

Channel	TX Channel 46	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	101.5 PK			1.09 H	137	97.6	3.9
2	*5230.00	91.6 AV			1.09 H	137	87.7	3.9
3	5350.00	49.4 PK	74.0	-24.6	1.09 H	137	45.7	3.7
4	5350.00	38.7 AV	54.0	-15.3	1.09 H	137	35.0	3.7
5	#10460.00	53.7 PK	68.2	-14.5	2.44 H	122	40.4	13.3
6	15690.00	49.9 PK	74.0	-24.1	2.29 H	103	35.4	14.5
7	15690.00	39.5 AV	54.0	-14.5	2.29 H	103	25.0	14.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5230.00	108.9 PK			1.00 V	240	105.0	3.9
2	*5230.00	99.8 AV			1.00 V	240	95.9	3.9
3	5350.00	54.6 PK	74.0	-19.4	1.00 V	240	50.9	3.7
4	5350.00	45.3 AV	54.0	-8.7	1.00 V	240	41.6	3.7
5	#10460.00	53.4 PK	68.2	-14.8	3.35 V	43	40.1	13.3
6	15690.00	50.2 PK	74.0	-23.8	3.18 V	197	35.7	14.5
7	15690.00	39.8 AV	54.0	-14.2	3.18 V	197	25.3	14.5

Remarks:

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

Channel	TX Channel 54	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.6 PK	74.0	-19.4	1.07 H	152	50.4	4.2
2	5150.00	43.2 AV	54.0	-10.8	1.07 H	152	39.0	4.2
3	*5270.00	101.7 PK			1.07 H	152	97.9	3.8
4	*5270.00	91.9 AV			1.07 H	152	88.1	3.8
5	#10540.00	52.7 PK	68.2	-15.5	2.45 H	123	39.3	13.4
6	15810.00	49.5 PK	74.0	-24.5	2.28 H	81	35.6	13.9
7	15810.00	39.4 AV	54.0	-14.6	2.28 H	81	25.5	13.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	59.5 PK	74.0	-14.5	1.00 V	115	55.3	4.2
2	5150.00	50.8 AV	54.0	-3.2	1.00 V	115	46.6	4.2
3	*5270.00	106.3 PK			1.00 V	115	102.5	3.8
4	*5270.00	100.4 AV			1.00 V	115	96.6	3.8
5	#10540.00	53.1 PK	68.2	-15.1	3.31 V	48	39.7	13.4
6	15810.00	50.3 PK	74.0	-23.7	3.19 V	200	36.4	13.9
7	15810.00	39.9 AV	54.0	-14.1	3.19 V	200	26.0	13.9

Remarks:

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

Channel	TX Channel 62	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	101.1 PK			1.05 H	135	97.4	3.7
2	*5310.00	91.0 AV			1.05 H	135	87.3	3.7
3	5350.00	55.8 PK	74.0	-18.2	1.05 H	135	52.1	3.7
4	5350.00	45.0 AV	54.0	-9.0	1.05 H	135	41.3	3.7
5	10620.00	52.8 PK	74.0	-21.2	2.42 H	128	39.4	13.4
6	10620.00	40.9 AV	54.0	-13.1	2.42 H	128	27.5	13.4
7	15930.00	50.2 PK	74.0	-23.8	2.34 H	97	36.7	13.5
8	15930.00	39.9 AV	54.0	-14.1	2.34 H	97	26.4	13.5

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5310.00	108.0 PK			1.00 V	76	104.3	3.7
2	*5310.00	98.2 AV			1.00 V	76	94.5	3.7
3	5350.00	61.2 PK	74.0	-12.8	1.00 V	76	57.5	3.7
4	5350.00	53.6 AV	54.0	-0.4	1.00 V	76	49.9	3.7
5	10620.00	51.7 PK	74.0	-22.3	3.28 V	47	38.3	13.4
6	10620.00	39.3 AV	54.0	-14.7	3.28 V	47	25.9	13.4
7	15930.00	49.4 PK	74.0	-24.6	3.15 V	189	35.9	13.5
8	15930.00	38.6 AV	54.0	-15.4	3.15 V	189	25.1	13.5

Remarks:

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

Channel	TX Channel 102	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.0 PK	74.0	-16.0	1.01 H	137	53.9	4.1
2	5460.00	47.3 AV	54.0	-6.7	1.01 H	137	43.2	4.1
3	#5468.16	62.0 PK	68.2	-6.2	1.01 H	137	57.8	4.2
4	*5510.00	103.7 PK			1.01 H	137	99.5	4.2
5	*5510.00	93.1 AV			1.01 H	137	88.9	4.2
6	11020.00	53.0 PK	74.0	-21.0	2.42 H	140	39.5	13.5
7	11020.00	41.0 AV	54.0	-13.0	2.42 H	140	27.5	13.5
8	#16530.00	50.4 PK	68.2	-17.8	2.23 H	102	35.1	15.3

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.9 PK	74.0	-13.1	1.00 V	64	56.8	4.1
2	5460.00	52.5 AV	54.0	-1.5	1.00 V	64	48.4	4.1
3	#5467.54	67.5 PK	68.2	-0.7	1.00 V	64	63.3	4.2
4	*5510.00	106.5 PK			1.00 V	64	102.3	4.2
5	*5510.00	100.0 AV			1.00 V	64	95.8	4.2
6	11020.00	53.4 PK	74.0	-20.6	3.42 V	49	39.9	13.5
7	11020.00	40.9 AV	54.0	-13.1	3.42 V	49	27.4	13.5
8	#16530.00	50.8 PK	68.2	-17.4	3.28 V	207	35.5	15.3

Remarks:

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

Channel	TX Channel 110	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	101.8 PK			1.10 H	137	97.6	4.2
2	*5550.00	91.8 AV			1.10 H	137	87.6	4.2
3	11100.00	53.5 PK	74.0	-20.5	2.46 H	116	40.1	13.4
4	11100.00	41.2 AV	54.0	-12.8	2.46 H	116	27.8	13.4
5	#16650.00	50.0 PK	68.2	-18.2	2.23 H	104	33.8	16.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5550.00	108.1 PK			1.01 V	52	103.9	4.2
2	*5550.00	100.4 AV			1.01 V	52	96.2	4.2
3	11100.00	53.6 PK	74.0	-20.4	3.38 V	50	40.2	13.4
4	11100.00	40.7 AV	54.0	-13.3	3.38 V	50	27.3	13.4
5	#16650.00	50.5 PK	68.2	-17.7	3.26 V	201	34.3	16.2

Remarks:

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

Channel	TX Channel 134	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	101.2 PK			1.09 H	147	96.8	4.4
2	*5670.00	91.5 AV			1.09 H	147	87.1	4.4
3	#5725.00	56.7 PK	68.2	-11.5	1.09 H	147	52.3	4.4
4	11340.00	53.4 PK	74.0	-20.6	2.42 H	139	39.5	13.9
5	11340.00	42.9 AV	54.0	-11.1	2.42 H	139	29.0	13.9
6	#17010.00	50.4 PK	68.2	-17.8	2.27 H	106	32.9	17.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5670.00	109.4 PK			1.22 V	164	105.0	4.4
2	*5670.00	100.6 AV			1.22 V	164	96.2	4.4
3	#5725.00	60.2 PK	68.2	-8.0	1.22 V	164	55.8	4.4
4	11340.00	53.0 PK	74.0	-21.0	3.42 V	50	39.1	13.9
5	11340.00	40.6 AV	54.0	-13.4	3.42 V	50	26.7	13.9
6	#17010.00	50.7 PK	68.2	-17.5	3.26 V	186	33.2	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 142	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.4 PK	74.0	-23.6	1.12 H	135	46.3	4.1
2	5460.00	38.5 AV	54.0	-15.5	1.12 H	135	34.4	4.1
3	#5470.00	50.3 PK	68.2	-17.9	1.12 H	135	46.1	4.2
4	*5710.00	101.6 PK			1.12 H	135	97.3	4.3
5	*5710.00	91.3 AV			1.12 H	135	87.0	4.3
6	#5850.00	56.9 PK	68.2	-11.3	1.12 H	135	52.0	4.9
7	11420.00	53.8 PK	74.0	-20.2	2.40 H	134	40.1	13.7
8	11420.00	43.3 AV	54.0	-10.7	2.40 H	134	29.6	13.7
9	#17130.00	50.7 PK	68.2	-17.5	2.26 H	95	32.8	17.9

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.5 PK	74.0	-20.5	1.00 V	134	49.4	4.1
2	5460.00	42.9 AV	54.0	-11.1	1.00 V	134	38.8	4.1
3	#5470.00	54.3 PK	68.2	-13.9	1.00 V	134	50.1	4.2
4	*5710.00	109.1 PK			1.00 V	134	104.8	4.3
5	*5710.00	100.9 AV			1.00 V	134	96.6	4.3
6	#5850.00	61.1 PK	68.2	-7.1	1.00 V	134	56.2	4.9
7	11420.00	53.4 PK	74.0	-20.6	3.38 V	60	39.7	13.7
8	11420.00	40.5 AV	54.0	-13.5	3.38 V	60	26.8	13.7
9	#17130.00	51.0 PK	68.2	-17.2	3.23 V	200	33.1	17.9

Remarks:

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

Channel	TX Channel 151	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	101.3 PK			1.57 H	163	96.9	4.4
2	*5755.00	91.6 AV			1.57 H	163	87.2	4.4
3	11510.00	54.0 PK	74.0	-20.0	2.31 H	163	40.0	14.0
4	11510.00	42.6 AV	54.0	-11.4	2.31 H	163	28.6	14.0
5	#17265.00	52.8 PK	68.2	-15.4	2.15 H	82	34.7	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5755.00	109.6 PK			1.51 V	318	105.2	4.4
2	*5755.00	101.0 AV			1.51 V	318	96.6	4.4
3	11510.00	53.0 PK	74.0	-21.0	3.18 V	60	39.0	14.0
4	11510.00	41.7 AV	54.0	-12.3	3.18 V	60	27.7	14.0
5	#17265.00	52.6 PK	68.2	-15.6	3.28 V	228	34.5	18.1

Remarks:

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

Channel	TX Channel 159	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5577.23	50.8 PK	68.2	-17.4	1.55 H	174	46.5	4.3
2	*5795.00	101.5 PK			1.55 H	174	96.9	4.6
3	*5795.00	91.2 AV			1.55 H	174	86.6	4.6
4	#5977.89	51.5 PK	68.2	-16.7	1.55 H	174	46.6	4.9
5	11590.00	53.8 PK	74.0	-20.2	2.39 H	151	39.9	13.9
6	11590.00	42.4 AV	54.0	-11.6	2.39 H	151	28.5	13.9
7	#17385.00	53.5 PK	68.2	-14.7	2.11 H	81	35.1	18.4

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5624.37	52.9 PK	68.2	-15.3	1.57 V	315	48.6	4.3
2	*5795.00	109.6 PK			1.57 V	315	105.0	4.6
3	*5795.00	100.8 AV			1.57 V	315	96.2	4.6
4	#5945.89	53.0 PK	68.2	-15.2	1.57 V	315	48.1	4.9
5	11590.00	53.2 PK	74.0	-20.8	3.21 V	65	39.3	13.9
6	11590.00	41.6 AV	54.0	-12.4	3.21 V	65	27.7	13.9
7	#17385.00	52.9 PK	68.2	-15.3	3.30 V	219	34.5	18.4

Remarks:

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

802.11ax (HE80)

Channel	TX Channel 42	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.9 PK	74.0	-17.1	1.04 H	129	52.7	4.2
2	5150.00	45.3 AV	54.0	-8.7	1.04 H	129	41.1	4.2
3	*5210.00	96.5 PK			1.04 H	129	92.6	3.9
4	*5210.00	84.8 AV			1.04 H	129	80.9	3.9
5	5350.00	49.6 PK	74.0	-24.4	1.04 H	129	45.9	3.7
6	5350.00	40.0 AV	54.0	-14.0	1.04 H	129	36.3	3.7
7	#10420.00	52.5 PK	68.2	-15.7	2.32 H	157	39.3	13.2
8	15630.00	52.3 PK	74.0	-21.7	2.21 H	93	38.0	14.3
9	15630.00	40.9 AV	54.0	-13.1	2.21 H	93	26.6	14.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.4 PK	74.0	-13.6	1.50 V	325	56.2	4.2
2	5150.00	53.5 AV	54.0	-0.5	1.50 V	325	49.3	4.2
3	*5210.00	103.1 PK			1.50 V	325	99.2	3.9
4	*5210.00	93.5 AV			1.50 V	325	89.6	3.9
5	5350.00	49.7 PK	74.0	-24.3	1.50 V	325	46.0	3.7
6	5350.00	41.3 AV	54.0	-12.7	1.50 V	325	37.6	3.7
7	#10420.00	51.4 PK	68.2	-16.8	3.33 V	33	38.2	13.2
8	15630.00	49.8 PK	74.0	-24.2	3.12 V	183	35.5	14.3
9	15630.00	38.9 AV	54.0	-15.1	3.12 V	183	24.6	14.3

Remarks:

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

Channel	TX Channel 58	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	49.0 PK	74.0	-25.0	1.10 H	132	44.8	4.2
2	5150.00	40.7 AV	54.0	-13.3	1.10 H	132	36.5	4.2
3	*5290.00	98.8 PK			1.10 H	132	95.1	3.7
4	*5290.00	85.5 AV			1.10 H	132	81.8	3.7
5	5350.00	56.1 PK	74.0	-17.9	1.10 H	132	52.4	3.7
6	5350.00	47.5 AV	54.0	-6.5	1.10 H	132	43.8	3.7
7	#10580.00	52.4 PK	68.2	-15.8	2.34 H	142	39.0	13.4
8	15870.00	52.3 PK	74.0	-21.7	2.24 H	87	38.6	13.7
9	15870.00	40.8 AV	54.0	-13.2	2.24 H	87	27.1	13.7

Antenna Polarity & Test Distance : Vertical at 3 m

No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	53.1 PK	74.0	-20.9	1.19 V	76	48.9	4.2
2	5150.00	44.2 AV	54.0	-9.8	1.19 V	76	40.0	4.2
3	*5290.00	100.7 PK			1.19 V	76	97.0	3.7
4	*5290.00	94.3 AV			1.19 V	76	90.6	3.7
5	5350.00	61.8 PK	74.0	-12.2	1.19 V	76	58.1	3.7
6	5350.00	53.8 AV	54.0	-0.2	1.19 V	76	50.1	3.7
7	#10580.00	51.6 PK	68.2	-16.6	3.23 V	62	38.2	13.4
8	15870.00	49.4 PK	74.0	-24.6	3.13 V	173	35.7	13.7
9	15870.00	38.6 AV	54.0	-15.4	3.13 V	173	24.9	13.7

Remarks:

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

Channel	TX Channel 106	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	53.7 PK	74.0	-20.3	1.05 H	160	49.6	4.1
2	5460.00	45.0 AV	54.0	-9.0	1.05 H	160	40.9	4.1
3	#5470.00	54.4 PK	68.2	-13.8	1.05 H	160	50.2	4.2
4	*5530.00	96.4 PK			1.05 H	160	92.2	4.2
5	*5530.00	85.4 AV			1.05 H	160	81.2	4.2
6	#5849.65	50.3 PK	68.2	-17.9	1.05 H	160	45.4	4.9
7	11060.00	52.3 PK	74.0	-21.7	2.33 H	154	38.9	13.4
8	11060.00	41.1 AV	54.0	-12.9	2.33 H	154	27.7	13.4
9	#16590.00	51.9 PK	68.2	-16.3	2.20 H	72	36.2	15.7

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.0 PK	74.0	-12.0	3.41 V	227	57.9	4.1
2	5460.00	53.5 AV	54.0	-0.5	3.41 V	227	49.4	4.1
3	#5465.98	60.1 PK	68.2	-8.1	3.41 V	227	55.9	4.2
4	*5530.00	101.2 PK			3.41 V	227	97.0	4.2
5	*5530.00	94.9 AV			3.41 V	227	90.7	4.2
6	#5776.95	49.5 PK	68.2	-18.7	3.41 V	227	45.0	4.5
7	11060.00	51.6 PK	74.0	-22.4	3.26 V	40	38.2	13.4
8	11060.00	39.3 AV	54.0	-14.7	3.26 V	40	25.9	13.4
9	#16590.00	49.7 PK	68.2	-18.5	3.15 V	182	34.0	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. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

Channel	TX Channel 122	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	97.5 PK			1.03 H	158	93.3	4.2
2	*5610.00	86.3 AV			1.03 H	158	82.1	4.2
3	#5725.00	55.7 PK	68.2	-12.5	1.03 H	158	51.3	4.4
4	11220.00	53.3 PK	74.0	-20.7	2.30 H	170	39.5	13.8
5	11220.00	42.2 AV	54.0	-11.8	2.30 H	170	28.4	13.8
6	#16830.00	53.4 PK	68.2	-14.8	2.18 H	75	36.7	16.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5610.00	106.5 PK			1.02 V	141	102.3	4.2
2	*5610.00	95.5 AV			1.02 V	141	91.3	4.2
3	#5725.00	56.7 PK	68.2	-11.5	1.02 V	141	52.3	4.4
4	11220.00	52.8 PK	74.0	-21.2	3.39 V	49	39.0	13.8
5	11220.00	40.6 AV	54.0	-13.4	3.39 V	49	26.8	13.8
6	#16830.00	50.3 PK	68.2	-17.9	3.30 V	177	33.6	16.7

Remarks:

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

Channel	TX Channel 138	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	50.2 PK	74.0	-23.8	1.10 H	169	46.1	4.1
2	5460.00	38.6 AV	54.0	-15.4	1.10 H	169	34.5	4.1
3	#5470.00	50.0 PK	68.2	-18.2	1.10 H	169	45.8	4.2
4	*5690.00	95.6 PK			1.10 H	169	91.2	4.4
5	*5690.00	86.5 AV			1.10 H	169	82.1	4.4
6	#5850.00	57.1 PK	68.2	-11.1	1.10 H	169	52.2	4.9
7	11380.00	54.0 PK	74.0	-20.0	2.33 H	171	40.4	13.6
8	11380.00	42.5 AV	54.0	-11.5	2.33 H	171	28.9	13.6
9	#17070.00	52.3 PK	68.2	-15.9	2.17 H	84	34.7	17.6

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	47.5 PK	74.0	-26.5	1.10 V	146	43.4	4.1
2	5460.00	38.1 AV	54.0	-15.9	1.10 V	146	34.0	4.1
3	#5470.00	48.4 PK	68.2	-19.8	1.10 V	146	44.2	4.2
4	*5690.00	104.2 PK			1.10 V	146	99.8	4.4
5	*5690.00	95.7 AV			1.10 V	146	91.3	4.4
6	#5850.00	51.0 PK	68.2	-17.2	1.10 V	146	46.1	4.9
7	11380.00	53.3 PK	74.0	-20.7	3.39 V	57	39.7	13.6
8	11380.00	40.6 AV	54.0	-13.4	3.39 V	57	27.0	13.6
9	#17070.00	50.8 PK	68.2	-17.4	3.23 V	174	33.2	17.6

Remarks:

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

Channel	TX Channel 155	Detector Function	Peak (PK)
Frequency Range	1GHz ~ 40GHz		Average (AV)

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5648.52	52.0 PK	68.2	-16.2	1.57 H	193	47.6	4.4
2	*5775.00	95.6 PK			1.57 H	193	91.1	4.5
3	*5775.00	86.4 AV			1.57 H	193	81.9	4.5
4	#5964.47	51.5 PK	68.2	-16.7	1.57 H	193	46.6	4.9
5	11550.00	54.0 PK	74.0	-20.0	2.39 H	140	40.1	13.9
6	11550.00	42.4 AV	54.0	-11.6	2.39 H	140	28.5	13.9
7	#17325.00	53.1 PK	68.2	-15.1	2.08 H	85	34.9	18.2
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	#5649.54	53.0 PK	68.2	-15.2	1.03 V	146	48.6	4.4
2	*5775.00	102.3 PK			1.03 V	146	97.8	4.5
3	*5775.00	96.0 AV			1.03 V	146	91.5	4.5
4	#6014.28	51.0 PK	68.2	-17.2	1.03 V	146	45.9	5.1
5	11550.00	52.8 PK	74.0	-21.2	3.13 V	48	38.9	13.9
6	11550.00	41.3 AV	54.0	-12.7	3.13 V	48	27.4	13.9
7	#17325.00	52.8 PK	68.2	-15.4	3.28 V	240	34.6	18.2

Remarks:

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

Below 1GHz Data:

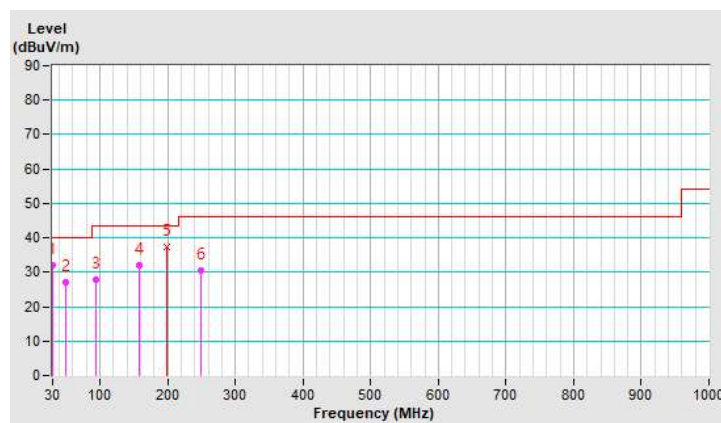
802.11a

CHANNEL	TX Channel 165	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	30.76	32.1 QP	40.0	-7.9	2.00 H	97	41.1	-9.0
2	49.69	26.9 QP	40.0	-13.1	1.50 H	6	34.4	-7.5
3	94.91	27.9 QP	43.5	-15.6	1.50 H	272	40.5	-12.6
4	158.22	32.1 QP	43.5	-11.4	2.00 H	315	38.9	-6.8
5	199.62	37.5 QP	43.5	-6.0	1.00 H	323	47.6	-10.1
6	249.06	30.5 QP	46.0	-15.5	1.50 H	205	38.5	-8.0

Remarks:

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

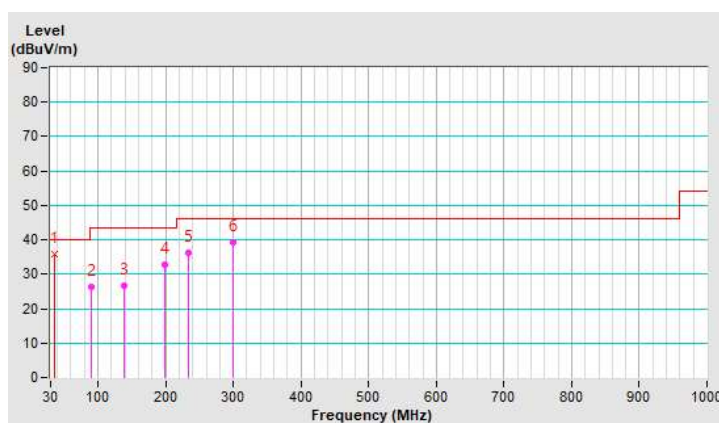


CHANNEL	TX Channel 165	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9kHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	35.15	35.9 QP	40.0	-4.1	1.00 V	240	44.5	-8.6
2	89.90	26.2 QP	43.5	-17.3	1.00 V	209	39.4	-13.2
3	139.00	26.7 QP	43.5	-16.8	1.00 V	13	34.0	-7.3
4	199.60	32.8 QP	43.5	-10.7	1.50 V	235	42.9	-10.1
5	232.76	36.2 QP	46.0	-9.8	1.00 V	7	44.9	-8.7
6	299.47	39.1 QP	46.0	-6.9	2.00 V	310	45.0	-5.9

REMARKS:

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



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 23, 2019	Oct. 22, 2020
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 19, 2020	Mar. 18, 2021
50 ohms Terminator	50	3	Oct. 23, 2019	Oct. 22, 2020
RF Cable	5D-FB	COCCAB-001	Sep. 27, 2019	Sep. 26, 2020
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:

1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
- 3 Tested Date: Sep. 08, 2020

4.2.3 Test Procedure

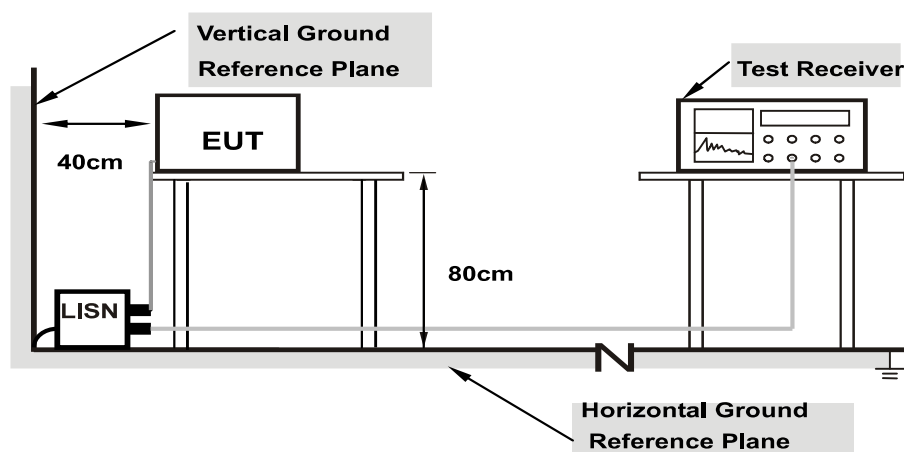
- The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance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

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

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



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

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

4.2.6 EUT Operating Condition

Same as 4.1.6.

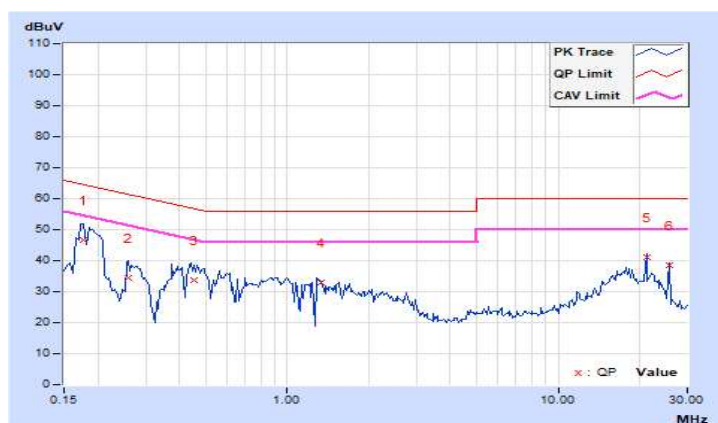
4.2.7 Test Results

Phase	Line (L)	Detector Function	Quasi-Peak (QP) / Average (AV)
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Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.17734	9.92	36.77	12.28	46.69	22.20	64.61	54.61	-17.92	-32.41
2	0.25988	9.94	24.34	1.12	34.28	11.06	61.44	51.44	-27.16	-40.38
3	0.45297	9.95	23.86	5.18	33.81	15.13	56.82	46.82	-23.01	-31.69
4	1.33859	10.00	23.08	6.62	33.08	16.62	56.00	46.00	-22.92	-29.38
5	21.16797	11.05	30.22	29.38	41.27	40.43	60.00	50.00	-18.73	-9.57
6	25.87259	11.18	27.20	27.16	38.38	38.34	60.00	50.00	-21.62	-11.66

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

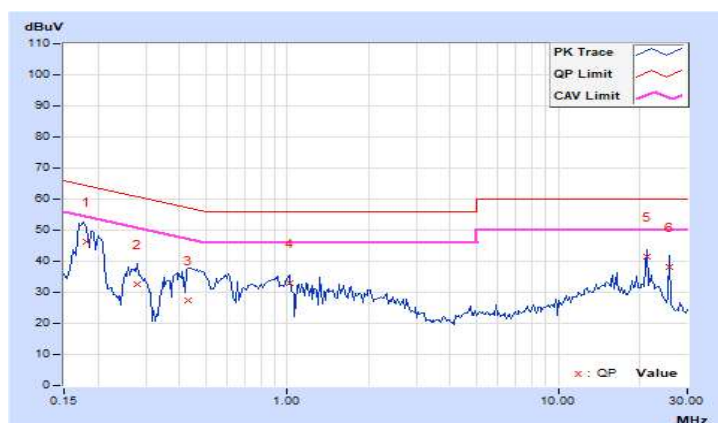


Phase	Neutral (N)	Detector Function	Quasi-Peak (QP) / Average (AV)
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Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBUV)		Emission Level (dBUV)		Limit (dBUV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.18209	9.92	36.31	12.72	46.23	22.64	64.39	54.39	-18.16	-31.75
2	0.27891	9.94	22.62	2.95	32.56	12.89	60.85	50.85	-28.29	-37.96
3	0.43125	9.95	17.49	-1.11	27.44	8.84	57.23	47.23	-29.79	-38.39
4	1.02344	9.99	23.10	9.80	33.09	19.79	56.00	46.00	-22.91	-26.21
5	21.16797	10.78	30.61	30.05	41.39	40.83	60.00	50.00	-18.61	-9.17
6	25.87109	10.86	27.28	27.20	38.14	38.06	60.00	50.00	-21.86	-11.94

Remarks:

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



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

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

*B is the 26 dB emission bandwidth in megahertz

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

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

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

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

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

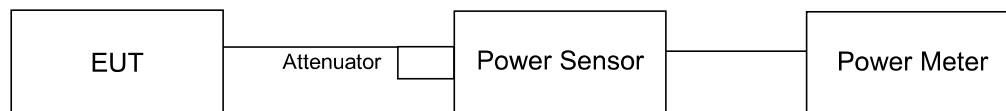
4.3.2 Test Setup

FOR POWER OUTPUT MEASUREMENT

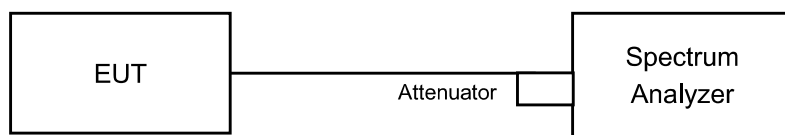
For channel straddling 5250MHz & channel straddling 5725MHz:



For other channels:



FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR POWER OUTPUT MEASUREMENT

For channel straddling 5725MHz:

Follow FCC KDB 789033 UNII test procedure:

Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1MHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Set trigger to free run (duty cycle ≥ 98 percent)
7. Detector = RMS.
8. Trace average at least 100 traces in power averaging mode
9. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

For channel straddling 5250MHz

Follow FCC KDB 789033 UNII test procedure:

Method SA-2

1. Set span to encompass the emission bandwidth (EBW) of the signal.
2. Set RBW = 1MHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Detector = RMS.
7. Trace average at least 100 traces in power averaging mode
8. Compute power by integrating the spectrum across the 26 dB EBW of the signal.
9. Duty factor need added to measured value (duty cycle < 98 percent).

For other channels:

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

FOR 26dB OCCUPIED BANDWIDTH

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

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

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

4.3.7 Test Results

POWER OUTPUT

CDD Mode

802.11a

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	15.67	15.27	70.549	18.48	24.00	Pass
40	5200	17.34	17.11	105.604	20.24	24.00	Pass
48	5240	18.91	18.72	152.277	21.83	24.00	Pass
52	5260	18.94	18.79	154.026	21.88	24.00	Pass
60	5300	18.82	18.66	149.659	21.75	24.00	Pass
64	5320	15.75	16.17	78.984	18.98	24.00	Pass
100	5500	17.21	16.68	99.16	19.96	24.00	Pass
116	5580	19.16	18.78	157.923	21.98	24.00	Pass
140	5700	17.90	17.70	120.544	20.81	24.00	Pass
*144 (U-NII-2C Band)	5720	17.04	17.20	103.063	20.13	23.46	Pass
*144 (U-NII-3 Band)	5720	10.25	10.33	21.382	13.30	30.00	Pass
149	5745	19.93	19.72	192.157	22.84	30.00	Pass
157	5785	19.88	19.83	193.436	22.87	30.00	Pass
165	5825	20.06	19.74	195.58	22.91	30.00	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	26.35	25.2 > 24
60	5300	25.85	25.12 > 24
64	5320	25.72	25.1 > 24
100	5500	25.82	25.11 > 24
116	5580	25.69	25.09 > 24
140	5700	25.54	25.07 > 24
144 (U-NII-2C Band)	5720	17.65	23.46 < 24

802.11ac (VHT20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.06	15.65	77.093	18.87	24.00	Pass
40	5200	17.24	16.92	102.17	20.09	24.00	Pass
48	5240	18.25	18.15	132.147	21.21	24.00	Pass
52	5260	18.50	18.41	140.137	21.47	24.00	Pass
60	5300	17.96	17.61	120.194	20.80	24.00	Pass
64	5320	15.64	15.50	72.125	18.58	24.00	Pass
100	5500	16.99	16.39	93.555	19.71	24.00	Pass
116	5580	18.73	18.54	146.095	21.65	24.00	Pass
140	5700	17.71	17.33	113.096	20.53	24.00	Pass
*144 (U-NII-2C Band)	5720	13.43	11.92	40.6	16.09	23.11	Pass
*144 (U-NII-3 Band)	5720	9.38	6.55	14.245	11.54	30.00	Pass
149	5745	18.65	18.26	140.271	21.47	30.00	Pass
157	5785	18.65	18.34	141.516	21.51	30.00	Pass
165	5825	18.71	18.30	141.91	21.52	30.00	Pass

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

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.22	24.65 > 24
60	5300	23.17	24.64 > 24
64	5320	22.2	24.46 > 24
100	5500	22.64	24.54 > 24
116	5580	23.86	24.77 > 24
140	5700	22.73	24.56 > 24
144 (U-NII-2C Band)	5720	16.26	23.11 < 24

802.11ac (VHT40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	15.39	14.97	65.999	18.20	24.00	Pass
46	5230	17.63	17.25	111.031	20.45	24.00	Pass
54	5270	17.89	17.51	117.881	20.71	24.00	Pass
62	5310	15.24	15.00	65.042	18.13	24.00	Pass
102	5510	17.03	16.54	95.548	19.80	24.00	Pass
110	5550	17.48	16.92	105.18	20.22	24.00	Pass
134	5670	17.46	17.35	110.044	20.42	24.00	Pass
*142 (U-NII-2C Band)	5710	10.37	9.35	21.982	13.42	24.00	Pass
*142 (U-NII-3 Band)	5710	-0.29	0.75	2.3944	3.79	30.00	Pass
151	5755	17.46	17.42	110.926	20.45	30.00	Pass
159	5795	17.48	17.28	109.432	20.39	30.00	Pass

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

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	40.76	27.1 > 24
62	5310	40.59	27.08 > 24
102	5510	40.62	27.08 > 24
110	5550	40.69	27.09 > 24
134	5670	40.69	27.09 > 24
142 (U-NII-2C Band)	5710	35.41	26.49 > 24

802.11ac (VHT80)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	14.09	13.74	49.304	16.93	24.00	Pass
58	5290	14.25	14.07	52.134	17.17	24.00	Pass
106	5530	15.22	14.51	61.515	17.89	24.00	Pass
122	5610	16.51	16.31	87.528	19.42	24.00	Pass
*138 (U-NII-2C Band)	5690	14.96	7.63	46.903	16.71	24.00	Pass
*138 (U-NII-3 Band)	5690	-4.81	-6.08	0.7289	-1.37	30.00	Pass
155	5775	16.50	16.24	86.741	19.38	30.00	Pass

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

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	81.05	30.08 > 24
106	5530	81.12	30.09 > 24
122	5610	81.16	30.09 > 24
138 (U-NII-2C Band)	5690	75.59	29.78 > 24

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.29	15.91	81.554	19.11	24.00	Pass
40	5200	17.45	17.12	107.113	20.30	24.00	Pass
48	5240	18.51	18.39	139.982	21.46	24.00	Pass
52	5260	18.79	18.66	149.135	21.74	24.00	Pass
60	5300	18.17	17.89	127.132	21.04	24.00	Pass
64	5320	15.86	15.73	75.959	18.81	24.00	Pass
100	5500	17.26	16.61	99.025	19.96	24.00	Pass
116	5580	18.97	18.83	155.27	21.91	24.00	Pass
140	5700	17.94	17.53	118.854	20.75	24.00	Pass
*144 (U-NII-2C Band)	5720	13.61	12.20	42.727	16.31	23.11	Pass
*144 (U-NII-3 Band)	5720	9.70	6.83	15.286	11.84	30.00	Pass
149	5745	18.90	18.47	147.932	21.70	30.00	Pass
157	5785	18.88	18.57	149.213	21.74	30.00	Pass
165	5825	19.98	18.51	170.498	22.32	30.00	Pass

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

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.22	24.65 > 24
60	5300	23.17	24.64 > 24
64	5320	22.2	24.46 > 24
100	5500	22.64	24.54 > 24
116	5580	23.86	24.77 > 24
140	5700	22.73	24.56 > 24
144 (U-NII-2C Band)	5720	16.26	23.11 < 24

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	15.61	15.25	69.888	18.44	24.00	Pass
46	5230	17.84	17.53	117.437	20.70	24.00	Pass
54	5270	18.09	17.74	123.846	20.93	24.00	Pass
62	5310	15.51	15.25	69.06	18.39	24.00	Pass
102	5510	17.11	16.76	98.829	19.95	24.00	Pass
110	5550	17.78	17.19	112.339	20.51	24.00	Pass
134	5670	17.66	17.58	115.624	20.63	24.00	Pass
*142 (U-NII-2C Band)	5710	10.60	9.70	23.465	13.70	24.00	Pass
*142 (U-NII-3 Band)	5710	-0.02	1.12	2.5812	4.12	30.00	Pass
151	5755	17.74	17.63	117.372	20.70	30.00	Pass
159	5795	17.74	17.56	116.446	20.66	30.00	Pass

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

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

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	40.76	27.1 > 24
62	5310	40.59	27.08 > 24
102	5510	40.62	27.08 > 24
110	5550	40.69	27.09 > 24
134	5670	40.69	27.09 > 24
142 (U-NII-2C Band)	5710	35.41	26.49 > 24