



<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.49	59.53	74.00	-22.51	31.75	6.18	45.97	175	35	Peak
2390.000	43.42	51.46	54.00	-10.58	31.75	6.18	45.97	175	35	Average
2437.000	105.62	113.43	/	/	31.90	6.24	45.95	175	35	Peak
2437.000	104.14	111.95	/	/	31.90	6.24	45.95	175	35	Average
2483.500	49.88	57.45	74.00	-24.12	32.05	6.31	45.93	175	35	Peak
2483.500	43.38	50.95	54.00	-10.62	32.05	6.31	45.93	175	35	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
2390.000	51.15	58.80	74.00	-22.85	32.14	6.18	45.97	100	320	Peak
2390.000	43.77	51.42	54.00	-10.23	32.14	6.18	45.97	100	320	Average
2437.000	101.21	108.67	/	/	32.25	6.24	45.95	100	320	Peak
2437.000	99.26	106.72	/	/	32.25	6.24	45.95	100	320	Average
2483.500	51.02	58.28	74.00	-22.98	32.36	6.31	45.93	100	320	Peak
2483.500	43.82	51.08	54.00	-10.18	32.36	6.31	45.93	100	320	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	50.89	58.93	74.00	-23.11	31.75	6.18	45.97	190	35	Peak
2390.000	43.23	51.27	54.00	-10.77	31.75	6.18	45.97	190	35	Average
2462.000	106.48	114.16	/	/	31.98	6.28	45.94	190	35	Peak
2462.000	105.08	112.76	/	/	31.98	6.28	45.94	190	35	Average
2483.500	51.66	59.23	74.00	-22.34	32.05	6.31	45.93	190	35	Peak
2483.500	43.67	51.24	54.00	-10.33	32.05	6.31	45.93	190	35	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
2390.000	52.23	59.88	74.00	-21.77	32.14	6.18	45.97	100	280	Peak
2390.000	43.53	51.18	54.00	-10.47	32.14	6.18	45.97	100	280	Average
2462.000	104.15	111.50	/	/	32.31	6.28	45.94	100	280	Peak
2462.000	101.74	109.09	/	/	32.31	6.28	45.94	100	280	Average
2483.500	52.11	59.37	74.00	-21.89	32.36	6.31	45.93	100	280	Peak
2483.500	44.79	52.05	54.00	-9.21	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2462MHz: Fundamental frequency.



802.11g

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	52.19	60.23	74.00	-21.81	31.75	6.18	45.97	190	35	Peak
2390.000	43.44	51.48	54.00	-10.56	31.75	6.18	45.97	190	35	Average
2412.000	108.57	116.50	/	/	31.82	6.21	45.96	190	35	Peak
2412.000	105.03	112.96	/	/	31.82	6.21	45.96	190	35	Average
2483.500	51.52	59.09	74.00	-22.48	32.05	6.31	45.93	190	35	Peak
2483.500	43.38	50.95	54.00	-10.62	32.05	6.31	45.93	190	35	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
2390.000	51.24	58.89	74.00	-22.76	32.14	6.18	45.97	100	280	Peak
2390.000	44.10	51.75	54.00	-9.90	32.14	6.18	45.97	100	280	Average
2412.000	103.34	110.90	/	/	32.19	6.21	45.96	100	280	Peak
2412.000	99.89	107.45	/	/	32.19	6.21	45.96	100	280	Average
2483.500	51.61	58.87	74.00	-22.39	32.36	6.31	45.93	100	280	Peak
2483.500	44.24	51.50	54.00	-9.76	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2412MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>										
<b>FREQ. (MHz)</b>	<b>EMISSION LEVEL (dBuV/m)</b>	<b>READ LEVEL (dBuV)</b>	<b>LIMIT (dBuV/m)</b>	<b>MARGIN (dB)</b>	<b>ANTENNA FACTOR (dB /m)</b>	<b>CABLE LOSS (dB)</b>	<b>PREAMP FACTOR (dB)</b>	<b>ANTENNA HEIGHT (cm)</b>	<b>TABLE ANGLE (Degree)</b>	<b>REMARK</b>
2390.000	50.89	58.93	74.00	-23.11	31.75	6.18	45.97	190	35	Peak
2390.000	43.50	51.54	54.00	-10.50	31.75	6.18	45.97	190	35	Average
2437.000	106.74	114.55	/	/	31.90	6.24	45.95	190	35	Peak
2437.000	102.28	110.09	/	/	31.90	6.24	45.95	190	35	Average
2483.500	51.69	59.26	74.00	-22.31	32.05	6.31	45.93	190	35	Peak
2483.500	43.82	51.39	54.00	-10.18	32.05	6.31	45.93	190	35	Average
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>										
<b>FREQ. (MHz)</b>	<b>EMISSION LEVEL (dBuV/m)</b>	<b>READ LEVEL (dBuV)</b>	<b>LIMIT (dBuV/m)</b>	<b>MARGIN (dB)</b>	<b>ANTENNA FACTOR (dB /m)</b>	<b>CABLE LOSS (dB)</b>	<b>PREAMP FACTOR (dB)</b>	<b>ANTENNA HEIGHT (cm)</b>	<b>TABLE ANGLE (Degree)</b>	<b>REMARK</b>
2390.000	50.96	58.61	74.00	-23.04	32.14	6.18	45.97	100	280	Peak
2390.000	44.53	52.18	54.00	-9.47	32.14	6.18	45.97	100	280	Average
2437.000	103.22	110.68	/	/	32.25	6.24	45.95	100	280	Peak
2437.000	98.59	106.05	/	/	32.25	6.24	45.95	100	280	Average
2483.500	51.47	58.73	74.00	-22.53	32.36	6.31	45.93	100	280	Peak
2483.500	45.07	52.33	54.00	-8.93	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.06	59.10	74.00	-22.94	31.75	6.18	45.97	190	35	Peak
2390.000	43.93	51.97	54.00	-10.07	31.75	6.18	45.97	190	35	Average
2462.000	109.21	116.89	/	/	31.98	6.28	45.94	190	35	Peak
2462.000	103.93	111.61	/	/	31.98	6.28	45.94	190	35	Average
2483.500	52.31	59.88	74.00	-21.69	32.05	6.31	45.93	190	35	Peak
2483.500	43.89	51.46	54.00	-10.11	32.05	6.31	45.93	190	35	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
2390.000	50.75	58.40	74.00	-23.25	32.14	6.18	45.97	100	280	Peak
2390.000	44.22	51.87	54.00	-9.78	32.14	6.18	45.97	100	280	Average
2462.000	104.30	111.65	/	/	32.31	6.28	45.94	100	280	Peak
2462.000	100.19	107.54	/	/	32.31	6.28	45.94	100	280	Average
2483.500	52.42	59.68	74.00	-21.58	32.36	6.31	45.93	100	280	Peak
2483.500	44.15	51.41	54.00	-9.85	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2462MHz: Fundamental frequency.



**802.11n (20MHz)**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>										
<b>FREQ. (MHz)</b>	<b>EMISSION LEVEL (dBuV/m)</b>	<b>READ LEVEL (dBuV)</b>	<b>LIMIT (dBuV/m)</b>	<b>MARGIN (dB)</b>	<b>ANTENNA FACTOR (dB /m)</b>	<b>CABLE LOSS (dB)</b>	<b>PREAMP FACTOR (dB)</b>	<b>ANTENNA HEIGHT (cm)</b>	<b>TABLE ANGLE (Degree)</b>	<b>REMARK</b>
2390.000	53.88	61.92	74.00	-20.12	31.75	6.18	45.97	175	35	Peak
2390.000	44.89	52.93	54.00	-9.11	31.75	6.18	45.97	175	35	Average
2412.000	105.74	113.67	/	/	31.82	6.21	45.96	175	35	Peak
2412.000	98.49	106.42	/	/	31.82	6.21	45.96	175	35	Average
2483.500	52.61	60.18	74.00	-21.39	32.05	6.31	45.93	175	35	Peak
2483.500	43.79	51.36	54.00	-10.21	32.05	6.31	45.93	175	35	Average
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>										
<b>FREQ. (MHz)</b>	<b>EMISSION LEVEL (dBuV/m)</b>	<b>READ LEVEL (dBuV)</b>	<b>LIMIT (dBuV/m)</b>	<b>MARGIN (dB)</b>	<b>ANTENNA FACTOR (dB /m)</b>	<b>CABLE LOSS (dB)</b>	<b>PREAMP FACTOR (dB)</b>	<b>ANTENNA HEIGHT (cm)</b>	<b>TABLE ANGLE (Degree)</b>	<b>REMARK</b>
2390.000	51.22	58.87	74.00	-22.78	32.14	6.18	45.97	100	295	Peak
2390.000	44.21	51.86	54.00	-9.79	32.14	6.18	45.97	100	295	Average
2412.000	101.22	108.78	/	/	32.19	6.21	45.96	100	295	Peak
2412.000	93.48	101.04	/	/	32.19	6.21	45.96	100	295	Average
2483.500	51.44	58.70	74.00	-22.56	32.36	6.31	45.93	100	295	Peak
2483.500	43.76	51.02	54.00	-10.24	32.36	6.31	45.93	100	295	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	50.45	58.49	74.00	-23.55	31.75	6.18	45.97	175	35	Peak
2390.000	44.25	52.29	54.00	-9.75	31.75	6.18	45.97	175	35	Average
2437.000	103.89	111.70	/	/	31.90	6.24	45.95	175	35	Peak
2437.000	96.47	104.28	/	/	31.90	6.24	45.95	175	35	Average
2483.500	52.05	59.62	74.00	-21.95	32.05	6.31	45.93	175	35	Peak
2483.500	44.19	51.76	54.00	-9.81	32.05	6.31	45.93	175	35	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
2390.000	51.45	59.10	74.00	-22.55	32.14	6.18	45.97	100	280	Peak
2390.000	44.06	51.71	54.00	-9.94	32.14	6.18	45.97	100	280	Average
2437.000	100.64	108.10	/	/	32.25	6.24	45.95	100	280	Peak
2437.000	92.48	99.94	/	/	32.25	6.24	45.95	100	280	Average
2483.500	52.73	59.99	74.00	-21.27	32.36	6.31	45.93	100	280	Peak
2483.500	43.73	50.99	54.00	-10.27	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2437MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	50.82	58.86	74.00	-23.18	31.75	6.18	45.97	175	35	Peak
2390.000	43.01	51.05	54.00	-10.99	31.75	6.18	45.97	175	35	Average
2462.000	104.46	112.14	/	/	31.98	6.28	45.94	175	35	Peak
2462.000	97.15	104.83	/	/	31.98	6.28	45.94	175	35	Average
2483.500	51.67	59.24	74.00	-22.33	32.05	6.31	45.93	175	35	Peak
2483.500	45.07	52.64	54.00	-8.93	32.05	6.31	45.93	175	35	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
2390.000	52.06	59.71	74.00	-21.94	32.14	6.18	45.97	100	280	Peak
2390.000	43.61	51.26	54.00	-10.39	32.14	6.18	45.97	100	280	Average
2462.000	100.39	107.74	/	/	32.31	6.28	45.94	100	280	Peak
2462.000	93.56	100.91	/	/	32.31	6.28	45.94	100	280	Average
2483.500	52.05	59.31	74.00	-21.95	32.36	6.31	45.93	100	280	Peak
2483.500	45.20	52.46	54.00	-8.80	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2462MHz: Fundamental frequency.





**802.11n (40MHz)**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	56.57	64.61	74.00	-17.43	31.75	6.18	45.97	175	35	Peak
2390.000	47.41	55.45	54.00	-6.59	31.75	6.18	45.97	175	35	Average
2422.000	103.70	111.59	/	/	31.85	6.22	45.96	175	35	Peak
2422.000	95.77	103.66	/	/	31.85	6.22	45.96	175	35	Average
2483.500	51.59	59.16	74.00	-22.41	32.05	6.31	45.93	175	35	Peak
2483.500	43.14	50.71	54.00	-10.86	32.05	6.31	45.93	175	35	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
2390.000	50.90	58.55	74.00	-23.10	32.14	6.18	45.97	100	280	Peak
2390.000	44.48	52.13	54.00	-9.52	32.14	6.18	45.97	100	280	Average
2422.000	98.43	105.96	/	/	32.21	6.22	45.96	100	280	Peak
2422.000	91.23	98.76	/	/	32.21	6.22	45.96	100	280	Average
2483.500	52.43	59.69	74.00	-21.57	32.36	6.31	45.93	100	280	Peak
2483.500	44.44	51.70	54.00	-9.56	32.36	6.31	45.93	100	280	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2422MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.18	59.22	74.00	-22.82	31.75	6.18	45.97	175	35	Peak
2390.000	42.80	50.84	54.00	-11.20	31.75	6.18	45.97	175	35	Average
2437.000	101.55	109.36	/	/	31.90	6.24	45.95	175	35	Peak
2437.000	94.74	102.55	/	/	31.90	6.24	45.95	175	35	Average
2483.500	52.34	59.91	74.00	-21.66	32.05	6.31	45.93	175	35	Peak
2483.500	45.41	52.98	54.00	-8.59	32.05	6.31	45.93	175	35	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
2390.000	52.60	60.25	74.00	-21.40	32.14	6.18	45.97	100	280	Peak
2390.000	44.67	52.32	54.00	-9.33	32.14	6.18	45.97	100	280	Average
2437.000	99.10	106.56	/	/	32.25	6.24	45.95	100	280	Peak
2437.000	91.71	99.17	/	/	32.25	6.24	45.95	100	280	Average
2483.500	51.38	58.64	74.00	-22.62	32.36	6.31	45.93	100	280	Peak
2483.500	44.48	51.74	54.00	-9.52	32.36	6.31	45.93	100	280	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 9	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	50.71	58.75	74.00	-23.29	31.75	6.18	45.97	175	35	Peak
2390.000	43.82	51.86	54.00	-10.18	31.75	6.18	45.97	175	35	Average
2452.000	102.06	109.80	/	/	31.95	6.26	45.95	175	35	Peak
2452.000	95.03	102.77	/	/	31.95	6.26	45.95	175	35	Average
2483.500	54.61	62.18	74.00	-19.39	32.05	6.31	45.93	175	35	Peak
2483.500	47.13	54.70	54.00	-6.87	32.05	6.31	45.93	175	35	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
2390.000	51.68	59.33	74.00	-22.32	32.14	6.18	45.97	100	280	Peak
2390.000	44.18	51.83	54.00	-9.82	32.14	6.18	45.97	100	280	Average
2452.000	97.40	104.81	/	/	32.28	6.26	45.95	100	280	Peak
2452.000	90.97	98.38	/	/	32.28	6.26	45.95	100	280	Average
2483.500	52.67	59.93	74.00	-21.33	32.36	6.31	45.93	100	280	Peak
2483.500	44.96	52.22	54.00	-9.04	32.36	6.31	45.93	100	280	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2452MHz: Fundamental frequency.



**BUREAU VERITAS** Test Report No.: W7L-P23030016RF02

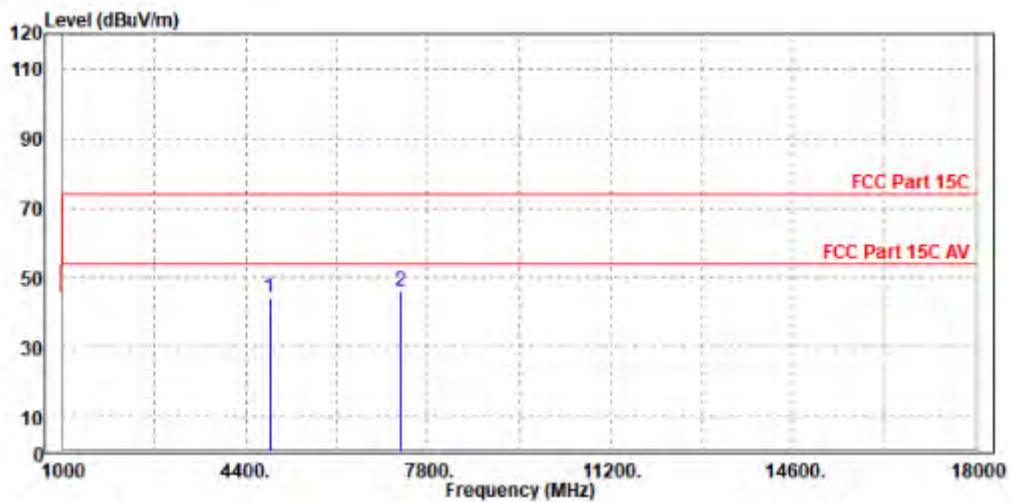
Worst case harmonic:

802.11n (40MHz)

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

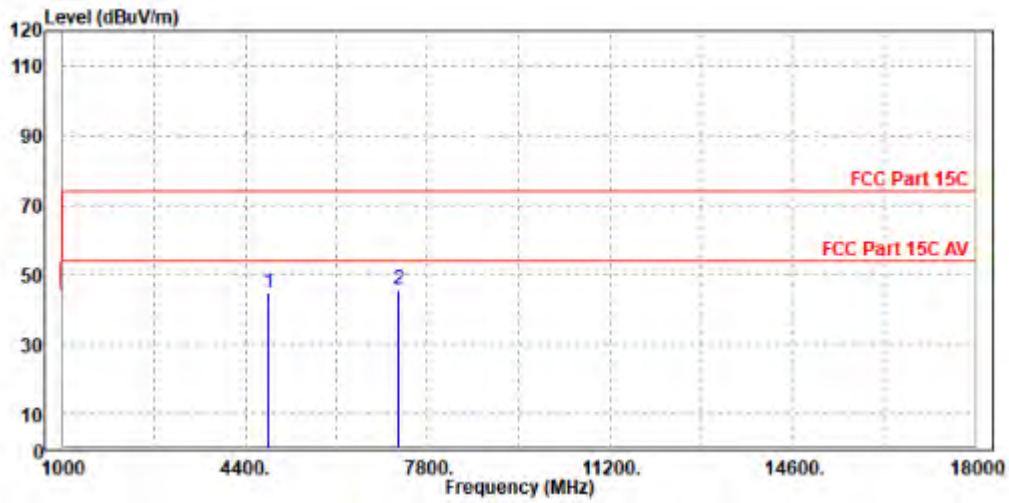
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4844.000	44.07	45.45	74.00	-29.93	-1.38	Peak	Horizontal
2 PP	7273.000	46.07	44.26	74.00	-27.93	1.81	Peak	Horizontal





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	4842.000	44.66	45.84	74.00	-29.34	-1.18	Peak	Vertical
2	PP 7266.000	45.65	43.76	74.00	-28.35	1.89	Peak	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2422MHz: 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-P23030016RF02

**2.4G WIFI-RU**

**802.11ax (20MHz) (RU242):**

<b>CHANNEL</b>	TX Channel 1	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.04	59.08	74.00	-22.96	31.75	6.18	45.97	100	235	Peak
2390.000	43.73	51.77	54.00	-10.27	31.75	6.18	45.97	100	235	Average
2412.000	97.87	105.80	/	/	31.82	6.21	45.96	100	235	Peak
2412.000	87.53	95.46	/	/	31.82	6.21	45.96	100	235	Average
2483.500	51.48	59.05	74.00	-22.52	32.05	6.31	45.93	100	235	Peak
2483.500	43.76	51.33	54.00	-10.24	32.05	6.31	45.93	100	235	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
2390.000	52.42	60.07	74.00	-21.58	32.14	6.18	45.97	125	305	Peak
2390.000	43.90	51.55	54.00	-10.10	32.14	6.18	45.97	125	305	Average
2412.000	102.01	109.57	/	/	32.19	6.21	45.96	125	305	Peak
2412.000	91.59	99.15	/	/	32.19	6.21	45.96	125	305	Average
2483.500	51.60	58.86	74.00	-22.40	32.36	6.31	45.93	125	305	Peak
2483.500	44.39	51.65	54.00	-9.61	32.36	6.31	45.93	125	305	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2412MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>										
<b>FREQ. (MHz)</b>	<b>EMISSION LEVEL (dBuV/m)</b>	<b>READ LEVEL (dBuV)</b>	<b>LIMIT (dBuV/m)</b>	<b>MARGIN (dB)</b>	<b>ANTENNA FACTOR (dB /m)</b>	<b>CABLE LOSS (dB)</b>	<b>PREAMP FACTOR (dB)</b>	<b>ANTENNA HEIGHT (cm)</b>	<b>TABLE ANGLE (Degree)</b>	<b>REMARK</b>
2390.000	52.00	60.04	74.00	-22.00	31.75	6.18	45.97	100	210	Peak
2390.000	43.48	51.52	54.00	-10.52	31.75	6.18	45.97	100	210	Average
2437.000	97.41	105.22	/	/	31.90	6.24	45.95	100	210	Peak
2437.000	86.53	94.34	/	/	31.90	6.24	45.95	100	210	Average
2483.500	52.04	59.61	74.00	-21.96	32.05	6.31	45.93	100	210	Peak
2483.500	43.70	51.27	54.00	-10.30	32.05	6.31	45.93	100	210	Average
<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>										
<b>FREQ. (MHz)</b>	<b>EMISSION LEVEL (dBuV/m)</b>	<b>READ LEVEL (dBuV)</b>	<b>LIMIT (dBuV/m)</b>	<b>MARGIN (dB)</b>	<b>ANTENNA FACTOR (dB /m)</b>	<b>CABLE LOSS (dB)</b>	<b>PREAMP FACTOR (dB)</b>	<b>ANTENNA HEIGHT (cm)</b>	<b>TABLE ANGLE (Degree)</b>	<b>REMARK</b>
2390.000	51.02	58.67	74.00	-22.98	32.14	6.18	45.97	100	305	Peak
2390.000	44.21	51.86	54.00	-9.79	32.14	6.18	45.97	100	305	Average
2437.000	99.64	107.10	/	/	32.25	6.24	45.95	100	305	Peak
2437.000	89.55	97.01	/	/	32.25	6.24	45.95	100	305	Average
2483.500	52.17	59.43	74.00	-21.83	32.36	6.31	45.93	100	305	Peak
2483.500	44.67	51.93	54.00	-9.33	32.36	6.31	45.93	100	305	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 11	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.12	59.16	74.00	-22.88	31.75	6.18	45.97	100	210	Peak
2390.000	44.00	52.04	54.00	-10.00	31.75	6.18	45.97	100	210	Average
2462.000	96.35	104.03	/	/	31.98	6.28	45.94	100	210	Peak
2462.000	86.41	94.09	/	/	31.98	6.28	45.94	100	210	Average
2483.500	51.86	59.43	74.00	-22.14	32.05	6.31	45.93	100	210	Peak
2483.500	43.98	51.55	54.00	-10.02	32.05	6.31	45.93	100	210	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
2390.000	51.39	59.04	74.00	-22.61	32.14	6.18	45.97	128	305	Peak
2390.000	44.08	51.73	54.00	-9.92	32.14	6.18	45.97	128	305	Average
2462.000	100.34	107.69	/	/	32.31	6.28	45.94	128	305	Peak
2462.000	89.87	97.22	/	/	32.31	6.28	45.94	128	305	Average
2483.500	52.39	59.65	74.00	-21.61	32.36	6.31	45.93	128	305	Peak
2483.500	44.30	51.56	54.00	-9.70	32.36	6.31	45.93	128	305	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2462MHz: Fundamental frequency.



**802.11ax (40MHz) (RU484):**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.07	59.11	74.00	-22.93	31.75	6.18	45.97	100	210	Peak
2390.000	43.72	51.76	54.00	-10.28	31.75	6.18	45.97	100	210	Average
2422.000	93.47	101.36	/	/	31.85	6.22	45.96	100	210	Peak
2422.000	83.38	91.27	/	/	31.85	6.22	45.96	100	210	Average
2483.500	50.97	58.54	74.00	-23.03	32.05	6.31	45.93	100	210	Peak
2483.500	43.84	51.41	54.00	-10.16	32.05	6.31	45.93	100	210	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
2390.000	50.86	58.51	74.00	-23.14	32.14	6.18	45.97	125	305	Peak
2390.000	45.00	52.65	54.00	-9.00	32.14	6.18	45.97	125	305	Average
2422.000	98.26	105.79	/	/	32.21	6.22	45.96	125	305	Peak
2422.000	88.72	96.25	/	/	32.21	6.22	45.96	125	305	Average
2483.500	52.34	59.60	74.00	-21.66	32.36	6.31	45.93	125	305	Peak
2483.500	44.71	51.97	54.00	-9.29	32.36	6.31	45.93	125	305	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2422MHz: Fundamental frequency.



**BUREAU  
VERITAS**

**Test Report No.: W7L-P23030016RF02**

**802.11ax (40MHz) (RU484):**

<b>CHANNEL</b>	TX Channel 6	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	52.16	60.20	74.00	-21.84	31.75	6.18	45.97	100	210	Peak
2390.000	43.69	51.73	54.00	-10.31	31.75	6.18	45.97	100	210	Average
2437.000	93.32	101.13	/	/	31.90	6.24	45.95	100	210	Peak
2437.000	83.57	91.38	/	/	31.90	6.24	45.95	100	210	Average
2483.500	51.26	58.83	74.00	-22.74	32.05	6.31	45.93	100	210	Peak
2483.500	44.48	52.05	54.00	-9.52	32.05	6.31	45.93	100	210	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
2390.000	51.18	58.83	74.00	-22.82	32.14	6.18	45.97	105	305	Peak
2390.000	43.80	51.45	54.00	-10.20	32.14	6.18	45.97	105	305	Average
2437.000	97.02	104.48	/	/	32.25	6.24	45.95	105	305	Peak
2437.000	87.73	95.19	/	/	32.25	6.24	45.95	105	305	Average
2483.500	51.54	58.80	74.00	-22.46	32.36	6.31	45.93	105	305	Peak
2483.500	44.60	51.86	54.00	-9.40	32.36	6.31	45.93	105	305	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2437MHz: Fundamental frequency.



**BUREAU  
VERITAS**

**Test Report No.: W7L-P23030016RF02**

**802.11ax (40MHz) (RU484):**

<b>CHANNEL</b>	TX Channel 9	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	50.82	58.86	74.00	-23.18	31.75	6.18	45.97	100	210	Peak
2390.000	43.80	51.84	54.00	-10.20	31.75	6.18	45.97	100	210	Average
2452.000	94.49	102.23	/	/	31.95	6.26	45.95	100	210	Peak
2452.000	84.10	91.84	/	/	31.95	6.26	45.95	100	210	Average
2483.500	51.44	59.01	74.00	-22.56	32.05	6.31	45.93	100	210	Peak
2483.500	44.10	51.67	54.00	-9.90	32.05	6.31	45.93	100	210	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
2390.000	51.37	59.02	74.00	-22.63	32.14	6.18	45.97	100	305	Peak
2390.000	44.37	52.02	54.00	-9.63	32.14	6.18	45.97	100	305	Average
2452.000	96.76	104.17	/	/	32.28	6.26	45.95	100	305	Peak
2452.000	87.13	94.54	/	/	32.28	6.26	45.95	100	305	Average
2483.500	52.52	59.78	74.00	-21.48	32.36	6.31	45.93	100	305	Peak
2483.500	44.82	52.08	54.00	-9.18	32.36	6.31	45.93	100	305	Average

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2452MHz: Fundamental frequency.



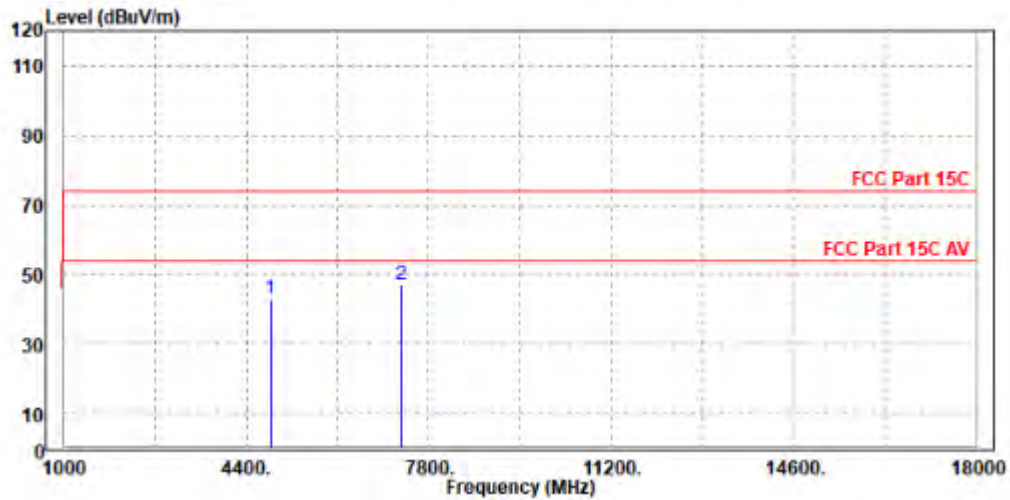
**Worst case harmonic:**

**802.11ax (40MHz) (RU484):**

<b>CHANNEL</b>	TX Channel 3	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

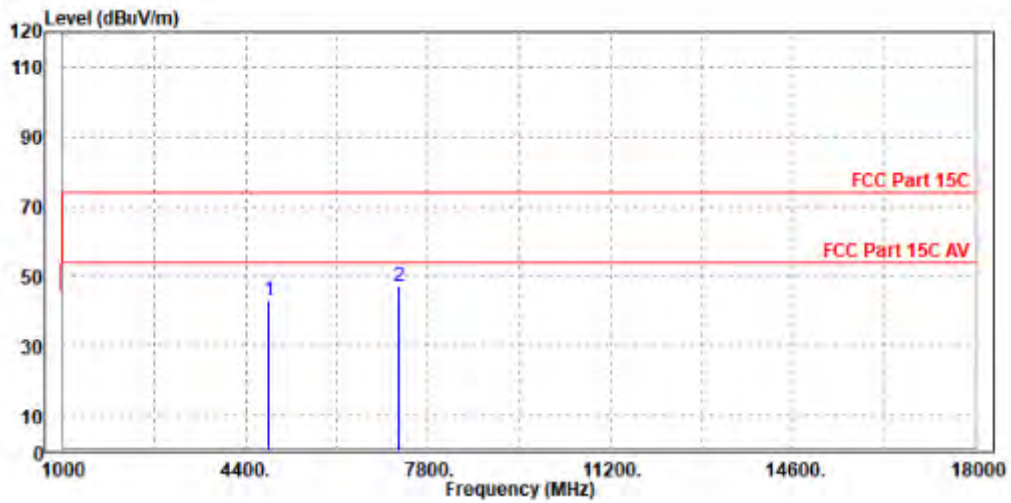
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4844.000	43.04	44.42	74.00	-30.96	-1.38	Peak	Horizontal
2 PP	7273.000	46.98	45.17	74.00	-27.02	1.81	Peak	Horizontal





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	PoI/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	4842.000	42.68	43.86	74.00	-31.32	-1.18	Peak	Vertical
2 PP	7266.000	47.12	45.23	74.00	-26.88	1.89	Peak	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2422MHz: 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-P23030016RF02

**BELOW 1GHz WORST-CASE DATA:**

30 MHz – 1GHz data:

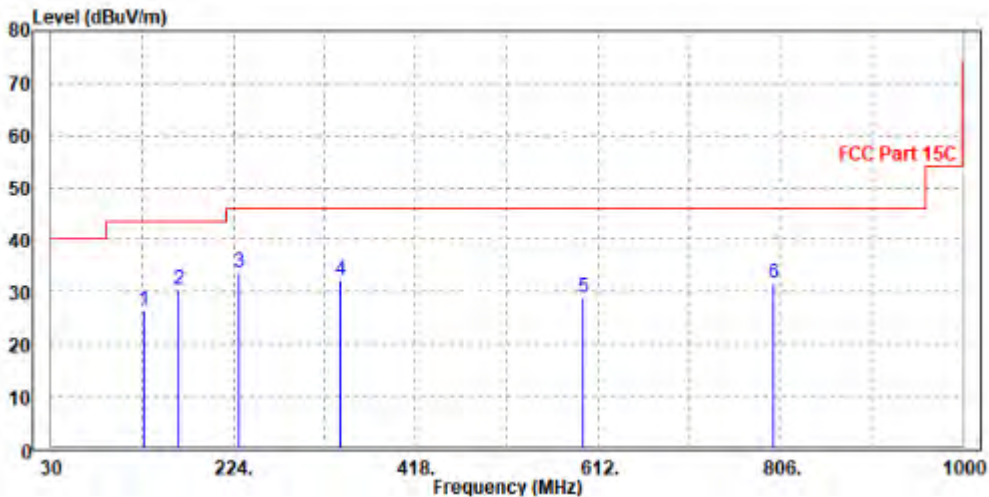
BT-LE\_S8

<b>CHANNEL</b>	TX Channel 39	<b>ODETECTOR FUNCTION</b>	Quasi-Peak (QP)
<b>FREQUENCY RANGE</b>	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
127.970	26.42	53.74	43.50	-17.08	8.76	0.60	36.68	100	360	QP
165.800	30.44	55.18	43.50	-13.06	11.05	0.68	36.47	100	360	QP
229.820	33.67	56.55	46.00	-12.33	12.61	0.79	36.28	100	360	QP
338.460	32.12	52.62	46.00	-13.88	14.85	0.97	36.32	100	360	QP
596.480	28.81	44.65	46.00	-17.19	19.64	1.36	36.84	100	360	QP
799.210	31.55	44.78	46.00	-14.45	22.39	1.58	37.20	100	360	QP

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



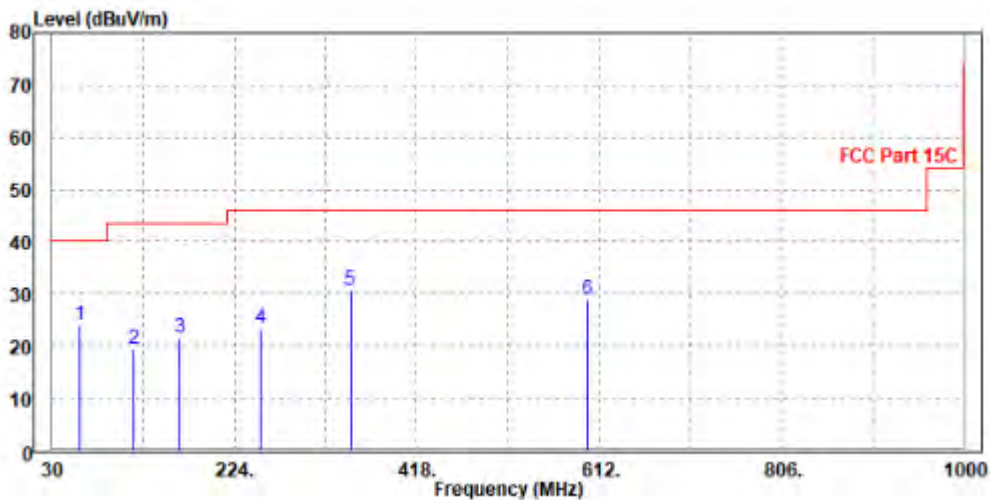


<b>CHANNEL</b>	TX Channel 39	<b>DETECTOR FUNCTION</b>	Quasi-Peak (QP)
<b>FREQUENCY RANGE</b>	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
59.100	23.89	51.70	40.00	-16.11	8.70	0.44	36.95	100	0	QP
116.330	19.58	47.14	43.50	-23.92	8.61	0.57	36.74	100	0	QP
165.800	21.72	46.52	43.50	-21.78	10.99	0.68	36.47	100	0	QP
251.160	23.53	46.33	46.00	-22.47	12.63	0.84	36.27	100	0	QP
347.190	30.86	51.12	46.00	-15.14	15.09	0.99	36.34	100	0	QP
599.390	28.75	44.65	46.00	-17.25	19.59	1.36	36.85	100	0	QP

**REMARKS:**

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



**ABOVE 1GHz TEST DATA**

**Note:** 1. For radiated emissions testing , the full testing range of different modes have been scanned , only the worst case harmonic data is reported in the sheet.

2. All other emissions were greater than 20dB below the limit was not recorded

**BT-LE \_1M**

<b>CHANNEL</b>	TX Channel 0	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.29	59.33	74.00	-22.71	31.75	6.18	45.97	100	190	Peak
2390.000	43.80	51.84	54.00	-10.20	31.75	6.18	45.97	100	190	Average
2402.000	96.98	104.97	/	/	31.79	6.19	45.97	100	190	Peak
2402.000	96.70	104.69	/	/	31.79	6.19	45.97	100	190	Average
2483.500	51.46	59.03	74.00	-22.54	32.05	6.31	45.93	100	190	Peak
2483.500	43.53	51.10	54.00	-10.47	32.05	6.31	45.93	100	190	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
2390.000	50.87	58.52	74.00	-23.13	32.14	6.18	45.97	135	310	Peak
2390.000	44.46	52.11	54.00	-9.54	32.14	6.18	45.97	135	310	Average
2402.000	100.79	108.41	/	/	32.16	6.19	45.97	135	310	Peak
2402.000	100.51	108.13	/	/	32.16	6.19	45.97	135	310	Average
2483.500	51.48	58.74	74.00	-22.52	32.36	6.31	45.93	135	310	Peak
2483.500	44.13	51.39	54.00	-9.87	32.36	6.31	45.93	135	310	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2402MHz: Fundamental frequency.





<b>CHANNEL</b>	TX Channel 19	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.13	59.17	74.00	-22.87	31.75	6.18	45.97	100	190	Peak
2390.000	44.09	52.13	54.00	-9.91	31.75	6.18	45.97	100	190	Average
2440.000	98.90	106.69	/	/	31.91	6.25	45.95	100	190	Peak
2440.000	98.36	106.15	/	/	31.91	6.25	45.95	100	190	Average
2483.500	52.99	60.56	74.00	-21.01	32.05	6.31	45.93	100	190	Peak
2483.500	43.67	51.24	54.00	-10.33	32.05	6.31	45.93	100	190	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
2390.000	51.48	59.13	74.00	-22.52	32.14	6.18	45.97	135	310	Peak
2390.000	44.19	51.84	54.00	-9.81	32.14	6.18	45.97	135	310	Average
2440.000	101.43	108.87	/	/	32.26	6.25	45.95	135	310	Peak
2440.000	101.14	108.58	/	/	32.26	6.25	45.95	135	310	Average
2483.500	53.04	60.30	74.00	-20.96	32.36	6.31	45.93	135	310	Peak
2483.500	43.96	51.22	54.00	-10.04	32.36	6.31	45.93	135	310	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2440MHz: Fundamental frequency.



<b>CHANNEL</b>	TX Channel 39	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.53	59.57	74.00	-22.47	31.75	6.18	45.97	100	0	Peak
2390.000	44.05	52.09	54.00	-9.95	31.75	6.18	45.97	100	0	Average
2480.000	97.34	104.93	/	/	32.04	6.30	45.93	100	0	Peak
2480.000	96.97	104.56	/	/	32.04	6.30	45.93	100	0	Average
2483.500	51.63	59.20	74.00	-22.37	32.05	6.31	45.93	100	0	Peak
2483.500	43.90	51.47	54.00	-10.10	32.05	6.31	45.93	100	0	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.80	59.45	74.00	-22.20	32.14	6.18	45.97	130	290	Peak
2390.000	44.08	51.73	54.00	-9.92	32.14	6.18	45.97	130	290	Average
2480.000	100.02	107.30	/	/	32.35	6.30	45.93	130	290	Peak
2480.000	99.65	106.93	/	/	32.35	6.30	45.93	130	290	Average
2483.500	52.06	59.32	74.00	-21.94	32.36	6.31	45.93	130	290	Peak
2483.500	44.70	51.96	54.00	-9.30	32.36	6.31	45.93	130	290	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2480MHz: Fundamental frequency.



**BUREAU  
VERITAS**

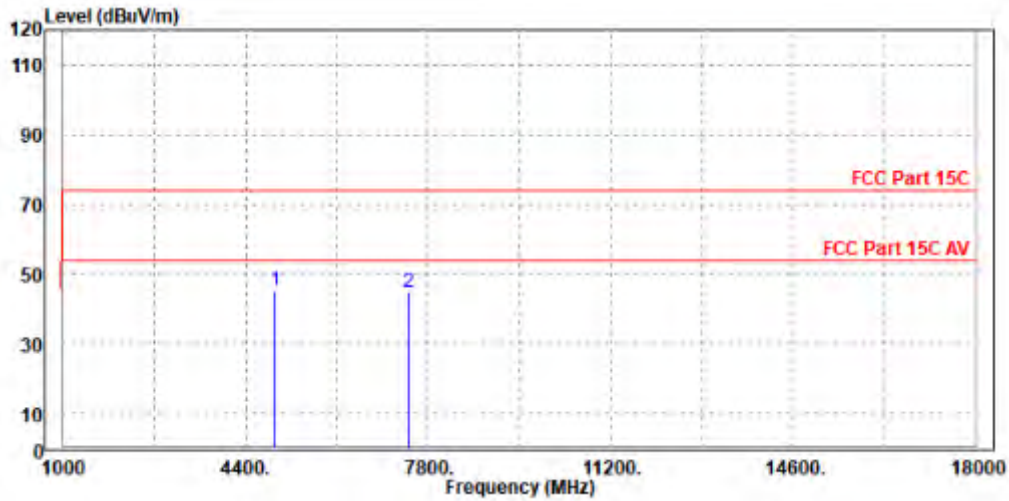
Test Report No.: W7L-P23030016RF02

**Worst case harmonic:**

<b>CHANNEL</b>	TX Channel 39	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

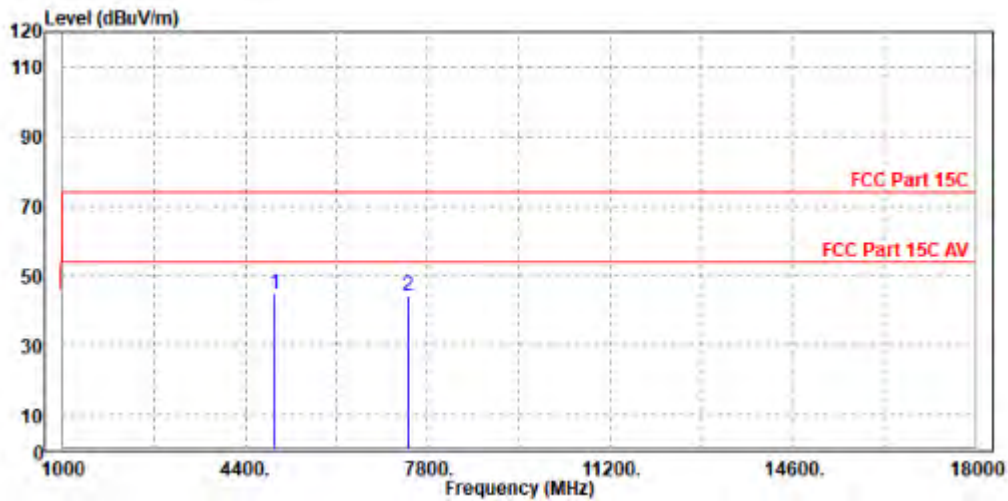
	Freq	Level	Read Level	Limit Line	Over Limit	Factor	Remark	Pol/Phase
	MHz	dBuV/m	dBuV	dBuV/m	dB	dB/m		
1	PP 4960.000	45.14	46.33	74.00	-28.86	-1.19	Peak	Horizontal
2	7443.000	44.66	42.68	74.00	-29.34	1.98	Peak	Horizontal





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	PP 4961.000	44.77	45.76	74.00	-29.23	-0.99	Peak	Vertical
2	7440.000	44.31	42.30	74.00	-29.69	2.01	Peak	Vertical



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
2. 2480MHz: 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-P23030016RF02

**BT-LE\_2M**

<b>CHANNEL</b>	TX Channel 0	<b>DETECTOR FUNCTION</b>	Peak (PK)
<b>FREQUENCY RANGE</b>	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390.000	51.53	59.57	74.00	-22.47	31.75	6.18	45.97	100	190	Peak
2390.000	44.24	52.28	54.00	-9.76	31.75	6.18	45.97	100	190	Average
2402.000	97.12	105.11	/	/	31.79	6.19	45.97	100	190	Peak
2402.000	95.20	103.19	/	/	31.79	6.19	45.97	100	190	Average
2483.500	51.74	59.31	74.00	-22.26	32.05	6.31	45.93	100	190	Peak
2483.500	44.35	51.92	54.00	-9.65	32.05	6.31	45.93	100	190	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
2390.000	52.80	60.45	74.00	-21.20	32.14	6.18	45.97	130	290	Peak
2390.000	44.59	52.24	54.00	-9.41	32.14	6.18	45.97	130	290	Average
2402.000	100.95	108.57	/	/	32.16	6.19	45.97	130	290	Peak
2402.000	98.96	106.58	/	/	32.16	6.19	45.97	130	290	Average
2483.500	52.97	60.23	74.00	-21.03	32.36	6.31	45.93	130	290	Peak
2483.500	45.09	52.35	54.00	-8.91	32.36	6.31	45.93	130	290	Average

**REMARKS:**

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor  
Margin value = Emission level – Limit value.
- 2402MHz: Fundamental frequency.