



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	54.48	74	-20.59	34.52	9.92	45.51	200	170	Peak
5150	48.66	49.73	54	-5.34	34.52	9.92	45.51	200	170	Average
5310	97.29	98.29	/	/	34.65	9.86	45.51	200	170	Peak
5310	92.1	93.1	/	/	34.65	9.86	45.51	200	170	Average
5350	56.59	57.57	74	-17.41	34.68	9.85	45.51	200	170	Peak
5350	50.65	51.63	54	-3.35	34.68	9.85	45.51	200	170	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	54.6	55.59	74	-19.4	34.6	9.92	45.51	200	47	Peak
5150	48.37	49.36	54	-5.63	34.6	9.92	45.51	200	47	Average
5310	92.09	93.14	/	/	34.6	9.86	45.51	200	47	Peak
5310	86.41	87.46	/	/	34.6	9.86	45.51	200	47	Average
5350	53.91	54.97	74	-20.09	34.6	9.85	45.51	200	47	Peak
5350	49.03	50.09	54	-4.97	34.6	9.85	45.51	200	47	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	53.67	54.74	74	-20.33	34.52	9.92	45.51	200	170	Peak
5150	47.74	48.81	54	-6.26	34.52	9.92	45.51	200	170	Average
5260	99.11	100.13	/	/	34.61	9.88	45.51	200	170	Peak
5260	91.96	92.98	/	/	34.61	9.88	45.51	200	170	Average
5350	54.51	55.49	74	-19.49	34.68	9.85	45.51	200	170	Peak
5350	48.06	49.04	54	-5.94	34.68	9.85	45.51	200	170	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	53.82	54.81	74	-20.18	34.6	9.92	45.51	200	47	Peak
5150	48.24	49.23	54	-5.76	34.6	9.92	45.51	200	47	Average
5260	94.44	95.47	/	/	34.6	9.88	45.51	200	47	Peak
5260	87.52	88.55	/	/	34.6	9.88	45.51	200	47	Average
5350	54.55	55.61	74	-19.45	34.6	9.85	45.51	200	47	Peak
5350	47.34	48.4	54	-6.66	34.6	9.85	45.51	200	47	Average

REMARKS:

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



BUREAU VERITAS

Test Report No.: W7L-P23030025RF03

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	53.4	54.47	74	-20.6	34.52	9.92	45.51	200	170	Peak
5150	47.75	48.82	54	-6.25	34.52	9.92	45.51	200	170	Average
5300	100.65	101.65	/	/	34.64	9.87	45.51	200	170	Peak
5300	92.97	93.97	/	/	34.64	9.87	45.51	200	170	Average
5350	53.54	54.52	74	-20.46	34.68	9.85	45.51	200	170	Peak
5350	47.91	48.89	54	-6.09	34.68	9.85	45.51	200	170	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	53.16	54.15	74	-20.84	34.6	9.92	45.51	200	47	Peak
5150	47.79	48.78	54	-6.21	34.6	9.92	45.51	200	47	Average
5300	94.94	95.98	/	/	34.6	9.87	45.51	200	47	Peak
5300	87.82	88.86	/	/	34.6	9.87	45.51	200	47	Average
5350	53.83	54.89	74	-20.17	34.6	9.85	45.51	200	47	Peak
5350	48.33	49.39	54	-5.67	34.6	9.85	45.51	200	47	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	54.3	55.37	74	-19.7	34.52	9.92	45.51	200	170	Peak
5150	48.03	49.1	54	-5.97	34.52	9.92	45.51	200	170	Average
5320	100.51	101.5	/	/	34.66	9.86	45.51	200	170	Peak
5320	92.9	93.89	/	/	34.66	9.86	45.51	200	170	Average
5350	53.92	54.9	74	-20.08	34.68	9.85	45.51	200	170	Peak
5350	48.34	49.32	54	-5.66	34.68	9.85	45.51	200	170	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	53.89	54.88	74	-20.11	34.6	9.92	45.51	200	47	Peak
5150	48.1	49.09	54	-5.9	34.6	9.92	45.51	200	47	Average
5320	94.27	95.32	/	/	34.6	9.86	45.51	200	47	Peak
5320	87.25	88.3	/	/	34.6	9.86	45.51	200	47	Average
5350	54.8	55.86	74	-19.2	34.6	9.85	45.51	200	47	Peak
5350	47.51	48.57	54	-6.49	34.6	9.85	45.51	200	47	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	53.67	54.74	74	-20.33	34.52	9.92	45.51	200	170	Peak
5150	48.03	49.1	54	-5.97	34.52	9.92	45.51	200	170	Average
5270	93.29	94.3	/	/	34.62	9.88	45.51	200	170	Peak
5270	87.19	88.2	/	/	34.62	9.88	45.51	200	170	Average
5350	54.26	55.24	74	-19.74	34.68	9.85	45.51	200	170	Peak
5350	48.92	49.9	54	-5.08	34.68	9.85	45.51	200	170	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	53.84	54.83	74	-20.16	34.6	9.92	45.51	200	47	Peak
5150	48.37	49.36	54	-5.63	34.6	9.92	45.51	200	47	Average
5270	87.41	88.44	/	/	34.6	9.88	45.51	200	47	Peak
5270	81.78	82.81	/	/	34.6	9.88	45.51	200	47	Average
5350	53.64	54.7	74	-20.36	34.6	9.85	45.51	200	47	Peak
5350	48.11	49.17	54	-5.89	34.6	9.85	45.51	200	47	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	54.89	74	-20.18	34.52	9.92	45.51	200	170	Peak
5150	47.7	48.77	54	-6.3	34.52	9.92	45.51	200	170	Average
5290	92.78	93.79	/	/	34.63	9.87	45.51	200	170	Peak
5290	87.15	88.16	/	/	34.63	9.87	45.51	200	170	Average
5350	56.02	57	74	-17.98	34.68	9.85	45.51	200	170	Peak
5350	50.84	51.82	54	-3.16	34.68	9.85	45.51	200	170	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	53.61	54.6	74	-20.39	34.6	9.92	45.51	200	47	Peak
5150	48.96	49.95	54	-5.04	34.6	9.92	45.51	200	47	Average
5310	89.65	90.7	/	/	34.6	9.86	45.51	200	47	Peak
5310	84.01	85.06	/	/	34.6	9.86	45.51	200	47	Average
5350	53.21	54.27	74	-20.79	34.6	9.85	45.51	200	47	Peak
5350	48.08	49.14	54	-5.92	34.6	9.85	45.51	200	47	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	53.82	54.89	74	-20.18	34.52	9.92	45.51	200	170	Peak
5150	47.7	48.77	54	-6.3	34.52	9.92	45.51	200	170	Average
5290	92.78	93.79	/	/	34.63	9.87	45.51	200	170	Peak
5290	87.15	88.16	/	/	34.63	9.87	45.51	200	170	Average
5350	56.02	57	74	-17.98	34.68	9.85	45.51	200	170	Peak
5350	50.84	51.82	54	-3.16	34.68	9.85	45.51	200	170	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	53.51	54.5	74	-20.49	34.6	9.92	45.51	200	47	Peak
5150	48.92	49.91	54	-5.08	34.6	9.92	45.51	200	47	Average
5290	88.22	89.26	/	/	34.6	9.87	45.51	200	47	Peak
5290	82.57	83.61	/	/	34.6	9.87	45.51	200	47	Average
5350	53.57	54.63	74	-20.43	34.6	9.85	45.51	200	47	Peak
5350	49.65	50.71	54	-4.35	34.6	9.85	45.51	200	47	Average

REMARKS:

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



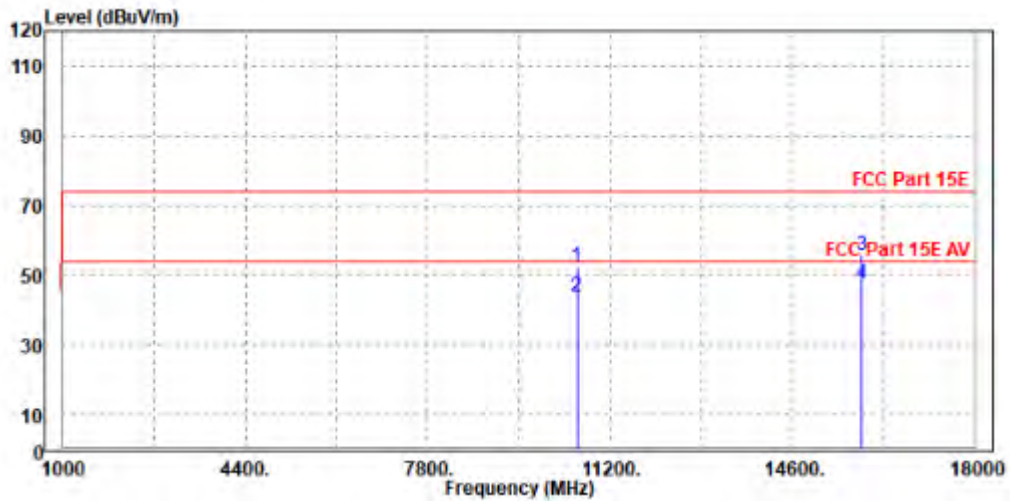
802.11ac (80MHz)

Worst case harmonic:

CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

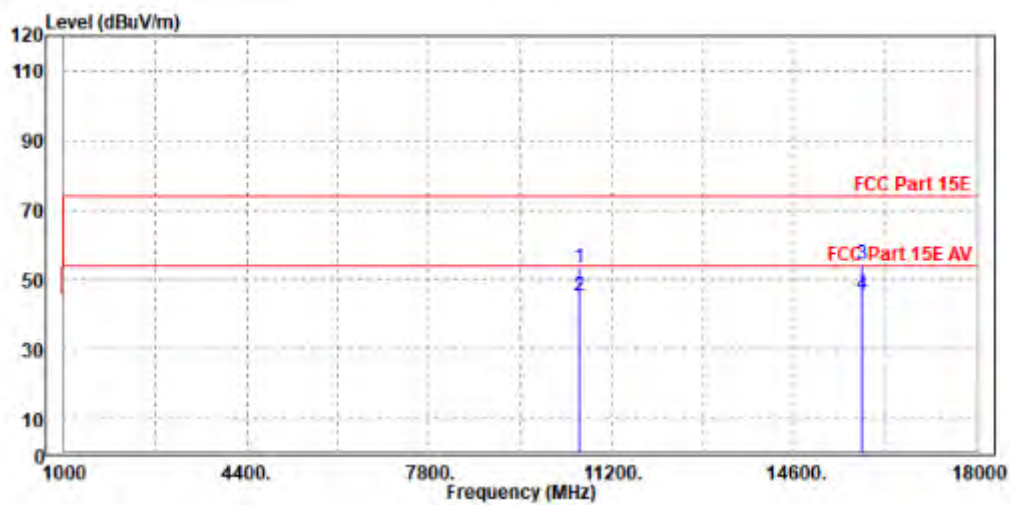
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	10580.000	52.37	45.43	74.00	-21.63	6.94	Peak	Horizontal
2	10580.000	43.62	36.68	54.00	-10.38	6.94	Average	Horizontal
3	PK15875.000	55.53	41.47	74.00	-18.47	14.06	Peak	Horizontal
4	PP15875.000	47.44	33.38	54.00	-6.56	14.06	Average	Horizontal





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	10588.000	53.50	45.34	74.00	-20.50	8.16	Peak	Vertical
2	10588.000	45.09	36.93	54.00	-8.91	8.16	Average	Vertical
3	PK15870.000	54.11	41.48	74.00	-19.89	12.63	Peak	Vertical
4	PP15870.000	45.48	32.85	54.00	-8.52	12.63	Average	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5290MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



Band 3

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	56.11	57.04	74	-17.89	34.77	9.81	45.51	200	175	Peak
5460	48.78	49.71	54	-5.22	34.77	9.81	45.51	200	175	Average
5470	55.72	56.64	68.2	-12.48	34.78	9.81	45.51	200	175	Peak
5500	102.67	103.57	/	/	34.8	9.8	45.5	200	175	Peak
5500	96.44	97.34	/	/	34.8	9.8	45.5	200	175	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	52.88	53.98	74	-21.12	34.6	9.81	45.51	200	45	Peak
5460	48.75	49.85	54	-5.25	34.6	9.81	45.51	200	45	Average
5470	54.56	55.66	68.2	-13.64	34.6	9.81	45.51	200	45	Peak
5500	97	98.1	/	/	34.6	9.8	45.5	200	45	Peak
5500	91.03	92.13	/	/	34.6	9.8	45.5	200	45	Average

REMARKS:

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



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	53.44	54.37	74	-20.56	34.77	9.81	45.51	200	175	Peak
5460	48.66	49.59	54	-5.34	34.77	9.81	45.51	200	175	Average
5470	55.34	56.26	68.2	-12.86	34.78	9.81	45.51	200	175	Peak
5580	102.6	103.37	/	/	34.9	9.83	45.5	200	175	Peak
5580	96.82	97.59	/	/	34.9	9.83	45.5	200	175	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	53.42	54.52	74	-20.58	34.6	9.81	45.51	200	45	Peak
5460	47.41	48.51	54	-6.59	34.6	9.81	45.51	200	45	Average
5470	54.32	55.42	68.2	-13.88	34.6	9.81	45.51	200	45	Peak
5580	97.09	98.06	/	/	34.7	9.83	45.5	200	45	Peak
5580	91.2	92.17	/	/	34.7	9.83	45.5	200	45	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	100.72	101.31	/	/	35.04	9.87	45.5	200	175	Peak
5700	95.43	96.02	/	/	35.04	9.87	45.5	200	175	Average
5725	55.61	56.16	68.2	-12.59	35.07	9.88	45.5	200	175	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	96.4	97.19	/	/	34.84	9.87	45.5	200	45	Peak
5700	90.25	91.04	/	/	34.84	9.87	45.5	200	45	Average
5725	54.6	55.35	68.2	-13.6	34.87	9.88	45.5	200	45	Peak

REMARKS:

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



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	52.35	53.27	68.2	-15.85	34.78	9.81	45.51	200	175	Peak
5720	101.57	102.14	/	/	35.06	9.87	45.5	200	175	Peak
5720	95.18	95.75	/	/	35.06	9.87	45.5	200	175	Average
5850	55.09	55.45	68.2	-13.11	35.22	9.92	45.5	200	175	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	54.63	55.73	68.2	-13.57	34.6	9.81	45.51	200	45	Peak
5720	97.02	97.79	/	/	34.86	9.87	45.5	200	45	Peak
5720	89.44	90.21	/	/	34.86	9.87	45.5	200	45	Average
5850	54.81	55.37	68.2	-13.39	35.02	9.92	45.5	200	45	Peak

REMARKS:

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



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	54.28	55.21	74	-19.72	34.77	9.81	45.51	200	175	Peak
5460	48.19	49.12	54	-5.81	34.77	9.81	45.51	200	175	Average
5470	55.97	56.89	68.2	-12.23	34.78	9.81	45.51	200	175	Peak
5500	102.56	103.46	/	/	34.8	9.8	45.5	200	175	Peak
5500	94.79	95.69	/	/	34.8	9.8	45.5	200	175	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	54.59	74	-20.51	34.6	9.81	45.51	200	45	Peak
5460	48.02	49.12	54	-5.98	34.6	9.81	45.51	200	45	Average
5470	55.61	56.71	68.2	-12.59	34.6	9.81	45.51	200	45	Peak
5500	97.69	98.79	/	/	34.6	9.8	45.5	200	45	Peak
5500	89.3	90.4	/	/	34.6	9.8	45.5	200	45	Average

REMARKS:

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



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	55.37	56.3	74	-18.63	34.77	9.81	45.51	200	175	Peak
5460	47.92	48.85	54	-6.08	34.77	9.81	45.51	200	175	Average
5470	54.3	55.22	68.2	-13.9	34.78	9.81	45.51	200	175	Peak
5580	102.62	103.39	/	/	34.9	9.83	45.5	200	175	Peak
5580	95.44	96.21	/	/	34.9	9.83	45.5	200	175	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	54.66	55.76	74	-19.34	34.6	9.81	45.51	200	45	Peak
5460	47.6	48.7	54	-6.4	34.6	9.81	45.51	200	45	Average
5470	54.59	55.69	68.2	-13.61	34.6	9.81	45.51	200	45	Peak
5580	96.91	97.88	/	/	34.7	9.83	45.5	200	45	Peak
5580	89.64	90.61	/	/	34.7	9.83	45.5	200	45	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	100.15	100.74	/	/	35.04	9.87	45.5	200	175	Peak
5700	93.46	94.05	/	/	35.04	9.87	45.5	200	175	Average
5725	56.24	56.79	68.2	-11.96	35.07	9.88	45.5	200	175	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	95.86	96.65	/	/	34.84	9.87	45.5	200	45	Peak
5700	88.47	89.26	/	/	34.84	9.87	45.5	200	45	Average
5725	54.86	55.61	68.2	-13.34	34.87	9.88	45.5	200	45	Peak

REMARKS:

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



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	51.97	52.89	68.2	-16.23	34.78	9.81	45.51	200	175	Peak
5720	101.63	102.2	/	/	35.06	9.87	45.5	200	175	Peak
5720	93.54	94.11	/	/	35.06	9.87	45.5	200	175	Average
5850	53.58	53.94	68.2	-14.62	35.22	9.92	45.5	200	175	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	53.76	68.2	-15.54	34.6	9.81	45.51	200	45	Peak
5720	95.34	96.11	/	/	34.86	9.87	45.5	200	45	Peak
5720	88.27	89.04	/	/	34.86	9.87	45.5	200	45	Average
5850	55.76	56.32	68.2	-12.44	35.02	9.92	45.5	200	45	Peak

REMARKS:

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



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	53.86	54.79	74	-20.14	34.77	9.81	45.51	200	175	Peak
5460	48.46	49.39	54	-5.54	34.77	9.81	45.51	200	175	Average
5470	55.71	56.63	68.2	-12.49	34.78	9.81	45.51	200	175	Peak
5510	97.02	97.91	/	/	34.81	9.8	45.5	200	175	Peak
5510	92.63	93.52	/	/	34.81	9.8	45.5	200	175	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	53.65	54.75	74	-20.35	34.6	9.81	45.51	200	45	Peak
5460	48.13	49.23	54	-5.87	34.6	9.81	45.51	200	45	Average
5470	54.69	55.79	68.2	-13.51	34.6	9.81	45.51	200	45	Peak
5510	93.11	94.2	/	/	34.61	9.8	45.5	200	45	Peak
5510	87.48	88.57	/	/	34.61	9.8	45.5	200	45	Average

REMARKS:

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



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	51.55	52.48	74	-22.45	34.77	9.81	45.51	200	175	Peak
5460	47.46	48.39	54	-6.54	34.77	9.81	45.51	200	175	Average
5470	53.85	54.77	68.2	-14.35	34.78	9.81	45.51	200	175	Peak
5550	97.74	98.56	/	/	34.86	9.82	45.5	200	175	Peak
5550	92.47	93.29	/	/	34.86	9.82	45.5	200	175	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	54.45	55.55	74	-19.55	34.6	9.81	45.51	200	45	Peak
5460	48.15	49.25	54	-5.85	34.6	9.81	45.51	200	45	Average
5470	55.08	56.18	68.2	-13.12	34.6	9.81	45.51	200	45	Peak
5550	94.65	95.67	/	/	34.66	9.82	45.5	200	45	Peak
5550	88.72	89.74	/	/	34.66	9.82	45.5	200	45	Average

REMARKS:

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



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	96.81	97.45	/	/	35	9.86	45.5	200	175	Peak
5670	92.82	93.46	/	/	35	9.86	45.5	200	175	Average
5725	55.79	56.71	68.2	-12.41	34.78	9.81	45.51	200	175	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	92.81	93.65	/	/	34.8	9.86	45.5	200	45	Peak
5670	86.58	87.42	/	/	34.8	9.86	45.5	200	45	Average
5725	55.06	55.81	68.2	-13.14	34.87	9.88	45.5	200	45	Peak

REMARKS:

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



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	53.26	54.18	68.2	-14.94	34.78	9.81	45.51	200	175	Peak
5710	98.18	98.76	/	/	35.05	9.87	45.5	200	175	Peak
5710	93.46	94.04	/	/	35.05	9.87	45.5	200	175	Average
5850	55.33	55.69	68.2	-12.87	35.22	9.92	45.5	200	175	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	52.74	53.84	68.2	-15.46	34.6	9.81	45.51	200	45	Peak
5710	93.57	94.35	/	/	34.85	9.87	45.5	200	45	Peak
5710	87.69	88.47	/	/	34.85	9.87	45.5	200	45	Average
5850	55.62	56.18	68.2	-12.58	35.02	9.92	45.5	200	45	Peak

REMARKS:

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



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	52.56	53.49	74	-21.44	34.77	9.81	45.51	200	45	Peak
5460	47.68	48.61	54	-6.32	34.77	9.81	45.51	200	45	Average
5470	52.73	53.65	68.2	-15.47	34.78	9.81	45.51	200	45	Peak
5500	99.75	100.65	/	/	34.8	9.8	45.5	200	45	Peak
5500	94.06	94.96	/	/	34.8	9.8	45.5	200	45	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	54.59	74	-20.51	34.6	9.81	45.51	200	45	Peak
5460	47.97	49.07	54	-6.03	34.6	9.81	45.51	200	45	Average
5470	54.93	56.03	68.2	-13.27	34.6	9.81	45.51	200	45	Peak
5500	93.85	94.95	/	/	34.6	9.8	45.5	200	45	Peak
5500	87.18	88.28	/	/	34.6	9.8	45.5	200	45	Average

REMARKS:

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



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	53.27	54.2	74	-20.73	34.77	9.81	45.51	200	175	Peak
5460	47.6	48.53	54	-6.4	34.77	9.81	45.51	200	175	Average
5470	55.38	56.3	68.2	-12.82	34.78	9.81	45.51	200	175	Peak
5580	100.29	101.06	/	/	34.9	9.83	45.5	200	175	Peak
5580	93.17	93.94	/	/	34.9	9.83	45.5	200	175	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	52.31	53.41	74	-21.69	34.6	9.81	45.51	200	45	Peak
5460	46.39	47.49	54	-7.61	34.6	9.81	45.51	200	45	Average
5470	52.44	53.54	68.2	-15.76	34.6	9.81	45.51	200	45	Peak
5580	93.28	94.25	/	/	34.7	9.83	45.5	200	45	Peak
5580	87.21	88.18	/	/	34.7	9.83	45.5	200	45	Average

REMARKS:

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



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	101.76	102.35	/	/	35.04	9.87	45.5	200	175	Peak
5700	93.92	94.51	/	/	35.04	9.87	45.5	200	175	Average
5725	56.62	57.17	68.2	-11.58	35.07	9.88	45.5	200	175	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	95.07	95.86	/	/	34.84	9.87	45.5	200	45	Peak
5700	88.36	89.15	/	/	34.84	9.87	45.5	200	45	Average
5725	55.37	56.12	68.2	-12.83	34.87	9.88	45.5	200	45	Peak

REMARKS:

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



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	53.13	54.05	68.2	-15.07	34.78	9.81	45.51	200	175	Peak
5720	100.89	101.46	/	/	35.06	9.87	45.5	200	175	Peak
5720	94.16	94.73	/	/	35.06	9.87	45.5	200	175	Average
5850	54.83	55.19	68.2	-13.37	35.22	9.92	45.5	200	175	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	53.18	54.28	68.2	-15.02	34.6	9.81	45.51	200	45	Peak
5720	95.57	96.34	/	/	34.86	9.87	45.5	200	45	Peak
5720	88.6	89.37	/	/	34.86	9.87	45.5	200	45	Average
5850	53.08	53.64	68.2	-15.12	35.02	9.92	45.5	200	45	Peak

REMARKS:

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



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	53.85	54.78	74	-20.15	34.77	9.81	45.51	200	175	Peak
5460	47.87	48.8	54	-6.13	34.77	9.81	45.51	200	175	Average
5470	54.8	55.72	68.2	-13.4	34.78	9.81	45.51	200	175	Peak
5510	95.39	96.28	/	/	34.81	9.8	45.5	200	175	Peak
5510	90.83	91.72	/	/	34.81	9.8	45.5	200	175	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	52.36	53.46	74	-21.64	34.6	9.81	45.51	200	175	Peak
5460	47.16	48.26	54	-6.84	34.6	9.81	45.51	200	175	Average
5470	52.6	53.7	68.2	-15.6	34.6	9.81	45.51	200	175	Peak
5510	92.36	93.45	/	/	34.61	9.8	45.5	200	175	Peak
5510	85.43	86.52	/	/	34.61	9.8	45.5	200	175	Average

REMARKS:

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



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	52.54	53.47	74	-21.46	34.77	9.81	45.51	200	175	Peak
5460	47.66	48.59	54	-6.34	34.77	9.81	45.51	200	175	Average
5470	52.94	53.86	68.2	-15.26	34.78	9.81	45.51	200	175	Peak
5550	95.02	95.84	/	/	34.86	9.82	45.5	200	175	Peak
5550	90.36	91.18	/	/	34.86	9.82	45.5	200	175	Average

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.38	54.48	74	-20.62	34.6	9.81	45.51	200	45	Peak
5460	47.21	48.31	54	-6.79	34.6	9.81	45.51	200	45	Average
5470	52.87	53.97	68.2	-15.33	34.6	9.81	45.51	200	45	Peak
5550	91.51	92.53	/	/	34.66	9.82	45.5	200	45	Peak
5550	86.48	87.5	/	/	34.66	9.82	45.5	200	45	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	95.19	95.83	/	/	35	9.86	45.5	200	175	Peak
5670	90.43	91.07	/	/	35	9.86	45.5	200	175	Average
5725	55.8	56.35	68.2	-12.4	35.07	9.88	45.5	200	175	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	92.65	93.49	/	/	34.8	9.86	45.5	200	45	Peak
5670	85.72	86.56	/	/	34.8	9.86	45.5	200	45	Average
5725	55.08	55.83	68.2	-13.12	34.87	9.88	45.5	200	45	Peak

REMARKS:

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



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	53.19	54.11	68.2	-15.01	34.78	9.81	45.51	200	175	Peak
5710	95.69	96.27	/	/	35.05	9.87	45.5	200	175	Peak
5710	90.92	91.5	/	/	35.05	9.87	45.5	200	175	Average
5850	53.28	53.64	68.2	-14.92	35.22	9.92	45.5	200	175	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	52.54	53.64	68.2	-15.66	34.6	9.81	45.51	200	45	Peak
5710	91.83	92.61	/	/	34.85	9.87	45.5	200	45	Peak
5710	85.51	86.29	/	/	34.85	9.87	45.5	200	45	Average
5850	53.71	54.27	68.2	-14.49	35.02	9.92	45.5	200	45	Peak

REMARKS:

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



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	54.12	55.05	74	-19.88	34.77	9.81	45.51	200	175	Peak
5460	49.65	50.58	54	-4.35	34.77	9.81	45.51	200	175	Average
5470	53.34	54.26	68.2	-14.86	34.78	9.81	45.51	200	175	Peak
5530	91.95	92.8	/	/	34.84	9.81	45.5	200	175	Peak
5530	88	88.85	/	/	34.84	9.81	45.5	200	175	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	52.75	53.85	74	-21.25	34.6	9.81	45.51	200	45	Peak
5460	47.48	48.58	54	-6.52	34.6	9.81	45.51	200	45	Average
5470	53.09	54.19	68.2	-15.11	34.6	9.81	45.51	200	45	Peak
5530	87.99	89.04	/	/	34.64	9.81	45.5	200	45	Peak
5530	82.11	83.16	/	/	34.64	9.81	45.5	200	45	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5530MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.84	53.77	74	-21.16	34.77	9.81	45.51	200	175	Peak
5460	47.6	48.53	54	-6.4	34.77	9.81	45.51	200	175	Average
5470	53.64	54.56	68.2	-14.56	34.78	9.81	45.51	200	175	Peak
5610	91.81	92.54	/	/	34.93	9.84	45.5	200	175	Peak
5610	85.62	86.35	/	/	34.93	9.84	45.5	200	175	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	52.55	53.65	74	-21.45	34.6	9.81	45.51	200	45	Peak
5460	47.2	48.3	54	-6.8	34.6	9.81	45.51	200	45	Average
5470	54.54	55.64	68.2	-13.66	34.6	9.81	45.51	200	45	Peak
5610	86.56	87.49	/	/	34.73	9.84	45.5	200	45	Peak
5610	82.08	83.01	/	/	34.73	9.84	45.5	200	45	Average

REMARKS:

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



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	51.84	52.76	68.2	-16.36	34.78	9.81	45.51	200	175	Peak
5690	90.63	91.24	/	/	35.03	9.86	45.5	200	175	Peak
5690	86.79	87.4	/	/	35.03	9.86	45.5	200	175	Average
5850	54.63	54.99	68.2	-13.57	35.22	9.92	45.5	200	175	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	52.54	53.64	68.2	-15.66	34.6	9.81	45.51	200	45	Peak
5690	87.84	88.65	/	/	34.83	9.86	45.5	200	45	Peak
5690	82.43	83.24	/	/	34.83	9.86	45.5	200	45	Average
5850	53.19	53.75	68.2	-15.01	35.02	9.92	45.5	200	45	Peak

REMARKS:

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



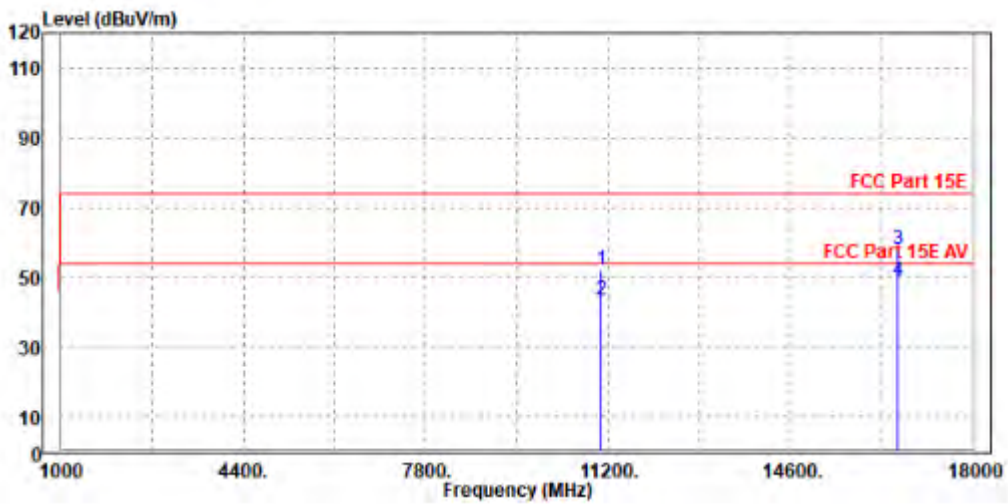
802.11ac (80MHz)

Worst case harmonic:

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

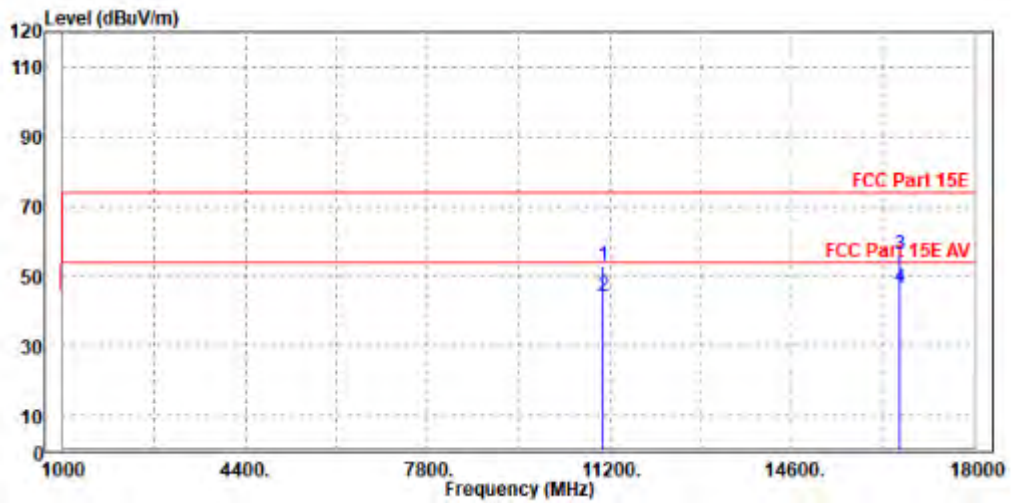
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11064.000	52.21	45.06	74.00	-21.79	7.15	Peak	Horizontal
2	11064.000	43.37	36.22	54.00	-10.63	7.15	Average	Horizontal
3	PK16590.000	57.84	41.81	74.00	-16.16	16.03	Peak	Horizontal
4	PP16590.000	48.86	32.83	54.00	-5.14	16.03	Average	Horizontal





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11060.000	53.03	45.48	74.00	-20.97	7.55	Peak	Vertical
2	11060.000	44.37	36.82	54.00	-9.63	7.55	Average	Vertical
3	PK16589.000	56.03	41.89	74.00	-17.97	14.14	Peak	Vertical
4	PP16589.000	46.51	32.37	54.00	-7.49	14.14	Average	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5530MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



Band 4:

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	102.32	102.85	/	/	35.09	9.88	45.5	200	175	Peak
5745	95.06	95.59	/	/	35.09	9.88	45.5	200	175	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	95.54	96.27	/	/	34.89	9.88	45.5	200	45	Peak
5745	89.44	90.17	/	/	34.89	9.88	45.5	200	45	Average

REMARKS:

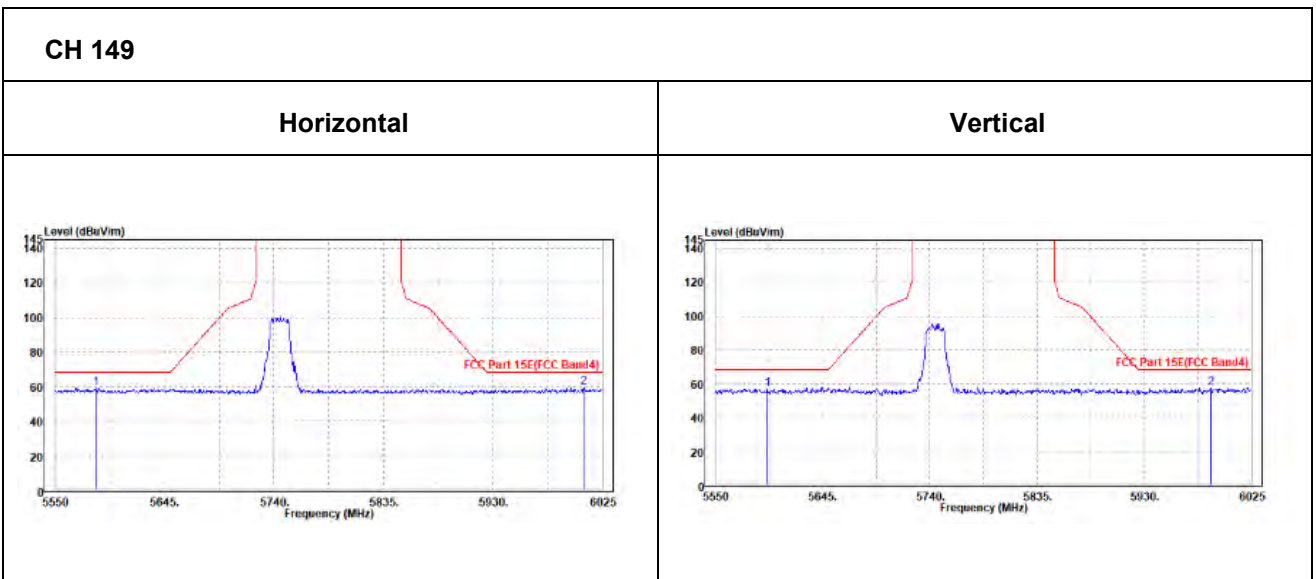
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5745MHz: Fundamental frequency.



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
5585.15	59.11	59.88	68.2	-9.09	34.9	9.83	45.5	200	360	Peak
6008.85	59.51	59.63	68.2	-8.69	35.4	9.98	45.5	200	360	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
5596.075	57.01	57.96	68.2	-11.19	34.72	9.83	45.5	200	0	Peak
5988.9	57.26	57.6	68.2	-10.94	35.19	9.97	45.5	200	0	Peak





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	102.21	102.67	/	/	35.14	9.9	45.5	200	175	Peak
5785	94.97	95.43	/	/	35.14	9.9	45.5	200	175	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	95.53	96.19	/	/	34.94	9.9	45.5	200	45	Peak
5785	88.44	89.1	/	/	34.94	9.9	45.5	200	45	Average

REMARKS:

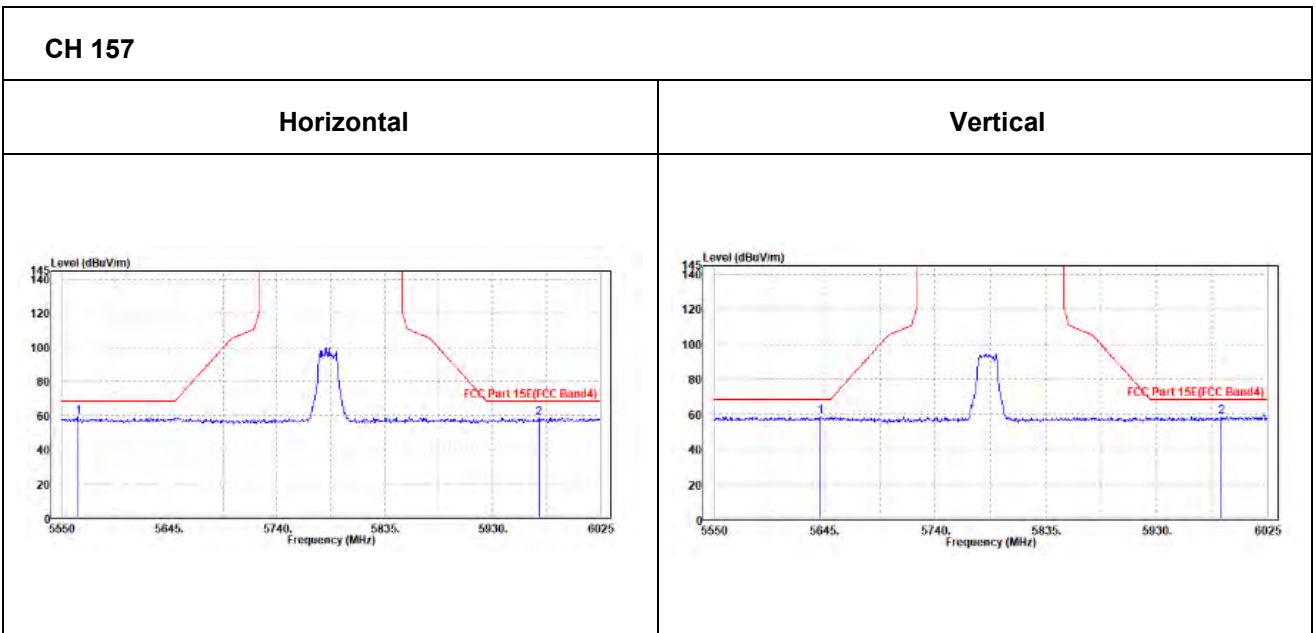
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5785MHz: Fundamental frequency.



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
5564.25	59.16	59.96	68.2	-9.04	34.88	9.82	45.5	200	0	Peak
5971.325	58.69	58.86	68.2	-9.51	35.37	9.96	45.5	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
5641.2	58.19	59.07	68.2	-10.01	34.77	9.85	45.5	200	360	Peak
5986.05	58.69	59.04	68.2	-9.51	35.18	9.97	45.5	200	360	Peak





CHANNEL	TX Channel 165	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
5825	101.16	101.56	/	/	35.19	9.91	45.5	200	175	Peak
5825	94.5	94.9	/	/	35.19	9.91	45.5	200	175	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
5825	94.41	95.01	/	/	34.99	9.91	45.5	200	45	Peak
5825	88.57	89.17	/	/	34.99	9.91	45.5	200	45	Average

REMARKS:

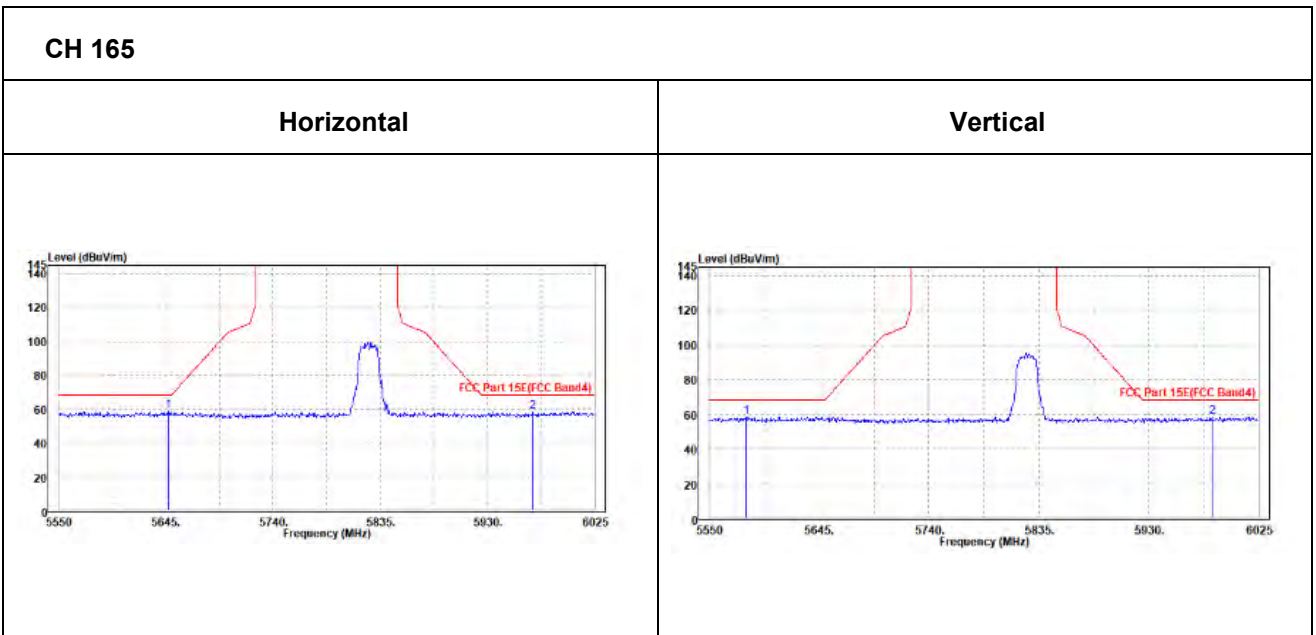
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5825MHz: Fundamental frequency.



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
5647.375	59.01	59.68	68.2	-9.19	34.98	9.85	45.5	200	360	Peak
5970.375	58.18	58.36	68.2	-10.02	35.36	9.96	45.5	200	360	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
5581.825	58.44	59.41	68.2	-9.76	34.7	9.83	45.5	200	0	Peak
5984.625	58.29	58.65	68.2	-9.91	35.18	9.96	45.5	200	0	Peak





802.11n (20MHz)

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	103.16	103.69	/	/	35.09	9.88	45.5	200	175	Peak
5745	94.45	94.98	/	/	35.09	9.88	45.5	200	175	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	96.84	97.57	/	/	34.89	9.88	45.5	200	45	Peak
5745	88.74	89.47	/	/	34.89	9.88	45.5	200	45	Average

REMARKS:

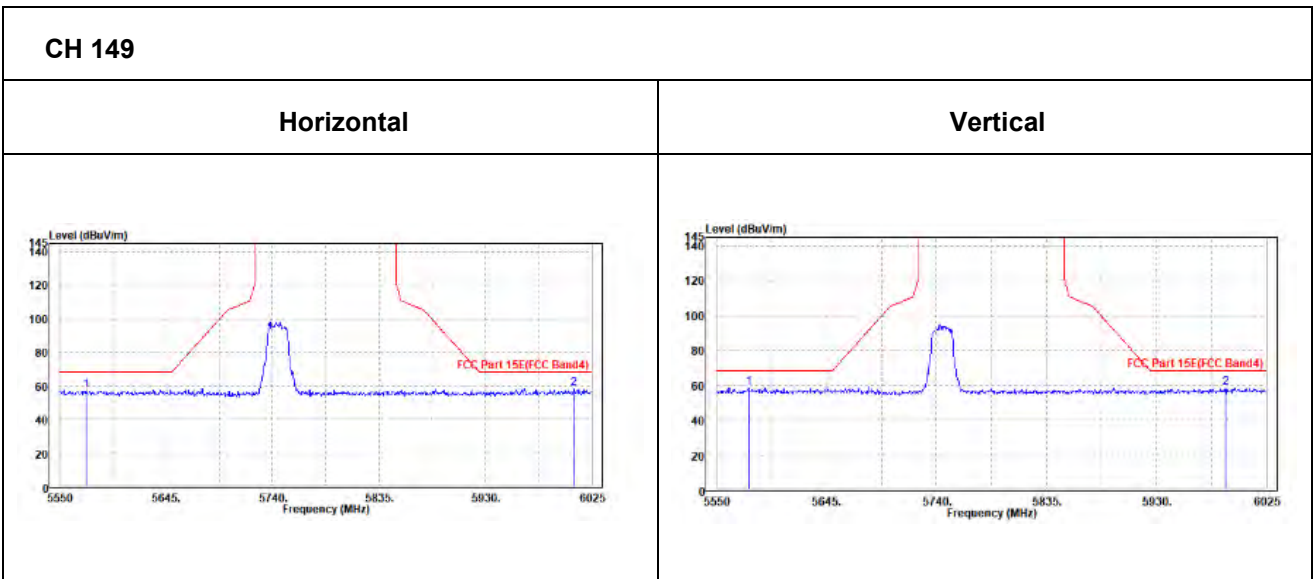
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5745MHz: Fundamental frequency.



OOBE DATA

802.11n (20MHZ)

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
5573.75	57.45	58.23	68.2	-10.75	34.89	9.83	45.5	200	0	Peak
6009.325	58.39	58.51	68.2	-9.81	35.4	9.98	45.5	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
5577.55	58.47	59.45	68.2	-9.73	34.69	9.83	45.5	200	360	Peak
5989.85	58.54	58.88	68.2	-9.66	35.19	9.97	45.5	200	360	Peak





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	100.88	101.34	/	/	35.14	9.9	45.5	200	175	Peak
5785	93.99	94.45	/	/	35.14	9.9	45.5	200	175	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	97.14	97.8	/	/	34.94	9.9	45.5	200	40	Peak
5785	89.78	90.44	/	/	34.94	9.9	45.5	200	40	Average

REMARKS:

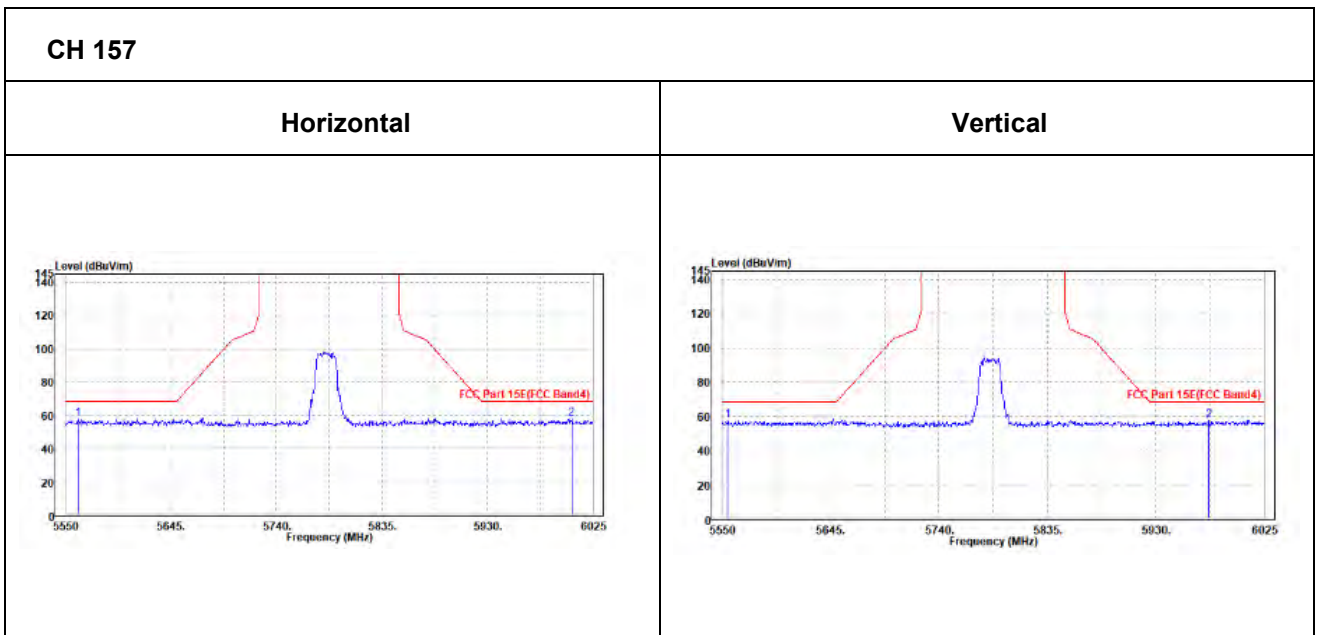
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5785MHz: Fundamental frequency.



OBE DATA

802.11n (20MHZ)

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
5560.925	58.07	58.88	68.2	-10.13	34.87	9.82	45.5	200	360	Peak
6006	57.74	57.87	68.2	-10.46	35.4	9.97	45.5	200	360	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
5554.75	57.4	58.41	68.2	-10.8	34.67	9.82	45.5	200	0	Peak
5976.55	57.38	57.75	68.2	-10.82	35.17	9.96	45.5	200	0	Peak





CHANNEL	TX Channel 165	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
5825	100.89	101.29	/	/	35.19	9.91	45.5	200	175	Peak
5825	93.3	93.7	/	/	35.19	9.91	45.5	200	175	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
5825	96.09	96.69	/	/	34.99	9.91	45.5	200	40	Peak
5825	88.86	89.46	/	/	34.99	9.91	45.5	200	40	Average

REMARKS:

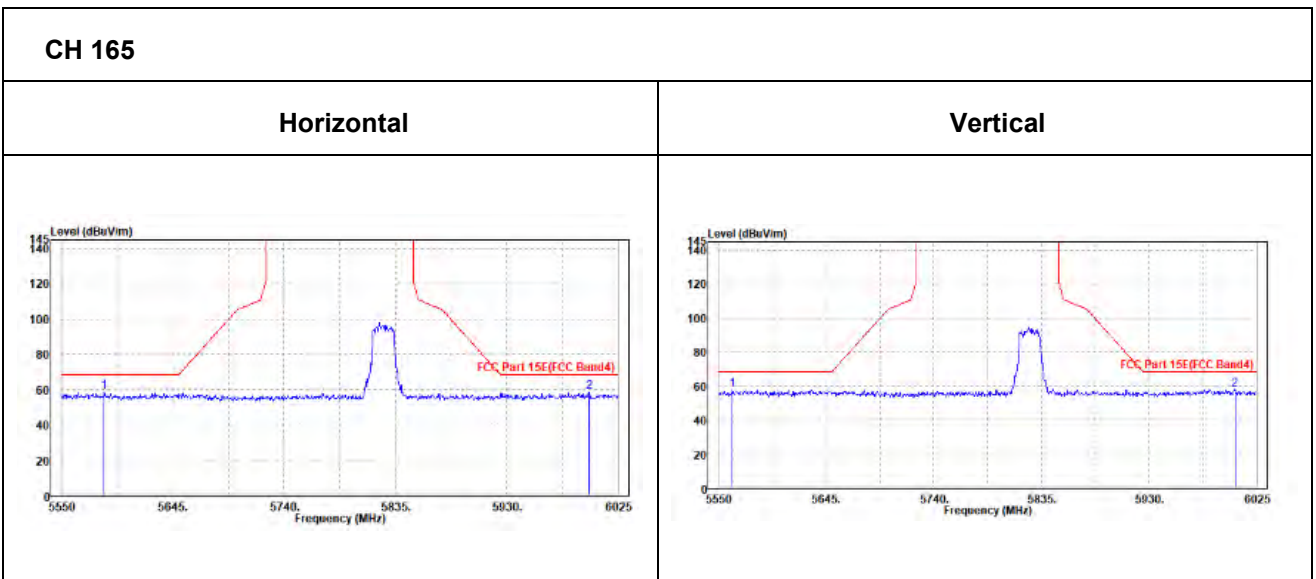
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5825MHz: Fundamental frequency.



Oobe Data

802.11n (20MHz)

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
5586.1	58.51	59.28	68.2	-9.69	34.9	9.83	45.5	200	0	Peak
6000.3	58.61	58.74	68.2	-9.59	35.4	9.97	45.5	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
5562.35	57.86	58.87	68.2	-10.34	34.67	9.82	45.5	200	360	Peak
6006	57.7	58.02	68.2	-10.5	35.21	9.97	45.5	200	360	Peak





802.11n (40MHz)

CHANNEL	TX Channel 151	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
5755	95.67	96.17	/	/	35.11	9.89	45.5	200	175	Peak
5755	90.97	91.47	/	/	35.11	9.89	45.5	200	175	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
5755	93.02	93.72	/	/	34.91	9.89	45.5	200	40	Peak
5755	87.91	88.61	/	/	34.91	9.89	45.5	200	40	Average

REMARKS:

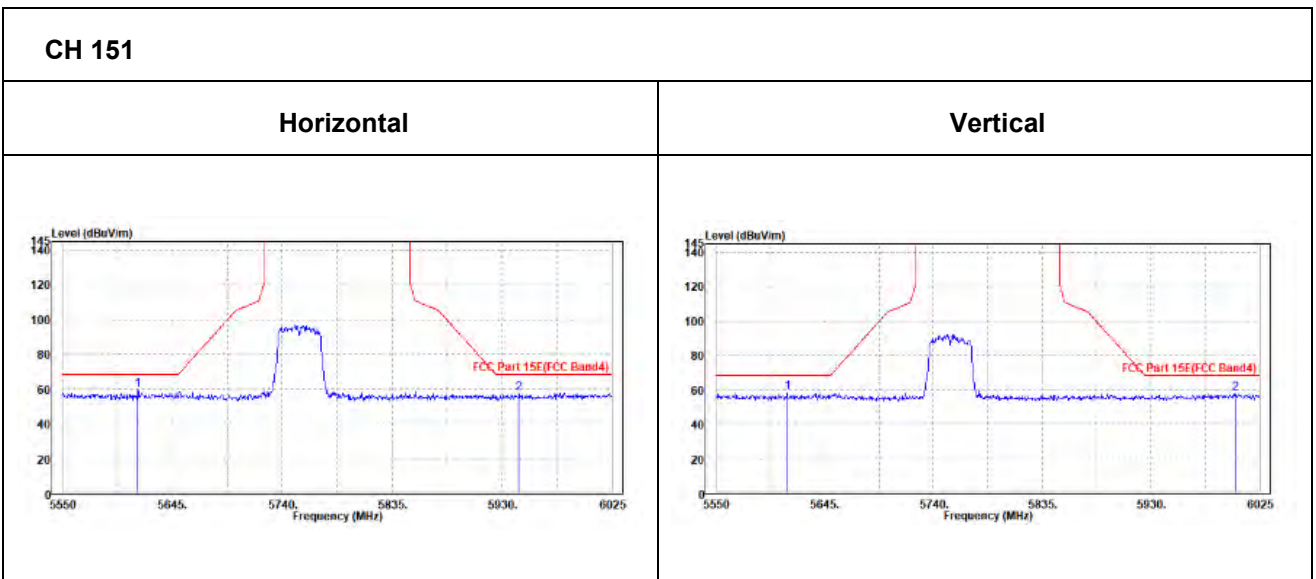
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5755MHz: Fundamental frequency.



Oobe Data

802.11n (40MHz)

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
5615.075	59.32	60.04	68.2	-8.88	34.94	9.84	45.5	200	360	Peak
5944.725	57.49	57.71	68.2	-10.71	35.33	9.95	45.5	200	360	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
5612.225	58.28	59.21	68.2	-9.92	34.73	9.84	45.5	200	0	Peak
6003.625	58.08	58.41	68.2	-10.12	35.2	9.97	45.5	200	0	Peak





CHANNEL	TX Channel 159	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
5795	96.77	97.22	/	/	35.15	9.9	45.5	200	175	Peak
5795	90.88	91.33	/	/	35.15	9.9	45.5	200	175	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
5795	92.7	93.35	/	/	34.95	9.9	45.5	200	40	Peak
5795	87.07	87.72	/	/	34.95	9.9	45.5	200	40	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5795MHz: Fundamental frequency.



OOBE DATA

802.11n (40MHZ)

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
5575.65	58.13	58.91	68.2	-10.07	34.89	9.83	45.5	200	0	Peak
5968.95	58.13	58.31	68.2	-10.07	35.36	9.96	45.5	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
5615.55	58.99	59.91	68.2	-9.21	34.74	9.84	45.5	200	360	Peak
5946.625	57.87	58.28	68.2	-10.33	35.14	9.95	45.5	200	360	Peak

