

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	52.7 PK	74.0	-21.3	2.95 H	295	37.7	15.0
2	11650.00	40.6 AV	54.0	-13.4	2.95 H	295	25.6	15.0
3	#17475.00	58.1 PK	74.0	-15.9	2.74 H	303	37.0	21.1
4	#17475.00	45.2 AV	54.0	-8.8	2.74 H	303	24.1	21.1
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	11650.00	53.0 PK	74.0	-21.0	1.89 V	63	38.0	15.0
2	11650.00	39.8 AV	54.0	-14.2	1.89 V	63	24.8	15.0
3	#17475.00	58.2 PK	74.0	-15.8	1.57 V	81	37.1	21.1
4	#17475.00	46.1 AV	54.0	-7.9	1.57 V	81	25.0	21.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

802.11n (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	51.3 PK	74.0	-22.7	2.95 H	299	37.7	13.6
2	#10360.00	38.7 AV	54.0	-15.3	2.95 H	299	25.1	13.6
3	15540.00	56.7 PK	74.0	-17.3	2.77 H	292	41.0	15.7
4	15540.00	44.2 AV	54.0	-9.8	2.77 H	292	28.5	15.7
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	#10360.00	52.2 PK	74.0	-21.8	1.86 V	77	38.6	13.6
2	#10360.00	41.0 AV	54.0	-13.0	1.86 V	77	27.4	13.6
3	15540.00	58.9 PK	74.0	-15.1	1.61 V	86	43.2	15.7
4	15540.00	46.1 AV	54.0	-7.9	1.61 V	86	30.4	15.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	50.8 PK	74.0	-23.2	2.96 H	283	37.2	13.6
2	#10400.00	38.3 AV	54.0	-15.7	2.96 H	283	24.7	13.6
3	15600.00	56.5 PK	74.0	-17.5	2.80 H	287	40.8	15.7
4	15600.00	44.1 AV	54.0	-9.9	2.80 H	287	28.4	15.7
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	#10400.00	52.6 PK	74.0	-21.4	1.76 V	67	39.0	13.6
2	#10400.00	41.3 AV	54.0	-12.7	1.76 V	67	27.7	13.6
3	15600.00	58.3 PK	74.0	-15.7	1.68 V	104	42.6	15.7
4	15600.00	45.5 AV	54.0	-8.5	1.68 V	104	29.8	15.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	50.9 PK	74.0	-23.1	2.99 H	279	36.9	14.0
2	#10480.00	38.8 AV	54.0	-15.2	2.99 H	279	24.8	14.0
3	15720.00	56.9 PK	74.0	-17.1	2.73 H	304	41.5	15.4
4	15720.00	44.8 AV	54.0	-9.2	2.73 H	304	29.4	15.4
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	#10480.00	52.3 PK	74.0	-21.7	1.83 V	70	38.3	14.0
2	#10480.00	41.2 AV	54.0	-12.8	1.83 V	70	27.2	14.0
3	15720.00	58.6 PK	74.0	-15.4	1.66 V	105	43.2	15.4
4	15720.00	45.9 AV	54.0	-8.1	1.66 V	105	30.5	15.4

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#10520.00	51.4 PK	74.0	-22.6	3.04 H	295	37.3	14.1
2	#10520.00	39.2 AV	54.0	-14.8	3.04 H	295	25.1	14.1
3	15780.00	56.5 PK	74.0	-17.5	2.79 H	288	41.3	15.2
4	15780.00	44.2 AV	54.0	-9.8	2.79 H	288	29.0	15.2
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	#10520.00	52.6 PK	74.0	-21.4	1.86 V	61	38.5	14.1
2	#10520.00	41.2 AV	54.0	-12.8	1.86 V	61	27.1	14.1
3	15780.00	58.2 PK	74.0	-15.8	1.71 V	91	43.0	15.2
4	15780.00	45.3 AV	54.0	-8.7	1.71 V	91	30.1	15.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	10600.00	51.2 PK	74.0	-22.8	2.96 H	299	36.9	14.3
2	10600.00	38.8 AV	54.0	-15.2	2.96 H	299	24.5	14.3
3	15900.00	56.5 PK	74.0	-17.5	2.72 H	288	41.4	15.1
4	15900.00	44.2 AV	54.0	-9.8	2.72 H	288	29.1	15.1
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	10600.00	52.9 PK	74.0	-21.1	1.75 V	59	38.6	14.3
2	10600.00	41.3 AV	54.0	-12.7	1.75 V	59	27.0	14.3
3	15900.00	58.4 PK	74.0	-15.6	1.71 V	108	43.3	15.1
4	15900.00	45.3 AV	54.0	-8.7	1.71 V	108	30.2	15.1

REMARKS:

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

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	50.4 PK	74.0	-23.6	3.02 H	295	36.1	14.3
2	10640.00	38.2 AV	54.0	-15.8	3.02 H	295	23.9	14.3
3	15960.00	56.9 PK	74.0	-17.1	2.78 H	283	41.8	15.1
4	15960.00	44.8 AV	54.0	-9.2	2.78 H	283	29.7	15.1
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	10640.00	52.5 PK	74.0	-21.5	1.80 V	86	38.2	14.3
2	10640.00	41.1 AV	54.0	-12.9	1.80 V	86	26.8	14.3
3	15960.00	58.9 PK	74.0	-15.1	1.66 V	105	43.8	15.1
4	15960.00	45.8 AV	54.0	-8.2	1.66 V	105	30.7	15.1

REMARKS:

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

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	52.8 PK	74.0	-21.2	3.04 H	288	37.6	15.2
2	11000.00	40.4 AV	54.0	-13.6	3.04 H	288	25.2	15.2
3	#16500.00	57.9 PK	74.0	-16.1	2.83 H	294	40.5	17.4
4	#16500.00	45.2 AV	54.0	-8.8	2.83 H	294	27.8	17.4
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	11000.00	53.5 PK	74.0	-20.5	1.88 V	76	38.3	15.2
2	11000.00	39.9 AV	54.0	-14.1	1.88 V	76	24.7	15.2
3	#16500.00	57.6 PK	74.0	-16.4	1.57 V	94	40.2	17.4
4	#16500.00	45.7 AV	54.0	-8.3	1.57 V	94	28.3	17.4

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11160.00	53.1 PK	74.0	-20.9	2.96 H	303	37.9	15.2
2	11160.00	40.4 AV	54.0	-13.6	2.96 H	303	25.2	15.2
3	#16740.00	57.7 PK	74.0	-16.3	2.80 H	297	39.4	18.3
4	#16740.00	44.8 AV	54.0	-9.2	2.80 H	297	26.5	18.3

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	11160.00	53.9 PK	74.0	-20.1	1.90 V	66	38.7	15.2
2	11160.00	40.2 AV	54.0	-13.8	1.90 V	66	25.0	15.2
3	#16740.00	58.3 PK	74.0	-15.7	1.65 V	101	40.0	18.3
4	#16740.00	46.2 AV	54.0	-7.8	1.65 V	101	27.9	18.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11400.00	53.0 PK	74.0	-21.0	2.99 H	301	37.5	15.5
2	11400.00	40.8 AV	54.0	-13.2	2.99 H	301	25.3	15.5
3	#17100.00	57.2 PK	74.0	-16.8	2.81 H	286	37.1	20.1
4	#17100.00	44.5 AV	54.0	-9.5	2.81 H	286	24.4	20.1
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	11400.00	53.9 PK	74.0	-20.1	1.88 V	90	38.4	15.5
2	11400.00	40.4 AV	54.0	-13.6	1.88 V	90	24.9	15.5
3	#17100.00	58.2 PK	74.0	-15.8	1.60 V	81	38.1	20.1
4	#17100.00	46.1 AV	54.0	-7.9	1.60 V	81	26.0	20.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	53.2 PK	74.0	-20.8	2.95 H	298	38.0	15.2
2	11490.00	40.6 AV	54.0	-13.4	2.95 H	298	25.4	15.2
3	#17235.00	57.8 PK	74.0	-16.2	2.74 H	290	37.8	20.0
4	#17235.00	45.0 AV	54.0	-9.0	2.74 H	290	25.0	20.0
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	11490.00	53.7 PK	74.0	-20.3	1.82 V	86	38.5	15.2
2	11490.00	40.1 AV	54.0	-13.9	1.82 V	86	24.9	15.2
3	#17235.00	57.9 PK	74.0	-16.1	1.67 V	75	37.9	20.0
4	#17235.00	46.2 AV	54.0	-7.8	1.67 V	75	26.2	20.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	53.8 PK	74.0	-20.2	3.04 H	282	38.7	15.1
2	11570.00	41.1 AV	54.0	-12.9	3.04 H	282	26.0	15.1
3	#17355.00	57.6 PK	74.0	-16.4	2.77 H	295	37.1	20.5
4	#17355.00	45.2 AV	54.0	-8.8	2.77 H	295	24.7	20.5
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	11570.00	53.5 PK	74.0	-20.5	1.85 V	84	38.4	15.1
2	11570.00	39.9 AV	54.0	-14.1	1.85 V	84	24.8	15.1
3	#17355.00	57.5 PK	74.0	-16.5	1.65 V	90	37.0	20.5
4	#17355.00	45.5 AV	54.0	-8.5	1.65 V	90	25.0	20.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	53.3 PK	74.0	-20.7	2.99 H	280	38.3	15.0
2	11650.00	41.1 AV	54.0	-12.9	2.99 H	280	26.1	15.0
3	#17475.00	57.6 PK	74.0	-16.4	2.74 H	304	36.5	21.1
4	#17475.00	45.0 AV	54.0	-9.0	2.74 H	304	23.9	21.1
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	11650.00	53.5 PK	74.0	-20.5	1.81 V	76	38.5	15.0
2	11650.00	40.2 AV	54.0	-13.8	1.81 V	76	25.2	15.0
3	#17475.00	57.3 PK	74.0	-16.7	1.64 V	84	36.2	21.1
4	#17475.00	45.7 AV	54.0	-8.3	1.64 V	84	24.6	21.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

802.11n (40MHz)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	50.5 PK	74.0	-23.5	3.03 H	299	36.8	13.7
2	#10380.00	38.4 AV	54.0	-15.6	3.03 H	299	24.7	13.7
3	15570.00	56.9 PK	74.0	-17.1	2.71 H	300	41.3	15.6
4	15570.00	44.2 AV	54.0	-9.8	2.71 H	300	28.6	15.6
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	#10380.00	51.6 PK	74.0	-22.4	1.92 V	79	37.9	13.7
2	#10380.00	40.7 AV	54.0	-13.3	1.92 V	79	27.0	13.7
3	15570.00	58.9 PK	74.0	-15.1	1.59 V	76	43.3	15.6
4	15570.00	46.1 AV	54.0	-7.9	1.59 V	76	30.5	15.6

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	50.9 PK	74.0	-23.1	3.05 H	292	37.0	13.9
2	#10460.00	38.8 AV	54.0	-15.2	3.05 H	292	24.9	13.9
3	15690.00	56.6 PK	74.0	-17.4	2.81 H	301	41.0	15.6
4	15690.00	44.2 AV	54.0	-9.8	2.81 H	301	28.6	15.6

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	#10460.00	52.4 PK	74.0	-21.6	1.82 V	68	38.5	13.9
2	#10460.00	41.2 AV	54.0	-12.8	1.82 V	68	27.3	13.9
3	15690.00	59.2 PK	74.0	-14.8	1.66 V	90	43.6	15.6
4	15690.00	46.6 AV	54.0	-7.4	1.66 V	90	31.0	15.6

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#10540.00	51.4 PK	74.0	-22.6	3.03 H	279	37.2	14.2
2	#10540.00	39.0 AV	54.0	-15.0	3.03 H	279	24.8	14.2
3	15810.00	56.4 PK	74.0	-17.6	2.76 H	289	41.4	15.0
4	15810.00	44.2 AV	54.0	-9.8	2.76 H	289	29.2	15.0
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	#10540.00	52.4 PK	74.0	-21.6	1.84 V	78	38.2	14.2
2	#10540.00	40.9 AV	54.0	-13.1	1.84 V	78	26.7	14.2
3	15810.00	58.3 PK	74.0	-15.7	1.61 V	80	43.3	15.0
4	15810.00	45.7 AV	54.0	-8.3	1.61 V	80	30.7	15.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	10620.00	51.4 PK	74.0	-22.6	3.00 H	291	37.1	14.3
2	10620.00	39.0 AV	54.0	-15.0	3.00 H	291	24.7	14.3
3	15930.00	57.2 PK	74.0	-16.8	2.70 H	278	42.1	15.1
4	15930.00	44.5 AV	54.0	-9.5	2.70 H	278	29.4	15.1
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	10620.00	52.0 PK	74.0	-22.0	1.86 V	91	37.7	14.3
2	10620.00	40.7 AV	54.0	-13.3	1.86 V	91	26.4	14.3
3	15930.00	58.6 PK	74.0	-15.4	1.62 V	88	43.5	15.1
4	15930.00	45.6 AV	54.0	-8.4	1.62 V	88	30.5	15.1

REMARKS:

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

CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	53.2 PK	74.0	-20.8	3.01 H	295	38.1	15.1
2	11020.00	40.8 AV	54.0	-13.2	3.01 H	295	25.7	15.1
3	#16530.00	58.0 PK	74.0	-16.0	2.84 H	298	40.5	17.5
4	#16530.00	45.2 AV	54.0	-8.8	2.84 H	298	27.7	17.5
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	11020.00	54.0 PK	74.0	-20.0	1.86 V	93	38.9	15.1
2	11020.00	40.5 AV	54.0	-13.5	1.86 V	93	25.4	15.1
3	#16530.00	57.3 PK	74.0	-16.7	1.57 V	94	39.8	17.5
4	#16530.00	45.3 AV	54.0	-8.7	1.57 V	94	27.8	17.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11100.00	53.3 PK	74.0	-20.7	3.01 H	293	38.2	15.1
2	11100.00	41.0 AV	54.0	-13.0	3.01 H	293	25.9	15.1
3	#16650.00	58.2 PK	74.0	-15.8	2.75 H	276	40.2	18.0
4	#16650.00	45.4 AV	54.0	-8.6	2.75 H	276	27.4	18.0
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	11100.00	53.1 PK	74.0	-20.9	1.87 V	89	38.0	15.1
2	11100.00	39.8 AV	54.0	-14.2	1.87 V	89	24.7	15.1
3	#16650.00	58.2 PK	74.0	-15.8	1.59 V	79	40.2	18.0
4	#16650.00	46.1 AV	54.0	-7.9	1.59 V	79	28.1	18.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11340.00	53.0 PK	74.0	-21.0	2.94 H	283	37.7	15.3
2	11340.00	40.6 AV	54.0	-13.4	2.94 H	283	25.3	15.3
3	#17010.00	57.3 PK	74.0	-16.7	2.81 H	289	37.4	19.9
4	#17010.00	44.8 AV	54.0	-9.2	2.81 H	289	24.9	19.9
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	11340.00	53.6 PK	74.0	-20.4	1.90 V	87	38.3	15.3
2	11340.00	40.1 AV	54.0	-13.9	1.90 V	87	24.8	15.3
3	#17010.00	57.5 PK	74.0	-16.5	1.67 V	86	37.6	19.9
4	#17010.00	45.5 AV	54.0	-8.5	1.67 V	86	25.6	19.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11510.00	53.3 PK	74.0	-20.7	3.05 H	283	38.2	15.1
2	11510.00	40.7 AV	54.0	-13.3	3.05 H	283	25.6	15.1
3	#17265.00	57.7 PK	74.0	-16.3	2.77 H	279	37.8	19.9
4	#17265.00	45.0 AV	54.0	-9.0	2.77 H	279	25.1	19.9
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	11510.00	54.1 PK	74.0	-19.9	1.82 V	79	39.0	15.1
2	11510.00	40.4 AV	54.0	-13.6	1.82 V	79	25.3	15.1
3	#17265.00	57.4 PK	74.0	-16.6	1.64 V	76	37.5	19.9
4	#17265.00	45.4 AV	54.0	-8.6	1.64 V	76	25.5	19.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11590.00	53.2 PK	74.0	-20.8	2.94 H	299	38.1	15.1
2	11590.00	40.9 AV	54.0	-13.1	2.94 H	299	25.8	15.1
3	#17385.00	57.5 PK	74.0	-16.5	2.75 H	287	36.9	20.6
4	#17385.00	45.2 AV	54.0	-8.8	2.75 H	287	24.6	20.6
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	11590.00	54.0 PK	74.0	-20.0	1.88 V	91	38.9	15.1
2	11590.00	40.3 AV	54.0	-13.7	1.88 V	91	25.2	15.1
3	#17385.00	57.2 PK	74.0	-16.8	1.57 V	82	36.6	20.6
4	#17385.00	45.3 AV	54.0	-8.7	1.57 V	82	24.7	20.6

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

4.1.11 Test Results (Mode 3, Bandedge)

Above 1GHz Data:

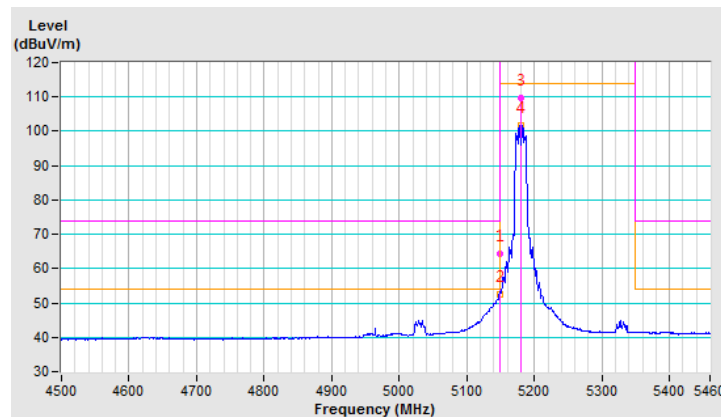
802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.2 PK	74.0	-9.8	1.14 H	176	61.2	3.0
2	5150.00	52.5 AV	54.0	-1.5	1.14 H	176	49.5	3.0
3	*5180.00	109.7 PK			1.14 H	176	106.6	3.1
4	*5180.00	101.6 AV			1.14 H	176	98.5	3.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

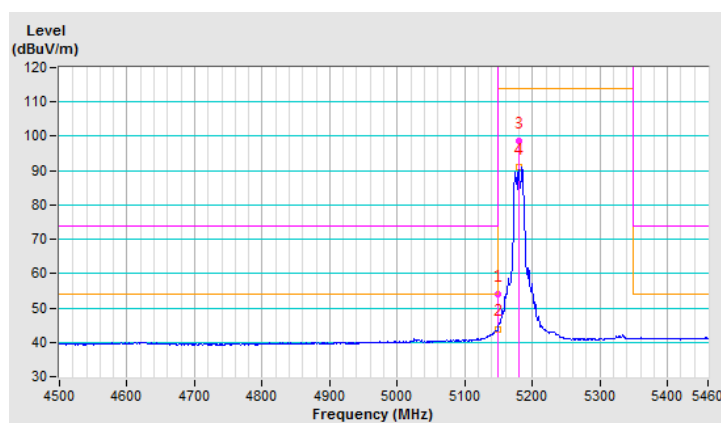


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	53.9 PK	74.0	-20.1	1.49 V	22	50.9	3.0
2	5150.00	43.9 AV	54.0	-10.1	1.49 V	22	40.9	3.0
3	*5180.00	98.5 PK			1.49 V	22	95.4	3.1
4	*5180.00	91.1 AV			1.49 V	22	88.0	3.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

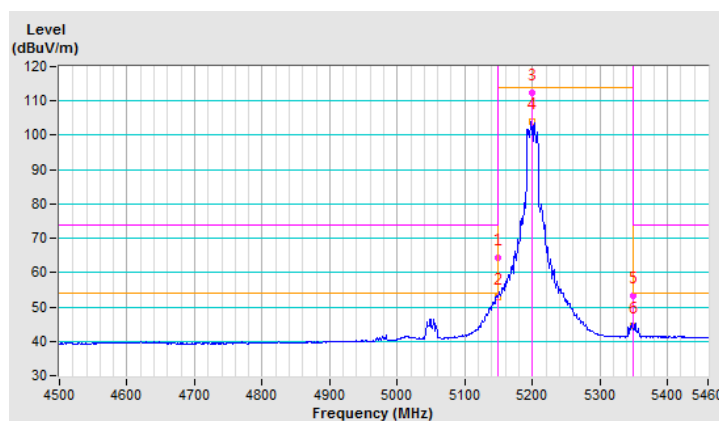


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	64.2 PK	74.0	-9.8	1.00 H	200	61.2	3.0
2	5150.00	52.7 AV	54.0	-1.3	1.00 H	200	49.7	3.0
3	*5200.00	112.2 PK			1.00 H	200	109.1	3.1
4	*5200.00	104.0 AV			1.00 H	200	100.9	3.1
5	5350.00	53.4 PK	74.0	-20.6	1.00 H	200	49.9	3.5
6	5350.00	44.6 AV	54.0	-9.4	1.00 H	200	41.1	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

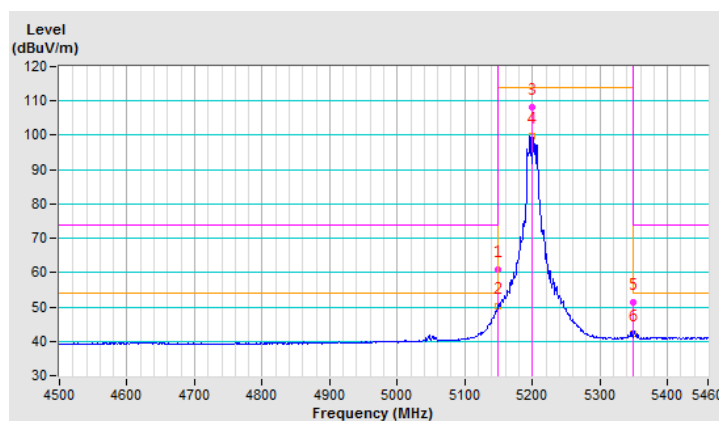


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	60.7 PK	74.0	-13.3	1.00 V	77	57.7	3.0
2	5150.00	50.1 AV	54.0	-3.9	1.00 V	77	47.1	3.0
3	*5200.00	108.0 PK			1.00 V	77	104.9	3.1
4	*5200.00	99.8 AV			1.00 V	77	96.7	3.1
5	5350.00	51.4 PK	74.0	-22.6	1.00 V	77	47.9	3.5
6	5350.00	42.1 AV	54.0	-11.9	1.00 V	77	38.6	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

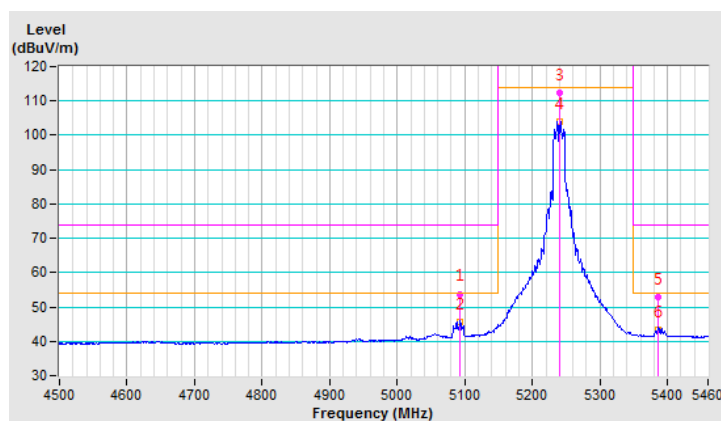


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5093.00	53.8 PK	74.0	-20.2	1.00 H	198	51.0	2.8
2	5093.00	45.5 AV	54.0	-8.5	1.00 H	198	42.7	2.8
3	*5240.00	112.4 PK			1.00 H	198	109.2	3.2
4	*5240.00	103.9 AV			1.00 H	198	100.7	3.2
5	5386.00	52.7 PK	74.0	-21.3	1.00 H	198	49.0	3.7
6	5386.00	43.3 AV	54.0	-10.7	1.00 H	198	39.6	3.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

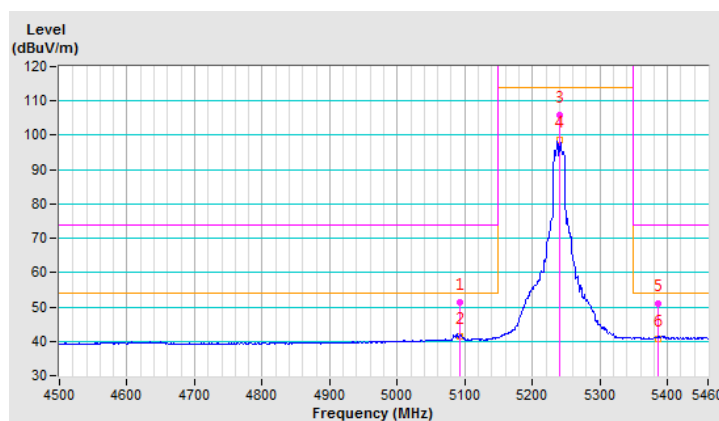


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5093.00	51.5 PK	74.0	-22.5	1.04 V	107	48.7	2.8
2	5093.00	41.5 AV	54.0	-12.5	1.04 V	107	38.7	2.8
3	*5240.00	105.9 PK			1.04 V	107	102.7	3.2
4	*5240.00	98.5 AV			1.04 V	107	95.3	3.2
5	5386.00	50.9 PK	74.0	-23.1	1.04 V	107	47.2	3.7
6	5386.00	40.5 AV	54.0	-13.5	1.04 V	107	36.8	3.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

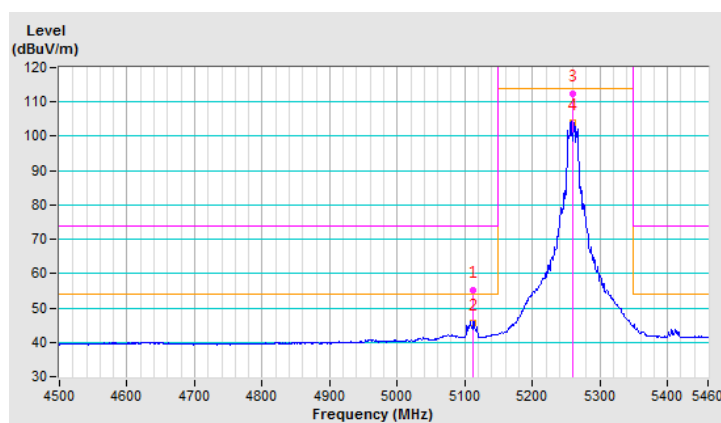


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5113.00	55.1 PK	74.0	-18.9	1.00 H	198	52.2	2.9
2	5113.00	45.6 AV	54.0	-8.4	1.00 H	198	42.7	2.9
3	*5260.00	112.4 PK			1.00 H	198	109.1	3.3
4	*5260.00	104.1 AV			1.00 H	198	100.8	3.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

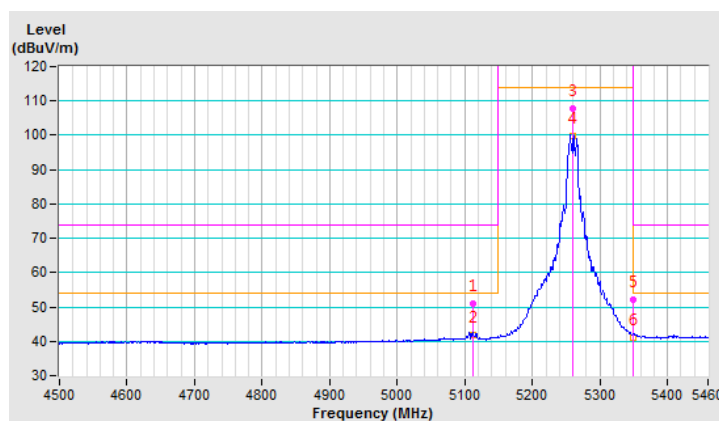


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5113.00	50.8 PK	74.0	-23.2	1.00 V	81	47.9	2.9
2	5113.00	41.9 AV	54.0	-12.1	1.00 V	81	39.0	2.9
3	*5260.00	107.9 PK			1.00 V	81	104.6	3.3
4	*5260.00	99.8 AV			1.00 V	81	96.5	3.3
5	5350.00	52.1 PK	74.0	-21.9	1.00 V	81	48.6	3.5
6	5350.00	41.1 AV	54.0	-12.9	1.00 V	81	37.6	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

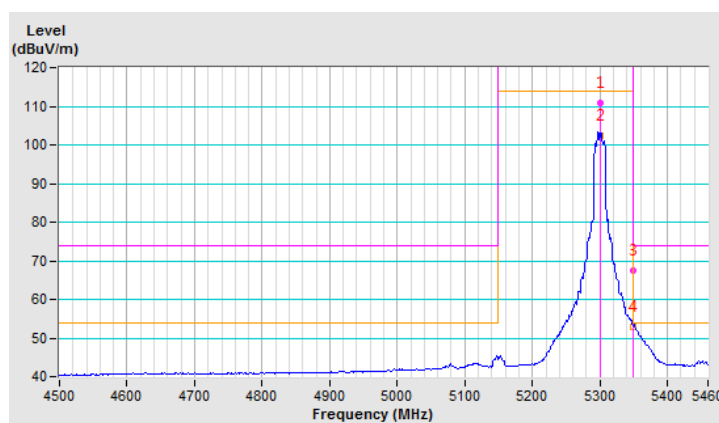


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5300.00	110.8 PK			1.01 H	179	107.5	3.3
2	*5300.00	102.4 AV			1.01 H	179	99.1	3.3
3	5350.00	67.4 PK	74.0	-6.6	1.01 H	179	63.9	3.5
4	5350.00	52.9 AV	54.0	-1.1	1.01 H	179	49.4	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

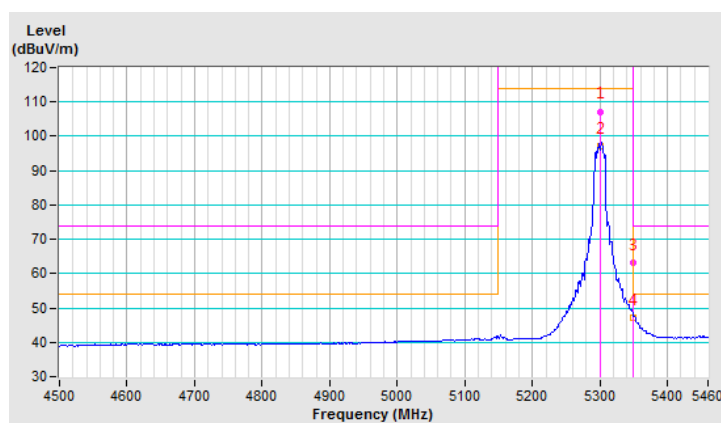


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	*5300.00	107.2 PK			1.00 V	64	103.9	3.3
2	*5300.00	97.0 AV			1.00 V	64	93.7	3.3
3	5350.00	63.0 PK	74.0	-11.0	1.00 V	64	59.5	3.5
4	5350.00	47.2 AV	54.0	-6.8	1.00 V	64	43.7	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

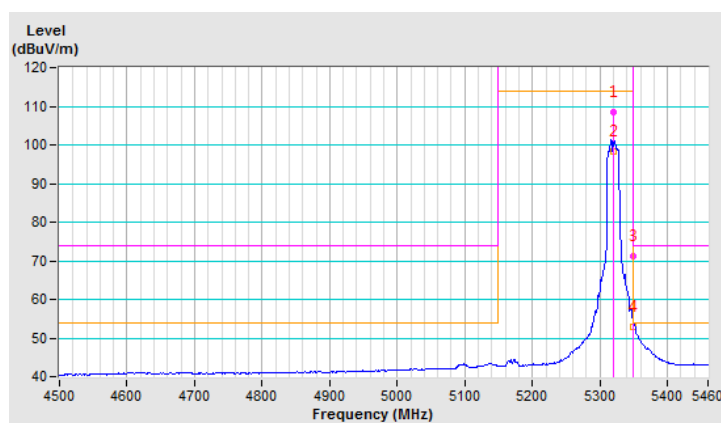


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	*5320.00	108.5 PK			1.02 H	182	105.0	3.5
2	*5320.00	98.3 AV			1.02 H	182	94.8	3.5
3	5350.00	71.2 PK	74.0	-2.8	1.02 H	182	67.7	3.5
4	5350.00	52.8 AV	54.0	-1.2	1.02 H	182	49.3	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

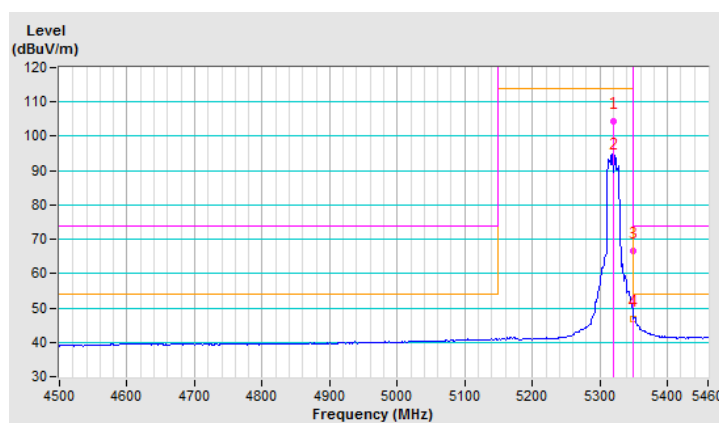


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	*5320.00	104.2 PK			1.01 V	64	100.7	3.5
2	*5320.00	92.4 AV			1.01 V	64	88.9	3.5
3	5350.00	66.7 PK	74.0	-7.3	1.01 V	64	63.2	3.5
4	5350.00	46.6 AV	54.0	-7.4	1.01 V	64	43.1	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

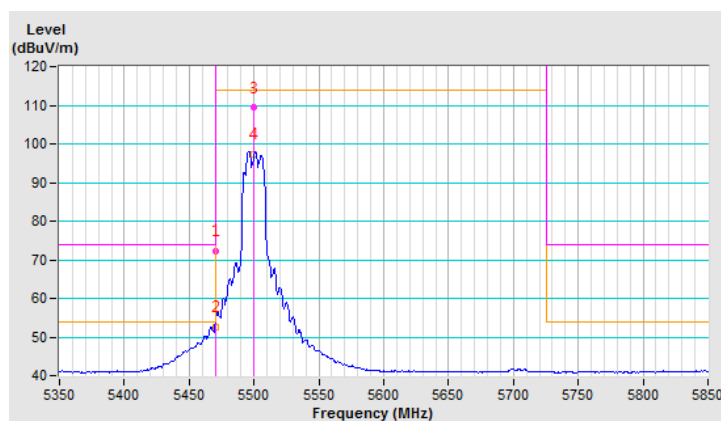


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#5470.00	72.2 PK	74.0	-1.8	1.00 H	175	68.5	3.7
2	#5470.00	52.6 AV	54.0	-1.4	1.00 H	175	48.9	3.7
3	*5500.00	109.4 PK			1.00 H	175	105.6	3.8
4	*5500.00	97.4 AV			1.00 H	175	93.6	3.8

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

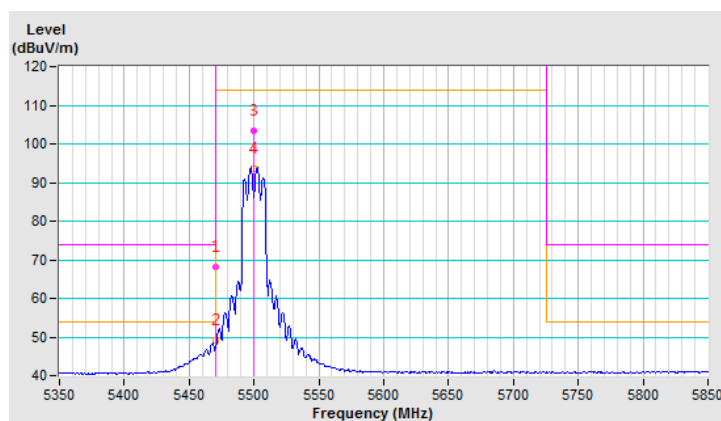


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5470.00	68.1 PK	74.0	-5.9	1.00 V	68	64.4	3.7
2	#5470.00	49.2 AV	54.0	-4.8	1.00 V	68	45.5	3.7
3	*5500.00	103.5 PK			1.00 V	68	99.7	3.8
4	*5500.00	93.5 AV			1.00 V	68	89.7	3.8

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

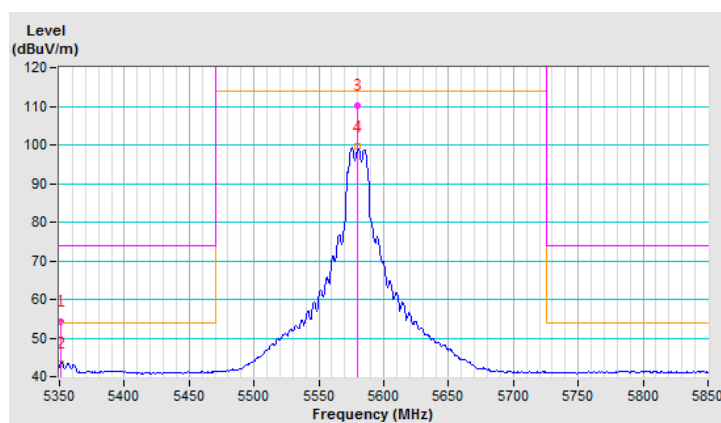


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	5351.00	54.3 PK	74.0	-19.7	1.00 H	175	50.8	3.5
2	5351.00	43.4 AV	54.0	-10.6	1.00 H	175	39.9	3.5
3	*5580.00	110.1 PK			1.00 H	175	106.2	3.9
4	*5580.00	99.5 AV			1.00 H	175	95.6	3.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

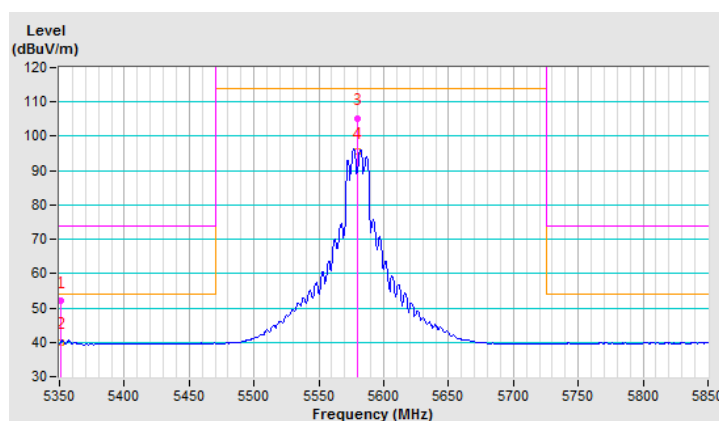


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5351.00	52.1 PK	74.0	-21.9	1.00 V	66	48.6	3.5
2	5351.00	40.1 AV	54.0	-13.9	1.00 V	66	36.6	3.5
3	*5580.00	105.3 PK			1.00 V	66	101.4	3.9
4	*5580.00	95.7 AV			1.00 V	66	91.8	3.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

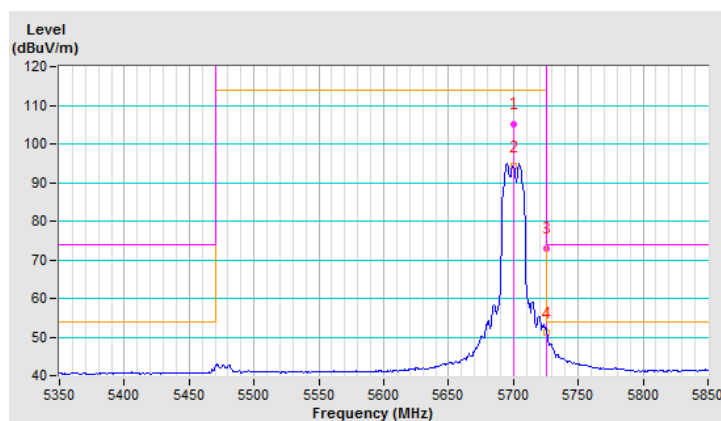


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	105.1 PK			1.03 H	177	100.9	4.2
2	*5700.00	94.1 AV			1.03 H	177	89.9	4.2
3	#5725.00	72.8 PK	74.0	-1.2	1.03 H	177	68.6	4.2
4	#5725.00	51.1 AV	54.0	-2.9	1.03 H	177	46.9	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

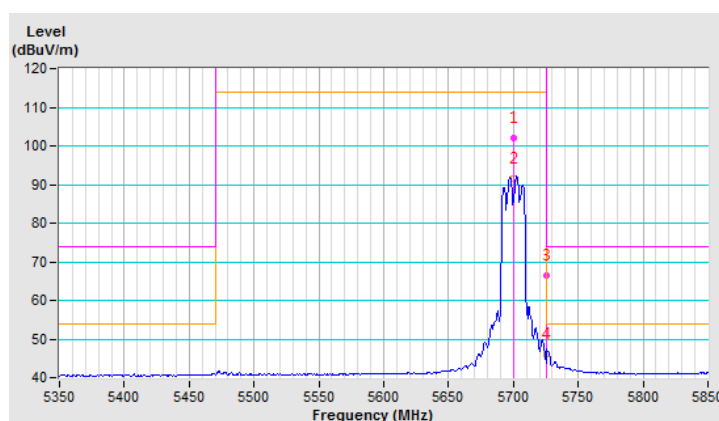


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	*5700.00	102.1 PK			1.00 V	63	97.9	4.2
2	*5700.00	91.6 AV			1.00 V	63	87.4	4.2
3	#5725.00	66.6 PK	74.0	-7.4	1.00 V	63	62.4	4.2
4	#5725.00	46.2 AV	54.0	-7.8	1.00 V	63	42.0	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

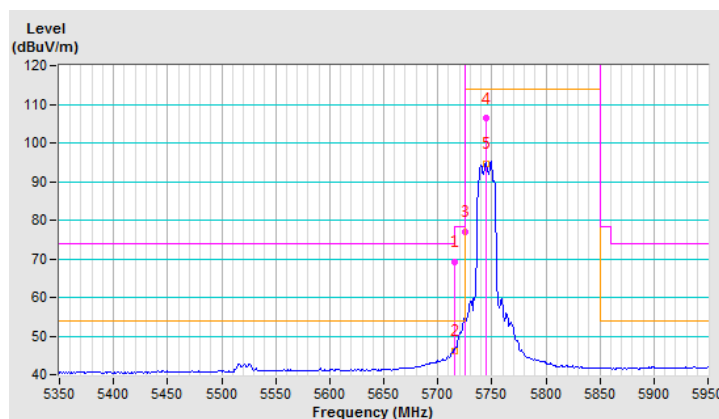


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	69.2 PK	74.0	-4.8	1.03 H	165	65.0	4.2
2	#5715.00	46.1 AV	54.0	-7.9	1.03 H	165	41.9	4.2
3	#5725.00	77.1 PK	78.2	-1.1	1.03 H	165	72.9	4.2
4	*5745.00	106.3 PK			1.03 H	165	102.1	4.2
5	*5745.00	94.7 AV			1.03 H	165	90.5	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

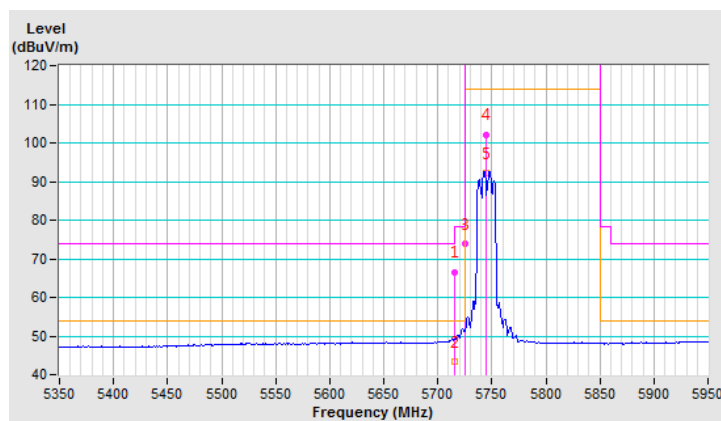


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	#5715.00	66.6 PK	74.0	-7.4	1.00 V	62	62.4	4.2
2	#5715.00	43.3 AV	54.0	-10.7	1.00 V	62	39.1	4.2
3	#5725.00	73.8 PK	78.2	-4.4	1.00 V	62	69.6	4.2
4	*5745.00	102.1 PK			1.00 V	62	97.9	4.2
5	*5745.00	92.1 AV			1.00 V	62	87.9	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

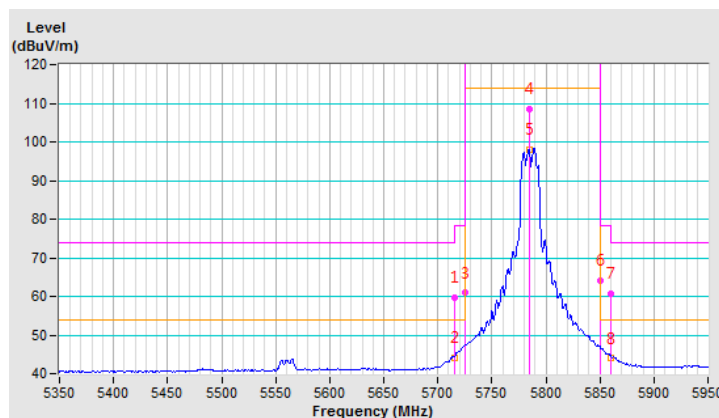


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	59.6 PK	74.0	-14.4	1.03 H	165	55.4	4.2
2	#5715.00	44.0 AV	54.0	-10.0	1.03 H	165	39.8	4.2
3	#5725.00	60.9 PK	78.2	-17.3	1.03 H	165	56.7	4.2
4	*5785.00	108.4 PK			1.03 H	165	104.3	4.1
5	*5785.00	98.1 AV			1.03 H	165	94.0	4.1
6	#5850.00	64.2 PK	78.2	-14.0	1.03 H	165	60.0	4.2
7	#5860.00	60.7 PK	74.0	-13.3	1.03 H	165	56.5	4.2
8	#5860.00	43.9 AV	54.0	-10.1	1.03 H	165	39.7	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

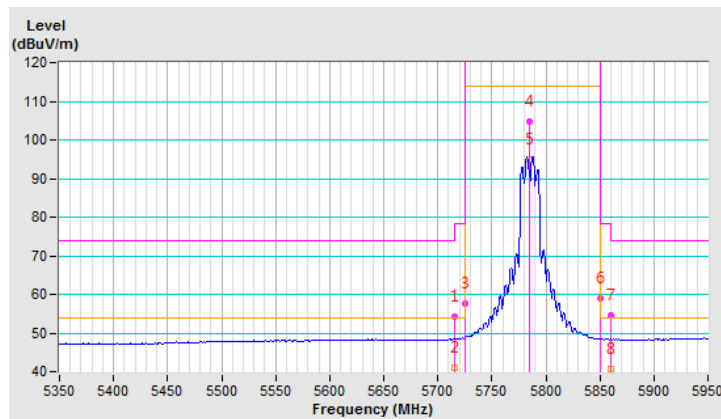


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	#5715.00	54.3 PK	74.0	-19.7	1.00 V	62	50.1	4.2
2	#5715.00	41.1 AV	54.0	-12.9	1.00 V	62	36.9	4.2
3	#5725.00	57.6 PK	78.2	-20.6	1.00 V	62	53.4	4.2
4	*5785.00	104.8 PK			1.00 V	62	100.7	4.1
5	*5785.00	95.0 AV			1.00 V	62	90.9	4.1
6	#5850.00	59.1 PK	78.2	-19.1	1.00 V	62	54.9	4.2
7	#5860.00	54.5 PK	74.0	-19.5	1.00 V	62	50.3	4.2
8	#5860.00	40.8 AV	54.0	-13.2	1.00 V	62	36.6	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

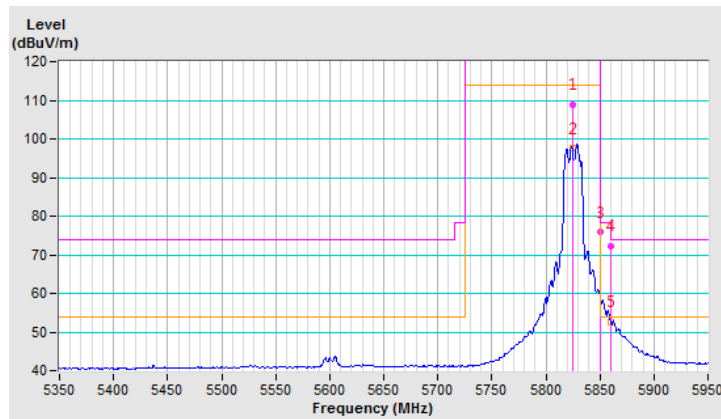


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	108.9 PK			1.06 H	167	104.7	4.2
2	*5825.00	97.5 AV			1.06 H	167	93.3	4.2
3	#5850.00	75.8 PK	78.2	-2.4	1.06 H	167	71.6	4.2
4	#5860.00	72.3 PK	74.0	-1.7	1.06 H	167	68.1	4.2
5	#5860.00	52.5 AV	54.0	-1.5	1.06 H	167	48.3	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

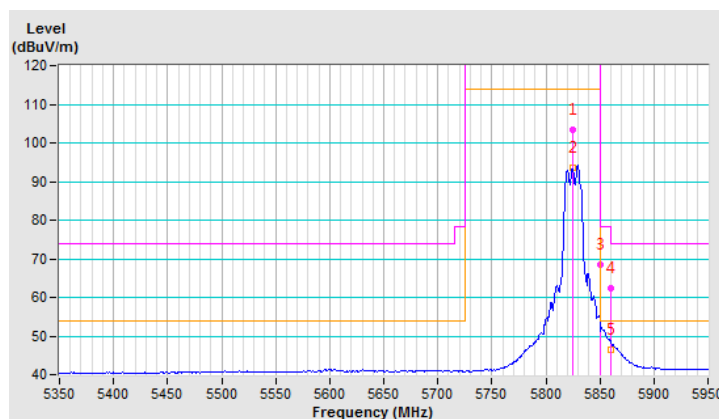


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	*5825.00	103.4 PK			1.00 V	62	99.2	4.2
2	*5825.00	93.5 AV			1.00 V	62	89.3	4.2
3	#5850.00	68.6 PK	78.2	-9.6	1.00 V	62	64.4	4.2
4	#5860.00	62.3 PK	74.0	-11.7	1.00 V	62	58.1	4.2
5	#5860.00	46.5 AV	54.0	-7.5	1.00 V	62	42.3	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.



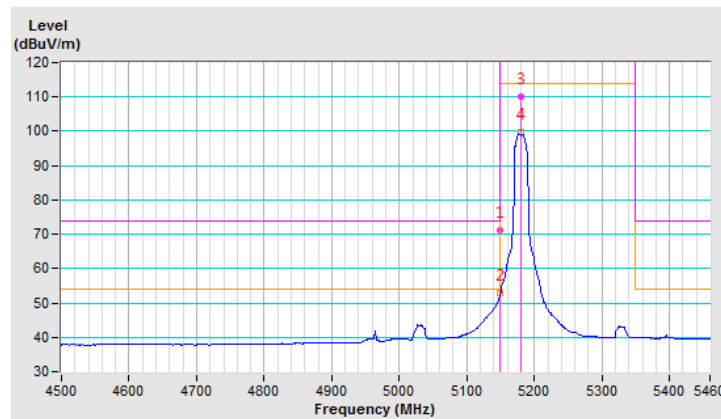
802.11n (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	71.0 PK	74.0	-3.0	1.00 H	200	68.0	3.0
2	5150.00	52.7 AV	54.0	-1.3	1.00 H	200	49.7	3.0
3	*5180.00	110.2 PK			1.00 H	200	107.1	3.1
4	*5180.00	99.6 AV			1.00 H	200	96.5	3.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

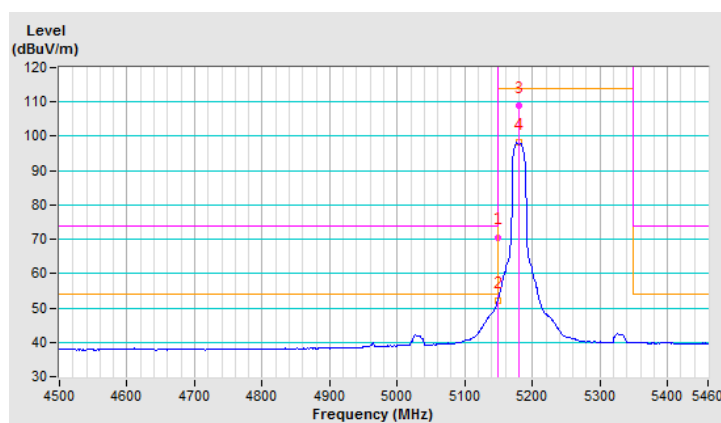


CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.6 PK	74.0	-3.4	1.00 V	268	67.6	3.0
2	5150.00	52.0 AV	54.0	-2.0	1.00 V	268	49.0	3.0
3	*5180.00	108.8 PK			1.00 V	268	105.7	3.1
4	*5180.00	98.2 AV			1.00 V	268	95.1	3.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

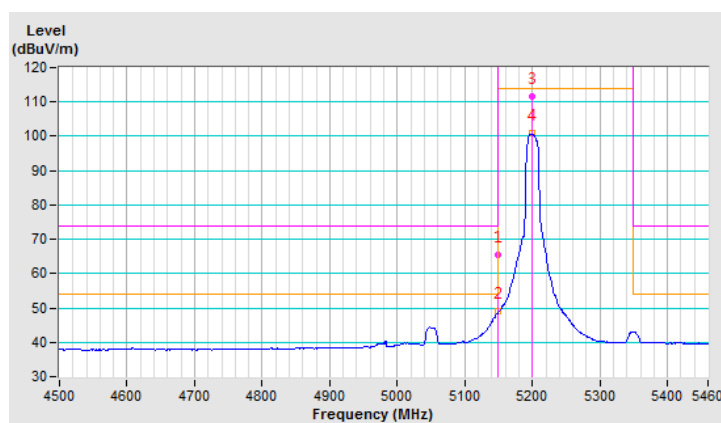


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	65.3 PK	74.0	-8.7	1.00 H	201	62.3	3.0
2	5150.00	49.0 AV	54.0	-5.0	1.00 H	201	46.0	3.0
3	*5200.00	111.7 PK			1.00 H	201	108.6	3.1
4	*5200.00	101.0 AV			1.00 H	201	97.9	3.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

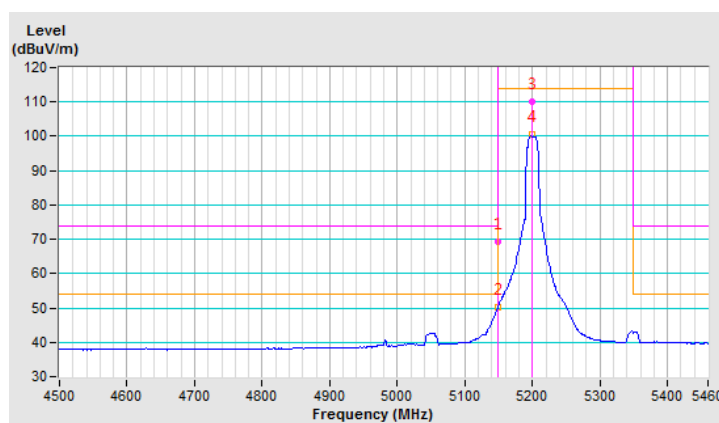


CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	69.2 PK	74.0	-4.8	1.00 V	275	66.2	3.0
2	5150.00	50.2 AV	54.0	-3.8	1.00 V	275	47.2	3.0
3	*5200.00	110.2 PK			1.00 V	275	107.1	3.1
4	*5200.00	100.5 AV			1.00 V	275	97.4	3.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

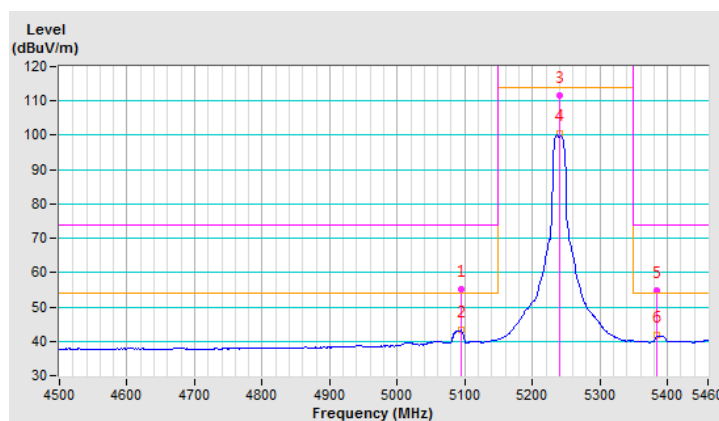


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5094.00	55.0 PK	74.0	-19.0	1.00 H	194	52.2	2.8
2	5094.00	43.4 AV	54.0	-10.6	1.00 H	194	40.6	2.8
3	*5240.00	111.6 PK			1.00 H	194	108.4	3.2
4	*5240.00	100.6 AV			1.00 H	194	97.4	3.2
5	5385.00	54.8 PK	74.0	-19.2	1.00 H	194	51.1	3.7
6	5385.00	41.7 AV	54.0	-12.3	1.00 H	194	38.0	3.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

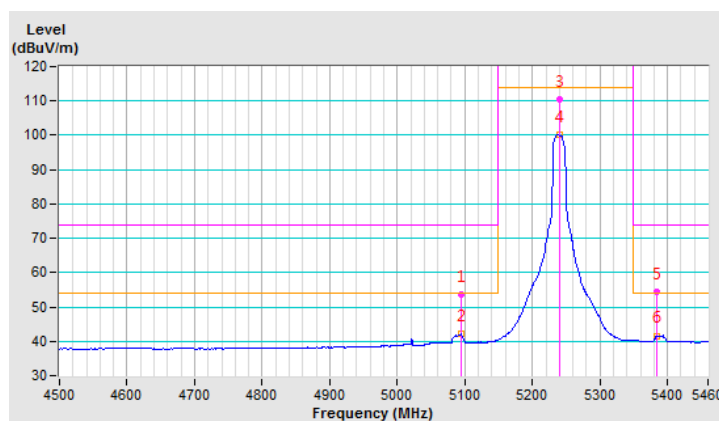


CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5094.00	53.5 PK	74.0	-20.5	1.00 V	270	50.7	2.8
2	5094.00	42.1 AV	54.0	-11.9	1.00 V	270	39.3	2.8
3	*5240.00	110.4 PK			1.00 V	270	107.2	3.2
4	*5240.00	100.3 AV			1.00 V	270	97.1	3.2
5	5385.00	54.3 PK	74.0	-19.7	1.00 V	270	50.6	3.7
6	5385.00	41.6 AV	54.0	-12.4	1.00 V	270	37.9	3.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

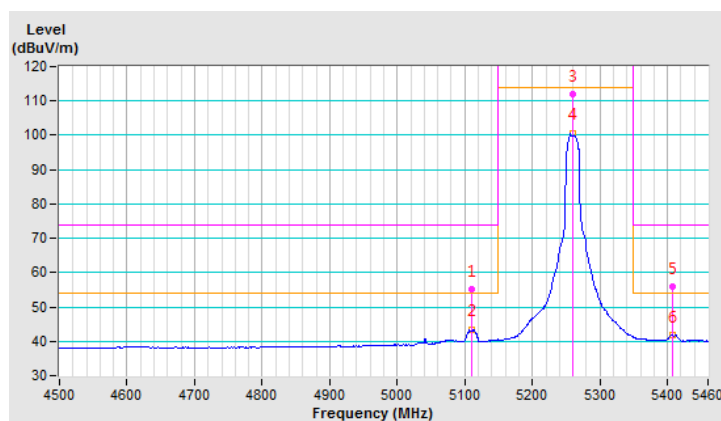


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5110.00	55.2 PK	74.0	-18.8	1.00 H	0	52.3	2.9
2	5110.00	43.5 AV	54.0	-10.5	1.00 H	0	40.6	2.9
3	*5260.00	112.1 PK			1.00 H	179	108.8	3.3
4	*5260.00	100.7 AV			1.00 H	179	97.4	3.3
5	5407.00	55.8 PK	74.0	-18.2	1.00 H	179	52.1	3.7
6	5407.00	41.9 AV	54.0	-12.1	1.00 H	179	38.2	3.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

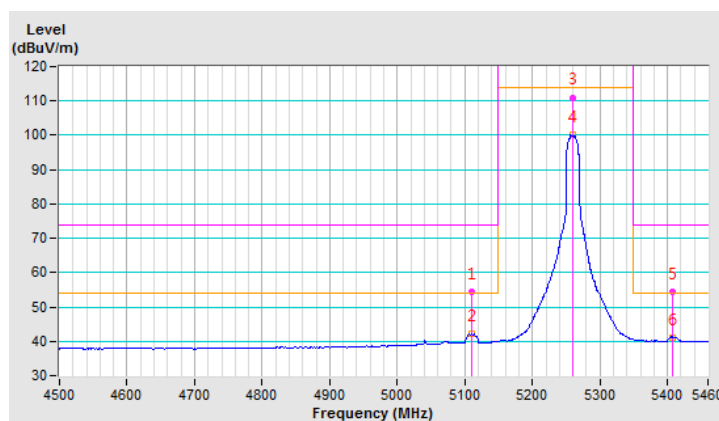


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5110.00	54.3 PK	74.0	-19.7	1.00 V	271	51.4	2.9
2	5110.00	42.2 AV	54.0	-11.8	1.00 V	271	39.3	2.9
3	*5260.00	111.0 PK			1.00 V	271	107.7	3.3
4	*5260.00	100.3 AV			1.00 V	271	97.0	3.3
5	5407.00	54.5 PK	74.0	-19.5	1.00 V	271	50.8	3.7
6	5407.00	41.2 AV	54.0	-12.8	1.00 V	271	37.5	3.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

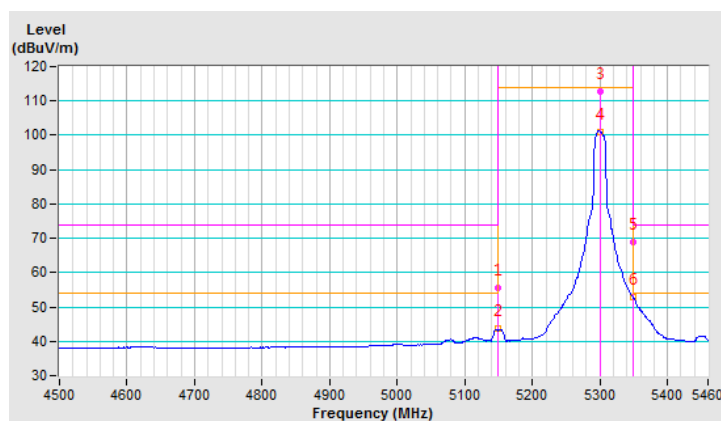


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	55.4 PK	74.0	-18.6	1.00 H	0	52.4	3.0
2	5150.00	43.7 AV	54.0	-10.3	1.00 H	0	40.7	3.0
3	*5300.00	112.6 PK			1.00 H	179	109.3	3.3
4	*5300.00	100.8 AV			1.00 H	179	97.5	3.3
5	5350.00	68.9 PK	74.0	-5.1	1.00 H	179	65.4	3.5
6	5350.00	52.7 AV	54.0	-1.3	1.00 H	179	49.2	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

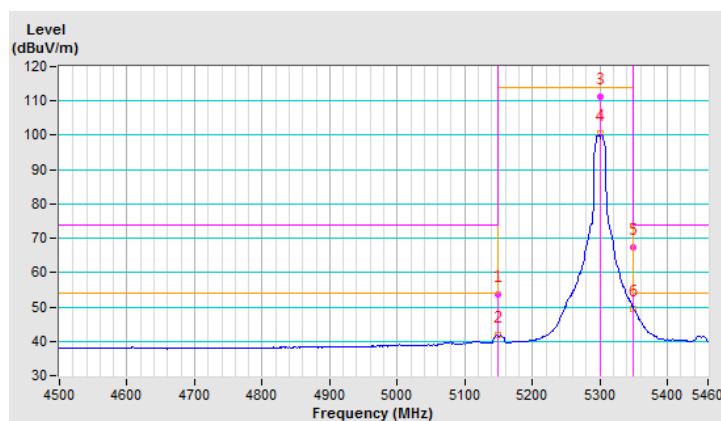


CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	53.6 PK	74.0	-20.4	1.00 V	287	50.6	3.0
2	5150.00	41.8 AV	54.0	-12.2	1.00 V	287	38.8	3.0
3	*5300.00	111.2 PK			1.00 V	287	107.9	3.3
4	*5300.00	100.5 AV			1.00 V	287	97.2	3.3
5	5350.00	67.4 PK	74.0	-6.6	1.00 V	287	63.9	3.5
6	5350.00	49.4 AV	54.0	-4.6	1.00 V	287	45.9	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

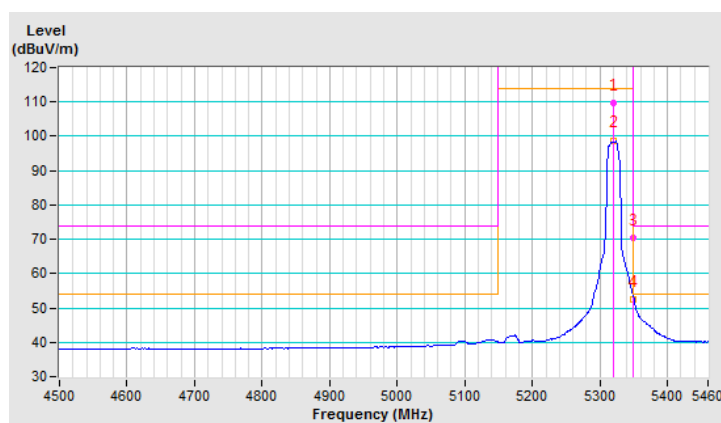


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	*5320.00	109.8 PK			1.00 H	182	106.3	3.5
2	*5320.00	98.8 AV			1.00 H	182	95.3	3.5
3	5350.00	70.4 PK	74.0	-3.6	1.00 H	182	66.9	3.5
4	5350.00	52.6 AV	54.0	-1.4	1.00 H	182	49.1	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

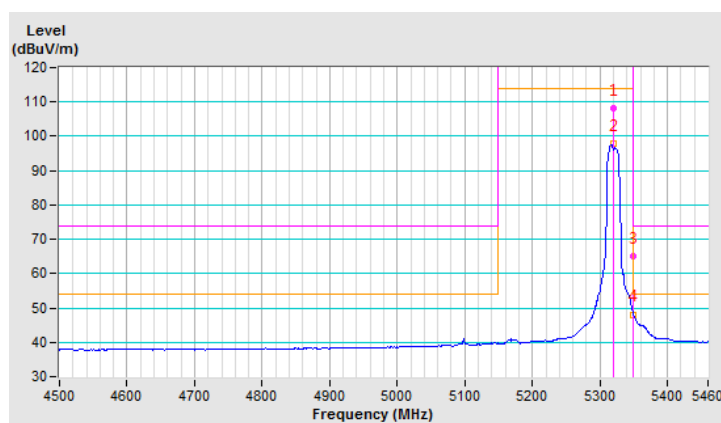


CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	*5320.00	108.1 PK			1.00 V	288	104.6	3.5
2	*5320.00	97.8 AV			1.00 V	288	94.3	3.5
3	5350.00	65.2 PK	74.0	-8.8	1.00 V	288	61.7	3.5
4	5350.00	48.1 AV	54.0	-5.9	1.00 V	288	44.6	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

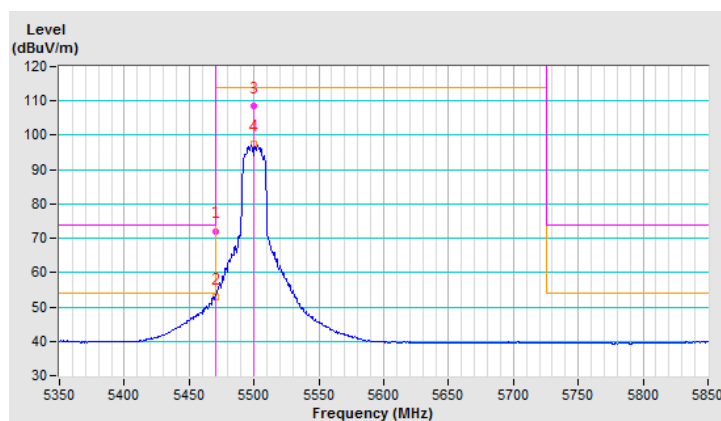


CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#5470.00	72.1 PK	74.0	-1.9	1.00 H	175	68.4	3.7
2	#5470.00	52.9 AV	54.0	-1.1	1.00 H	175	49.2	3.7
3	*5500.00	108.6 PK			1.00 H	175	104.8	3.8
4	*5500.00	97.4 AV			1.00 H	175	93.6	3.8

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

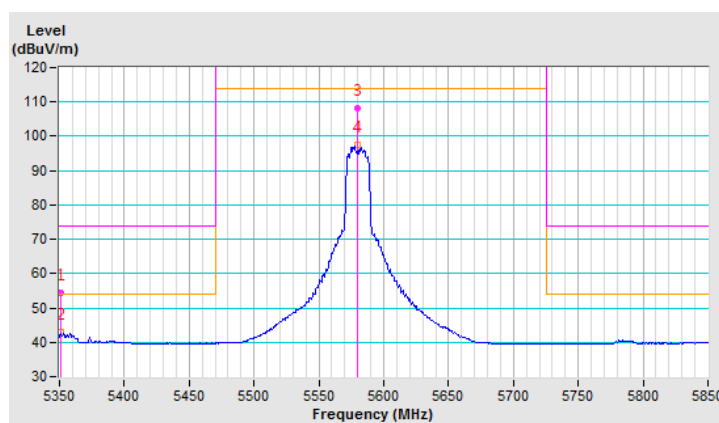


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	5351.00	54.3 PK	74.0	-19.7	1.00 H	174	50.8	3.5
2	5351.00	42.8 AV	54.0	-11.2	1.00 H	174	39.3	3.5
3	*5580.00	108.0 PK			1.00 H	174	104.1	3.9
4	*5580.00	97.4 AV			1.00 H	174	93.5	3.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

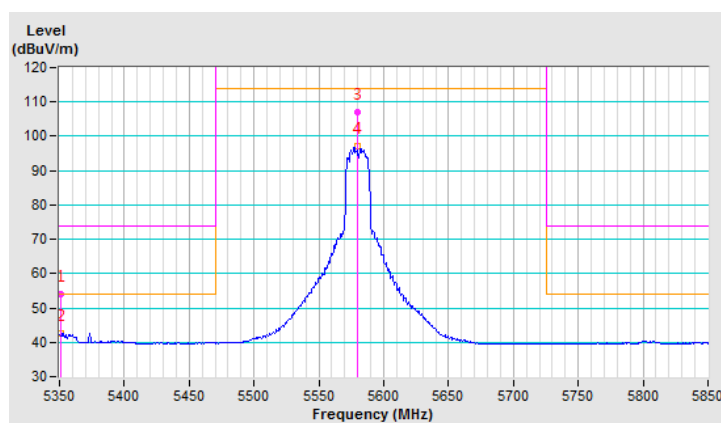


CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	5351.00	54.1 PK	74.0	-19.9	1.00 V	289	50.6	3.5
2	5351.00	42.5 AV	54.0	-11.5	1.00 V	289	39.0	3.5
3	*5580.00	107.0 PK			1.00 V	289	103.1	3.9
4	*5580.00	97.0 AV			1.00 V	289	93.1	3.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

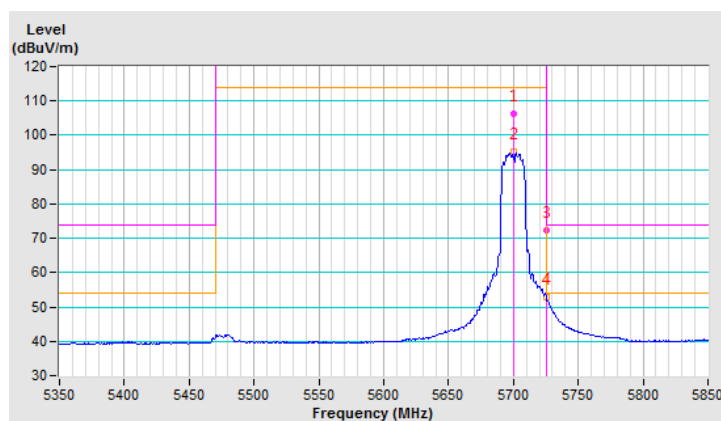


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5700.00	106.3 PK			1.00 H	164	102.1	4.2
2	*5700.00	95.3 AV			1.00 H	164	91.1	4.2
3	#5725.00	72.2 PK	74.0	-1.8	1.00 H	164	68.0	4.2
4	#5725.00	52.9 AV	54.0	-1.1	1.00 H	164	48.7	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

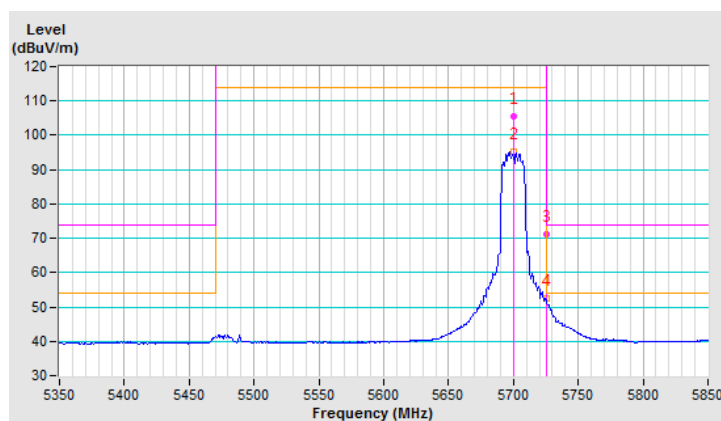


CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	*5700.00	105.5 PK			1.00 V	288	101.3	4.2
2	*5700.00	95.1 AV			1.00 V	288	90.9	4.2
3	#5725.00	71.0 PK	74.0	-3.0	1.00 V	288	66.8	4.2
4	#5725.00	52.4 AV	54.0	-1.6	1.00 V	288	48.2	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

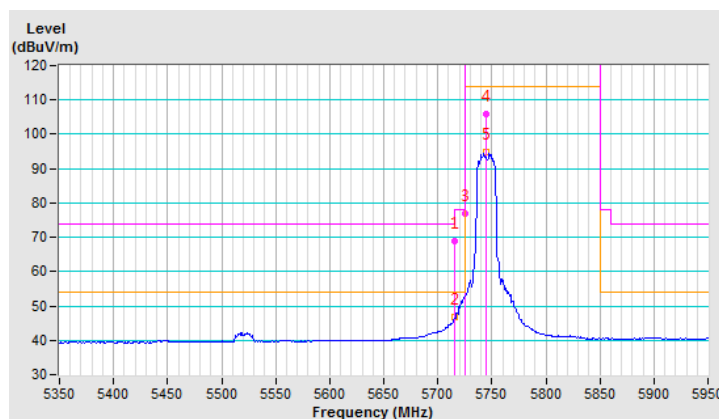


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	68.8 PK	74.0	-5.2	1.00 H	175	64.6	4.2
2	#5715.00	46.6 AV	54.0	-7.4	1.00 H	175	42.4	4.2
3	#5725.00	76.8 PK	78.2	-1.4	1.00 H	175	72.6	4.2
4	*5745.00	105.8 PK			1.00 H	0	101.6	4.2
5	*5745.00	94.8 AV			1.00 H	0	90.6	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

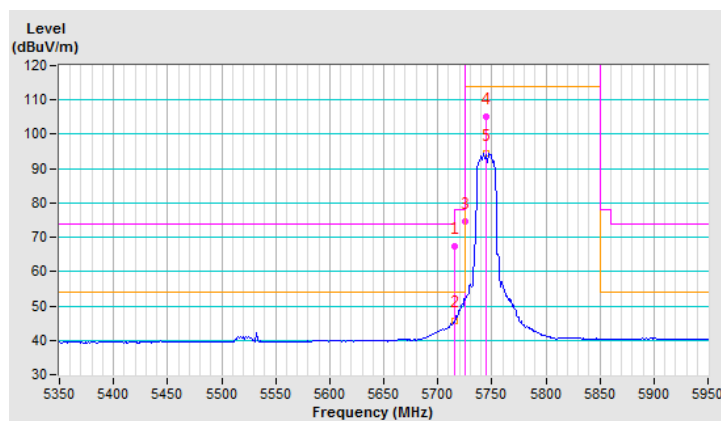


CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	#5715.00	67.4 PK	74.0	-6.6	1.00 V	288	63.2	4.2
2	#5715.00	45.8 AV	54.0	-8.2	1.00 V	288	41.6	4.2
3	#5725.00	74.6 PK	78.2	-3.6	1.00 V	288	70.4	4.2
4	*5745.00	105.0 PK			1.00 V	288	100.8	4.2
5	*5745.00	94.5 AV			1.00 V	288	90.3	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

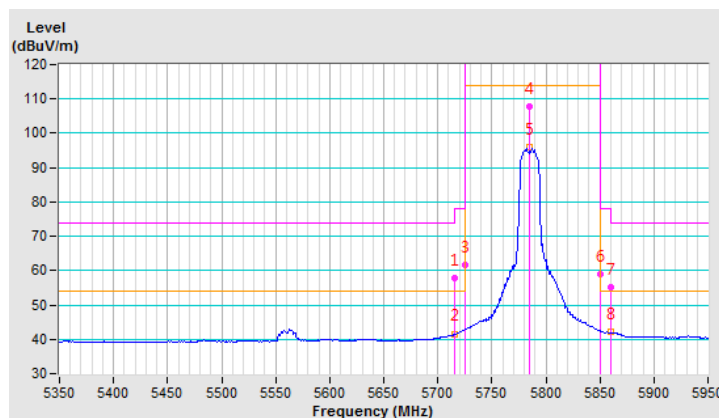


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	57.7 PK	74.0	-16.3	1.00 H	164	53.5	4.2
2	#5715.00	41.6 AV	54.0	-12.4	1.00 H	164	37.4	4.2
3	#5725.00	61.5 PK	78.2	-16.7	1.00 H	164	57.3	4.2
4	*5785.00	107.8 PK			1.00 H	164	103.7	4.1
5	*5785.00	96.1 AV			1.00 H	164	92.0	4.1
6	#5850.00	59.0 PK	78.2	-19.2	1.00 H	164	54.8	4.2
7	#5860.00	55.3 PK	74.0	-18.7	1.00 H	164	51.1	4.2
8	#5860.00	42.3 AV	54.0	-11.7	1.00 H	164	38.1	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

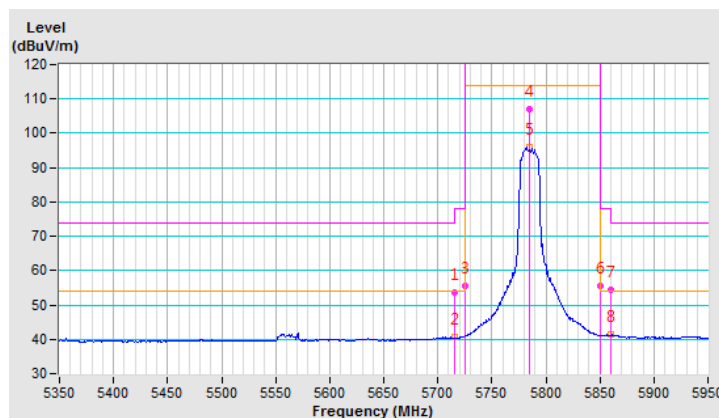


CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	#5715.00	53.6 PK	74.0	-20.4	1.00 V	288	49.4	4.2
2	#5715.00	40.8 AV	54.0	-13.2	1.00 V	288	36.6	4.2
3	#5725.00	55.4 PK	78.2	-22.8	1.00 V	288	51.2	4.2
4	*5785.00	107.0 PK			1.00 V	288	102.9	4.1
5	*5785.00	95.8 AV			1.00 V	288	91.7	4.1
6	#5850.00	55.6 PK	78.2	-22.6	1.00 V	288	51.4	4.2
7	#5860.00	54.4 PK	74.0	-19.6	1.00 V	288	50.2	4.2
8	#5860.00	41.5 AV	54.0	-12.5	1.00 V	288	37.3	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

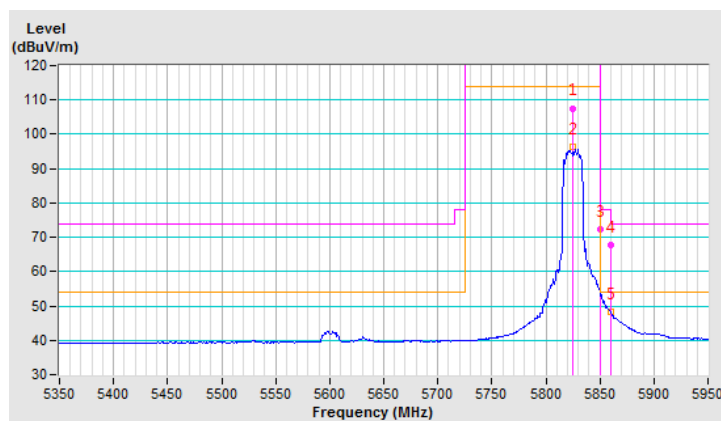


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5825.00	107.6 PK			1.00 H	175	103.4	4.2
2	*5825.00	96.3 AV			1.00 H	175	92.1	4.2
3	#5850.00	72.3 PK	78.2	-5.9	1.00 H	175	68.1	4.2
4	#5860.00	67.8 PK	74.0	-6.2	1.00 H	175	63.6	4.2
5	#5860.00	48.3 AV	54.0	-5.7	1.00 H	175	44.1	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

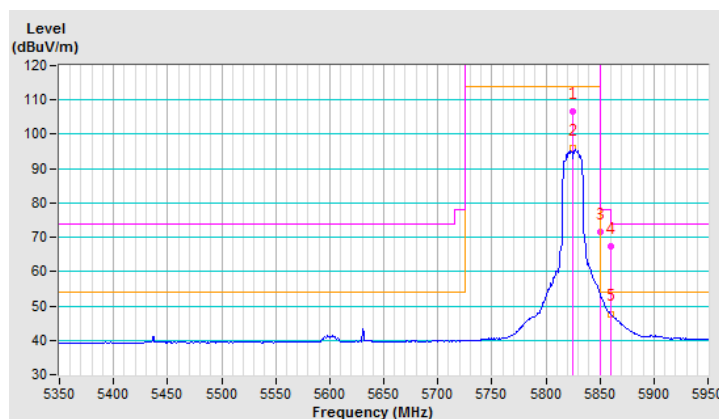


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	*5825.00	106.5 PK			1.00 V	288	102.3	4.2
2	*5825.00	95.9 AV			1.00 V	288	91.7	4.2
3	#5850.00	71.4 PK	78.2	-6.8	1.00 V	288	67.2	4.2
4	#5860.00	67.2 PK	74.0	-6.8	1.00 V	288	63.0	4.2
5	#5860.00	47.7 AV	54.0	-6.3	1.00 V	288	43.5	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.



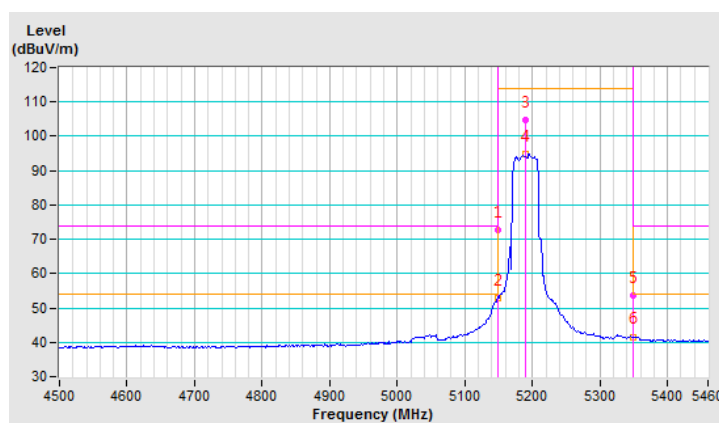
802.11n (40MHz)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	72.8 PK	74.0	-1.2	1.00 H	200	69.8	3.0
2	5150.00	52.9 AV	54.0	-1.1	1.00 H	200	49.9	3.0
3	*5190.00	104.6 PK			1.00 H	200	101.5	3.1
4	*5190.00	94.9 AV			1.00 H	200	91.8	3.1
5	5350.00	53.6 PK	74.0	-20.4	1.00 H	200	50.1	3.5
6	5350.00	41.6 AV	54.0	-12.4	1.00 H	200	38.1	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

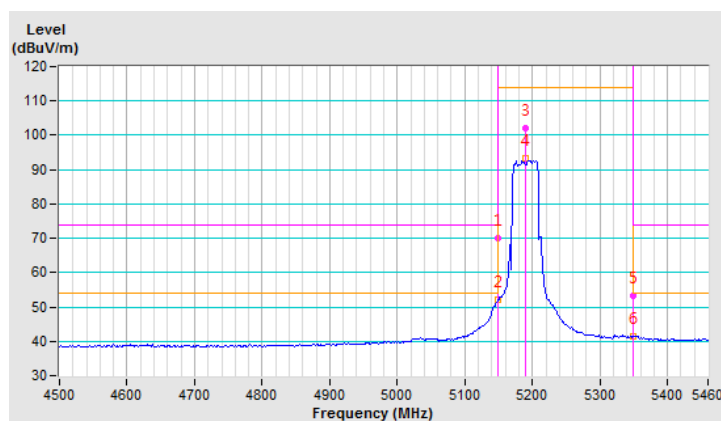


CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	5150.00	70.1 PK	74.0	-3.9	1.00 V	276	67.1	3.0
2	5150.00	52.0 AV	54.0	-2.0	1.00 V	276	49.0	3.0
3	*5190.00	102.2 PK			1.00 V	276	99.1	3.1
4	*5190.00	93.4 AV			1.00 V	276	90.3	3.1
5	5350.00	53.4 PK	74.0	-20.6	1.00 V	276	49.9	3.5
6	5350.00	41.4 AV	54.0	-12.6	1.00 V	276	37.9	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

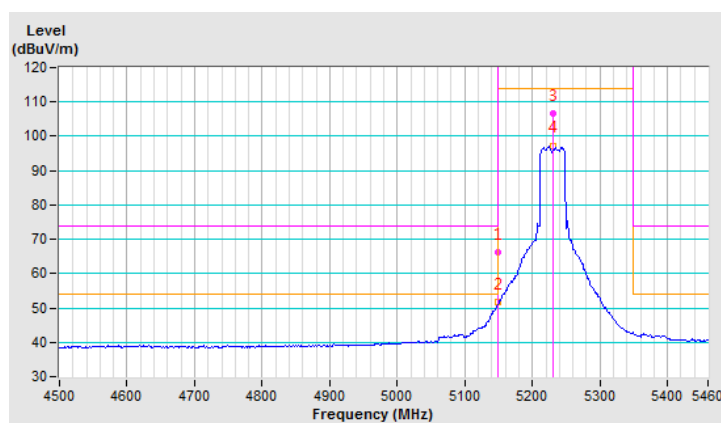


CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	66.2 PK	74.0	-7.8	1.00 V	277	63.2	3.0
2	5150.00	51.6 AV	54.0	-2.4	1.00 V	277	48.6	3.0
3	*5230.00	106.8 PK			1.00 V	277	103.6	3.2
4	*5230.00	97.3 AV			1.00 V	277	94.1	3.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

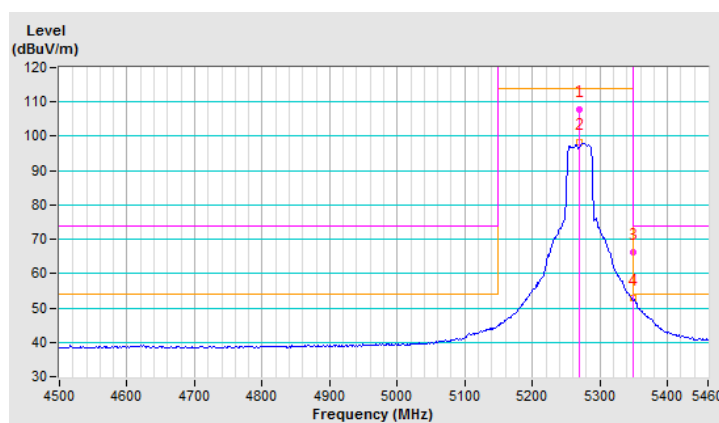


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5270.00	107.8 PK			1.00 H	180	104.5	3.3
2	*5270.00	98.3 AV			1.00 H	180	95.0	3.3
3	5350.00	66.3 PK	74.0	-7.7	1.00 H	180	62.8	3.5
4	5350.00	52.7 AV	54.0	-1.3	1.00 H	180	49.2	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

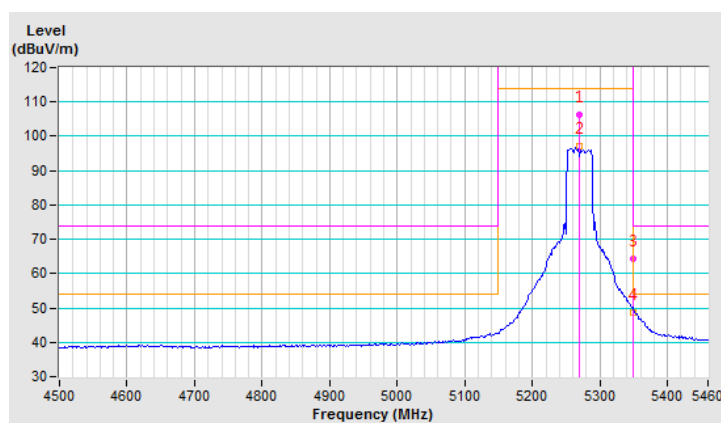


CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	*5270.00	106.2 PK			1.00 V	278	102.9	3.3
2	*5270.00	97.0 AV			1.00 V	278	93.7	3.3
3	5350.00	64.3 PK	74.0	-9.7	1.00 V	278	60.8	3.5
4	5350.00	48.6 AV	54.0	-5.4	1.00 V	278	45.1	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

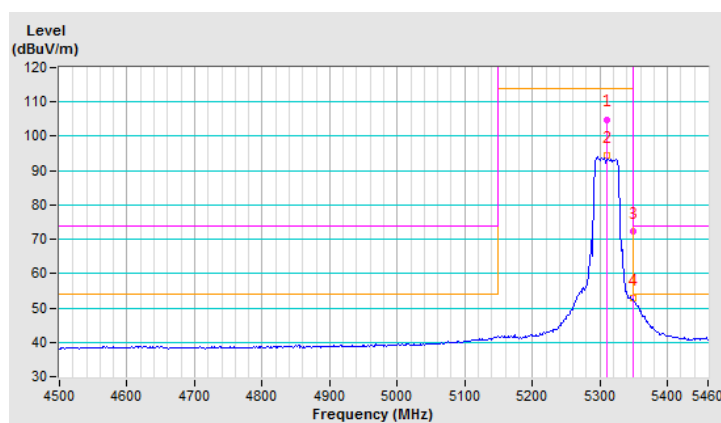


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5310.00	104.9 PK			1.00 H	179	101.5	3.4
2	*5310.00	94.4 AV			1.00 H	179	91.0	3.4
3	5350.00	72.4 PK	74.0	-1.6	1.00 H	179	68.9	3.5
4	5350.00	52.7 AV	54.0	-1.3	1.00 H	179	49.2	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

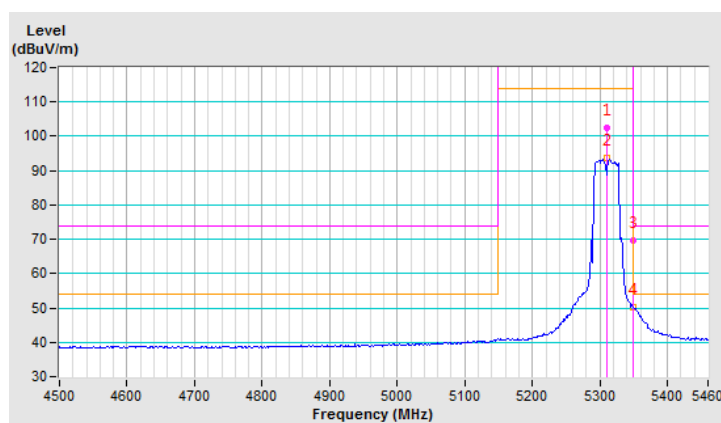


CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	*5310.00	102.6 PK			1.00 V	287	99.2	3.4
2	*5310.00	93.7 AV			1.00 V	287	90.3	3.4
3	5350.00	69.7 PK	74.0	-4.3	1.00 V	287	66.2	3.5
4	5350.00	50.3 AV	54.0	-3.7	1.00 V	287	46.8	3.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.

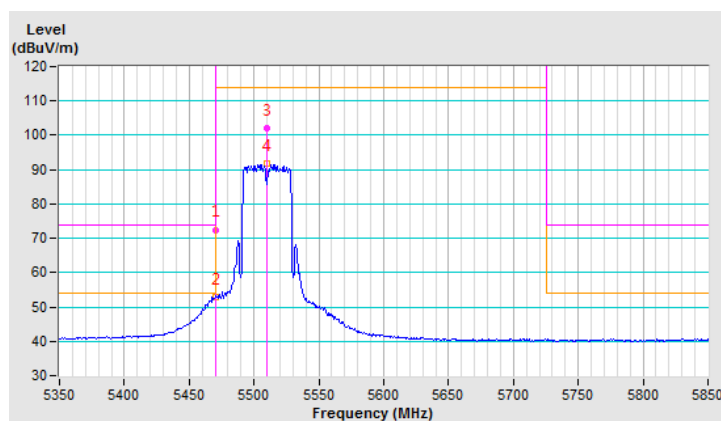


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#5470.00	72.5 PK	74.0	-1.5	1.00 H	175	68.8	3.7
2	#5470.00	52.9 AV	54.0	-1.1	1.00 H	175	49.2	3.7
3	*5510.00	101.9 PK			1.00 H	175	98.1	3.8
4	*5510.00	91.7 AV			1.00 H	175	87.9	3.8

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

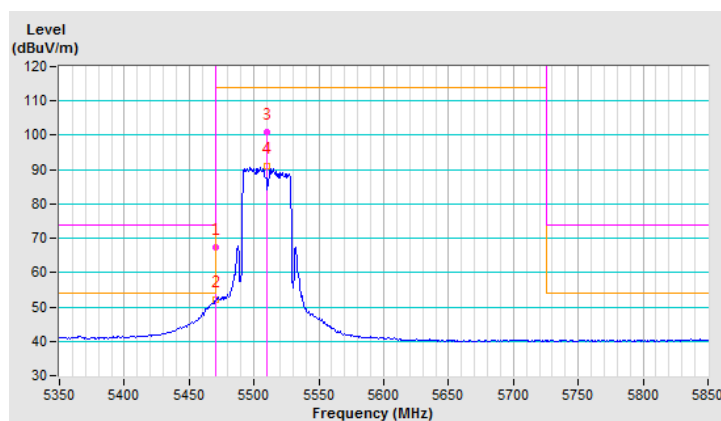


CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

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	#5470.00	67.4 PK	74.0	-6.6	1.00 V	52	63.7	3.7
2	#5470.00	52.0 AV	54.0	-2.0	1.00 V	52	48.3	3.7
3	*5510.00	100.9 PK			1.00 V	288	97.1	3.8
4	*5510.00	91.0 AV			1.00 V	288	87.2	3.8

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

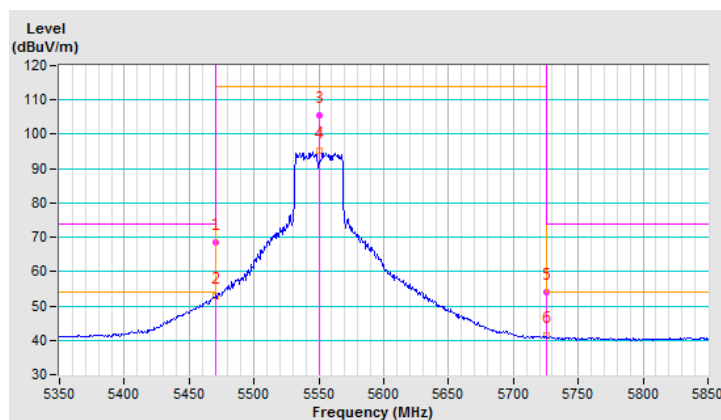


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#5470.00	68.5 PK	74.0	-5.5	1.00 H	173	64.8	3.7
2	#5470.00	52.8 AV	54.0	-1.2	1.00 H	173	49.1	3.7
3	*5550.00	105.6 PK			1.00 H	173	101.7	3.9
4	*5550.00	95.3 AV			1.00 H	173	91.4	3.9
5	#5725.00	53.9 PK	74.0	-20.1	1.00 H	173	49.7	4.2
6	#5725.00	41.3 AV	54.0	-12.7	1.00 H	173	37.1	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

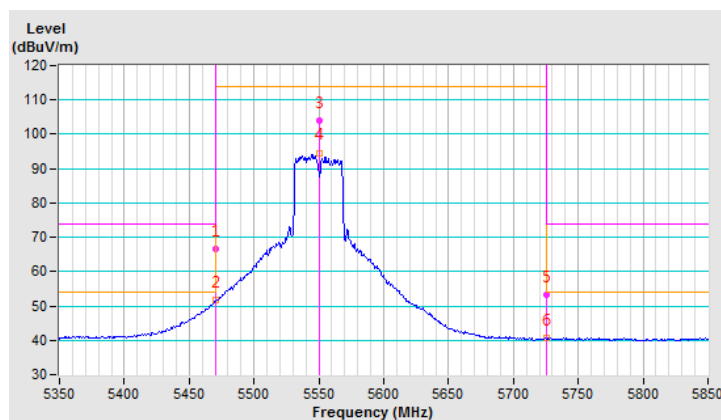


CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	#5470.00	66.5 PK	74.0	-7.5	1.00 V	288	62.8	3.7
2	#5470.00	51.6 AV	54.0	-2.4	1.00 V	288	47.9	3.7
3	*5550.00	104.0 PK			1.00 V	288	100.1	3.9
4	*5550.00	94.6 AV			1.00 V	288	90.7	3.9
5	#5725.00	53.2 PK	74.0	-20.8	1.00 V	288	49.0	4.2
6	#5725.00	40.8 AV	54.0	-13.2	1.00 V	288	36.6	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

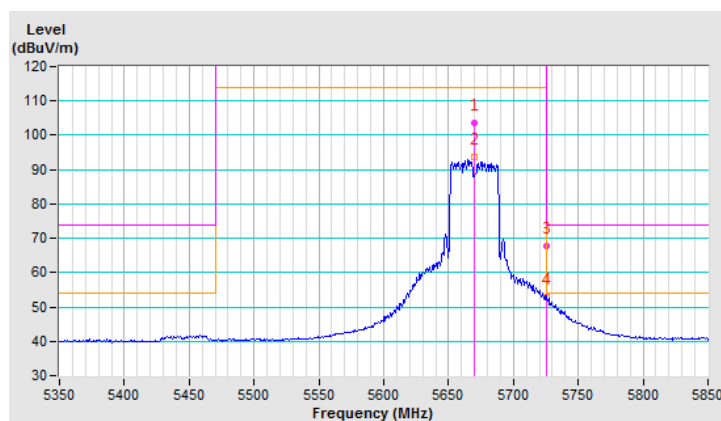


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	*5670.00	103.7 PK			1.00 H	179	99.7	4.0
2	*5670.00	93.6 AV			1.00 H	179	89.6	4.0
3	#5725.00	67.7 PK	74.0	-6.3	1.00 H	179	63.5	4.2
4	#5725.00	52.7 AV	54.0	-1.3	1.00 H	179	48.5	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

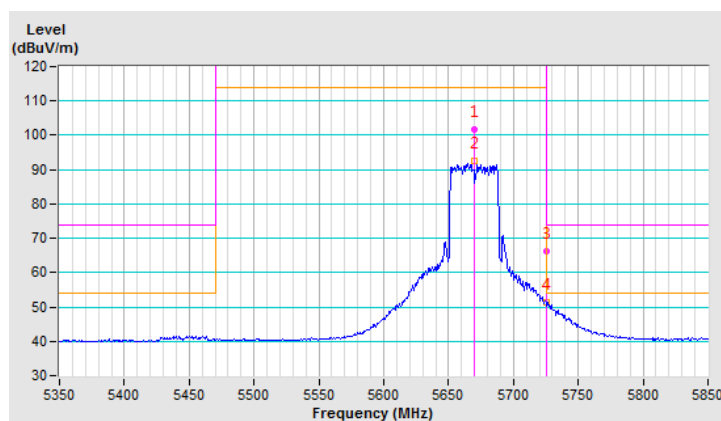


CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	*5670.00	101.6 PK			1.00 V	289	97.6	4.0
2	*5670.00	92.4 AV			1.00 V	289	88.4	4.0
3	#5725.00	66.3 PK	74.0	-7.7	1.00 V	289	62.1	4.2
4	#5725.00	51.2 AV	54.0	-2.8	1.00 V	289	47.0	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

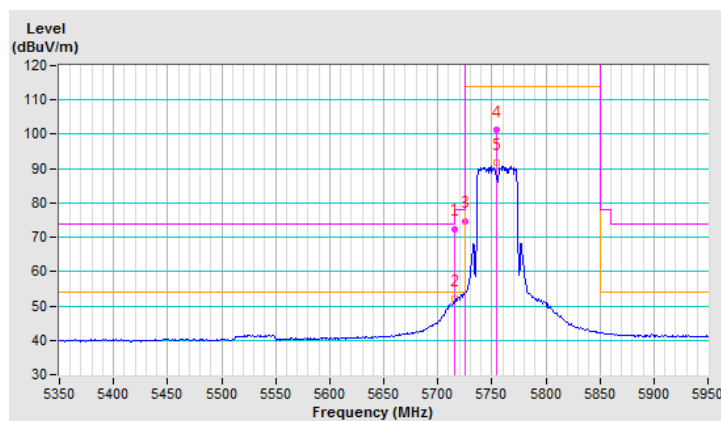


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#5715.00	72.5 PK	74.0	-1.5	1.00 H	179	68.3	4.2
2	#5715.00	52.1 AV	54.0	-1.9	1.00 H	179	47.9	4.2
3	#5725.00	74.8 PK	78.2	-3.4	1.00 H	179	70.6	4.2
4	*5755.00	101.3 PK			1.00 H	179	97.1	4.2
5	*5755.00	91.6 AV			1.00 H	179	87.4	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

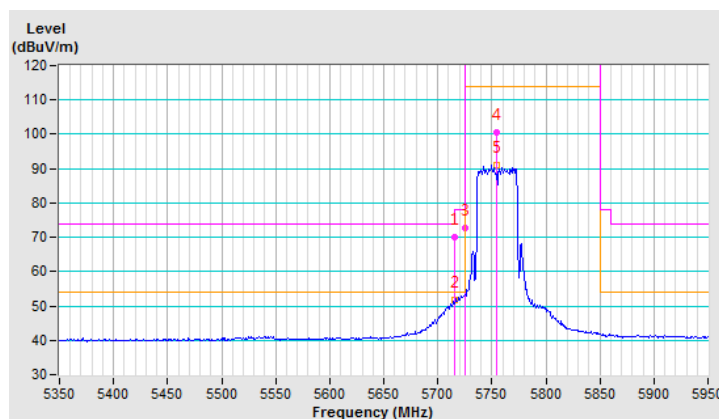


CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	#5715.00	70.0 PK	74.0	-4.0	1.00 V	287	65.8	4.2
2	#5715.00	51.7 AV	54.0	-2.3	1.00 V	287	47.5	4.2
3	#5725.00	72.6 PK	78.2	-5.6	1.00 V	287	68.4	4.2
4	*5755.00	100.5 PK			1.00 V	287	96.3	4.2
5	*5755.00	91.0 AV			1.00 V	287	86.8	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

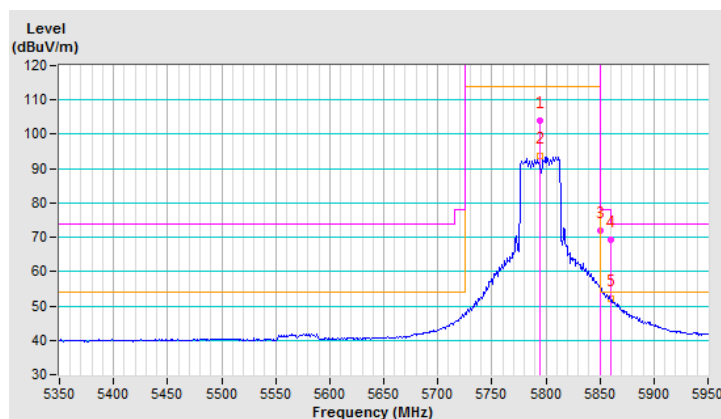


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	*5795.00	103.9 PK			1.00 H	167	99.8	4.1
2	*5795.00	93.8 AV			1.00 H	167	89.7	4.1
3	#5850.00	71.9 PK	78.2	-6.3	1.00 H	167	67.7	4.2
4	#5860.00	69.3 PK	74.0	-4.7	1.00 H	167	65.1	4.2
5	#5860.00	52.1 AV	54.0	-1.9	1.00 H	167	47.9	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

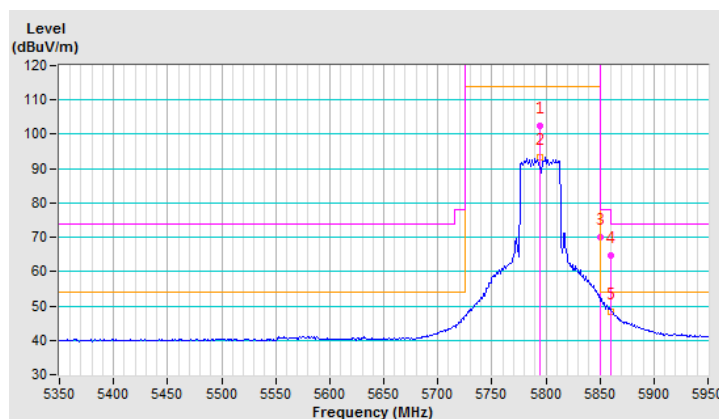


CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: 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	*5795.00	102.6 PK			1.00 V	93	98.5	4.1
2	*5795.00	93.2 AV			1.00 V	93	89.1	4.1
3	#5850.00	69.9 PK	78.2	-8.3	1.00 V	288	65.7	4.2
4	#5860.00	64.7 PK	74.0	-9.3	1.00 V	288	60.5	4.2
5	#5860.00	48.2 AV	54.0	-5.8	1.00 V	288	44.0	4.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.



4.1.12 Test Results (Mode 3, Spurious emission)

Above 1GHz Data:

802.11a

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	50.5 PK	74.0	-23.5	2.94 H	276	36.9	13.6
2	#10360.00	38.3 AV	54.0	-15.7	2.94 H	276	24.7	13.6
3	15540.00	57.1 PK	74.0	-16.9	2.74 H	304	41.4	15.7
4	15540.00	44.5 AV	54.0	-9.5	2.74 H	304	28.8	15.7
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	#10360.00	52.7 PK	74.0	-21.3	1.86 V	66	39.1	13.6
2	#10360.00	41.4 AV	54.0	-12.6	1.86 V	66	27.8	13.6
3	15540.00	58.8 PK	74.0	-15.2	1.60 V	106	43.1	15.7
4	15540.00	46.0 AV	54.0	-8.0	1.60 V	106	30.3	15.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	50.6 PK	74.0	-23.4	3.04 H	279	37.0	13.6
2	#10400.00	38.3 AV	54.0	-15.7	3.04 H	279	24.7	13.6
3	15600.00	57.1 PK	74.0	-16.9	2.74 H	293	41.4	15.7
4	15600.00	44.8 AV	54.0	-9.2	2.74 H	293	29.1	15.7
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	#10400.00	52.6 PK	74.0	-21.4	1.94 V	87	39.0	13.6
2	#10400.00	41.2 AV	54.0	-12.8	1.94 V	87	27.6	13.6
3	15600.00	57.9 PK	74.0	-16.1	1.57 V	123	42.2	15.7
4	15600.00	45.3 AV	54.0	-8.7	1.57 V	123	29.6	15.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	51.3 PK	74.0	-22.7	2.96 H	275	37.3	14.0
2	#10480.00	38.9 AV	54.0	-15.1	2.96 H	275	24.9	14.0
3	15720.00	56.6 PK	74.0	-17.4	2.76 H	280	41.2	15.4
4	15720.00	44.0 AV	54.0	-10.0	2.76 H	280	28.6	15.4
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	#10480.00	52.5 PK	74.0	-21.5	1.89 V	72	38.5	14.0
2	#10480.00	41.4 AV	54.0	-12.6	1.89 V	72	27.4	14.0
3	15720.00	58.6 PK	74.0	-15.4	1.59 V	111	43.2	15.4
4	15720.00	46.0 AV	54.0	-8.0	1.59 V	111	30.6	15.4

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#10520.00	51.3 PK	74.0	-22.7	2.95 H	276	37.2	14.1
2	#10520.00	39.1 AV	54.0	-14.9	2.95 H	276	25.0	14.1
3	15780.00	56.7 PK	74.0	-17.3	2.72 H	281	41.5	15.2
4	15780.00	44.2 AV	54.0	-9.8	2.72 H	281	29.0	15.2
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	#10520.00	52.4 PK	74.0	-21.6	1.85 V	90	38.3	14.1
2	#10520.00	41.2 AV	54.0	-12.8	1.85 V	90	27.1	14.1
3	15780.00	57.9 PK	74.0	-16.1	1.57 V	115	42.7	15.2
4	15780.00	45.3 AV	54.0	-8.7	1.57 V	115	30.1	15.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	10600.00	50.6 PK	74.0	-23.4	2.95 H	274	36.3	14.3
2	10600.00	38.5 AV	54.0	-15.5	2.95 H	274	24.2	14.3
3	15900.00	57.1 PK	74.0	-16.9	2.76 H	309	42.0	15.1
4	15900.00	44.8 AV	54.0	-9.2	2.76 H	309	29.7	15.1
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	10600.00	52.5 PK	74.0	-21.5	1.82 V	68	38.2	14.3
2	10600.00	41.1 AV	54.0	-12.9	1.82 V	68	26.8	14.3
3	15900.00	57.9 PK	74.0	-16.1	1.57 V	120	42.8	15.1
4	15900.00	45.5 AV	54.0	-8.5	1.57 V	120	30.4	15.1

REMARKS:

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

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	50.8 PK	74.0	-23.2	3.00 H	277	36.5	14.3
2	10640.00	38.3 AV	54.0	-15.7	3.00 H	277	24.0	14.3
3	15960.00	56.2 PK	74.0	-17.8	2.72 H	301	41.1	15.1
4	15960.00	44.1 AV	54.0	-9.9	2.72 H	301	29.0	15.1
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	10640.00	52.3 PK	74.0	-21.7	1.86 V	92	38.0	14.3
2	10640.00	41.0 AV	54.0	-13.0	1.86 V	92	26.7	14.3
3	15960.00	58.3 PK	74.0	-15.7	1.58 V	120	43.2	15.1
4	15960.00	45.6 AV	54.0	-8.4	1.58 V	120	30.5	15.1

REMARKS:

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

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	50.9 PK	74.0	-23.1	2.99 H	302	35.7	15.2
2	11000.00	38.4 AV	54.0	-15.6	2.99 H	302	23.2	15.2
3	#16500.00	57.0 PK	74.0	-17.0	2.73 H	283	39.6	17.4
4	#16500.00	44.7 AV	54.0	-9.3	2.73 H	283	27.3	17.4
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	11000.00	51.9 PK	74.0	-22.1	1.92 V	87	36.7	15.2
2	11000.00	40.8 AV	54.0	-13.2	1.92 V	87	25.6	15.2
3	#16500.00	58.0 PK	74.0	-16.0	1.67 V	116	40.6	17.4
4	#16500.00	45.7 AV	54.0	-8.3	1.67 V	116	28.3	17.4

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11160.00	52.9 PK	74.0	-21.1	2.96 H	285	37.7	15.2
2	11160.00	40.3 AV	54.0	-13.7	2.96 H	285	25.1	15.2
3	#16740.00	57.4 PK	74.0	-16.6	2.78 H	291	39.1	18.3
4	#16740.00	44.5 AV	54.0	-9.5	2.78 H	291	26.2	18.3
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	11160.00	53.2 PK	74.0	-20.8	1.87 V	83	38.0	15.2
2	11160.00	39.9 AV	54.0	-14.1	1.87 V	83	24.7	15.2
3	#16740.00	57.3 PK	74.0	-16.7	1.63 V	75	39.0	18.3
4	#16740.00	45.4 AV	54.0	-8.6	1.63 V	75	27.1	18.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11400.00	52.6 PK	74.0	-21.4	3.06 H	294	37.1	15.5
2	11400.00	40.2 AV	54.0	-13.8	3.06 H	294	24.7	15.5
3	#17100.00	57.3 PK	74.0	-16.7	2.80 H	294	37.2	20.1
4	#17100.00	44.6 AV	54.0	-9.4	2.80 H	294	24.5	20.1
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	11400.00	53.6 PK	74.0	-20.4	1.85 V	90	38.1	15.5
2	11400.00	40.3 AV	54.0	-13.7	1.85 V	90	24.8	15.5
3	#17100.00	58.0 PK	74.0	-16.0	1.66 V	81	37.9	20.1
4	#17100.00	46.1 AV	54.0	-7.9	1.66 V	81	26.0	20.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	53.0 PK	74.0	-21.0	2.96 H	284	37.8	15.2
2	11490.00	40.5 AV	54.0	-13.5	2.96 H	284	25.3	15.2
3	#17235.00	57.4 PK	74.0	-16.6	2.76 H	283	37.4	20.0
4	#17235.00	45.1 AV	54.0	-8.9	2.76 H	283	25.1	20.0
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	11490.00	53.8 PK	74.0	-20.2	1.80 V	69	38.6	15.2
2	11490.00	40.1 AV	54.0	-13.9	1.80 V	69	24.9	15.2
3	#17235.00	58.3 PK	74.0	-15.7	1.67 V	87	38.3	20.0
4	#17235.00	46.3 AV	54.0	-7.7	1.67 V	87	26.3	20.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	53.0 PK	74.0	-21.0	2.95 H	296	37.9	15.1
2	11570.00	40.7 AV	54.0	-13.3	2.95 H	296	25.6	15.1
3	#17355.00	57.9 PK	74.0	-16.1	2.83 H	277	37.4	20.5
4	#17355.00	45.2 AV	54.0	-8.8	2.83 H	277	24.7	20.5

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	11570.00	53.8 PK	74.0	-20.2	1.87 V	70	38.7	15.1
2	11570.00	40.2 AV	54.0	-13.8	1.87 V	70	25.1	15.1
3	#17355.00	57.5 PK	74.0	-16.5	1.62 V	78	37.0	20.5
4	#17355.00	45.3 AV	54.0	-8.7	1.62 V	78	24.8	20.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	52.8 PK	74.0	-21.2	2.97 H	288	37.8	15.0
2	11650.00	40.4 AV	54.0	-13.6	2.97 H	288	25.4	15.0
3	#17475.00	57.7 PK	74.0	-16.3	2.83 H	289	36.6	21.1
4	#17475.00	44.9 AV	54.0	-9.1	2.83 H	289	23.8	21.1

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	11650.00	54.2 PK	74.0	-19.8	1.89 V	88	39.2	15.0
2	11650.00	40.7 AV	54.0	-13.3	1.89 V	88	25.7	15.0
3	#17475.00	57.7 PK	74.0	-16.3	1.65 V	73	36.6	21.1
4	#17475.00	46.1 AV	54.0	-7.9	1.65 V	73	25.0	21.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

802.11n (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	50.5 PK	74.0	-23.5	3.07 H	311	36.9	13.6
2	#10360.00	37.9 AV	54.0	-16.1	3.07 H	311	24.3	13.6
3	15540.00	58.1 PK	74.0	-15.9	2.73 H	306	42.4	15.7
4	15540.00	45.4 AV	54.0	-8.6	2.73 H	306	29.7	15.7
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	#10360.00	52.4 PK	74.0	-21.6	1.78 V	57	38.8	13.6
2	#10360.00	41.1 AV	54.0	-12.9	1.78 V	57	27.5	13.6
3	15540.00	58.3 PK	74.0	-15.7	1.63 V	107	42.6	15.7
4	15540.00	45.4 AV	54.0	-8.6	1.63 V	107	29.7	15.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	51.6 PK	74.0	-22.4	3.07 H	291	38.0	13.6
2	#10400.00	38.7 AV	54.0	-15.3	3.07 H	291	25.1	13.6
3	15600.00	57.7 PK	74.0	-16.3	2.77 H	302	42.0	15.7
4	15600.00	45.4 AV	54.0	-8.6	2.77 H	302	29.7	15.7
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	#10400.00	52.1 PK	74.0	-21.9	1.83 V	55	38.5	13.6
2	#10400.00	41.1 AV	54.0	-12.9	1.83 V	55	27.5	13.6
3	15600.00	58.9 PK	74.0	-15.1	1.69 V	87	43.2	15.7
4	15600.00	45.8 AV	54.0	-8.2	1.69 V	87	30.1	15.7

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	50.1 PK	74.0	-23.9	3.08 H	317	36.1	14.0
2	#10480.00	37.8 AV	54.0	-16.2	3.08 H	317	23.8	14.0
3	15720.00	57.4 PK	74.0	-16.6	2.71 H	293	42.0	15.4
4	15720.00	45.0 AV	54.0	-9.0	2.71 H	293	29.6	15.4

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	#10480.00	52.0 PK	74.0	-22.0	1.80 V	75	38.0	14.0
2	#10480.00	40.9 AV	54.0	-13.1	1.80 V	75	26.9	14.0
3	15720.00	58.8 PK	74.0	-15.2	1.66 V	95	43.4	15.4
4	15720.00	45.7 AV	54.0	-8.3	1.66 V	95	30.3	15.4

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#10520.00	50.7 PK	74.0	-23.3	3.08 H	290	36.6	14.1
2	#10520.00	38.2 AV	54.0	-15.8	3.08 H	290	24.1	14.1
3	15780.00	57.8 PK	74.0	-16.2	2.80 H	305	42.6	15.2
4	15780.00	45.3 AV	54.0	-8.7	2.80 H	305	30.1	15.2
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	#10520.00	53.3 PK	74.0	-20.7	1.77 V	76	39.2	14.1
2	#10520.00	41.7 AV	54.0	-12.3	1.77 V	76	27.6	14.1
3	15780.00	58.6 PK	74.0	-15.4	1.72 V	95	43.4	15.2
4	15780.00	45.7 AV	54.0	-8.3	1.72 V	95	30.5	15.2

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	10600.00	51.5 PK	74.0	-22.5	3.05 H	294	37.2	14.3
2	10600.00	38.8 AV	54.0	-15.2	3.05 H	294	24.5	14.3
3	15900.00	57.9 PK	74.0	-16.1	2.74 H	299	42.8	15.1
4	15900.00	45.3 AV	54.0	-8.7	2.74 H	299	30.2	15.1
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	10600.00	52.7 PK	74.0	-21.3	1.78 V	86	38.4	14.3
2	10600.00	41.2 AV	54.0	-12.8	1.78 V	86	26.9	14.3
3	15900.00	58.8 PK	74.0	-15.2	1.66 V	95	43.7	15.1
4	15900.00	46.1 AV	54.0	-7.9	1.66 V	95	31.0	15.1

REMARKS:

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

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	50.5 PK	74.0	-23.5	3.08 H	307	36.2	14.3
2	10640.00	38.1 AV	54.0	-15.9	3.08 H	307	23.8	14.3
3	15960.00	57.9 PK	74.0	-16.1	2.79 H	277	42.8	15.1
4	15960.00	45.2 AV	54.0	-8.8	2.79 H	277	30.1	15.1

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	10640.00	52.4 PK	74.0	-21.6	1.79 V	70	38.1	14.3
2	10640.00	41.1 AV	54.0	-12.9	1.79 V	70	26.8	14.3
3	15960.00	58.3 PK	74.0	-15.7	1.67 V	100	43.2	15.1
4	15960.00	45.6 AV	54.0	-8.4	1.67 V	100	30.5	15.1

REMARKS:

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

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	53.0 PK	74.0	-21.0	3.02 H	292	37.8	15.2
2	11000.00	40.8 AV	54.0	-13.2	3.02 H	292	25.6	15.2
3	#16500.00	56.8 PK	74.0	-17.2	2.75 H	304	39.4	17.4
4	#16500.00	44.2 AV	54.0	-9.8	2.75 H	304	26.8	17.4
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	11000.00	52.5 PK	74.0	-21.5	1.76 V	68	37.3	15.2
2	11000.00	41.1 AV	54.0	-12.9	1.76 V	68	25.9	15.2
3	#16500.00	58.6 PK	74.0	-15.4	1.64 V	108	41.2	17.4
4	#16500.00	45.7 AV	54.0	-8.3	1.64 V	108	28.3	17.4

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11160.00	52.9 PK	74.0	-21.1	3.00 H	287	37.7	15.2
2	11160.00	40.6 AV	54.0	-13.4	3.00 H	287	25.4	15.2
3	#16740.00	57.3 PK	74.0	-16.7	2.75 H	303	39.0	18.3
4	#16740.00	44.4 AV	54.0	-9.6	2.75 H	303	26.1	18.3
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	11160.00	53.0 PK	74.0	-21.0	1.79 V	82	37.8	15.2
2	11160.00	39.7 AV	54.0	-14.3	1.79 V	82	24.5	15.2
3	#16740.00	57.3 PK	74.0	-16.7	1.67 V	104	39.0	18.3
4	#16740.00	45.5 AV	54.0	-8.5	1.67 V	104	27.2	18.3

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11400.00	52.3 PK	74.0	-21.7	3.01 H	284	36.8	15.5
2	11400.00	40.2 AV	54.0	-13.8	3.01 H	284	24.7	15.5
3	#17100.00	57.3 PK	74.0	-16.7	2.70 H	313	37.2	20.1
4	#17100.00	44.3 AV	54.0	-9.7	2.70 H	313	24.2	20.1
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	11400.00	54.4 PK	74.0	-19.6	1.81 V	56	38.9	15.5
2	11400.00	40.6 AV	54.0	-13.4	1.81 V	56	25.1	15.5
3	#17100.00	57.1 PK	74.0	-16.9	1.71 V	97	37.0	20.1
4	#17100.00	44.9 AV	54.0	-9.1	1.71 V	97	24.8	20.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11490.00	52.5 PK	74.0	-21.5	3.01 H	284	37.3	15.2
2	11490.00	40.5 AV	54.0	-13.5	3.01 H	284	25.3	15.2
3	#17235.00	57.0 PK	74.0	-17.0	2.77 H	308	37.0	20.0
4	#17235.00	44.0 AV	54.0	-10.0	2.77 H	308	24.0	20.0
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	11490.00	53.9 PK	74.0	-20.1	1.86 V	70	38.7	15.2
2	11490.00	40.3 AV	54.0	-13.7	1.86 V	70	25.1	15.2
3	#17235.00	57.0 PK	74.0	-17.0	1.66 V	99	37.0	20.0
4	#17235.00	45.1 AV	54.0	-8.9	1.66 V	99	25.1	20.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11570.00	52.4 PK	74.0	-21.6	3.02 H	275	37.3	15.1
2	11570.00	40.2 AV	54.0	-13.8	3.02 H	275	25.1	15.1
3	#17355.00	56.9 PK	74.0	-17.1	2.78 H	290	36.4	20.5
4	#17355.00	44.0 AV	54.0	-10.0	2.78 H	290	23.5	20.5
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	11570.00	53.8 PK	74.0	-20.2	1.85 V	58	38.7	15.1
2	11570.00	40.5 AV	54.0	-13.5	1.85 V	58	25.4	15.1
3	#17355.00	57.4 PK	74.0	-16.6	1.70 V	101	36.9	20.5
4	#17355.00	45.2 AV	54.0	-8.8	1.70 V	101	24.7	20.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11650.00	52.8 PK	74.0	-21.2	3.06 H	283	37.8	15.0
2	11650.00	40.4 AV	54.0	-13.6	3.06 H	283	25.4	15.0
3	#17475.00	57.3 PK	74.0	-16.7	2.70 H	301	36.2	21.1
4	#17475.00	44.4 AV	54.0	-9.6	2.70 H	301	23.3	21.1
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	11650.00	53.4 PK	74.0	-20.6	1.80 V	68	38.4	15.0
2	11650.00	39.9 AV	54.0	-14.1	1.80 V	68	24.9	15.0
3	#17475.00	56.9 PK	74.0	-17.1	1.63 V	78	35.8	21.1
4	#17475.00	45.1 AV	54.0	-8.9	1.63 V	78	24.0	21.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

802.11n (40MHz)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	52.1 PK	74.0	-21.9	3.00 H	277	38.4	13.7
2	#10380.00	40.2 AV	54.0	-13.8	3.00 H	277	26.5	13.7
3	15570.00	57.9 PK	74.0	-16.1	2.75 H	293	42.3	15.6
4	15570.00	45.0 AV	54.0	-9.0	2.75 H	293	29.4	15.6
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	#10380.00	52.9 PK	74.0	-21.1	1.83 V	67	39.2	13.7
2	#10380.00	41.4 AV	54.0	-12.6	1.83 V	67	27.7	13.7
3	15570.00	58.6 PK	74.0	-15.4	1.66 V	117	43.0	15.6
4	15570.00	45.9 AV	54.0	-8.1	1.66 V	117	30.3	15.6

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	52.6 PK	74.0	-21.4	3.03 H	274	38.7	13.9
2	#10460.00	40.3 AV	54.0	-13.7	3.03 H	274	26.4	13.9
3	15690.00	57.5 PK	74.0	-16.5	2.71 H	299	41.9	15.6
4	15690.00	44.9 AV	54.0	-9.1	2.71 H	299	29.3	15.6

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	#10460.00	52.3 PK	74.0	-21.7	1.83 V	63	38.4	13.9
2	#10460.00	41.1 AV	54.0	-12.9	1.83 V	63	27.2	13.9
3	15690.00	58.3 PK	74.0	-15.7	1.71 V	99	42.7	15.6
4	15690.00	45.2 AV	54.0	-8.8	1.71 V	99	29.6	15.6

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	#10540.00	53.1 PK	74.0	-20.9	3.07 H	278	38.9	14.2
2	#10540.00	41.0 AV	54.0	-13.0	3.07 H	278	26.8	14.2
3	15810.00	57.6 PK	74.0	-16.4	2.73 H	308	42.6	15.0
4	15810.00	44.7 AV	54.0	-9.3	2.73 H	308	29.7	15.0

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	#10540.00	52.6 PK	74.0	-21.4	1.84 V	59	38.4	14.2
2	#10540.00	41.2 AV	54.0	-12.8	1.84 V	59	27.0	14.2
3	15810.00	58.4 PK	74.0	-15.6	1.62 V	87	43.4	15.0
4	15810.00	45.7 AV	54.0	-8.3	1.62 V	87	30.7	15.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	10620.00	53.0 PK	74.0	-21.0	3.05 H	281	38.7	14.3
2	10620.00	40.7 AV	54.0	-13.3	3.05 H	281	26.4	14.3
3	15930.00	57.8 PK	74.0	-16.2	2.68 H	297	42.7	15.1
4	15930.00	44.8 AV	54.0	-9.2	2.68 H	297	29.7	15.1
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	10620.00	52.8 PK	74.0	-21.2	1.79 V	83	38.5	14.3
2	10620.00	41.6 AV	54.0	-12.4	1.79 V	83	27.3	14.3
3	15930.00	57.9 PK	74.0	-16.1	1.66 V	89	42.8	15.1
4	15930.00	45.2 AV	54.0	-8.8	1.66 V	89	30.1	15.1

REMARKS:

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

CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	52.6 PK	74.0	-21.4	3.02 H	299	37.5	15.1
2	11020.00	40.2 AV	54.0	-13.8	3.02 H	299	25.1	15.1
3	#16530.00	56.7 PK	74.0	-17.3	2.71 H	302	39.2	17.5
4	#16530.00	43.9 AV	54.0	-10.1	2.71 H	302	26.4	17.5

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	11020.00	52.7 PK	74.0	-21.3	1.85 V	65	37.6	15.1
2	11020.00	41.3 AV	54.0	-12.7	1.85 V	65	26.2	15.1
3	#16530.00	59.0 PK	74.0	-15.0	1.71 V	98	41.5	17.5
4	#16530.00	46.1 AV	54.0	-7.9	1.71 V	98	28.6	17.5

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11100.00	52.8 PK	74.0	-21.2	2.99 H	282	37.7	15.1
2	11100.00	40.6 AV	54.0	-13.4	2.99 H	282	25.5	15.1
3	#16650.00	57.2 PK	74.0	-16.8	2.70 H	287	39.2	18.0
4	#16650.00	44.1 AV	54.0	-9.9	2.70 H	287	26.1	18.0
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	11100.00	53.6 PK	74.0	-20.4	1.84 V	71	38.5	15.1
2	11100.00	39.9 AV	54.0	-14.1	1.84 V	71	24.8	15.1
3	#16650.00	57.5 PK	74.0	-16.5	1.65 V	93	39.5	18.0
4	#16650.00	45.4 AV	54.0	-8.6	1.65 V	93	27.4	18.0

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	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	11340.00	53.5 PK	74.0	-20.5	3.05 H	283	38.2	15.3
2	11340.00	41.1 AV	54.0	-12.9	3.05 H	283	25.8	15.3
3	#17010.00	57.7 PK	74.0	-16.3	2.80 H	290	37.8	19.9
4	#17010.00	44.6 AV	54.0	-9.4	2.80 H	290	24.7	19.9
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	11340.00	53.2 PK	74.0	-20.8	1.82 V	58	37.9	15.3
2	11340.00	39.7 AV	54.0	-14.3	1.82 V	58	24.4	15.3
3	#17010.00	57.1 PK	74.0	-16.9	1.73 V	91	37.2	19.9
4	#17010.00	45.3 AV	54.0	-8.7	1.73 V	91	25.4	19.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11510.00	53.2 PK	74.0	-20.8	3.01 H	294	38.1	15.1
2	11510.00	40.7 AV	54.0	-13.3	3.01 H	294	25.6	15.1
3	#17265.00	57.3 PK	74.0	-16.7	2.74 H	289	37.4	19.9
4	#17265.00	44.5 AV	54.0	-9.5	2.74 H	289	24.6	19.9
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	11510.00	53.5 PK	74.0	-20.5	1.88 V	77	38.4	15.1
2	11510.00	39.7 AV	54.0	-14.3	1.88 V	77	24.6	15.1
3	#17265.00	57.2 PK	74.0	-16.8	1.65 V	77	37.3	19.9
4	#17265.00	45.2 AV	54.0	-8.8	1.65 V	77	25.3	19.9

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11590.00	52.8 PK	74.0	-21.2	3.02 H	288	37.7	15.1
2	11590.00	40.7 AV	54.0	-13.3	3.02 H	288	25.6	15.1
3	#17385.00	57.4 PK	74.0	-16.6	2.73 H	293	36.8	20.6
4	#17385.00	44.6 AV	54.0	-9.4	2.73 H	293	24.0	20.6
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	11590.00	53.6 PK	74.0	-20.4	1.81 V	85	38.5	15.1
2	11590.00	40.0 AV	54.0	-14.0	1.81 V	85	24.9	15.1
3	#17385.00	57.4 PK	74.0	-16.6	1.71 V	86	36.8	20.6
4	#17385.00	45.3 AV	54.0	-8.7	1.71 V	86	24.7	20.6

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

Below 1GHz Data:

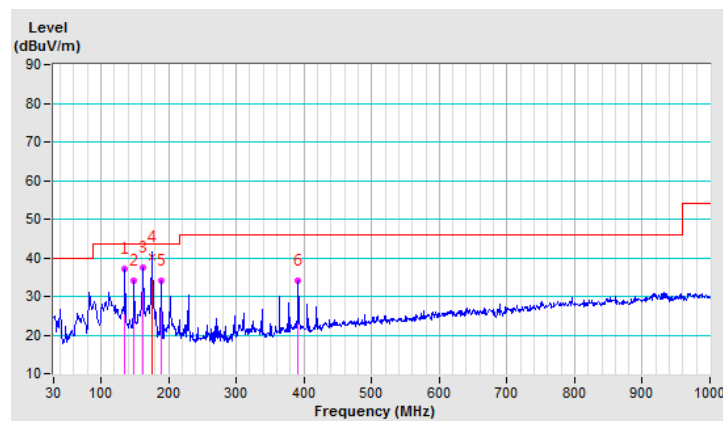
802.11a

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	Below 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	135.00	37.3 QP	43.5	-6.2	2.00 H	79	46.9	-9.6
2	148.51	34.2 QP	43.5	-9.3	2.00 H	289	42.6	-8.4
3	162.04	37.5 QP	43.5	-6.0	2.50 H	289	45.9	-8.4
4	175.50	40.1 QP	43.5	-3.4	1.50 H	288	49.3	-9.2
5	189.01	34.1 QP	43.5	-9.4	1.00 H	96	44.7	-10.6
6	391.49	34.0 QP	46.0	-12.0	1.00 H	189	39.2	-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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value

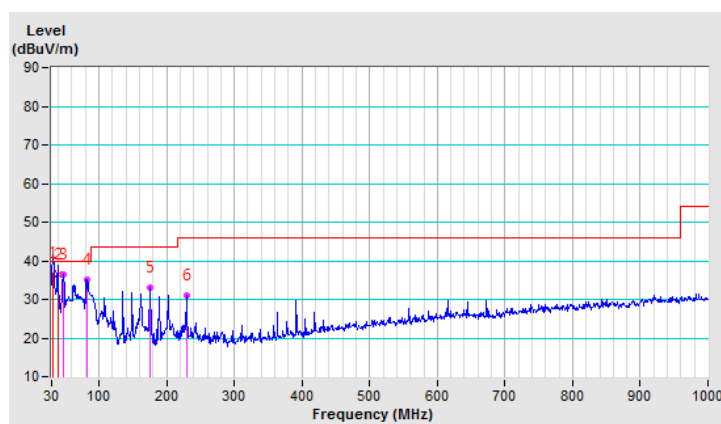


CHANNEL	TX Channel 52	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	Below 1GHz		

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	32.21	36.9 QP	40.0	-3.1	1.00 V	0	46.8	-9.9
2	39.68	36.6 QP	40.0	-3.4	1.00 V	51	45.6	-9.0
3	47.29	36.4 QP	40.0	-3.6	1.00 V	213	44.8	-8.4
4	83.18	35.1 QP	40.0	-4.9	1.00 V	249	48.6	-13.5
5	175.50	33.0 QP	43.5	-10.5	1.00 V	0	42.2	-9.2
6	229.53	31.0 QP	46.0	-15.0	1.00 V	360	42.1	-11.1

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. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



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	100375	May 09, 2016	May 08, 2017
Line-Impedance Stabilization Network (for EUT) R&S	ENV216	100072	June 13, 2016	June 12, 2017
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	848773/004	Oct. 28, 2015	Oct. 27, 2016
RF Cable	5D-FB	COCCAB-001	Mar. 08, 2016	Mar. 07, 2017
10 dB PAD Mini-Circuits	HAT-10+	CONATT-003	Sep. 14, 2015	Sep. 13, 2016
50 ohms Terminator	N/A	EMC-03	Sep. 23, 2015	Sep. 22, 2016
50 ohms Terminator	N/A	EMC-02	Oct. 01, 2015	Sep. 30, 2016
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 Shielded Room No. C.
- 3 The VCCI Con C Registration No. is C-3611.
- 4 Tested Date: Aug. 30, 2016

4.2.3 Test Procedure

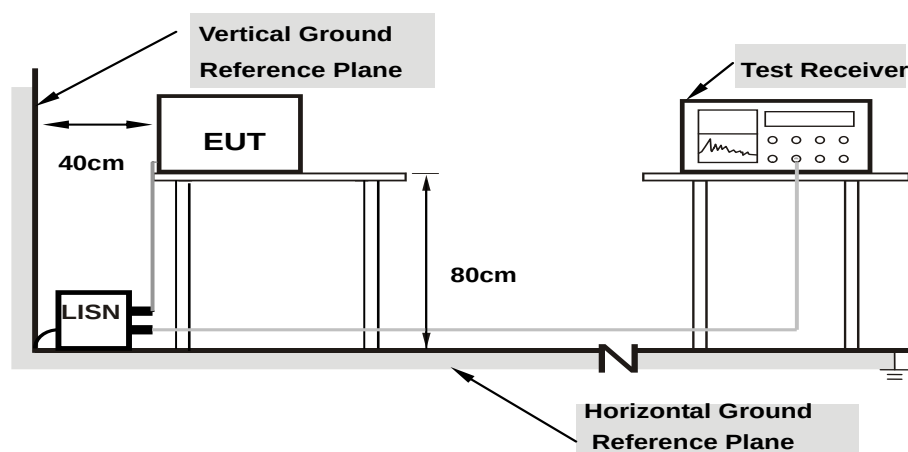
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance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

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

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



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

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

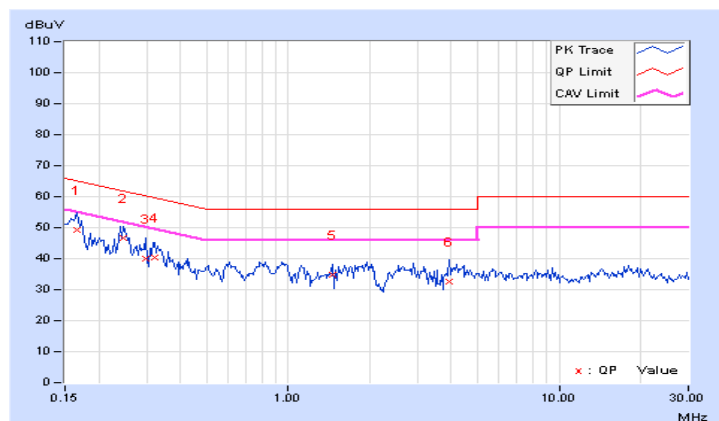
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16562	19.93	29.44	19.24	49.37	39.17	65.18	55.18	-15.81	-16.01
2	0.24766	19.89	26.95	18.38	46.84	38.27	61.84	51.84	-15.00	-13.57
3	0.29844	19.90	20.19	10.83	40.09	30.73	60.29	50.29	-20.20	-19.56
4	0.32188	19.90	20.64	12.57	40.54	32.47	59.66	49.66	-19.12	-17.19
5	1.45703	19.84	15.11	8.35	34.95	28.19	56.00	46.00	-21.05	-17.81
6	3.94141	19.96	12.50	3.63	32.46	23.59	56.00	46.00	-23.54	-22.41

Remarks:

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

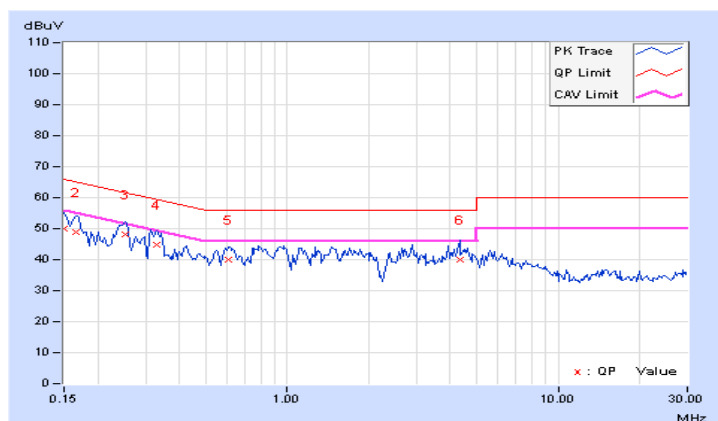


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	19.97	30.18	20.48	50.15	40.45	66.00	56.00	-15.85	-15.55
2	0.16562	19.94	28.92	19.32	48.86	39.26	65.18	55.18	-16.32	-15.92
3	0.25156	19.89	28.34	21.54	48.23	41.43	61.71	51.71	-13.48	-10.28
4	0.32969	19.90	24.84	17.77	44.74	37.67	59.46	49.46	-14.72	-11.79
5	0.60313	19.88	20.10	11.42	39.98	31.30	56.00	46.00	-16.02	-14.70
6	4.33203	20.03	19.93	14.67	39.96	34.70	56.00	46.00	-16.04	-11.30

Remarks:

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



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

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

*B is the 26 dB emission bandwidth in megahertz

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

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

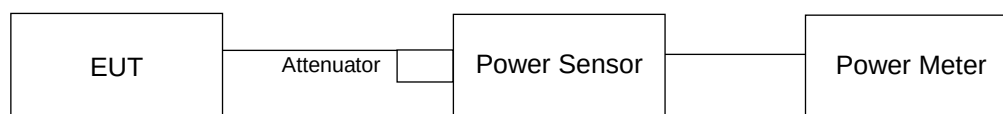
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

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

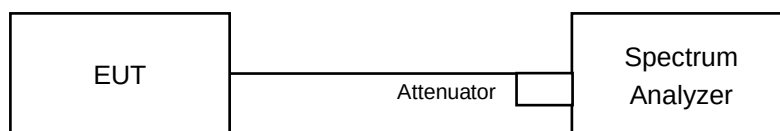
For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT



FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

For AVERAGE POWER MEASUREMENT

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

FOR 26dB OCCUPIED BANDWIDTH

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

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

4.3.7 Test Result (Mode 1)

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Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	40.272	16.05	24	Pass
40	5200	66.527	18.23	24	Pass
48	5240	64.863	18.12	24	Pass
52	5260	81.658	19.12	24	Pass
60	5300	56.494	17.52	24	Pass
64	5320	34.198	15.34	24	Pass
100	5500	28.774	14.59	24	Pass
116	5580	41.783	16.21	24	Pass
140	5700	18.664	12.71	24	Pass
149	5745	25.003	13.98	30	Pass
157	5785	41.783	16.21	30	Pass
165	5825	28.314	14.52	30	Pass

26dB Bandwidth:

Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)
52	5260	40.53
60	5300	37.73
64	5320	25.89
100	5500	33.03
116	5580	37.67
140	5700	24.69

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	40.53	27.07 > 24
60	5300	37.73	26.76 > 24
64	5320	25.89	25.13 > 24
100	5500	33.03	26.18 > 24
116	5580	37.67	26.75 > 24
140	5700	24.69	24.92 > 24

802.11n (20MHz)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	34.995	15.44	24	Pass
40	5200	52.602	17.21	24	Pass
48	5240	51.642	17.13	24	Pass
52	5260	51.88	17.15	24	Pass
60	5300	51.286	17.10	24	Pass
64	5320	30.061	14.78	24	Pass
100	5500	26.182	14.18	24	Pass
116	5580	26.485	14.23	24	Pass
140	5700	18.45	12.66	24	Pass
149	5745	21.528	13.33	30	Pass
157	5785	23.174	13.65	30	Pass
165	5825	21.38	13.30	30	Pass

26dB Bandwidth:

Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)
52	5260	35.55
60	5300	34.93
64	5320	27.04
100	5500	34.12
116	5580	33.80
140	5700	23.69

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	35.55	26.5 > 24
60	5300	34.93	26.43 > 24
64	5320	27.04	25.32 > 24
100	5500	34.12	26.33 > 24
116	5580	33.80	26.28 > 24
140	5700	23.69	24.74 > 24

802.11n (40MHz)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	16.406	12.15	24	Pass
46	5230	42.658	16.30	24	Pass
54	5270	44.259	16.46	24	Pass
62	5310	18.281	12.62	24	Pass
102	5510	13.772	11.39	24	Pass
110	5550	28.51	14.55	24	Pass
134	5670	28.314	14.52	24	Pass
151	5755	14.256	11.54	30	Pass
159	5795	23.55	13.72	30	Pass

26dB Bandwidth:

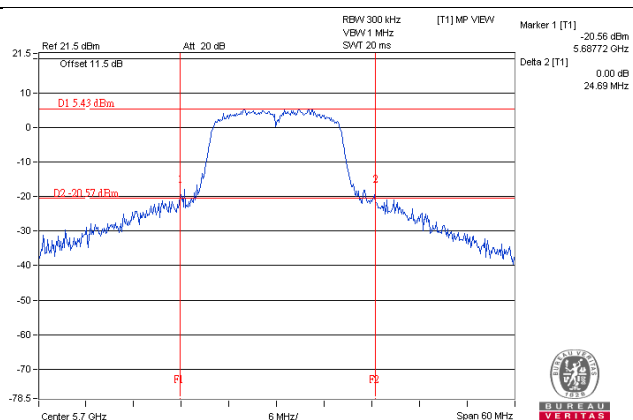
Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)
54	5270	87.58
62	5310	46.08
102	5510	55.63
110	5550	92.50
134	5670	89.20

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

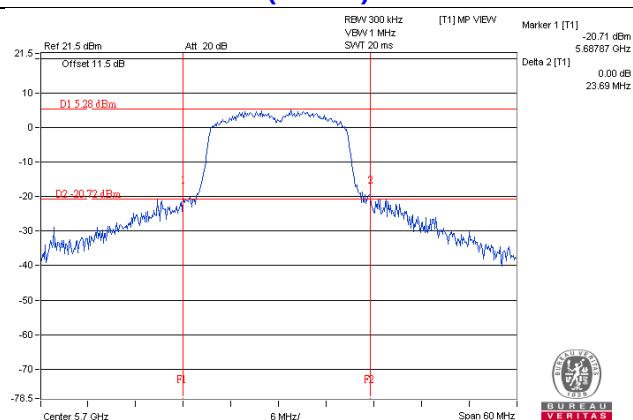
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	87.58	30.42 > 24
62	5310	46.08	27.63 > 24
102	5510	55.63	28.45 > 24
110	5550	92.50	30.66 > 24
134	5670	89.20	30.5 > 24

Spectrum Plot of Worst Value

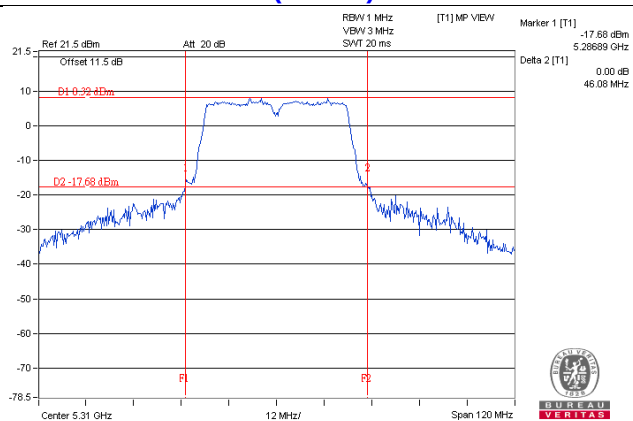
802.11a / CH140



802.11n (20MHz) / CH140



802.11n (40MHz) / CH62



4.3.8 Test Result (Mode 2)

802.11a

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	47.424	16.76	24	Pass
40	5200	70.958	18.51	24	Pass
48	5240	82.224	19.15	24	Pass
52	5260	81.658	19.12	24	Pass
60	5300	67.764	18.31	24	Pass
64	5320	28.84	14.60	24	Pass
100	5500	30.061	14.78	24	Pass
116	5580	40.738	16.10	24	Pass
140	5700	13.964	11.45	24	Pass
149	5745	18.836	12.75	30	Pass
157	5785	38.371	15.84	30	Pass
165	5825	30.69	14.87	30	Pass

26dB Bandwidth:

Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)
52	5260	40.93
60	5300	36.21
64	5320	21.19
100	5500	24.42
116	5580	35.84
140	5700	20.07

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	40.93	27.12 > 24
60	5300	36.21	26.58 > 24
64	5320	21.19	24.26 > 24
100	5500	24.42	24.87 > 24
116	5580	35.84	26.54 > 24
140	5700	20.07	24.02 > 24

802.11n (20MHz)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
36	5180	41.879	16.22	24	Pass
40	5200	56.494	17.52	24	Pass
48	5240	57.544	17.60	24	Pass
52	5260	57.28	17.58	24	Pass
60	5300	56.364	17.51	24	Pass
64	5320	31.915	15.04	24	Pass
100	5500	28.379	14.53	24	Pass
116	5580	25.177	14.01	24	Pass
140	5700	18.281	12.62	24	Pass
149	5745	17.66	12.47	30	Pass
157	5785	22.491	13.52	30	Pass
165	5825	22.646	13.55	30	Pass

26dB Bandwidth:

Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)
52	5260	34.29
60	5300	33.94
64	5320	28.93
100	5500	29.22
116	5580	28.47
140	5700	22.12

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	34.29	26.35 > 24
60	5300	33.94	26.3 > 24
64	5320	28.93	25.61 > 24
100	5500	29.22	25.65 > 24
116	5580	28.47	25.54 > 24
140	5700	22.12	24.44 > 24

802.11n (40MHz)

Power Output:

Channel	Channel Frequency (MHz)	Maximum Conducted Power (mW)	Maximum Conducted Power (dBm)	Power Limit (dBm)	Pass/Fail
38	5190	21.979	13.42	24	Pass
46	5230	51.286	17.10	24	Pass
54	5270	45.92	16.62	24	Pass
62	5310	20.941	13.21	24	Pass
102	5510	14.894	11.73	24	Pass
110	5550	25.823	14.12	24	Pass
134	5670	19.409	12.88	24	Pass
151	5755	16.218	12.10	30	Pass
159	5795	23.768	13.76	30	Pass

26dB Bandwidth:

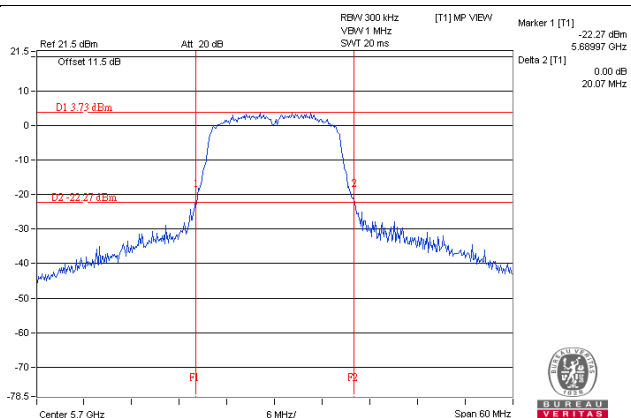
Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)
54	5270	92.51
62	5310	50.02
102	5510	49.79
110	5550	83.34
134	5670	69.30

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

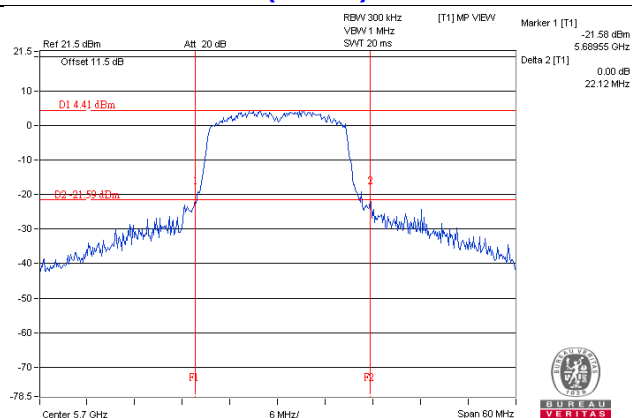
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	92.51	30.66 > 24
62	5310	50.02	27.99 > 24
102	5510	49.79	27.97 > 24
110	5550	83.34	30.2 > 24
134	5670	69.30	29.4 > 24

Spectrum Plot of Worst Value

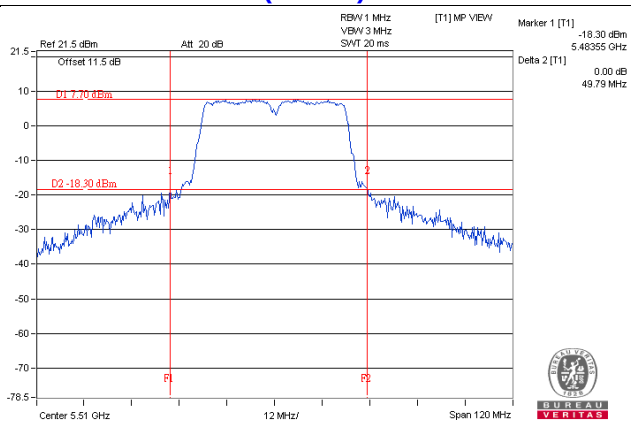
802.11a / CH140



802.11n (20MHz) / CH140



802.11n (40MHz) / CH102



4.3.9 Test Result (Mode 3)

802.11a

Power Output:

CHAN.	FREQ. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	16.52	16.62	90.795	19.58	24	Pass
40	5200	18.38	18.35	137.256	21.38	24	Pass
48	5240	19.10	19.52	170.819	22.33	24	Pass
52	5260	19.20	19.42	170.674	22.32	24	Pass
60	5300	17.32	17.44	109.414	20.39	24	Pass
64	5320	14.52	14.32	55.354	17.43	24	Pass
100	5500	13.78	14.21	50.241	17.01	24	Pass
116	5580	15.75	16.35	80.736	19.07	24	Pass
140	5700	12.12	12.21	32.927	15.18	24	Pass
149	5745	12.30	12.85	36.257	15.59	30	Pass
157	5785	15.74	16.65	83.735	19.23	30	Pass
165	5825	15.02	15.65	68.497	18.36	30	Pass

26dB Bandwidth:

Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	41.33	38.38
60	5300	38.50	37.15
64	5320	23.84	20.70
100	5500	34.52	31.23
116	5580	37.60	36.13
140	5700	28.03	20.11

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	38.38	26.84 > 24
60	5300	37.15	26.69 > 24
64	5320	20.70	24.15 > 24
100	5500	31.23	25.94 > 24
116	5580	36.13	26.57 > 24
140	5700	20.11	24.03 > 24

802.11n (20MHz)

Power Output:

CHAN.	FREQ. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	16.10	16.22	82.617	19.17	24	Pass
40	5200	17.35	17.21	106.927	20.29	24	Pass
48	5240	17.21	17.51	108.966	20.37	24	Pass
52	5260	17.32	17.52	110.445	20.43	24	Pass
60	5300	17.11	17.20	103.885	20.17	24	Pass
64	5320	14.21	14.10	52.067	17.17	24	Pass
100	5500	13.27	13.74	44.891	16.52	24	Pass
116	5580	13.62	14.21	49.377	16.94	24	Pass
140	5700	11.99	12.43	33.31	15.23	24	Pass
149	5745	12.21	12.83	35.821	15.54	30	Pass
157	5785	13.52	14.33	49.593	16.95	30	Pass
165	5825	13.84	14.35	51.437	17.11	30	Pass

26dB Bandwidth:

Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	41.32	35.63
60	5300	37.59	32.20
64	5320	23.42	22.67
100	5500	37.25	32.71
116	5580	37.57	29.16
140	5700	30.53	23.64

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	35.63	26.51 > 24
60	5300	32.20	26.07 > 24
64	5320	22.67	24.55 > 24
100	5500	32.71	26.14 > 24
116	5580	29.16	25.64 > 24
140	5700	23.64	24.73 > 24

802.11n (40MHz)

Power Output:

CHAN.	FREQ. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	14.10	13.75	49.418	16.94	24	Pass
46	5230	16.55	16.87	93.827	19.72	24	Pass
54	5270	16.51	16.52	89.646	19.53	24	Pass
62	5310	13.02	12.68	38.58	15.86	24	Pass
102	5510	10.83	11.18	25.228	14.02	24	Pass
110	5550	13.84	14.17	50.332	17.02	24	Pass
134	5670	12.06	12.59	34.224	15.34	24	Pass
151	5755	11.10	11.99	28.694	14.58	30	Pass
159	5795	13.51	14.50	50.623	17.04	30	Pass

26dB Bandwidth:

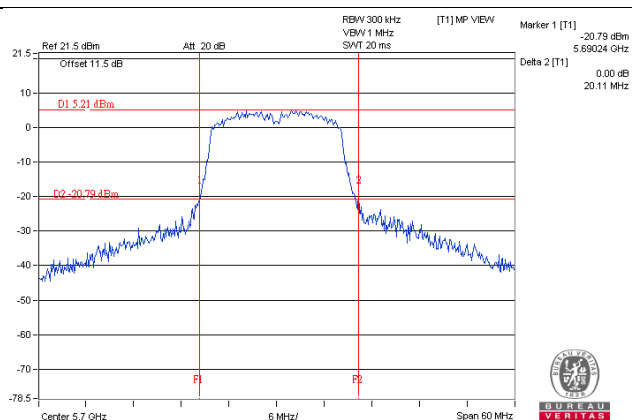
Channel	Channel Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	85.19	86.26
62	5310	46.36	53.56
102	5510	70.65	65.91
110	5550	95.82	81.38
134	5670	88.95	74.80

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

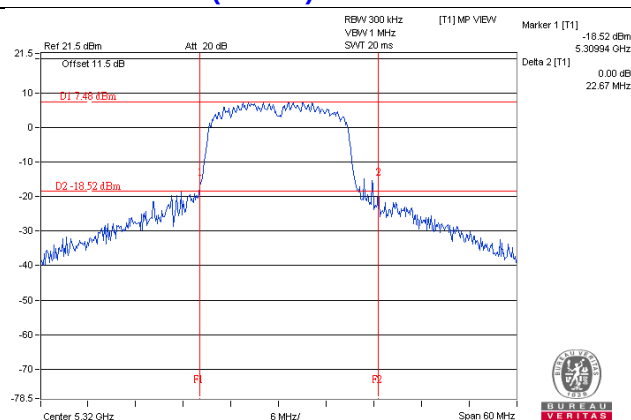
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	85.19	30.3 > 24
62	5310	46.36	27.66 > 24
102	5510	65.91	29.18 > 24
110	5550	81.38	30.1 > 24
134	5670	74.80	29.73 > 24

Spectrum Plot of Worst Value

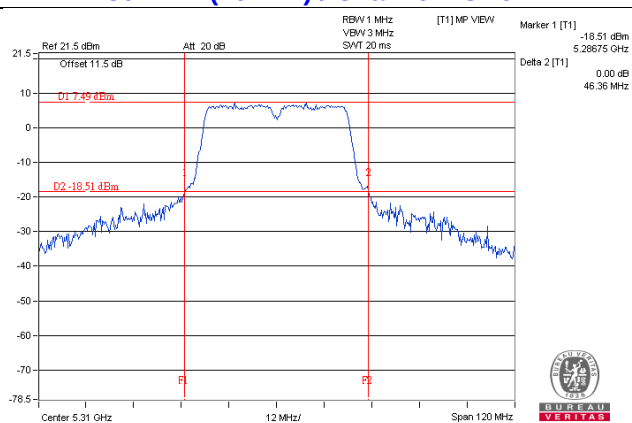
802.11a / Chain 1 - CH140



802.11n (20MHz) / Chain 1 - CH64

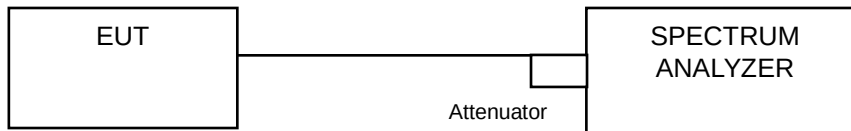


802.11n (40MHz) / Chain 0 - CH62



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 sampling. 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)
36	5180	16.68
40	5200	21.24
48	5240	18.72
52	5260	24.48
60	5300	18.24
64	5320	16.68
100	5500	17.04
116	5580	19.80
140	5700	16.56
149	5745	16.80
157	5785	17.64
165	5825	16.80

802.11n (20MHz)

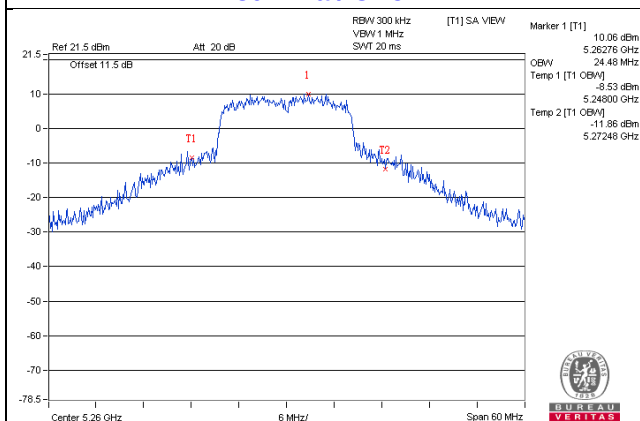
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.64
40	5200	18.12
48	5240	17.88
52	5260	18.00
60	5300	18.00
64	5320	17.52
100	5500	17.76
116	5580	17.76
140	5700	17.52
149	5745	17.52
157	5785	17.52
165	5825	17.52

802.11n (40MHz)

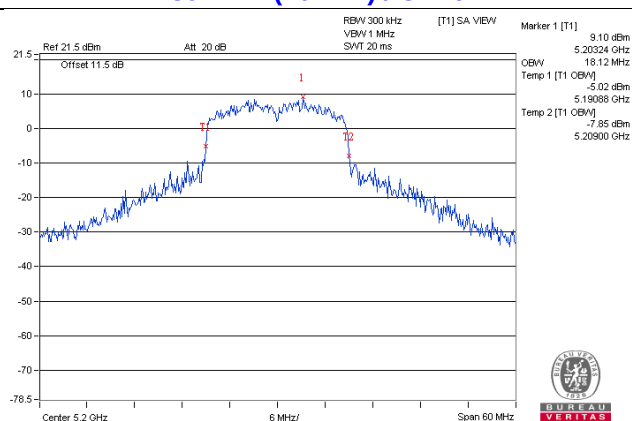
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	36.72
46	5230	37.44
54	5270	37.20
62	5310	36.96
102	5510	36.72
110	5550	37.92
134	5670	37.20
151	5755	36.96
159	5795	37.44

Spectrum Plot of Worst Value

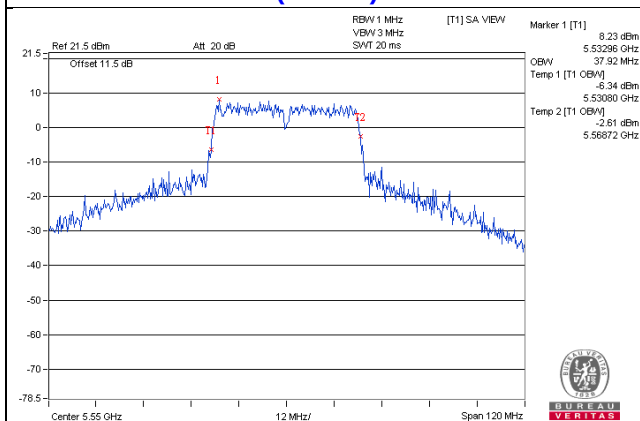
802.11a / CH52



802.11n (20MHz) / CH40



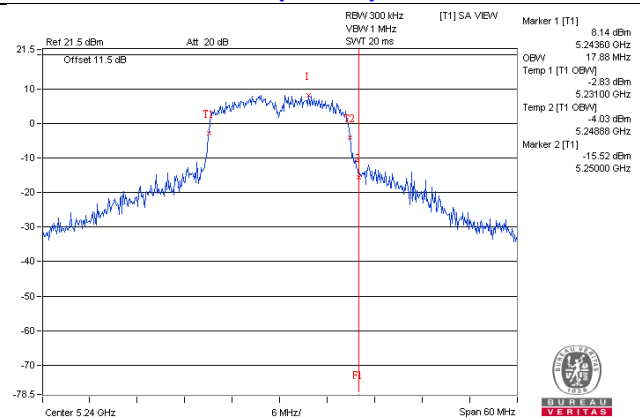
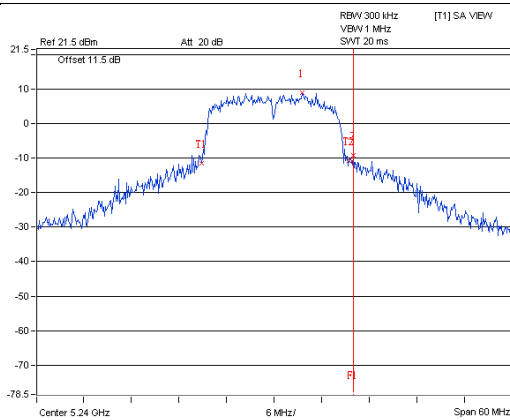
802.11n (40MHz) / CH110



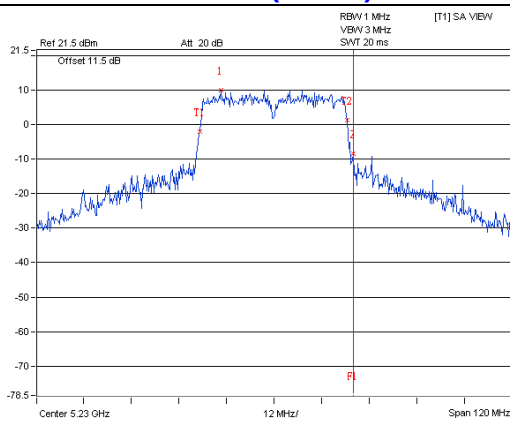
Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

802.11a / CH48

802.11n (20MHz) / CH48



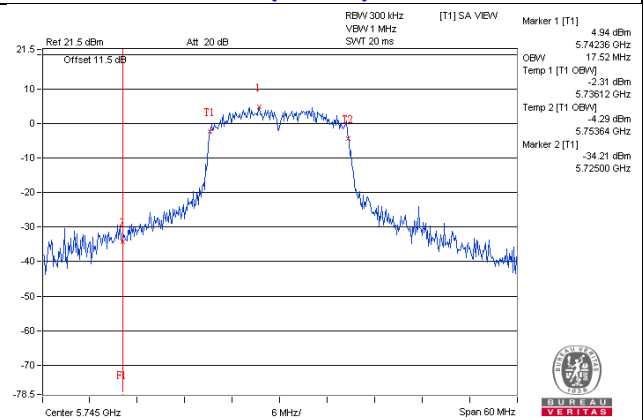
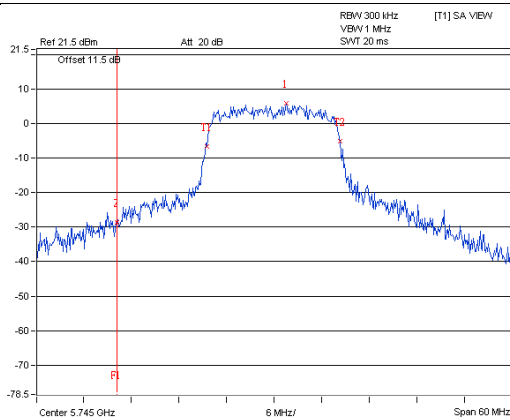
802.11n (40MHz) / CH46



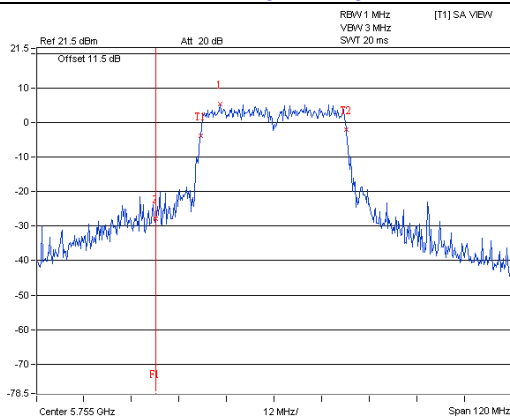
Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)

802.11a / CH149

802.11n (20MHz) / CH149



802.11n (40MHz) / CH151



4.4.5 Test Results (Mode 2)

802.11a

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	16.56
40	5200	17.40
48	5240	18.24
52	5260	22.68
60	5300	18.24
64	5320	16.56
100	5500	16.56
116	5580	17.28
140	5700	16.44
149	5745	16.56
157	5785	16.68
165	5825	16.56

802.11n (20MHz)

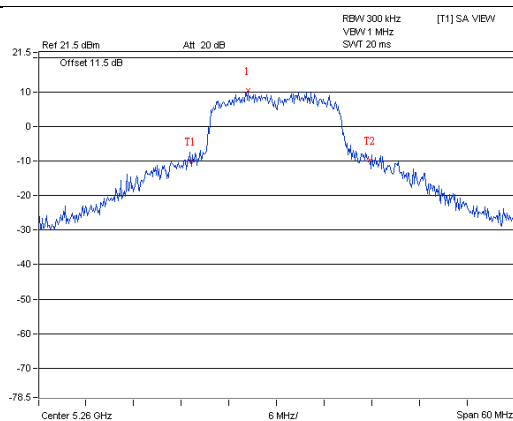
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
36	5180	17.52
40	5200	17.76
48	5240	17.76
52	5260	17.88
60	5300	17.76
64	5320	17.52
100	5500	17.52
116	5580	17.64
140	5700	17.52
149	5745	17.52
157	5785	17.64
165	5825	17.52

802.11n (40MHz)

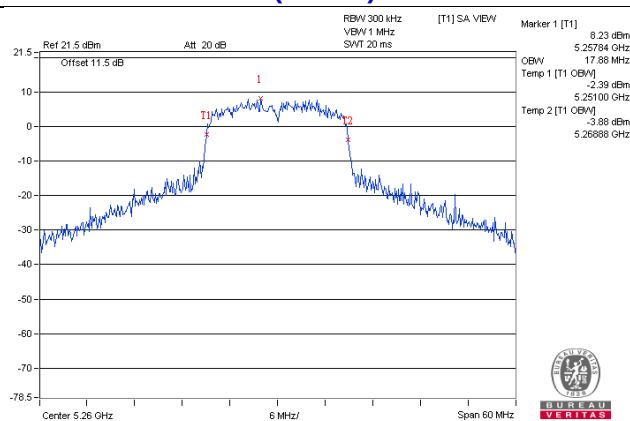
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)
38	5190	36.72
46	5230	37.44
54	5270	37.44
62	5310	36.72
102	5510	36.72
110	5550	36.96
134	5670	37.20
151	5755	36.72
159	5795	36.96

Spectrum Plot of Worst Value

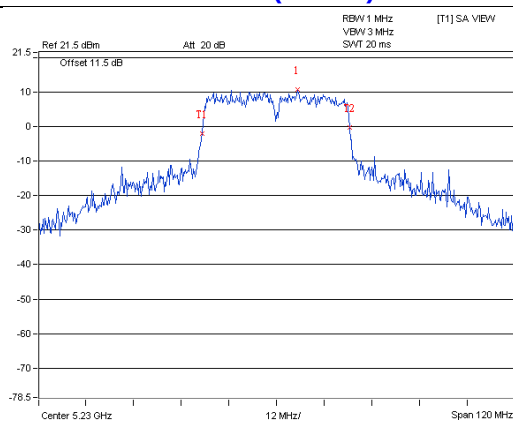
802.11a / CH52



802.11n (20MHz) / CH52



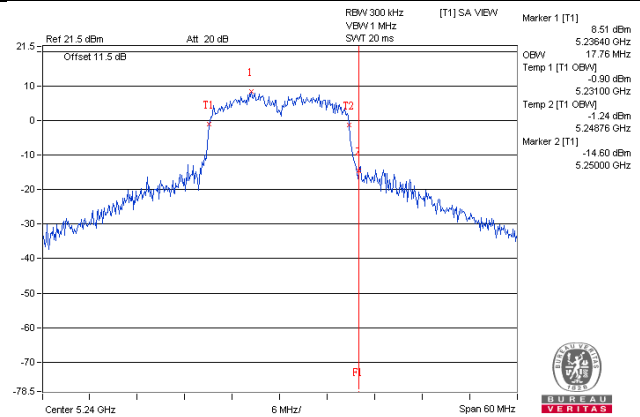
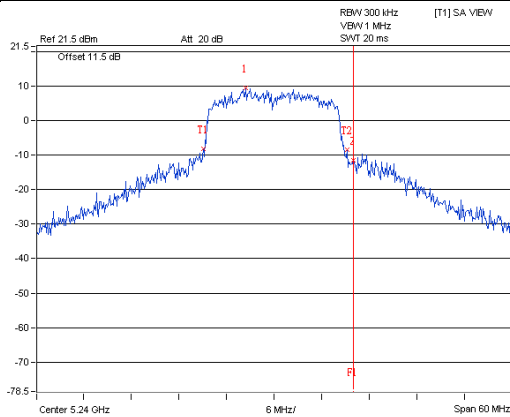
802.11n (40MHz) / CH46



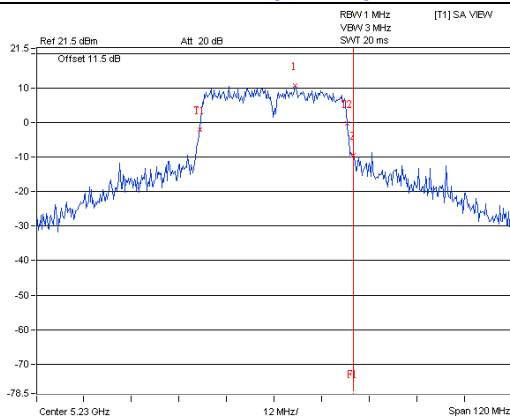
Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)

802.11a / CH48

802.11n (20MHz) / CH48



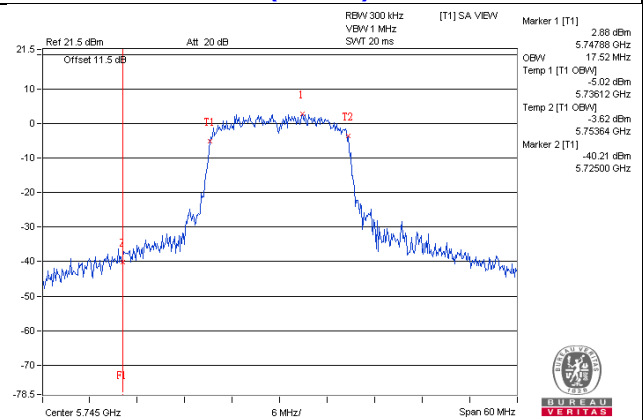
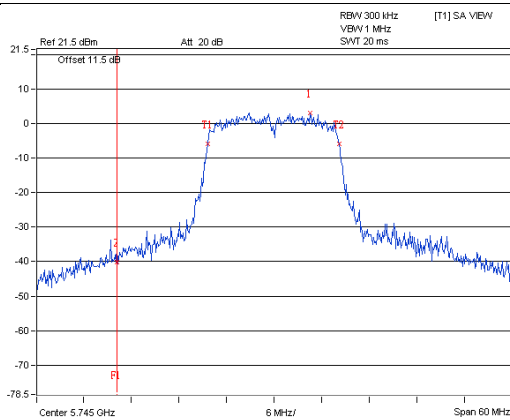
802.11n (40MHz) / CH46



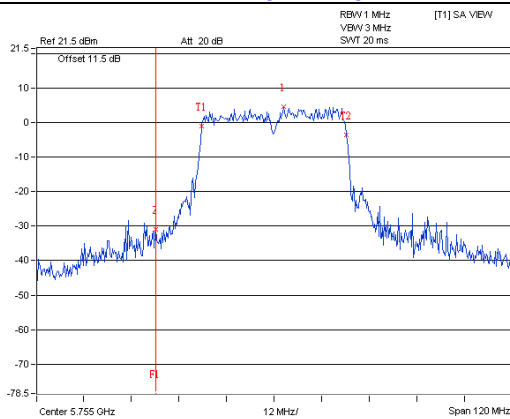
**Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)**

802.11a / CH149

802.11n (20MHz) / CH149



802.11n (40MHz) / CH151



4.4.6 Test Results (Mode 3)

802.11a

Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	16.68	16.68
40	5200	22.56	18.96
48	5240	18.48	19.08
52	5260	25.32	24.12
60	5300	19.32	17.40
64	5320	16.56	16.56
100	5500	17.16	16.80
116	5580	19.44	19.08
140	5700	16.56	16.32
149	5745	16.56	16.56
157	5785	16.80	16.92
165	5825	16.80	16.68

802.11n (20MHz)

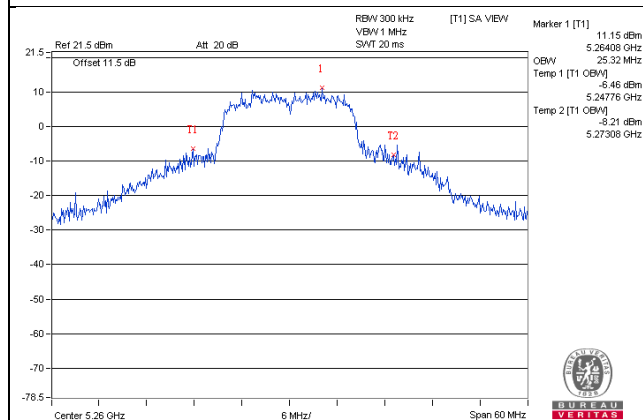
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.88	17.76
40	5200	18.72	18.12
48	5240	18.48	18.12
52	5260	18.96	18.24
60	5300	18.12	17.88
64	5320	17.52	17.52
100	5500	18.00	17.76
116	5580	18.00	17.76
140	5700	17.64	17.52
149	5745	17.64	17.64
157	5785	17.64	17.52
165	5825	17.64	17.52

802.11n (40MHz)

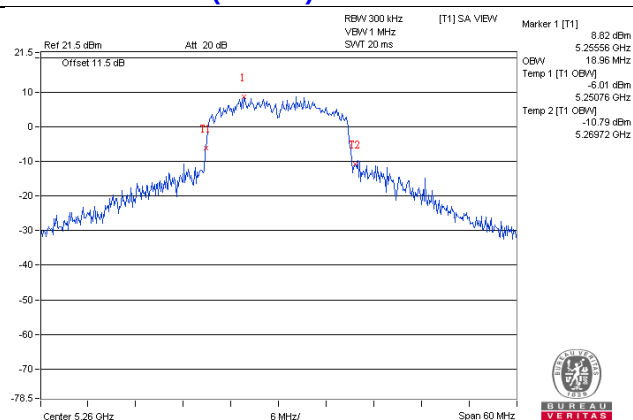
Channel	Channel Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.96	36.72
46	5230	37.92	37.20
54	5270	37.44	37.20
62	5310	36.72	36.72
102	5510	36.96	36.72
110	5550	37.92	37.44
134	5670	36.96	36.72
151	5755	36.72	36.72
159	5795	37.20	36.72

Spectrum Plot of Worst Value

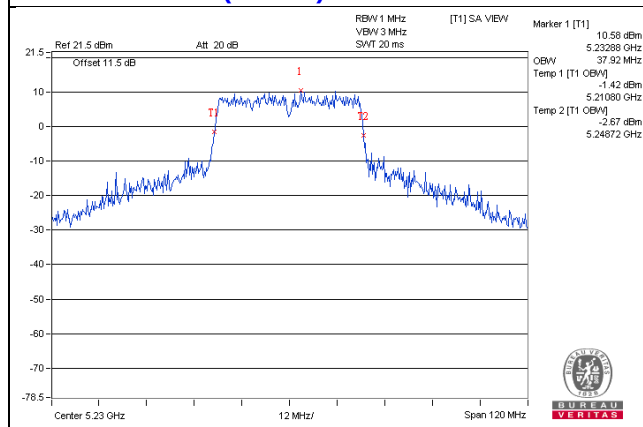
802.11a / Chain 0 – CH52



802.11n (20MHz) / Chain 0 – CH52

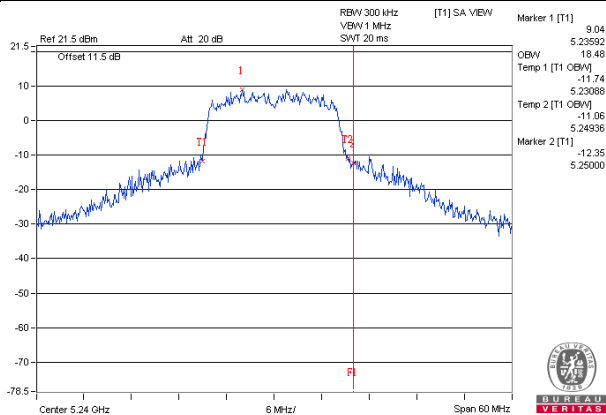


802.11n (40MHz) / Chain 0 – CH46

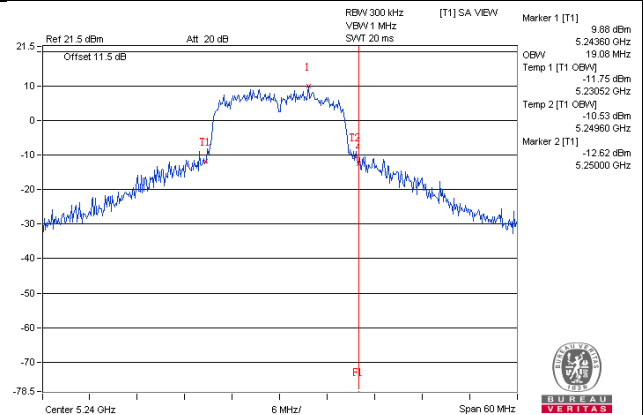


**Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2A band)**

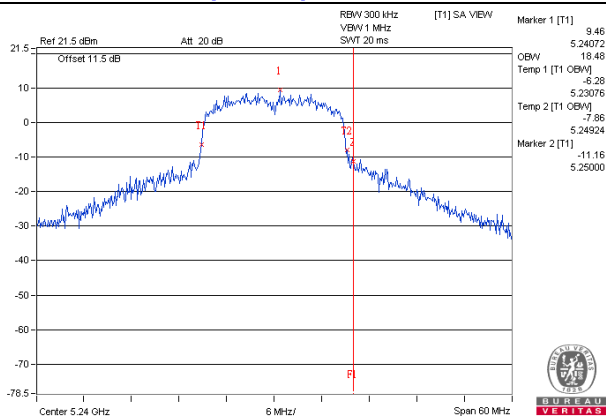
802.11a / Chain 0 – CH48



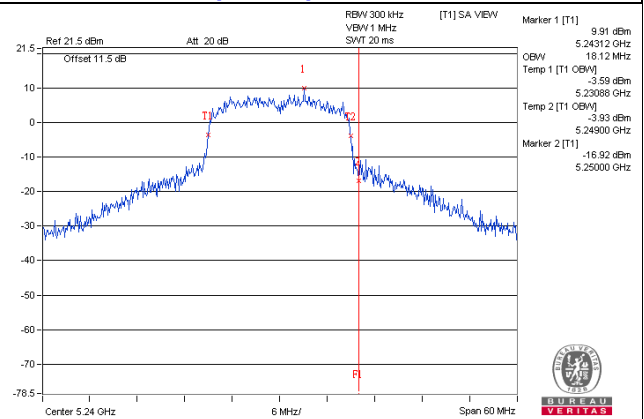
802.11a / Chain 1 – CH48



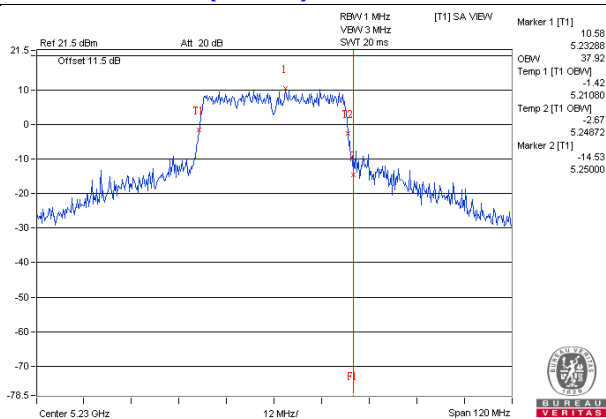
802.11n (20MHz) / Chain 0 – CH48



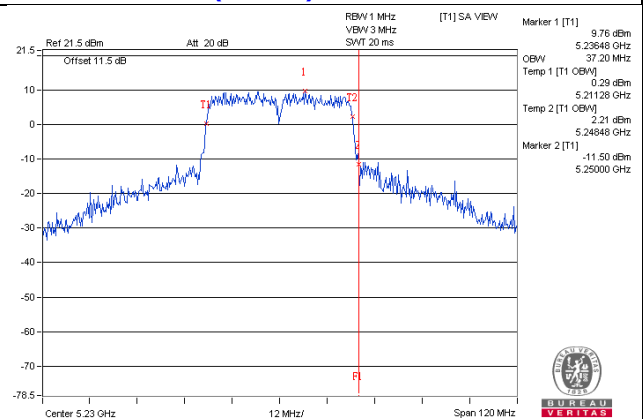
802.11n (20MHz) / Chain 1 – CH48



802.11n (40MHz) / Chain 0 – CH46

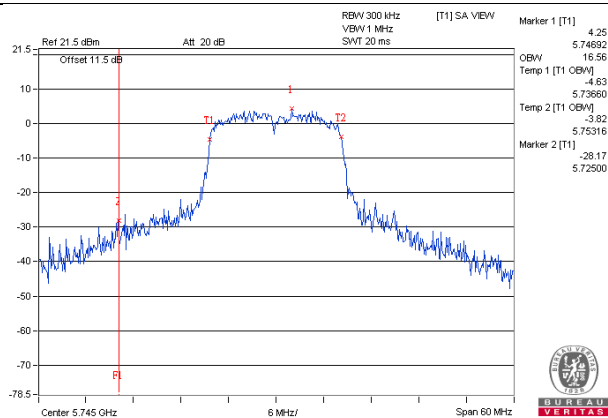


802.11n (40MHz) / Chain 1 – CH46

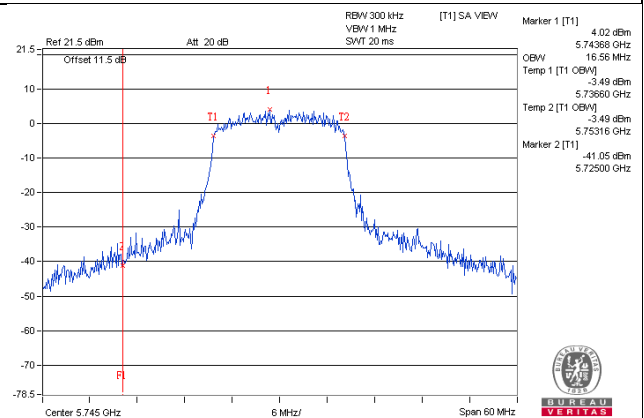


**Spectrum Plot for near by DFS band
(DFS is required, if 99% OCP straddle into U-NII-2C band)**

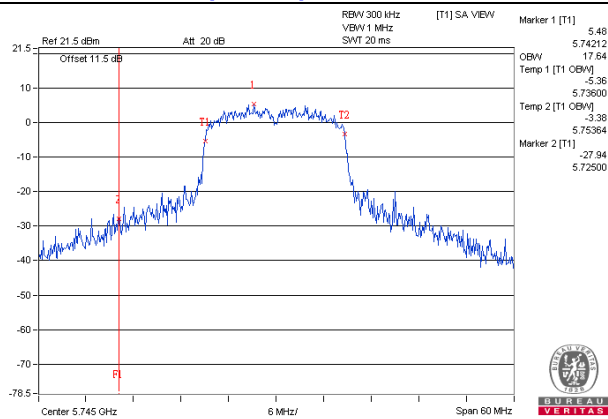
802.11a / Chain 0 – CH149



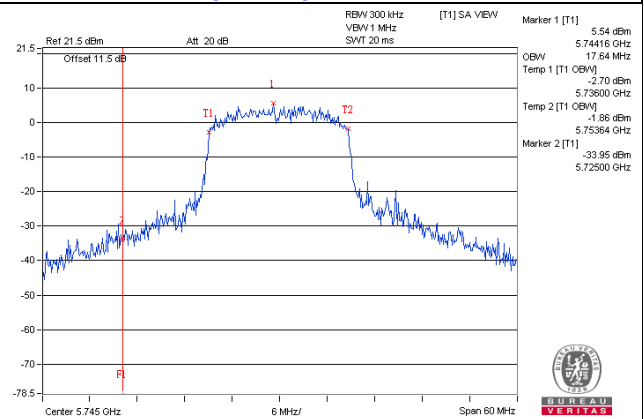
802.11a / Chain 1 – CH149



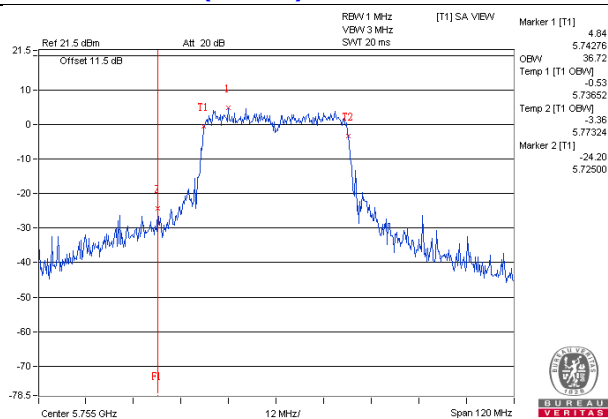
802.11n (20MHz) / Chain 0 –CH149



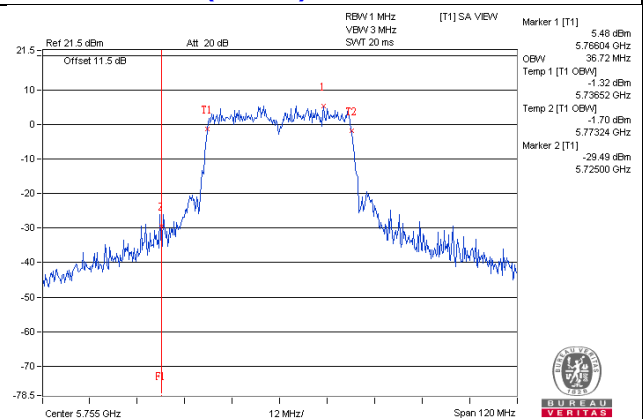
802.11n (20MHz) / Chain 1 –CH149



802.11n (40MHz) / Chain 0 – CH151



802.11n (40MHz) / Chain 1 – CH151

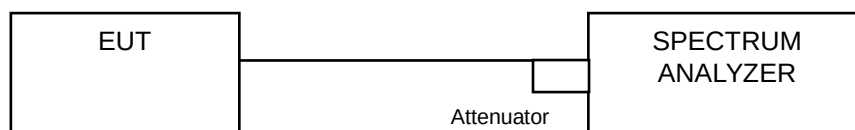


4.5 Peak Power Spectral Density Measurement

4.5.1 Limits of Peak Power Spectral Density Measurement

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

4.5.2 Test Setup



4.5.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.5.4 Test Procedure

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

Using method SA-1

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

For U-NII-3:

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

4.5.5 Deviation from Test Standard

No deviation.

4.5.6 EUT Operating Condition

Same as Item 4.3.6.

4.5.7 Test Results (Mode 1)

For U-NII-1, U-NII-2A, U-NII-2C Band

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	3.15	11	Pass
40	5200	5.40	11	Pass
48	5240	5.03	11	Pass
52	5260	6.21	11	Pass
60	5300	5.22	11	Pass
64	5320	3.09	11	Pass
100	5500	2.47	11	Pass
116	5580	3.42	11	Pass
140	5700	0.22	11	Pass

802.11n (20MHz)

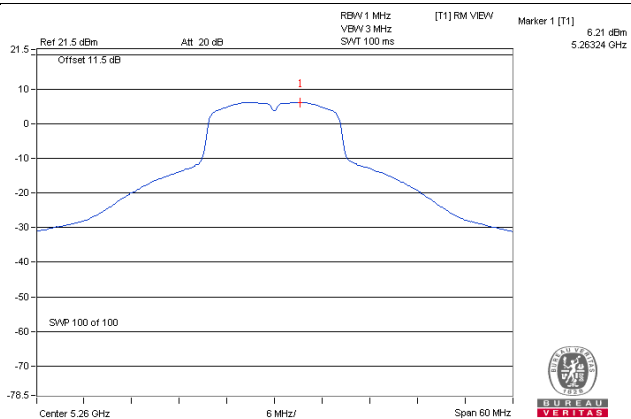
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	2.60	11	Pass
40	5200	4.29	11	Pass
48	5240	4.37	11	Pass
52	5260	4.31	11	Pass
60	5300	4.48	11	Pass
64	5320	2.21	11	Pass
100	5500	1.98	11	Pass
120	5600	1.12	11	Pass
140	5700	-0.28	11	Pass

802.11n (40MHz)

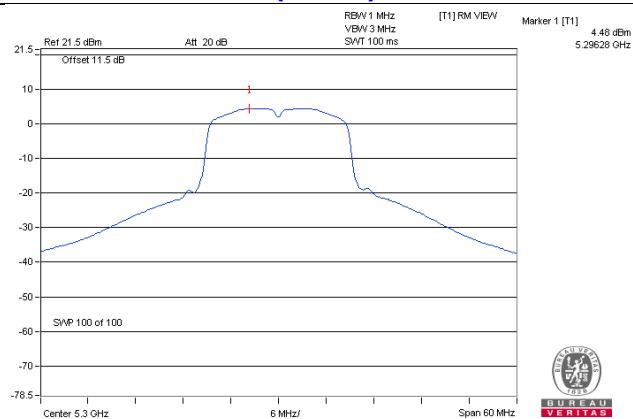
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
38	5190	-4.12	11	Pass
46	5230	0.13	11	Pass
54	5270	0.21	11	Pass
62	5310	-3.50	11	Pass
102	5510	-4.47	11	Pass
110	5550	-1.79	11	Pass
134	5670	-3.14	11	Pass

Spectrum Plot of Worst Value

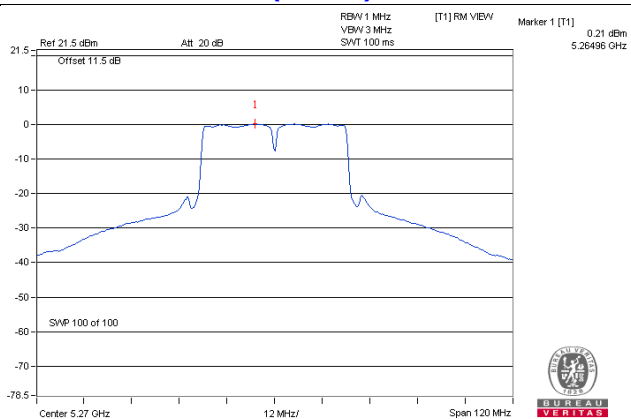
802.11a / CH52



802.11n (20MHz) / CH60



802.11n (40MHz) / CH54



For U-NII-3 Band

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
149	5745	-5.60	-3.38	30	Pass
157	5785	-3.60	-1.38	30	Pass
165	5825	-4.74	-2.52	30	Pass

802.11n (20MHz)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
149	5745	-6.86	-4.64	30	Pass
157	5785	-6.18	-3.96	30	Pass
165	5825	-6.45	-4.23	30	Pass

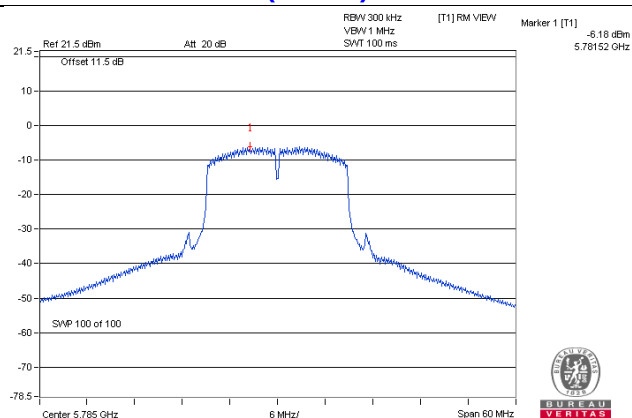
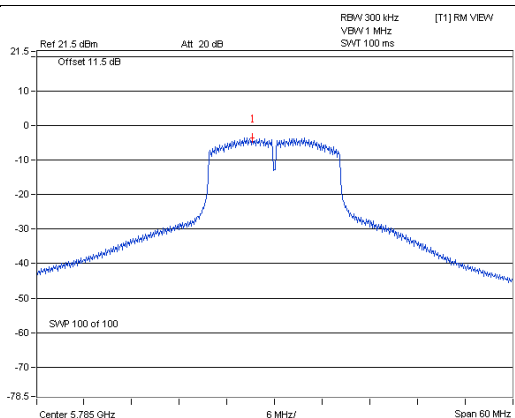
802.11n (40MHz)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
151	5755	-12.28	-10.06	30	Pass
159	5795	-9.85	-7.63	30	Pass

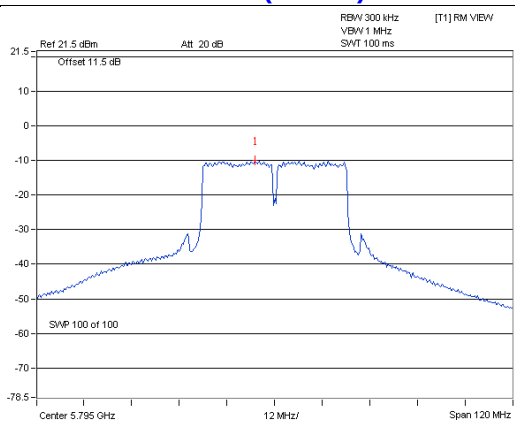
Spectrum Plot of Worst Value

802.11a / CH157

802.11n (20MHz) / CH157



802.11n (40MHz) / CH159



4.5.8 Test Results (Mode 2)

For U-NII-1, U-NII-2A, U-NII-2C Band

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	2.56	11	Pass
40	5200	4.88	11	Pass
48	5240	5.07	11	Pass
52	5260	6.17	11	Pass
60	5300	5.23	11	Pass
64	5320	1.74	11	Pass
100	5500	2.95	11	Pass
116	5580	3.88	11	Pass
140	5700	-1.47	11	Pass

802.11n (20MHz)

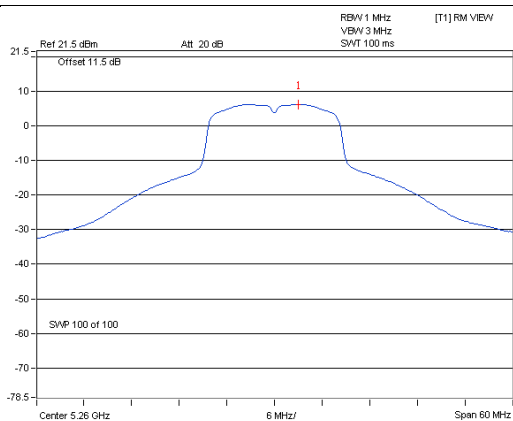
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
36	5180	2.12	11	Pass
40	5200	3.87	11	Pass
48	5240	4.03	11	Pass
52	5260	4.01	11	Pass
60	5300	4.31	11	Pass
64	5320	2.04	11	Pass
100	5500	2.96	11	Pass
120	5600	1.72	11	Pass
140	5700	-0.63	11	Pass

802.11n (40MHz)

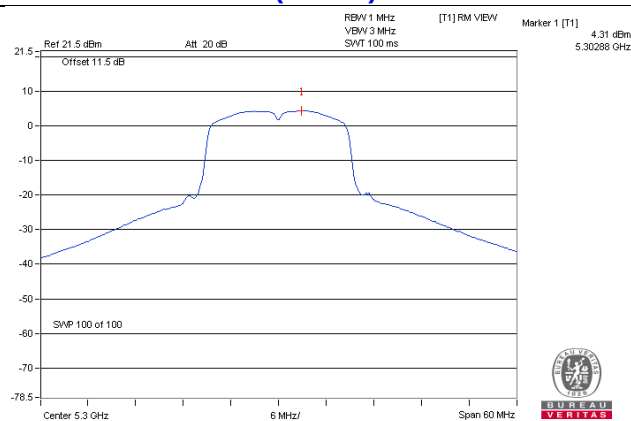
Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
38	5190	-3.15	11	Pass
46	5230	0.61	11	Pass
54	5270	-0.28	11	Pass
62	5310	-3.05	11	Pass
102	5510	-3.14	11	Pass
110	5550	-0.80	11	Pass
134	5670	-3.41	11	Pass

Spectrum Plot of Worst Value

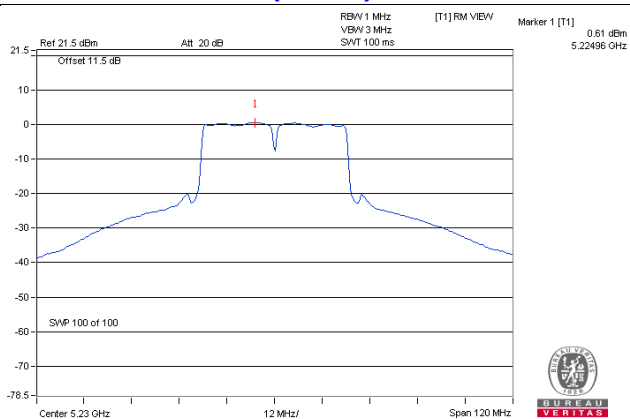
802.11a / CH52



802.11n (20MHz) / CH60



802.11n (40MHz) / CH46



For U-NII-3 Band

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
149	5745	-8.36	-6.14	30	Pass
157	5785	-5.24	-3.02	30	Pass
165	5825	-5.77	-3.55	30	Pass

802.11n (20MHz)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
149	5745	-8.76	-6.54	30	Pass
157	5785	-7.63	-5.41	30	Pass
165	5825	-7.23	-5.01	30	Pass

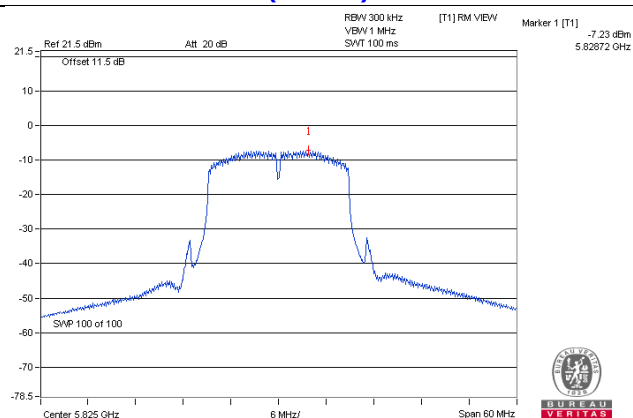
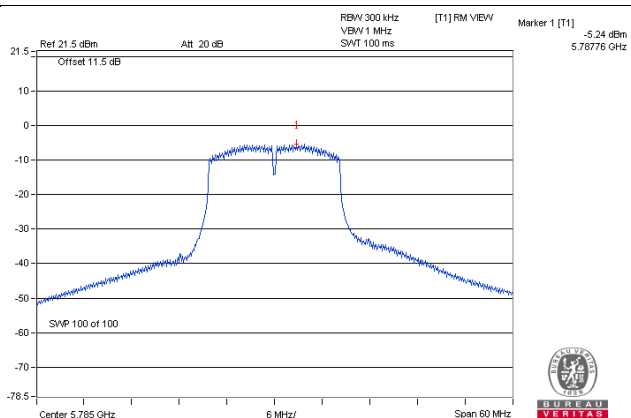
802.11n (40MHz)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
151	5755	-13.41	-11.19	30	Pass
159	5795	-11.32	-9.10	30	Pass

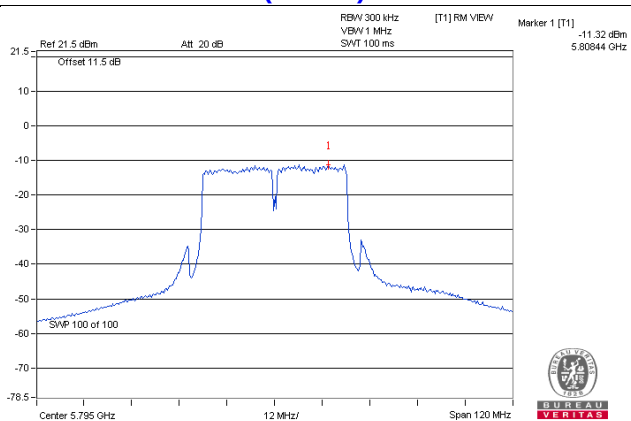
Spectrum Plot of Worst Value

802.11a / CH157

802.11n (20MHz) / CH165



802.11n (40MHz) / CH159



4.5.9 Test Results (Mode 3)

For U-NII-1, U-NII-2A, U-NII-2C Band

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	3.18	2.95	6.08	11	Pass
40	5200	5.44	5.30	8.38	11	Pass
48	5240	4.71	4.97	7.85	11	Pass
52	5260	6.03	6.24	9.15	11	Pass
60	5300	4.83	4.53	7.69	11	Pass
64	5320	1.77	1.75	4.77	11	Pass
100	5500	1.80	1.89	4.86	11	Pass
120	5600	2.71	2.83	5.78	11	Pass
140	5700	-0.57	-0.59	2.43	11	Pass

- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain: 4.57dBi (5180MHz), 4.59dBi (5200MHz), 4.72dBi (5240MHz)
 4.81dBi (5260MHz), 4.48dBi (5300MHz), 4.26dBi (5320MHz), 3.38dBi (5500MHz),
 3.31dBi (5580MHz), 3.24dBi (5700MHz) < 6dBi , so the power density limit shall not be reduced.

802.11n (20MHz)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
36	5180	2.65	2.51	5.59	11	Pass
40	5200	4.41	4.10	7.27	11	Pass
48	5240	4.38	4.19	7.30	11	Pass
52	5260	4.43	4.03	7.24	11	Pass
60	5300	4.34	3.98	7.17	11	Pass
64	5320	1.20	1.28	4.25	11	Pass
100	5500	1.88	1.79	4.85	11	Pass
120	5600	1.11	0.81	3.97	11	Pass
140	5700	-0.03	-0.16	2.92	11	Pass

- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain: 4.57dBi (5180MHz), 4.59dBi (5200MHz), 4.72dBi (5240MHz), 4.81dBi (5260MHz), 4.48dBi (5300MHz), 4.26dBi (5320MHz), 3.38dBi (5500MHz), 3.31dBi (5580MHz), 3.24dBi (5700MHz) < 6dBi , so the power density limit shall not be reduced.

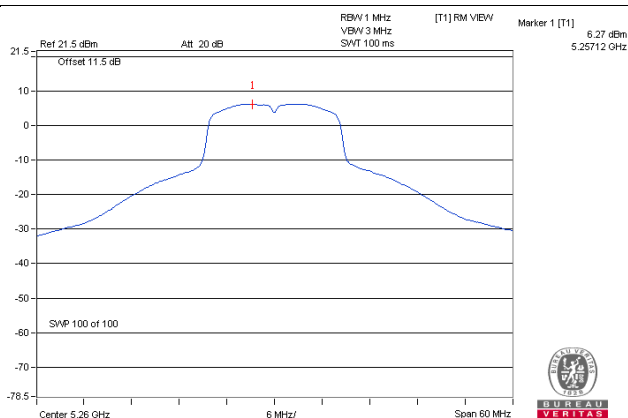
802.11n (40MHz)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total Power Density (dBm/MHz)	MAX. Limit (dBm/MHz)	Pass / Fail
		Chain 0	Chain 1			
38	5190	-3.02	-3.11	-0.05	11	Pass
46	5230	0.09	-0.07	3.02	11	Pass
54	5270	-0.18	-0.46	2.69	11	Pass
62	5310	-3.89	-3.58	-0.72	11	Pass
102	5510	-4.01	-4.20	-1.09	11	Pass
110	5550	-2.55	-2.25	0.61	11	Pass
134	5670	-3.94	-3.69	-0.80	11	Pass

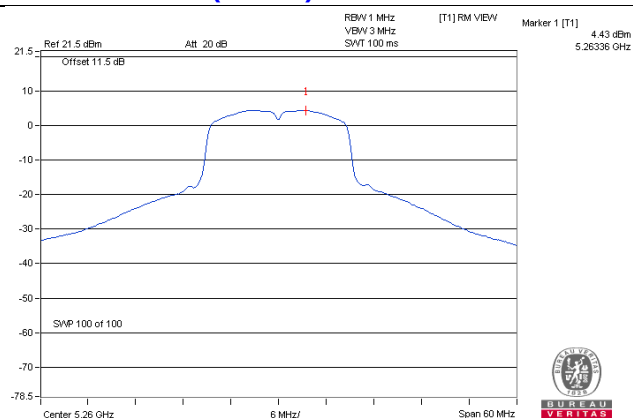
- Note:** 1. Method a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain : 4.51dBi (5190MHz), 4.77dBi (5230MHz), 4.76dBi (5270MHz), 4.28dBi (5310MHz), 3.33dBi (5510MHz), 3.47dBi (5550MHz), 3.06dBi (5670MHz) < 6dBi , so the power density limit shall not be reduced.

Spectrum Plot of Worst Value

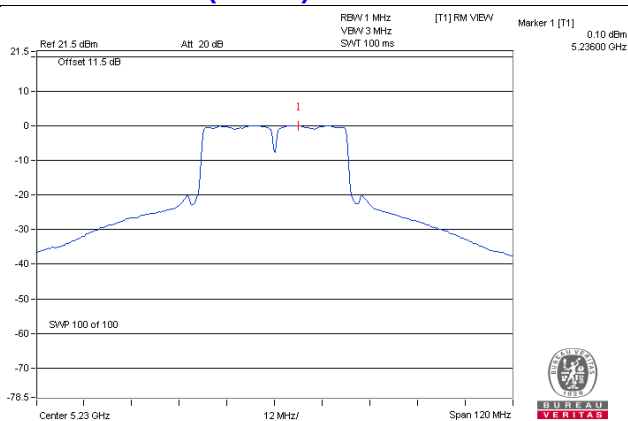
802.11a / Chain 1 – CH52



802.11n (20MHz) / Chain 0 – CH52



802.11n (40MHz) / Chain 0 – CH46



For U-NII-3 Band

802.11a

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-7.74	-5.52	3.01	-2.51	30	Pass
	157	5785	-4.97	-2.75	3.01	0.26	30	Pass
	165	5825	-5.46	-3.24	3.01	-0.23	30	Pass
1	149	5745	-7.87	-5.65	3.01	-2.64	30	Pass
	157	5785	-4.25	-2.03	3.01	0.98	30	Pass
	165	5825	-4.99	-2.77	3.01	0.24	30	Pass

Note: 1. Directional gain = 3.50dBi (5745MHz), 3.55dBi (5785MHz), 3.34dBi (5825MHz) < 6dBi , so the power density limit shall not be reduced.

802.11n (20MHz)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	149	5745	-6.91	-4.69	3.01	-1.68	30	Pass
	157	5785	-6.66	-4.44	3.01	-1.43	30	Pass
	165	5825	-6.90	-4.68	3.01	-1.67	30	Pass
1	149	5745	-6.60	-4.38	3.01	-1.37	30	Pass
	157	5785	-6.40	-4.18	3.01	-1.17	30	Pass
	165	5825	-6.16	-3.94	3.01	-0.93	30	Pass

Note: 1. Directional gain = 3.50dBi (5745MHz), 3.55dBi (5785MHz), 3.34dBi (5825MHz) < 6dBi , so the power density limit shall not be reduced.

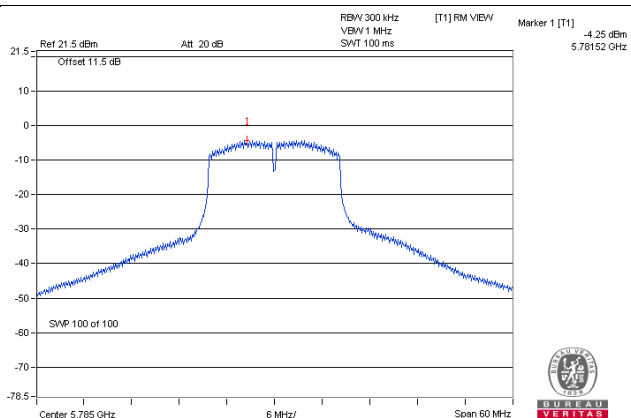
802.11n (40MHz)

TX chain	Channel	Freq. (MHz)	PSD (dBm/300kHz)	PSD (dBm/500kHz)	10 log (N=2) dB	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Pass /Fail
0	151	5755	-13.46	-11.24	3.01	-8.23	30	Pass
	159	5795	-11.00	-8.78	3.01	-5.77	30	Pass
1	151	5755	-13.05	-10.83	3.01	-7.82	30	Pass
	159	5795	-10.09	-7.87	3.01	-4.86	30	Pass

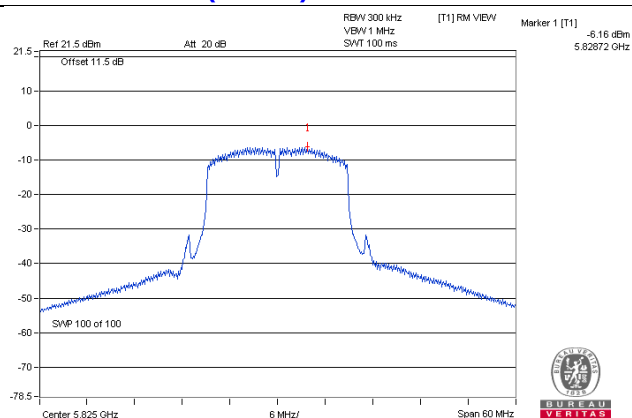
Note: 1. Directional gain = 3.57dBi (5755MHz), 3.31dBi (5795MHz) < 6dBi, so the power density limit shall not be reduced.

Spectrum Plot of Worst Value

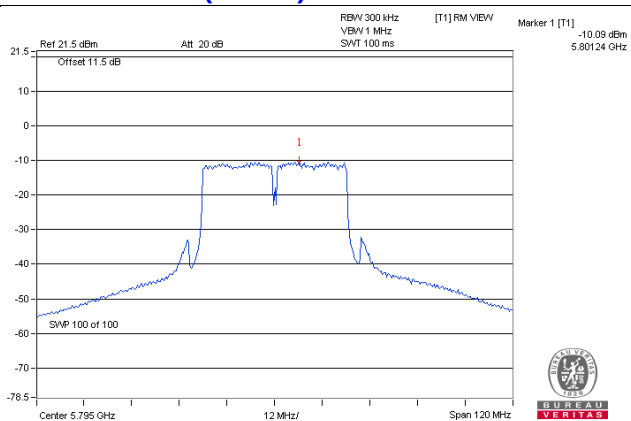
802.11a / Chain 1 – CH157



802.11n (20MHz) / Chain 1 - CH165



802.11n (40MHz) / Chain 1 - CH159

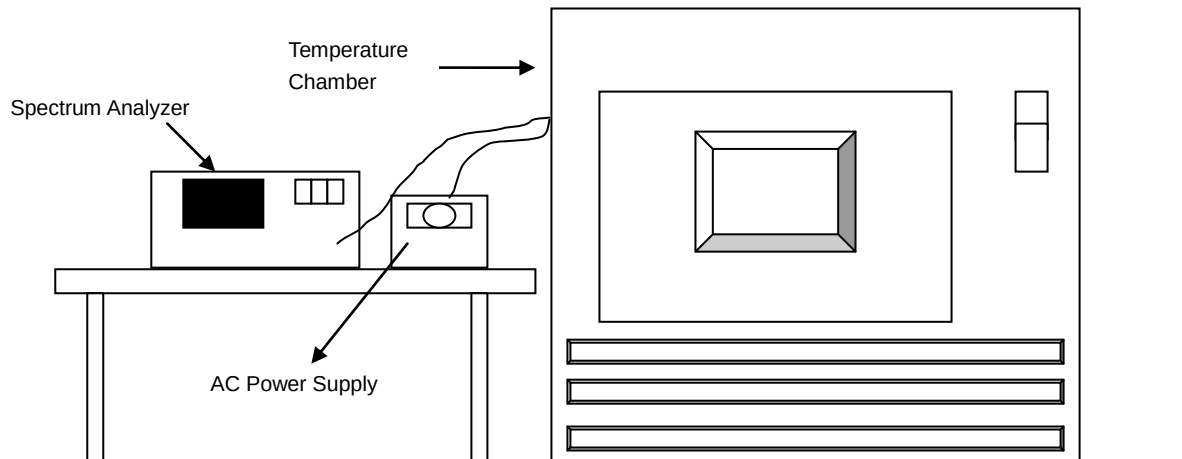


4.6 Frequency Stability Measurement

4.6.1 Limits of Frequency Stability Measurement

The frequency of the carrier signal shall be maintained within band of operation

4.6.2 Test Setup



4.6.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.6.4 Test Procedure

- The EUT was placed inside the environmental test chamber and powered by nominal AC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
- Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
- The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

4.6.5 Deviation from Test Standard

No deviation.

4.6.6 EUT Operating Condition

Set the EUT transmit at un-modulation mode to test frequency stability.

4.6.7 Test Results

Frequency Stability Versus Temp.									
Operating Frequency: 5180 MHz									
TEMP. (°C)	Power Supply (Vac)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
50	120	5179.9917	Pass	5179.9891	Pass	5179.9935	Pass	5179.994	Pass
40	120	5180.0089	Pass	5180.0065	Pass	5180.0073	Pass	5180.0077	Pass
30	120	5180.0207	Pass	5180.0165	Pass	5180.0175	Pass	5180.0188	Pass
20	120	5180.0027	Pass	5180.0011	Pass	5180.0005	Pass	5180.0054	Pass
10	120	5179.9737	Pass	5179.9748	Pass	5179.9761	Pass	5179.9774	Pass
0	120	5179.9767	Pass	5179.9768	Pass	5179.9775	Pass	5179.9772	Pass
-10	120	5179.9848	Pass	5179.985	Pass	5179.9853	Pass	5179.9825	Pass
-20	120	5179.9953	Pass	5179.9942	Pass	5179.9954	Pass	5179.9949	Pass
-30	120	5180.0083	Pass	5180.012	Pass	5180.0107	Pass	5180.01	Pass

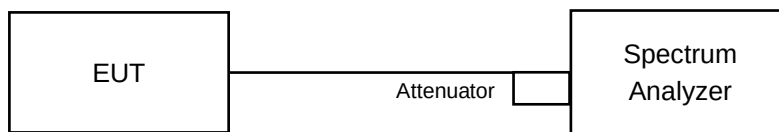
Frequency Stability Versus Voltage									
Operating Frequency: 5180 MHz									
TEMP. (°C)	Power Supply (Vac)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail	Measured Frequency (MHz)	Pass/Fail
20	138	5180.0027	Pass	5180.0006	Pass	5180.0013	Pass	5180.0056	Pass
	120	5180.0027	Pass	5180.0011	Pass	5180.0005	Pass	5180.0054	Pass
	102	5180.0022	Pass	5180.0007	Pass	5179.9998	Pass	5180.0064	Pass

4.7 6dB Bandwidth Measurement

4.7.1 Limits of 6dB Bandwidth Measurement

The minimum of 6dB Bandwidth Measurement is 0.5MHz.

4.7.2 Test Setup



4.7.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.7.4 Test Procedure

MEASUREMENT PROCEDURE REF

- Set resolution bandwidth (RBW) = 100kHz
- Set the video bandwidth (VBW) $\geq 3 \times$ RBW, Detector = Peak.
- Trace mode = max hold.
- Sweep = auto couple.
- 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

4.7.5 Deviation from Test Standard

No deviation.

4.7.6 EUT Operating Condition

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

4.7.7 Test Results (Mode 1)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	15.13	0.5	PASS
157	5785	15.19	0.5	PASS
165	5825	15.29	0.5	PASS

802.11n (20MHz)

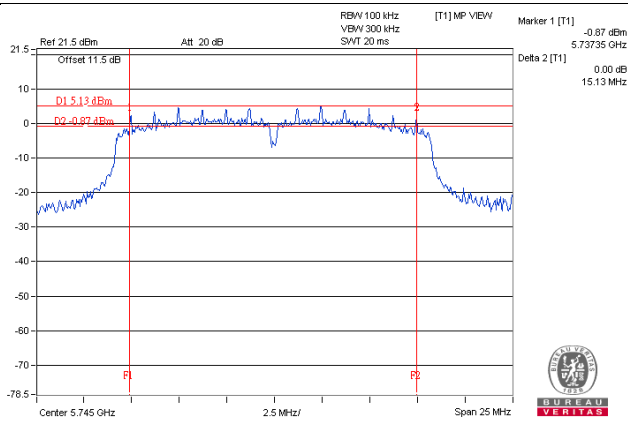
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	15.11	0.5	PASS
157	5785	15.17	0.5	PASS
165	5825	15.20	0.5	PASS

802.11n (40MHz)

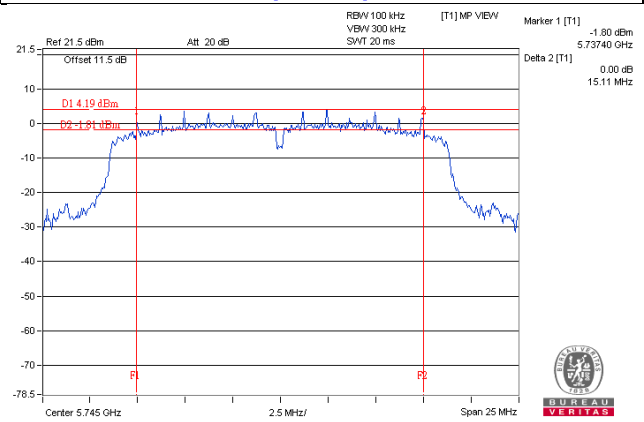
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
151	5755	36.19	0.5	PASS
159	5795	36.16	0.5	PASS

Spectrum Plot of Worst Value

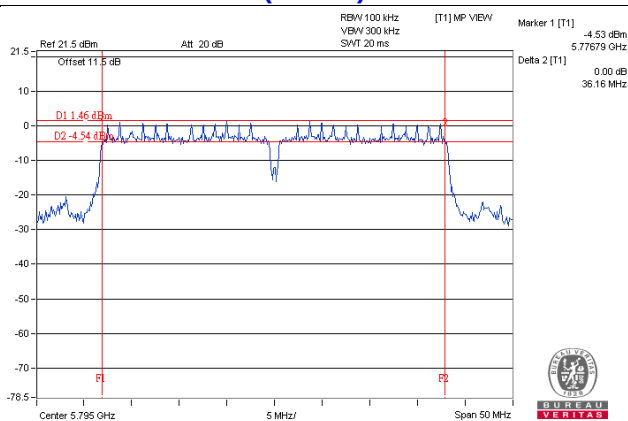
802.11a / CH149



802.11n (20MHz) / CH149



802.11n (40MHz) / CH159



4.7.8 Test Results (Mode 2)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	15.16	0.5	PASS
157	5785	15.19	0.5	PASS
165	5825	15.47	0.5	PASS

802.11n (20MHz)

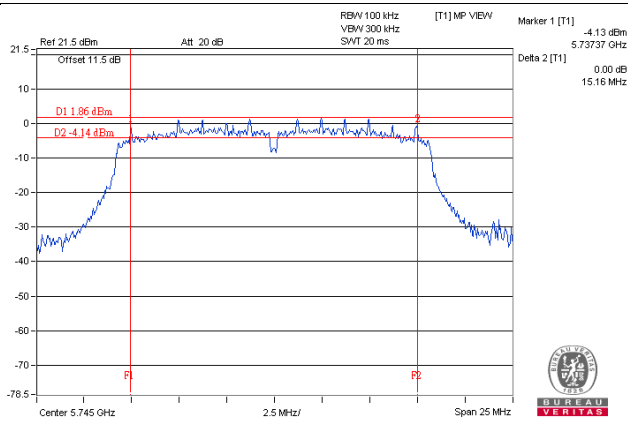
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
149	5745	15.16	0.5	PASS
157	5785	15.52	0.5	PASS
165	5825	15.19	0.5	PASS

802.11n (40MHz)

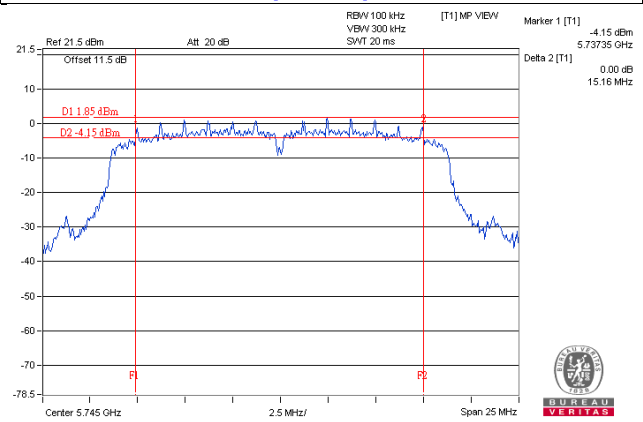
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (MHz)	Pass / Fail
151	5755	36.20	0.5	PASS
159	5795	36.14	0.5	PASS

Spectrum Plot of Worst Value

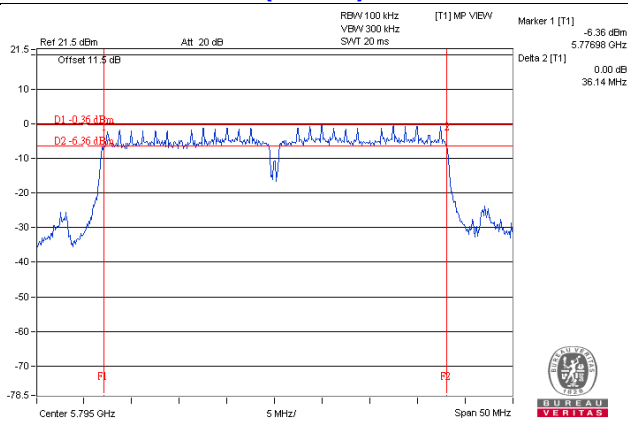
802.11a / CH149



802.11n (20MHz) / CH149



802.11n (40MHz) / CH159



4.7.9 Test Results (Mode 3)

802.11a

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	15.14	15.15	0.5	PASS
157	5785	15.20	15.18	0.5	PASS
165	5825	15.16	15.18	0.5	PASS

802.11n (20MHz)

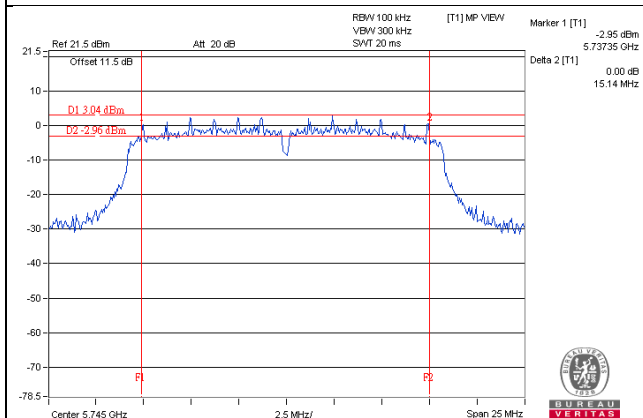
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
149	5745	15.19	16.02	0.5	PASS
157	5785	15.14	15.71	0.5	PASS
165	5825	15.19	16.28	0.5	PASS

802.11n (40MHz)

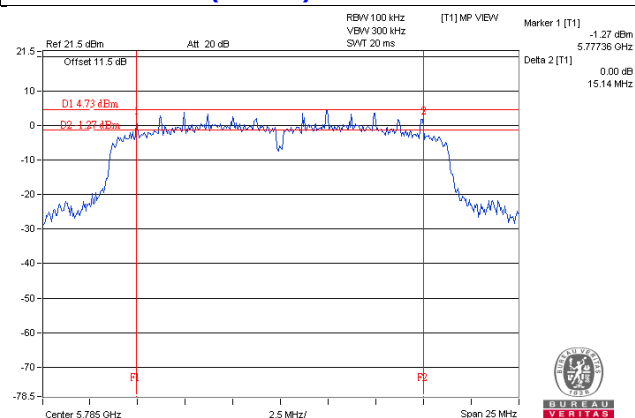
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Minimum Limit (MHz)	Pass / Fail
		Chain 0	Chain 1		
151	5755	36.16	36.41	0.5	PASS
159	5795	36.15	36.36	0.5	PASS

Spectrum Plot of Worst Value

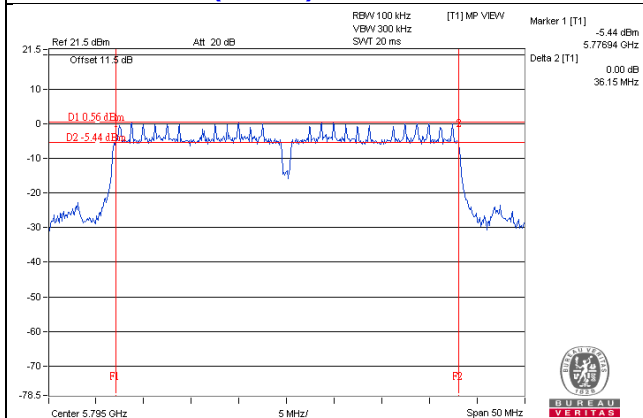
802.11a / Chain 0 – CH149



802.11n (20MHz) / Chain 0 - CH157



802.11n (40MHz) / Chain 0 – CH159



5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab

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Fax: 886-2-26051924

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-3-6668565

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Tel: 886-3-3183232

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Email: service.adt@tw.bureauveritas.com

Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

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