



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	97.98	98.26	/	/	34.76	11.64	46.68	100	60	Peak
5700	91.95	92.23	/	/	34.76	11.64	46.68	100	60	Average
5725	54.11	54.33	68.2	-14.09	34.81	11.65	46.68	100	60	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	107.72	107.74	/	/	35.02	11.64	46.68	100	290	Peak
5700	100.99	101.01	/	/	35.02	11.64	46.68	100	290	Average
5725	60.82	60.79	68.2	-7.38	35.06	11.65	46.68	100	290	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.



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	52.31	53.02	74	-21.69	34.38	11.52	46.61	100	60	Peak
5460	47.5	48.21	54	-6.5	34.38	11.52	46.61	100	60	Average
5470	51.82	52.51	68.2	-16.38	34.39	11.53	46.61	100	60	Peak
5510	93.6	94.24	/	/	34.42	11.56	46.62	100	60	Peak
5510	89.16	89.8	/	/	34.42	11.56	46.62	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
5460	53.69	54.11	74	-20.31	34.67	11.52	46.61	100	290	Peak
5460	49.72	50.14	54	-4.28	34.67	11.52	46.61	100	290	Average
5470	58.46	58.86	68.2	-9.74	34.68	11.53	46.61	100	290	Peak
5510	102.07	102.41	/	/	34.72	11.56	46.62	100	290	Peak
5510	98.74	99.08	/	/	34.72	11.56	46.62	100	290	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	50.74	51.45	74	-23.26	34.38	11.52	46.61	100	60	Peak
5460	46.65	47.36	54	-7.35	34.38	11.52	46.61	100	60	Average
5470	51.44	52.13	68.2	-16.76	34.39	11.53	46.61	100	60	Peak
5550	94.12	94.68	/	/	34.49	11.58	46.63	100	60	Peak
5550	89.54	90.1	/	/	34.49	11.58	46.63	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
5460	52.64	53.06	74	-21.36	34.67	11.52	46.61	100	290	Peak
5460	48.08	48.5	54	-5.92	34.67	11.52	46.61	100	290	Average
5470	52.54	52.94	68.2	-15.66	34.68	11.53	46.61	100	290	Peak
5550	102.72	102.99	/	/	34.78	11.58	46.63	100	290	Peak
5550	98.56	98.83	/	/	34.78	11.58	46.63	100	290	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	91.73	92.07	/	/	34.71	11.62	46.67	100	60	Peak
5670	87.92	88.26	/	/	34.71	11.62	46.67	100	60	Average
5725	53.39	53.61	68.2	-14.81	34.81	11.65	46.68	100	60	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	102.64	102.72	/	/	34.97	11.62	46.67	1000	290	Peak
5670	98.55	98.63	/	/	34.97	11.62	46.67	1000	290	Average
5725	54.19	54.16	68.2	-14.01	35.06	11.65	46.68	1000	290	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.



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	52.98	53.69	74	-21.02	34.38	11.52	46.61	100	60	Peak
5460	47.32	48.03	54	-6.68	34.38	11.52	46.61	100	60	Average
5470	54.01	54.7	68.2	-14.19	34.39	11.53	46.61	100	60	Peak
5500	101.39	102.05	/	/	34.4	11.56	46.62	100	60	Peak
5500	91.97	92.63	/	/	34.4	11.56	46.62	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
5460	53.69	54.11	74	-20.31	34.67	11.52	46.61	100	290	Peak
5460	47.94	48.36	54	-6.06	34.67	11.52	46.61	100	290	Average
5470	56.14	56.54	68.2	-12.06	34.68	11.53	46.61	100	290	Peak
5500	110.63	110.99	/	/	34.7	11.56	46.62	100	290	Peak
5500	101.26	101.62	/	/	34.7	11.56	46.62	100	290	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	51.78	52.49	74	-22.22	34.38	11.52	46.61	100	60	Peak
5460	47.13	47.84	54	-6.87	34.38	11.52	46.61	100	60	Average
5470	52.56	53.25	68.2	-15.64	34.39	11.53	46.61	100	60	Peak
5580	100.91	101.42	/	/	34.54	11.59	46.64	100	60	Peak
5580	91.44	91.95	/	/	34.54	11.59	46.64	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
5460	51.88	52.3	74	-22.12	34.67	11.52	46.61	100	290	Peak
5460	47.03	47.45	54	-6.97	34.67	11.52	46.61	100	290	Average
5470	53.88	54.28	68.2	-14.32	34.68	11.53	46.61	100	290	Peak
5580	109.39	109.61	/	/	34.83	11.59	46.64	100	290	Peak
5580	101.55	101.77	/	/	34.83	11.59	46.64	100	290	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	100.43	100.71	/	/	34.76	11.64	46.68	100	60	Peak
5700	93.4	93.68	/	/	34.76	11.64	46.68	100	60	Average
5725	53.41	53.63	68.2	-14.79	34.81	11.65	46.68	100	60	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	108.7	108.72	/	/	35.02	11.64	46.68	100	290	Peak
5700	100.48	100.5	/	/	35.02	11.64	46.68	100	290	Average
5725	62.87	62.84	68.2	-5.33	35.06	11.65	46.68	100	290	Peak

REMARKS:

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



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	53.5	54.21	74	-20.5	34.38	11.52	46.61	100	25	Peak
5460	47.68	48.39	54	-6.32	34.38	11.52	46.61	100	25	Average
5470	52.78	53.47	68.2	-15.42	34.39	11.53	46.61	100	25	Peak
5510	94.51	95.15	/	/	34.42	11.56	46.62	100	25	Peak
5510	88.94	89.58	/	/	34.42	11.56	46.62	100	25	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	53.12	53.54	74	-20.88	34.67	11.52	46.61	100	290	Peak
5460	49.44	49.86	54	-4.56	34.67	11.52	46.61	100	290	Average
5470	57.86	58.26	68.2	-10.34	34.68	11.53	46.61	100	290	Peak
5510	102.8	103.14	/	/	34.72	11.56	46.62	100	290	Peak
5510	98.23	98.57	/	/	34.72	11.56	46.62	100	290	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	51.25	51.96	74	-22.75	34.38	11.52	46.61	100	60	Peak
5460	47.04	47.75	54	-6.96	34.38	11.52	46.61	100	60	Average
5470	51.41	52.1	68.2	-16.79	34.39	11.53	46.61	100	60	Peak
5550	93.9	94.46	/	/	34.49	11.58	46.63	100	60	Peak
5550	88.57	89.13	/	/	34.49	11.58	46.63	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
5460	51.42	51.84	74	-22.58	34.67	11.52	46.61	100	290	Peak
5460	47.87	48.29	54	-6.13	34.67	11.52	46.61	100	290	Average
5470	52.38	52.78	68.2	-15.82	34.68	11.53	46.61	100	290	Peak
5550	104.03	104.3	/	/	34.78	11.58	46.63	100	290	Peak
5550	98.44	98.71	/	/	34.78	11.58	46.63	100	290	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	94.39	94.73	/	/	34.71	11.62	46.67	100	20	Peak
5670	88.91	89.25	/	/	34.71	11.62	46.67	100	20	Average
5725	51.82	52.04	68.2	-16.38	34.81	11.65	46.68	100	20	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	104.49	104.57	/	/	34.97	11.62	46.67	100	290	Peak
5670	98.65	98.73	/	/	34.97	11.62	46.67	100	290	Average
5725	55.17	55.14	68.2	-13.03	35.06	11.65	46.68	100	290	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.



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	50.78	51.49	74	-23.22	34.38	11.52	46.61	100	25	Peak
5460	47.72	48.43	54	-6.28	34.38	11.52	46.61	100	25	Average
5470	51.8	52.49	68.2	-16.4	34.39	11.53	46.61	100	25	Peak
5530	89.61	90.22	/	/	34.45	11.57	46.63	100	25	Peak
5530	84.82	85.43	/	/	34.45	11.57	46.63	100	25	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	52.83	53.25	74	-21.17	34.67	11.52	46.61	100	290	Peak
5460	50.99	51.41	54	-3.01	34.67	11.52	46.61	100	290	Average
5470	54.55	54.95	68.2	-13.65	34.68	11.53	46.61	100	290	Peak
5530	98.57	98.88	/	/	34.75	11.57	46.63	100	290	Peak
5530	94.12	94.43	/	/	34.75	11.57	46.63	100	290	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.35	53.06	74	-21.65	34.38	11.52	46.61	100	25	Peak
5460	47.21	47.92	54	-6.79	34.38	11.52	46.61	100	25	Average
5470	51.93	52.62	68.2	-16.27	34.39	11.53	46.61	100	25	Peak
5610	90.03	90.48	/	/	34.6	11.6	46.65	100	25	Peak
5610	84.79	85.24	/	/	34.6	11.6	46.65	100	25	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	52.13	52.55	74	-21.87	34.67	11.52	46.61	100	290	Peak
5460	48.1	48.52	54	-5.9	34.67	11.52	46.61	100	290	Average
5470	52.81	53.21	68.2	-15.39	34.68	11.53	46.61	100	290	Peak
5610	99.71	99.88	/	/	34.88	11.6	46.65	100	290	Peak
5610	95.49	95.66	/	/	34.88	11.6	46.65	100	290	Average

REMARKS:

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



802.11ax (160MHz)

CHANNEL	TX Channel 114	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	52.42	53.13	74	-21.58	34.38	11.52	46.61	100	50	Peak
5460	48.52	49.23	54	-5.48	34.38	11.52	46.61	100	50	Average
5470	52.95	53.64	68.2	-15.25	34.39	11.53	46.61	100	50	Peak
5570	85.82	86.34	/	/	34.53	11.59	46.64	100	50	Peak
5570	79.8	80.32	/	/	34.53	11.59	46.64	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	54.29	54.71	74	-19.71	34.67	11.52	46.61	100	290	Peak
5460	50.15	50.57	54	-3.85	34.67	11.52	46.61	100	290	Average
5470	56.07	56.47	68.2	-12.13	34.68	11.53	46.61	100	290	Peak
5570	96.31	96.55	/	/	34.81	11.59	46.64	100	290	Peak
5570	90.19	90.43	/	/	34.81	11.59	46.64	100	290	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5570MHz: Fundamental frequency.
- #: Out of restricted band.



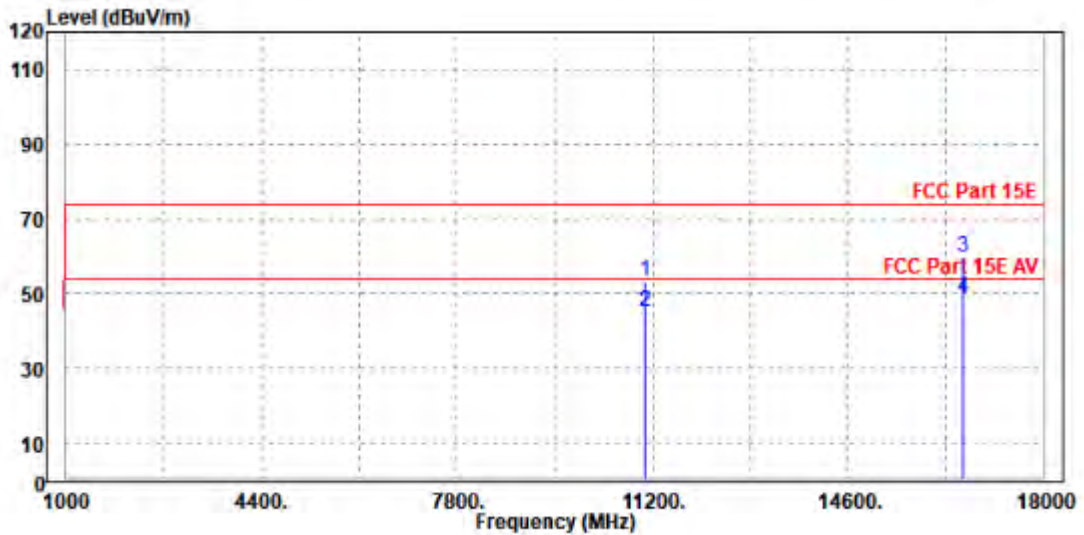
802.11ax (80MHz)

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

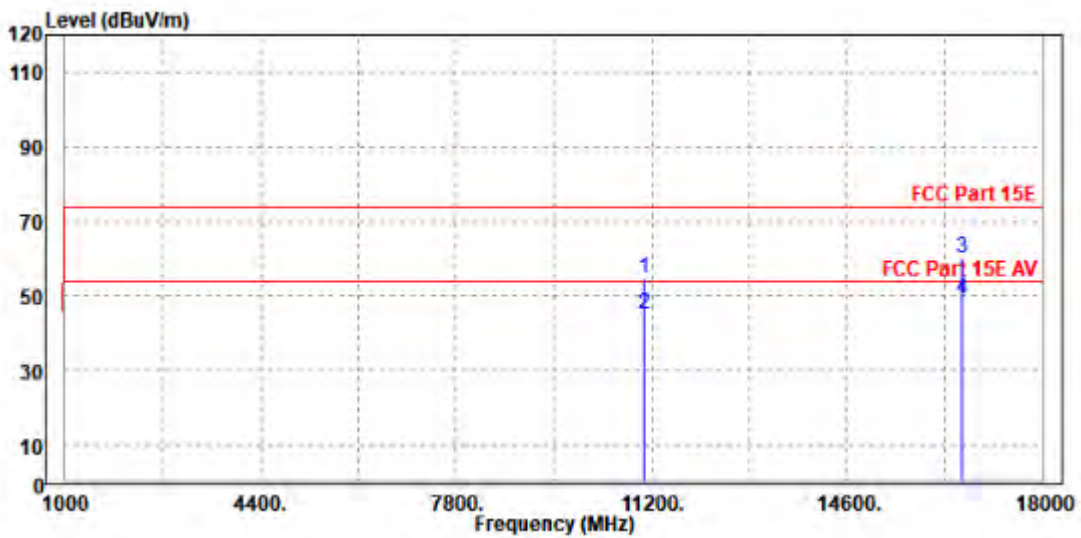
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11060.000	53.48	45.02	74.00	-20.52	8.46	Peak	Horizontal
2	11060.000	45.36	36.90	54.00	-8.64	8.46	Average	Horizontal
3	PK16589.000	59.98	43.31	74.00	-14.02	16.67	Peak	Horizontal
4	PP16589.000	49.02	32.35	54.00	-4.98	16.67	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	11064.000	54.91	46.25	74.00	-19.09	8.66	Peak	Vertical
2	11064.000	45.09	36.43	54.00	-8.91	8.66	Average	Vertical
3	PK16590.000	60.39	43.61	74.00	-13.61	16.78	Peak	Vertical
4	PP16590.000	49.24	32.46	54.00	-4.76	16.78	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.



5G WIFI-RU

802.11ax (20MHz) (RU26):

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	52.55	53.26	74	-21.45	34.38	11.52	46.61	100	45	Peak
5460	47.34	48.05	54	-6.66	34.38	11.52	46.61	100	45	Average
5470	53.67	54.36	68.2	-14.53	34.39	11.53	46.61	100	45	Peak
5500	103.39	104.05	/	/	34.4	11.56	46.62	100	45	Peak
5500	94.79	95.45	/	/	34.4	11.56	46.62	100	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	52.64	53.06	74	-21.36	34.67	11.52	46.61	100	268	Peak
5460	47.98	48.4	54	-6.02	34.67	11.52	46.61	100	268	Average
5470	54.66	55.06	68.2	-13.54	34.68	11.53	46.61	100	268	Peak
5500	112.15	112.51	/	/	34.7	11.56	46.62	100	268	Peak
5500	105.34	105.7	/	/	34.7	11.56	46.62	100	268	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	53.39	74	-21.32	34.38	11.52	46.61	100	45	Peak
5460	47.5	48.21	54	-6.5	34.38	11.52	46.61	100	45	Average
5470	52.31	53	68.2	-15.89	34.39	11.53	46.61	100	45	Peak
5580	100.81	101.32	/	/	34.54	11.59	46.64	100	45	Peak
5580	91.88	92.39	/	/	34.54	11.59	46.64	100	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	51.93	52.35	74	-22.07	34.67	11.52	46.61	100	268	Peak
5460	47.16	47.58	54	-6.84	34.67	11.52	46.61	100	268	Average
5470	54.18	54.58	68.2	-14.02	34.68	11.53	46.61	100	268	Peak
5580	111.3	111.52	/	/	34.83	11.59	46.64	100	268	Peak
5580	103.85	104.07	/	/	34.83	11.59	46.64	100	268	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	101.55	101.83	/	/	34.76	11.64	46.68	100	360	Peak
5700	94.84	95.12	/	/	34.76	11.64	46.68	100	360	Average
5725	54.03	54.25	68.2	-14.17	34.81	11.65	46.68	100	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
5700	110.06	110.08	/	/	35.02	11.64	46.68	100	268	Peak
5700	101.63	101.65	/	/	35.02	11.64	46.68	100	268	Average
5725	54	53.97	68.2	-14.2	35.06	11.65	46.68	100	268	Peak

REMARKS:

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



802.11ax (20MHz) (RU52):

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	52.91	53.62	74	-21.09	34.38	11.52	46.61	100	45	Peak
5460	47.55	48.26	54	-6.45	34.38	11.52	46.61	100	45	Average
5470	53.71	54.4	68.2	-14.49	34.39	11.53	46.61	100	45	Peak
5500	101.83	102.49	/	/	34.4	11.56	46.62	100	45	Peak
5500	94.3	94.96	/	/	34.4	11.56	46.62	100	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	52.2	52.62	74	-21.8	34.67	11.52	46.61	100	268	Peak
5460	48.28	48.7	54	-5.72	34.67	11.52	46.61	100	268	Average
5470	52.26	52.66	68.2	-15.94	34.68	11.53	46.61	100	268	Peak
5500	110.8	111.16	/	/	34.7	11.56	46.62	100	268	Peak
5500	103.38	103.74	/	/	34.7	11.56	46.62	100	268	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	53.35	54.06	74	-20.65	34.38	11.52	46.61	100	45	Peak
5460	47.43	48.14	54	-6.57	34.38	11.52	46.61	100	45	Average
5470	52.54	53.23	68.2	-15.66	34.39	11.53	46.61	100	45	Peak
5580	100.36	100.87	/	/	34.54	11.59	46.64	100	45	Peak
5580	91.1	91.61	/	/	34.54	11.59	46.64	100	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	53.19	53.61	74	-20.81	34.67	11.52	46.61	100	290	Peak
5460	46.84	47.26	54	-7.16	34.67	11.52	46.61	100	290	Average
5470	52.09	52.49	68.2	-16.11	34.68	11.53	46.61	100	290	Peak
5580	112.49	112.71	/	/	34.83	11.59	46.64	100	290	Peak
5580	103.96	104.18	/	/	34.83	11.59	46.64	100	290	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	100.57	100.85	/	/	34.76	11.64	46.68	100	360	Peak
5700	92.35	92.63	/	/	34.76	11.64	46.68	100	360	Average
5725	52.73	52.95	68.2	-15.47	34.81	11.65	46.68	100	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
5700	107.97	107.99	/	/	35.02	11.64	46.68	100	268	Peak
5700	100.23	100.25	/	/	35.02	11.64	46.68	100	268	Average
5725	54.38	54.35	68.2	-13.82	35.06	11.65	46.68	100	268	Peak

REMARKS:

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



802.11ax (20MHz) (RU106):

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	53.21	53.92	74	-20.79	34.38	11.52	46.61	100	25	Peak
5460	46.78	47.49	54	-7.22	34.38	11.52	46.61	100	25	Average
5470	53.72	54.41	68.2	-14.48	34.39	11.53	46.61	100	25	Peak
5500	98.97	99.63	/	/	34.4	11.56	46.62	100	25	Peak
5500	90.92	91.58	/	/	34.4	11.56	46.62	100	25	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	53.91	74	-20.51	34.67	11.52	46.61	100	268	Peak
5460	47.19	47.61	54	-6.81	34.67	11.52	46.61	100	268	Average
5470	54.62	55.02	68.2	-13.58	34.68	11.53	46.61	100	268	Peak
5500	108.96	109.32	/	/	34.7	11.56	46.62	100	268	Peak
5500	100.43	100.79	/	/	34.7	11.56	46.62	100	268	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	52.98	53.69	74	-21.02	34.38	11.52	46.61	100	25	Peak
5460	47.16	47.87	54	-6.84	34.38	11.52	46.61	100	25	Average
5470	52.98	53.67	68.2	-15.22	34.39	11.53	46.61	100	25	Peak
5580	99.28	99.79	/	/	34.54	11.59	46.64	100	25	Peak
5580	91.05	91.56	/	/	34.54	11.59	46.64	100	25	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	52.43	52.85	74	-21.57	34.67	11.52	46.61	100	268	Peak
5460	47.59	48.01	54	-6.41	34.67	11.52	46.61	100	268	Average
5470	54.5	54.9	68.2	-13.7	34.68	11.53	46.61	100	268	Peak
5580	106.65	106.87	/	/	34.83	11.59	46.64	100	268	Peak
5580	99.91	100.13	/	/	34.83	11.59	46.64	100	268	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	99.64	99.92	/	/	34.76	11.64	46.68	100	45	Peak
5700	92.08	92.36	/	/	34.76	11.64	46.68	100	45	Average
5725	54.49	54.71	68.2	-13.71	34.81	11.65	46.68	100	45	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	107.84	107.86	/	/	35.02	11.64	46.68	100	268	Peak
5700	99.59	99.61	/	/	35.02	11.64	46.68	100	268	Average
5725	54.38	54.35	68.2	-13.82	35.06	11.65	46.68	100	268	Peak

REMARKS:

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



802.11ax (20MHz) (RU242):

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	51.7	52.41	74	-22.3	34.38	11.52	46.61	100	25	Peak
5460	46.8	47.51	54	-7.2	34.38	11.52	46.61	100	25	Average
5470	51.98	52.67	68.2	-16.22	34.39	11.53	46.61	100	25	Peak
5500	95.61	96.27	/	/	34.4	11.56	46.62	100	25	Peak
5500	87.15	87.81	/	/	34.4	11.56	46.62	100	25	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	53.36	53.78	74	-20.64	34.67	11.52	46.61	100	268	Peak
5460	47.42	47.84	54	-6.58	34.67	11.52	46.61	100	268	Average
5470	54.54	54.94	68.2	-13.66	34.68	11.53	46.61	100	268	Peak
5500	105.66	106.02	/	/	34.7	11.56	46.62	100	268	Peak
5500	98.26	98.62	/	/	34.7	11.56	46.62	100	268	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	52.14	52.85	74	-21.86	34.38	11.52	46.61	100	295	Peak
5460	47.38	48.09	54	-6.62	34.38	11.52	46.61	100	295	Average
5470	52.56	53.25	68.2	-15.64	34.39	11.53	46.61	100	295	Peak
5580	96.17	96.68	/	/	34.54	11.59	46.64	100	295	Peak
5580	88.85	89.36	/	/	34.54	11.59	46.64	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	53.83	54.25	74	-20.17	34.67	11.52	46.61	100	268	Peak
5460	47.22	47.64	54	-6.78	34.67	11.52	46.61	100	268	Average
5470	53.56	53.96	68.2	-14.64	34.68	11.53	46.61	100	268	Peak
5580	105.1	105.32	/	/	34.83	11.59	46.64	100	268	Peak
5580	95.9	96.12	/	/	34.83	11.59	46.64	100	268	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	95.57	95.85	/	/	34.76	11.64	46.68	100	45	Peak
5700	88.75	89.03	/	/	34.76	11.64	46.68	100	45	Average
5725	53.61	53.83	68.2	-14.59	34.81	11.65	46.68	100	45	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	104.25	104.27	/	/	35.02	11.64	46.68	100	255	Peak
5700	96.49	96.51	/	/	35.02	11.64	46.68	100	255	Average
5725	56.52	56.49	68.2	-11.68	35.06	11.65	46.68	100	255	Peak

REMARKS:

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



802.11ax (40MHz) (RU484):

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	53.13	53.84	74	-20.87	34.38	11.52	46.61	100	360	Peak
5460	47.88	48.59	54	-6.12	34.38	11.52	46.61	100	360	Average
5470	53.26	53.95	68.2	-14.94	34.39	11.53	46.61	100	360	Peak
5510	89.72	90.36	/	/	34.42	11.56	46.62	100	360	Peak
5510	83.04	83.68	/	/	34.42	11.56	46.62	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
5460	53.85	54.27	74	-20.15	34.67	11.52	46.61	100	268	Peak
5460	50.39	50.81	54	-3.61	34.67	11.52	46.61	100	268	Average
5470	57.24	57.64	68.2	-10.96	34.68	11.53	46.61	100	268	Peak
5510	99.81	100.15	/	/	34.72	11.56	46.62	100	268	Peak
5510	94.58	94.92	/	/	34.72	11.56	46.62	100	268	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	51.62	52.33	74	-22.38	34.38	11.52	46.61	100	45	Peak
5460	46.96	47.67	54	-7.04	34.38	11.52	46.61	100	45	Average
5470	52.56	53.25	68.2	-15.64	34.39	11.53	46.61	100	45	Peak
5550	90.31	90.87	/	/	34.49	11.58	46.63	100	45	Peak
5550	83.46	84.02	/	/	34.49	11.58	46.63	100	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	51.74	52.16	74	-22.26	34.67	11.52	46.61	100	268	Peak
5460	47.85	48.27	54	-6.15	34.67	11.52	46.61	100	268	Average
5470	52.23	52.63	68.2	-15.97	34.68	11.53	46.61	100	268	Peak
5550	100.31	100.58	/	/	34.78	11.58	46.63	100	268	Peak
5550	93.61	93.88	/	/	34.78	11.58	46.63	100	268	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	90.16	90.5	/	/	34.71	11.62	46.67	100	45	Peak
5670	83.51	83.85	/	/	34.71	11.62	46.67	100	45	Average
5725	52.03	52.25	68.2	-16.17	34.81	11.65	46.68	100	45	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	100.04	100.12	/	/	34.97	11.62	46.67	100	268	Peak
5670	93.35	93.43	/	/	34.97	11.62	46.67	100	268	Average
5725	53.64	53.61	68.2	-14.56	35.06	11.65	46.68	100	268	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.



802.11ax (80MHz) (RU996):

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	52.49	53.2	74	-21.51	34.38	11.52	46.61	100	45	Peak
5460	48.14	48.85	54	-5.86	34.38	11.52	46.61	100	45	Average
5470	54.4	55.09	68.2	-13.8	34.39	11.53	46.61	100	45	Peak
5530	85.78	86.39	/	/	34.45	11.57	46.63	100	45	Peak
5530	79.57	80.18	/	/	34.45	11.57	46.63	100	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	55.2	55.62	74	-18.8	34.67	11.52	46.61	10	268	Peak
5460	50.71	51.13	54	-3.29	34.67	11.52	46.61	10	268	Average
5470	56.17	56.57	68.2	-12.03	34.68	11.53	46.61	10	268	Peak
5530	94.76	95.07	/	/	34.75	11.57	46.63	10	268	Peak
5530	89.54	89.85	/	/	34.75	11.57	46.63	10	268	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.27	52.98	74	-21.73	34.38	11.52	46.61	100	25	Peak
5460	47.58	48.29	54	-6.42	34.38	11.52	46.61	100	25	Average
5470	52.25	52.94	68.2	-15.95	34.39	11.53	46.61	100	25	Peak
5610	85.74	86.19	/	/	34.6	11.6	46.65	100	25	Peak
5610	80.9	81.35	/	/	34.6	11.6	46.65	100	25	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	50.6	51.02	74	-23.4	34.67	11.52	46.61	100	268	Peak
5460	47.82	48.24	54	-6.18	34.67	11.52	46.61	100	268	Average
5470	51.94	52.34	68.2	-16.26	34.68	11.53	46.61	100	268	Peak
5610	96.58	96.75	/	/	34.88	11.6	46.65	100	268	Peak
5610	89.95	90.12	/	/	34.88	11.6	46.65	100	268	Average

REMARKS:

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



802.11ax (160MHz) (RU FULL):

CHANNEL	TX Channel 114	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	52.14	52.85	74	-21.86	34.38	11.52	46.61	100	25	Peak
5460	48.59	49.3	54	-5.41	34.38	11.52	46.61	100	25	Average
5470	52.84	53.53	68.2	-15.36	34.39	11.53	46.61	100	25	Peak
5570	82.92	83.44	/	/	34.53	11.59	46.64	100	25	Peak
5570	77.05	77.57	/	/	34.53	11.59	46.64	100	25	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	54.42	54.84	74	-19.58	34.67	11.52	46.61	100	268	Peak
5460	50.55	50.97	54	-3.45	34.67	11.52	46.61	100	268	Average
5470	54.26	54.66	68.2	-13.94	34.68	11.53	46.61	100	268	Peak
5570	89.74	89.98	/	/	34.81	11.59	46.64	100	268	Peak
5570	86.12	86.36	/	/	34.81	11.59	46.64	100	268	Average

REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5570MHz: Fundamental frequency.



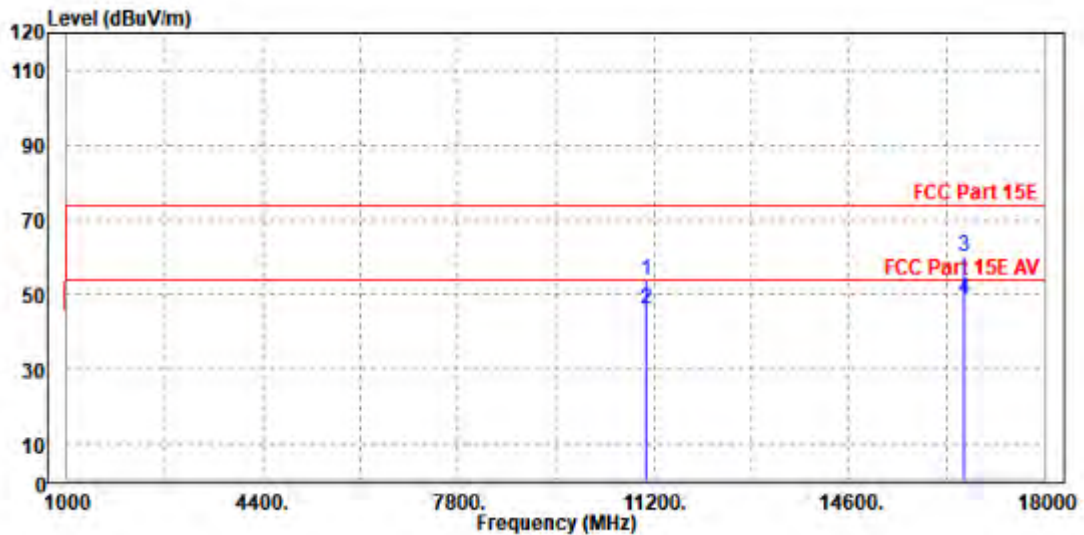
802.11ax (80MHz) (RU996):

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

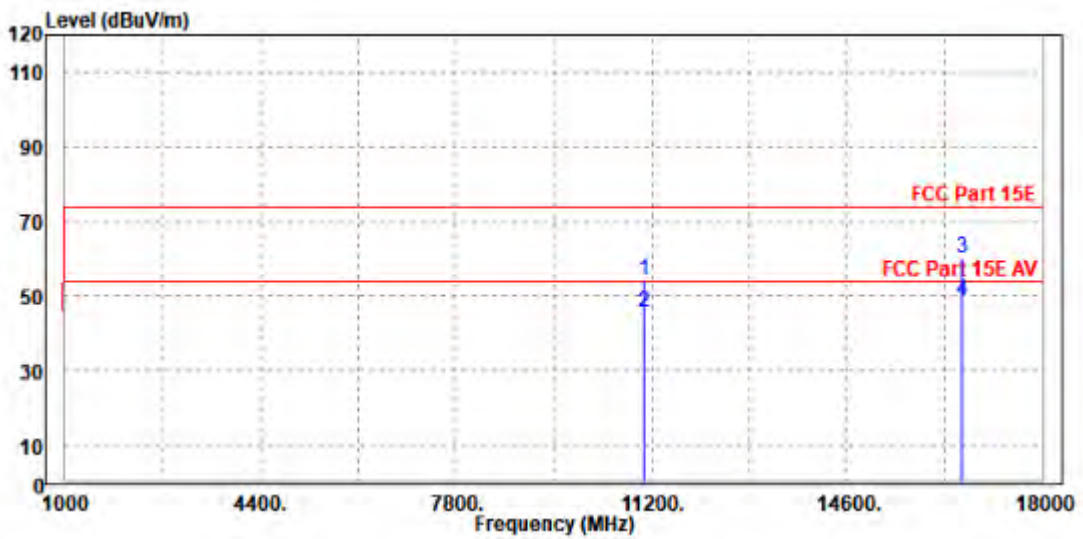
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11064.000	53.82	45.35	74.00	-20.18	8.47	Peak	Horizontal
2	11064.000	46.10	37.63	54.00	-7.90	8.47	Average	Horizontal
3	PK16590.000	60.20	43.53	74.00	-13.80	16.67	Peak	Horizontal
4	PP16590.000	48.75	32.08	54.00	-5.25	16.67	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	54.09	45.44	74.00	-19.91	8.65	Peak	Vertical
2	11060.000	45.48	36.83	54.00	-8.52	8.65	Average	Vertical
3	PK16589.000	60.35	43.57	74.00	-13.65	16.78	Peak	Vertical
4	PP16589.000	48.91	32.13	54.00	-5.09	16.78	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	99.35	99.55	/	/	34.84	11.65	46.69	100	60	Peak
5745	91.96	92.16	/	/	34.84	11.65	46.69	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
5475	106.93	107.33	/	/	34.68	11.53	46.61	100	290	Peak
5475	100.75	101.15	/	/	34.68	11.53	46.61	100	290	Average

REMARKS:

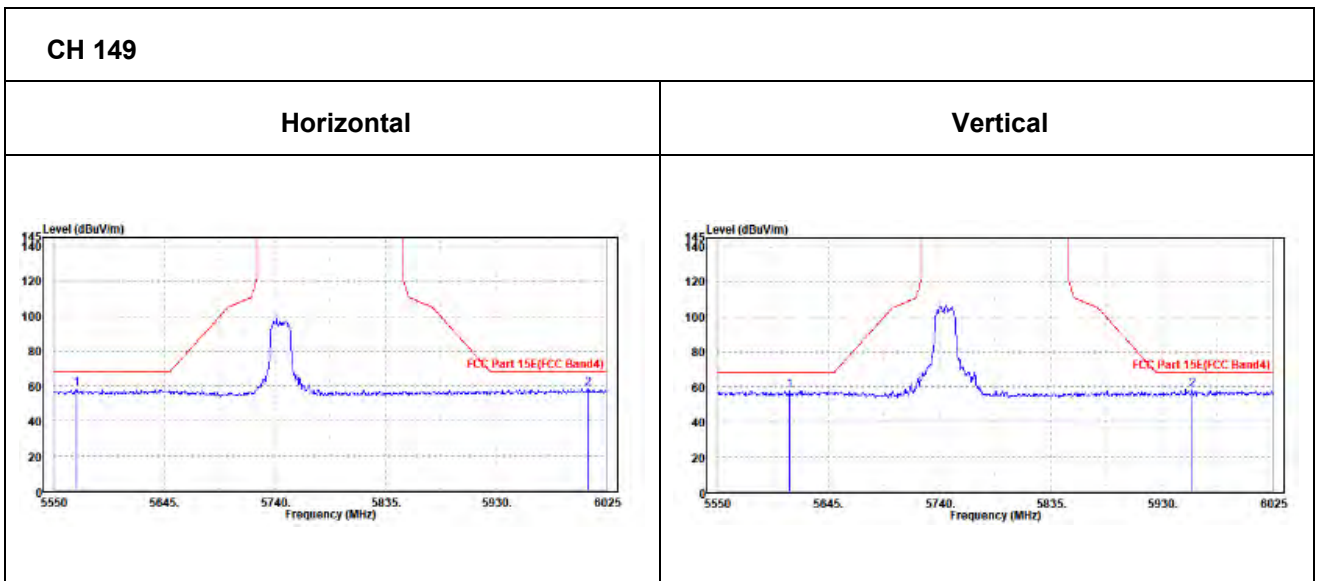
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5745MHz: Fundamental frequency.



OBE 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	
5569.475	58.31	58.83	68.2	-9.89	34.53	11.59	46.64	100	360	Peak	
6008.85	58.41	58.1	68.2	-9.79	35.31	11.76	46.76	100	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	
5611.275	57.66	57.83	68.2	-10.54	34.88	11.6	46.65	100	0	Peak	
5955.65	58.63	58.22	68.2	-9.57	35.43	11.73	46.75	100	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	99.38	99.5	/	/	34.91	11.67	46.7	100	60	Peak
5785	92.86	92.98	/	/	34.91	11.67	46.7	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
5785	108.05	107.92	/	/	35.16	11.67	46.7	100	290	Peak
5785	101.35	101.22	/	/	35.16	11.67	46.7	100	290	Average

REMARKS:

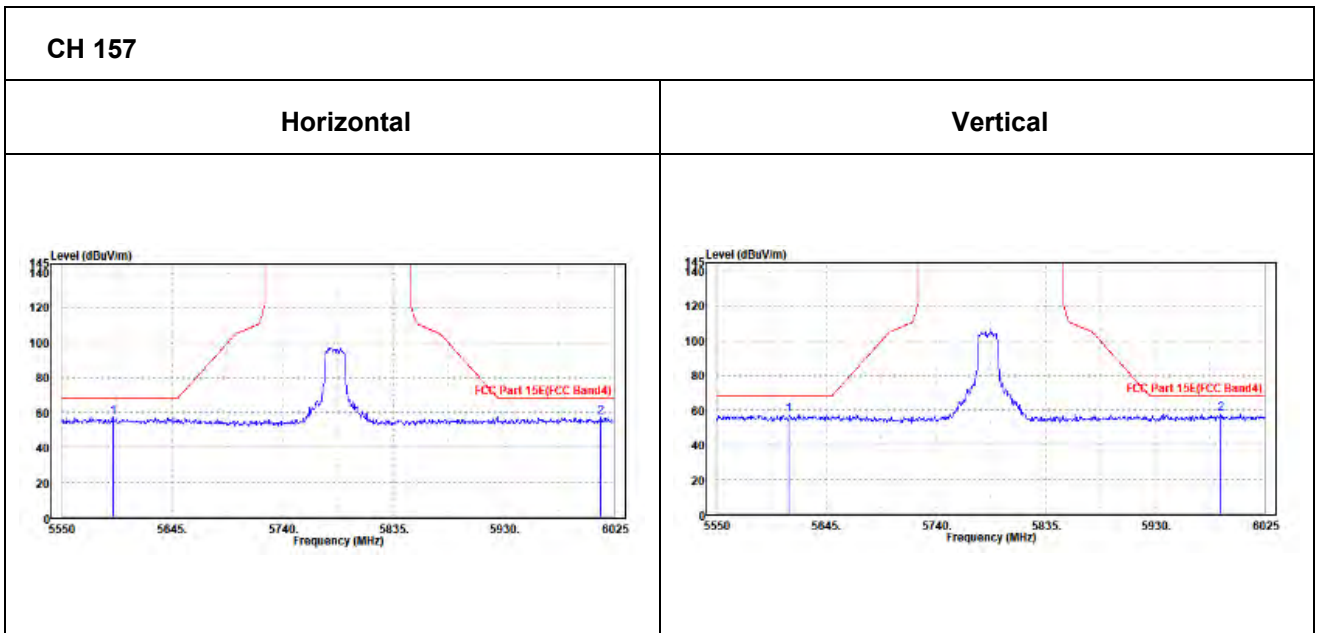
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5785MHz: Fundamental frequency.



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
5594.175	57.48	57.96	68.2	-10.72	34.57	11.6	46.65	100	0	Peak
6012.65	57.57	57.25	68.2	-10.63	35.31	11.77	46.76	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
5612.7	57.13	57.3	68.2	-11.07	34.88	11.6	46.65	100	0	Peak
5986.525	57.92	57.46	68.2	-10.28	35.48	11.74	46.76	100	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	98.32	98.36	/	/	34.99	11.68	46.71	100	60	Peak
5825	89.99	90.03	/	/	34.99	11.68	46.71	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
5825	107.24	107.05	/	/	35.22	11.68	46.71	100	290	Peak
5825	99.83	99.64	/	/	35.22	11.68	46.71	100	290	Average

REMARKS:

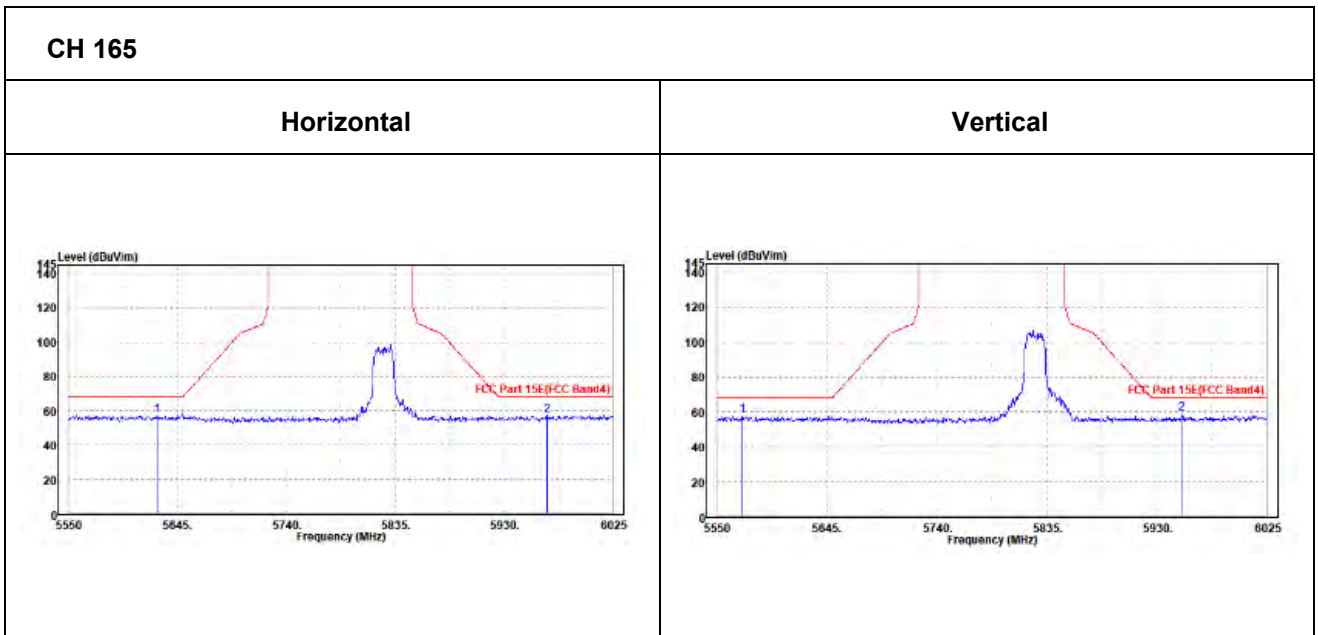
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5825MHz: Fundamental frequency.



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
5626.95	57.58	58	68.2	-10.62	34.63	11.61	46.66	100	360	Peak
5967.525	57.35	57.12	68.2	-10.85	35.24	11.74	46.75	100	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
5571.85	57.98	58.22	68.2	-10.22	34.81	11.59	46.64	100	0	Peak
5951.375	58.89	58.49	68.2	-9.31	35.42	11.73	46.75	100	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	98.04	98.24	/	/	34.84	11.65	46.69	100	60	Peak
5745	91.16	91.36	/	/	34.84	11.65	46.69	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	107.91	107.86	/	/	35.09	11.65	46.69	100	290	Peak
5745	101.01	100.96	/	/	35.09	11.65	46.69	100	290	Average

REMARKS:

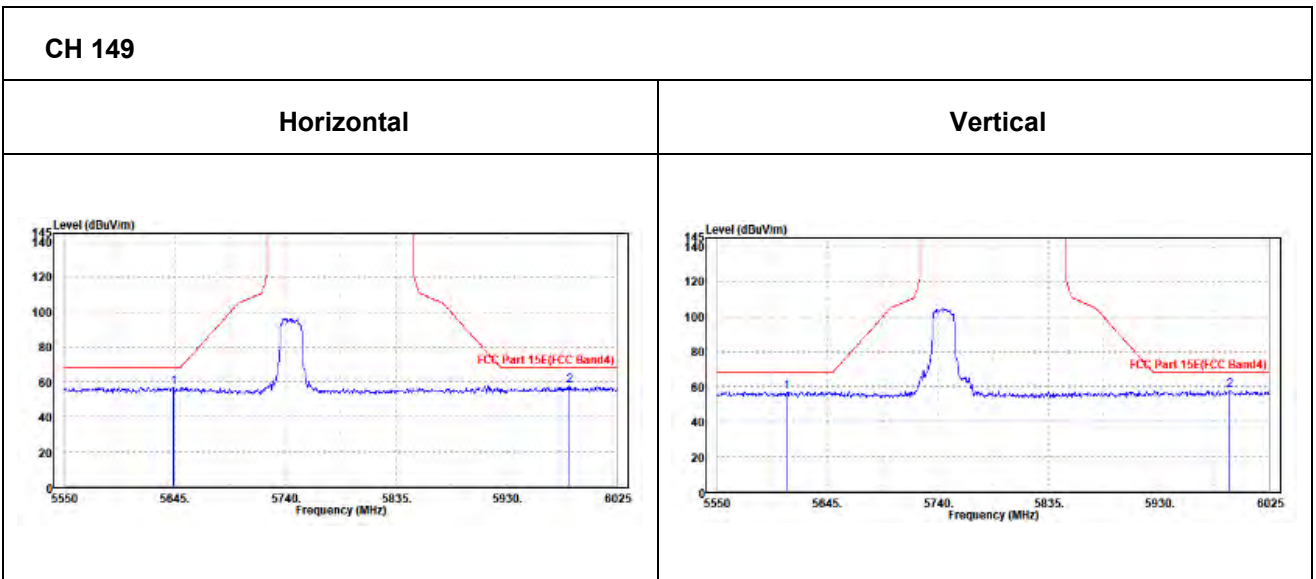
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5745MHz: Fundamental frequency.



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
5643.575	57	57.39	68.2	-11.2	34.66	11.61	46.66	100	0	Peak
5984.15	57.91	57.66	68.2	-10.29	35.27	11.74	46.76	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
5609.85	57	57.17	68.2	-11.2	34.88	11.6	46.65	100	360	Peak
5990.8	57.64	57.16	68.2	-10.56	35.49	11.75	46.76	100	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	99.5	99.62	/	/	34.91	11.67	46.7	100	60	Peak
5785	90.79	90.91	/	/	34.91	11.67	46.7	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
5785	107.74	107.61	/	/	35.16	11.67	46.7	100	290	Peak
5785	100.47	100.34	/	/	35.16	11.67	46.7	100	290	Average

REMARKS:

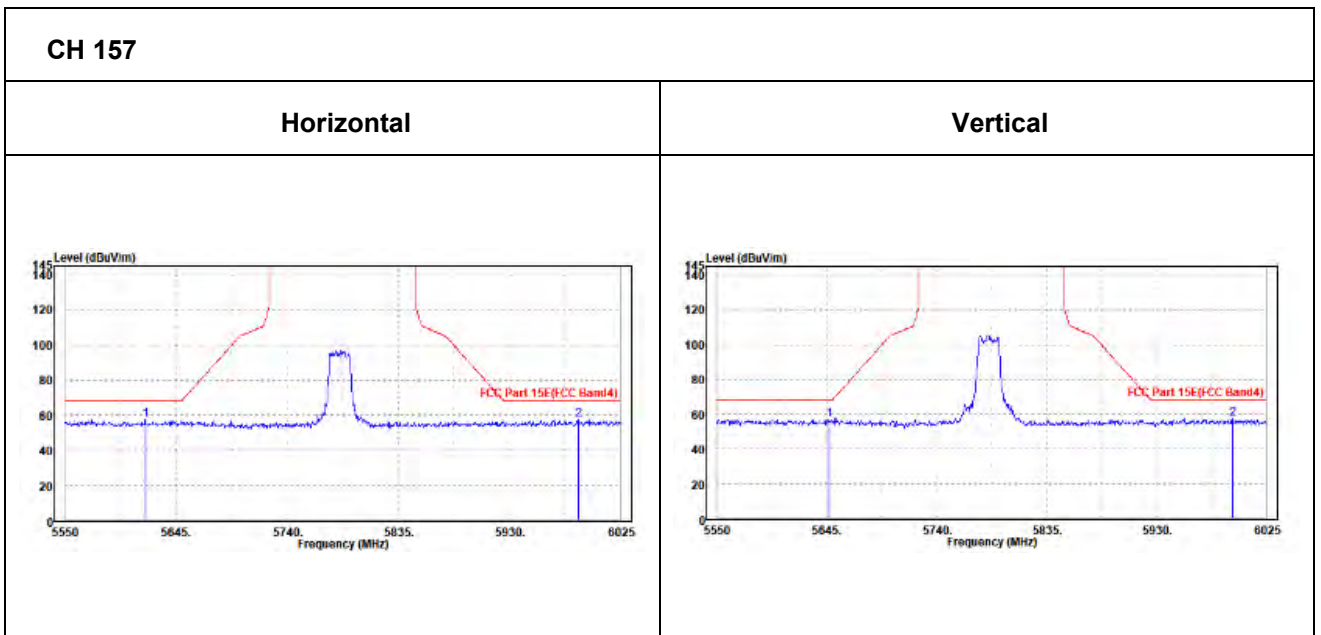
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5785MHz: Fundamental frequency.



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
5618.875	57.44	57.87	68.2	-10.76	34.61	11.61	46.65	100	360	Peak
5988.9	57.59	57.32	68.2	-10.61	35.28	11.75	46.76	100	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
5646.9	57.01	57.11	68.2	-11.19	34.94	11.62	46.66	100	0	Peak
5996.025	57.25	56.77	68.2	-10.95	35.49	11.75	46.76	100	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	98.01	98.05	/	/	34.99	11.68	46.71	100	60	Peak
5825	91.21	91.25	/	/	34.99	11.68	46.71	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
5825	107.27	107.08	/	/	35.22	11.68	46.71	100	290	Peak
5825	98.82	98.63	/	/	35.22	11.68	46.71	100	290	Average

REMARKS:

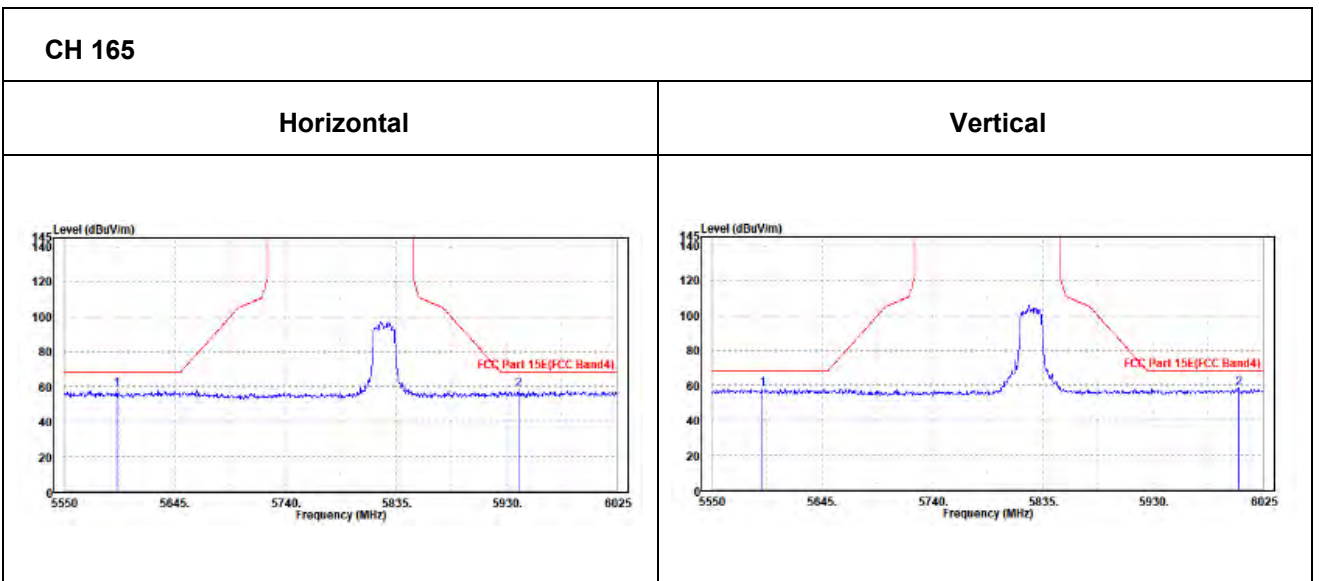
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5825MHz: Fundamental frequency.



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
5594.65	58.5	58.98	68.2	-9.7	34.57	11.6	46.65	100	0	Peak
5940.45	58.67	58.49	68.2	-9.53	35.19	11.73	46.74	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
5593.225	57.85	58.05	68.2	-10.35	34.85	11.6	46.65	100	360	Peak
6003.625	58.39	57.89	68.2	-9.81	35.5	11.76	46.76	100	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	92.24	92.41	/	/	34.86	11.66	46.69	100	50	Peak
5755	84.84	85.01	/	/	34.86	11.66	46.69	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
5755	100.2	100.12	/	/	35.11	11.66	46.69	100	290	Peak
5755	93.2	93.12	/	/	35.11	11.66	46.69	100	290	Average

REMARKS:

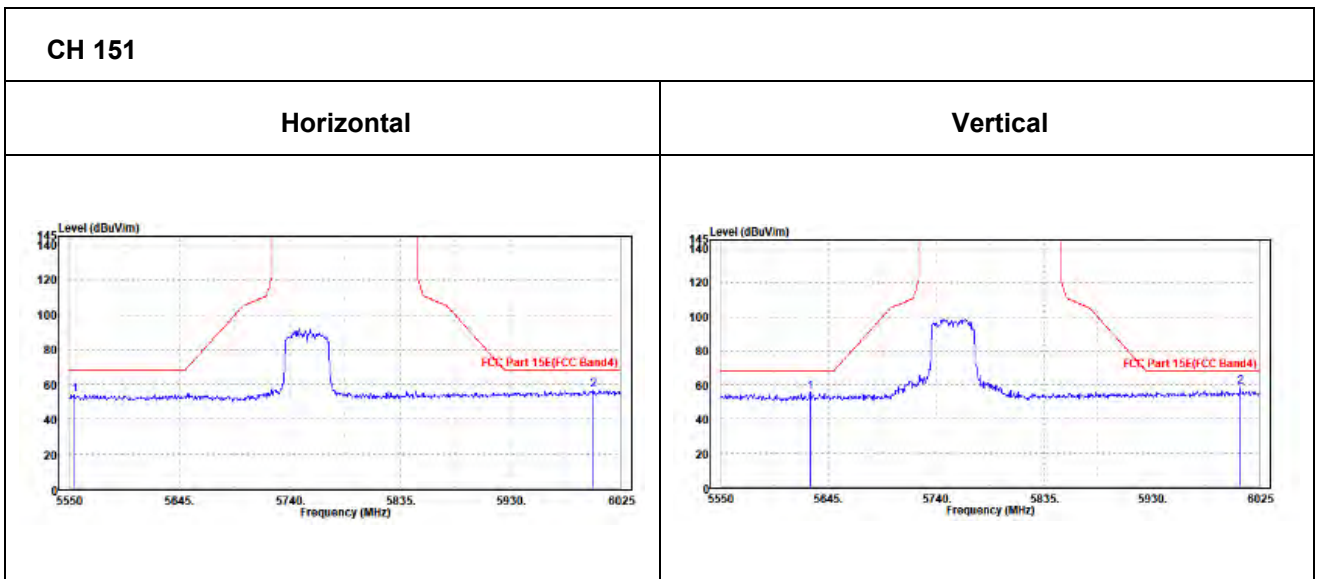
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5755MHz: Fundamental frequency.



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
5554.275	54.3	54.86	68.2	-13.9	34.5	11.58	46.64	100	360	Peak
6001.25	56.88	56.59	68.2	-11.32	35.3	11.75	46.76	100	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
5628.85	55.77	55.91	68.2	-12.43	34.91	11.61	46.66	100	0	Peak
6007.9	58.79	58.29	68.2	-9.41	35.5	11.76	46.76	100	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	92.26	92.36	/	/	34.93	11.67	46.7	100	50	Peak
5795	85.23	85.33	/	/	34.93	11.67	46.7	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
5795	99.9	99.76	/	/	35.17	11.67	46.7	100	290	Peak
5795	92.38	92.24	/	/	35.17	11.67	46.7	100	290	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
5585.625	54.93	55.43	68.2	-13.27	34.55	11.59	46.64	100	0	Peak
6007.9	56.93	56.63	68.2	-11.27	35.3	11.76	46.76	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
5554.75	55.56	55.83	68.2	-12.64	34.79	11.58	46.64	100	360	Peak
6006.95	56.99	56.49	68.2	-11.21	35.5	11.76	46.76	100	360	Peak

