

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	53.63	54.72	74.00	-20.37	34.26	11.17	46.52	100	298	Peak
5150	47.75	48.84	54.00	-6.25	34.26	11.17	46.52	100	298	Average
5310	98.22	99.12	/	/	34.32	11.35	46.57	100	298	Peak
5310	92.28	93.18	/	/	34.32	11.35	46.57	100	298	Average
5350	53.85	54.70	74.00	-20.15	34.34	11.39	46.58	100	298	Peak
5350	47.70	48.55	54.00	-6.30	34.34	11.39	46.58	100	298	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	53.20	54.13	74.00	-20.80	34.42	11.17	46.52	100	290	Peak
5150	47.62	48.55	54.00	-6.38	34.42	11.17	46.52	100	290	Average
5310	101.44	102.11	/	/	34.55	11.35	46.57	100	290	Peak
5310	94.79	95.46	/	/	34.55	11.35	46.57	100	290	Average
5350	53.42	54.03	74.00	-20.58	34.58	11.39	46.58	100	290	Peak
5350	48.13	48.74	54.00	-5.87	34.58	11.39	46.58	100	290	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5310MHz: Fundamental frequency.



**BUREAU
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Test Report No.: W7L-231127W001RF03

802.11ax (80MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.58	54.67	74.00	-20.42	34.26	11.17	46.52	100	298	Peak
5150	46.95	48.04	54.00	-7.05	34.26	11.17	46.52	100	298	Average
5290	95.26	96.18	/	/	34.32	11.32	46.56	100	298	Peak
5290	89.64	90.56	/	/	34.32	11.32	46.56	100	298	Average
5350	53.37	54.22	74.00	-20.63	34.34	11.39	46.58	100	298	Peak
5350	47.93	48.78	54.00	-6.07	34.34	11.39	46.58	100	298	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	53.43	54.36	74.00	-20.57	34.42	11.17	46.52	100	290	Peak
5150	48.31	49.24	54.00	-5.69	34.42	11.17	46.52	100	290	Average
5290	97.79	98.50	/	/	34.53	11.32	46.56	100	290	Peak
5290	91.95	92.66	/	/	34.53	11.32	46.56	100	290	Average
5350	54.26	54.87	74.00	-19.74	34.58	11.39	46.58	100	290	Peak
5350	49.18	49.79	54.00	-4.82	34.58	11.39	46.58	100	290	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
3. 5290MHz: Fundamental frequency.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

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	53.19	54.28	74.00	-20.81	34.26	11.17	46.52	100	298	Peak
5150	47.69	48.78	54.00	-6.31	34.26	11.17	46.52	100	298	Average
5290	93.57	94.49	/	/	34.32	11.32	46.56	100	298	Peak
5290	90.82	91.74	/	/	34.32	11.32	46.56	100	298	Average
5350	53.77	54.62	74.00	-20.23	34.34	11.39	46.58	100	298	Peak
5350	48.61	49.46	54.00	-5.39	34.34	11.39	46.58	100	298	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	53.98	54.91	74.00	-20.02	34.42	11.17	46.52	100	290	Peak
5150	48.04	48.97	54.00	-5.96	34.42	11.17	46.52	100	290	Average
5290	97.02	97.73	/	/	34.53	11.32	46.56	100	290	Peak
5290	92.86	93.57	/	/	34.53	11.32	46.56	100	290	Average
5350	54.59	55.20	74.00	-19.41	34.58	11.39	46.58	100	290	Peak
5350	49.25	49.86	54.00	-4.75	34.58	11.39	46.58	100	290	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5290MHz: Fundamental frequency.



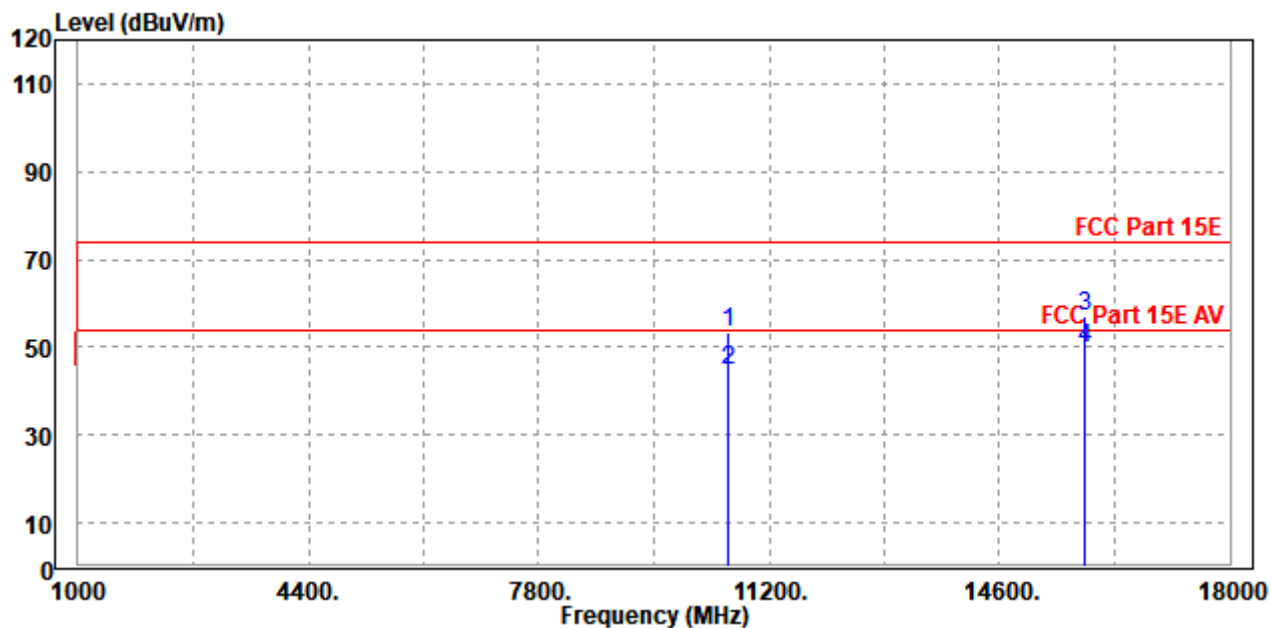
802.11ax (80MHz)

Worst case harmonic:

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

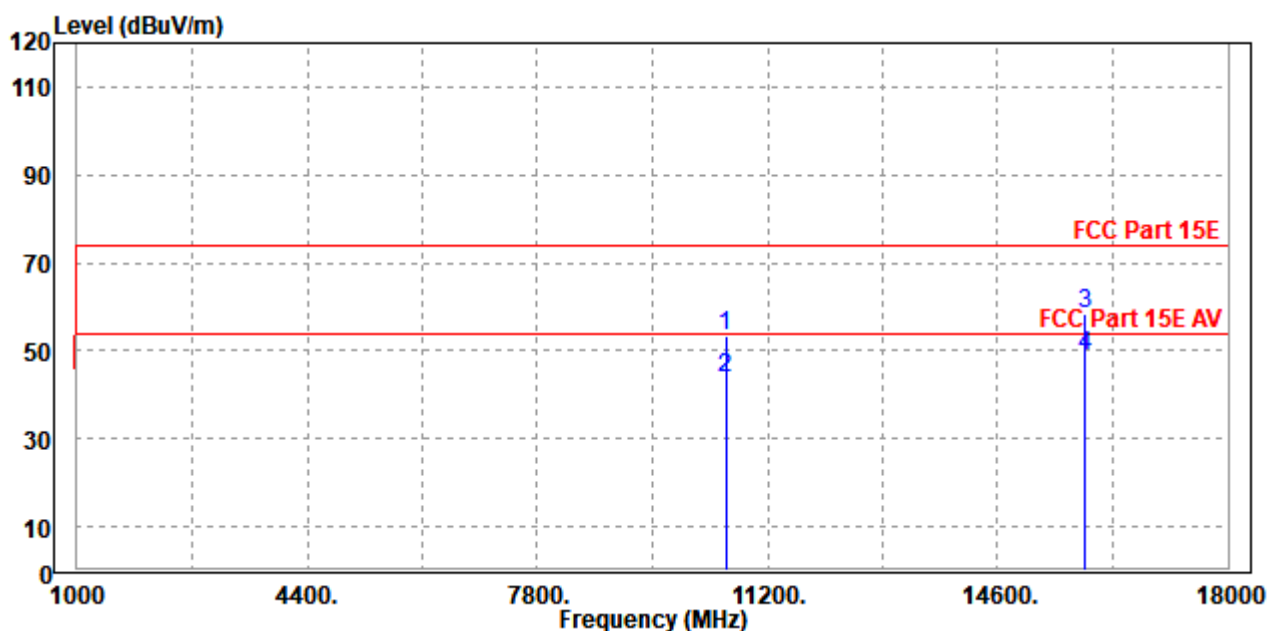
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	10588.000	53.16	44.96	74.00	-20.84	8.20	Peak	Horizontal
2	10588.000	44.85	36.65	54.00	-9.15	8.20	Average	Horizontal
3	PK15870.000	56.98	40.71	74.00	-17.02	16.27	Peak	Horizontal
4	PP15870.000	49.53	33.26	54.00	-4.47	16.27	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	10580.000	53.60	45.20	74.00	-20.40	8.40	Peak	Vertical
2	10580.000	43.67	35.27	54.00	-10.33	8.40	Average	Vertical
3	PK15875.000	58.27	41.53	74.00	-15.73	16.74	Peak	Vertical
4	PP15875.000	48.94	32.20	54.00	-5.06	16.74	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.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

5G WIFI-RU

802.11ax (20MHz) (RU26):

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	53.17	54.26	74.00	-20.83	34.26	11.17	46.52	100	305	Peak
5150	47.34	48.43	54.00	-6.66	34.26	11.17	46.52	100	305	Average
5180	100.69	101.65	/	/	34.30	11.29	46.55	100	305	Peak
5180	96.11	97.07	/	/	34.30	11.29	46.55	100	305	Average
5350	52.32	53.17	74.00	-21.68	34.34	11.39	46.58	100	305	Peak
5350	46.63	47.48	54.00	-7.37	34.34	11.39	46.58	100	305	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	53.26	54.19	74.00	-20.74	34.42	11.17	46.52	155	277	Peak
5150	47.96	48.89	54.00	-6.04	34.42	11.17	46.52	155	277	Average
5260	108.74	109.49	/	/	34.51	11.29	46.55	155	277	Peak
5260	104.01	104.76	/	/	34.51	11.29	46.55	155	277	Average
5350	51.91	52.52	74.00	-22.09	34.58	11.39	46.58	155	277	Peak
5350	46.90	47.51	54.00	-7.10	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	52.35	53.44	74.00	-21.65	34.26	11.17	46.52	100	305	Peak
5150	47.03	48.12	54.00	-6.97	34.26	11.17	46.52	100	305	Average
5300	101.71	102.61	/	/	34.32	11.34	46.56	100	305	Peak
5300	95.41	96.31	/	/	34.32	11.34	46.56	100	305	Average
5350	52.43	53.28	74.00	-21.57	34.34	11.39	46.58	100	305	Peak
5350	47.01	47.86	54.00	-6.99	34.34	11.39	46.58	100	305	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	54.12	55.05	74.00	-19.88	34.42	11.17	46.52	155	277	Peak
5150	47.33	48.26	54.00	-6.67	34.42	11.17	46.52	155	277	Average
5300	109.38	110.06	/	/	34.54	11.34	46.56	155	277	Peak
5300	102.87	103.55	/	/	34.54	11.34	46.56	155	277	Average
5350	53.43	54.04	74.00	-20.57	34.58	11.39	46.58	155	277	Peak
5350	46.87	47.48	54.00	-7.13	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.19	56.28	74.00	-18.81	34.26	11.17	46.52	100	305	Peak
5150	46.87	47.96	54.00	-7.13	34.26	11.17	46.52	100	305	Average
5320	100.41	101.29	/	/	34.33	11.36	46.57	100	305	Peak
5320	94.02	94.90	/	/	34.33	11.36	46.57	100	305	Average
5350	54.24	55.09	74.00	-19.76	34.34	11.39	46.58	100	305	Peak
5350	47.31	48.16	54.00	-6.69	34.34	11.39	46.58	100	305	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	52.78	53.71	74.00	-21.22	34.42	11.17	46.52	155	277	Peak
5150	46.62	47.55	54.00	-7.38	34.42	11.17	46.52	155	277	Average
5320	107.88	108.53	/	/	34.56	11.36	46.57	155	277	Peak
5320	102.11	102.76	/	/	34.56	11.36	46.57	155	277	Average
5350	54.41	55.02	74.00	-19.59	34.58	11.39	46.58	155	277	Peak
5350	47.52	48.13	54.00	-6.48	34.58	11.39	46.58	155	277	Average

REMARKS:

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



Test Report No.: W7L-231127W001RF03

802.11ax (20MHz) (RU52):

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	54.02	55.11	74.00	-19.98	34.26	11.17	46.52	100	305	Peak
5150	47.95	49.04	54.00	-6.05	34.26	11.17	46.52	100	305	Average
5260	99.47	100.43	/	/	34.30	11.29	46.55	100	305	Peak
5260	93.12	94.08	/	/	34.30	11.29	46.55	100	305	Average
5350	53.28	54.13	74.00	-20.72	34.34	11.39	46.58	100	305	Peak
5350	47.76	48.61	54.00	-6.24	34.34	11.39	46.58	100	305	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	53.34	54.27	74.00	-20.66	34.42	11.17	46.52	155	277	Peak
5150	47.36	48.29	54.00	-6.64	34.42	11.17	46.52	155	277	Average
5260	107.52	108.27	/	/	34.51	11.29	46.55	155	277	Peak
5260	100.99	101.74	/	/	34.51	11.29	46.55	155	277	Average
5350	53.42	54.03	74.00	-20.58	34.58	11.39	46.58	155	277	Peak
5350	47.25	47.86	54.00	-6.75	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.77	54.86	74.00	-20.23	34.26	11.17	46.52	100	305	Peak
5150	47.26	48.35	54.00	-6.74	34.26	11.17	46.52	100	305	Average
5300	97.49	98.39	/	/	34.32	11.34	46.56	100	305	Peak
5300	91.90	92.80	/	/	34.32	11.34	46.56	100	305	Average
5350	53.13	53.98	74.00	-20.87	34.34	11.39	46.58	100	305	Peak
5350	47.36	48.21	54.00	-6.64	34.34	11.39	46.58	100	305	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	54.61	55.54	74.00	-19.39	34.42	11.17	46.52	155	277	Peak
5150	47.91	48.84	54.00	-6.09	34.42	11.17	46.52	155	277	Average
5300	105.90	106.58	/	/	34.54	11.34	46.56	155	277	Peak
5300	99.52	100.20	/	/	34.54	11.34	46.56	155	277	Average
5350	53.56	54.17	74.00	-20.44	34.58	11.39	46.58	155	277	Peak
5350	47.76	48.37	54.00	-6.24	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.52	54.61	74.00	-20.48	34.26	11.17	46.52	100	305	Peak
5150	46.76	47.85	54.00	-7.24	34.26	11.17	46.52	100	305	Average
5320	97.00	97.88	/	/	34.33	11.36	46.57	100	305	Peak
5320	92.41	93.29	/	/	34.33	11.36	46.57	100	305	Average
5350	53.58	54.43	74.00	-20.42	34.34	11.39	46.58	100	305	Peak
5350	47.22	48.07	54.00	-6.78	34.34	11.39	46.58	100	305	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	52.97	53.90	74.00	-21.03	34.42	11.17	46.52	155	277	Peak
5150	46.70	47.63	54.00	-7.30	34.42	11.17	46.52	155	277	Average
5320	105.56	106.21	/	/	34.56	11.36	46.57	155	277	Peak
5320	100.32	100.97	/	/	34.56	11.36	46.57	155	277	Average
5350	53.43	54.04	74.00	-20.57	34.58	11.39	46.58	155	277	Peak
5350	47.88	48.49	54.00	-6.12	34.58	11.39	46.58	155	277	Average

REMARKS:

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



Test Report No.: W7L-231127W001RF03

802.11ax (20MHz) (RU106):

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	53.05	54.14	74.00	-20.95	34.26	11.17	46.52	100	305	Peak
5150	47.23	48.32	54.00	-6.77	34.26	11.17	46.52	100	305	Average
5260	99.58	100.54	/	/	34.30	11.29	46.55	100	305	Peak
5260	92.65	93.61	/	/	34.30	11.29	46.55	100	305	Average
5350	53.03	53.88	74.00	-20.97	34.34	11.39	46.58	100	305	Peak
5350	47.27	48.12	54.00	-6.73	34.34	11.39	46.58	100	305	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	53.34	54.27	74.00	-20.66	34.42	11.17	46.52	155	277	Peak
5150	47.62	48.55	54.00	-6.38	34.42	11.17	46.52	155	277	Average
5260	107.39	108.14	/	/	34.51	11.29	46.55	155	277	Peak
5260	99.42	100.17	/	/	34.51	11.29	46.55	155	277	Average
5350	53.61	54.22	74.00	-20.39	34.58	11.39	46.58	155	277	Peak
5350	47.52	48.13	54.00	-6.48	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.10	54.19	74.00	-20.90	34.26	11.17	46.52	100	305	Peak
5150	47.08	48.17	54.00	-6.92	34.26	11.17	46.52	100	305	Average
5300	97.96	98.86	/	/	34.32	11.34	46.56	100	305	Peak
5300	91.04	91.94	/	/	34.32	11.34	46.56	100	305	Average
5350	52.84	53.69	74.00	-21.16	34.34	11.39	46.58	100	305	Peak
5350	47.04	47.89	54.00	-6.96	34.34	11.39	46.58	100	305	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	53.24	54.17	74.00	-20.76	34.42	11.17	46.52	155	277	Peak
5150	47.78	48.71	54.00	-6.22	34.42	11.17	46.52	155	277	Average
5300	105.27	105.95	/	/	34.54	11.34	46.56	155	277	Peak
5300	99.48	100.16	/	/	34.54	11.34	46.56	155	277	Average
5350	52.96	53.57	74.00	-21.04	34.58	11.39	46.58	155	277	Peak
5350	47.66	48.27	54.00	-6.34	34.58	11.39	46.58	155	277	Average

REMARKS:

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



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Test Report No.: W7L-231127W001RF03

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.39	54.48	74.00	-20.61	34.26	11.17	46.52	100	305	Peak
5150	46.99	48.08	54.00	-7.01	34.26	11.17	46.52	100	305	Average
5320	97.17	98.05	/	/	34.33	11.36	46.57	100	305	Peak
5320	89.31	90.19	/	/	34.33	11.36	46.57	100	305	Average
5350	53.76	54.61	74.00	-20.24	34.34	11.39	46.58	100	305	Peak
5350	47.58	48.43	54.00	-6.42	34.34	11.39	46.58	100	305	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	53.33	54.26	74.00	-20.67	34.42	11.17	46.52	155	277	Peak
5150	47.64	48.57	54.00	-6.36	34.42	11.17	46.52	155	277	Average
5320	104.14	104.79	/	/	34.56	11.36	46.57	155	277	Peak
5320	97.29	97.94	/	/	34.56	11.36	46.57	155	277	Average
5350	54.65	55.26	74.00	-19.35	34.58	11.39	46.58	155	277	Peak
5350	48.76	49.37	54.00	-5.24	34.58	11.39	46.58	155	277	Average

REMARKS:

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



Test Report No.: W7L-231127W001RF03

802.11ax (20MHz) (RU242):

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	53.60	54.69	74.00	-20.40	34.26	11.17	46.52	100	305	Peak
5150	47.83	48.92	54.00	-6.17	34.26	11.17	46.52	100	305	Average
5260	94.63	95.59	/	/	34.30	11.29	46.55	100	305	Peak
5260	89.73	90.69	/	/	34.30	11.29	46.55	100	305	Average
5350	53.21	54.06	74.00	-20.79	34.34	11.39	46.58	100	305	Peak
5350	47.17	48.02	54.00	-6.83	34.34	11.39	46.58	100	305	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	53.73	54.66	74.00	-20.27	34.42	11.17	46.52	155	277	Peak
5150	47.48	48.41	54.00	-6.52	34.42	11.17	46.52	155	277	Average
5260	103.37	104.12	/	/	34.51	11.29	46.55	155	277	Peak
5260	97.22	97.97	/	/	34.51	11.29	46.55	155	277	Average
5350	54.01	54.62	74.00	-19.99	34.58	11.39	46.58	155	277	Peak
5350	47.44	48.05	54.00	-6.56	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.15	54.24	74.00	-20.85	34.26	11.17	46.52	100	305	Peak
5150	47.49	48.58	54.00	-6.51	34.26	11.17	46.52	100	305	Average
5300	93.62	94.52	/	/	34.32	11.34	46.56	100	305	Peak
5300	87.43	88.33	/	/	34.32	11.34	46.56	100	305	Average
5350	54.00	54.85	74.00	-20.00	34.34	11.39	46.58	100	305	Peak
5350	47.40	48.25	54.00	-6.60	34.34	11.39	46.58	100	305	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	53.74	54.67	74.00	-20.26	34.42	11.17	46.52	155	277	Peak
5150	47.06	47.99	54.00	-6.94	34.42	11.17	46.52	155	277	Average
5300	101.44	102.12	/	/	34.54	11.34	46.56	155	277	Peak
5300	96.19	96.87	/	/	34.54	11.34	46.56	155	277	Average
5350	53.26	53.87	74.00	-20.74	34.58	11.39	46.58	155	277	Peak
5350	48.12	48.73	54.00	-5.88	34.58	11.39	46.58	155	277	Average

REMARKS:

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

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	53.55	54.64	74.00	-20.45	34.26	11.17	46.52	100	305	Peak
5150	47.36	48.45	54.00	-6.64	34.26	11.17	46.52	100	305	Average
5320	92.56	93.44	/	/	34.33	11.36	46.57	100	305	Peak
5320	86.83	87.71	/	/	34.33	11.36	46.57	100	305	Average
5350	53.51	54.36	74.00	-20.49	34.34	11.39	46.58	100	305	Peak
5350	48.02	48.87	54.00	-5.98	34.34	11.39	46.58	100	305	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	55.13	56.06	74.00	-18.87	34.42	11.17	46.52	155	277	Peak
5150	47.31	48.24	54.00	-6.69	34.42	11.17	46.52	155	277	Average
5320	101.24	101.89	/	/	34.56	11.36	46.57	155	277	Peak
5320	94.89	95.54	/	/	34.56	11.36	46.57	155	277	Average
5350	53.74	54.35	74.00	-20.26	34.58	11.39	46.58	155	277	Peak
5350	47.87	48.48	54.00	-6.13	34.58	11.39	46.58	155	277	Average

REMARKS:

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



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Test Report No.: W7L-231127W001RF03

802.11ax (40MHz) (RU484):

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	53.88	54.97	74.00	-20.12	34.26	11.17	46.52	100	305	Peak
5150	47.54	48.63	54.00	-6.46	34.26	11.17	46.52	100	305	Average
5270	90.75	91.70	/	/	34.31	11.30	46.56	100	305	Peak
5270	84.94	85.89	/	/	34.31	11.30	46.56	100	305	Average
5350	52.76	53.61	74.00	-21.24	34.34	11.39	46.58	100	305	Peak
5350	47.21	48.06	54.00	-6.79	34.34	11.39	46.58	100	305	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	52.42	53.35	74.00	-21.58	34.42	11.17	46.52	155	277	Peak
5150	47.93	48.86	54.00	-6.07	34.42	11.17	46.52	155	277	Average
5270	98.98	99.72	/	/	34.52	11.30	46.56	155	277	Peak
5270	92.88	93.62	/	/	34.52	11.30	46.56	155	277	Average
5350	52.29	52.90	74.00	-21.71	34.58	11.39	46.58	155	277	Peak
5350	47.53	48.14	54.00	-6.47	34.58	11.39	46.58	155	277	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 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	52.88	53.97	74.00	-21.12	34.26	11.17	46.52	100	305	Peak
5150	47.10	48.19	54.00	-6.90	34.26	11.17	46.52	100	305	Average
5310	91.35	92.25	/	/	34.32	11.35	46.57	100	305	Peak
5310	83.96	84.86	/	/	34.32	11.35	46.57	100	305	Average
5350	51.72	52.57	74.00	-22.28	34.34	11.39	46.58	100	305	Peak
5350	47.40	48.25	54.00	-6.60	34.34	11.39	46.58	100	305	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5150	52.82	53.75	74.00	-21.18	34.42	11.17	46.52	155	277	Peak
5150	47.21	48.14	54.00	-6.79	34.42	11.17	46.52	155	277	Average
5310	97.47	98.14	/	/	34.55	11.35	46.57	155	277	Peak
5310	92.02	92.69	/	/	34.55	11.35	46.57	155	277	Average
5350	53.26	53.87	74.00	-20.74	34.58	11.39	46.58	155	277	Peak
5350	48.25	48.86	54.00	-5.75	34.58	11.39	46.58	155	277	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5310MHz: Fundamental frequency.



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802.11ax (80MHz) (RU996):

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	52.07	53.16	74.00	-21.93	34.26	11.17	46.52	100	305	Peak
5150	47.12	48.21	54.00	-6.88	34.26	11.17	46.52	100	305	Average
5290	85.16	86.08	/	/	34.32	11.32	46.56	100	305	Peak
5290	80.33	81.25	/	/	34.32	11.32	46.56	100	305	Average
5350	52.10	52.95	74.00	-21.90	34.34	11.39	46.58	100	305	Peak
5350	47.40	48.25	54.00	-6.60	34.34	11.39	46.58	100	305	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	53.59	54.52	74.00	-20.41	34.42	11.17	46.52	155	277	Peak
5150	47.71	48.64	54.00	-6.29	34.42	11.17	46.52	155	277	Average
5290	92.90	93.61	/	/	34.53	11.32	46.56	155	277	Peak
5290	88.18	88.89	/	/	34.53	11.32	46.56	155	277	Average
5350	52.11	52.72	74.00	-21.89	34.58	11.39	46.58	155	277	Peak
5350	48.15	48.76	54.00	-5.85	34.58	11.39	46.58	155	277	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5290MHz: Fundamental frequency.



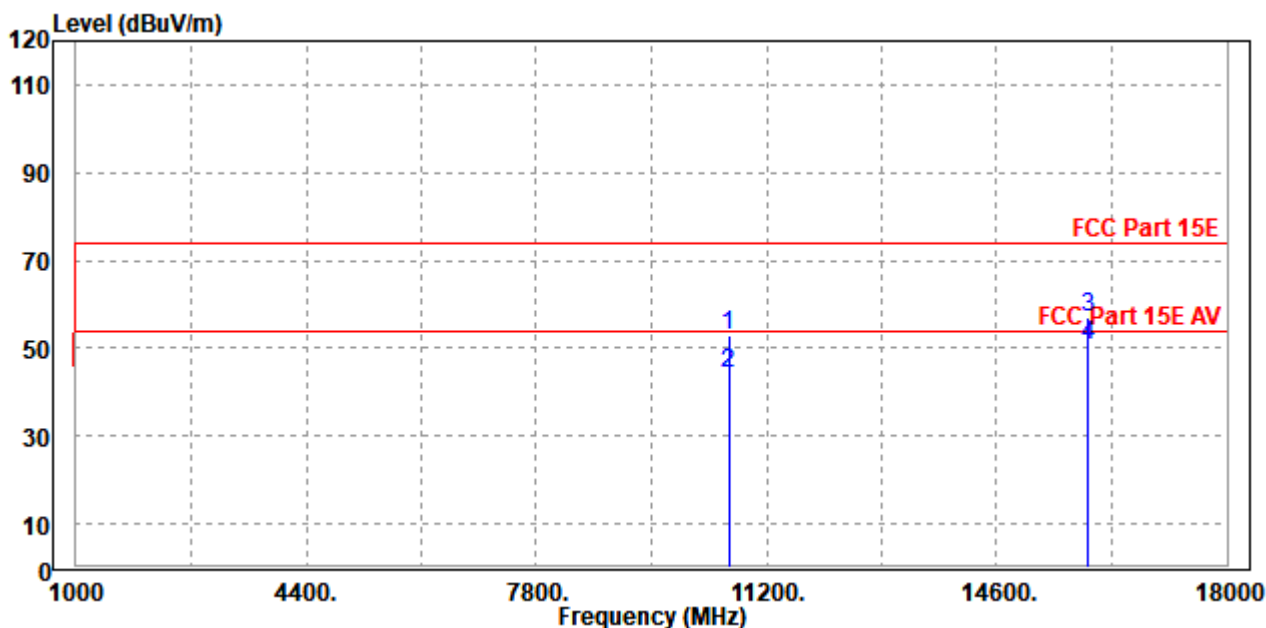
802.11ax (20MHz) (RU106):

Worst case harmonic:

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

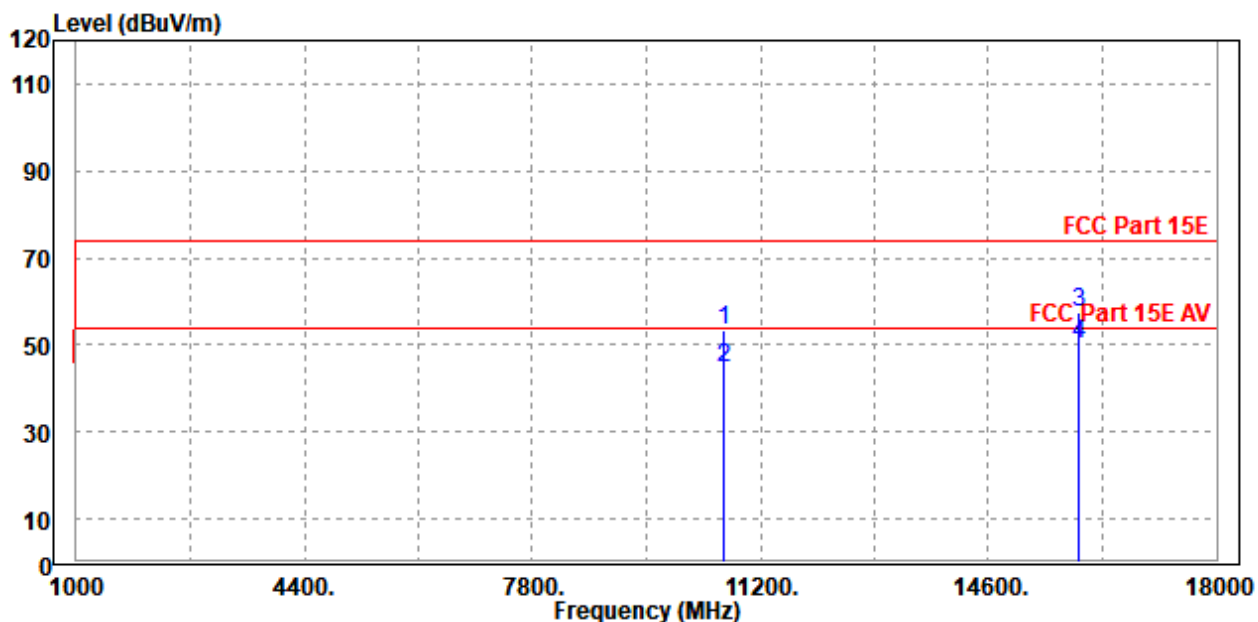
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	10639.000	52.93	44.73	74.00	-21.07	8.20	Peak	Horizontal
2	10639.000	44.06	35.86	54.00	-9.94	8.20	Average	Horizontal
3	PK15960.000	57.23	40.88	74.00	-16.77	16.35	Peak	Horizontal
4	PP15960.000	50.54	34.19	54.00	-3.46	16.35	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	10640.000	53.40	45.00	74.00	-20.60	8.40	Peak	Vertical
2	10640.000	44.94	36.54	54.00	-9.06	8.40	Average	Vertical
3	PK15960.000	57.43	40.52	74.00	-16.57	16.91	Peak	Vertical
4	PP15960.000	50.12	33.21	54.00	-3.88	16.91	Average	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5320MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



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Test Report No.: W7L-231127W001RF03

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	54.89	55.6	74	-19.11	34.38	11.52	46.61	115	315	Peak
5460	47.99	48.7	54	-6.01	34.38	11.52	46.61	115	315	Average
5470	61.83	62.52	68.2	-6.37	34.39	11.53	46.61	115	315	Peak
5500	106.57	107.23	/	/	34.4	11.56	46.62	115	315	Peak
5500	101.15	101.81	/	/	34.4	11.56	46.62	115	315	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	55.37	55.79	74	-18.63	34.67	11.52	46.61	156	315	Peak
5460	48.83	49.25	54	-5.17	34.67	11.52	46.61	156	315	Average
5470	64.17	64.57	68.2	-4.03	34.68	11.53	46.61	156	315	Peak
5500	111.77	112.13	/	/	34.7	11.56	46.62	156	315	Peak
5500	106.27	106.63	/	/	34.7	11.56	46.62	156	315	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.35	54.06	74	-20.65	34.38	11.52	46.61	115	315	Peak
5460	47.46	48.17	54	-6.54	34.38	11.52	46.61	115	315	Average
5470	53.39	54.08	68.2	-14.81	34.39	11.53	46.61	115	315	Peak
5580	103.97	104.48	/	/	34.54	11.59	46.64	115	315	Peak
5580	98.38	98.89	/	/	34.54	11.59	46.64	115	315	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	54.15	54.57	74	-19.85	34.67	11.52	46.61	158	315	Peak
5460	48.05	48.47	54	-5.95	34.67	11.52	46.61	158	315	Average
5470	54.18	54.58	68.2	-14.02	34.68	11.53	46.61	158	315	Peak
5580	108.78	109	/	/	34.83	11.59	46.64	158	315	Peak
5580	103.32	103.54	/	/	34.83	11.59	46.64	158	315	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.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	102.42	102.7	/	/	34.76	11.64	46.68	100	315	Peak
5700	96.94	97.22	/	/	34.76	11.64	46.68	100	315	Average
5725	56.62	56.84	68.2	-11.58	34.81	11.65	46.68	100	315	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	109.91	109.93	/	/	35.02	11.64	46.68	155	270	Peak
5700	103.72	103.74	/	/	35.02	11.64	46.68	155	270	Average
5725	54.64	54.61	68.2	-13.56	35.06	11.65	46.68	155	270	Peak

REMARKS:

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



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

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	53.46	54.15	68.2	-14.74	34.39	11.53	46.61	160	315	Peak
5720	103.27	103.51	/	/	34.8	11.64	46.68	160	315	Peak
5720	97.75	97.99	/	/	34.8	11.64	46.68	160	315	Average
5850	54.93	54.93	68.2	-13.27	35.03	11.69	46.72	160	315	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	54.27	54.67	68.2	-13.93	34.68	11.53	46.61	155	270	Peak
5720	110.82	110.81	/	/	35.05	11.64	46.68	155	270	Peak
5720	104.86	104.85	/	/	35.05	11.64	46.68	155	270	Average
5850	55.26	55.03	68.2	-12.94	35.26	11.69	46.72	155	270	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

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	54.11	54.82	74	-19.89	34.38	11.52	46.61	105	300	Peak
5460	47.43	48.14	54	-6.57	34.38	11.52	46.61	105	300	Average
5470	54.26	54.95	68.2	-13.94	34.39	11.53	46.61	105	300	Peak
5500	101.18	101.84	/	/	34.4	11.56	46.62	105	300	Peak
5500	94.7	95.36	/	/	34.4	11.56	46.62	105	300	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.87	54.29	74	-20.13	34.67	11.52	46.61	100	300	Peak
5460	47.94	48.36	54	-6.06	34.67	11.52	46.61	100	300	Average
5470	54.01	54.41	68.2	-14.19	34.68	11.53	46.61	100	300	Peak
5500	103.91	104.27	/	/	34.7	11.56	46.62	100	300	Peak
5500	98.37	98.73	/	/	34.7	11.56	46.62	100	300	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.27	54.98	74	-19.73	34.38	11.52	46.61	100	300	Peak
5460	47.43	48.14	54	-6.57	34.38	11.52	46.61	100	300	Average
5470	54.09	54.78	68.2	-14.11	34.39	11.53	46.61	100	300	Peak
5580	100.41	100.92	/	/	34.54	11.59	46.64	100	300	Peak
5580	95.05	95.56	/	/	34.54	11.59	46.64	100	300	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.58	54	74	-20.42	34.67	11.52	46.61	147	270	Peak
5460	47.77	48.19	54	-6.23	34.67	11.52	46.61	147	270	Average
5470	54.06	54.46	68.2	-14.14	34.68	11.53	46.61	147	270	Peak
5580	107.55	107.77	/	/	34.83	11.59	46.64	147	270	Peak
5580	101.22	101.44	/	/	34.83	11.59	46.64	147	270	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	101.65	101.93	/	/	34.76	11.64	46.68	120	315	Peak
5700	94.4	94.68	/	/	34.76	11.64	46.68	120	315	Average
5725	54.53	54.75	68.2	-13.67	34.81	11.65	46.68	120	315	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	108.26	108.28	/	/	35.02	11.64	46.68	147	270	Peak
5700	102.82	102.84	/	/	35.02	11.64	46.68	147	270	Average
5725	54.19	54.16	68.2	-14.01	35.06	11.65	46.68	147	270	Peak

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	55.13	55.82	68.2	-13.07	34.39	11.53	46.61	120	315	Peak
5720	100.17	100.41	/	/	34.8	11.64	46.68	120	315	Average
5720	95.83	96.07	/	/	34.8	11.64	46.68	120	315	Peak
5850	54.06	54.06	68.2	-14.14	35.03	11.69	46.72	120	315	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	53.96	54.36	68.2	-14.24	34.68	11.53	46.61	140	267	Peak
5720	108.12	108.11	/	/	35.05	11.64	46.68	140	267	Average
5720	102.53	102.52	/	/	35.05	11.64	46.68	140	267	Peak
5850	54.81	54.58	68.2	-13.39	35.26	11.69	46.72	140	267	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11n (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	53.7	54.41	74	-20.3	34.38	11.52	46.61	105	300	Peak
5460	47.54	48.25	54	-6.46	34.38	11.52	46.61	105	300	Average
5470	54.23	54.92	68.2	-13.97	34.39	11.53	46.61	105	300	Peak
5510	94.49	95.13	/	/	34.42	11.56	46.62	105	300	Peak
5510	92.62	93.26	/	/	34.42	11.56	46.62	105	300	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.55	54.97	74	-19.45	34.67	11.52	46.61	100	300	Peak
5460	47.91	48.33	54	-6.09	34.67	11.52	46.61	100	300	Average
5470	54.9	55.3	68.2	-13.3	34.68	11.53	46.61	100	300	Peak
5510	98.49	98.83	/	/	34.72	11.56	46.62	100	300	Peak
5510	95.63	95.97	/	/	34.72	11.56	46.62	100	300	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5510MHz: Fundamental frequency.
3. #: Out of restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.06	54.77	74	-19.94	34.38	11.52	46.61	100	300	Peak
5460	47.82	48.53	54	-6.18	34.38	11.52	46.61	100	300	Average
5470	53.45	54.14	68.2	-14.75	34.39	11.53	46.61	100	300	Peak
5550	94.71	95.27	/	/	34.49	11.58	46.63	100	300	Peak
5550	92.99	93.55	/	/	34.49	11.58	46.63	100	300	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.77	54.19	74	-20.23	34.67	11.52	46.61	100	300	Peak
5460	48.22	48.64	54	-5.78	34.67	11.52	46.61	100	300	Average
5470	54.14	54.54	68.2	-14.06	34.68	11.53	46.61	100	300	Peak
5550	98.82	99.09	/	/	34.78	11.58	46.63	100	300	Peak
5550	95.72	95.99	/	/	34.78	11.58	46.63	100	300	Average

REMARKS:

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



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Test Report No.: W7L-231127W001RF03

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	93.82	94.16	/	/	34.71	11.62	46.67	100	315	Peak
5670	91.68	92.02	/	/	34.71	11.62	46.67	100	315	Average
5725	55.22	55.44	68.2	-12.98	34.81	11.65	46.68	100	315	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	102.2	102.28	/	/	34.97	11.62	46.67	140	270	Peak
5670	100.75	100.83	/	/	34.97	11.62	46.67	140	270	Average
5725	53.16	53.13	68.2	-15.04	35.06	11.65	46.68	140	270	Peak

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	52.31	53	68.2	-15.89	34.39	11.53	46.61	120	315	Peak
5710	93.24	93.5	/	/	34.78	11.64	46.68	120	315	Peak
5710	92.15	92.41	/	/	34.78	11.64	46.68	120	315	Average
5850	53.18	53.18	68.2	-15.02	35.03	11.69	46.72	120	315	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	54.12	54.52	68.2	-14.08	34.68	11.53	46.61	130	268	Peak
5710	101.1	101.1	/	/	35.04	11.64	46.68	130	268	Peak
5710	99.54	99.54	/	/	35.04	11.64	46.68	130	268	Average
5850	53.49	53.26	68.2	-14.71	35.26	11.69	46.72	130	268	Peak

REMARKS:

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

802.11ax (20MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.87	54.58	74	-20.13	34.38	11.52	46.61	100	290	Peak
5460	47.43	48.14	54	-6.57	34.38	11.52	46.61	100	290	Average
5470	54.53	55.22	68.2	-13.67	34.39	11.53	46.61	100	290	Peak
5500	97.46	98.12	/	/	34.4	11.56	46.62	100	290	Peak
5500	91.6	92.26	/	/	34.4	11.56	46.62	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.15	53.57	74	-20.85	34.67	11.52	46.61	100	285	Peak
5460	47.84	48.26	54	-6.16	34.67	11.52	46.61	100	285	Average
5470	53.88	54.28	68.2	-14.32	34.68	11.53	46.61	100	285	Peak
5500	105.31	105.67	/	/	34.7	11.56	46.62	100	285	Peak
5500	99.12	99.48	/	/	34.7	11.56	46.62	100	285	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

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	53.92	54.63	74	-20.08	34.38	11.52	46.61	100	290	Peak
5460	48.15	48.86	54	-5.85	34.38	11.52	46.61	100	290	Average
5470	55.01	55.7	68.2	-13.19	34.39	11.53	46.61	100	290	Peak
5580	101.92	102.43	/	/	34.54	11.59	46.64	100	290	Peak
5580	94.95	95.46	/	/	34.54	11.59	46.64	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.75	54.17	74	-20.25	34.67	11.52	46.61	100	290	Peak
5460	47.83	48.25	54	-6.17	34.67	11.52	46.61	100	290	Average
5470	55.51	55.91	68.2	-12.69	34.68	11.53	46.61	100	290	Peak
5580	110.06	110.28	/	/	34.83	11.59	46.64	100	290	Peak
5580	103.55	103.77	/	/	34.83	11.59	46.64	100	290	Average

REMARKS:

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



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5700	97.57	97.85	/	/	34.76	11.64	46.68	100	320	Peak
5700	88.83	89.11	/	/	34.76	11.64	46.68	100	320	Average
5725	54.55	54.77	68.2	-13.65	34.81	11.65	46.68	100	320	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	106.88	106.9	/	/	35.02	11.64	46.68	100	290	Peak
5700	100.86	100.88	/	/	35.02	11.64	46.68	100	290	Average
5725	55.12	55.09	68.2	-13.08	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.



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

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	53.81	54.5	68.2	-14.39	34.39	11.53	46.61	100	290	Peak
5720	96.57	96.81	/	/	34.8	11.64	46.68	100	290	Peak
5720	88.26	88.5	/	/	34.8	11.64	46.68	100	290	Average
5850	54.45	54.45	68.2	-13.75	35.03	11.69	46.72	100	290	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	53.07	53.47	68.2	-15.13	34.68	11.53	46.61	100	290	Peak
5720	107.89	107.88	/	/	35.05	11.64	46.68	100	290	Peak
5720	101.28	101.27	/	/	35.05	11.64	46.68	100	290	Average
5850	56.66	56.43	68.2	-11.54	35.26	11.69	46.72	100	290	Peak

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ax (40MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.56	53.27	74	-21.44	34.38	11.52	46.61	100	290	Peak
5460	47.23	47.94	54	-6.77	34.38	11.52	46.61	100	290	Average
5470	54.3	54.99	68.2	-13.9	34.39	11.53	46.61	100	290	Peak
5510	92.6	93.24	/	/	34.42	11.56	46.62	100	290	Peak
5510	87.12	87.76	/	/	34.42	11.56	46.62	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.66	54.08	74	-20.34	34.67	11.52	46.61	100	290	Peak
5460	47.83	48.25	54	-6.17	34.67	11.52	46.61	100	290	Average
5470	54.01	54.41	68.2	-14.19	34.68	11.53	46.61	100	290	Peak
5510	99.59	99.93	/	/	34.72	11.56	46.62	100	290	Peak
5510	94.26	94.6	/	/	34.72	11.56	46.62	100	290	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5510MHz: Fundamental frequency.
3. #: 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	51.94	52.65	74	-22.06	34.38	11.52	46.61	100	290	Peak
5460	48.4	49.11	54	-5.6	34.38	11.52	46.61	100	290	Average
5470	51.75	52.44	68.2	-16.45	34.39	11.53	46.61	100	290	Peak
5550	91.19	91.75	/	/	34.49	11.58	46.63	100	290	Peak
5550	87.29	87.85	/	/	34.49	11.58	46.63	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.29	52.71	74	-21.71	34.67	11.52	46.61	100	290	Peak
5460	47.6	48.02	54	-6.4	34.67	11.52	46.61	100	290	Average
5470	53.85	54.25	68.2	-14.35	34.68	11.53	46.61	100	290	Peak
5550	99.85	100.12	/	/	34.78	11.58	46.63	100	290	Peak
5550	96.5	96.77	/	/	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	92.11	92.45	/	/	34.71	11.62	46.67	100	290	Peak
5670	87.7	88.04	/	/	34.71	11.62	46.67	100	290	Average
5725	53.39	53.61	68.2	-14.81	34.81	11.65	46.68	100	290	Peak
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5670	102.1	102.18	/	/	34.97	11.62	46.67	100	290	Peak
5670	97.49	97.57	/	/	34.97	11.62	46.67	100	290	Average
5725	52.69	52.66	68.2	-15.51	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.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	52.32	53.01	68.2	-15.88	34.39	11.53	46.61	105	115	Peak
5710	90.87	91.13	/	/	34.78	11.64	46.68	105	115	Peak
5710	85.38	85.64	/	/	34.78	11.64	46.68	105	115	Average
5850	53.8	53.8	68.2	-14.4	35.03	11.69	46.72	105	115	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	53.9	54.3	68.2	-14.3	34.68	11.53	46.61	100	290	Peak
5710	101.43	101.43	/	/	35.04	11.64	46.68	100	290	Peak
5710	97.07	97.07	/	/	35.04	11.64	46.68	100	290	Average
5850	54.07	53.84	68.2	-14.13	35.26	11.69	46.72	100	290	Peak

REMARKS:

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



802.11ax (80MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.55	53.26	74	-21.45	34.38	11.52	46.61	100	290	Peak
5460	48.64	49.35	54	-5.36	34.38	11.52	46.61	100	290	Average
5470	51.4	52.09	68.2	-16.8	34.39	11.53	46.61	100	290	Peak
5530	89.72	90.33	/	/	34.45	11.57	46.63	100	290	Peak
5530	86	86.61	/	/	34.45	11.57	46.63	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.41	54.83	74	-19.59	34.67	11.52	46.61	100	290	Peak
5460	50.17	50.59	54	-3.83	34.67	11.52	46.61	100	290	Average
5470	53.51	53.91	68.2	-14.69	34.68	11.53	46.61	100	290	Peak
5530	97.78	98.09	/	/	34.75	11.57	46.63	100	290	Peak
5530	93.97	94.28	/	/	34.75	11.57	46.63	100	290	Average

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.74	53.45	74	-21.26	34.38	11.52	46.61	100	290	Peak
5460	47.95	48.66	54	-6.05	34.38	11.52	46.61	100	290	Average
5470	51.71	52.4	68.2	-16.49	34.39	11.53	46.61	100	290	Peak
5610	88.65	89.1	/	/	34.6	11.6	46.65	100	290	Peak
5610	84.8	85.25	/	/	34.6	11.6	46.65	100	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.09	54.51	74	-19.91	34.67	11.52	46.61	100	290	Peak
5460	48.34	48.76	54	-5.66	34.67	11.52	46.61	100	290	Average
5470	53.28	53.68	68.2	-14.92	34.68	11.53	46.61	100	290	Peak
5610	98.17	98.34	/	/	34.88	11.6	46.65	100	290	Peak
5610	94.46	94.63	/	/	34.88	11.6	46.65	100	290	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5610MHz: Fundamental frequency.
3. #: Out of restricted band.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	52.92	53.61	68.2	-15.28	34.39	11.53	46.61	100	318	Peak
5690	87.89	88.19	/	/	34.74	11.63	46.67	100	318	Peak
5690	83.23	83.53	/	/	34.74	11.63	46.67	100	318	Average
5850	52.95	52.95	68.2	-15.25	35.03	11.69	46.72	100	318	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	53.4	68.2	-15.2	34.68	11.53	46.61	100	290	Peak
5690	98.02	98.06	/	/	35	11.63	46.67	100	290	Average
5690	94.73	94.77	/	/	35	11.63	46.67	100	290	Peak
5850	53.88	53.65	68.2	-14.32	35.26	11.69	46.72	100	290	Peak

REMARKS:

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



802.11ac(80MHz)

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	52.37	53.08	74	-21.63	34.38	11.52	46.61	100	300	Peak
5460	47.72	48.43	54	-6.28	34.38	11.52	46.61	100	300	Average
5470	52.29	52.98	68.2	-15.91	34.39	11.53	46.61	100	300	Peak
5530	91.65	92.26	/	/	34.45	11.57	46.63	100	300	Peak
5530	89.19	89.8	/	/	34.45	11.57	46.63	100	300	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.73	54.15	74	-20.27	34.67	11.52	46.61	118	316	Peak
5460	48.58	49	54	-5.42	34.67	11.52	46.61	118	316	Average
5470	54.18	54.58	68.2	-14.02	34.68	11.53	46.61	118	316	Peak
5530	96.8	97.11	/	/	34.75	11.57	46.63	118	316	Peak
5530	92.9	93.21	/	/	34.75	11.57	46.63	118	316	Average

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53.6	54.31	74	-20.4	34.38	11.52	46.61	118	315	Peak
5460	47.61	48.32	54	-6.39	34.38	11.52	46.61	118	315	Average
5470	53.13	53.82	68.2	-15.07	34.39	11.53	46.61	118	315	Peak
5610	92.72	93.17	/	/	34.6	11.6	46.65	118	315	Peak
5610	88.99	89.44	/	/	34.6	11.6	46.65	118	315	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	316	Peak
5460	48.39	48.81	54	-5.61	34.67	11.52	46.61	100	316	Average
5470	52.66	53.06	68.2	-15.54	34.68	11.53	46.61	100	316	Peak
5610	96.89	97.06	/	/	34.88	11.6	46.65	100	316	Peak
5610	92.47	92.64	/	/	34.88	11.6	46.65	100	316	Average

REMARKS:

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

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5470	52.95	53.64	68.2	-15.25	34.39	11.53	46.61	118	315	Peak
5690	92.71	93.01	/	/	34.74	11.63	46.67	118	315	Peak
5690	88.47	88.77	/	/	34.74	11.63	46.67	118	315	Average
5850	54.16	54.16	68.2	-14.04	35.03	11.69	46.72	118	315	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	52.67	53.07	68.2	-15.53	34.68	11.53	46.61	135	270	Peak
5690	99.6	99.64	/	/	35	11.63	46.67	135	270	Average
5690	97.37	97.41	/	/	35	11.63	46.67	135	270	Peak
5850	54.08	53.85	68.2	-14.12	35.26	11.69	46.72	135	270	Peak

REMARKS:

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



**BUREAU
VERITAS**

Test Report No.: W7L-231127W001RF03

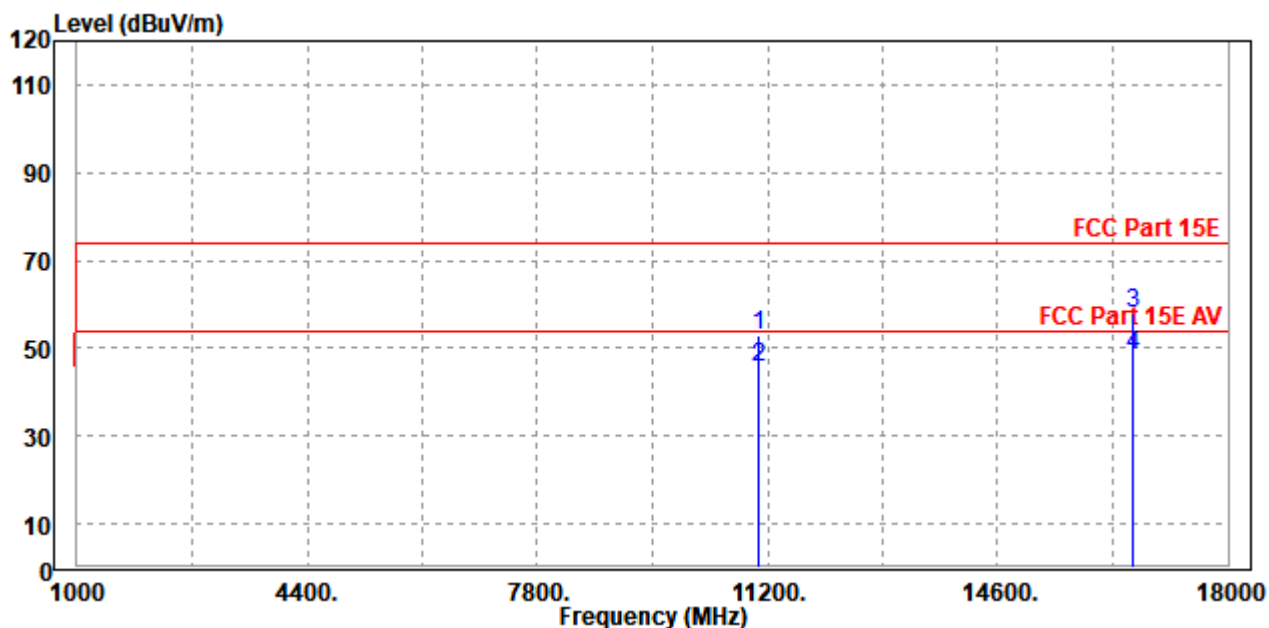
802.11ax (80MHz)

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

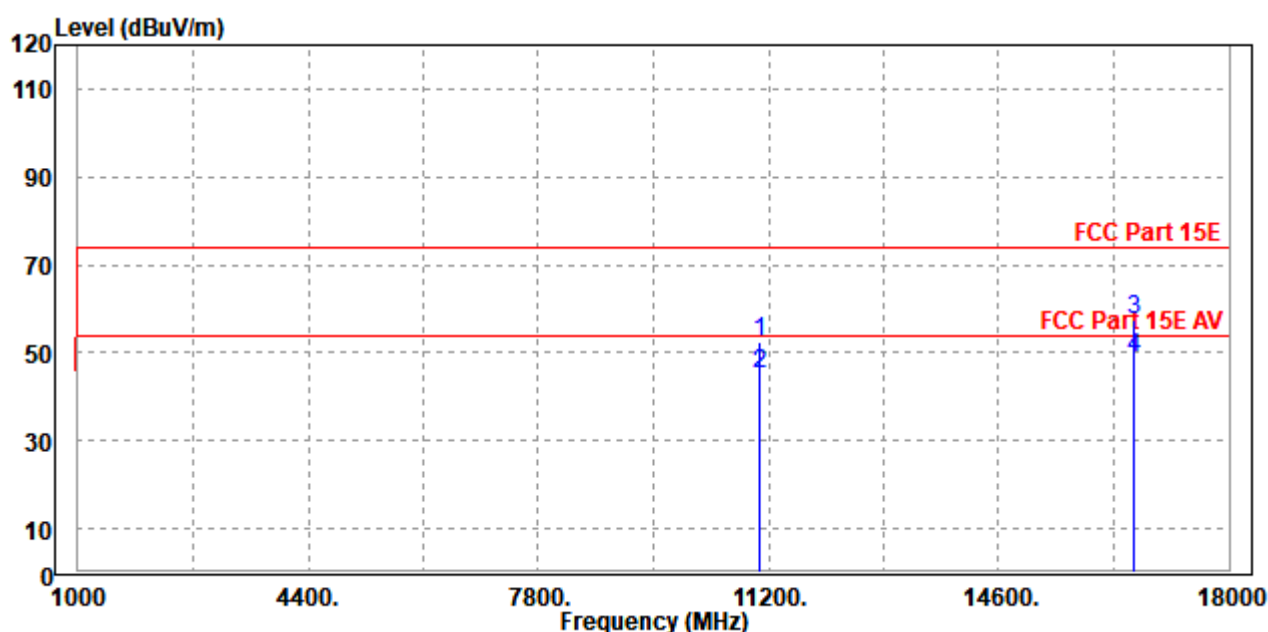
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	11060.000	52.85	44.39	74.00	-21.15	8.46	Peak	Horizontal
2	11060.000	45.58	37.12	54.00	-8.42	8.46	Average	Horizontal
3	PK16589.000	57.87	41.20	74.00	-16.13	16.67	Peak	Horizontal
4	PP16589.000	48.52	31.85	54.00	-5.48	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	52.56	43.90	74.00	-21.44	8.66	Peak	Vertical
2	11064.000	45.01	36.35	54.00	-8.99	8.66	Average	Vertical
3	PK16590.000	57.67	40.89	74.00	-16.33	16.78	Peak	Vertical
4	PP16590.000	48.87	32.09	54.00	-5.13	16.78	Average	Vertical



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5530MHz: Fundamental frequency.
- 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	52.42	53.13	74	-21.58	34.38	11.52	46.61	105	290	Peak
5460	47.39	48.1	54	-6.61	34.38	11.52	46.61	105	290	Average
5470	53.53	54.22	68.2	-14.67	34.39	11.53	46.61	105	290	Peak
5500	99.88	100.54	/	/	34.4	11.56	46.62	105	290	Peak
5500	94.74	95.4	/	/	34.4	11.56	46.62	105	290	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	53	53.42	74	-21	34.67	11.52	46.61	115	288	Peak
5460	47.6	48.02	54	-6.4	34.67	11.52	46.61	115	288	Average
5470	53.67	54.07	68.2	-14.53	34.68	11.53	46.61	115	288	Peak
5500	107.94	108.3	/	/	34.7	11.56	46.62	115	288	Peak
5500	101.9	102.26	/	/	34.7	11.56	46.62	115	288	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
5460	54.15	54.86	74	-19.85	34.38	11.52	46.61	100	320	Peak
5460	47.31	48.02	54	-6.69	34.38	11.52	46.61	100	320	Average
5470	54.77	55.46	68.2	-13.43	34.39	11.53	46.61	100	320	Peak
5580	98.4	98.91	/	/	34.54	11.59	46.64	100	320	Peak
5580	90.8	91.31	/	/	34.54	11.59	46.64	100	320	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	54.43	54.85	74	-19.57	34.67	11.52	46.61	100	285	Peak
5460	48.17	48.59	54	-5.83	34.67	11.52	46.61	100	285	Average
5470	55.05	55.45	68.2	-13.15	34.68	11.53	46.61	100	285	Peak
5580	107.77	107.99	/	/	34.83	11.59	46.64	100	285	Peak
5580	100.02	100.24	/	/	34.83	11.59	46.64	100	285	Average

REMARKS:

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