



802.11n (40MHz)

CHANNEL	TX Channel 54	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
5150	55.27	57.58	74	-18.73	34.52	9.52	46.35	100	115	Peak
5150	49.51	51.82	54	-4.49	34.52	9.52	46.35	100	115	Average
5270	83.85	85.78	-	-	34.62	9.77	46.32	100	115	Peak
5270	74.71	76.64	-	-	34.62	9.77	46.32	100	115	Average
5350	54.35	56.03	74	-19.65	34.68	9.94	46.3	100	115	Peak
5350	47.52	49.2	54	-6.48	34.68	9.94	46.3	100	115	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
5150	55.08	57.31	74	-18.92	34.6	9.52	46.35	195	360	Peak
5150	48.7	50.93	54	-5.3	34.6	9.52	46.35	195	360	Average
5270	88.33	90.28	-	-	34.6	9.77	46.32	195	360	Peak
5270	80.11	82.06	-	-	34.6	9.77	46.32	195	360	Average
5350	53.91	55.67	74	-20.09	34.6	9.94	46.3	195	360	Peak
5350	47.36	49.12	54	-6.64	34.6	9.94	46.3	195	360	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5270MHz: Fundamental frequency.



CHANNEL	TX Channel 62	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
5150	53.97	56.28	74	-20.03	34.52	9.52	46.35	100	115	Peak
5150	49.03	51.34	54	-4.97	34.52	9.52	46.35	100	115	Average
5310	85.03	86.84	-	-	34.65	9.85	46.31	100	115	Peak
5310	75.39	77.2	-	-	34.65	9.85	46.31	100	115	Average
5350	53.58	55.26	74	-20.42	34.68	9.94	46.3	100	115	Peak
5350	48.02	49.7	54	-5.98	34.68	9.94	46.3	100	115	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
5150	54.1	56.33	74	-19.9	34.6	9.52	46.35	105	25	Peak
5150	48.67	50.9	54	-5.33	34.6	9.52	46.35	105	25	Average
5310	85.6	87.46	-	-	34.6	9.85	46.31	105	25	Peak
5310	78.04	79.9	-	-	34.6	9.85	46.31	105	25	Average
5350	54.59	56.35	74	-19.41	34.6	9.94	46.3	105	25	Peak
5350	47.17	48.93	54	-6.83	34.6	9.94	46.3	105	25	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5310MHz: Fundamental frequency.



802.11ac (20MHz)

CHANNEL	TX Channel 52	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
5150	55.5	57.81	74	-18.5	34.52	9.52	46.35	100	293	Peak
5150	49.59	51.9	54	-4.41	34.52	9.52	46.35	100	293	Average
5260	96.68	98.64	-	-	34.61	9.75	46.32	100	293	Peak
5260	90.12	92.08	-	-	34.61	9.75	46.32	100	293	Average
5350	53.89	55.57	74	-20.11	34.68	9.94	46.3	100	293	Peak
5350	48.62	50.3	54	-5.38	34.68	9.94	46.3	100	293	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
5150	55.53	57.76	74	-18.47	34.6	9.52	46.35	100	63	Peak
5150	49.5	51.73	54	-4.5	34.6	9.52	46.35	100	63	Average
5260	101.22	103.19	-	-	34.6	9.75	46.32	100	63	Peak
5260	95.01	96.98	-	-	34.6	9.75	46.32	100	63	Average
5350	53.74	55.5	74	-20.26	34.6	9.94	46.3	100	63	Peak
5350	48.61	50.37	54	-5.39	34.6	9.94	46.3	100	63	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	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
5150	55.96	58.27	74	-18.04	34.52	9.52	46.35	100	293	Peak
5150	49.66	51.97	54	-4.34	34.52	9.52	46.35	100	293	Average
5300	97.1	98.94	-	-	34.64	9.83	46.31	100	293	Peak
5300	89.89	91.73	-	-	34.64	9.83	46.31	100	293	Average
5350	54.41	56.09	74	-19.59	34.68	9.94	46.3	100	293	Peak
5350	48.67	50.35	54	-5.33	34.68	9.94	46.3	100	293	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
5150	54.04	56.27	74	-19.96	34.6	9.52	46.35	100	173	Peak
5150	49.25	51.48	54	-4.75	34.6	9.52	46.35	100	173	Average
5300	101.97	103.85	-	-	34.6	9.83	46.31	100	173	Peak
5300	95.64	97.52	-	-	34.6	9.83	46.31	100	173	Average
5350	55.15	56.91	74	-18.85	34.6	9.94	46.3	100	173	Peak
5350	48.92	50.68	54	-5.08	34.6	9.94	46.3	100	173	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5300MHz: Fundamental frequency.



CHANNEL	TX Channel 64	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
5150	56.87	59.18	74	-17.13	34.52	9.52	46.35	129	285	Peak
5150	49.84	52.15	54	-4.16	34.52	9.52	46.35	129	285	Average
5320	98.31	100.07	-	-	34.66	9.88	46.3	129	285	Peak
5320	91.7	93.46	-	-	34.66	9.88	46.3	129	285	Average
5350	54.06	55.74	74	-19.94	34.68	9.94	46.3	129	285	Peak
5350	48.62	50.3	54	-5.38	34.68	9.94	46.3	129	285	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
5150	56.82	59.05	74	-17.18	34.6	9.52	46.35	100	173	Peak
5150	49.3	51.53	54	-4.7	34.6	9.52	46.35	100	173	Average
5320	101.61	103.43	-	-	34.6	9.88	46.3	100	173	Peak
5320	95.35	97.17	-	-	34.6	9.88	46.3	100	173	Average
5350	55	56.76	74	-19	34.6	9.94	46.3	100	173	Peak
5350	48.72	50.48	54	-5.28	34.6	9.94	46.3	100	173	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5320MHz: Fundamental frequency.



802.11ac (40MHz)

CHANNEL	TX Channel 54	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
5150	55.29	57.6	74	-18.71	34.52	9.52	46.35	100	110	Peak
5150	48.85	51.16	54	-5.15	34.52	9.52	46.35	100	110	Average
5270	84.15	86.08	-	-	34.62	9.77	46.32	100	110	Peak
5270	74.57	76.5	-	-	34.62	9.77	46.32	100	110	Average
5350	53.58	55.26	74	-20.42	34.68	9.94	46.3	100	110	Peak
5350	48.21	49.89	54	-5.79	34.68	9.94	46.3	100	110	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
5150	55	57.23	74	-19	34.6	9.52	46.35	100	360	Peak
5150	48.88	51.11	54	-5.12	34.6	9.52	46.35	100	360	Average
5270	86.19	88.14	-	-	34.6	9.77	46.32	100	360	Peak
5270	77.67	79.62	-	-	34.6	9.77	46.32	100	360	Average
5350	55.19	56.95	74	-18.81	34.6	9.94	46.3	100	360	Peak
5350	48.21	49.97	54	-5.79	34.6	9.94	46.3	100	360	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5270MHz: Fundamental frequency.



CHANNEL	TX Channel 62	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
5150	54.73	57.04	74	-19.27	34.52	9.52	46.35	100	0	Peak
5150	49	51.31	54	-5	34.52	9.52	46.35	100	0	Average
5310	89.83	91.64	-	-	34.65	9.85	46.31	100	0	Peak
5310	81.99	83.8	-	-	34.65	9.85	46.31	100	0	Average
5350	53.07	54.75	74	-20.93	34.68	9.94	46.3	100	0	Peak
5350	47.87	49.55	54	-6.13	34.68	9.94	46.3	100	0	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
5150	54.62	56.85	74	-19.38	34.6	9.52	46.35	150	360	Peak
5150	48.48	50.71	54	-5.52	34.6	9.52	46.35	150	360	Average
5310	83.57	85.43	-	-	34.6	9.85	46.31	150	360	Peak
5310	75.93	77.79	-	-	34.6	9.85	46.31	150	360	Average
5350	53.83	55.59	74	-20.17	34.6	9.94	46.3	150	360	Peak
5350	46.89	48.65	54	-7.11	34.6	9.94	46.3	150	360	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5310MHz: Fundamental frequency.



802.11ac (80MHz)

CHANNEL	TX Channel 58	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
5150	53.8	56.11	74	-20.2	34.52	9.52	46.35	100	0	Peak
5150	49.27	51.58	54	-4.73	34.52	9.52	46.35	100	0	Average
5290	88.66	90.53	-	-	34.63	9.81	46.31	100	0	Peak
5290	81.44	83.31	-	-	34.63	9.81	46.31	100	0	Average
5350	52.54	54.22	74	-21.46	34.68	9.94	46.3	100	0	Peak
5350	46.86	48.54	54	-7.14	34.68	9.94	46.3	100	0	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
5150	55.35	57.58	74	-18.65	34.6	9.52	46.35	100	20	Peak
5150	48.69	50.92	54	-5.31	34.6	9.52	46.35	100	20	Average
5290	91.12	93.02	-	-	34.6	9.81	46.31	100	20	Peak
5290	82.26	84.16	-	-	34.6	9.81	46.31	100	20	Average
5350	53.11	54.87	74	-20.89	34.6	9.94	46.3	100	20	Peak
5350	46.63	48.39	54	-7.37	34.6	9.94	46.3	100	20	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5290MHz: Fundamental frequency.



802.11ax (20MHz)

CHANNEL	TX Channel 52	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
5150	52.6	54.91	74	-21.4	34.52	9.52	46.35	500	295	Peak
5150	47.77	50.08	54	-6.23	34.52	9.52	46.35	500	295	Average
5260	94.54	96.5	-	-	34.61	9.75	46.32	500	295	Peak
5260	85.11	87.07	-	-	34.61	9.75	46.32	500	295	Average
5350	53.88	55.56	74	-20.12	34.68	9.94	46.3	500	295	Peak
5350	46.41	48.09	54	-7.59	34.68	9.94	46.3	500	295	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
5150	52.82	55.05	74	-21.18	34.6	9.52	46.35	100	30	Peak
5150	48.32	50.55	54	-5.68	34.6	9.52	46.35	100	30	Average
5260	101.43	103.4	-	-	34.6	9.75	46.32	100	30	Peak
5260	93.06	95.03	-	-	34.6	9.75	46.32	100	30	Average
5350	53.04	54.8	74	-20.96	34.6	9.94	46.3	100	30	Peak
5350	47.15	48.91	54	-6.85	34.6	9.94	46.3	100	30	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5260MHz: Fundamental frequency.

CHANNEL	TX Channel 60	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
5150	53.59	55.9	74	-20.41	34.52	9.52	46.35	200	295	Peak
5150	47.64	49.95	54	-6.36	34.52	9.52	46.35	200	295	Average
5300	94.01	95.85	-	-	34.64	9.83	46.31	200	295	Peak
5300	85.12	86.96	-	-	34.64	9.83	46.31	200	295	Average
5350	54.76	56.44	74	-19.24	34.68	9.94	46.3	200	295	Peak
5350	47.03	48.71	54	-6.97	34.68	9.94	46.3	200	295	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
5150	52.87	55.1	74	-21.13	34.6	9.52	46.35	100	30	Peak
5150	47.84	50.07	54	-6.16	34.6	9.52	46.35	100	30	Average
5300	98.65	100.53	-	-	34.6	9.83	46.31	100	30	Peak
5300	89.42	91.3	-	-	34.6	9.83	46.31	100	30	Average
5350	52.55	54.31	74	-21.45	34.6	9.94	46.3	100	30	Peak
5350	47.29	49.05	54	-6.71	34.6	9.94	46.3	100	30	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5300MHz: Fundamental frequency.



CHANNEL	TX Channel 64	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
5150	52.27	54.58	74	-21.73	34.52	9.52	46.35	100	300	Peak
5150	47.21	49.52	54	-6.79	34.52	9.52	46.35	100	300	Average
5320	94.67	96.43	-	-	34.66	9.88	46.3	100	300	Peak
5320	84.43	86.19	-	-	34.66	9.88	46.3	100	300	Average
5350	54.16	55.84	74	-19.84	34.68	9.94	46.3	100	300	Peak
5350	46.97	48.65	54	-7.03	34.68	9.94	46.3	100	300	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
5150	52.71	54.94	74	-21.29	34.6	9.52	46.35	100	160	Peak
5150	48.07	50.3	54	-5.93	34.6	9.52	46.35	100	160	Average
5320	98.02	99.84	-	-	34.6	9.88	46.3	100	160	Peak
5320	89.46	91.28	-	-	34.6	9.88	46.3	100	160	Average
5350	52.47	54.23	74	-21.53	34.6	9.94	46.3	100	160	Peak
5350	47.18	48.94	54	-6.82	34.6	9.94	46.3	100	160	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5320MHz: Fundamental frequency.



802.11ax (40MHz)

CHANNEL	TX Channel 54	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
5150	53.37	55.68	74	-20.63	34.52	9.52	46.35	100	360	Peak
5150	48.83	51.14	54	-5.17	34.52	9.52	46.35	100	360	Average
5270	90.71	92.64	-	-	34.62	9.77	46.32	100	360	Peak
5270	83.05	84.98	-	-	34.62	9.77	46.32	100	360	Average
5350	53.09	54.77	74	-20.91	34.68	9.94	46.3	100	360	Peak
5350	46.96	48.64	54	-7.04	34.68	9.94	46.3	100	360	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
5150	54.7	56.93	74	-19.3	34.6	9.52	46.35	150	360	Peak
5150	48.37	50.6	54	-5.63	34.6	9.52	46.35	150	360	Average
5270	93.09	95.04	-	-	34.6	9.77	46.32	150	360	Peak
5270	85.49	87.44	-	-	34.6	9.77	46.32	150	360	Average
5350	52.45	54.21	74	-21.55	34.6	9.94	46.3	150	360	Peak
5350	47.9	49.66	54	-6.1	34.6	9.94	46.3	150	360	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5270MHz: Fundamental frequency.



CHANNEL	TX Channel 62	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
5150	53.41	55.64	74	-20.59	34.6	9.52	46.35	150	360	Peak
5150	48.6	50.83	54	-5.4	34.6	9.52	46.35	150	360	Average
5310	84.05	85.91	-	-	34.6	9.85	46.31	150	360	Peak
5310	75.28	77.14	-	-	34.6	9.85	46.31	150	360	Average
5350	53.42	55.18	74	-20.58	34.6	9.94	46.3	150	360	Peak
5350	47.15	48.91	54	-6.85	34.6	9.94	46.3	150	360	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
5150	53.41	55.64	74	-20.59	34.6	9.52	46.35	150	360	Peak
5150	48.6	50.83	54	-5.4	34.6	9.52	46.35	150	360	Average
5310	84.05	85.91	-	-	34.6	9.85	46.31	150	360	Peak
5310	75.28	77.14	-	-	34.6	9.85	46.31	150	360	Average
5350	53.42	55.18	74	-20.58	34.6	9.94	46.3	150	360	Peak
5350	47.15	48.91	54	-6.85	34.6	9.94	46.3	150	360	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5310MHz: Fundamental frequency.



802.11ax (80MHz)

CHANNEL	TX Channel 58	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
5150	53.87	56.18	74	-20.13	34.52	9.52	46.35	100	0	Peak
5150	48.62	50.93	54	-5.38	34.52	9.52	46.35	100	0	Average
5290	88.06	89.93	-	-	34.63	9.81	46.31	100	0	Peak
5290	81.77	83.64	-	-	34.63	9.81	46.31	100	0	Average
5350	54.43	56.11	74	-19.57	34.68	9.94	46.3	100	0	Peak
5350	47.67	49.35	54	-6.33	34.68	9.94	46.3	100	0	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
5150	54.02	56.25	74	-19.98	34.6	9.52	46.35	100	35	Peak
5150	48.85	51.08	54	-5.15	34.6	9.52	46.35	100	35	Average
5290	82.07	83.97	-	-	34.6	9.81	46.31	100	35	Peak
5290	72.97	74.87	-	-	34.6	9.81	46.31	100	35	Average
5350	53.35	55.11	74	-20.65	34.6	9.94	46.3	100	35	Peak
5350	46.83	48.59	54	-7.17	34.6	9.94	46.3	100	35	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5290MHz: Fundamental frequency.



ABOVE 1GHz WORST-CASE DATA Ant 0+1:

802.11ac (20MHz)

CHANNEL	TX Channel 52	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
5150	55.74	58.05	74	-18.26	34.52	9.52	46.35	129	285	Peak
5150	49.68	51.99	54	-4.32	34.52	9.52	46.35	129	285	Average
5260	103.11	105.07	-	-	34.61	9.75	46.32	129	285	Peak
5260	95.95	97.91	-	-	34.61	9.75	46.32	129	285	Average
5350	55.22	56.9	74	-18.78	34.68	9.94	46.3	129	285	Peak
5350	48.51	50.19	54	-5.49	34.68	9.94	46.3	129	285	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
5150	54.91	57.14	74	-19.09	34.6	9.52	46.35	112	65	Peak
5150	49.74	51.97	54	-4.26	34.6	9.52	46.35	112	65	Average
5260	105.28	107.25	-	-	34.6	9.75	46.32	112	65	Peak
5260	97.63	99.6	-	-	34.6	9.75	46.32	112	65	Average
5350	54.13	55.89	74	-19.87	34.6	9.94	46.3	112	65	Peak
5350	48.5	50.26	54	-5.5	34.6	9.94	46.3	112	65	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5260MHz: Fundamental frequency.



CHANNEL	TX Channel 60	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
5150	54.64	56.95	74	-19.36	34.52	9.52	46.35	100	90	Peak
5150	49.62	51.93	54	-4.38	34.52	9.52	46.35	100	90	Average
5300	103.04	104.88	-	-	34.64	9.83	46.31	100	90	Peak
5300	96.22	98.06	-	-	34.64	9.83	46.31	100	90	Average
5350	56.34	58.02	74	-17.66	34.68	9.94	46.3	100	90	Peak
5350	48.84	50.52	54	-5.16	34.68	9.94	46.3	100	90	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
5150	56.34	58.57	74	-17.66	34.6	9.52	46.35	112	65	Peak
5150	50.01	52.24	54	-3.99	34.6	9.52	46.35	112	65	Average
5300	104.81	106.69	-	-	34.6	9.83	46.31	112	65	Peak
5300	97.06	98.94	-	-	34.6	9.83	46.31	112	65	Average
5350	55.9	57.66	74	-18.1	34.6	9.94	46.3	112	65	Peak
5350	48.66	50.42	54	-5.34	34.6	9.94	46.3	112	65	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5300MHz: Fundamental frequency.



CHANNEL	TX Channel 64	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
5150	57.19	59.5	74	-16.81	34.52	9.52	46.35	100	90	Peak
5150	49.5	51.81	54	-4.5	34.52	9.52	46.35	100	90	Average
5320	103.35	105.11	-	-	34.66	9.88	46.3	100	90	Peak
5320	96.6	98.36	-	-	34.66	9.88	46.3	100	90	Average
5350	59.36	61.04	74	-14.64	34.68	9.94	46.3	100	90	Peak
5350	49.32	51	54	-4.68	34.68	9.94	46.3	100	90	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
5150	54.9	57.13	74	-19.1	34.6	9.52	46.35	100	172	Peak
5150	50.02	52.25	54	-3.98	34.6	9.52	46.35	100	172	Average
5320	105	106.82	-	-	34.6	9.88	46.3	100	172	Peak
5320	97.11	98.93	-	-	34.6	9.88	46.3	100	172	Average
5350	57.16	58.92	74	-16.84	34.6	9.94	46.3	100	172	Peak
5350	49.37	51.13	54	-4.63	34.6	9.94	46.3	100	172	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5320MHz: Fundamental frequency.



802.11ac (40MHz)

CHANNEL	TX Channel 54	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
5150	56.2	58.51	74	-17.8	34.52	9.52	46.35	110	300	Peak
5150	48.89	51.2	54	-5.11	34.52	9.52	46.35	110	300	Average
5270	84.94	86.87	-	-	34.62	9.77	46.32	110	300	Peak
5270	76.6	78.53	-	-	34.62	9.77	46.32	110	300	Average
5350	53.59	55.27	74	-20.41	34.68	9.94	46.3	110	300	Peak
5350	47.79	49.47	54	-6.21	34.68	9.94	46.3	110	300	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
5150	52.12	54.35	74	-21.88	34.6	9.52	46.35	120	330	Peak
5150	49.79	52.02	54	-4.21	34.6	9.52	46.35	120	330	Average
5270	86.67	88.62	-	-	34.6	9.77	46.32	120	330	Peak
5270	78.3	80.25	-	-	34.6	9.77	46.32	120	330	Average
5350	53.67	55.43	74	-20.33	34.6	9.94	46.3	120	330	Peak
5350	47.73	49.49	54	-6.27	34.6	9.94	46.3	120	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5270MHz: Fundamental frequency.



CHANNEL	TX Channel 62	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
5150	53.82	56.13	74	-20.18	34.52	9.52	46.35	110	300	Peak
5150	48.68	50.99	54	-5.32	34.52	9.52	46.35	110	300	Average
5310	84.22	86.03	-	-	34.65	9.85	46.31	110	300	Peak
5310	76.39	78.2	-	-	34.65	9.85	46.31	110	300	Average
5350	52.38	54.06	74	-21.62	34.68	9.94	46.3	110	300	Peak
5350	47.24	48.92	54	-6.76	34.68	9.94	46.3	110	300	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
5150	54.51	56.74	74	-19.49	34.6	9.52	46.35	120	330	Peak
5150	48.74	50.97	54	-5.26	34.6	9.52	46.35	120	330	Average
5310	85.14	87	-	-	34.6	9.85	46.31	120	330	Peak
5310	77.82	79.68	-	-	34.6	9.85	46.31	120	330	Average
5350	53.07	54.83	74	-20.93	34.6	9.94	46.3	120	330	Peak
5350	47.46	49.22	54	-6.54	34.6	9.94	46.3	120	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5310MHz: Fundamental frequency.



802.11ac (80MHz)

CHANNEL	TX Channel 58	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
5150	55.43	57.74	74	-18.57	34.52	9.52	46.35	120	300	Peak
5150	49.45	51.76	54	-4.55	34.52	9.52	46.35	120	300	Average
5290	81.57	83.44	-	-	34.63	9.81	46.31	120	300	Peak
5290	73.26	75.13	-	-	34.63	9.81	46.31	120	300	Average
5350	52.3	53.98	74	-21.7	34.68	9.94	46.3	120	300	Peak
5350	47.24	48.92	54	-6.76	34.68	9.94	46.3	120	300	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
5150	55.44	57.67	74	-18.56	34.6	9.52	46.35	120	330	Peak
5150	48.68	50.91	54	-5.32	34.6	9.52	46.35	120	330	Average
5290	82.14	84.04	-	-	34.6	9.81	46.31	120	330	Peak
5290	76.76	78.66	-	-	34.6	9.81	46.31	120	330	Average
5350	53.26	55.02	74	-20.74	34.6	9.94	46.3	120	330	Peak
5350	47.39	49.15	54	-6.61	34.6	9.94	46.3	120	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5290MHz: Fundamental frequency.



802.11ax (20MHz)

CHANNEL	TX Channel 52	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
5150	52.5	54.81	74	-21.5	34.52	9.52	46.35	120	295	Peak
5150	47.39	49.7	54	-6.61	34.52	9.52	46.35	120	295	Average
5260	94.67	96.63	-	-	34.61	9.75	46.32	120	295	Peak
5260	86.49	88.45	-	-	34.61	9.75	46.32	120	295	Average
5350	54.03	55.71	74	-19.97	34.68	9.94	46.3	120	295	Peak
5350	47.23	48.91	54	-6.77	34.68	9.94	46.3	120	295	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
5150	53.42	55.65	74	-20.58	34.6	9.52	46.35	100	65	Peak
5150	47.73	49.96	54	-6.27	34.6	9.52	46.35	100	65	Average
5260	97.5	99.47	-	-	34.6	9.75	46.32	100	65	Peak
5260	88.74	90.71	-	-	34.6	9.75	46.32	100	65	Average
5350	52.87	54.63	74	-21.13	34.6	9.94	46.3	100	65	Peak
5350	47.27	49.03	54	-6.73	34.6	9.94	46.3	100	65	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5260MHz: Fundamental frequency.



CHANNEL	TX Channel 60	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
5150	53.46	55.77	74	-20.54	34.52	9.52	46.35	125	295	Peak
5150	47.37	49.68	54	-6.63	34.52	9.52	46.35	125	295	Average
5300	95.43	97.27	-	-	34.64	9.83	46.31	125	295	Peak
5300	87.12	88.96	-	-	34.64	9.83	46.31	125	295	Average
5350	52.91	54.59	74	-21.09	34.68	9.94	46.3	125	295	Peak
5350	46.66	48.34	54	-7.34	34.68	9.94	46.3	125	295	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
5150	53.65	55.88	74	-20.35	34.6	9.52	46.35	100	65	Peak
5150	47.01	49.24	54	-6.99	34.6	9.52	46.35	100	65	Average
5300	98.06	99.94	-	-	34.6	9.83	46.31	100	65	Peak
5300	88.32	90.2	-	-	34.6	9.83	46.31	100	65	Average
5350	53.29	55.05	74	-20.71	34.6	9.94	46.3	100	65	Peak
5350	46.59	48.35	54	-7.41	34.6	9.94	46.3	100	65	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5300MHz: Fundamental frequency.



CHANNEL	TX Channel 64	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
5150	53.72	56.03	74	-20.28	34.52	9.52	46.35	125	295	Peak
5150	47.68	49.99	54	-6.32	34.52	9.52	46.35	125	295	Average
5320	94.66	96.42	-	-	34.66	9.88	46.3	125	295	Peak
5320	86.31	88.07	-	-	34.66	9.88	46.3	125	295	Average
5350	52.24	53.92	74	-21.76	34.68	9.94	46.3	125	295	Peak
5350	47.16	48.84	54	-6.84	34.68	9.94	46.3	125	295	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
5150	52.5	54.73	74	-21.5	34.6	9.52	46.35	100	65	Peak
5150	47.43	49.66	54	-6.57	34.6	9.52	46.35	100	65	Average
5320	96.34	98.16	-	-	34.6	9.88	46.3	100	65	Peak
5320	86.86	88.68	-	-	34.6	9.88	46.3	100	65	Average
5350	53.79	55.55	74	-20.21	34.6	9.94	46.3	100	65	Peak
5350	46.95	48.71	54	-7.05	34.6	9.94	46.3	100	65	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5320MHz: Fundamental frequency.



802.11ax (40MHz)

CHANNEL	TX Channel 54	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
5150	54.44	56.75	74	-19.56	34.52	9.52	46.35	120	300	Peak
5150	50.07	52.38	54	-3.93	34.52	9.52	46.35	120	300	Average
5270	82.4	84.33	-	-	34.62	9.77	46.32	120	300	Peak
5270	74.61	76.54	-	-	34.62	9.77	46.32	120	300	Average
5350	55.48	57.16	74	-18.52	34.68	9.94	46.3	120	300	Peak
5350	46.79	48.47	54	-7.21	34.68	9.94	46.3	120	300	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
5150	54.24	56.47	74	-19.76	34.6	9.52	46.35	120	330	Peak
5150	48.48	50.71	54	-5.52	34.6	9.52	46.35	120	330	Average
5270	85.23	87.18	-	-	34.6	9.77	46.32	120	330	Peak
5270	77.45	79.4	-	-	34.6	9.77	46.32	120	330	Average
5350	52.78	54.54	74	-21.22	34.6	9.94	46.3	120	330	Peak
5350	47.44	49.2	54	-6.56	34.6	9.94	46.3	120	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5270MHz: Fundamental frequency.



CHANNEL	TX Channel 62	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
5150	53.51	55.82	74	-20.49	34.52	9.52	46.35	100	300	Peak
5150	49.08	51.39	54	-4.92	34.52	9.52	46.35	100	300	Average
5310	83.62	85.43	-	-	34.65	9.85	46.31	100	300	Peak
5310	74.87	76.68	-	-	34.65	9.85	46.31	100	300	Average
5350	54.14	55.82	74	-19.86	34.68	9.94	46.3	100	300	Peak
5350	47.62	49.3	54	-6.38	34.68	9.94	46.3	100	300	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
5150	53.44	55.67	74	-20.56	34.6	9.52	46.35	120	330	Peak
5150	49.33	51.56	54	-4.67	34.6	9.52	46.35	120	330	Average
5310	85.1	86.96	-	-	34.6	9.85	46.31	120	330	Peak
5310	76.58	78.44	-	-	34.6	9.85	46.31	120	330	Average
5350	53.01	54.77	74	-20.99	34.6	9.94	46.3	120	330	Peak
5350	47.85	49.61	54	-6.15	34.6	9.94	46.3	120	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5310MHz: Fundamental frequency.



802.11ax (80MHz)

CHANNEL	TX Channel 58	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
5150	54.12	56.43	74	-19.88	34.52	9.52	46.35	100	300	Peak
5150	47.97	50.28	54	-6.03	34.52	9.52	46.35	100	300	Average
5290	80.19	82.06	-	-	34.63	9.81	46.31	100	300	Peak
5290	73.15	75.02	-	-	34.63	9.81	46.31	100	300	Average
5350	52.45	54.13	74	-21.55	34.68	9.94	46.3	100	300	Peak
5350	47.4	49.08	54	-6.6	34.68	9.94	46.3	100	300	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
5150	54.5	56.73	74	-19.5	34.6	9.52	46.35	120	330	Peak
5150	49.41	51.64	54	-4.59	34.6	9.52	46.35	120	330	Average
5290	83.12	85.02	-	-	34.6	9.81	46.31	120	330	Peak
5290	74.49	76.39	-	-	34.6	9.81	46.31	120	330	Average
5350	54.98	56.74	74	-19.02	34.6	9.94	46.3	120	330	Peak
5350	48.48	50.24	54	-5.52	34.6	9.94	46.3	120	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5290MHz: Fundamental frequency.



Band 3

ABOVE 1GHz WORST-CASE DATA Ant 0:

802.11a

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	53.96	55.28	74	-20.04	34.77	10.17	46.26	100	90	Peak
5460	47.35	48.67	54	-6.65	34.77	10.17	46.26	100	90	Average
5470	54.83	56.12	68.3	-13.47	34.78	10.19	46.26	100	90	Peak
5500	97.74	98.93	-	-	34.8	10.26	46.25	100	90	Peak
5500	89.53	90.72	-	-	34.8	10.26	46.25	100	90	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	53.99	55.48	74	-20.01	34.6	10.17	46.26	102	330	Peak
5460	47.49	48.98	54	-6.51	34.6	10.17	46.26	102	330	Average
5470	53.28	54.75	68.3	-15.02	34.6	10.19	46.26	102	330	Peak
5500	94.82	96.21	-	-	34.6	10.26	46.25	102	330	Peak
5500	87.98	89.37	-	-	34.6	10.26	46.25	102	330	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: 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	53.61	54.93	74	-20.39	34.77	10.17	46.26	100	90	Peak
5460	48.81	50.13	54	-5.19	34.77	10.17	46.26	100	90	Average
5470	55.39	56.68	68.3	-12.91	34.78	10.19	46.26	100	90	Peak
5580	98.59	99.33	-	-	34.9	10.59	46.23	100	90	Peak
5580	91.74	92.48	-	-	34.9	10.59	46.23	100	90	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	54.75	56.24	74	-19.25	34.6	10.17	46.26	100	330	Peak
5460	47.59	49.08	54	-6.41	34.6	10.17	46.26	100	330	Average
5470	54.03	55.5	68.3	-14.27	34.6	10.19	46.26	100	330	Peak
5580	94.75	95.69	-	-	34.7	10.59	46.23	100	330	Peak
5580	86.28	87.22	-	-	34.7	10.59	46.23	100	330	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	102.51	102.57	–	–	35.04	11.09	46.19	200	90	Peak
5700	95.95	96.01	–	–	35.04	11.09	46.19	200	90	Average
5725	57.65	57.57	68.3	-10.65	35.07	11.2	46.19	200	90	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	96.75	97.01	–	–	34.84	11.09	46.19	100	320	Peak
5700	89.08	89.34	–	–	34.84	11.09	46.19	100	320	Average
5725	56.85	56.97	68.3	-11.45	34.87	11.2	46.19	100	320	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.



**BUREAU
VERITAS**

Test Report No.: W7L-P21080021RF09

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	52.92	54.21	74	-21.08	34.78	10.19	46.26	200	90	Peak
5720	104.31	104.26	-	-	35.06	11.18	46.19	200	90	Peak
5720	97.25	97.2	-	-	35.06	11.18	46.19	200	90	Average
5850	56.98	56.19	68.3	-11.32	35.22	11.72	46.15	200	90	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	55.33	56.8	74	-18.67	34.6	10.19	46.26	100	320	Peak
5720	96.13	96.28	-	-	34.86	11.18	46.19	100	320	Peak
5720	89.73	89.88	-	-	34.86	11.18	46.19	100	320	Average
5850	56.72	56.13	68.3	-11.58	35.02	11.72	46.15	100	320	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 (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	55.63	56.95	74	-18.37	34.77	10.17	46.26	175	105	Peak
5460	47.87	49.19	54	-6.13	34.77	10.17	46.26	175	105	Average
5470	56	57.29	68.3	-12.3	34.78	10.19	46.26	175	105	Peak
5500	100.28	101.47	-	-	34.8	10.26	46.25	175	105	Peak
5500	91.73	92.92	-	-	34.8	10.26	46.25	175	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	53.94	55.43	74	-20.06	34.6	10.17	46.26	165	345	Peak
5460	48.08	49.57	54	-5.92	34.6	10.17	46.26	165	345	Average
5470	55.28	56.75	68.3	-13.02	34.6	10.19	46.26	165	345	Peak
5500	94.26	95.65	-	-	34.6	10.26	46.25	165	345	Peak
5500	86.61	88	-	-	34.6	10.26	46.25	165	345	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: 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	54.61	55.93	74	-19.39	34.77	10.17	46.26	100	90	Peak
5460	48.83	50.15	54	-5.17	34.77	10.17	46.26	100	90	Average
5470	54.88	56.17	68.3	-13.42	34.78	10.19	46.26	100	90	Peak
5580	99.03	99.77	–	–	34.9	10.59	46.23	100	90	Peak
5580	90.42	91.16	–	–	34.9	10.59	46.23	100	90	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	54.65	56.14	74	-19.35	34.6	10.17	46.26	100	330	Peak
5460	48.45	49.94	54	-5.55	34.6	10.17	46.26	100	330	Average
5470	52.58	54.05	68.3	-15.72	34.6	10.19	46.26	100	330	Peak
5580	95.29	96.23	–	–	34.7	10.59	46.23	100	330	Peak
5580	86.96	87.9	–	–	34.7	10.59	46.23	100	330	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	101.7	101.76	–	–	35.04	11.09	46.19	100	90	Peak
5700	92.84	92.9	–	–	35.04	11.09	46.19	100	90	Average
5725	57.88	57.8	68.3	-10.42	35.07	11.2	46.19	100	90	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	94.82	95.08	–	–	34.84	11.09	46.19	100	330	Peak
5700	85.11	85.37	–	–	34.84	11.09	46.19	100	330	Average
5725	58.16	58.28	68.3	-10.14	34.87	11.2	46.19	100	330	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	54.73	56.02	74	-19.27	34.78	10.19	46.26	100	90	Peak
5720	103.02	102.97	-	-	35.06	11.18	46.19	100	90	Peak
5720	92.59	92.54	-	-	35.06	11.18	46.19	100	90	Average
5850	55.67	54.88	68.3	-12.63	35.22	11.72	46.15	100	90	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	52.88	54.35	74	-21.12	34.6	10.19	46.26	100	330	Peak
5720	93.92	94.07	-	-	34.86	11.18	46.19	100	330	Peak
5720	83.68	83.83	-	-	34.86	11.18	46.19	100	330	Average
5850	57.74	57.15	68.3	-10.56	35.02	11.72	46.15	100	330	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	55.78	57.1	74	-18.22	34.77	10.17	46.26	100	95	Peak
5460	50.72	52.04	54	-3.28	34.77	10.17	46.26	100	95	Average
5470	59.09	60.38	68.3	-9.21	34.78	10.19	46.26	100	95	Peak
5510	95.4	96.54	-	-	34.81	10.3	46.25	100	95	Peak
5510	90.18	91.32	-	-	34.81	10.3	46.25	100	95	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	53.01	54.5	74	-20.99	34.6	10.17	46.26	100	340	Peak
5460	47.83	49.32	54	-6.17	34.6	10.17	46.26	100	340	Average
5470	54.63	56.1	68.3	-13.67	34.6	10.19	46.26	100	340	Peak
5510	92.73	94.07	-	-	34.61	10.3	46.25	100	340	Peak
5510	86.4	87.74	-	-	34.61	10.3	46.25	100	340	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	55.4	56.72	74	-18.6	34.77	10.17	46.26	100	95	Peak
5460	48.87	50.19	54	-5.13	34.77	10.17	46.26	100	95	Average
5470	54.18	55.47	68.3	-14.12	34.78	10.19	46.26	100	95	Peak
5550	96.5	97.41	-	-	34.86	10.47	46.24	100	95	Peak
5550	91.84	92.75	-	-	34.86	10.47	46.24	100	95	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	53.87	55.36	74	-20.13	34.6	10.17	46.26	100	330	Peak
5460	48.31	49.8	54	-5.69	34.6	10.17	46.26	100	330	Average
5470	53.54	55.01	68.3	-14.76	34.6	10.19	46.26	100	330	Peak
5550	95.53	96.64	-	-	34.66	10.47	46.24	100	330	Peak
5550	89.43	90.54	-	-	34.66	10.47	46.24	100	330	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	100.3	100.53	–	–	35	10.97	46.2	100	95	Peak
5670	95.47	95.7	–	–	35	10.97	46.2	100	95	Average
5725	60.74	60.66	68.3	-7.56	35.07	11.2	46.19	100	95	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	96.65	97.08	–	–	34.8	10.97	46.2	100	100	Peak
5670	90.69	91.12	–	–	34.8	10.97	46.2	100	100	Average
5725	61.53	61.65	68.3	-6.77	34.87	11.2	46.19	100	100	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	52.51	53.8	74	-21.49	34.78	10.19	46.26	100	100	Peak
5710	101.21	101.21	–	–	35.05	11.14	46.19	100	100	Peak
5710	95.8	95.8	–	–	35.05	11.14	46.19	100	100	Average
5850	56.67	55.88	68.3	-11.63	35.22	11.72	46.15	100	100	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	54.44	55.91	74	-19.56	34.6	10.19	46.26	100	100	Peak
5710	95.8	96	–	–	34.85	11.14	46.19	100	100	Peak
5710	90.65	90.85	–	–	34.85	11.14	46.19	100	100	Average
5850	56.8	56.21	68.3	-11.5	35.02	11.72	46.15	100	100	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	53.26	54.58	74	-20.74	34.77	10.17	46.26	100	90	Peak
5460	47.91	49.23	54	-6.09	34.77	10.17	46.26	100	90	Average
5470	53.42	54.71	68.3	-14.88	34.78	10.19	46.26	100	90	Peak
5500	95.04	96.23	-	-	34.8	10.26	46.25	100	90	Peak
5500	87.59	88.78	-	-	34.8	10.26	46.25	100	90	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	53.82	55.31	74	-20.18	34.6	10.17	46.26	100	330	Peak
5460	47.33	48.82	54	-6.67	34.6	10.17	46.26	100	330	Average
5470	56.8	58.27	68.3	-11.5	34.6	10.19	46.26	100	330	Peak
5500	91.85	93.24	-	-	34.6	10.26	46.25	100	330	Peak
5500	82.85	84.24	-	-	34.6	10.26	46.25	100	330	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	52.9	54.22	74	-21.1	34.77	10.17	46.26	100	90	Peak
5460	47.38	48.7	54	-6.62	34.77	10.17	46.26	100	90	Average
5470	53.51	54.8	68.3	-14.79	34.78	10.19	46.26	100	90	Peak
5580	95.83	96.57	–	–	34.9	10.59	46.23	100	90	Peak
5580	88.44	89.18	–	–	34.9	10.59	46.23	100	90	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	54.9	74	-20.59	34.6	10.17	46.26	100	330	Peak
5460	47.77	49.26	54	-6.23	34.6	10.17	46.26	100	330	Average
5470	53.59	55.06	68.3	-14.71	34.6	10.19	46.26	100	330	Peak
5580	92.31	93.25	–	–	34.7	10.59	46.23	100	330	Peak
5580	86.97	87.91	–	–	34.7	10.59	46.23	100	330	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	98.64	98.7	–	–	35.04	11.09	46.19	100	90	Peak
5700	90.73	90.79	–	–	35.04	11.09	46.19	100	90	Average
5725	57.12	57.04	68.3	-11.18	35.07	11.2	46.19	100	90	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	92.52	92.78	–	–	34.84	11.09	46.19	120	330	Peak
5700	84.03	84.29	–	–	34.84	11.09	46.19	120	330	Average
5725	55.95	56.07	68.3	-12.35	34.87	11.2	46.19	120	330	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	55.82	57.11	74	-18.18	34.78	10.19	46.26	120	90	Peak
5720	101.69	101.64	-	-	35.06	11.18	46.19	120	90	Peak
5720	92.91	92.86	-	-	35.06	11.18	46.19	120	90	Average
5850	56.73	55.94	68.3	-11.57	35.22	11.72	46.15	120	90	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	52.66	54.13	74	-21.34	34.6	10.19	46.26	145	330	Peak
5720	93.8	93.95	-	-	34.86	11.18	46.19	145	330	Peak
5720	84.89	85.04	-	-	34.86	11.18	46.19	145	330	Average
5850	56.02	55.43	68.3	-12.28	35.02	11.72	46.15	145	330	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	54.03	55.35	74	-19.97	34.77	10.17	46.26	100	100	Peak
5460	50.87	52.19	54	-3.13	34.77	10.17	46.26	100	100	Average
5470	57.96	59.25	68.3	-10.34	34.78	10.19	46.26	100	100	Peak
5510	96.01	97.15	-	-	34.81	10.3	46.25	100	100	Peak
5510	90.71	91.85	-	-	34.81	10.3	46.25	100	100	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	53.49	54.98	74	-20.51	34.6	10.17	46.26	115	340	Peak
5460	48.43	49.92	54	-5.57	34.6	10.17	46.26	115	340	Average
5470	54.87	56.34	68.3	-13.43	34.6	10.19	46.26	115	340	Peak
5510	92.26	93.6	-	-	34.61	10.3	46.25	115	340	Peak
5510	85.77	87.11	-	-	34.61	10.3	46.25	115	340	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	54.86	56.18	74	-19.14	34.77	10.17	46.26	190	100	Peak
5460	47.92	49.24	54	-6.08	34.77	10.17	46.26	190	100	Average
5470	54.65	55.94	68.3	-13.65	34.78	10.19	46.26	190	100	Peak
5550	96.24	97.15	–	–	34.86	10.47	46.24	190	100	Peak
5550	90.85	91.76	–	–	34.86	10.47	46.24	190	100	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	53.31	54.8	74	-20.69	34.6	10.17	46.26	100	320	Peak
5460	47.76	49.25	54	-6.24	34.6	10.17	46.26	100	320	Average
5470	52.99	54.46	68.3	-15.31	34.6	10.19	46.26	100	320	Peak
5550	92.36	93.47	–	–	34.66	10.47	46.24	100	320	Peak
5550	85.48	86.59	–	–	34.66	10.47	46.24	100	320	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	97.65	97.88	–	–	35	10.97	46.2	190	100	Peak
5670	93.42	93.65	–	–	35	10.97	46.2	190	100	Average
5725	55.92	55.84	68.3	-12.38	35.07	11.2	46.19	190	100	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	91.92	92.35	–	–	34.8	10.97	46.2	100	320	Peak
5670	88.63	89.06	–	–	34.8	10.97	46.2	100	320	Average
5725	55.36	55.48	68.3	-12.94	34.87	11.2	46.19	100	320	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5670MHz: Fundamental frequency.
3. #: 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	52.69	53.98	74	-21.31	34.78	10.19	46.26	100	100	Peak
5710	99.71	99.71	-	-	35.05	11.14	46.19	100	100	Peak
5710	94.1	94.1	-	-	35.05	11.14	46.19	100	100	Average
5850	56.79	56	68.3	-11.51	35.22	11.72	46.15	100	100	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	54.85	56.32	74	-19.15	34.6	10.19	46.26	105	320	Peak
5710	92.21	92.41	-	-	34.85	11.14	46.19	105	320	Peak
5710	87.98	88.18	-	-	34.85	11.14	46.19	105	320	Average
5850	55.89	55.3	68.3	-12.41	35.02	11.72	46.15	105	320	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 (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	55.47	56.79	74	-18.53	34.77	10.17	46.26	100	100	Peak
5460	50.5	51.82	54	-3.5	34.77	10.17	46.26	100	100	Average
5470	57.85	59.14	68.3	-10.45	34.78	10.19	46.26	100	100	Peak
5530	90.33	91.35	-	-	34.84	10.38	46.24	100	100	Peak
5530	84.34	85.36	-	-	34.84	10.38	46.24	100	100	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	54.53	74	-20.96	34.6	10.17	46.26	100	320	Peak
5460	47.67	49.16	54	-6.33	34.6	10.17	46.26	100	320	Average
5470	54.33	55.8	68.3	-13.97	34.6	10.19	46.26	100	320	Peak
5530	84.41	85.63	-	-	34.64	10.38	46.24	100	320	Peak
5530	80.47	81.69	-	-	34.64	10.38	46.24	100	320	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
5610	90.58	91.15	–	–	34.93	10.72	46.22	100	100	Peak
5610	86.04	86.61	–	–	34.93	10.72	46.22	100	100	Average
5725	54.49	54.41	68.3	-13.81	35.07	11.2	46.19	100	100	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
5610	89.92	90.69	–	–	34.73	10.72	46.22	100	320	Peak
5610	83.35	84.12	–	–	34.73	10.72	46.22	100	320	Average
5725	57.56	57.68	68.3	-10.74	34.87	11.2	46.19	100	320	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5610MHz: Fundamental frequency.
3. #: 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	52.73	54.02	74	-21.27	34.78	10.19	46.26	155	100	Peak
5690	92.6	92.72	-	-	35.03	11.05	46.2	155	100	Peak
5690	87.37	87.49	-	-	35.03	11.05	46.2	155	100	Average
5850	55.19	54.4	68.3	-13.11	35.22	11.72	46.15	155	100	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	56.15	57.62	74	-17.85	34.6	10.19	46.26	155	100	Peak
5690	90.17	90.49	-	-	34.83	11.05	46.2	155	100	Peak
5690	84.74	85.06	-	-	34.83	11.05	46.2	155	100	Average
5850	57.42	56.83	68.3	-10.88	35.02	11.72	46.15	155	100	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.

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	53.81	55.13	74	-20.19	34.77	10.17	46.26	190	105	Peak
5460	47.53	48.85	54	-6.47	34.77	10.17	46.26	190	105	Average
5470	54.7	55.99	68.3	-13.6	34.78	10.19	46.26	190	105	Peak
5500	99.31	100.5	-	-	34.8	10.26	46.25	190	105	Peak
5500	87.92	89.11	-	-	34.8	10.26	46.25	190	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	53.13	54.62	74	-20.87	34.6	10.17	46.26	102	330	Peak
5460	48.38	49.87	54	-5.62	34.6	10.17	46.26	102	330	Average
5470	53.57	55.04	68.3	-14.73	34.6	10.19	46.26	102	330	Peak
5500	93.2	94.59	-	-	34.6	10.26	46.25	102	330	Peak
5500	84.05	85.44	-	-	34.6	10.26	46.25	102	330	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: 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	53.46	54.78	74	-20.54	34.77	10.17	46.26	100	90	Peak
5460	47.59	48.91	54	-6.41	34.77	10.17	46.26	100	90	Average
5470	54.77	56.06	68.3	-13.53	34.78	10.19	46.26	100	90	Peak
5580	97.87	98.61	-	-	34.9	10.59	46.23	100	90	Peak
5580	88.92	89.66	-	-	34.9	10.59	46.23	100	90	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	54.35	55.84	74	-19.65	34.6	10.17	46.26	100	330	Peak
5460	47.09	48.58	54	-6.91	34.6	10.17	46.26	100	330	Average
5470	53.17	54.64	68.3	-15.13	34.6	10.19	46.26	100	330	Peak
5580	94	94.94	-	-	34.7	10.59	46.23	100	330	Peak
5580	84.41	85.35	-	-	34.7	10.59	46.23	100	330	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	98.53	98.59	–	–	35.04	11.09	46.19	100	90	Peak
5700	89.61	89.67	–	–	35.04	11.09	46.19	100	90	Average
5725	56.51	56.43	68.3	-11.79	35.07	11.2	46.19	100	90	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	94.33	94.59	–	–	34.84	11.09	46.19	100	330	Peak
5700	84.56	84.82	–	–	34.84	11.09	46.19	100	330	Average
5725	56.39	56.51	68.3	-11.91	34.87	11.2	46.19	100	330	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	55.87	57.16	74	-18.13	34.78	10.19	46.26	100	90	Peak
5720	100.64	100.59	-	-	35.06	11.18	46.19	100	90	Peak
5720	92.24	92.19	-	-	35.06	11.18	46.19	100	90	Average
5850	57.99	57.2	68.3	-10.31	35.22	11.72	46.15	100	90	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	55.71	57.18	74	-18.29	34.6	10.19	46.26	100	330	Peak
5720	94.37	94.52	-	-	34.86	11.18	46.19	100	330	Peak
5720	84.57	84.72	-	-	34.86	11.18	46.19	100	330	Average
5850	56.26	55.67	68.3	-12.04	35.02	11.72	46.15	100	330	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5720MHz: Fundamental frequency.
3. #: 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	53.38	54.7	74	-20.62	34.77	10.17	46.26	155	100	Peak
5460	48.44	49.76	54	-5.56	34.77	10.17	46.26	155	100	Average
5470	57.98	59.27	68.3	-10.32	34.78	10.19	46.26	155	100	Peak
5510	94.37	95.51	-	-	34.81	10.3	46.25	155	100	Peak
5510	87.71	88.85	-	-	34.81	10.3	46.25	155	100	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	54.48	55.97	74	-19.52	34.6	10.17	46.26	125	100	Peak
5460	49.38	50.87	54	-4.62	34.6	10.17	46.26	125	100	Average
5470	56.99	58.46	68.3	-11.31	34.6	10.19	46.26	125	100	Peak
5510	91.36	92.7	-	-	34.61	10.3	46.25	125	100	Peak
5510	82.27	83.61	-	-	34.61	10.3	46.25	125	100	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	52.73	54.05	74	-21.27	34.77	10.17	46.26	125	100	Peak
5460	48.5	49.82	54	-5.5	34.77	10.17	46.26	125	100	Average
5470	54.28	55.57	68.3	-14.02	34.78	10.19	46.26	125	100	Peak
5550	96.28	97.19	-	-	34.86	10.47	46.24	125	100	Peak
5550	89.89	90.8	-	-	34.86	10.47	46.24	125	100	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	54.9	74	-20.59	34.6	10.17	46.26	125	100	Peak
5460	48.1	49.59	54	-5.9	34.6	10.17	46.26	125	100	Average
5470	53.8	55.27	68.3	-14.5	34.6	10.19	46.26	125	100	Peak
5550	89.93	91.04	-	-	34.66	10.47	46.24	125	100	Peak
5550	81.64	82.75	-	-	34.66	10.47	46.24	125	100	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.



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VERITAS**

Test Report No.: W7L-P21080021RF09

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	96.63	96.86	–	–	35	10.97	46.2	125	100	Peak
5670	91.48	91.71	–	–	35	10.97	46.2	125	100	Average
5725	56.65	56.57	68.3	-11.65	35.07	11.2	46.19	125	100	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	96.96	97.39	–	–	34.8	10.97	46.2	125	100	Peak
5670	89.82	90.25	–	–	34.8	10.97	46.2	125	100	Average
5725	58.08	58.2	68.3	-10.22	34.87	11.2	46.19	125	100	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5670MHz: Fundamental frequency.
3. #: 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	52.72	54.01	74	-21.28	34.78	10.19	46.26	125	100	Peak
5710	99.88	99.88	-	-	35.05	11.14	46.19	125	100	Peak
5710	92.97	92.97	-	-	35.05	11.14	46.19	125	100	Average
5850	56.41	55.62	68.3	-11.89	35.22	11.72	46.15	125	100	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	53.85	55.32	74	-20.15	34.6	10.19	46.26	125	100	Peak
5710	97.41	97.61	-	-	34.85	11.14	46.19	125	100	Peak
5710	90.03	90.23	-	-	34.85	11.14	46.19	125	100	Average
5850	57.88	57.29	68.3	-10.42	35.02	11.72	46.15	125	100	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.



802.11ax (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	54.23	55.55	74	-19.77	34.77	10.17	46.26	125	100	Peak
5460	48.48	49.8	54	-5.52	34.77	10.17	46.26	125	100	Average
5470	53.39	54.68	68.3	-14.91	34.78	10.19	46.26	125	100	Peak
5530	89.91	90.93	-	-	34.84	10.38	46.24	125	100	Peak
5530	84.25	85.27	-	-	34.84	10.38	46.24	125	100	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	53.78	55.27	74	-20.22	34.6	10.17	46.26	100	40	Peak
5460	48.48	49.97	54	-5.52	34.6	10.17	46.26	100	40	Average
5470	51	52.47	68.3	-17.3	34.6	10.19	46.26	100	40	Peak
5530	86.04	87.26	-	-	34.64	10.38	46.24	100	40	Peak
5530	78.81	80.03	-	-	34.64	10.38	46.24	100	40	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.



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Test Report No.: W7L-P21080021RF09

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
5610	91.59	92.16	–	–	34.93	10.72	46.22	125	100	Peak
5610	85.33	85.9	–	–	34.93	10.72	46.22	125	100	Average
5725	55.62	55.54	68.3	-12.68	35.07	11.2	46.19	125	100	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
5610	86.03	86.8	–	–	34.73	10.72	46.22	100	40	Peak
5610	81.34	82.11	–	–	34.73	10.72	46.22	100	40	Average
5725	55.53	55.65	68.3	-12.77	34.87	11.2	46.19	100	40	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5610MHz: Fundamental frequency.
3. #: 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	53.34	54.63	74	-20.66	34.78	10.19	46.26	125	100	Peak
5690	91.9	92.02	-	-	35.03	11.05	46.2	125	100	Peak
5690	86.97	87.09	-	-	35.03	11.05	46.2	125	100	Average
5850	56.69	55.9	68.3	-11.61	35.22	11.72	46.15	125	100	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	53.76	55.23	74	-20.24	34.6	10.19	46.26	100	100	Peak
5690	89.71	90.03	-	-	34.83	11.05	46.2	100	100	Peak
5690	82.19	82.51	-	-	34.83	11.05	46.2	100	100	Average
5850	56.38	55.79	68.3	-11.92	35.02	11.72	46.15	100	100	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.



ABOVE 1GHz WORST-CASE DATA Ant 1:

802.11a

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	52.97	54.29	74	-21.03	34.77	10.17	46.26	100	95	Peak
5460	46.3	47.62	54	-7.7	34.77	10.17	46.26	100	95	Average
5470	53.07	54.36	68.3	-15.23	34.78	10.19	46.26	100	95	Peak
5500	96.52	97.71	-	-	34.8	10.26	46.25	100	95	Peak
5500	90.42	91.61	-	-	34.8	10.26	46.25	100	95	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	52.25	53.74	74	-21.75	34.6	10.17	46.26	100	345	Peak
5460	46.71	48.2	54	-7.29	34.6	10.17	46.26	100	345	Average
5470	52.86	54.33	68.3	-15.44	34.6	10.19	46.26	100	345	Peak
5500	96.63	98.02	-	-	34.6	10.26	46.25	100	345	Peak
5500	89.67	91.06	-	-	34.6	10.26	46.25	100	345	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	53.34	54.66	74	-20.66	34.77	10.17	46.26	105	50	Peak
5460	46.02	47.34	54	-7.98	34.77	10.17	46.26	105	50	Average
5470	53.35	54.64	68.3	-14.95	34.78	10.19	46.26	105	50	Peak
5580	93.96	94.7	–	–	34.9	10.59	46.23	105	50	Peak
5580	85.68	86.42	–	–	34.9	10.59	46.23	105	50	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	51.87	53.36	74	-22.13	34.6	10.17	46.26	100	25	Peak
5460	46.25	47.74	54	-7.75	34.6	10.17	46.26	100	25	Average
5470	52.66	54.13	68.3	-15.64	34.6	10.19	46.26	100	25	Peak
5580	96.12	97.06	–	–	34.7	10.59	46.23	100	25	Peak
5580	89.49	90.43	–	–	34.7	10.59	46.23	100	25	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5580MHz: Fundamental frequency.
3. #: Out of restricted band.



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Test Report No.: W7L-P21080021RF09

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	94.25	94.31	–	–	35.04	11.09	46.19	120	280	Peak
5700	87.81	87.87	–	–	35.04	11.09	46.19	120	280	Average
5725	56.79	56.71	68.3	-11.51	35.07	11.2	46.19	120	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	98.51	98.77	–	–	34.84	11.09	46.19	100	160	Peak
5700	92.86	93.12	–	–	34.84	11.09	46.19	100	160	Average
5725	56.31	56.43	68.3	-11.99	34.87	11.2	46.19	100	160	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	53.16	54.45	74	-20.84	34.78	10.19	46.26	120	280	Peak
5720	95.06	95.01	-	-	35.06	11.18	46.19	120	280	Peak
5720	88.89	88.84	-	-	35.06	11.18	46.19	120	280	Average
5850	55.51	54.72	68.3	-12.79	35.22	11.72	46.15	120	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	52.65	54.12	74	-21.35	34.6	10.19	46.26	100	160	Peak
5720	98.39	98.54	-	-	34.86	11.18	46.19	100	160	Peak
5720	92.01	92.16	-	-	34.86	11.18	46.19	100	160	Average
5850	56.11	55.52	68.3	-12.19	35.02	11.72	46.15	100	160	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 (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	53.47	54.79	74	-20.53	34.77	10.17	46.26	100	90	Peak
5460	46.38	47.7	54	-7.62	34.77	10.17	46.26	100	90	Average
5470	53.06	54.35	68.3	-15.24	34.78	10.19	46.26	100	90	Peak
5500	91.49	92.68	-	-	34.8	10.26	46.25	100	90	Peak
5500	85.61	86.8	-	-	34.8	10.26	46.25	100	90	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	52.15	53.64	74	-21.85	34.6	10.17	46.26	100	345	Peak
5460	45.87	47.36	54	-8.13	34.6	10.17	46.26	100	345	Average
5470	51	52.47	68.3	-17.3	34.6	10.19	46.26	100	345	Peak
5500	94.73	96.12	-	-	34.6	10.26	46.25	100	345	Peak
5500	88.46	89.85	-	-	34.6	10.26	46.25	100	345	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: 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	52.16	53.48	74	-21.84	34.77	10.17	46.26	128	280	Peak
5460	46.8	48.12	54	-7.2	34.77	10.17	46.26	128	280	Average
5470	53.01	54.3	68.3	-15.29	34.78	10.19	46.26	128	280	Peak
5580	92.09	92.83	–	–	34.9	10.59	46.23	128	280	Peak
5580	85.08	85.82	–	–	34.9	10.59	46.23	128	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	54.81	74	-20.68	34.6	10.17	46.26	100	25	Peak
5460	46.05	47.54	54	-7.95	34.6	10.17	46.26	100	25	Average
5470	53.59	55.06	68.3	-14.71	34.6	10.19	46.26	100	25	Peak
5580	95.89	96.83	–	–	34.7	10.59	46.23	100	25	Peak
5580	89.4	90.34	–	–	34.7	10.59	46.23	100	25	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	95.1	95.16	–	–	35.04	11.09	46.19	122	280	Peak
5700	87.7	87.76	–	–	35.04	11.09	46.19	122	280	Average
5725	56.17	56.09	68.3	-12.13	35.07	11.2	46.19	122	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	98.16	98.42	–	–	34.84	11.09	46.19	100	160	Peak
5700	91.75	92.01	–	–	34.84	11.09	46.19	100	160	Average
5725	54.51	54.63	68.3	-13.79	34.87	11.2	46.19	100	160	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	52.74	54.03	74	-21.26	34.78	10.19	46.26	120	265	Peak
5720	94.94	94.89	-	-	35.06	11.18	46.19	120	265	Peak
5720	87.97	87.92	-	-	35.06	11.18	46.19	120	265	Average
5850	55.76	54.97	68.3	-12.54	35.22	11.72	46.15	120	265	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	53.29	54.76	74	-20.71	34.6	10.19	46.26	100	160	Peak
5720	98.9	99.05	-	-	34.86	11.18	46.19	100	160	Peak
5720	92.89	93.04	-	-	34.86	11.18	46.19	100	160	Average
5850	55.62	55.03	68.3	-12.68	35.02	11.72	46.15	100	160	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	55.21	56.53	74	-18.79	34.77	10.17	46.26	100	40	Peak
5460	48.71	50.03	54	-5.29	34.77	10.17	46.26	100	40	Average
5470	56.02	57.31	68.3	-12.28	34.78	10.19	46.26	100	40	Peak
5510	92.09	93.23	-	-	34.81	10.3	46.25	100	40	Peak
5510	84.87	86.01	-	-	34.81	10.3	46.25	100	40	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	54.01	55.5	74	-19.99	34.6	10.17	46.26	100	100	Peak
5460	47.29	48.78	54	-6.71	34.6	10.17	46.26	100	100	Average
5470	53.01	54.48	68.3	-15.29	34.6	10.19	46.26	100	100	Peak
5510	86.79	88.13	-	-	34.61	10.3	46.25	100	100	Peak
5510	81.37	82.71	-	-	34.61	10.3	46.25	100	100	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	52.85	54.17	74	-21.15	34.77	10.17	46.26	100	50	Peak
5460	47.35	48.67	54	-6.65	34.77	10.17	46.26	100	50	Average
5470	52.7	53.99	68.3	-15.6	34.78	10.19	46.26	100	50	Peak
5550	91.72	92.63	-	-	34.86	10.47	46.24	100	50	Peak
5550	86.47	87.38	-	-	34.86	10.47	46.24	100	50	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	53.01	54.5	74	-20.99	34.6	10.17	46.26	125	100	Peak
5460	47.63	49.12	54	-6.37	34.6	10.17	46.26	125	100	Average
5470	53.69	55.16	68.3	-14.61	34.6	10.19	46.26	125	100	Peak
5550	90.76	91.87	-	-	34.66	10.47	46.24	125	100	Peak
5550	86.56	87.67	-	-	34.66	10.47	46.24	125	100	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	92.1	92.33	–	–	35	10.97	46.2	100	300	Peak
5670	86.44	86.67	–	–	35	10.97	46.2	100	300	Average
5725	58.03	57.95	68.3	-10.27	35.07	11.2	46.19	100	300	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	96.61	97.04	–	–	34.8	10.97	46.2	125	20	Peak
5670	91.93	92.36	–	–	34.8	10.97	46.2	125	20	Average
5725	58.14	58.26	68.3	-10.16	34.87	11.2	46.19	125	20	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	53.08	54.37	74	-20.92	34.78	10.19	46.26	100	300	Peak
5710	91.56	91.56	–	–	35.05	11.14	46.19	100	300	Peak
5710	86.91	86.91	–	–	35.05	11.14	46.19	100	300	Average
5850	55.94	55.15	68.3	-12.36	35.22	11.72	46.15	100	300	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	54.79	56.26	74	-19.21	34.6	10.19	46.26	125	175	Peak
5710	98.32	98.52	–	–	34.85	11.14	46.19	125	175	Peak
5710	91.96	92.16	–	–	34.85	11.14	46.19	125	175	Average
5850	56.41	55.82	68.3	-11.89	35.02	11.72	46.15	125	175	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	52.44	53.76	74	-21.56	34.77	10.17	46.26	100	50	Peak
5460	46.61	47.93	54	-7.39	34.77	10.17	46.26	100	50	Average
5470	52.55	53.84	68.3	-15.75	34.78	10.19	46.26	100	50	Peak
5500	91.31	92.5	-	-	34.8	10.26	46.25	100	50	Peak
5500	84.41	85.6	-	-	34.8	10.26	46.25	100	50	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	51.44	52.93	74	-22.56	34.6	10.17	46.26	100	345	Peak
5460	46.09	47.58	54	-7.91	34.6	10.17	46.26	100	345	Average
5470	52.31	53.78	68.3	-15.99	34.6	10.19	46.26	100	345	Peak
5500	95.46	96.85	-	-	34.6	10.26	46.25	100	345	Peak
5500	86.83	88.22	-	-	34.6	10.26	46.25	100	345	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	52.33	53.65	74	-21.67	34.77	10.17	46.26	105	280	Peak
5460	45.99	47.31	54	-8.01	34.77	10.17	46.26	105	280	Average
5470	52.76	54.05	68.3	-15.54	34.78	10.19	46.26	105	280	Peak
5580	90.82	91.56	-	-	34.9	10.59	46.23	105	280	Peak
5580	83.4	84.14	-	-	34.9	10.59	46.23	105	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	52.51	54	74	-21.49	34.6	10.17	46.26	100	20	Peak
5460	46.16	47.65	54	-7.84	34.6	10.17	46.26	100	20	Average
5470	53.24	54.71	68.3	-15.06	34.6	10.19	46.26	100	20	Peak
5580	95.04	95.98	-	-	34.7	10.59	46.23	100	20	Peak
5580	88.58	89.52	-	-	34.7	10.59	46.23	100	20	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5580MHz: Fundamental frequency.
3. #: 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	91.9	91.96	–	–	35.04	11.09	46.19	105	280	Peak
5700	85.86	85.92	–	–	35.04	11.09	46.19	105	280	Average
5725	54.31	54.23	68.3	-13.99	35.07	11.2	46.19	105	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	97.65	97.91	–	–	34.84	11.09	46.19	100	160	Peak
5700	91.47	91.73	–	–	34.84	11.09	46.19	100	160	Average
5725	54.87	54.99	68.3	-13.43	34.87	11.2	46.19	100	160	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	53.12	54.41	74	-20.88	34.78	10.19	46.26	102	280	Peak
5720	94.27	94.22	-	-	35.06	11.18	46.19	102	280	Peak
5720	87.48	87.43	-	-	35.06	11.18	46.19	102	280	Average
5850	55.32	54.53	68.3	-12.98	35.22	11.72	46.15	102	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	54.02	55.49	74	-19.98	34.6	10.19	46.26	100	160	Peak
5720	98.35	98.5	-	-	34.86	11.18	46.19	100	160	Peak
5720	91.8	91.95	-	-	34.86	11.18	46.19	100	160	Average
5850	56.16	55.57	68.3	-12.14	35.02	11.72	46.15	100	160	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	53.76	55.08	74	-20.24	34.77	10.17	46.26	165	75	Peak
5460	47.46	48.78	54	-6.54	34.77	10.17	46.26	165	75	Average
5470	55.1	56.39	68.3	-13.2	34.78	10.19	46.26	165	75	Peak
5510	87.78	88.92	-	-	34.81	10.3	46.25	165	75	Peak
5510	81.49	82.63	-	-	34.81	10.3	46.25	165	75	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	54.41	55.9	74	-19.59	34.6	10.17	46.26	100	360	Peak
5460	47.55	49.04	54	-6.45	34.6	10.17	46.26	100	360	Average
5470	55.21	56.68	68.3	-13.09	34.6	10.19	46.26	100	360	Peak
5510	93.11	94.45	-	-	34.61	10.3	46.25	100	360	Peak
5510	86.8	88.14	-	-	34.61	10.3	46.25	100	360	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	53.77	55.09	74	-20.23	34.77	10.17	46.26	165	75	Peak
5460	47.17	48.49	54	-6.83	34.77	10.17	46.26	165	75	Average
5470	53.46	54.75	68.3	-14.84	34.78	10.19	46.26	165	75	Peak
5550	87.17	88.08	–	–	34.86	10.47	46.24	165	75	Peak
5550	81.31	82.22	–	–	34.86	10.47	46.24	165	75	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	54.95	56.44	74	-19.05	34.6	10.17	46.26	100	360	Peak
5460	47.26	48.75	54	-6.74	34.6	10.17	46.26	100	360	Average
5470	54.47	55.94	68.3	-13.83	34.6	10.19	46.26	100	360	Peak
5550	92.57	93.68	–	–	34.66	10.47	46.24	100	360	Peak
5550	85.47	86.58	–	–	34.66	10.47	46.24	100	360	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	91.48	91.71	–	–	35	10.97	46.2	100	280	Peak
5670	87.11	87.34	–	–	35	10.97	46.2	100	280	Average
5725	55.67	55.59	68.3	-12.63	35.07	11.2	46.19	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	94.87	95.3	–	–	34.8	10.97	46.2	135	115	Peak
5670	89.62	90.05	–	–	34.8	10.97	46.2	135	115	Average
5725	56.43	56.55	68.3	-11.87	34.87	11.2	46.19	135	115	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	55.1	56.39	74	-18.9	34.78	10.19	46.26	100	280	Peak
5710	93.26	93.26	-	-	35.05	11.14	46.19	100	280	Peak
5710	86.13	86.13	-	-	35.05	11.14	46.19	100	280	Average
5850	56.64	55.85	68.3	-11.66	35.22	11.72	46.15	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	52.45	53.92	74	-21.55	34.6	10.19	46.26	185	110	Peak
5710	94.09	94.29	-	-	34.85	11.14	46.19	185	110	Peak
5710	88.37	88.57	-	-	34.85	11.14	46.19	185	110	Average
5850	56.91	56.32	68.3	-11.39	35.02	11.72	46.15	185	110	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	50.97	52.29	74	-23.03	34.77	10.17	46.26	100	40	Peak
5460	46.56	47.88	54	-7.44	34.77	10.17	46.26	100	40	Average
5470	51.41	52.7	68.3	-16.89	34.78	10.19	46.26	100	40	Peak
5530	85	86.02	-	-	34.84	10.38	46.24	100	40	Peak
5530	79.81	80.83	-	-	34.84	10.38	46.24	100	40	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	51.72	53.21	74	-22.28	34.6	10.17	46.26	100	360	Peak
5460	46.79	48.28	54	-7.21	34.6	10.17	46.26	100	360	Average
5470	52.34	53.81	68.3	-15.96	34.6	10.19	46.26	100	360	Peak
5530	87.74	88.96	-	-	34.64	10.38	46.24	100	360	Peak
5530	83.91	85.13	-	-	34.64	10.38	46.24	100	360	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
5610	85.66	86.23	–	–	34.93	10.72	46.22	108	90	Peak
5610	81.6	82.17	–	–	34.93	10.72	46.22	108	90	Average
5725	53.71	53.63	68.3	-14.59	35.07	11.2	46.19	108	90	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
5610	88.18	88.95	–	–	34.73	10.72	46.22	100	35	Peak
5610	84.32	85.09	–	–	34.73	10.72	46.22	100	35	Average
5725	54.26	54.38	68.3	-14.04	34.87	11.2	46.19	100	35	Peak

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	50.84	52.13	74	-23.16	34.78	10.19	46.26	100	285	Peak
5690	87.64	87.76	-	-	35.03	11.05	46.2	100	285	Peak
5690	83.91	84.03	-	-	35.03	11.05	46.2	100	285	Average
5850	55.43	54.64	68.3	-12.87	35.22	11.72	46.15	100	285	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	50.89	52.36	74	-23.11	34.6	10.19	46.26	100	185	Peak
5690	90.82	91.14	-	-	34.83	11.05	46.2	100	185	Peak
5690	87.1	87.42	-	-	34.83	11.05	46.2	100	185	Average
5850	54.7	54.11	68.3	-13.6	35.02	11.72	46.15	100	185	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.



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	51.79	53.11	74	-22.21	34.77	10.17	46.26	100	90	Peak
5460	45.79	47.11	54	-8.21	34.77	10.17	46.26	100	90	Average
5470	52.75	54.04	68.3	-15.55	34.78	10.19	46.26	100	90	Peak
5500	93.97	95.16	-	-	34.8	10.26	46.25	100	90	Peak
5500	84.6	85.79	-	-	34.8	10.26	46.25	100	90	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	52.87	54.36	74	-21.13	34.6	10.17	46.26	100	345	Peak
5460	45.93	47.42	54	-8.07	34.6	10.17	46.26	100	345	Average
5470	52.12	53.59	68.3	-16.18	34.6	10.19	46.26	100	345	Peak
5500	95.74	97.13	-	-	34.6	10.26	46.25	100	345	Peak
5500	87.98	89.37	-	-	34.6	10.26	46.25	100	345	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	52.68	54	74	-21.32	34.77	10.17	46.26	110	280	Peak
5460	47.66	48.98	54	-6.34	34.77	10.17	46.26	110	280	Average
5470	52.18	53.47	68.3	-16.12	34.78	10.19	46.26	110	280	Peak
5580	92.18	92.92	–	–	34.9	10.59	46.23	110	280	Peak
5580	84.17	84.91	–	–	34.9	10.59	46.23	110	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	53.49	74	-22	34.6	10.17	46.26	100	20	Peak
5460	46.86	48.35	54	-7.14	34.6	10.17	46.26	100	20	Average
5470	52.59	54.06	68.3	-15.71	34.6	10.19	46.26	100	20	Peak
5580	98.32	99.26	–	–	34.7	10.59	46.23	100	20	Peak
5580	89.33	90.27	–	–	34.7	10.59	46.23	100	20	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	94.36	94.42	–	–	35.04	11.09	46.19	115	300	Peak
5700	85.88	85.94	–	–	35.04	11.09	46.19	115	300	Average
5725	57.78	57.7	68.3	-10.52	35.07	11.2	46.19	115	300	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	100.67	100.93	–	–	34.84	11.09	46.19	100	160	Peak
5700	91.66	91.92	–	–	34.84	11.09	46.19	100	160	Average
5725	55.39	55.51	68.3	-12.91	34.87	11.2	46.19	100	160	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	53.78	55.07	74	-20.22	34.78	10.19	46.26	120	280	Peak
5720	96.51	96.46	-	-	35.06	11.18	46.19	120	280	Peak
5720	88.07	88.02	-	-	35.06	11.18	46.19	120	280	Average
5850	58.75	57.96	68.3	-9.55	35.22	11.72	46.15	120	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	53.31	54.78	74	-20.69	34.6	10.19	46.26	100	160	Peak
5720	100.07	100.22	-	-	34.86	11.18	46.19	100	160	Peak
5720	91.62	91.77	-	-	34.86	11.18	46.19	100	160	Average
5850	55.43	54.84	68.3	-12.87	35.02	11.72	46.15	100	160	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	51.77	53.09	74	-22.23	34.77	10.17	46.26	100	55	Peak
5460	47.09	48.41	54	-6.91	34.77	10.17	46.26	100	55	Average
5470	52.94	54.23	68.3	-15.36	34.78	10.19	46.26	100	55	Peak
5510	92.67	93.81	-	-	34.81	10.3	46.25	100	55	Peak
5510	85.48	86.62	-	-	34.81	10.3	46.25	100	55	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	52.44	53.93	74	-21.56	34.6	10.17	46.26	100	0	Peak
5460	47.28	48.77	54	-6.72	34.6	10.17	46.26	100	0	Average
5470	53.4	54.87	68.3	-14.9	34.6	10.19	46.26	100	0	Peak
5510	96.22	97.56	-	-	34.61	10.3	46.25	100	0	Peak
5510	88.62	89.96	-	-	34.61	10.3	46.25	100	0	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	51.63	52.95	74	-22.37	34.77	10.17	46.26	100	50	Peak
5460	46.54	47.86	54	-7.46	34.77	10.17	46.26	100	50	Average
5470	50.4	51.69	68.3	-17.9	34.78	10.19	46.26	100	50	Peak
5550	92.23	93.14	-	-	34.86	10.47	46.24	100	50	Peak
5550	85.78	86.69	-	-	34.86	10.47	46.24	100	50	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	51.35	52.84	74	-22.65	34.6	10.17	46.26	100	0	Peak
5460	47.3	48.79	54	-6.7	34.6	10.17	46.26	100	0	Average
5470	52.22	53.69	68.3	-16.08	34.6	10.19	46.26	100	0	Peak
5550	96.1	97.21	-	-	34.66	10.47	46.24	100	0	Peak
5550	88.53	89.64	-	-	34.66	10.47	46.24	100	0	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.



**BUREAU
VERITAS**

Test Report No.: W7L-P21080021RF09

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	94.22	94.45	–	–	35	10.97	46.2	100	280	Peak
5670	86.52	86.75	–	–	35	10.97	46.2	100	280	Average
5725	55.29	55.21	68.3	-13.01	35.07	11.2	46.19	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	95.98	96.41	–	–	34.8	10.97	46.2	100	120	Peak
5670	89.08	89.51	–	–	34.8	10.97	46.2	100	120	Average
5725	53.65	53.77	68.3	-14.65	34.87	11.2	46.19	100	120	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5670MHz: Fundamental frequency.
3. #: 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	51.79	53.08	74	-22.21	34.78	10.19	46.26	100	280	Peak
5710	95.75	95.75	-	-	35.05	11.14	46.19	100	280	Peak
5710	88.88	88.88	-	-	35.05	11.14	46.19	100	280	Average
5850	54.79	54	68.3	-13.51	35.22	11.72	46.15	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	51.15	52.62	74	-22.85	34.6	10.19	46.26	100	185	Peak
5710	98.62	98.82	-	-	34.85	11.14	46.19	100	185	Peak
5710	92.25	92.45	-	-	34.85	11.14	46.19	100	185	Average
5850	55.89	55.3	68.3	-12.41	35.02	11.72	46.15	100	185	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.



802.11ax (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	52.27	53.59	74	-21.73	34.77	10.17	46.26	100	40	Peak
5460	47.45	48.77	54	-6.55	34.77	10.17	46.26	100	40	Average
5470	52.01	53.3	68.3	-16.29	34.78	10.19	46.26	100	40	Peak
5530	87.09	88.11	-	-	34.84	10.38	46.24	100	40	Peak
5530	80.07	81.09	-	-	34.84	10.38	46.24	100	40	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	51.39	52.88	74	-22.61	34.6	10.17	46.26	100	0	Peak
5460	46.97	48.46	54	-7.03	34.6	10.17	46.26	100	0	Average
5470	52.05	53.52	68.3	-16.25	34.6	10.19	46.26	100	0	Peak
5530	91.48	92.7	-	-	34.64	10.38	46.24	100	0	Peak
5530	84.08	85.3	-	-	34.64	10.38	46.24	100	0	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
5610	86.64	87.21	–	–	34.93	10.72	46.22	100	295	Peak
5610	80.47	81.04	–	–	34.93	10.72	46.22	100	295	Average
5725	53.99	53.91	68.3	-14.31	35.07	11.2	46.19	100	295	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
5610	89.73	90.5	–	–	34.73	10.72	46.22	100	20	Peak
5610	83.42	84.19	–	–	34.73	10.72	46.22	100	20	Average
5725	53.7	53.82	68.3	-14.6	34.87	11.2	46.19	100	20	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5610MHz: Fundamental frequency.
3. #: 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	51.49	52.78	68.3	-16.81	34.78	10.19	46.26	100	285	Peak
5690	89.45	89.57	-	-	35.03	11.05	46.2	100	285	Peak
5690	84.4	84.52	-	-	35.03	11.05	46.2	100	285	Average
5850	54.86	54.07	74	-19.14	35.22	11.72	46.15	100	285	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	51.27	52.74	68.3	-17.03	34.6	10.19	46.26	100	120	Peak
5690	92	92.32	-	-	34.83	11.05	46.2	100	120	Peak
5690	85.82	86.14	-	-	34.83	11.05	46.2	100	120	Average
5850	55.54	54.95	74	-18.46	35.02	11.72	46.15	100	120	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.

ABOVE 1GHz WORST-CASE DATA Ant 0+1:

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	54.44	55.76	74	-19.56	34.77	10.17	46.26	100	90	Peak
5460	48.41	49.73	54	-5.59	34.77	10.17	46.26	100	90	Average
5470	52.43	53.72	68.3	-15.87	34.78	10.19	46.26	100	90	Peak
5500	94.47	95.66	–	–	34.8	10.26	46.25	100	90	Peak
5500	87.03	88.22	–	–	34.8	10.26	46.25	100	90	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	53.1	54.59	74	-20.9	34.6	10.17	46.26	130	350	Peak
5460	46.09	47.58	54	-7.91	34.6	10.17	46.26	130	350	Average
5470	53	54.47	68.3	-15.3	34.6	10.19	46.26	130	350	Peak
5500	95.44	96.83	–	–	34.6	10.26	46.25	130	350	Peak
5500	88.51	89.9	–	–	34.6	10.26	46.25	130	350	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: 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	51.88	53.2	74	-22.12	34.77	10.17	46.26	100	95	Peak
5460	46.29	47.61	54	-7.71	34.77	10.17	46.26	100	95	Average
5470	53.16	54.45	68.3	-15.14	34.78	10.19	46.26	100	95	Peak
5580	96.38	97.12	–	–	34.9	10.59	46.23	100	95	Peak
5580	88.59	89.33	–	–	34.9	10.59	46.23	100	95	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	52.72	54.21	74	-21.28	34.6	10.17	46.26	100	15	Peak
5460	46.75	48.24	54	-7.25	34.6	10.17	46.26	100	15	Average
5470	52.01	53.48	68.3	-16.29	34.6	10.19	46.26	100	15	Peak
5580	97.39	98.33	–	–	34.7	10.59	46.23	100	15	Peak
5580	89.62	90.56	–	–	34.7	10.59	46.23	100	15	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	99.3	99.36	–	–	35.04	11.09	46.19	100	95	Peak
5700	92.29	92.35	–	–	35.04	11.09	46.19	100	95	Average
5725	55.42	55.34	68.3	-12.88	35.07	11.2	46.19	100	95	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	100.41	100.67	–	–	34.84	11.09	46.19	100	160	Peak
5700	93.19	93.45	–	–	34.84	11.09	46.19	100	160	Average
5725	54.73	54.85	68.3	-13.57	34.87	11.2	46.19	100	160	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	52.55	53.84	74	-21.45	34.78	10.19	46.26	100	95	Peak
5720	98.68	98.63	-	-	35.06	11.18	46.19	100	95	Peak
5720	92.65	92.6	-	-	35.06	11.18	46.19	100	95	Average
5850	57.5	56.71	68.3	-10.8	35.22	11.72	46.15	100	95	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	52.05	53.52	74	-21.95	34.6	10.19	46.26	100	160	Peak
5720	102.05	102.2	-	-	34.86	11.18	46.19	100	160	Peak
5720	93.79	93.94	-	-	34.86	11.18	46.19	100	160	Average
5850	55.34	54.75	68.3	-12.96	35.02	11.72	46.15	100	160	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	53.22	54.54	74	-20.78	34.77	10.17	46.26	100	53	Peak
5460	47.47	48.79	54	-6.53	34.77	10.17	46.26	100	53	Average
5470	54.66	55.95	68.3	-13.64	34.78	10.19	46.26	100	53	Peak
5510	96.07	97.21	-	-	34.81	10.3	46.25	100	53	Peak
5510	89.82	90.96	-	-	34.81	10.3	46.25	100	53	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	53.22	54.71	74	-20.78	34.6	10.17	46.26	100	0	Peak
5460	48.25	49.74	54	-5.75	34.6	10.17	46.26	100	0	Average
5470	56.07	57.54	68.3	-12.23	34.6	10.19	46.26	100	0	Peak
5510	96.28	97.62	-	-	34.61	10.3	46.25	100	0	Peak
5510	90.7	92.04	-	-	34.61	10.3	46.25	100	0	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	53.99	55.31	74	-20.01	34.77	10.17	46.26	100	53	Peak
5460	46.91	48.23	54	-7.09	34.77	10.17	46.26	100	53	Average
5470	51.52	52.81	68.3	-16.78	34.78	10.19	46.26	100	53	Peak
5550	94.75	95.66	–	–	34.86	10.47	46.24	100	53	Peak
5550	89.67	90.58	–	–	34.86	10.47	46.24	100	53	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	52.59	54.08	74	-21.41	34.6	10.17	46.26	100	0	Peak
5460	46.83	48.32	54	-7.17	34.6	10.17	46.26	100	0	Average
5470	52.04	53.51	68.3	-16.26	34.6	10.19	46.26	100	0	Peak
5550	96.79	97.9	–	–	34.66	10.47	46.24	100	0	Peak
5550	89.99	91.1	–	–	34.66	10.47	46.24	100	0	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	97.73	97.96	–	–	35	10.97	46.2	100	290	Peak
5670	92.12	92.35	–	–	35	10.97	46.2	100	290	Average
5725	54.56	54.48	68.3	-13.74	35.07	11.2	46.19	100	290	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	97.6	98.03	–	–	34.8	10.97	46.2	100	225	Peak
5670	92.06	92.49	–	–	34.8	10.97	46.2	100	225	Average
5725	55.46	55.58	68.3	-12.84	34.87	11.2	46.19	100	225	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5670MHz: Fundamental frequency.
3. #: 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	51.59	52.88	74	-22.41	34.78	10.19	46.26	100	290	Peak
5710	98.61	98.61	-	-	35.05	11.14	46.19	100	290	Peak
5710	94.56	94.56	-	-	35.05	11.14	46.19	100	290	Average
5850	55.56	54.77	68.3	-12.74	35.22	11.72	46.15	100	290	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	53.76	55.23	74	-20.24	34.6	10.19	46.26	100	185	Peak
5710	99.2	99.4	-	-	34.85	11.14	46.19	100	185	Peak
5710	93.67	93.87	-	-	34.85	11.14	46.19	100	185	Average
5850	56.32	55.73	68.3	-11.98	35.02	11.72	46.15	100	185	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	52.62	53.94	74	-21.38	34.77	10.17	46.26	110	290	Peak
5460	47.57	48.89	54	-6.43	34.77	10.17	46.26	110	290	Average
5470	51.62	52.91	68.3	-16.68	34.78	10.19	46.26	110	290	Peak
5530	91.57	92.59	-	-	34.84	10.38	46.24	110	290	Peak
5530	87.54	88.56	-	-	34.84	10.38	46.24	110	290	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	52.66	54.15	74	-21.34	34.6	10.17	46.26	100	0	Peak
5460	48.7	50.19	54	-5.3	34.6	10.17	46.26	100	0	Average
5470	53.27	54.74	68.3	-15.03	34.6	10.19	46.26	100	0	Peak
5530	91.83	93.05	-	-	34.64	10.38	46.24	100	0	Peak
5530	87.18	88.4	-	-	34.64	10.38	46.24	100	0	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
5610	90.73	91.3	–	–	34.93	10.72	46.22	110	290	Peak
5610	87.15	87.72	–	–	34.93	10.72	46.22	110	290	Average
5725	54.21	54.13	68.3	-14.09	35.07	11.2	46.19	110	290	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
5610	90.25	91.02	–	–	34.73	10.72	46.22	100	0	Peak
5610	85.94	86.71	–	–	34.73	10.72	46.22	100	0	Average
5725	52.95	53.07	68.3	-15.35	34.87	11.2	46.19	100	0	Peak

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	51.25	52.54	74	-22.75	34.78	10.19	46.26	100	290	Peak
5690	92.9	93.02	-	-	35.03	11.05	46.2	100	290	Peak
5690	89.09	89.21	-	-	35.03	11.05	46.2	100	290	Average
5850	55.01	54.22	68.3	-13.29	35.22	11.72	46.15	100	290	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	50.57	52.04	74	-23.43	34.6	10.19	46.26	128	180	Peak
5690	93.03	93.35	-	-	34.83	11.05	46.2	128	180	Peak
5690	88.34	88.66	-	-	34.83	11.05	46.2	128	180	Average
5850	56.29	55.7	68.3	-12.01	35.02	11.72	46.15	128	180	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.

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	53.69	55.01	74	-20.31	34.77	10.17	46.26	100	295	Peak
5460	46.9	48.22	54	-7.1	34.77	10.17	46.26	100	295	Average
5470	51.85	53.14	68.3	-16.45	34.78	10.19	46.26	100	295	Peak
5500	93.33	94.52	-	-	34.8	10.26	46.25	100	295	Peak
5500	85.43	86.62	-	-	34.8	10.26	46.25	100	295	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	52.54	54.03	74	-21.46	34.6	10.17	46.26	137	10	Peak
5460	46.36	47.85	54	-7.64	34.6	10.17	46.26	137	10	Average
5470	51.68	53.15	68.3	-16.62	34.6	10.19	46.26	137	10	Peak
5500	96.31	97.7	-	-	34.6	10.26	46.25	137	10	Peak
5500	87.52	88.91	-	-	34.6	10.26	46.25	137	10	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: 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	52.87	54.19	74	-21.13	34.77	10.17	46.26	100	280	Peak
5460	46.64	47.96	54	-7.36	34.77	10.17	46.26	100	280	Average
5470	52.88	54.17	74	-21.12	34.78	10.19	46.26	100	280	Peak
5580	95.71	96.45	-	-	34.9	10.59	46.23	100	280	Peak
5580	87.41	88.15	-	-	34.9	10.59	46.23	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	52.06	53.55	74	-21.94	34.6	10.17	46.26	100	345	Peak
5460	46.04	47.53	54	-7.96	34.6	10.17	46.26	100	345	Average
5470	55.13	56.6	68.3	-13.17	34.6	10.19	46.26	100	345	Peak
5580	97.08	98.02	-	-	34.7	10.59	46.23	100	345	Peak
5580	88.62	89.56	-	-	34.7	10.59	46.23	100	345	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5580MHz: Fundamental frequency.
3. #: 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	96.57	96.63	–	–	35.04	11.09	46.19	100	280	Peak
5700	87.72	87.78	–	–	35.04	11.09	46.19	100	280	Average
5725	57	56.92	68.3	-11.3	35.07	11.2	46.19	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	100.3	100.56	–	–	34.84	11.09	46.19	114	160	Peak
5700	91.64	91.9	–	–	34.84	11.09	46.19	114	160	Average
5725	54.66	54.78	68.3	-13.64	34.87	11.2	46.19	114	160	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	51.76	53.05	74	-22.24	34.78	10.19	46.26	100	98	Peak
5720	98.97	98.92	-	-	35.06	11.18	46.19	100	98	Peak
5720	89.79	89.74	-	-	35.06	11.18	46.19	100	98	Average
5850	54.69	53.9	68.3	-13.61	35.22	11.72	46.15	100	98	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	51.84	53.31	74	-22.16	34.6	10.19	46.26	114	160	Peak
5720	101	101.15	-	-	34.86	11.18	46.19	114	160	Peak
5720	91.37	91.52	-	-	34.86	11.18	46.19	114	160	Average
5850	55.68	55.09	68.3	-12.62	35.02	11.72	46.15	114	160	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	52.3	53.62	74	-21.7	34.77	10.17	46.26	100	285	Peak
5460	47.58	48.9	54	-6.42	34.77	10.17	46.26	100	285	Average
5470	51.93	53.22	68.3	-16.37	34.78	10.19	46.26	100	285	Peak
5510	94.07	95.21	-	-	34.81	10.3	46.25	100	285	Peak
5510	87.98	89.12	-	-	34.81	10.3	46.25	100	285	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	52.04	53.53	74	-21.96	34.6	10.17	46.26	100	0	Peak
5460	47.2	48.69	54	-6.8	34.6	10.17	46.26	100	0	Average
5470	54.15	55.62	68.3	-14.15	34.6	10.19	46.26	100	0	Peak
5510	97.61	98.95	-	-	34.61	10.3	46.25	100	0	Peak
5510	89.39	90.73	-	-	34.61	10.3	46.25	100	0	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	52.16	53.48	74	-21.84	34.77	10.17	46.26	100	90	Peak
5460	47.38	48.7	54	-6.62	34.77	10.17	46.26	100	90	Average
5470	51.35	52.64	68.3	-16.95	34.78	10.19	46.26	100	90	Peak
5550	94.81	95.72	-	-	34.86	10.47	46.24	100	90	Peak
5550	90.13	91.04	-	-	34.86	10.47	46.24	100	90	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	51.87	53.36	74	-22.13	34.6	10.17	46.26	100	0	Peak
5460	46.83	48.32	54	-7.17	34.6	10.17	46.26	100	0	Average
5470	51.9	53.37	68.3	-16.4	34.6	10.19	46.26	100	0	Peak
5550	96.62	97.73	-	-	34.66	10.47	46.24	100	0	Peak
5550	89.09	90.2	-	-	34.66	10.47	46.24	100	0	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	97.73	97.96	–	–	35	10.97	46.2	100	90	Peak
5670	91.78	92.01	–	–	35	10.97	46.2	100	90	Average
5725	53.31	53.23	68.3	-14.99	35.07	11.2	46.19	100	90	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	98.63	99.06	–	–	34.8	10.97	46.2	100	225	Peak
5670	91.71	92.14	–	–	34.8	10.97	46.2	100	225	Average
5725	55.37	55.49	68.3	-12.93	34.87	11.2	46.19	100	225	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5670MHz: Fundamental frequency.
3. #: 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	51.71	53	74	-22.29	34.78	10.19	46.26	100	285	Peak
5710	98.78	98.78	-	-	35.05	11.14	46.19	100	285	Peak
5710	93.26	93.26	-	-	35.05	11.14	46.19	100	285	Average
5850	56.41	55.62	68.3	-11.89	35.22	11.72	46.15	100	285	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	51.13	52.6	74	-22.87	34.6	10.19	46.26	100	225	Peak
5710	97.96	98.16	-	-	34.85	11.14	46.19	100	225	Peak
5710	92.49	92.69	-	-	34.85	11.14	46.19	100	225	Average
5850	56.26	55.67	68.3	-12.04	35.02	11.72	46.15	100	225	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	51.5	52.82	74	-22.5	34.77	10.17	46.26	100	285	Peak
5460	46.89	48.21	54	-7.11	34.77	10.17	46.26	100	285	Average
5470	51.76	53.05	68.3	-16.54	34.78	10.19	46.26	100	285	Peak
5530	87.55	88.57	-	-	34.84	10.38	46.24	100	285	Peak
5530	83.4	84.42	-	-	34.84	10.38	46.24	100	285	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	51.77	53.26	74	-22.23	34.6	10.17	46.26	100	0	Peak
5460	47.91	49.4	54	-6.09	34.6	10.17	46.26	100	0	Average
5470	52.16	53.63	68.3	-16.14	34.6	10.19	46.26	100	0	Peak
5530	90.58	91.8	-	-	34.64	10.38	46.24	100	0	Peak
5530	84.4	85.62	-	-	34.64	10.38	46.24	100	0	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
5610	90.09	90.66	–	–	34.93	10.72	46.22	100	90	Peak
5610	86.25	86.82	–	–	34.93	10.72	46.22	100	90	Average
5725	54.3	54.22	68.3	-14	35.07	11.2	46.19	100	90	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
5610	90.08	90.85	–	–	34.73	10.72	46.22	100	35	Peak
5610	85.57	86.34	–	–	34.73	10.72	46.22	100	35	Average
5725	54.22	54.34	68.3	-14.08	34.87	11.2	46.19	100	35	Peak

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	52.52	53.81	74	-21.48	34.78	10.19	46.26	100	90	Peak
5690	92.09	92.21	-	-	35.03	11.05	46.2	100	90	Peak
5690	86.76	86.88	-	-	35.03	11.05	46.2	100	90	Average
5850	54.95	54.16	68.3	-13.35	35.22	11.72	46.15	100	90	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	52.8	54.27	74	-21.2	34.6	10.19	46.26	130	170	Peak
5690	95.77	96.09	-	-	34.83	11.05	46.2	130	170	Peak
5690	89.94	90.26	-	-	34.83	11.05	46.2	130	170	Average
5850	54.82	54.23	68.3	-13.48	35.02	11.72	46.15	130	170	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.



Band 4:

ABOVE 1GHz WORST-CASE DATA Ant 0:

802.11a

CHANNEL	TX Channel 149	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
5745	101.08	100.89	–	–	35.09	11.28	46.18	100	60	Peak
5745	92.84	92.65	–	–	35.09	11.28	46.18	100	60	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
5745	105.04	105.05	–	–	34.89	11.28	46.18	100	330	Peak
5745	97.23	97.24	–	–	34.89	11.28	46.18	100	330	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5745MHz: Fundamental frequency.



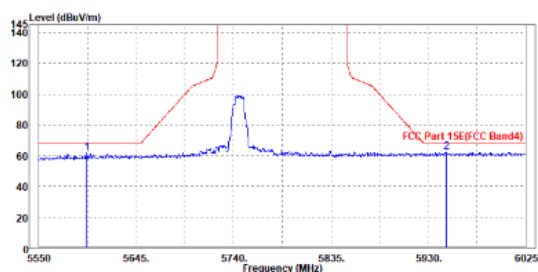
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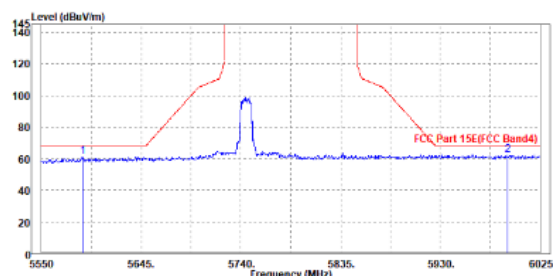
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5597.025	61.7	62.34	68.2	-6.5	34.92	10.66	46.22	200	0	Peak
5947.575	62.24	60.89	68.2	-5.96	35.34	12.13	46.12	200	0	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
5588.95	61.09	61.98	68.2	-7.11	34.71	10.63	46.23	100	0	Peak
5994.125	62.21	60.8	68.2	-5.99	35.19	12.33	46.11	100	0	Peak

CH 149

Horizontal



Vertical





CHANNEL	TX Channel 157	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
5785	99.28	98.86	–	–	35.14	11.45	46.17	100	105	Peak
5785	90	89.58	–	–	35.14	11.45	46.17	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
5785	93.99	93.77	–	–	34.94	11.45	46.17	100	90	Peak
5785	85.16	84.94	–	–	34.94	11.45	46.17	100	90	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5785MHz: Fundamental frequency.



Oobe Data

802.11a

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
5587.05	60.85	61.56	68.2	-7.35	34.9	10.62	46.23	100	0	Peak
5992.225	62.66	61.06	68.2	-5.54	35.39	12.32	46.11	100	0	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
5610.8	60.62	61.39	68.2	-7.58	34.73	10.72	46.22	200	0	Peak
5996.975	62.64	61.21	68.2	-5.56	35.2	12.34	46.11	200	0	Peak

CH 157

