ABOVE 1GHz TEST DATA

Note: For higher frequency, the emission is too low to be detected.

BT-LE _1M

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.48	59.24	74	-23.52	31.75	5.86	46.37	112	185	Peak
2390	43.14	51.9	54	-10.86	31.75	5.86	46.37	112	185	Average
2402	102.46	111.16			31.79	5.88	46.37	112	185	Peak
2402	101.69	110.39			31.79	5.88	46.37	112	185	Average
2483.5	51.28	59.61	74	-22.72	32.05	5.99	46.37	112	185	Peak
2483.5	42.94	51.27	54	-11.06	32.05	5.99	46.37	112	185	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	51.2	59.57	74	-22.8	32.14	5.86	46.37	100	87	Peak
2390	43.15	51.52	54	-10.85	32.14	5.86	46.37	100	87	Average
2402	99.08	107.41			32.16	5.88	46.37	100	87	Peak
2402	98.18	106.51			32.16	5.88	46.37	100	87	Average
2483.5	50.78	58.8	74	-23.22	32.36	5.99	46.37	100	87	Peak
2483.5	43.83	51.85	54	-10.17	32.36	5.99	46.37	100	87	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.89	59.65	74	-23.11	31.75	5.86	46.37	128	185	Peak
2390	43.43	52.19	54	-10.57	31.75	5.86	46.37	128	185	Average
2440	101.41	109.94			31.91	5.93	46.37	128	185	Peak
2440	100.63	109.16			31.91	5.93	46.37	128	185	Average
2483.5	51	59.33	74	-23	32.05	5.99	46.37	128	185	Peak
2483.5	43.13	51.46	54	-10.87	32.05	5.99	46.37	128	185	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	50.84	59.21	74	-23.16	32.14	5.86	46.37	100	200	Peak
2390	43.54	51.91	54	-10.46	32.14	5.86	46.37	100	200	Average
2440	99.6	107.78			32.26	5.93	46.37	100	200	Peak
2440	98.64	106.82			32.26	5.93	46.37	100	200	Average
2483.5	50.8	58.82	74	-23.2	32.36	5.99	46.37	100	200	Peak
2483.5	43.73	51.75	54	-10.27	32.36	5.99	46.37	100	200	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.42	59.18	74	-23.58	31.75	5.86	46.37	110	168	Peak
2390	42.89	51.65	54	-11.11	31.75	5.86	46.37	110	168	Average
2480	98.78	107.13			32.04	5.98	46.37	110	168	Peak
2480	97.84	106.19			32.04	5.98	46.37	110	168	Average
2483.5	51.11	59.44	74	-22.89	32.05	5.99	46.37	110	168	Peak
2483.5	44.17	52.5	54	-9.83	32.05	5.99	46.37	110	168	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	50.29	58.66	74	-23.71	32.14	5.86	46.37	100	200	Peak
2390	43.47	51.84	54	-10.53	32.14	5.86	46.37	100	200	Average
2480	100.7	108.74			32.35	5.98	46.37	100	200	Peak
2480	99.88	107.92			32.35	5.98	46.37	100	200	Average
2483.5	52.88	60.9	74	-21.12	32.36	5.99	46.37	100	200	Peak
2483.5	43.65	51.67	54	-10.35	32.36	5.99	46.37	100	200	Average

REMARKS:

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

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

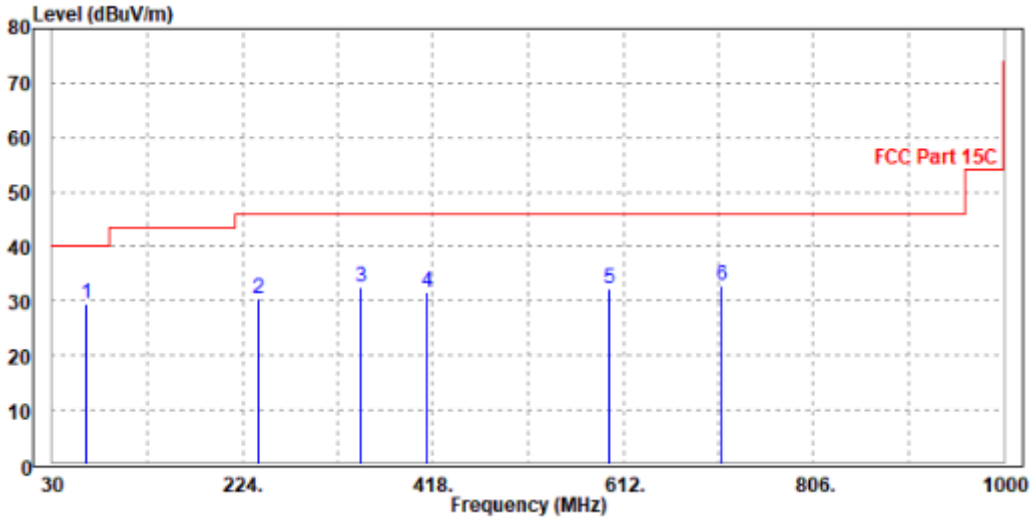
BT-LE _2M

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
63.95	29.39	58.05	40	-10.61	7.64	1.03	37.33	100	0	QP
240.49	30.43	52.31	46	-15.57	12.78	1.97	36.63	100	0	QP
344.28	32.54	51.69	46	-13.46	15.28	2.36	36.79	100	0	QP
412.18	31.77	48.9	46	-14.23	17.12	2.6	36.85	100	0	QP
598.42	32.22	45.7	46	-13.78	20.67	3.21	37.36	100	0	QP
711.91	32.8	43.99	46	-13.2	22.78	3.58	37.55	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

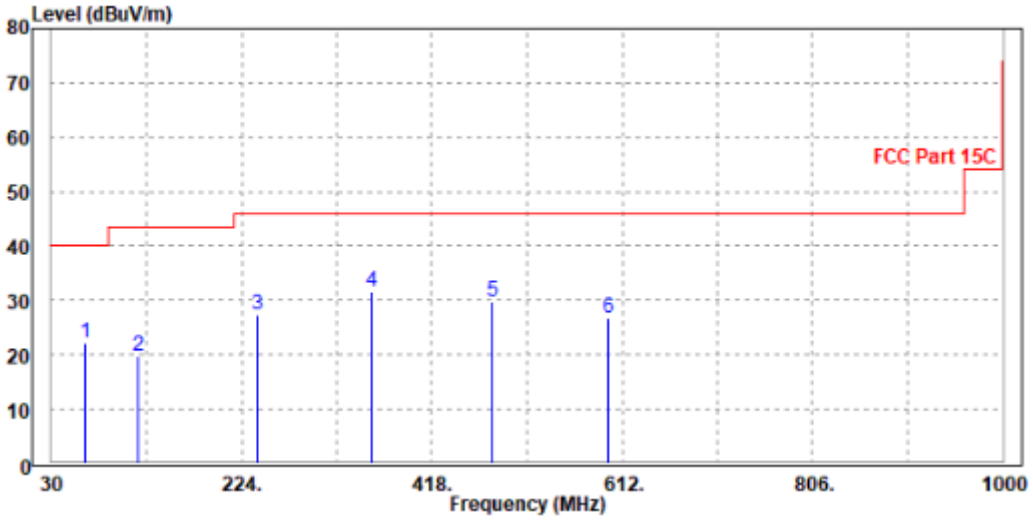


CHANNEL	TX Channel 39	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
63.95	22.06	50.46	40	-17.94	7.9	1.03	37.33	200	0	QP
118.27	19.91	47.48	43.5	-23.59	8.13	1.39	37.09	200	0	QP
239.52	27.32	48.66	46	-18.68	13.32	1.97	36.63	200	0	QP
355.92	31.61	49.77	46	-14.39	16.23	2.4	36.79	200	0	QP
479.11	29.91	45.32	46	-16.09	18.7	2.85	36.96	200	0	QP
598.42	26.85	40.13	46	-19.15	20.87	3.21	37.36	200	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: For higher frequency, the emission is too low to be detected.

BT-LE _2M

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ 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	50.95	59.71	74	-23.05	31.75	5.86	46.37	122	175	Peak
2390	43.38	52.14	54	-10.62	31.75	5.86	46.37	122	175	Average
2402	101.02	109.72			31.79	5.88	46.37	122	175	Peak
2402	98.04	106.74			31.79	5.88	46.37	122	175	Average
2483.5	50.86	59.19	74	-23.14	32.05	5.99	46.37	122	175	Peak
2483.5	43.36	51.69	54	-10.64	32.05	5.99	46.37	122	175	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ LEVEL (dBuV)**	**LIMIT (dBuV/m)**	**MARGIN (dB)**	**ANTENNA FACTOR (dB /m)**	**CABLE LOSS (dB)**	**PREAMP FACTOR (dB)**	**ANTENNA HEIGHT (cm)**	**TABLE ANGLE (Degree)**	**REMARK**
2390	50.47	58.84	74	-23.53	32.14	5.86	46.37	118	200	Peak
2390	43.74	52.11	54	-10.26	32.14	5.86	46.37	118	200	Average
2402	100.56	108.89			32.16	5.88	46.37	118	200	Peak
2402	97.74	106.07			32.16	5.88	46.37	118	200	Average
2483.5	51.4	59.42	74	-22.6	32.36	5.99	46.37	118	200	Peak
2483.5	43.36	51.38	54	-10.64	32.36	5.99	46.37	118	200	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	52.22	60.98	74	-21.78	31.75	5.86	46.37	110	175	Peak
2390	43.31	52.07	54	-10.69	31.75	5.86	46.37	110	175	Average
2440	99.57	108.1			31.91	5.93	46.37	110	175	Peak
2440	97.31	105.84			31.91	5.93	46.37	110	175	Average
2483.5	50.78	59.11	74	-23.22	32.05	5.99	46.37	110	175	Peak
2483.5	43.55	51.88	54	-10.45	32.05	5.99	46.37	110	175	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	51.38	59.75	74	-22.62	32.14	5.86	46.37	100	200	Peak
2390	43.55	51.92	54	-10.45	32.14	5.86	46.37	100	200	Average
2440	99.22	107.4			32.26	5.93	46.37	100	200	Peak
2440	96.4	104.58			32.26	5.93	46.37	100	200	Average
2483.5	51.11	59.13	74	-22.89	32.36	5.99	46.37	100	200	Peak
2483.5	43.74	51.76	54	-10.26	32.36	5.99	46.37	100	200	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.93	59.69	74	-23.07	31.75	5.86	46.37	110	175	Peak
2390	43.14	51.9	54	-10.86	31.75	5.86	46.37	110	175	Average
2480	101.75	110.1			32.04	5.98	46.37	110	175	Peak
2480	99.23	107.58			32.04	5.98	46.37	110	175	Average
2483.5	50.76	59.09	74	-23.24	32.05	5.99	46.37	110	175	Peak
2483.5	43.16	51.49	54	-10.84	32.05	5.99	46.37	110	175	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	50.98	59.35	74	-23.02	32.14	5.86	46.37	100	195	Peak
2390	43.77	52.14	54	-10.23	32.14	5.86	46.37	100	195	Average
2480	100.9	108.94			32.35	5.98	46.37	100	195	Peak
2480	98.3	106.34			32.35	5.98	46.37	100	195	Average
2483.5	51.1	59.12	74	-22.9	32.36	5.99	46.37	100	195	Peak
2483.5	43.87	51.89	54	-10.13	32.36	5.99	46.37	100	195	Average

REMARKS:

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

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

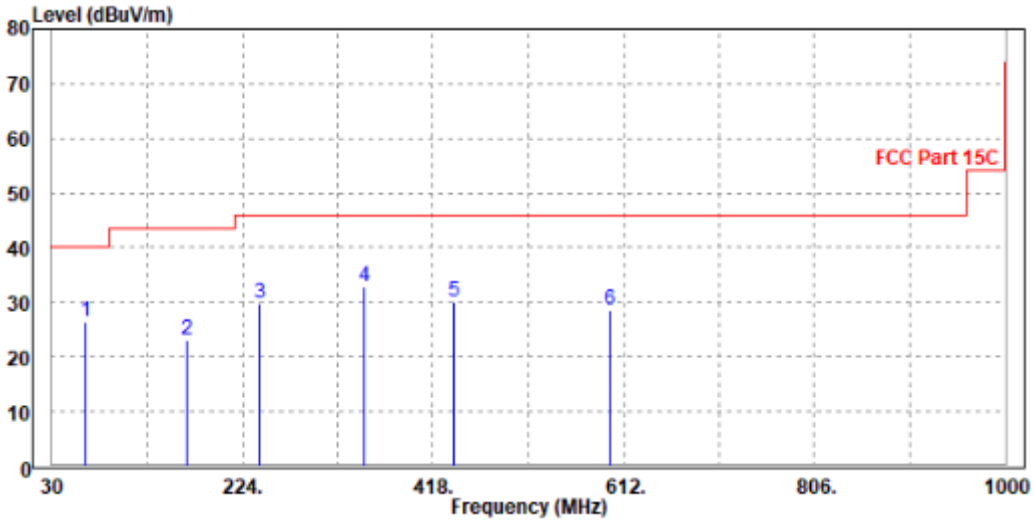
BT-LE _S2

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
63.95	26.48	55.14	40	-13.52	7.64	1.03	37.33	200	0	QP
166.77	23.23	47.63	43.5	-20.27	10.66	1.64	36.7	200	0	QP
242.43	29.95	51.73	46	-16.05	12.87	1.98	36.63	200	0	QP
348.16	32.97	51.99	46	-13.03	15.4	2.37	36.79	200	0	QP
438.37	29.98	46.59	46	-16.02	17.59	2.7	36.9	200	0	QP
598.42	28.68	42.16	46	-17.32	20.67	3.21	37.36	200	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

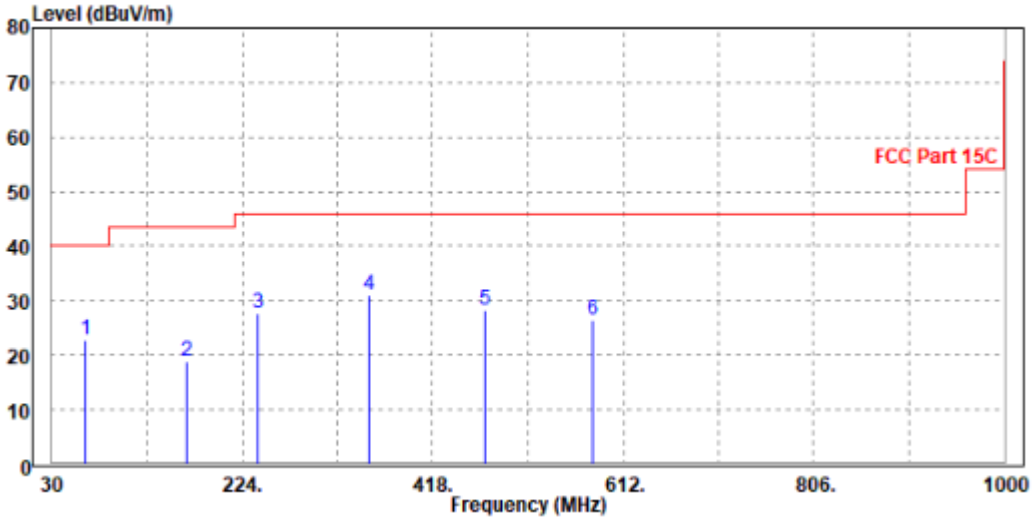


CHANNEL	TX Channel 39	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
64.92	22.88	51.27	40	-17.12	7.9	1.04	37.33	100	0	QP
166.77	18.97	42.94	43.5	-24.53	11.09	1.64	36.7	100	0	QP
240.49	27.57	48.87	46	-18.43	13.36	1.97	36.63	100	0	QP
353.01	30.97	49.2	46	-15.03	16.17	2.39	36.79	100	0	QP
471.35	28.19	43.76	46	-17.81	18.56	2.82	36.95	100	0	QP
580.96	26.6	40.18	46	-19.4	20.56	3.16	37.3	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: For higher frequency, the emission is too low to be detected.

BT-LE _S2

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ 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	50.18	58.94	74	-23.82	31.75	5.86	46.37	108	190	Peak
2390	42.33	51.09	54	-11.67	31.75	5.86	46.37	108	190	Average
2402	96.7	105.4			31.79	5.88	46.37	108	190	Peak
2402	94.67	103.37			31.79	5.88	46.37	108	190	Average
2483.5	50.32	58.65	74	-23.68	32.05	5.99	46.37	108	190	Peak
2483.5	42.7	51.03	54	-11.3	32.05	5.99	46.37	108	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	50.24	58.61	74	-23.76	32.14	5.86	46.37	100	190	Peak
2390	42.83	51.2	54	-11.17	32.14	5.86	46.37	100	190	Average
2402	97.4	105.73			32.16	5.88	46.37	100	190	Peak
2402	95.43	103.76			32.16	5.88	46.37	100	190	Average
2483.5	51.15	59.17	74	-22.85	32.36	5.99	46.37	100	190	Peak
2483.5	43.2	51.22	54	-10.8	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.06	58.82	74	-23.94	31.75	5.86	46.37	120	190	Peak
2390	42.64	51.4	54	-11.36	31.75	5.86	46.37	120	190	Average
2440	96.97	105.5			31.91	5.93	46.37	120	190	Peak
2440	94.61	103.14			31.91	5.93	46.37	120	190	Average
2483.5	50.55	58.88	74	-23.45	32.05	5.99	46.37	120	190	Peak
2483.5	43.67	52	54	-10.33	32.05	5.99	46.37	120	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	50.42	58.79	74	-23.58	32.14	5.86	46.37	100	190	Peak
2390	42.92	51.29	54	-11.08	32.14	5.86	46.37	100	190	Average
2440	98.53	106.71			32.26	5.93	46.37	100	190	Peak
2440	96.38	104.56			32.26	5.93	46.37	100	190	Average
2483.5	51.07	59.09	74	-22.93	32.36	5.99	46.37	100	190	Peak
2483.5	43.15	51.17	54	-10.85	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.33	59.09	74	-23.67	31.75	5.86	46.37	120	170	Peak
2390	43.45	52.21	54	-10.55	31.75	5.86	46.37	120	170	Average
2480	100.88	109.23			32.04	5.98	46.37	120	170	Peak
2480	96.79	105.14			32.04	5.98	46.37	120	170	Average
2483.5	51.03	59.36	74	-22.97	32.05	5.99	46.37	120	170	Peak
2483.5	43.51	51.84	54	-10.49	32.05	5.99	46.37	120	170	Average
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ LEVEL (dBuV)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA FACTOR (dB /m)	CABLE LOSS (dB)	PREAMP FACTOR (dB)	ANTENNA HEIGHT (cm)	TABLE ANGLE (Degree)	REMARK
2390	52.92	61.29	74	-21.08	32.14	5.86	46.37	100	195	Peak
2390	42.98	51.35	54	-11.02	32.14	5.86	46.37	100	195	Average
2480	98.87	106.91			32.35	5.98	46.37	100	195	Peak
2480	96.67	104.71			32.35	5.98	46.37	100	195	Average
2483.5	50.98	59	74	-23.02	32.36	5.99	46.37	100	195	Peak
2483.5	43.1	51.12	54	-10.9	32.36	5.99	46.37	100	195	Average

REMARKS:

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

BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

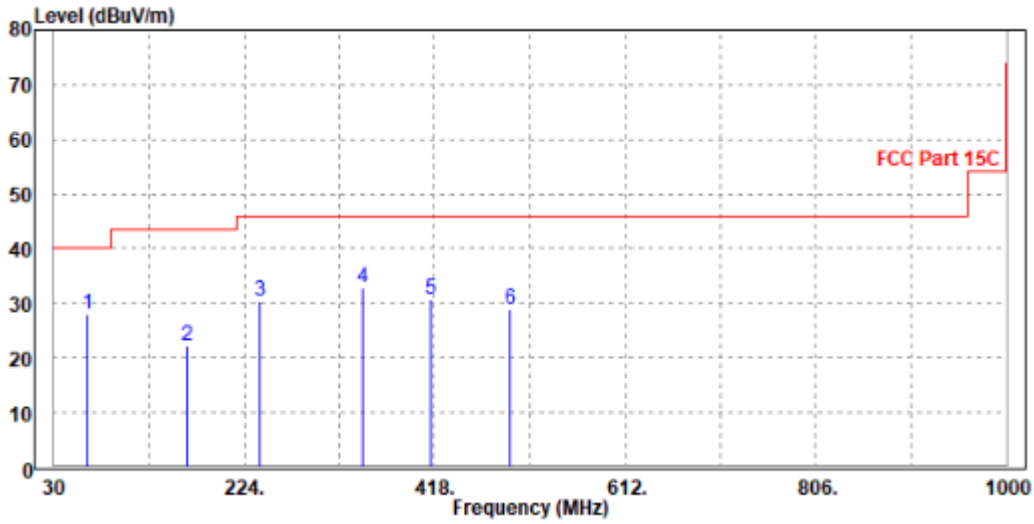
BT-LE _S8

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
63.95	27.88	56.54	40	-12.12	7.64	1.03	37.33	100	0	QP
165.8	22.26	46.63	43.5	-21.24	10.7	1.63	36.7	100	0	QP
239.52	30.45	52.37	46	-15.55	12.74	1.97	36.63	100	0	QP
345.25	32.97	52.09	46	-13.03	15.31	2.36	36.79	100	0	QP
414.12	30.65	47.74	46	-15.35	17.15	2.61	36.85	100	0	QP
495.6	28.78	44.24	46	-17.22	18.62	2.91	36.99	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

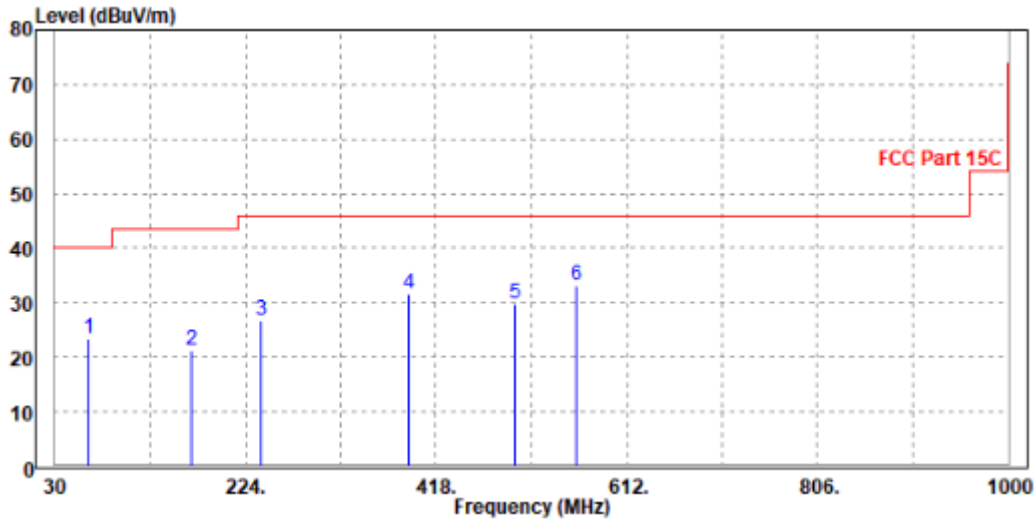


CHANNEL	TX Channel 39	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
63.95	23.39	51.79	40	-16.61	7.9	1.03	37.33	200	0	QP
169.68	21.3	45.42	43.5	-22.2	10.92	1.65	36.69	200	0	QP
239.52	26.81	48.15	46	-19.19	13.32	1.97	36.63	200	0	QP
390.84	31.76	49.06	46	-14.24	17	2.52	36.82	200	0	QP
498.51	29.76	44.77	46	-16.24	19.07	2.92	37	200	0	QP
560.59	33.06	46.99	46	-12.94	20.19	3.1	37.22	200	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: For higher frequency, the emission is too low to be detected.

BT-LE _S8

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ 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	51.06	59.82	74	-22.94	31.75	5.86	46.37	110	190	Peak
2390	43.29	52.05	54	-10.71	31.75	5.86	46.37	110	190	Average
2402	97.45	106.15			31.79	5.88	46.37	110	190	Peak
2402	95.07	103.77			31.79	5.88	46.37	110	190	Average
2483.5	51.23	59.56	74	-22.77	32.05	5.99	46.37	110	190	Peak
2483.5	43.11	51.44	54	-10.89	32.05	5.99	46.37	110	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	51.68	60.05	74	-22.32	32.14	5.86	46.37	100	190	Peak
2390	42.91	51.28	54	-11.09	32.14	5.86	46.37	100	190	Average
2402	98.97	107.3			32.16	5.88	46.37	100	190	Peak
2402	95.45	103.78			32.16	5.88	46.37	100	190	Average
2483.5	51.89	59.91	74	-22.11	32.36	5.99	46.37	100	190	Peak
2483.5	43.21	51.23	54	-10.79	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.43	59.19	74	-23.57	31.75	5.86	46.37	120	190	Peak
2390	43.74	52.5	54	-10.26	31.75	5.86	46.37	120	190	Average
2440	97.82	106.35			31.91	5.93	46.37	120	190	Peak
2440	93.69	102.22			31.91	5.93	46.37	120	190	Average
2483.5	50.28	58.61	74	-23.72	32.05	5.99	46.37	120	190	Peak
2483.5	43.13	51.46	54	-10.87	32.05	5.99	46.37	120	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	51.14	59.51	74	-22.86	32.14	5.86	46.37	100	190	Peak
2390	43.39	51.76	54	-10.61	32.14	5.86	46.37	100	190	Average
2440	97.6	105.78			32.26	5.93	46.37	100	190	Peak
2440	94.83	103.01			32.26	5.93	46.37	100	190	Average
2483.5	50.8	58.82	74	-23.2	32.36	5.99	46.37	100	190	Peak
2483.5	43.13	51.15	54	-10.87	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.68	59.44	74	-23.32	31.75	5.86	46.37	120	190	Peak
2390	43.35	52.11	54	-10.65	31.75	5.86	46.37	120	190	Average
2480	97.57	105.92			32.04	5.98	46.37	120	190	Peak
2480	94.97	103.32			32.04	5.98	46.37	120	190	Average
2483.5	50.29	58.62	74	-23.71	32.05	5.99	46.37	120	190	Peak
2483.5	42.93	51.26	54	-11.07	32.05	5.99	46.37	120	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	50.87	59.24	74	-23.13	32.14	5.86	46.37	100	190	Peak
2390	43.42	51.79	54	-10.58	32.14	5.86	46.37	100	190	Average
2480	98.67	106.71			32.35	5.98	46.37	100	190	Peak
2480	96.49	104.53			32.35	5.98	46.37	100	190	Average
2483.5	50.32	58.34	74	-23.68	32.36	5.99	46.37	100	190	Peak
2483.5	43.94	51.96	54	-10.06	32.36	5.99	46.37	100	190	Average

REMARKS:

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

BELOW 1GHz TEST DATA

Note: For higher frequency, the emission is too low to be detected.

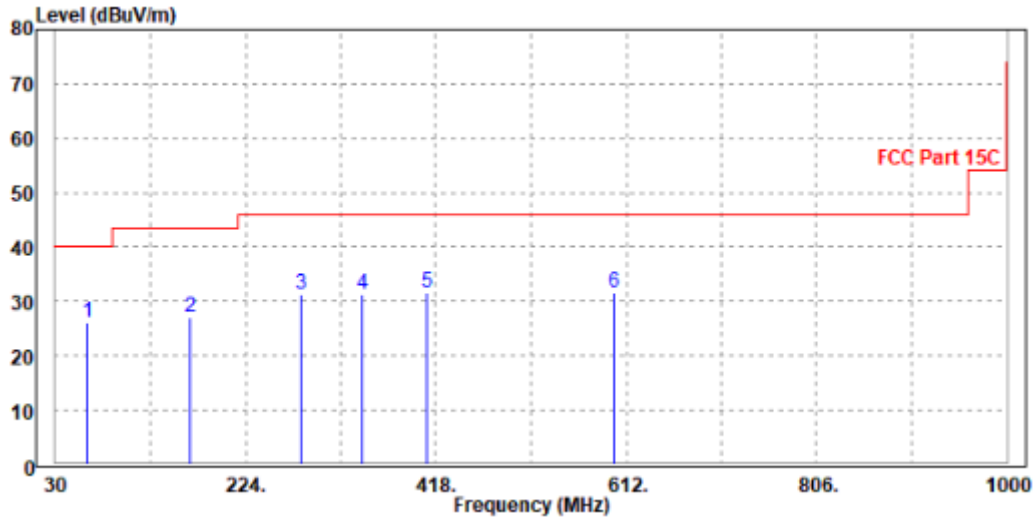
2SECEND-BT-LE _1M

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
62.98	26.28	54.96	40	-13.72	7.63	1.02	37.33	200	0	Peak
167.74	26.92	51.35	43.5	-16.58	10.63	1.64	36.7	200	0	Peak
280.26	31.3	52.2	46	-14.7	13.68	2.13	36.71	200	0	Peak
343.31	31.24	50.4	46	-14.76	15.26	2.36	36.78	200	0	Peak
408.3	31.61	48.82	46	-14.39	17.05	2.58	36.84	200	0	Peak
599.39	31.74	45.2	46	-14.26	20.69	3.22	37.37	200	0	Peak

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

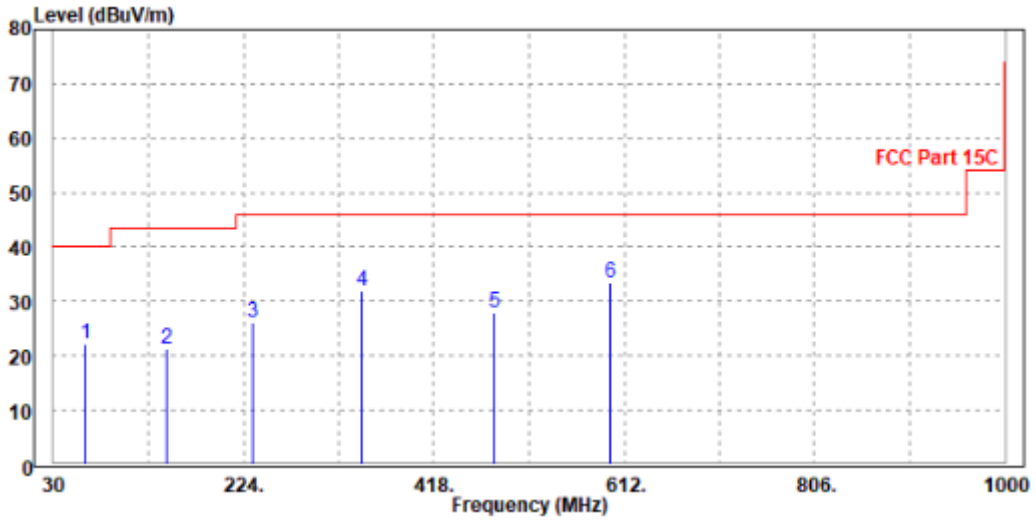


CHANNEL	TX Channel 0	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
62.98	22.29	50.7	40	-17.71	7.9	1.02	37.33	100	0	Peak
146.4	21.22	47.14	43.5	-22.28	9.39	1.54	36.85	100	0	Peak
233.7	26.05	47.68	46	-19.95	13.05	1.94	36.62	100	0	Peak
344.28	31.97	50.43	46	-14.03	15.97	2.36	36.79	100	0	Peak
480.08	27.92	43.32	46	-18.08	18.72	2.85	36.97	100	0	Peak
597.45	33.61	46.91	46	-12.39	20.85	3.21	37.36	100	0	Peak

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: For higher frequency, the emission is too low to be detected.

2SECEND-BT-LE _1M

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.87	59.63	74	-23.13	31.75	5.86	46.37	180	195	Peak
2390	43.52	52.28	54	-10.48	31.75	5.86	46.37	180	195	Average
2402	100.75	109.45	–	–	31.79	5.88	46.37	180	195	Peak
2402	100.55	109.25	–	–	31.79	5.88	46.37	180	195	Average
2483.5	51.19	59.52	74	-22.81	32.05	5.99	46.37	180	195	Peak
2483.5	43.69	52.02	54	-10.31	32.05	5.99	46.37	180	195	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	51.61	59.98	74	-22.39	32.14	5.86	46.37	102	190	Peak
2390	44.37	52.74	54	-9.63	32.14	5.86	46.37	102	190	Average
2402	100.11	108.44	–	–	32.16	5.88	46.37	102	190	Peak
2402	99.64	107.97	–	–	32.16	5.88	46.37	102	190	Average
2483.5	52.71	60.73	74	-21.29	32.36	5.99	46.37	102	190	Peak
2483.5	43.91	51.93	54	-10.09	32.36	5.99	46.37	102	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.66	59.42	74	-23.34	31.75	5.86	46.37	105	80	Peak
2390	42.95	51.71	54	-11.05	31.75	5.86	46.37	105	80	Average
2440	98.24	106.77	–	–	31.91	5.93	46.37	105	80	Peak
2440	98.05	106.58	–	–	31.91	5.93	46.37	105	80	Average
2483.5	50.81	59.14	74	-23.19	32.05	5.99	46.37	105	80	Peak
2483.5	43.38	51.71	54	-10.62	32.05	5.99	46.37	105	80	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	51.93	60.3	74	-22.07	32.14	5.86	46.37	100	190	Peak
2390	43.52	51.89	54	-10.48	32.14	5.86	46.37	100	190	Average
2440	99.49	107.67	–	–	32.26	5.93	46.37	100	190	Peak
2440	99.3	107.48	–	–	32.26	5.93	46.37	100	190	Average
2483.5	51.02	59.04	74	-22.98	32.36	5.99	46.37	100	190	Peak
2483.5	43.82	51.84	54	-10.18	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	51.38	60.14	74	-22.62	31.75	5.86	46.37	150	190	Peak
2390	43.44	52.2	54	-10.56	31.75	5.86	46.37	150	190	Average
2480	99.6	107.95	–	–	32.04	5.98	46.37	150	190	Peak
2480	98.94	107.29	–	–	32.04	5.98	46.37	150	190	Average
2483.5	52.19	60.52	74	-21.81	32.05	5.99	46.37	150	190	Peak
2483.5	44.78	53.11	54	-9.22	32.05	5.99	46.37	150	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	51.23	59.6	74	-22.77	32.14	5.86	46.37	100	190	Peak
2390	44	52.37	54	-10	32.14	5.86	46.37	100	190	Average
2480	99.39	107.43	–	–	32.35	5.98	46.37	100	190	Peak
2480	99.26	107.3	–	–	32.35	5.98	46.37	100	190	Average
2483.5	53.69	61.71	74	-20.31	32.36	5.99	46.37	100	190	Peak
2483.5	45.19	53.21	54	-8.81	32.36	5.99	46.37	100	190	Average

REMARKS:

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

BELOW 1GHz TEST DATA

Note: For higher frequency, the emission is too low to be detected.

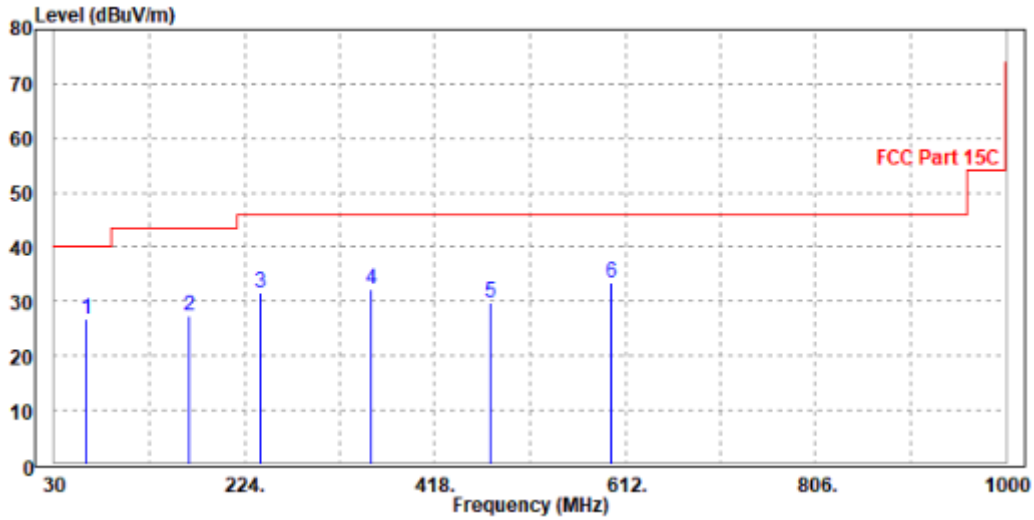
2SECEND-BT-LE _2M

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
62.98	26.68	55.36	40	-13.32	7.63	1.02	37.33	100	0	Peak
167.74	27.31	51.74	43.5	-16.19	10.63	1.64	36.7	100	0	Peak
240.49	31.55	53.43	46	-14.45	12.78	1.97	36.63	100	0	Peak
353.01	32.13	50.99	46	-13.87	15.54	2.39	36.79	100	0	Peak
475.23	29.73	45.61	46	-16.27	18.25	2.83	36.96	100	0	Peak
598.42	33.59	47.07	46	-12.41	20.67	3.21	37.36	100	0	Peak

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

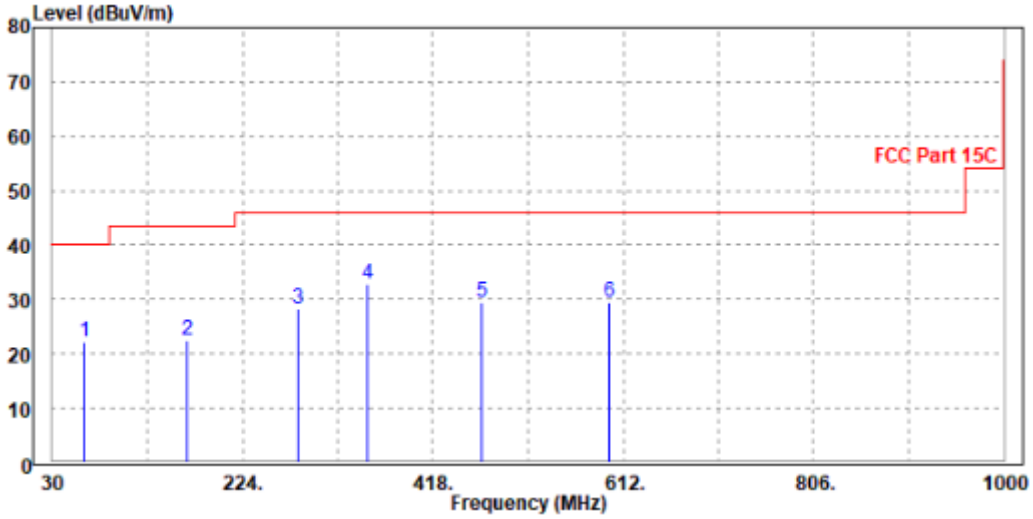


CHANNEL	TX Channel 0	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
62.98	22.29	50.7	40	-17.71	7.9	1.02	37.33	200	0	Peak
167.74	22.57	46.59	43.5	-20.93	11.04	1.64	36.7	200	0	Peak
280.26	28.41	48.46	46	-17.59	14.53	2.13	36.71	200	0	Peak
352.04	33	51.26	46	-13	16.14	2.39	36.79	200	0	Peak
467.47	29.48	45.14	46	-16.52	18.48	2.8	36.94	200	0	Peak
597.45	29.46	42.76	46	-16.54	20.85	3.21	37.36	200	0	Peak

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: For higher frequency, the emission is too low to be detected.

2SECEND-BT-LE _2M

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	51.1	59.86	74	-22.9	31.75	5.86	46.37	180	195	Peak
2390	43.77	52.53	54	-10.23	31.75	5.86	46.37	180	195	Average
2402	100.4	109.1	–	–	31.79	5.88	46.37	180	195	Peak
2402	98.45	107.15	–	–	31.79	5.88	46.37	180	195	Average
2483.5	51.67	60	74	-22.33	32.05	5.99	46.37	180	195	Peak
2483.5	43.7	52.03	54	-10.3	32.05	5.99	46.37	180	195	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	51.91	60.28	74	-22.09	32.14	5.86	46.37	100	190	Peak
2390	43.37	51.74	54	-10.63	32.14	5.86	46.37	100	190	Average
2402	99.22	107.55	–	–	32.16	5.88	46.37	100	190	Peak
2402	97.03	105.36	–	–	32.16	5.88	46.37	100	190	Average
2483.5	51.43	59.45	74	-22.57	32.36	5.99	46.37	100	190	Peak
2483.5	43.75	51.77	54	-10.25	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	51.38	60.14	74	-22.62	31.75	5.86	46.37	103	80	Peak
2390	42.88	51.64	54	-11.12	31.75	5.86	46.37	103	80	Average
2440	97.85	106.38	–	–	31.91	5.93	46.37	103	80	Peak
2440	95.81	104.34	–	–	31.91	5.93	46.37	103	80	Average
2483.5	52.2	60.53	74	-21.8	32.05	5.99	46.37	103	80	Peak
2483.5	43.46	51.79	54	-10.54	32.05	5.99	46.37	103	80	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	52.06	60.43	74	-21.94	32.14	5.86	46.37	100	190	Peak
2390	43.65	52.02	54	-10.35	32.14	5.86	46.37	100	190	Average
2440	99.28	107.46	–	–	32.26	5.93	46.37	100	190	Peak
2440	97.51	105.69	–	–	32.26	5.93	46.37	100	190	Average
2483.5	52.05	60.07	74	-21.95	32.36	5.99	46.37	100	190	Peak
2483.5	43.83	51.85	54	-10.17	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.35	59.11	74	-23.65	31.75	5.86	46.37	150	80	Peak
2390	43.08	51.84	54	-10.92	31.75	5.86	46.37	150	80	Average
2480	98.25	106.6	–	–	32.04	5.98	46.37	150	80	Peak
2480	96.48	104.83	–	–	32.04	5.98	46.37	150	80	Average
2483.5	54.62	62.95	74	-19.38	32.05	5.99	46.37	150	80	Peak
2483.5	46.58	54.91	54	-7.42	32.05	5.99	46.37	150	80	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	51.53	59.9	74	-22.47	32.14	5.86	46.37	100	190	Peak
2390	43.67	52.04	54	-10.33	32.14	5.86	46.37	100	190	Average
2480	99.51	107.55	–	–	32.35	5.98	46.37	100	190	Peak
2480	97.67	105.71	–	–	32.35	5.98	46.37	100	190	Average
2483.5	54.34	62.36	74	-19.66	32.36	5.99	46.37	100	190	Peak
2483.5	47.37	55.39	54	-6.63	32.36	5.99	46.37	100	190	Average

REMARKS:

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

BELOW 1GHz TEST DATA

Note: For higher frequency, the emission is too low to be detected.

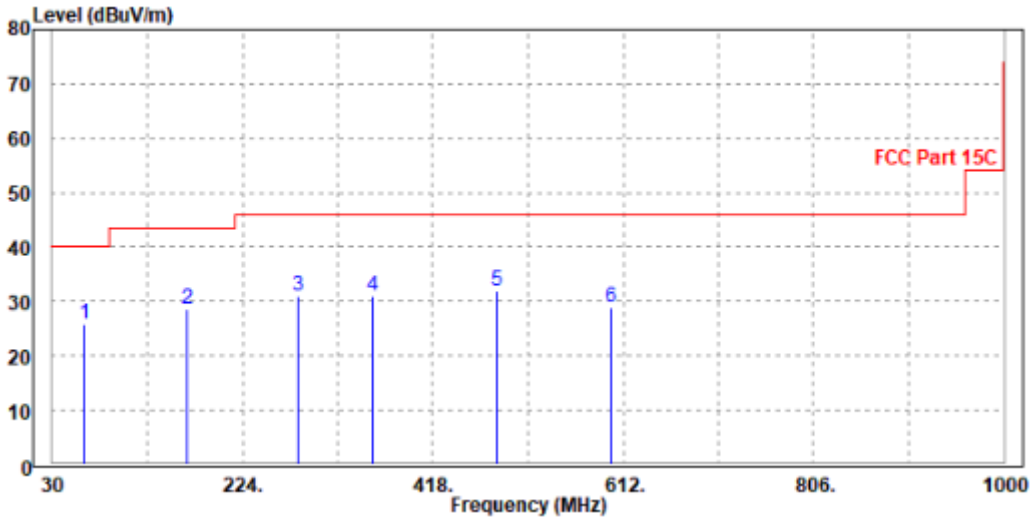
2SECEND-BT-LE _S2

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
62.98	25.83	54.51	40	-14.17	7.63	1.02	37.33	200	0	Peak
167.74	28.59	53.02	43.5	-14.91	10.63	1.64	36.7	200	0	Peak
280.26	30.99	51.89	46	-15.01	13.68	2.13	36.71	200	0	Peak
355.92	30.9	49.67	46	-15.1	15.62	2.4	36.79	200	0	Peak
482.99	32.03	47.75	46	-13.97	18.39	2.86	36.97	200	0	Peak
599.39	28.77	42.23	46	-17.23	20.69	3.22	37.37	200	0	Peak

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

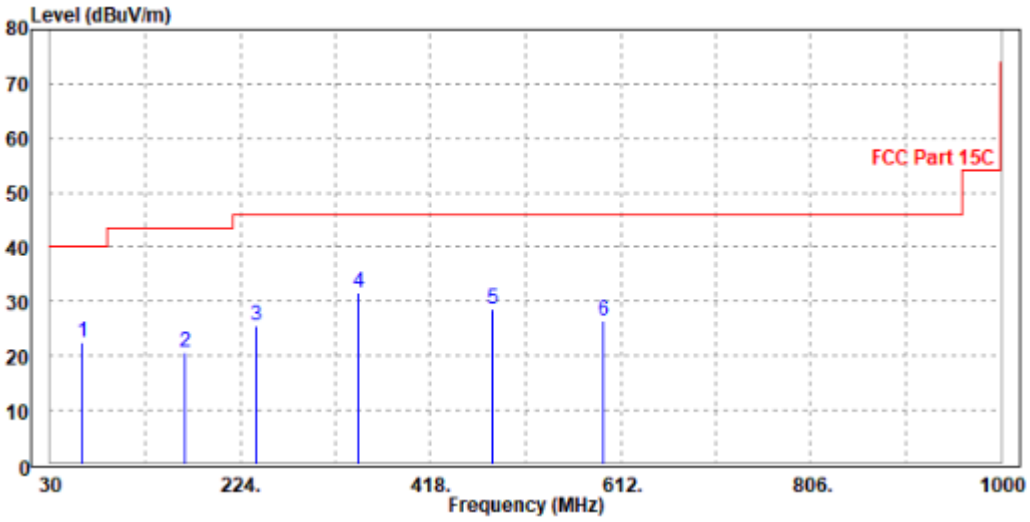


CHANNEL	TX Channel 11	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
62.98	22.5	50.91	40	-17.5	7.9	1.02	37.33	100	0	Peak
167.74	20.62	44.64	43.5	-22.88	11.04	1.64	36.7	100	0	Peak
240.49	25.6	46.9	46	-20.4	13.36	1.97	36.63	100	0	Peak
345.25	31.73	50.16	46	-14.27	16	2.36	36.79	100	0	Peak
481.05	28.45	43.82	46	-17.55	18.74	2.86	36.97	100	0	Peak
594.54	26.41	39.76	46	-19.59	20.8	3.2	37.35	100	0	Peak

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: For higher frequency, the emission is too low to be detected.

2SECEND-BT-LE _S2

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	51.2	59.96	74	-22.8	31.75	5.86	46.37	180	210	Peak
2390	43.3	52.06	54	-10.7	31.75	5.86	46.37	180	210	Average
2402	98.08	106.78	–	–	31.79	5.88	46.37	180	210	Peak
2402	97.84	106.54	–	–	31.79	5.88	46.37	180	210	Average
2483.5	51.67	60	74	-22.33	32.05	5.99	46.37	180	210	Peak
2483.5	43.56	51.89	54	-10.44	32.05	5.99	46.37	180	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	50.68	59.05	74	-23.32	32.14	5.86	46.37	100	190	Peak
2390	44.04	52.41	54	-9.96	32.14	5.86	46.37	100	190	Average
2402	100.03	108.36	–	–	32.16	5.88	46.37	100	190	Peak
2402	98.75	107.08	–	–	32.16	5.88	46.37	100	190	Average
2483.5	50.74	58.76	74	-23.26	32.36	5.99	46.37	100	190	Peak
2483.5	43.76	51.78	54	-10.24	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.25	59.01	74	-23.75	31.75	5.86	46.37	105	80	Peak
2390	42.84	51.6	54	-11.16	31.75	5.86	46.37	105	80	Average
2440	98.26	106.79	–	–	31.91	5.93	46.37	105	80	Peak
2440	98.04	106.57	–	–	31.91	5.93	46.37	105	80	Average
2483.5	51.51	59.84	74	-22.49	32.05	5.99	46.37	105	80	Peak
2483.5	43.62	51.95	54	-10.38	32.05	5.99	46.37	105	80	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	51.85	60.22	74	-22.15	32.14	5.86	46.37	100	190	Peak
2390	43.73	52.1	54	-10.27	32.14	5.86	46.37	100	190	Average
2440	99.66	107.84	–	–	32.26	5.93	46.37	100	190	Peak
2440	99.25	107.43	–	–	32.26	5.93	46.37	100	190	Average
2483.5	50.95	58.97	74	-23.05	32.36	5.99	46.37	100	190	Peak
2483.5	43.48	51.5	54	-10.52	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.37	59.13	74	-23.63	31.75	5.86	46.37	150	80	Peak
2390	43.02	51.78	54	-10.98	31.75	5.86	46.37	150	80	Average
2480	98.61	106.96	–	–	32.04	5.98	46.37	150	80	Peak
2480	98.08	106.43	–	–	32.04	5.98	46.37	150	80	Average
2483.5	52.02	60.35	74	-21.98	32.05	5.99	46.37	150	80	Peak
2483.5	44.88	53.21	54	-9.12	32.05	5.99	46.37	150	80	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	51.67	60.04	74	-22.33	32.14	5.86	46.37	100	190	Peak
2390	43.99	52.36	54	-10.01	32.14	5.86	46.37	100	190	Average
2480	99.58	107.62	–	–	32.35	5.98	46.37	100	190	Peak
2480	99.32	107.36	–	–	32.35	5.98	46.37	100	190	Average
2483.5	53.78	61.8	74	-20.22	32.36	5.99	46.37	100	190	Peak
2483.5	45.41	53.43	54	-8.59	32.36	5.99	46.37	100	190	Average

REMARKS:

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

BELOW 1GHz TEST DATA

Note: For higher frequency, the emission is too low to be detected.

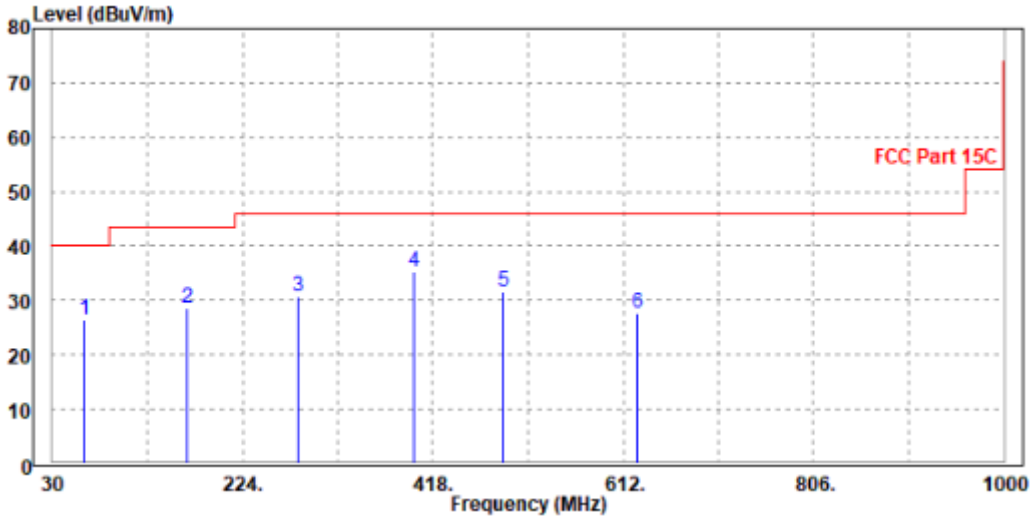
2SECEND-BT-LE _S8

CHANNEL	TX Channel 19	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	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
62.98	26.56	55.24	40	-13.44	7.63	1.02	37.33	100	0	Peak
167.74	28.74	53.17	43.5	-14.76	10.63	1.64	36.7	100	0	Peak
280.26	30.6	51.5	46	-15.4	13.68	2.13	36.71	100	0	Peak
398.6	35.28	52.7	46	-10.72	16.86	2.55	36.83	100	0	Peak
489.78	31.51	47.08	46	-14.49	18.52	2.89	36.98	100	0	Peak
625.58	27.55	40.45	46	-18.45	21.21	3.3	37.41	100	0	Peak

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

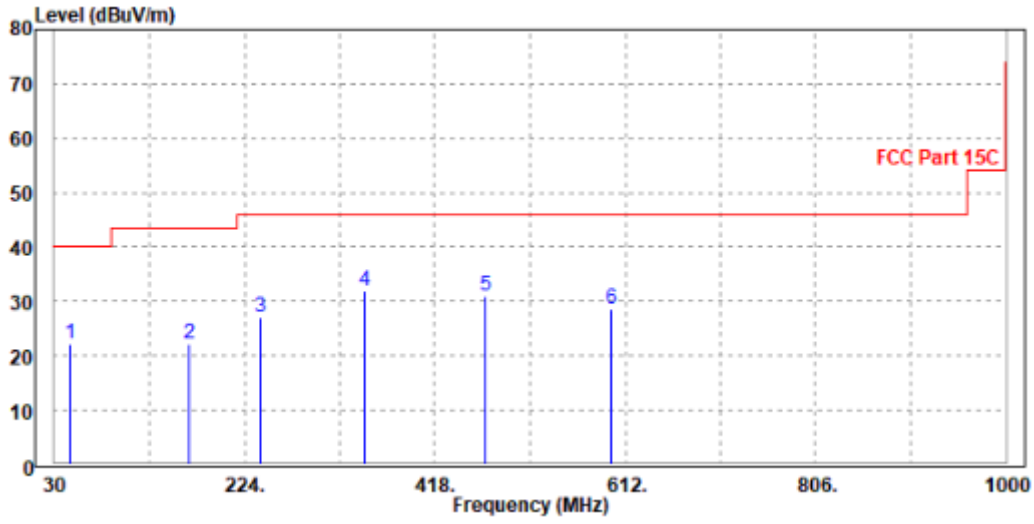


CHANNEL	TX Channel 19	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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
45.52	22.29	48.39	40	-17.71	10.43	0.87	37.4	200	0	Peak
167.74	22.21	46.23	43.5	-21.29	11.04	1.64	36.7	200	0	Peak
239.52	27.01	48.35	46	-18.99	13.32	1.97	36.63	200	0	Peak
346.22	31.81	50.21	46	-14.19	16.02	2.37	36.79	200	0	Peak
469.41	31.18	46.8	46	-14.82	18.52	2.81	36.95	200	0	Peak
598.42	28.46	41.74	46	-17.54	20.87	3.21	37.36	200	0	Peak

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: For higher frequency, the emission is too low to be detected.

2SECEND-BT-LE _S8

CHANNEL	TX Channel 0	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	**EMISSION LEVEL (dBuV/m)**	**READ 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	51.03	59.79	74	-22.97	31.75	5.86	46.37	180	205	Peak
2390	43.36	52.12	54	-10.64	31.75	5.86	46.37	180	205	Average
2402	98.85	107.55	–	–	31.79	5.88	46.37	180	205	Peak
2402	98.16	106.86	–	–	31.79	5.88	46.37	180	205	Average
2483.5	50.98	59.31	74	-23.02	32.05	5.99	46.37	180	205	Peak
2483.5	43.73	52.06	54	-10.27	32.05	5.99	46.37	180	205	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	51.61	59.98	74	-22.39	32.14	5.86	46.37	100	190	Peak
2390	44.28	52.65	54	-9.72	32.14	5.86	46.37	100	190	Average
2402	99.21	107.54	–	–	32.16	5.88	46.37	100	190	Peak
2402	98.46	106.79	–	–	32.16	5.88	46.37	100	190	Average
2483.5	52.83	60.85	74	-21.17	32.36	5.99	46.37	100	190	Peak
2483.5	43.71	51.73	54	-10.29	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2402MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.13	58.89	74	-23.87	31.75	5.86	46.37	105	80	Peak
2390	43.32	52.08	54	-10.68	31.75	5.86	46.37	105	80	Average
2440	98.1	106.63	–	–	31.91	5.93	46.37	105	80	Peak
2440	97.09	105.62	–	–	31.91	5.93	46.37	105	80	Average
2483.5	51.33	59.66	74	-22.67	32.05	5.99	46.37	105	80	Peak
2483.5	43.36	51.69	54	-10.64	32.05	5.99	46.37	105	80	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	50.28	58.65	74	-23.72	32.14	5.86	46.37	100	190	Peak
2390	43.71	52.08	54	-10.29	32.14	5.86	46.37	100	190	Average
2440	99.35	107.53	–	–	32.26	5.93	46.37	100	190	Peak
2440	98.68	106.86	–	–	32.26	5.93	46.37	100	190	Average
2483.5	51.48	59.5	74	-22.52	32.36	5.99	46.37	100	190	Peak
2483.5	43.69	51.71	54	-10.31	32.36	5.99	46.37	100	190	Average

REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Emission level – Limit value.
2. 2440MHz: Fundamental frequency.

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M										
FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	READ 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	50.43	59.19	74	-23.57	31.75	5.86	46.37	150	80	Peak
2390	43.17	51.93	54	-10.83	31.75	5.86	46.37	150	80	Average
2480	98.58	106.93	–	–	32.04	5.98	46.37	150	80	Peak
2480	97.48	105.83	–	–	32.04	5.98	46.37	150	80	Average
2483.5	52.63	60.96	74	-21.37	32.05	5.99	46.37	150	80	Peak
2483.5	44.71	53.04	54	-9.29	32.05	5.99	46.37	150	80	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	51.13	59.5	74	-22.87	32.14	5.86	46.37	100	190	Peak
2390	43.94	52.31	54	-10.06	32.14	5.86	46.37	100	190	Average
2480	99.7	107.74	–	–	32.35	5.98	46.37	100	190	Peak
2480	98.62	106.66	–	–	32.35	5.98	46.37	100	190	Average
2483.5	53.63	61.65	74	-20.37	32.36	5.99	46.37	100	190	Peak
2483.5	45.78	53.8	54	-8.22	32.36	5.99	46.37	100	190	Average

REMARKS:

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

3.3 6 dB BANDWIDTH MEASUREMENT

3.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Apr. 07,21	Apr. 06,22
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510322	Feb. 25,21	Feb. 24,22
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	Jun. 03,21	Jun. 02,22
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 25,21	Feb. 24,22
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 26,20	Aug. 25,21
DC Source	Kikusui/JP	PMX18-5A	0000001	Aug. 26,21	Aug. 25,22

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

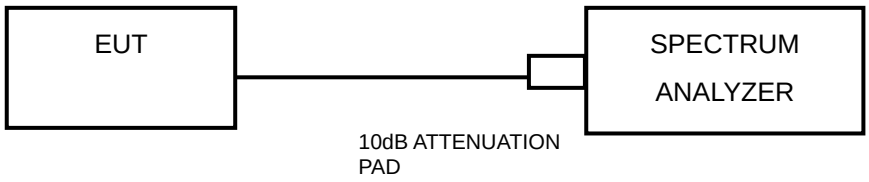
3.3.3 TEST PROCEDURE

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.3.4 DEVIATION FROM TEST STANDARD

No deviation.

3.3.5 TEST SETUP



3.3.6 EUT OPERATING CONDITIONS

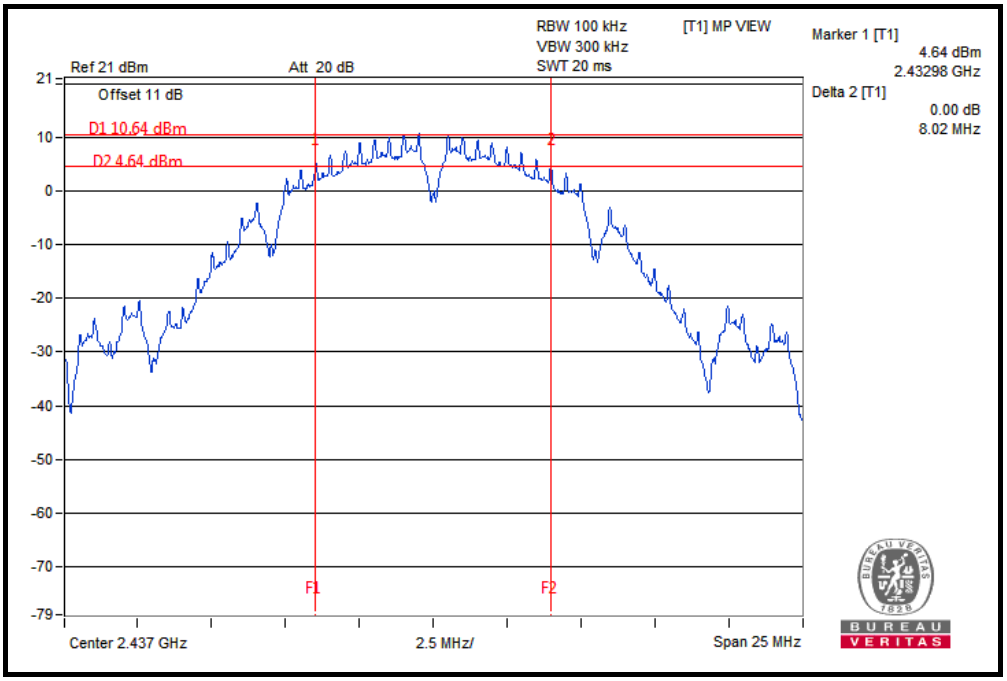
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.3.7 TEST RESULTS

SISO ANT0

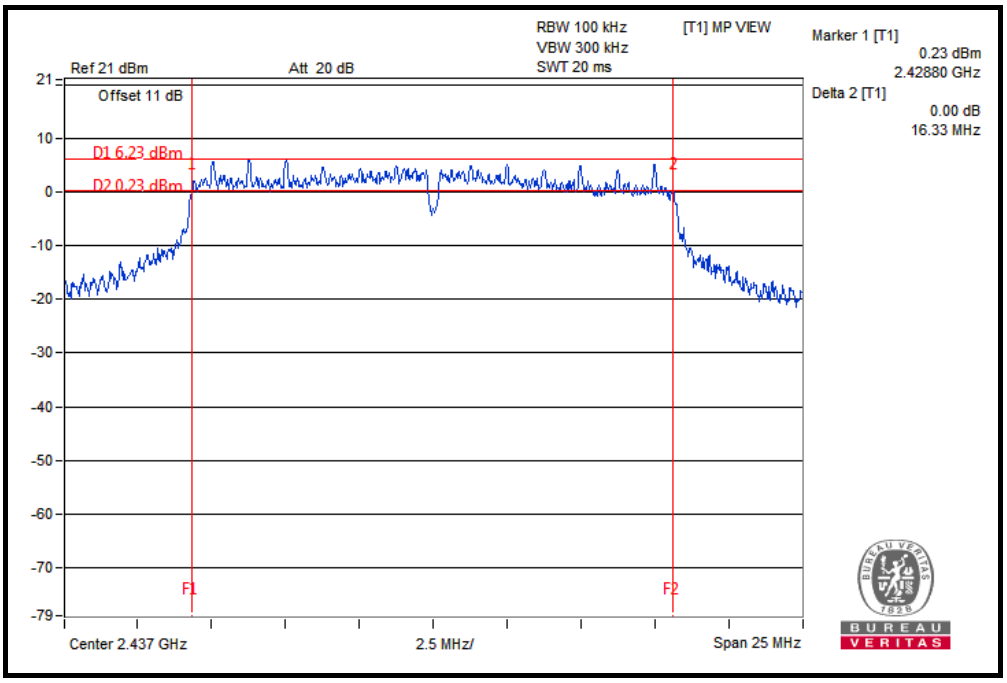
802.11b

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	7.54	0.5	PASS
6	2437	8.02	0.5	PASS
11	2462	7.07	0.5	PASS



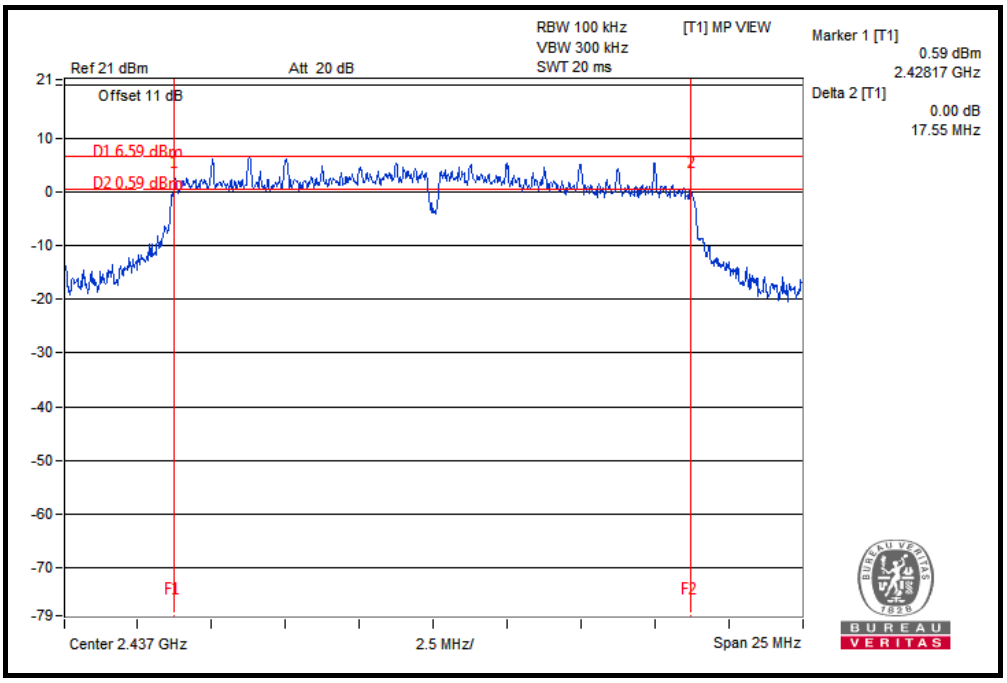
802.11g

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	15.70	0.5	PASS
6	2437	16.33	0.5	PASS
11	2462	15.64	0.5	PASS



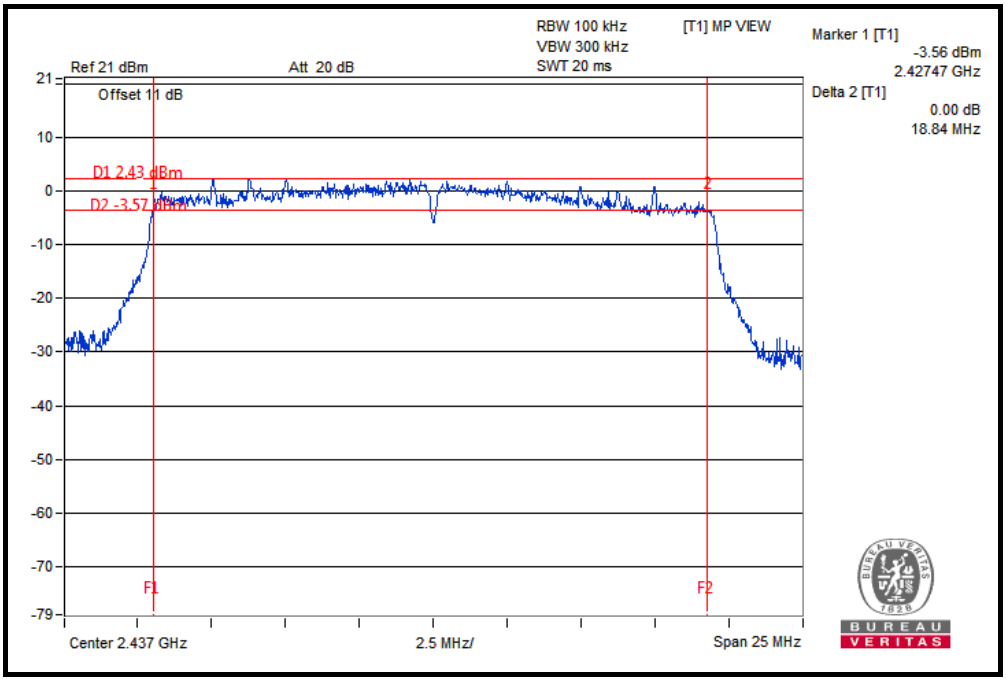
802.11n (20MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	16.31	0.5	PASS
6	2437	17.55	0.5	PASS
11	2462	16.09	0.5	PASS



802.11ax (20MHz)

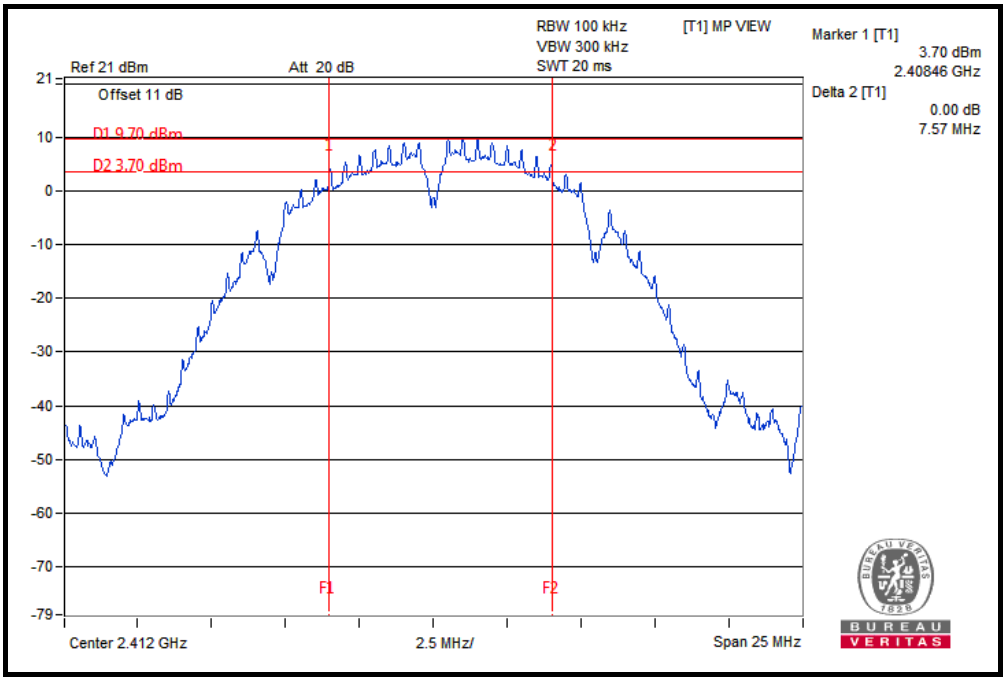
CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	16.99	0.5	PASS
6	2437	18.84	0.5	PASS
11	2462	16.76	0.5	PASS



SISO ANT1

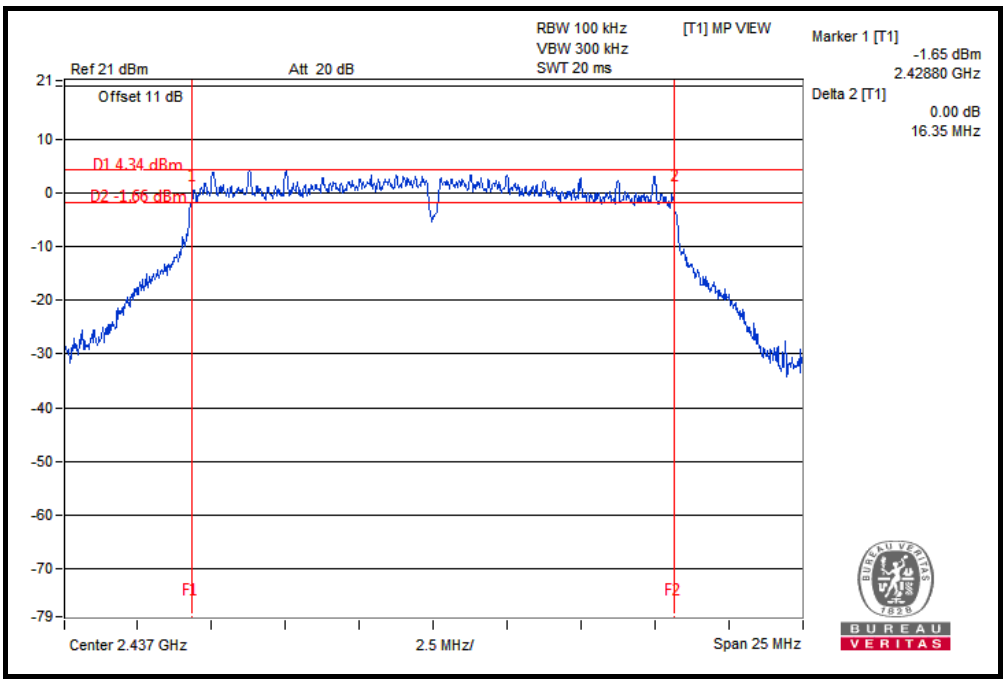
802.11b

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	7.57	0.5	PASS
6	2437	7.55	0.5	PASS
11	2462	7.56	0.5	PASS



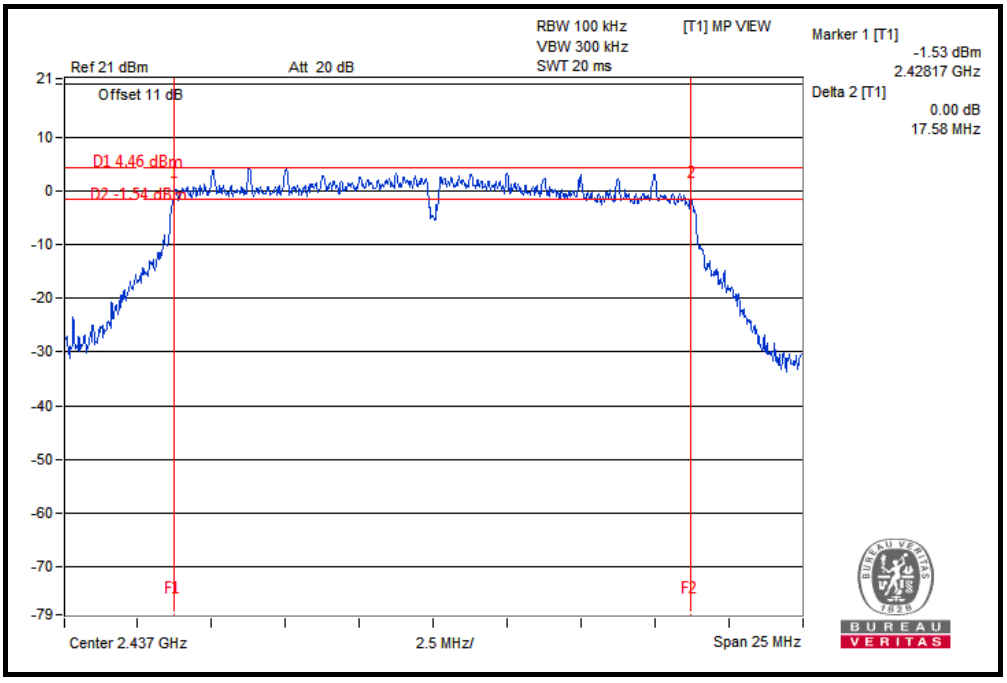
802.11g

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	15.72	0.5	PASS
6	2437	16.35	0.5	PASS
11	2462	16.07	0.5	PASS



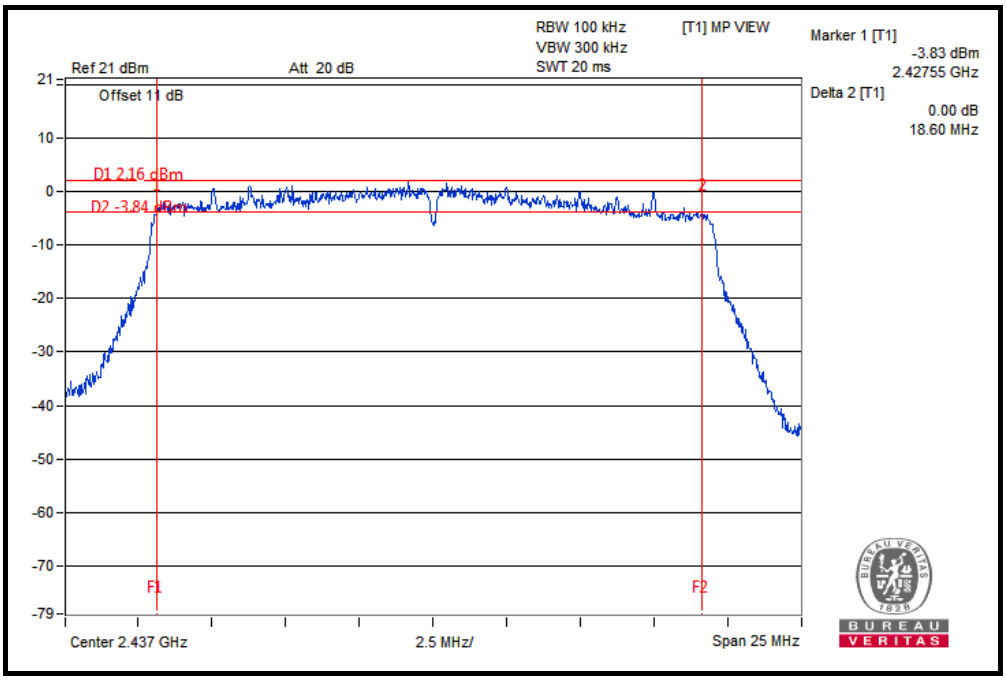
802.11n (20MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	16.35	0.5	PASS
6	2437	17.58	0.5	PASS
11	2462	16.35	0.5	PASS



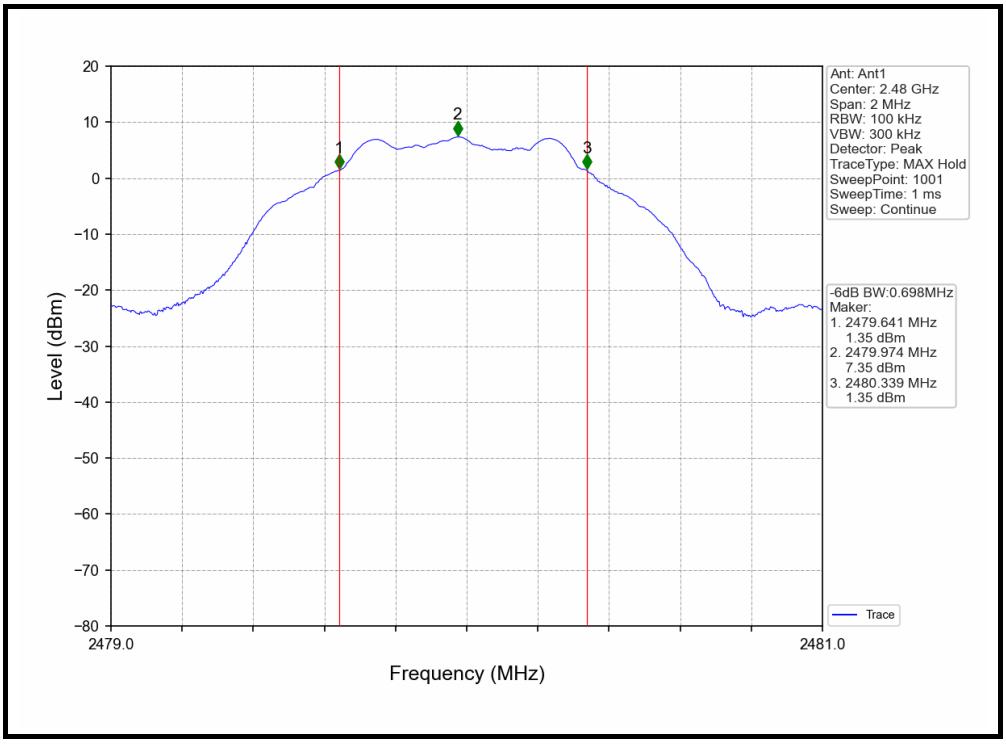
802.11ax (20MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
1	2412	17.04	0.5	PASS
6	2437	18.60	0.5	PASS
11	2462	18.39	0.5	PASS



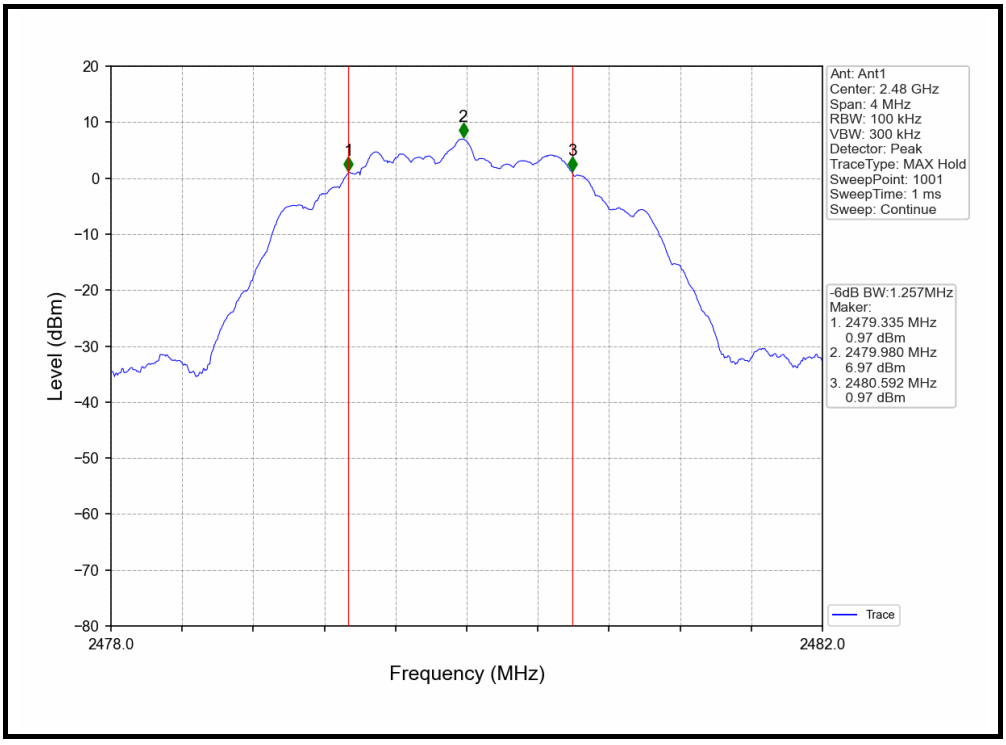
BT-LE (1MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	0.698	0.5	PASS
19	2440	0.691	0.5	PASS
39	2480	0.698	0.5	PASS



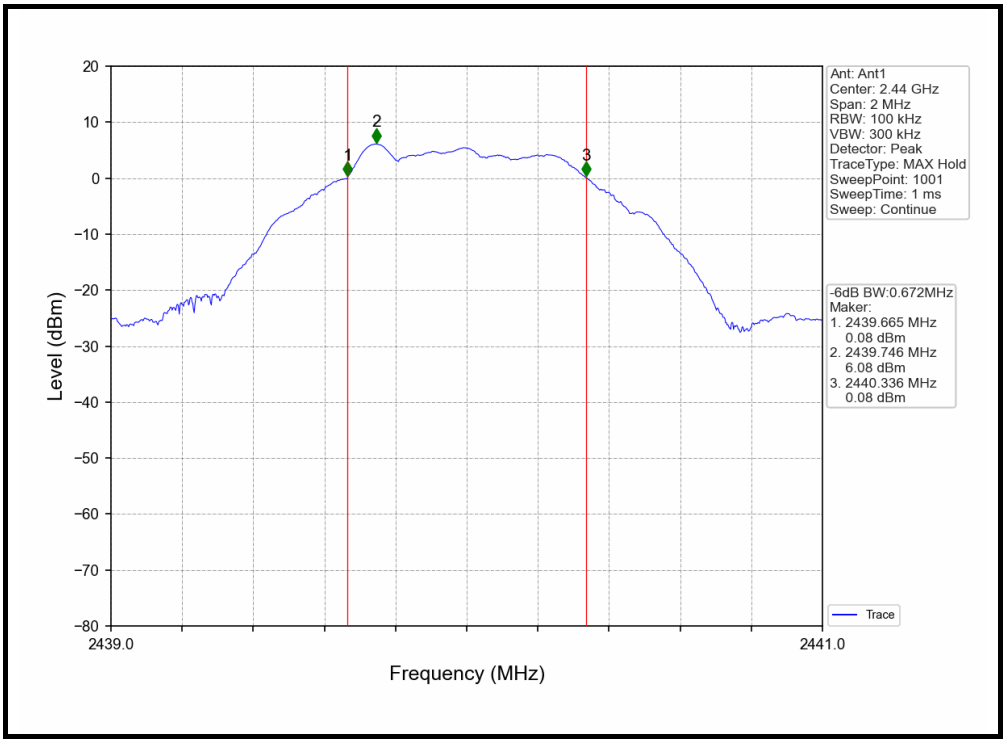
BT-LE (2MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	1.242	0.5	PASS
19	2440	1.248	0.5	PASS
39	2480	1.257	0.5	PASS



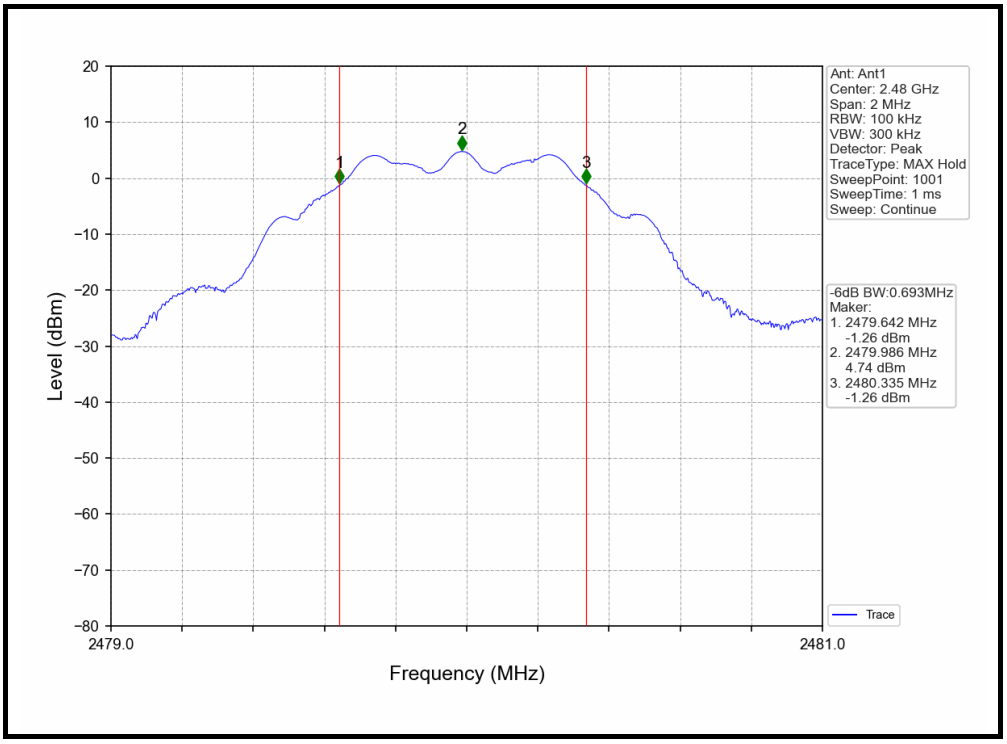
BT-LE (S2)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	0.671	0.5	PASS
19	2440	0.672	0.5	PASS
39	2480	0.669	0.5	PASS



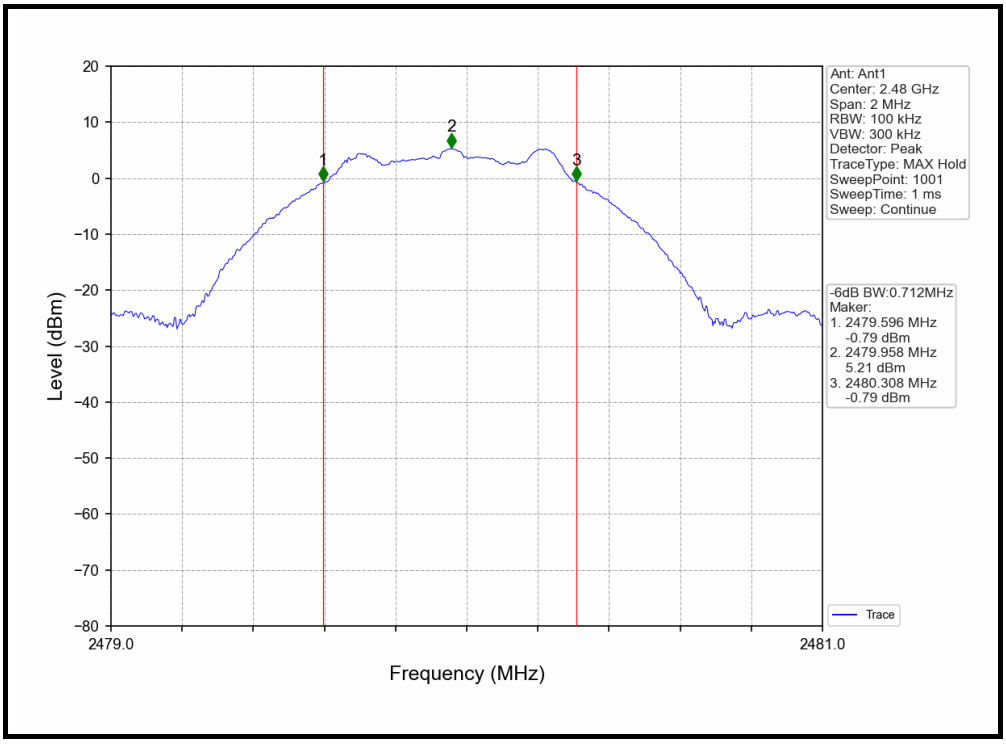
BT-LE (S8)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	0.688	0.5	PASS
19	2440	0.691	0.5	PASS
39	2480	0.693	0.5	PASS



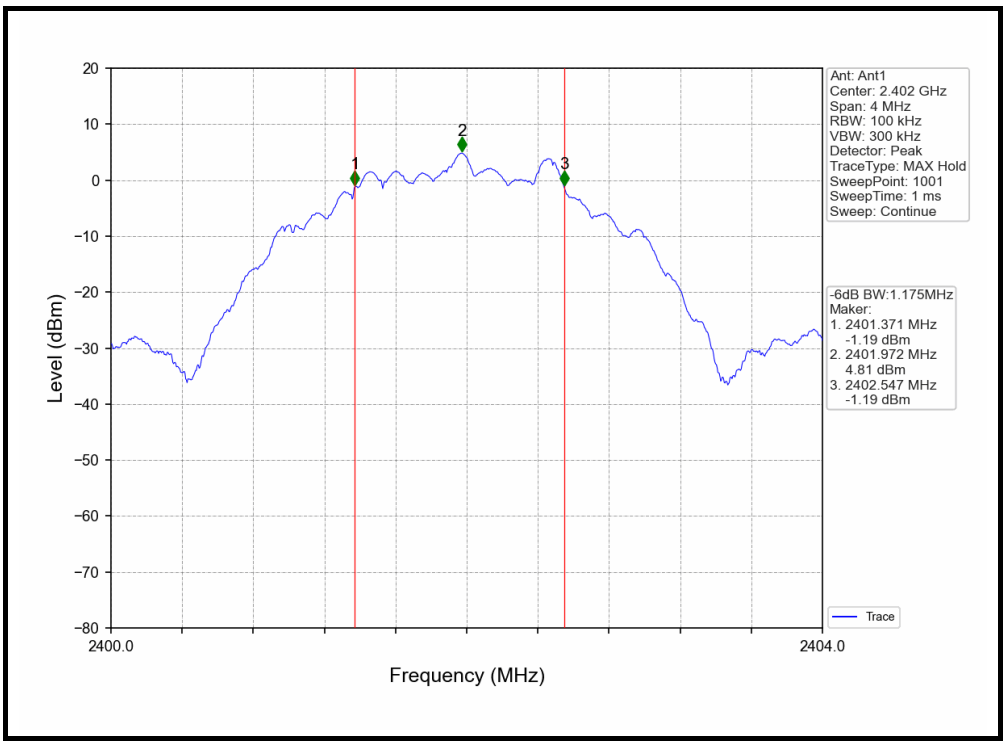
2SECEND-BT-LE (1MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	0.693	0.5	PASS
19	2440	0.708	0.5	PASS
39	2480	0.712	0.5	PASS



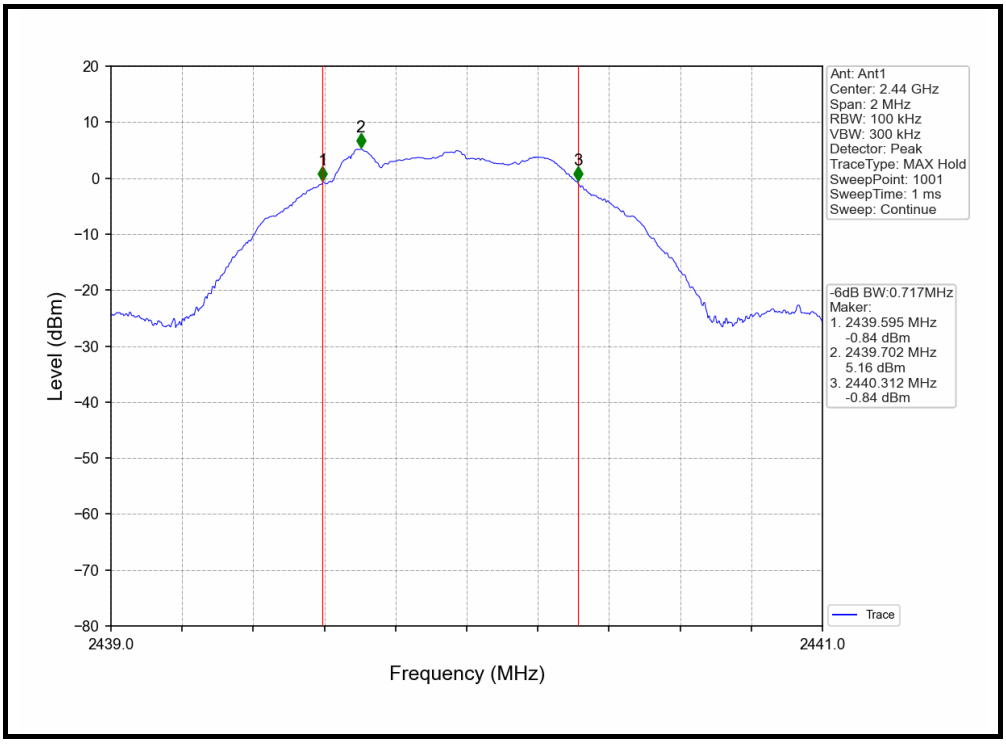
2SECEND-BT-LE (2MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	1.175	0.5	PASS
19	2440	1.147	0.5	PASS
39	2480	1.142	0.5	PASS



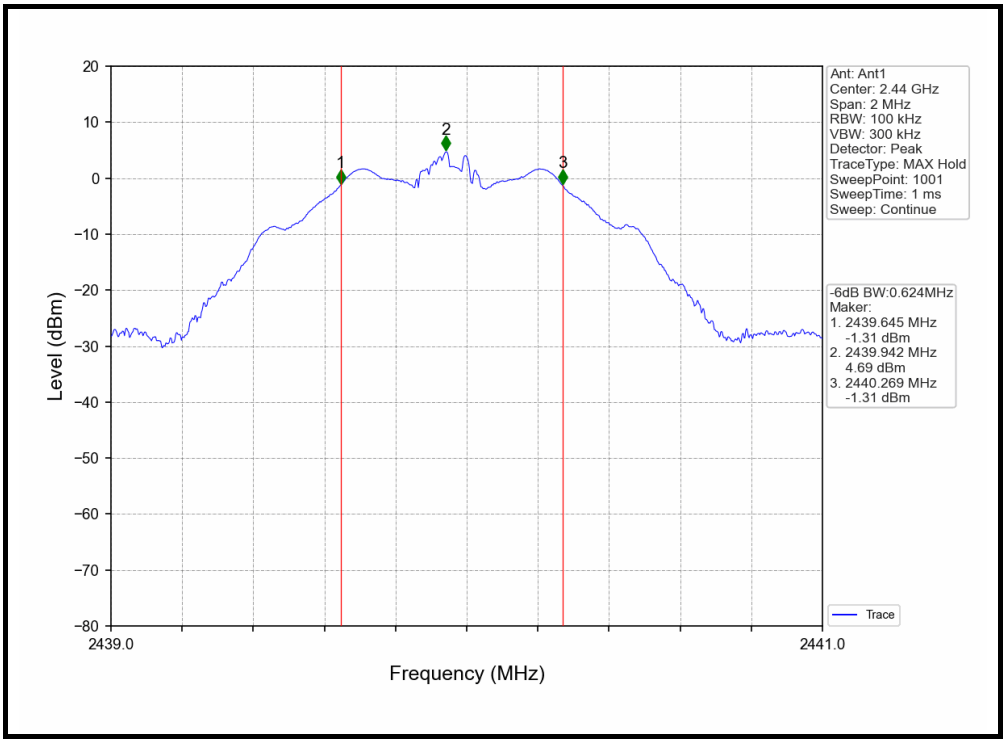
2SECEND-BT-LE (S2)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	0.704	0.5	PASS
19	2440	0.717	0.5	PASS
39	2480	0.711	0.5	PASS



2SECEND-BT-LE (S8)

CHANNEL	CHANNEL FREQUENCY (MHz)	6dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS / FAIL
0	2402	0.618	0.5	PASS
19	2440	0.624	0.5	PASS
39	2480	0.616	0.5	PASS

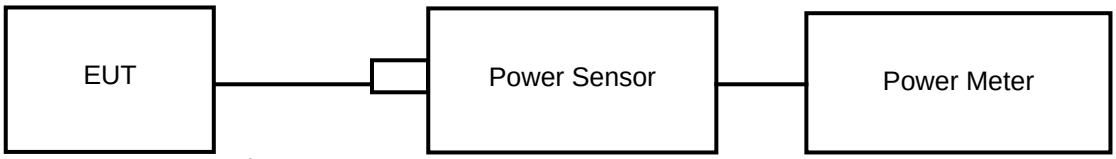


3.4 CONDUCTED OUTPUT POWER

3.4.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

For systems using digital modulation in the 2400–2483.5 MHz band: 1 Watt (30dBm)

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.4.4 TEST PROCEDURES

A peak power sensor was used on the output port of the EUT. A power meter was used to read the response of the peak power sensor. Record the power level.

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.4.7 TEST RESULTS

3.4.7.1 MAXIMUM PEAK OUTPUT POWER

802.11b

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	21.85	153.11	1	PASS
6	2437	21.16	130.62	1	PASS
11	2462	21.91	155.24	1	PASS

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	20.58	114.29	1	PASS
6	2437	21.32	135.52	1	PASS
11	2462	20.43	110.41	1	PASS

802.11g

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	23.82	240.99	1	PASS
6	2437	23.91	246.04	1	PASS
11	2462	24.90	309.03	1	PASS

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	25.02	317.69	1	PASS
6	2437	25.74	374.97	1	PASS
11	2462	25.87	**386.37**	1	PASS

802.11n (20MHz)

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	24.01	251.77	1	PASS
6	2437	23.84	242.10	1	PASS
11	2462	25.08	322.11	1	PASS

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	25.52	356.45	1	PASS
6	2437	25.61	363.92	1	PASS
11	2462	25.67	368.98	1	PASS

802.11ax (20MHz)

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	23.07	202.77	1	PASS
6	2437	23.52	224.91	1	PASS
11	2462	24.06	254.68	1	PASS

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	23.91	246.04	1	PASS
6	2437	24.13	258.82	1	PASS
11	2462	24.01	251.77	1	PASS

ANT 0+1

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER ANT0 (dBm)	PEAK POWER ANT1 (dBm)	PEAK POWER ANT0+1 (dBm)	PEAK POWER ANT0+1 (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
1	2412	20.38	23.90	25.50	354.81	1	PASS
6	2437	19.55	22.18	24.07	255.27	1	PASS
11	2462	20.51	22.14	24.41	276.06	1	PASS

BT-LE (1MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	5.02	3.18	1	PASS
19	2440	4.53	2.84	1	PASS
39	2480	6.23	4.20	1	PASS

BT-LE (2MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	5.24	3.34	1	PASS
19	2440	4.79	3.01	1	PASS
39	2480	6.39	**4.36**	1	PASS

BT-LE (S2)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	4.82	3.03	1	PASS
19	2440	4.31	2.70	1	PASS
39	2480	5.96	3.94	1	PASS

BT-LE (S8)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	4.86	3.06	1	PASS
19	2440	4.26	2.67	1	PASS
39	2480	6.01	3.99	1	PASS

2SECEND-BT-LE (1MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	5.08	3.22	1	PASS
19	2440	5.35	3.43	1	PASS
39	2480	5.46	3.52	1	PASS

2SECEND-BT-LE (2MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	5.11	3.24	1	PASS
19	2440	5.35	3.43	1	PASS
39	2480	5.48	3.53	1	PASS

2SECEND-BT-LE (S2)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	5.11	3.24	1	PASS
19	2440	5.36	3.44	1	PASS
39	2480	5.48	3.53	1	PASS

2SECEND-BT-LE (S8)

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT(W)	PASS/FAIL
0	2402	5.12	3.25	1	PASS
19	2440	5.36	3.44	1	PASS
39	2480	5.49	**3.54**	1	PASS

3.4.7.2 AVERAGE OUTPUT POWER (FOR REFERENCE)

The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the power sensor. Record the power level.

802.11b

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	2412	19.08	N/A
6	2437	18.71	N/A
11	2462	18.81	N/A

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	2412	17.71	N/A
6	2437	18.40	N/A
11	2462	17.72	N/A

802.11g

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	2412	16.62	N/A
6	2437	17.06	N/A
11	2462	16.84	N/A

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	2412	16.04	N/A
6	2437	16.23	N/A
11	2462	16.20	N/A

802.11n (20MHz)

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	2412	16.52	N/A
6	2437	17.05	N/A
11	2462	17.68	N/A

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	2412	15.73	N/A
6	2437	16.19	N/A
11	2462	16.23	N/A

802.11ax (20MHz)

ANT 0

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	**2412**	13.47	N/A
6	**2437**	13.88	N/A
11	**2462**	13.41	N/A

ANT 1

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
1	**2412**	12.51	N/A
6	**2437**	12.93	N/A
11	**2462**	12.92	N/A

ANT 0+1

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER ANT0 (dBm)	AVERAGE POWER ANT1 (dBm)	AVERAGE POWER ANT0+1 (dBm)	PASS/FAIL
1	2412	9.34	11.05	13.29	N/A
6	2437	8.81	11.61	13.44	N/A
11	2462	9.70	11.49	13.70	N/A

BT-LE (1MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	2.00	N/A
19	2440	1.44	N/A
39	2480	3.16	N/A

BT-LE (2MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	-0.82	N/A
19	2440	-1.16	N/A
39	2480	0.62	N/A

BT-LE (S2)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	1.62	N/A
19	2440	1.32	N/A
39	2480	3.21	N/A

BT-LE (S8)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	3.26	N/A
19	2440	2.74	N/A
39	2480	4.44	N/A

2SECEND-BT-LE (1MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	4.35	N/A
19	2440	4.80	N/A
39	2480	4.91	N/A

2SECEND-BT-LE (2MHz)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	3.13	N/A
19	2440	3.41	N/A
39	2480	3.52	N/A

2SECEND-BT-LE (S2)

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	4.54	N/A
19	2440	5.12	N/A
39	2480	5.27	N/A

2SECEND-BT-LE (S8)

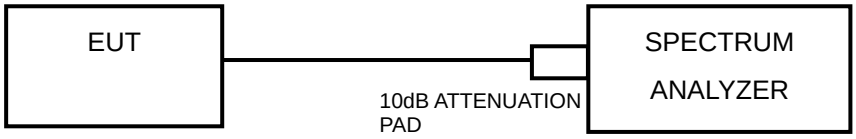
CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	PASS/FAIL
0	2402	4.97	N/A
19	2440	5.24	N/A
39	2480	5.36	N/A

3.5 POWER SPECTRAL DENSITY MEASUREMENT

3.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm/3KHz.

3.5.2 TEST SETUP



3.5.3 TEST INSTRUMENTS

Refer to section 3.3.2 to get information of above instrument.

3.5.4 TEST PROCEDURE

1. Set the span to 1.5 times the DTS bandwidth
2. Set the RBW = 3 kHz, VBW ≥ 3 x RBW, Detector = peak.
3. Sweep time = auto couple, Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

3.5.5 DEVIATION FROM TEST STANDARD

No deviation.

3.5.6 EUT OPERATING CONDITION

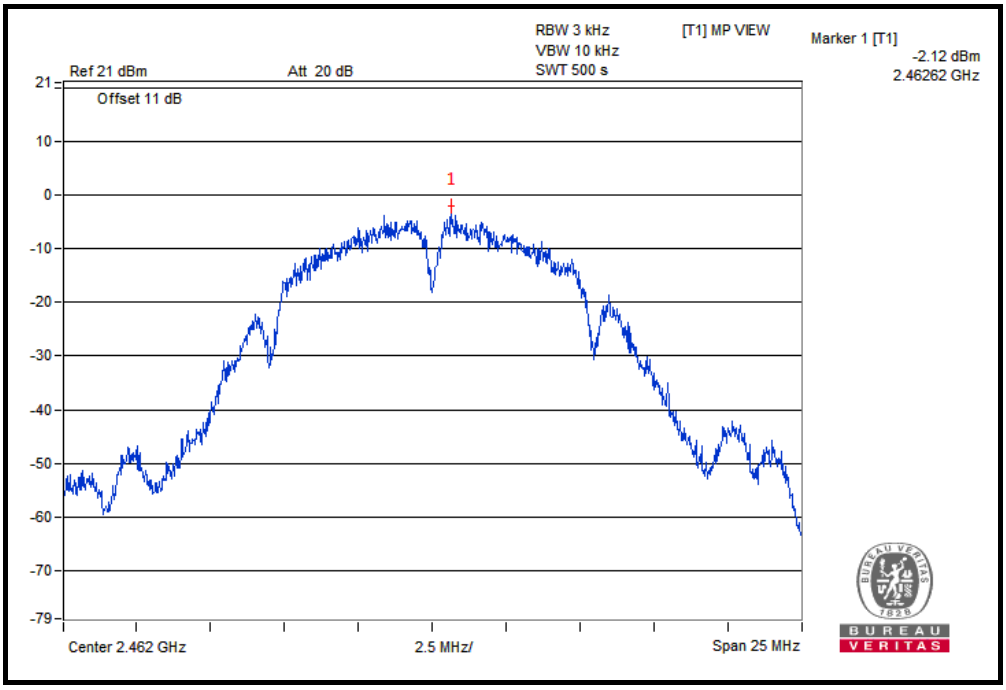
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.5.7 TEST RESULTS

802.11b

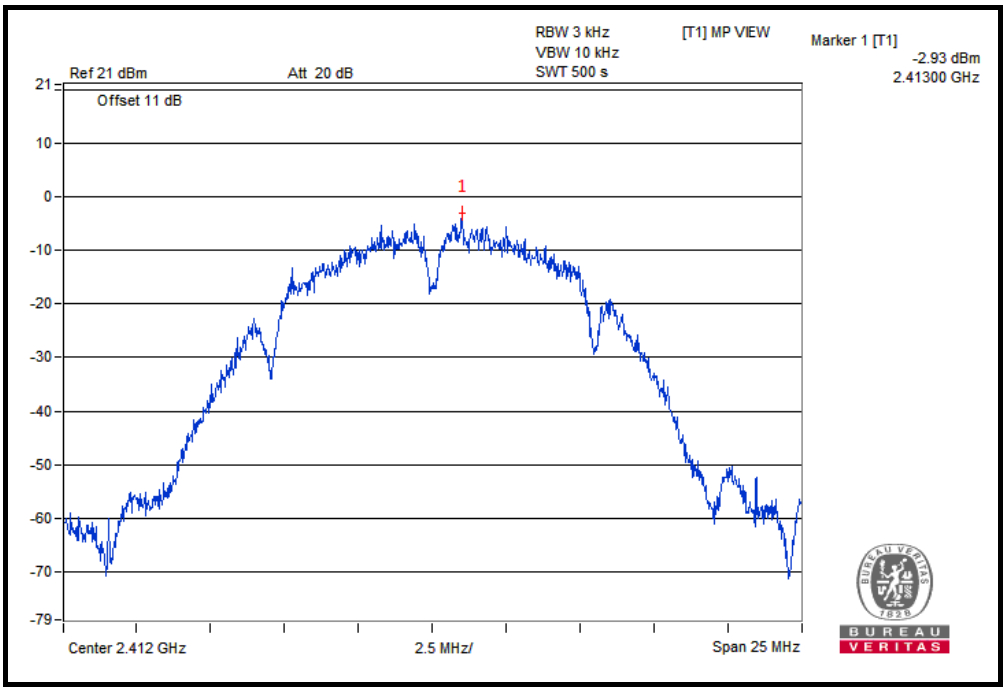
ANT0

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-4.64	8	PASS
6	2437	-4.05	8	PASS
11	2462	-2.12	8	PASS



ANT1

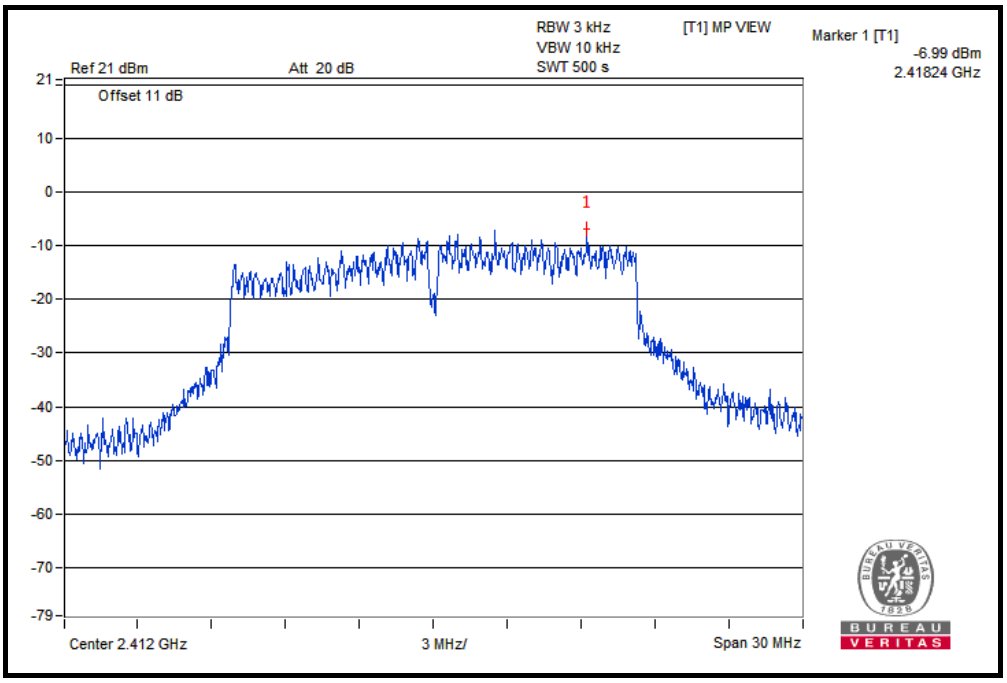
Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-2.93	8	PASS
6	2437	-3.12	8	PASS
11	2462	-3.87	8	PASS



802.11g

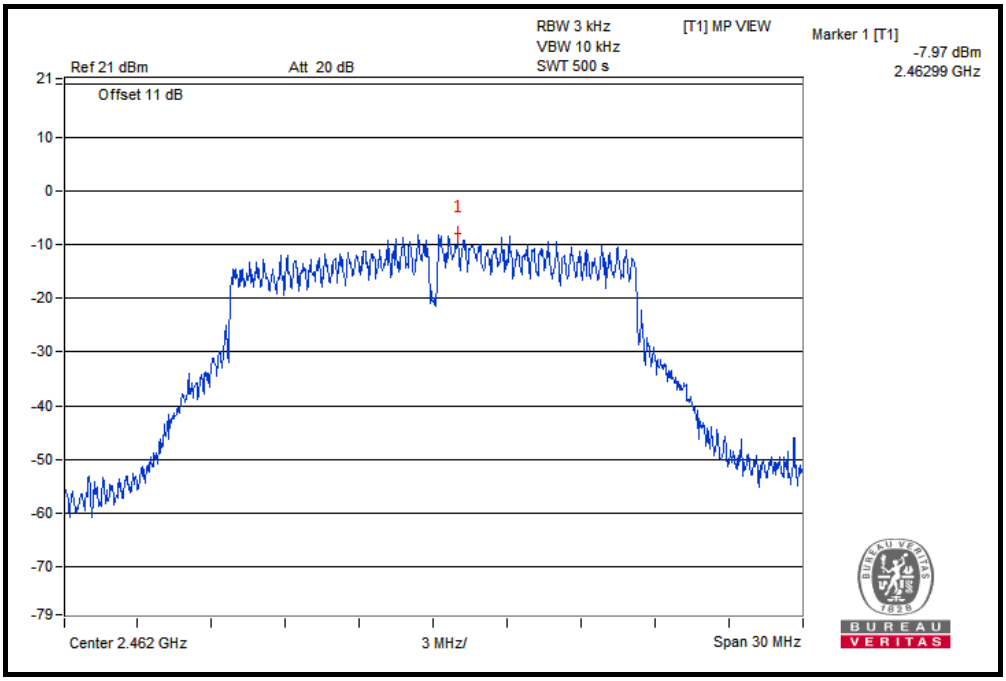
ANT 0

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-6.99	8	PASS
6	2437	-8.00	8	PASS
11	2462	-7.70	8	PASS



ANT 1

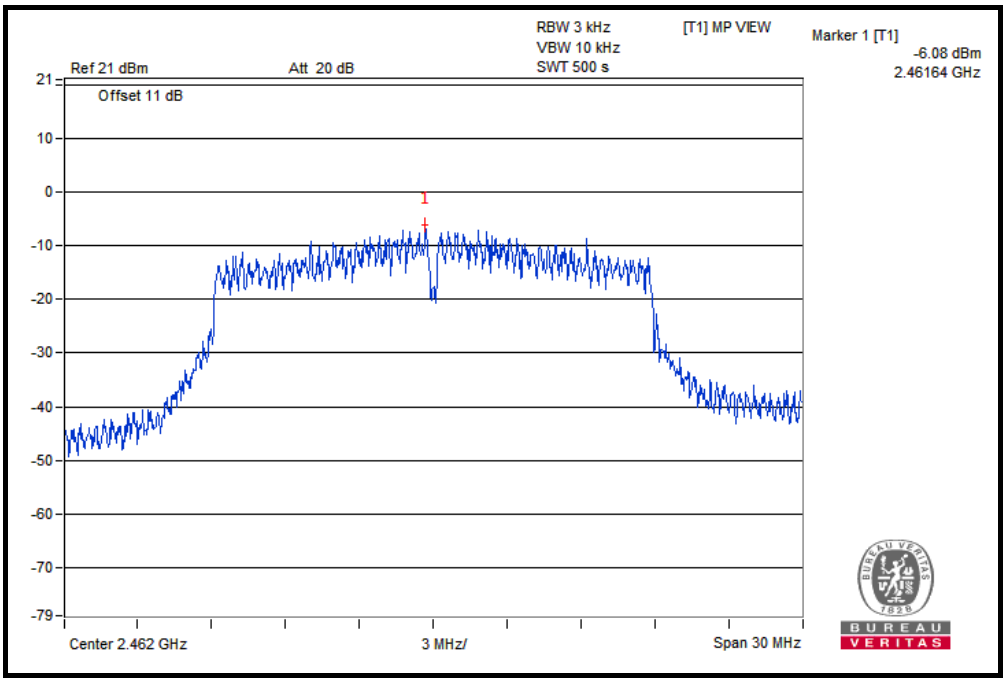
Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-8.02	8	PASS
6	2437	-8.74	8	PASS
11	2462	-7.97	8	PASS



802.11n (20MHz)

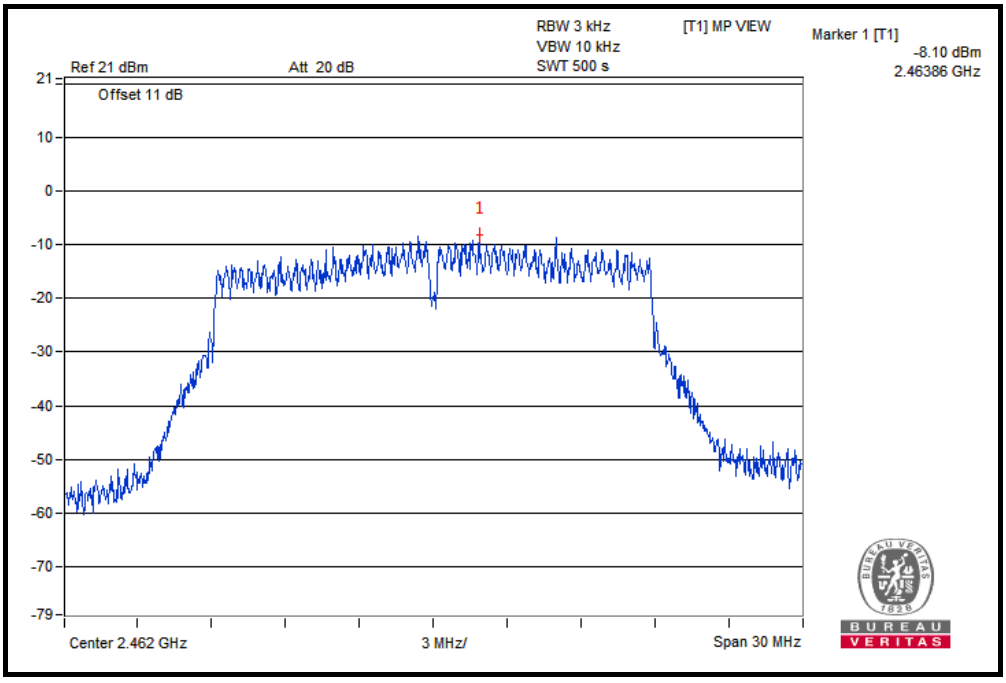
ANT 0

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-8.28	8	PASS
6	2437	-7.71	8	PASS
11	2462	-6.08	8	PASS



ANT 1

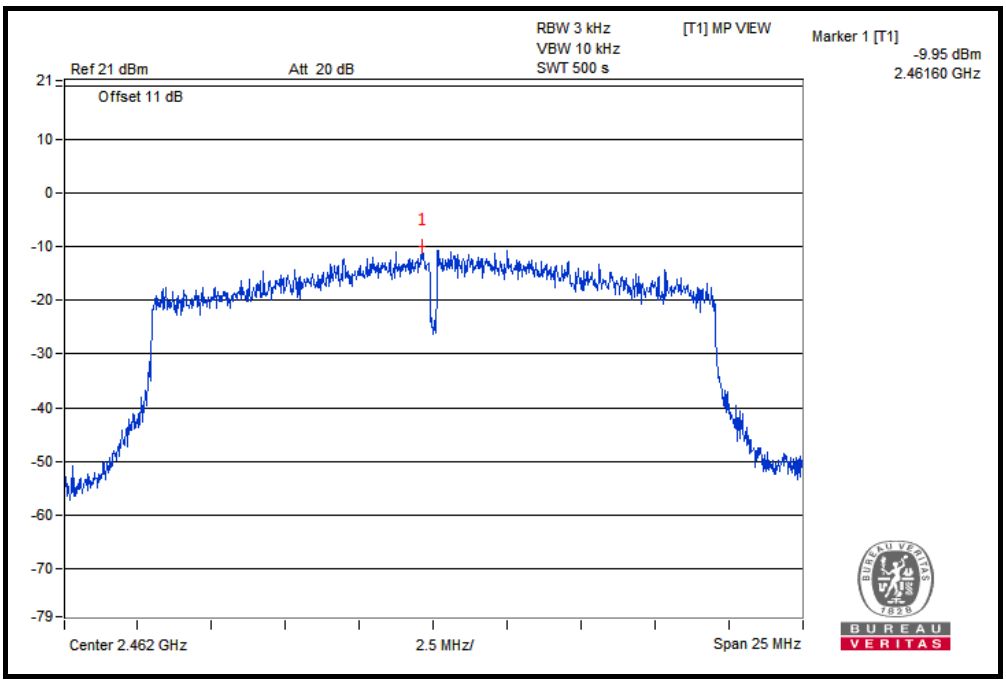
Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-8.66	8	PASS
6	2437	-8.97	8	PASS
11	2462	-8.10	8	PASS



802.11ax (20MHz)

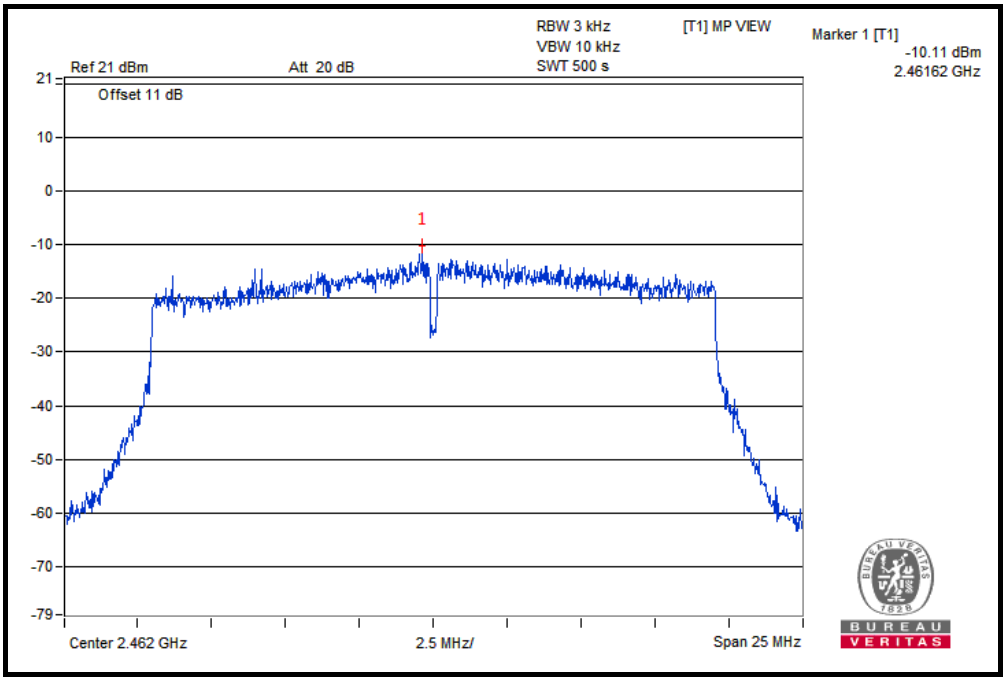
ANT 0

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-10.06	8	PASS
6	2437	-11.32	8	PASS
11	2462	-9.95	8	PASS



ANT 1

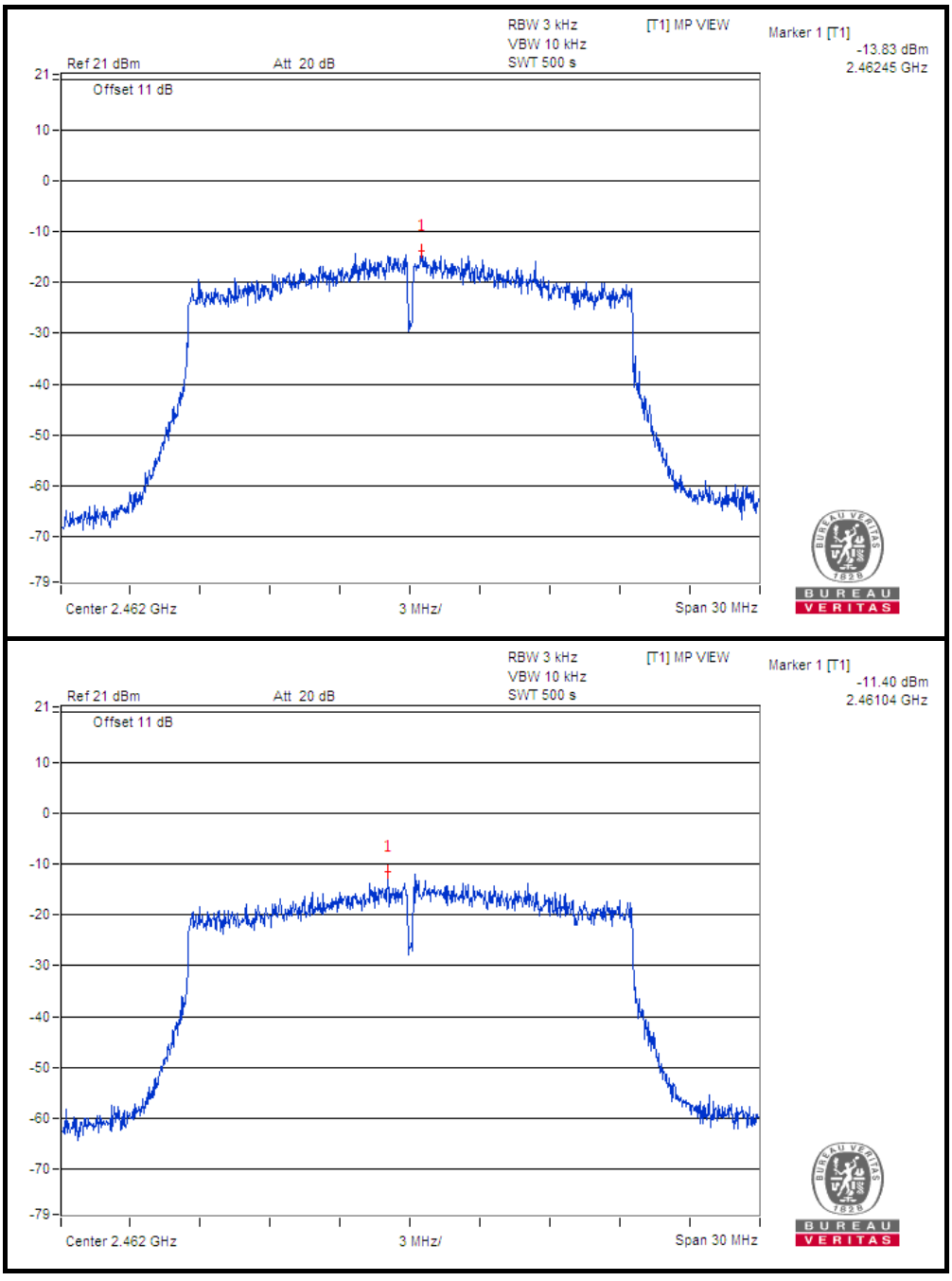
Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-13.17	8	PASS
6	2437	-12.19	8	PASS
11	2462	-10.11	8	PASS

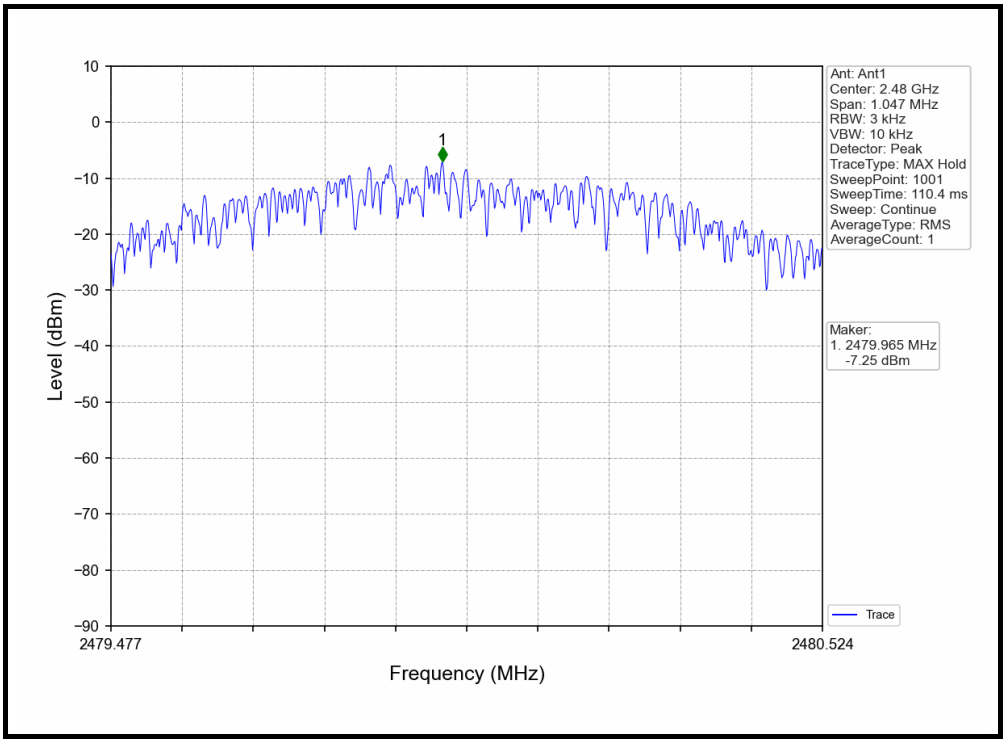


MIMO

802.11ax (20MHz)

Channel	FREQ. (MHz)	ANT0 PSD (dBm/3kHz)	ANT1 PSD (dBm/3kHz)	Total PSD (dBm/3kHz	Limit (dBm/3kHz)	PASS /FAIL
1	2412	-15.32	-12.73	-10.82	8	PASS
6	2437	-15.17	-12.09	-10.35	8	PASS
11	2462	-13.83	-11.40	-9.44	8	PASS


RBW 3 kHz
VBW 10 kHz
SWT 500 s
[T1] MP VIEW
Marker 1 [T1]
-13.83 dBm
2.46245 GHz
Ref 21 dBm
Att 20 dB
Offset 11 dB
21
10
0
-10
-20
-30
-40
-50
-60
-70
-79
Center 2.462 GHz
3 MHz/
Span 30 MHz
RBW 3 kHz
VBW 10 kHz
SWT 500 s
[T1] MP VIEW
Marker 1 [T1]
-11.40 dBm
2.46104 GHz
Ref 21 dBm
Att 20 dB
Offset 11 dB
Center 2.462 GHz
3 MHz/
Span 30 MHz

BT-LE (1MHz)

Channel	FREQ. (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	PASS /FAIL
0	2402	-8.27	8	PASS
19	2440	-9.01	8	PASS
39	2480	-7.25	8	PASS