



CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.95	55.87	68.2	-13.25	34.78	9.81	45.51	100	280	Peak
5720	102.45	103.02	/	/	35.06	9.87	45.5	100	280	Peak
5720	95.43	96	/	/	35.06	9.87	45.5	100	280	Average
5850	54.17	54.53	68.2	-14.03	35.22	9.92	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.82	55.92	68.2	-13.38	34.6	9.81	45.51	100	80	Peak
5720	103.2	103.97	/	/	34.86	9.87	45.5	100	80	Peak
5720	97.47	98.24	/	/	34.86	9.87	45.5	100	80	Average
5850	55.65	56.21	68.2	-12.55	35.02	9.92	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5720MHz: Fundamental frequency.
- #: Out of restricted band.



802.11n (40MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.7	55.63	74	-19.3	34.77	9.81	45.51	100	275	Peak
5460	48.15	49.08	54	-5.85	34.77	9.81	45.51	100	275	Average
5470	53.14	54.06	68.2	-15.06	34.78	9.81	45.51	100	275	Peak
5510	93.55	94.44	/	/	34.81	9.8	45.5	100	275	Peak
5510	88.62	89.51	/	/	34.81	9.8	45.5	100	275	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.04	54.14	74	-20.96	34.6	9.81	45.51	170	265	Peak
5460	47.81	48.91	54	-6.19	34.6	9.81	45.51	170	265	Average
5470	53.81	54.91	68.2	-14.39	34.6	9.81	45.51	170	265	Peak
5510	97.74	98.83	/	/	34.61	9.8	45.5	170	265	Peak
5510	92.35	93.44	/	/	34.61	9.8	45.5	170	265	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5510MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.79	54.72	74	-20.21	34.77	9.81	45.51	100	275	Peak
5460	47.6	48.53	54	-6.4	34.77	9.81	45.51	100	275	Average
5470	54.95	55.87	68.2	-13.25	34.78	9.81	45.51	100	275	Peak
5550	94.26	95.08	/	/	34.86	9.82	45.5	100	275	Peak
5550	89.75	90.57	/	/	34.86	9.82	45.5	100	275	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.33	54.43	74	-20.67	34.6	9.81	45.51	170	265	Peak
5460	48.21	49.31	54	-5.79	34.6	9.81	45.51	170	265	Average
5470	53.56	54.66	68.2	-14.64	34.6	9.81	45.51	170	265	Peak
5550	96.59	97.61	/	/	34.66	9.82	45.5	170	265	Peak
5550	92.41	93.43	/	/	34.66	9.82	45.5	170	265	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5500MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	96.13	96.77	/	/	35	9.86	45.5	100	280	Peak
5670	92.63	93.27	/	/	35	9.86	45.5	100	280	Average
5725	55.31	55.86	68.2	-12.89	35.07	9.88	45.5	100	280	Peak

ANTENNA POLARITY & test distance: Vertical at 3 m

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	97.53	98.37	/	/	34.8	9.86	45.5	100	80	Peak
5670	94.08	94.92	/	/	34.8	9.86	45.5	100	80	Average
5725	54.26	55.01	68.2	-13.94	34.87	9.88	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5670MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.02	54.94	68.2	-14.18	34.78	9.81	45.51	100	280	Peak
5710	96.52	97.1	/	/	35.05	9.87	45.5	100	280	Peak
5710	92.69	93.27	/	/	35.05	9.87	45.5	100	280	Average
5850	56.91	57.27	68.2	-11.29	35.22	9.92	45.5	100	280	Peak

ANTENNA POLARITY & test distance: Vertical at 3 m

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.62	54.72	68.2	-14.58	34.6	9.81	45.51	100	80	Peak
5710	99.14	99.92	/	/	34.85	9.87	45.5	100	80	Peak
5710	94.38	95.16	/	/	34.85	9.87	45.5	100	80	Average
5850	55.48	56.04	68.2	-12.72	35.02	9.92	45.5	100	80	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.



802.11ac (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.82	54.75	74	-20.18	34.77	9.81	45.51	100	275	Peak
5460	47.37	48.3	54	-6.63	34.77	9.81	45.51	100	275	Average
5470	53.83	54.75	68.2	-14.37	34.78	9.81	45.51	100	275	Peak
5500	96.45	97.35	/	/	34.8	9.8	45.5	100	275	Peak
5500	90.1	91	/	/	34.8	9.8	45.5	100	275	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.94	54.04	74	-21.06	34.6	9.81	45.51	170	265	Peak
5460	47.58	48.68	54	-6.42	34.6	9.81	45.51	170	265	Average
5470	54.86	55.96	68.2	-13.34	34.6	9.81	45.51	170	265	Peak
5500	100.68	101.78	/	/	34.6	9.8	45.5	170	265	Peak
5500	94.54	95.64	/	/	34.6	9.8	45.5	170	265	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5500MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.19	55.12	74	-19.81	34.77	9.81	45.51	100	275	Peak
5460	47.6	48.53	54	-6.4	34.77	9.81	45.51	100	275	Average
5470	55.39	56.31	68.2	-12.81	34.78	9.81	45.51	100	275	Peak
5580	97.44	98.21	/	/	34.9	9.83	45.5	100	275	Peak
5580	91.58	92.35	/	/	34.9	9.83	45.5	100	275	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.17	54.27	74	-20.83	34.6	9.81	45.51	170	265	Peak
5460	48.03	49.13	54	-5.97	34.6	9.81	45.51	170	265	Average
5470	53.76	54.86	68.2	-14.44	34.6	9.81	45.51	170	265	Peak
5580	100.84	101.81	/	/	34.7	9.83	45.5	170	265	Peak
5580	94.84	95.81	/	/	34.7	9.83	45.5	170	265	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5580MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	100.15	100.74	/	/	35.04	9.87	45.5	100	280	Peak
5700	94.28	94.87	/	/	35.04	9.87	45.5	100	280	Average
5725	55.49	56.04	68.2	-12.71	35.07	9.88	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	102.21	103	/	/	34.84	9.87	45.5	100	80	Peak
5700	95.95	96.74	/	/	34.84	9.87	45.5	100	80	Average
5725	55.6	56.35	68.2	-12.6	34.87	9.88	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5700MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.29	55.21	68.2	-13.91	34.78	9.81	45.51	100	280	Peak
5720	99.99	100.56	/	/	35.06	9.87	45.5	100	280	Peak
5720	94.19	94.76	/	/	35.06	9.87	45.5	100	280	Average
5850	55.1	55.46	68.2	-13.1	35.22	9.92	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.4	54.5	68.2	-14.8	34.6	9.81	45.51	100	80	Peak
5720	101.94	102.71	/	/	34.86	9.87	45.5	100	80	Peak
5720	95.84	96.61	/	/	34.86	9.87	45.5	100	80	Average
5850	56.57	57.13	68.2	-11.63	35.02	9.92	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5720MHz: Fundamental frequency.
- #: Out of restricted band.



802.11ac (40MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.1	54.03	74	-20.9	34.77	9.81	45.51	100	275	Peak
5460	47.88	48.81	54	-6.12	34.77	9.81	45.51	100	275	Average
5470	52.3	53.22	68.2	-15.9	34.78	9.81	45.51	100	275	Peak
5510	92.43	93.32	/	/	34.81	9.8	45.5	100	275	Peak
5510	88.09	88.98	/	/	34.81	9.8	45.5	100	275	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.48	54.58	74	-20.52	34.6	9.81	45.51	170	265	Peak
5460	47.64	48.74	54	-6.36	34.6	9.81	45.51	170	265	Average
5470	54.73	55.83	68.2	-13.47	34.6	9.81	45.51	170	265	Peak
5510	95.62	96.71	/	/	34.61	9.8	45.5	170	265	Peak
5510	91.85	92.94	/	/	34.61	9.8	45.5	170	265	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5510MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.91	54.84	74	-20.09	34.77	9.81	45.51	100	275	Peak
5460	48.03	48.96	54	-5.97	34.77	9.81	45.51	100	275	Average
5470	54.44	55.36	68.2	-13.76	34.78	9.81	45.51	100	275	Peak
5550	92.62	93.44	/	/	34.86	9.82	45.5	100	275	Peak
5550	88.68	89.5	/	/	34.86	9.82	45.5	100	275	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.07	54.17	74	-20.93	34.6	9.81	45.51	170	265	Peak
5460	47.72	48.82	54	-6.28	34.6	9.81	45.51	170	265	Average
5470	53.28	54.38	68.2	-14.92	34.6	9.81	45.51	170	265	Peak
5550	96.73	97.75	/	/	34.66	9.82	45.5	170	265	Peak
5550	91.41	92.43	/	/	34.66	9.82	45.5	170	265	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5500MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	95.24	95.88	/	/	35	9.86	45.5	100	280	Peak
5670	90.88	91.52	/	/	35	9.86	45.5	100	280	Average
5725	57.04	57.59	68.2	-11.16	35.07	9.88	45.5	100	280	Peak

ANTENNA POLARITY & test distance: Vertical at 3 m

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	95.84	96.68	/	/	34.8	9.86	45.5	100	80	Peak
5670	92.35	93.19	/	/	34.8	9.86	45.5	100	80	Average
5725	55.06	55.81	68.2	-13.14	34.87	9.88	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5670MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.25	55.17	68.2	-13.95	34.78	9.81	45.51	100	280	Peak
5710	95.51	96.09	/	/	35.05	9.87	45.5	100	280	Peak
5710	91.43	92.01	/	/	35.05	9.87	45.5	100	280	Average
5850	55.27	55.63	68.2	-12.93	35.22	9.92	45.5	100	280	Peak

ANTENNA POLARITY & test distance: Vertical at 3 m

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	52.93	54.03	68.2	-15.27	34.6	9.81	45.51	100	80	Peak
5710	97.11	97.89	/	/	34.85	9.87	45.5	100	80	Peak
5710	92.84	93.62	/	/	34.85	9.87	45.5	100	80	Average
5850	54.18	54.74	68.2	-14.02	35.02	9.92	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5710MHz: Fundamental frequency.
- #: Out of restricted band.



802.11ac (80MHz)

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.83	53.76	74	-21.17	34.77	9.81	45.51	100	280	Peak
5460	47.91	48.84	54	-6.09	34.77	9.81	45.51	100	280	Average
5470	53.82	54.74	68.2	-14.38	34.78	9.81	45.51	100	280	Peak
5530	89.44	90.29	/	/	34.84	9.81	45.5	100	280	Peak
5530	84.23	85.08	/	/	34.84	9.81	45.5	100	280	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.38	54.48	74	-20.62	34.6	9.81	45.51	100	80	Peak
5460	47.36	48.46	54	-6.64	34.6	9.81	45.51	100	80	Average
5470	53.48	54.58	68.2	-14.72	34.6	9.81	45.51	100	80	Peak
5530	90.69	91.74	/	/	34.64	9.81	45.5	100	80	Peak
5530	85.24	86.29	/	/	34.64	9.81	45.5	100	80	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5530MHz: Fundamental frequency.
3. #: Out of restricted band.



CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.43	54.36	74	-20.57	34.77	9.81	45.51	100	280	Peak
5460	48.62	49.55	54	-5.38	34.77	9.81	45.51	100	280	Average
5470	52.53	53.45	68.2	-15.67	34.78	9.81	45.51	100	280	Peak
5610	88.87	89.6	/	/	34.93	9.84	45.5	100	280	Peak
5610	85.9	86.63	/	/	34.93	9.84	45.5	100	280	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.94	56.04	74	-19.06	34.6	9.81	45.51	100	80	Peak
5460	47.65	48.75	54	-6.35	34.6	9.81	45.51	100	80	Average
5470	55.49	56.59	68.2	-12.71	34.6	9.81	45.51	100	80	Peak
5610	90.6	91.53	/	/	34.73	9.84	45.5	100	80	Peak
5610	87	87.93	/	/	34.73	9.84	45.5	100	80	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5610MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.8	54.72	68.2	-14.4	34.78	9.81	45.51	100	280	Peak
5690	89.84	90.45	/	/	35.03	9.86	45.5	100	280	Peak
5690	87.09	87.7	/	/	35.03	9.86	45.5	100	280	Average
5850	54.47	54.83	68.2	-13.73	35.22	9.92	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.32	55.42	68.2	-13.88	34.6	9.81	45.51	100	80	Peak
5690	91.3	92.11	/	/	34.83	9.86	45.5	100	80	Peak
5690	88.9	89.71	/	/	34.83	9.86	45.5	100	80	Average
5850	55.49	56.05	68.2	-12.71	35.02	9.92	45.5	100	80	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5690MHz: Fundamental frequency.
- #: Out of restricted band.



802.11ax (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.41	54.34	74	-20.59	34.77	9.81	45.51	100	280	Peak
5460	48.54	49.47	54	-5.46	34.77	9.81	45.51	100	280	Average
5470	53.4	54.32	68.2	-14.8	34.78	9.81	45.51	100	280	Peak
5500	97.23	98.13	/	/	34.8	9.8	45.5	100	280	Peak
5500	88.31	89.21	/	/	34.8	9.8	45.5	100	280	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.72	54.82	74	-20.28	34.6	9.81	45.51	100	270	Peak
5460	47.46	48.56	54	-6.54	34.6	9.81	45.51	100	270	Average
5470	54.92	56.02	68.2	-13.28	34.6	9.81	45.51	100	270	Peak
5500	100.84	101.94	/	/	34.6	9.8	45.5	100	270	Peak
5500	91.08	92.18	/	/	34.6	9.8	45.5	100	270	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5500MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.54	54.47	74	-20.46	34.77	9.81	45.51	100	280	Peak
5460	47.41	48.34	54	-6.59	34.77	9.81	45.51	100	280	Average
5470	54.65	55.57	68.2	-13.55	34.78	9.81	45.51	100	280	Peak
5580	98.34	99.11	/	/	34.9	9.83	45.5	100	280	Peak
5580	89.34	90.11	/	/	34.9	9.83	45.5	100	280	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.32	54.42	74	-20.68	34.6	9.81	45.51	100	270	Peak
5460	47.25	48.35	54	-6.75	34.6	9.81	45.51	100	270	Average
5470	53.57	54.67	68.2	-14.63	34.6	9.81	45.51	100	270	Peak
5580	101.15	102.12	/	/	34.7	9.83	45.5	100	270	Peak
5580	91.25	92.22	/	/	34.7	9.83	45.5	100	270	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5580MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	102.04	102.63	/	/	35.04	9.87	45.5	100	280	Peak
5700	92.81	93.4	/	/	35.04	9.87	45.5	100	280	Average
5725	55.59	56.14	68.2	-12.61	35.07	9.88	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	101.42	102.21	/	/	34.84	9.87	45.5	100	270	Peak
5700	91.57	92.36	/	/	34.84	9.87	45.5	100	270	Average
5725	54.33	55.08	68.2	-13.87	34.87	9.88	45.5	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5700MHz: Fundamental frequency.
3. #: Out of restricted band.



CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.55	54.47	68.2	-14.65	34.78	9.81	45.51	100	280	Peak
5720	101.05	101.62	/	/	35.06	9.87	45.5	100	280	Peak
5720	93.01	93.58	/	/	35.06	9.87	45.5	100	280	Average
5850	55.01	55.37	68.2	-13.19	35.22	9.92	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.71	55.81	68.2	-13.49	34.6	9.81	45.51	100	270	Peak
5720	102.14	102.91	/	/	34.86	9.87	45.5	100	270	Peak
5720	91.98	92.75	/	/	34.86	9.87	45.5	100	270	Average
5850	53.65	54.21	68.2	-14.55	35.02	9.92	45.5	100	270	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5720MHz: Fundamental frequency.
- #: Out of restricted band.



802.11ax (40MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.72	55.65	74	-19.28	34.77	9.81	45.51	100	280	Peak
5460	48.14	49.07	54	-5.86	34.77	9.81	45.51	100	280	Average
5470	53.64	54.56	68.2	-14.56	34.78	9.81	45.51	100	280	Peak
5510	91.56	92.45	/	/	34.81	9.8	45.5	100	280	Peak
5510	85.43	86.32	/	/	34.81	9.8	45.5	100	280	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.62	54.72	74	-20.38	34.6	9.81	45.51	100	270	Peak
5460	47.29	48.39	54	-6.71	34.6	9.81	45.51	100	270	Average
5470	55.47	56.57	68.2	-12.73	34.6	9.81	45.51	100	270	Peak
5510	95.75	96.84	/	/	34.61	9.8	45.5	100	270	Peak
5510	88.42	89.51	/	/	34.61	9.8	45.5	100	270	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5510MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.1	54.03	74	-20.9	34.77	9.81	45.51	100	280	Peak
5460	48.9	49.83	54	-5.1	34.77	9.81	45.51	100	280	Average
5470	55.44	56.36	68.2	-12.76	34.78	9.81	45.51	100	280	Peak
5550	93.72	94.54	/	/	34.86	9.82	45.5	100	280	Peak
5550	86.51	87.33	/	/	34.86	9.82	45.5	100	280	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.41	54.51	74	-20.59	34.6	9.81	45.51	100	270	Peak
5460	48.18	49.28	54	-5.82	34.6	9.81	45.51	100	270	Average
5470	53.56	54.66	68.2	-14.64	34.6	9.81	45.51	100	270	Peak
5550	95.62	96.64	/	/	34.66	9.82	45.5	100	270	Peak
5550	87.1	88.12	/	/	34.66	9.82	45.5	100	270	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5500MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	96.02	96.66	/	/	35	9.86	45.5	100	280	Peak
5670	89.2	89.84	/	/	35	9.86	45.5	100	280	Average
5725	53.49	54.41	68.2	-14.71	34.78	9.81	45.51	100	280	Peak

ANTENNA POLARITY & test distance: Vertical at 3 m

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	97.48	98.32	/	/	34.8	9.86	45.5	100	270	Peak
5670	88.56	89.4	/	/	34.8	9.86	45.5	100	270	Average
5725	56.37	57.12	68.2	-11.83	34.87	9.88	45.5	100	270	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5670MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	55.89	56.81	68.2	-12.31	34.78	9.81	45.51	100	280	Peak
5710	95.82	96.4	/	/	35.05	9.87	45.5	100	280	Peak
5710	89.58	90.16	/	/	35.05	9.87	45.5	100	280	Average
5850	56.85	57.21	68.2	-11.35	35.22	9.92	45.5	100	280	Peak

ANTENNA POLARITY & test distance: Vertical at 3 m

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.86	54.96	68.2	-14.34	34.6	9.81	45.51	100	270	Peak
5710	95.27	96.05	/	/	34.85	9.87	45.5	100	270	Peak
5710	89.73	90.51	/	/	21.27	9.87	45.5	100	270	Average
5850	54.39	54.95	68.2	-13.81	35.02	9.92	45.5	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.



802.11ax (80MHz)

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.48	54.41	74	-20.52	34.77	9.81	45.51	100	280	Peak
5460	48.09	49.02	54	-5.91	34.77	9.81	45.51	100	280	Average
5470	55.38	56.3	68.2	-12.82	34.78	9.81	45.51	100	280	Peak
5530	89.3	90.15	/	/	34.84	9.81	45.5	100	280	Peak
5530	84.24	85.09	/	/	34.84	9.81	45.5	100	280	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.69	53.79	74	-21.31	34.6	9.81	45.51	100	270	Peak
5460	48.18	49.28	54	-5.82	34.6	9.81	45.51	100	270	Average
5470	52.69	53.79	68.2	-15.51	34.6	9.81	45.51	100	270	Peak
5530	90.2	91.25	/	/	34.64	9.81	45.5	100	270	Peak
5530	85.27	86.32	/	/	34.64	9.81	45.5	100	270	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5530MHz: Fundamental frequency.
3. #: Out of restricted band.



CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.9	53.83	74	-21.1	34.77	9.81	45.51	100	280	Peak
5460	48.17	49.1	54	-5.83	34.77	9.81	45.51	100	280	Average
5470	54.06	54.98	68.2	-14.14	34.78	9.81	45.51	100	280	Peak
5610	89.63	90.36	/	/	34.93	9.84	45.5	100	280	Peak
5610	85.5	86.23	/	/	34.93	9.84	45.5	100	280	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.03	54.13	74	-20.97	34.6	9.81	45.51	100	270	Peak
5460	47.65	48.75	54	-6.35	34.6	9.81	45.51	100	270	Average
5470	53.82	54.92	68.2	-14.38	34.6	9.81	45.51	100	270	Peak
5610	91.5	92.43	/	/	34.73	9.84	45.5	100	270	Peak
5610	86.08	87.01	/	/	34.73	9.84	45.5	100	270	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5610MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.35	54.27	68.2	-14.85	34.78	9.81	45.51	100	280	Peak
5690	92.86	93.47	/	/	35.03	9.86	45.5	100	280	Peak
5690	87.11	87.72	/	/	35.03	9.86	45.5	100	280	Average
5850	55.11	55.47	68.2	-13.09	35.22	9.92	45.5	100	280	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	54.32	55.42	68.2	-13.88	34.6	9.81	45.51	100	270	Peak
5690	90.6	91.41	/	/	34.83	9.86	45.5	100	270	Peak
5690	87.94	88.75	/	/	34.83	9.86	45.5	100	270	Average
5850	55.72	56.28	68.2	-12.48	35.02	9.92	45.5	100	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5690MHz: Fundamental frequency.
3. #: Out of restricted band.



**BUREAU
VERITAS**

Test Report No.: W7L-P23030016RF03

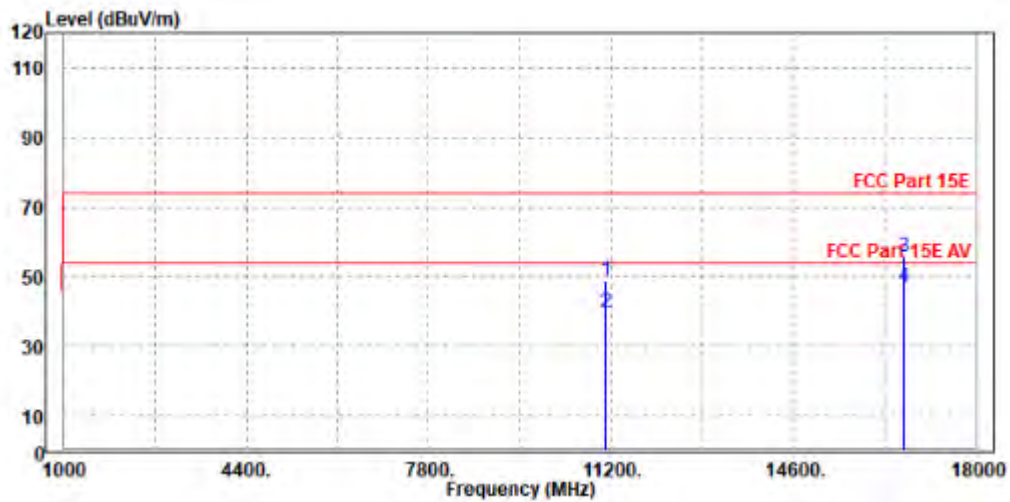
802.11ax (40MHz)

Worst case harmonic:

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

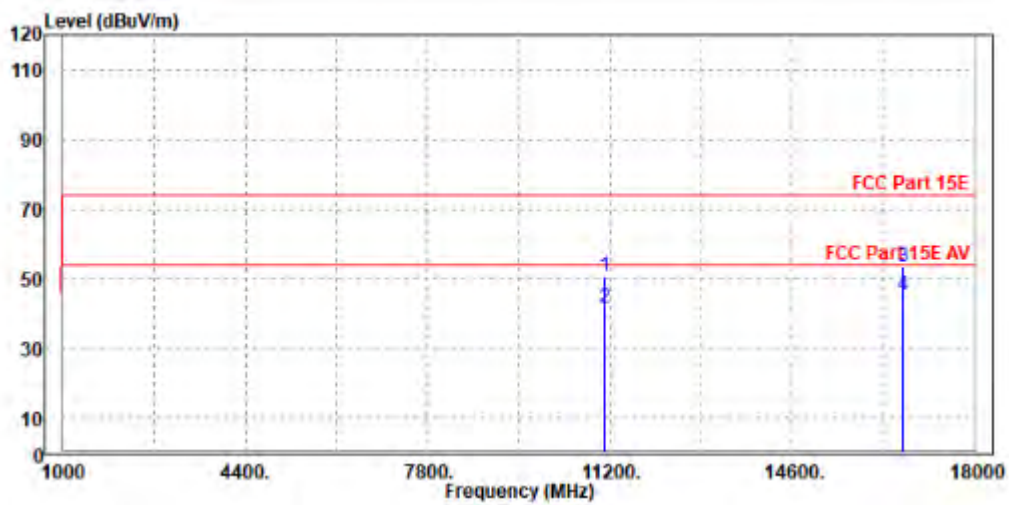
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11098.000	48.87	41.57	74.00	-25.13	7.30	Peak	Horizontal
2	11098.000	39.92	32.62	54.00	-14.08	7.30	Average	Horizontal
3	PK16650.000	55.59	39.27	74.00	-18.41	16.32	Peak	Horizontal
4	PP16650.000	47.16	30.84	54.00	-6.84	16.32	Average	Horizontal





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11100.000	50.53	42.79	74.00	-23.47	7.74	Peak	Vertical
2	11100.000	41.44	33.70	54.00	-12.56	7.74	Average	Vertical
3	PK16657.000	53.56	39.06	74.00	-20.44	14.50	Peak	Vertical
4	PP16657.000	45.02	30.52	54.00	-8.98	14.50	Average	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



5G WIFI-RU

802.11ax (20MHz) (RU242):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	56.36	57.29	74	-17.64	34.77	9.81	45.51	100	105	Peak
5460	47.8	48.73	54	-6.2	34.77	9.81	45.51	100	105	Average
5470	54.25	55.17	68.2	-13.95	34.78	9.81	45.51	100	105	Peak
5500	92.67	93.57	/	/	34.8	9.8	45.5	100	105	Peak
5500	84.11	85.01	/	/	34.8	9.8	45.5	100	105	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.2	54.3	74	-20.8	34.6	9.81	45.51	108	77	Peak
5460	47.11	48.21	54	-6.89	34.6	9.81	45.51	108	77	Average
5470	54.05	55.15	68.2	-14.15	34.6	9.81	45.51	108	77	Peak
5500	96.95	98.05	/	/	34.6	9.8	45.5	108	77	Peak
5500	87.75	88.85	/	/	34.6	9.8	45.5	108	77	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5500MHz: Fundamental frequency.
- #: Out of restricted band.



802.11ax (20MHz) (RU242):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.15	55.08	74	-19.85	34.77	9.81	45.51	100	105	Peak
5460	47.97	48.9	54	-6.03	34.77	9.81	45.51	100	105	Average
5470	54.38	55.3	68.2	-13.82	34.78	9.81	45.51	100	105	Peak
5580	92	92.77	/	/	34.9	9.83	45.5	100	105	Peak
5580	83.83	84.6	/	/	34.9	9.83	45.5	100	105	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	55.09	56.19	74	-18.91	34.6	9.81	45.51	108	77	Peak
5460	47.61	48.71	54	-6.39	34.6	9.81	45.51	108	77	Average
5470	54.2	55.3	68.2	-14	34.6	9.81	45.51	108	77	Peak
5580	97.09	98.06	/	/	34.7	9.83	45.5	108	77	Peak
5580	88.51	89.48	/	/	34.7	9.83	45.5	108	77	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5580MHz: Fundamental frequency.
- #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	93.83	94.42	/	/	35.04	9.87	45.5	100	105	Peak
5700	85.45	86.04	/	/	35.04	9.87	45.5	100	105	Average
5725	55.99	56.54	68.2	-12.21	35.07	9.88	45.5	100	105	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	98.76	99.55	/	/	34.84	9.87	45.5	108	77	Peak
5700	90.26	91.05	/	/	34.84	9.87	45.5	108	77	Average
5725	56.06	56.81	68.2	-12.14	34.87	9.88	45.5	108	77	Peak

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5700MHz: Fundamental frequency.
- #: Out of restricted band.