.00	Pass
157	5785	23.71	23.89	479.869	26.81	30.00	Pass
165	5825	23.58	23.69	461.918	26.65	30.00	Pass

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	17.95	17.18	114.613	20.59	30.00	Pass
46	5230	21.67	21.06	274.537	24.39	30.00	Pass
151	5755	23.91	23.80	485.92	26.87	30.00	Pass
159	5795	23.75	23.52	462.042	26.65	30.00	Pass

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.41	17.33	109.156	20.38	30.00	Pass
155	5775	20.73	20.58	232.592	23.67	30.00	Pass

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.84	18.98	155.628	21.92	30.00	Pass
40	5200	22.64	22.76	372.453	25.71	30.00	Pass
48	5240	22.15	22.21	330.4	25.19	30.00	Pass
149	5745	23.91	24.09	502.485	27.01	30.00	Pass
157	5785	23.84	24.02	494.451	26.94	30.00	Pass
165	5825	23.74	23.85	479.253	26.81	30.00	Pass

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	18.08	17.32	118.22	20.73	30.00	Pass
46	5230	21.84	21.23	285.496	24.56	30.00	Pass
151	5755	24.02	23.96	501.234	27.00	30.00	Pass
159	5795	23.86	23.67	476.029	26.78	30.00	Pass

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.57	17.49	113.253	20.54	30.00	Pass
155	5775	20.87	20.73	240.484	23.81	30.00	Pass

Beamforming Mode

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.67	18.82	149.829	21.76	26.99	Pass
40	5200	22.51	22.62	361.048	25.58	26.99	Pass
48	5240	22.01	22.07	319.92	25.05	26.99	Pass
149	5745	23.76	23.92	484.288	26.85	26.99	Pass
157	5785	23.71	23.89	479.869	26.81	26.99	Pass
165	5825	23.58	23.69	461.918	26.65	26.99	Pass

Note: 1. The directional gain =6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	17.95	17.18	114.613	20.59	26.99	Pass
46	5230	21.67	21.06	274.537	24.39	26.99	Pass
151	5755	23.91	23.80	485.92	26.87	26.99	Pass
159	5795	23.75	23.52	462.042	26.65	26.99	Pass

Note: 1. The directional gain =6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.41	17.33	109.156	20.38	26.99	Pass
155	5775	20.73	20.58	232.592	23.67	26.99	Pass

Note: 1. The directional gain =6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	18.84	18.98	155.628	21.92	26.99	Pass
40	5200	22.64	22.76	372.453	25.71	26.99	Pass
48	5240	22.15	22.21	330.4	25.19	26.99	Pass
149	5745	23.88	24.06	499.026	26.98	26.99	Pass
157	5785	23.84	24.02	494.451	26.94	26.99	Pass
165	5825	23.74	23.85	479.253	26.81	26.99	Pass

Note: 1. The directional gain =6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	18.08	17.32	118.22	20.73	26.99	Pass
46	5230	21.84	21.23	285.496	24.56	26.99	Pass
151	5755	24.00	23.94	498.931	26.98	26.99	Pass
159	5795	23.86	23.67	476.029	26.78	26.99	Pass

Note: 1. The directional gain =6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	17.57	17.49	113.253	20.54	26.99	Pass
155	5775	20.87	20.73	240.484	23.81	26.99	Pass

Note: 1. The directional gain =6dBi + 10log(2) = 9.01dBi > 6dBi, so the power limit shall be reduced to 30-(9.01-6) = 26.99dBm.

4.3.10 Test Result (Mode 4)

Non-Beamforming Mode

802.11a

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	138.676	21.42	30.00	Pass
40	5200	205.589	23.13	30.00	Pass
48	5240	204.644	23.11	30.00	Pass
149	5745	258.226	24.12	30.00	Pass
157	5785	254.097	24.05	30.00	Pass
165	5825	242.103	23.84	30.00	Pass

802.11ac (VHT20)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	114.025	20.57	30.00	Pass
40	5200	203.704	23.09	30.00	Pass
48	5240	161.065	22.07	30.00	Pass
149	5745	257.632	24.11	30.00	Pass
157	5785	249.459	23.97	30.00	Pass
165	5825	243.22	23.86	30.00	Pass

802.11ac (VHT40)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	85.31	19.31	30.00	Pass
46	5230	205.116	23.12	30.00	Pass
151	5755	256.448	24.09	30.00	Pass
159	5795	243.781	23.87	30.00	Pass

802.11ac (VHT80)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
42	5210	72.277	18.59	30.00	Pass
155	5775	126.765	21.03	30.00	Pass

802.11ax (HE20)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	118.577	20.74	30.00	Pass
40	5200	212.324	23.27	30.00	Pass
48	5240	167.88	22.25	30.00	Pass
149	5745	264.85	24.23	30.00	Pass
157	5785	257.632	24.11	30.00	Pass
165	5825	252.348	24.02	30.00	Pass

802.11ax (HE40)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	88.92	19.49	30.00	Pass
46	5230	212.324	23.27	30.00	Pass
151	5755	267.301	24.27	30.00	Pass
159	5795	252.348	24.02	30.00	Pass

802.11ax (HE80)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
42	5210	76.208	18.82	30.00	Pass
155	5775	132.434	21.22	30.00	Pass

4.3.11 Test Result (Mode 5)

Non-Beamforming Mode

802.11a

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	51.88	17.15	30.00	Pass
40	5200	75.509	18.78	30.00	Pass
48	5240	46.452	16.67	30.00	Pass
149	5745	106.17	20.26	30.00	Pass
157	5785	100.925	20.04	30.00	Pass
165	5825	99.77	19.99	30.00	Pass

802.11ac (VHT20)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	54.954	17.40	30.00	Pass
40	5200	84.723	19.28	30.00	Pass
48	5240	50.119	17.00	30.00	Pass
149	5745	108.393	20.35	30.00	Pass
157	5785	104.472	20.19	30.00	Pass
165	5825	99.083	19.96	30.00	Pass

802.11ac (VHT40)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	30.13	14.79	30.00	Pass
46	5230	49.888	16.98	30.00	Pass
151	5755	92.257	19.65	30.00	Pass
159	5795	108.143	20.34	30.00	Pass

802.11ac (VHT80)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
42	5210	33.189	15.21	30.00	Pass
155	5775	69.823	18.44	30.00	Pass

802.11ax (HE20)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	56.364	17.51	30.00	Pass
40	5200	86.896	19.39	30.00	Pass
48	5240	51.642	17.13	30.00	Pass
149	5745	111.173	20.46	30.00	Pass
157	5785	107.647	20.32	30.00	Pass
165	5825	100.693	20.03	30.00	Pass

802.11ax (HE40)

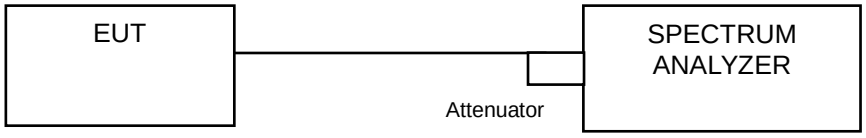
Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	31.046	14.92	30.00	Pass
46	5230	50.816	17.06	30.00	Pass
151	5755	94.624	19.76	30.00	Pass
159	5795	111.429	20.47	30.00	Pass

802.11ax (HE80)

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
42	5210	34.198	15.34	30.00	Pass
155	5775	71.945	18.57	30.00	Pass

4.4 Occupied Bandwidth Measurement

4.4.1 Test Setup



4.4.2 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.4.3 Test Procedure

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

4.4.4 Test Results (Mode 1)

802.11a

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	17.04	17.16	17.16	16.92
40	5200	17.04	17.16	17.04	16.80
48	5240	16.92	17.16	17.04	16.92
149	5745	17.57	17.22	17.40	17.76
157	5785	17.40	17.28	17.40	18.24
165	5825	17.16	17.04	17.28	17.76

802.11ax (HE20)

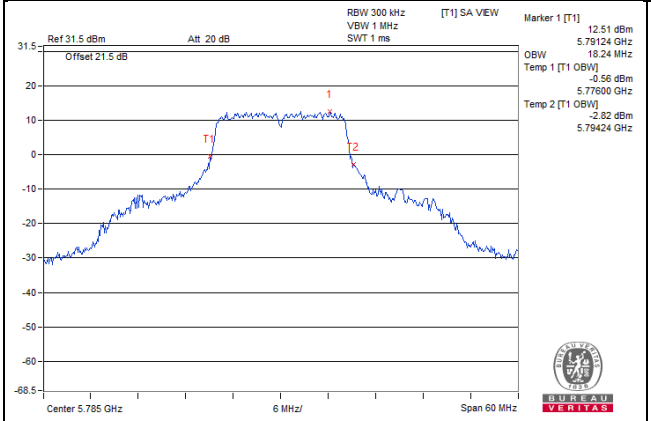
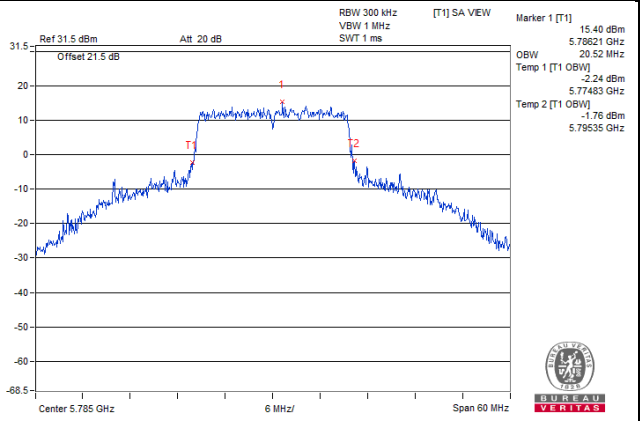
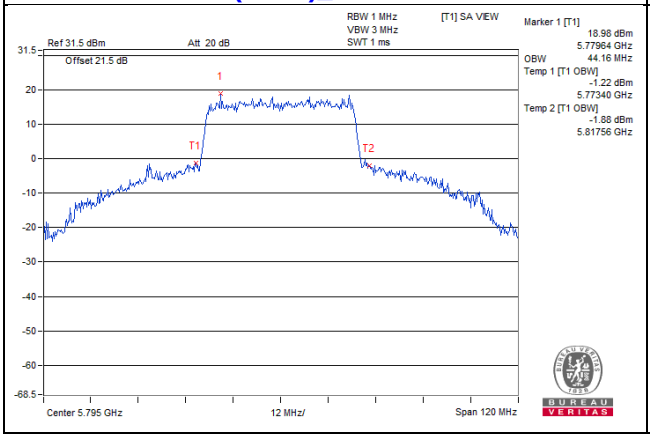
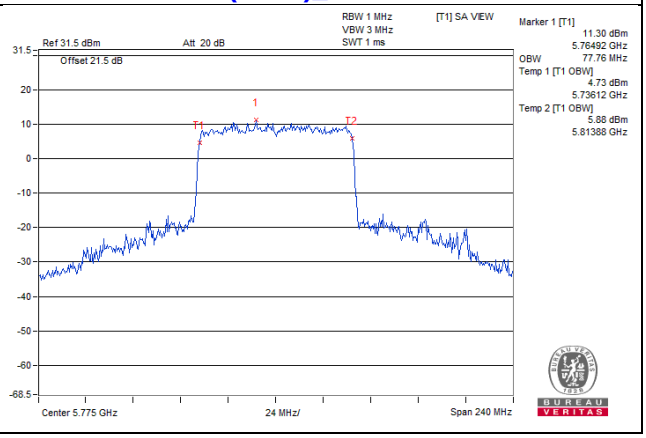
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
36	5180	19.08	19.14	19.14	19.20
40	5200	19.20	19.14	19.20	19.22
48	5240	19.08	19.22	19.20	19.31
149	5745	19.44	19.44	19.80	20.40
157	5785	19.44	19.20	19.68	20.52
165	5825	19.32	19.32	19.44	20.40

802.11ax (HE40)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
38	5190	37.92	37.92	37.92	37.68
46	5230	37.92	38.88	37.92	37.92
151	5755	38.88	38.16	38.88	39.84
159	5795	38.64	38.16	38.88	44.16

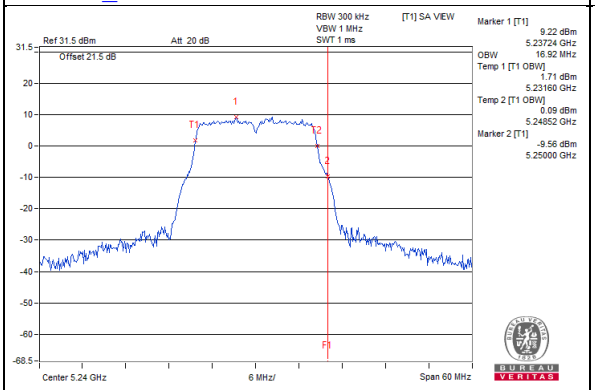
802.11ax (HE80)

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)			
		Chain 0	Chain 1	Chain 2	Chain 3
42	5210	77.28	76.80	77.28	77.28
155	5775	76.80	77.28	77.28	77.76

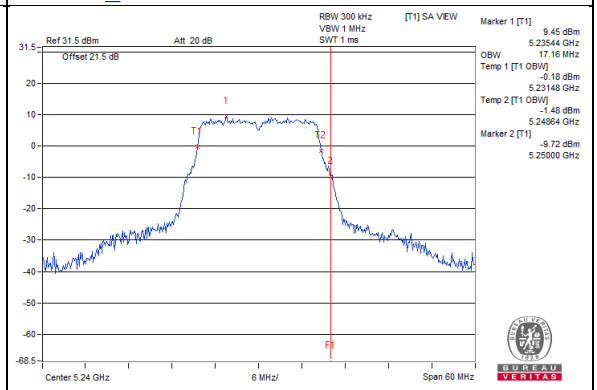
Spectrum Plot of Max. Value	
802.11a_Chain 3 / CH157	**802.11ax (HE20)_Chain 3 / CH157**
	
802.11ax (HE40)_Chain 3 / CH159	**802.11ax (HE80)_Chain 3 / CH155**
	

Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

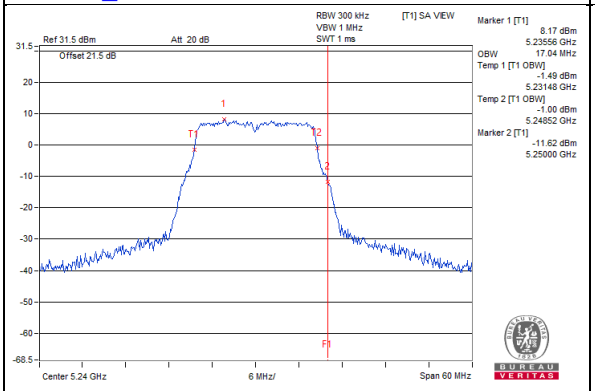
802.11a_Chain 0 / CH48



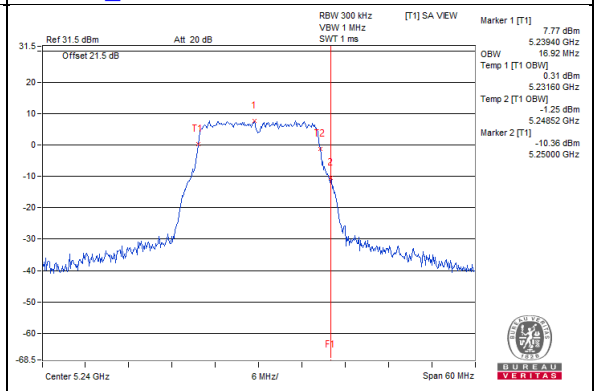
802.11a_Chain 1 / CH48



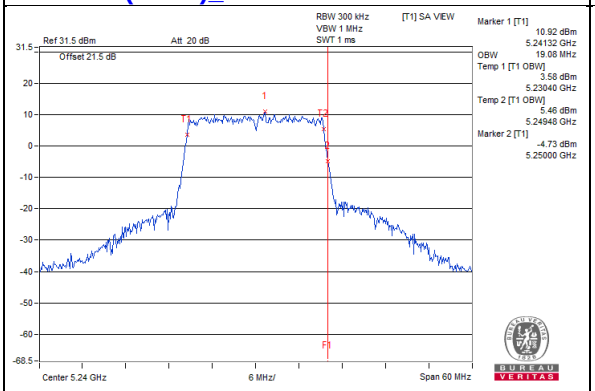
802.11a_Chain 2 / CH48



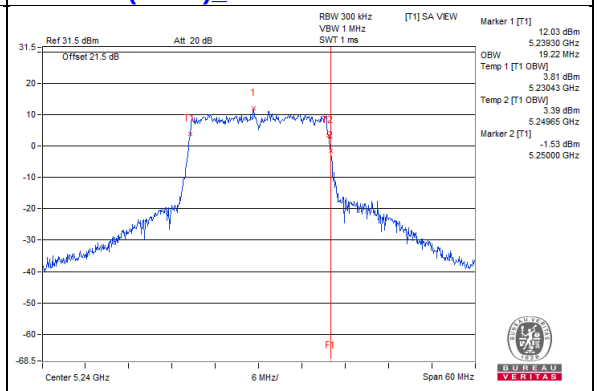
802.11a_Chain 3 / CH48



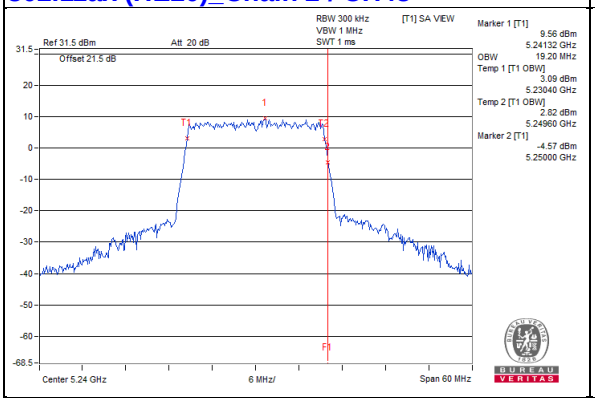
802.11ax (HE20)_Chain 0 / CH48



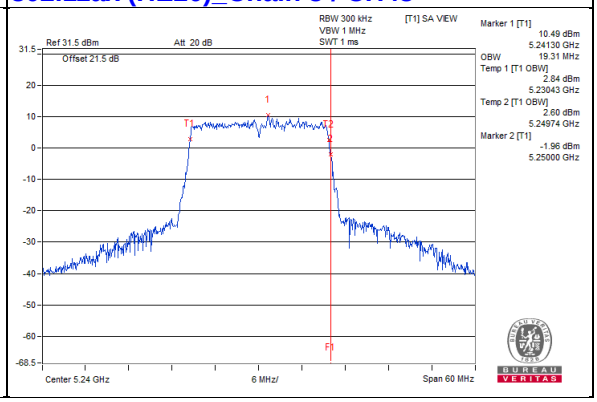
802.11ax (HE20)_Chain 1 / CH48



802.11ax (HE20)_Chain 2 / CH48

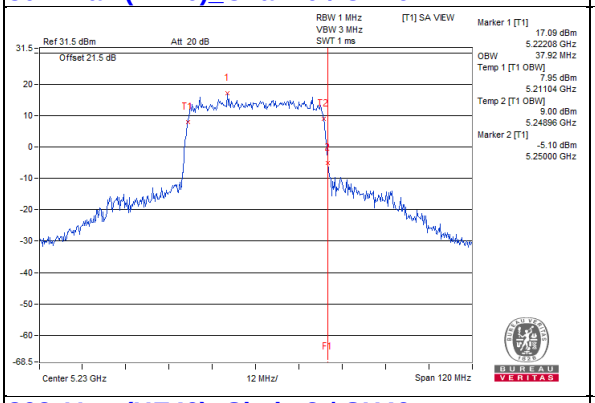


802.11ax (HE20)_Chain 3 / CH48

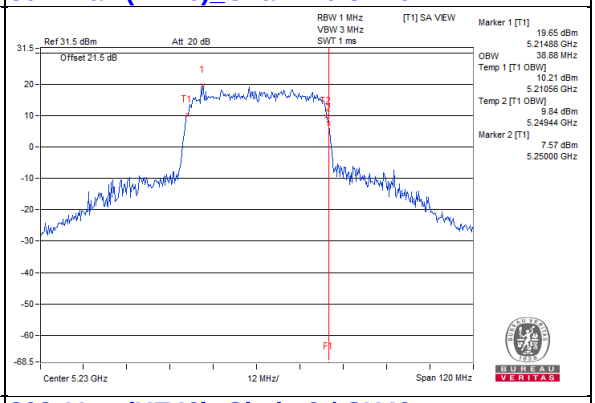


Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

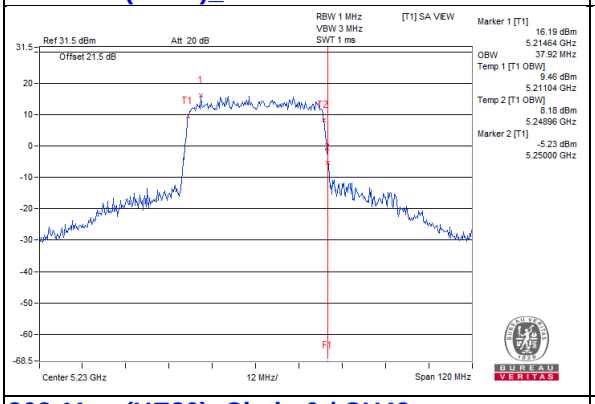
802.11ax (HE40)_Chain 0 / CH46



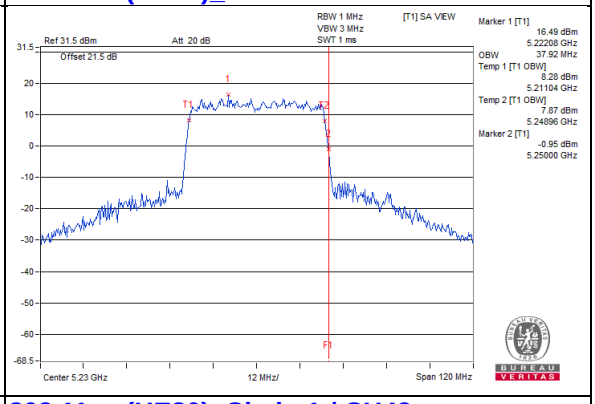
802.11ax (HE40)_Chain 1 / CH46



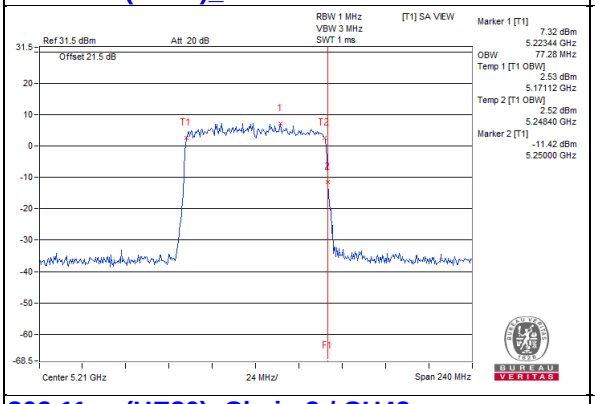
802.11ax (HE40)_Chain 2 / CH46



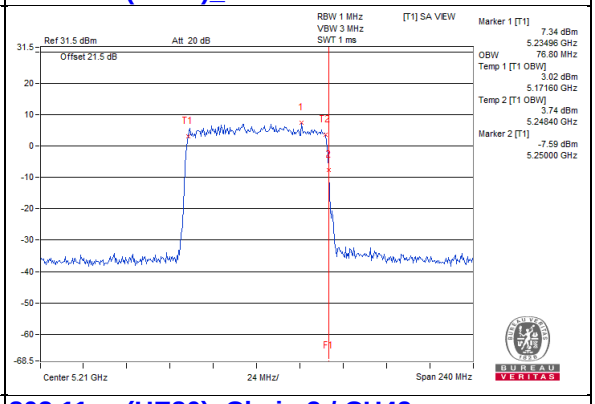
802.11ax (HE40)_Chain 3 / CH46



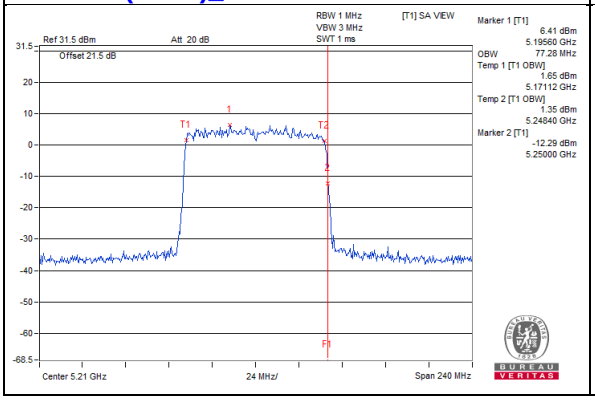
802.11ax (HE80)_Chain 0 / CH42



802.11ax (HE80)_Chain 1 / CH42



802.11ax (HE80)_Chain 2 / CH42



802.11ax (HE80)_Chain 3 / CH42