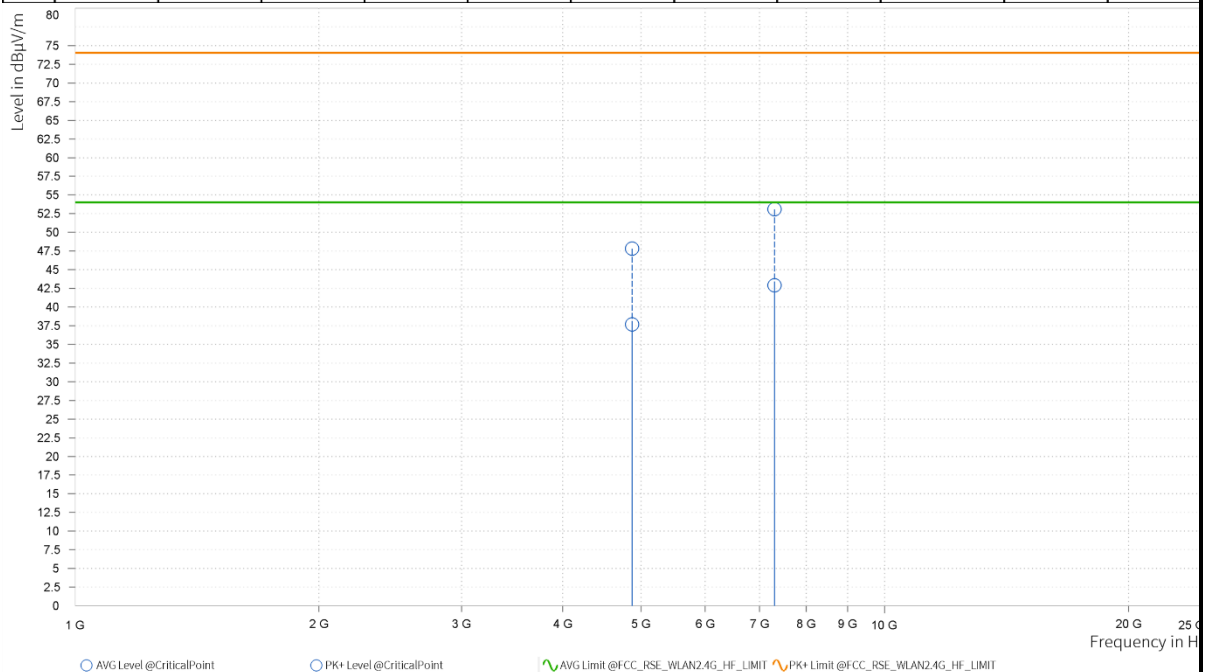




ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	4,874.000	47.82	74.0	26.18	37.65	54.0	16.35	13.53	V	267.5	2.0
2	7,311.000	53.08	74.0	20.92	42.89	54.0	11.11	18.89	V	267.5	2.0



REMARKS:

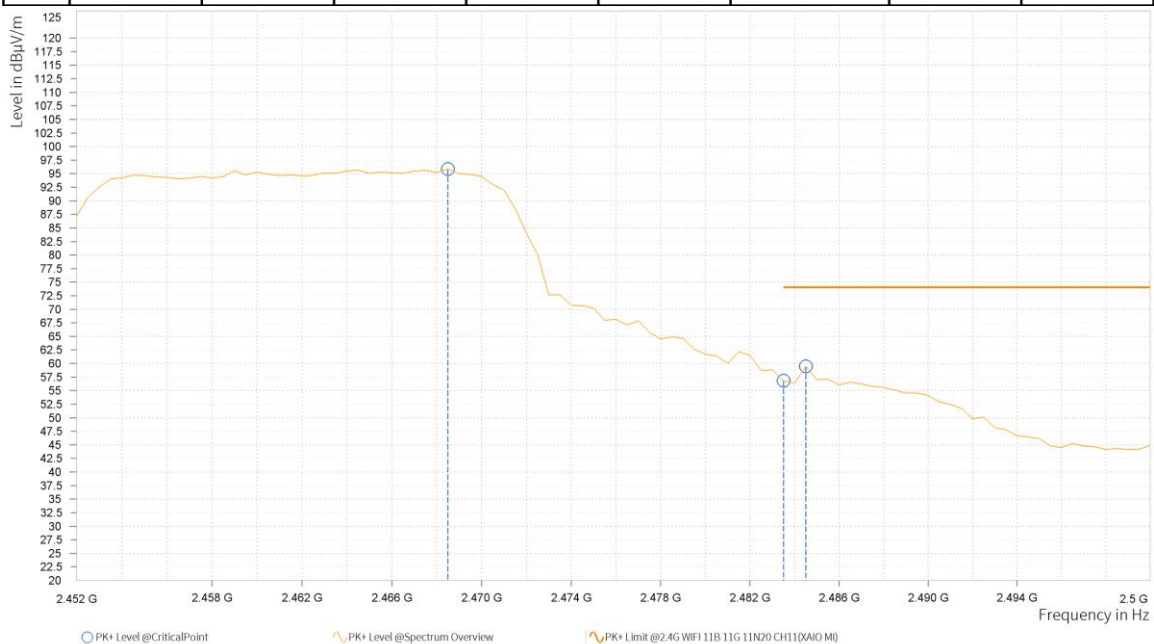
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Limit value- Emission level.
- 2437MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

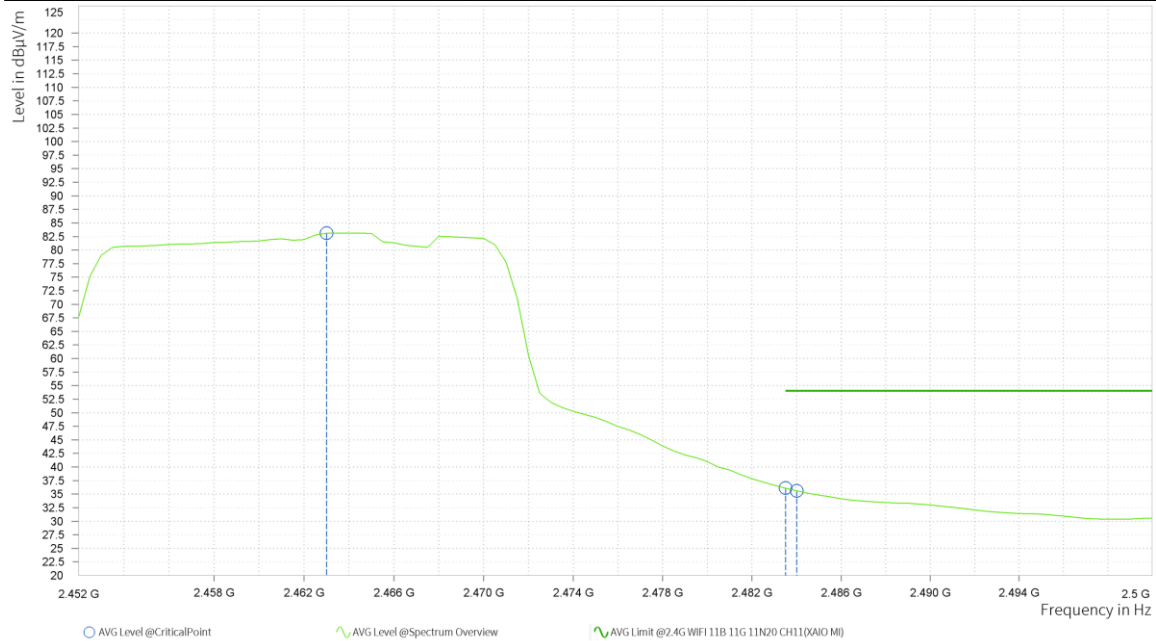
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	2,468.500	95.87			5.82	H	165.4	1.0
2	2,483.500	56.83	74.0	17.17	5.91	H	249.1	1.0
2	2,484.500	59.48	74.0	14.52	5.92	H	249.1	1.0





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

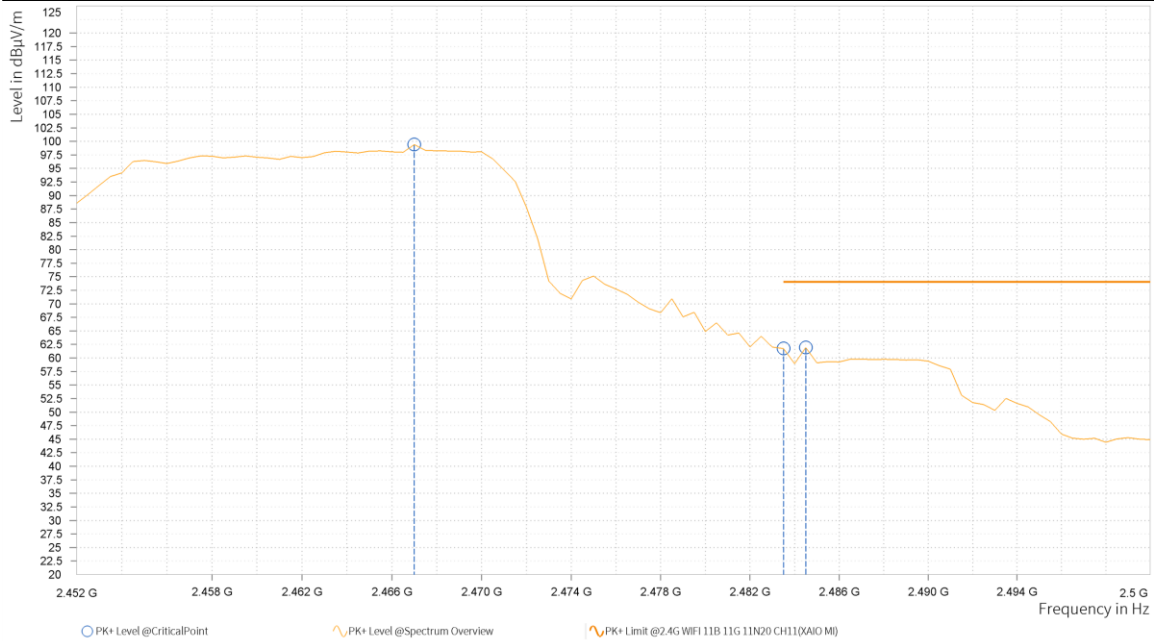
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	2,463.000	83.1			5.82	H	167.8	1.0
2	2,483.500	36.1	54.0	17.9	5.91	H	252.6	1.0
2	2,484.000	35.62	54.0	18.38	5.92	H	252.6	1.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

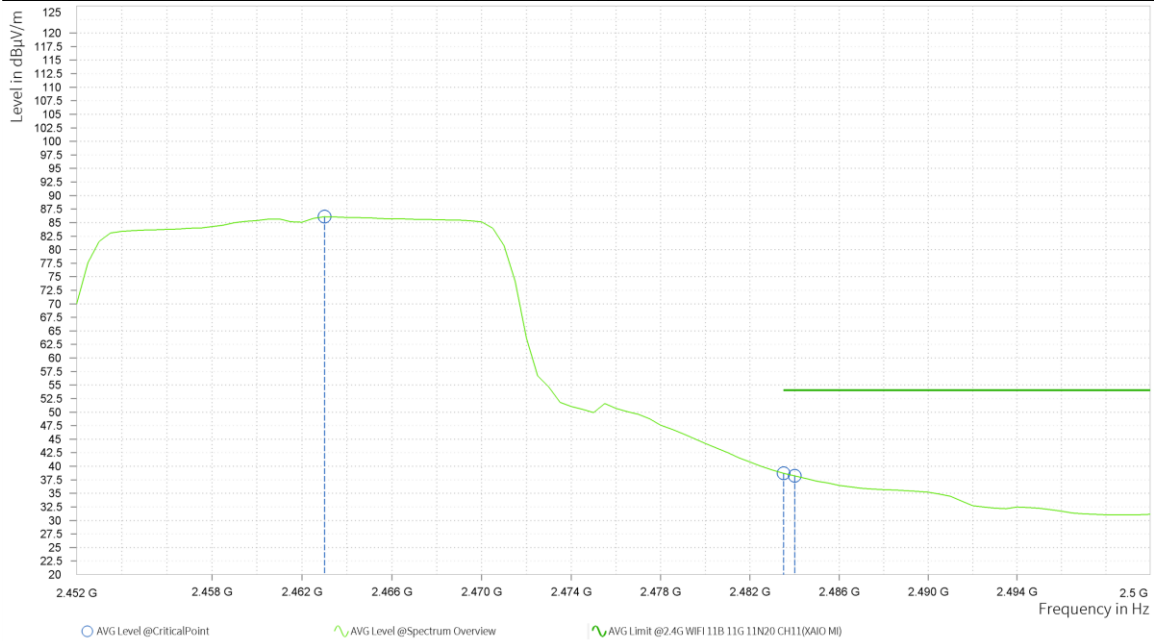
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	2,467.000	99.4			5.81	V	109.6	2.0
2	2,483.500	61.74	74.0	12.26	5.91	V	109.6	2.0
2	2,484.500	61.93	74.0	12.07	5.92	V	109.6	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	2,463.000	86.08			5.82	V	108.5	2.0
2	2,483.500	38.71	54.0	15.29	5.91	V	108.5	2.0
2	2,484.000	38.23	54.0	15.77	5.92	V	108.5	2.0



REMARKS:

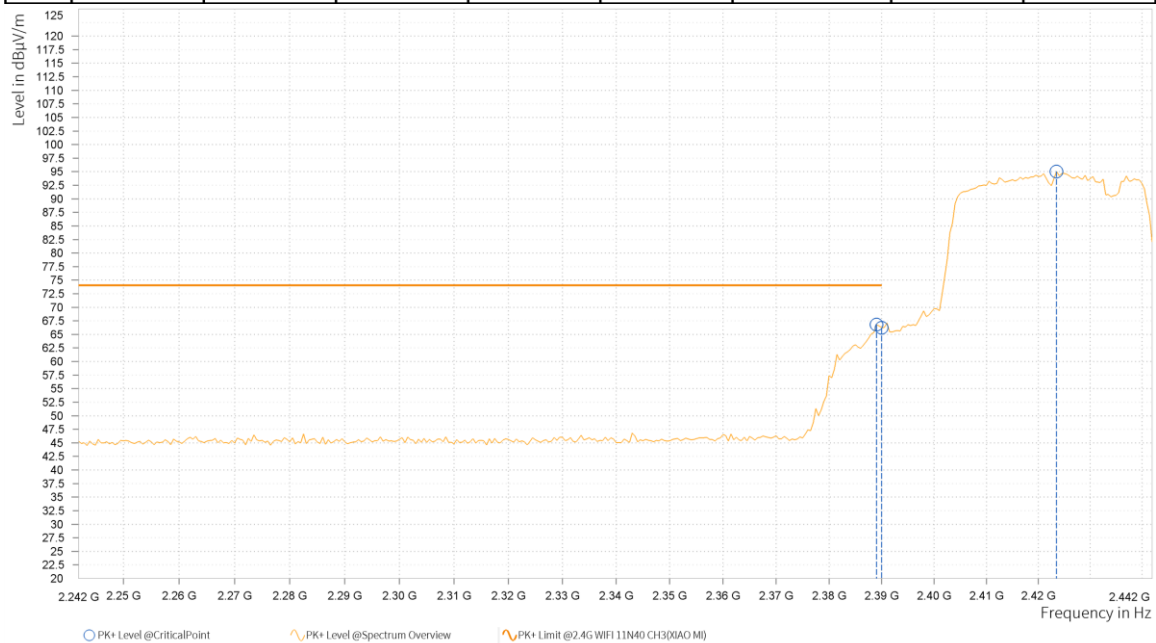
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Limit value- Emission level.
- 2462MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

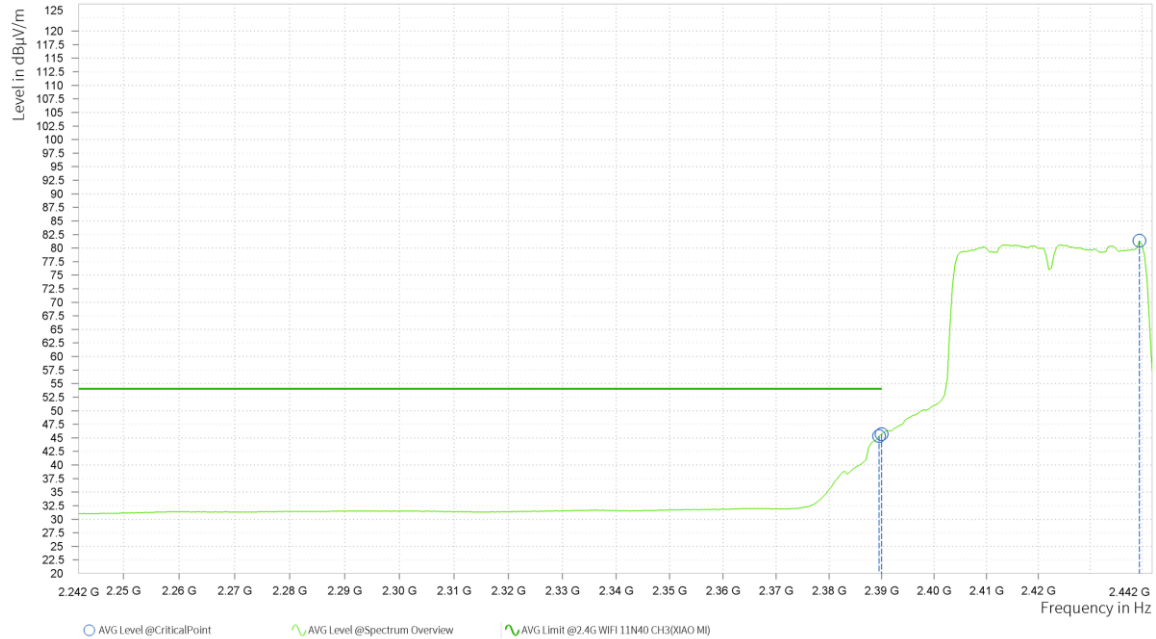
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	2,389.000	66.81	74.0	7.19	5.76	H	170.2	1.0
3	2,390.000	66.22	74.0	7.78	5.77	H	170.2	1.0
3	2,423.500	95.05			5.95	H	355.1	2.0





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

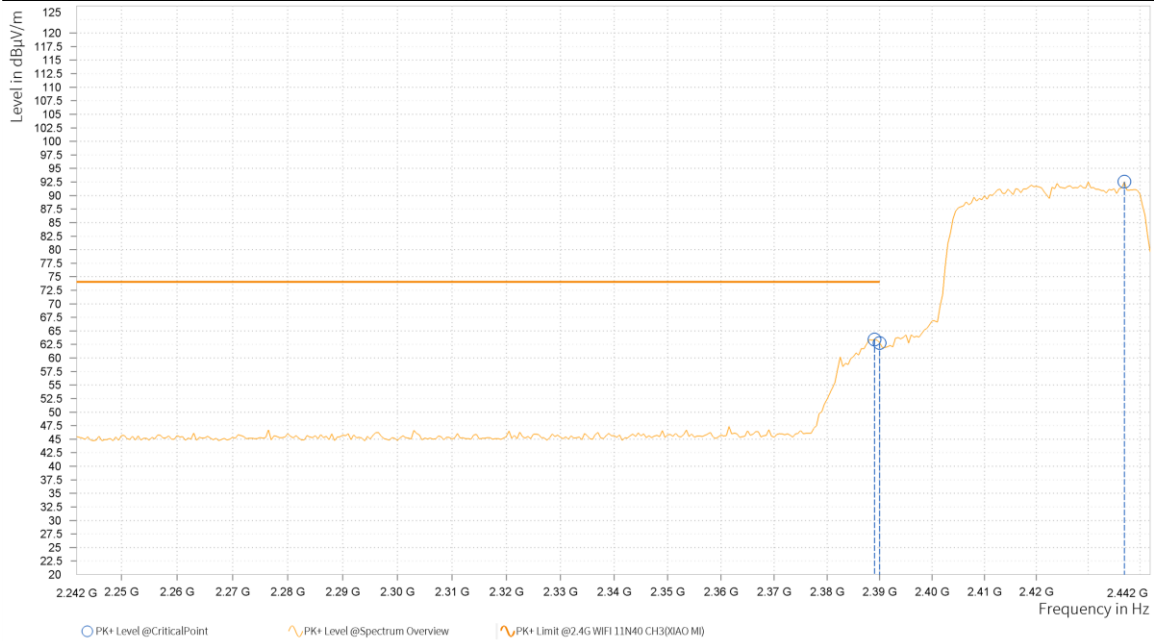
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	2,389.500	45.36	54.0	8.64	5.77	H	166.6	1.0
3	2,390.000	45.72	54.0	8.28	5.77	H	166.6	1.0
3	2,439.500	81.33			5.91	H	253.8	1.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dB μ V/m]	PK+ Limit [dB μ V/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	2,389.000	63.42	74.0	10.58	5.76	V	4.9	1.0
3	2,390.000	62.78	74.0	11.22	5.77	V	4.9	1.0
3	2,437.000	92.54			5.92	V	277.0	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	2,389.500	40.33	54.0	13.67	5.77	V	4.9	1.0
3	2,390.000	40.73	54.0	13.27	5.77	V	4.9	1.0
3	2,439.500	80.58			5.91	V	150.3	2.0



REMARKS:

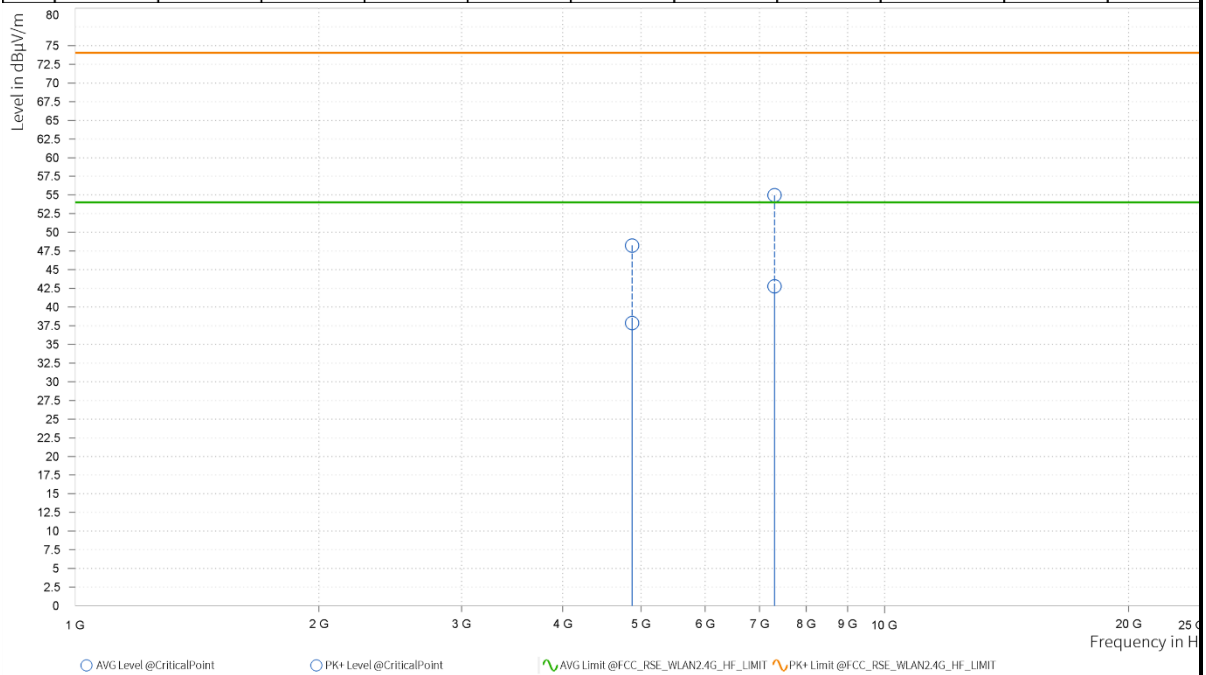
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Limit value- Emission level.
- 2412MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

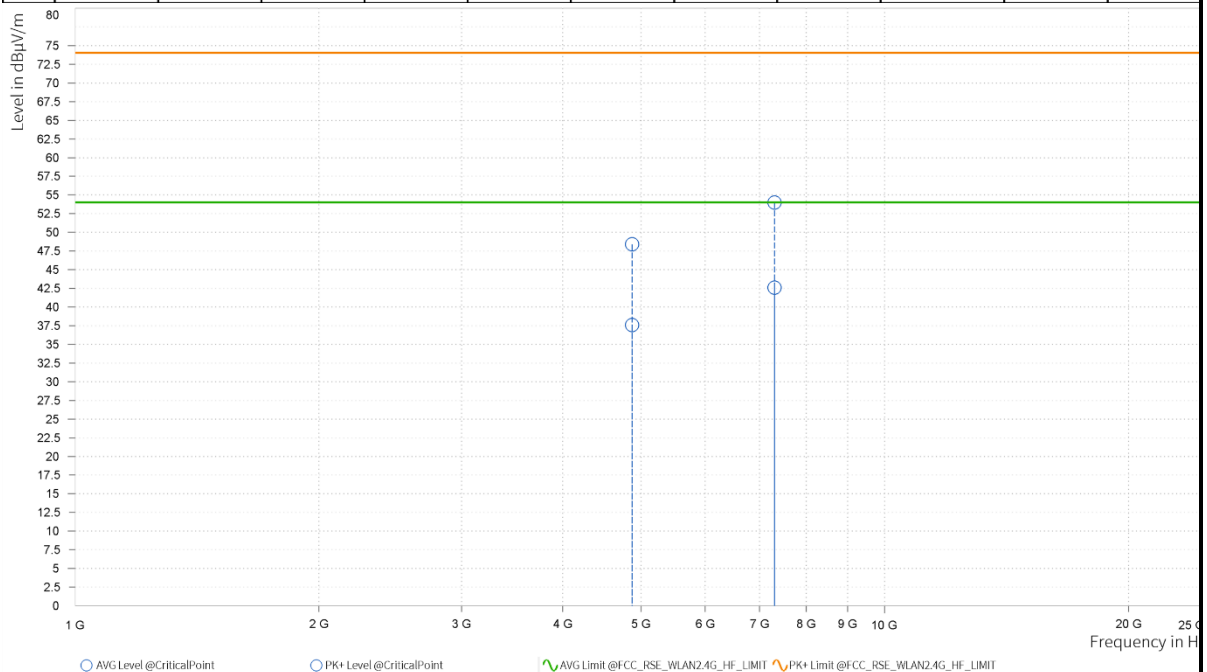
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	4,874.000	48.23	74.0	25.77	37.83	54.0	16.17	13.53	H	1	2.0
2	7,311.000	54.97	74.0	19.03	42.77	54.0	11.23	18.89	H	359	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	4,874.000	48.4	74.0	25.6	37.57	54.0	16.43	13.53	V	359.0	2.0
2	7,311.000	54.0	74.0	20.0	42.61	54.0	11.39	18.89	V	93.7	1.0



REMARKS:

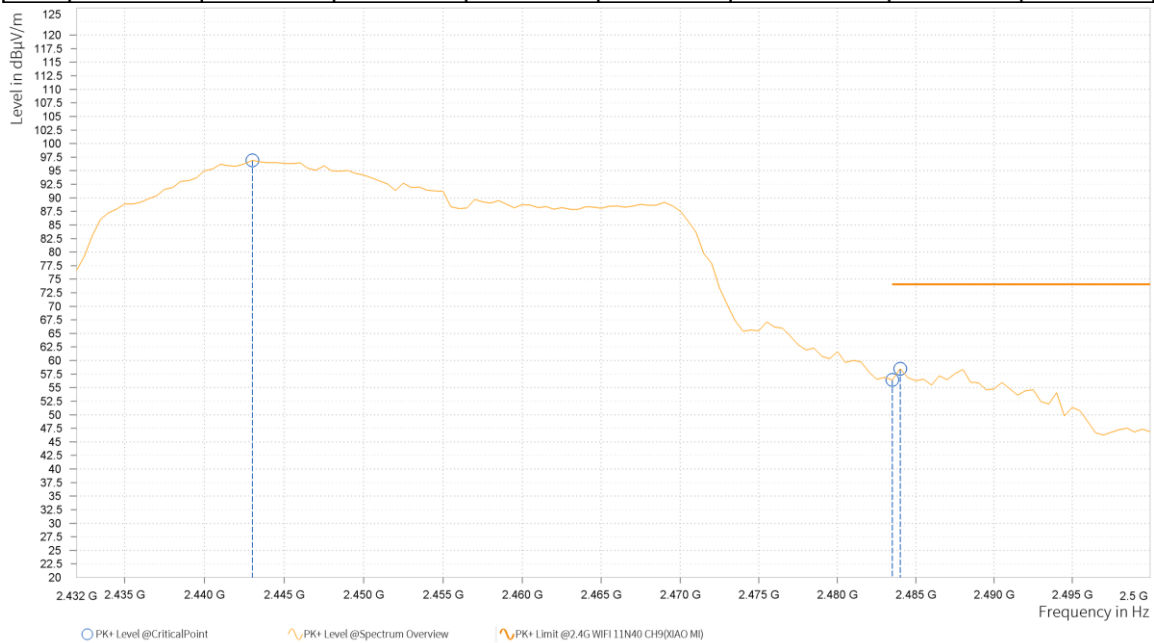
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor Margin value = Limit value- Emission level.
- 2437MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	2,443.000	96.91			5.91	H	169.0	1.0
4	2,483.500	56.43	74.0	17.57	5.91	H	106.2	2.0
4	2,484.000	58.49	74.0	15.51	5.92	H	4.3	1.0





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

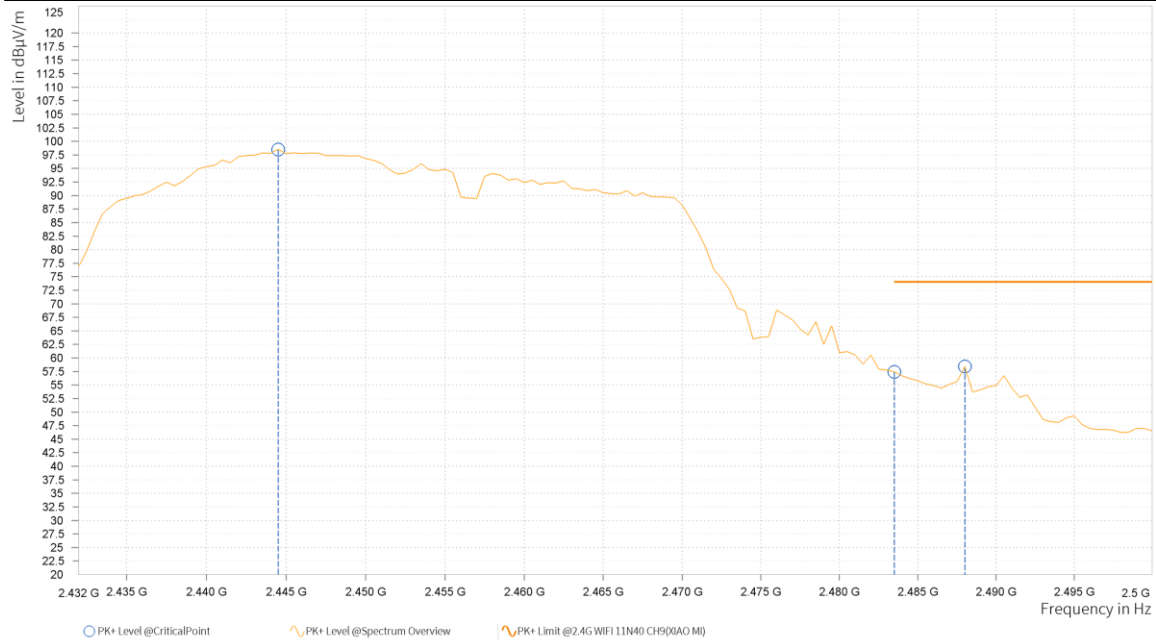
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	2,443.000	82.8			5.91	H	169.0	1.0
4	2,483.500	36.58	54.0	17.42	5.91	H	4.9	1.0
4	2,489.500	36.21	54.0	17.79	5.95	H	4.9	1.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	2,444.500	98.51			5.9	V	104.9	2.0
4	2,483.500	57.45	74.0	16.55	5.91	V	104.9	2.0
4	2,488.000	58.43	74.0	15.57	5.94	V	104.9	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	2,445.500	85.71			5.9	V	96.5	2.0
4	2,483.500	34.66	54.0	19.34	5.91	V	12.9	2.0
4	2,484.000	34.5	54.0	19.5	5.92	V	12.9	2.0



REMARKS:

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



BELOW 1GHz WORST-CASE DATA:

30 MHz – 1GHz data:

BT-LE_2M

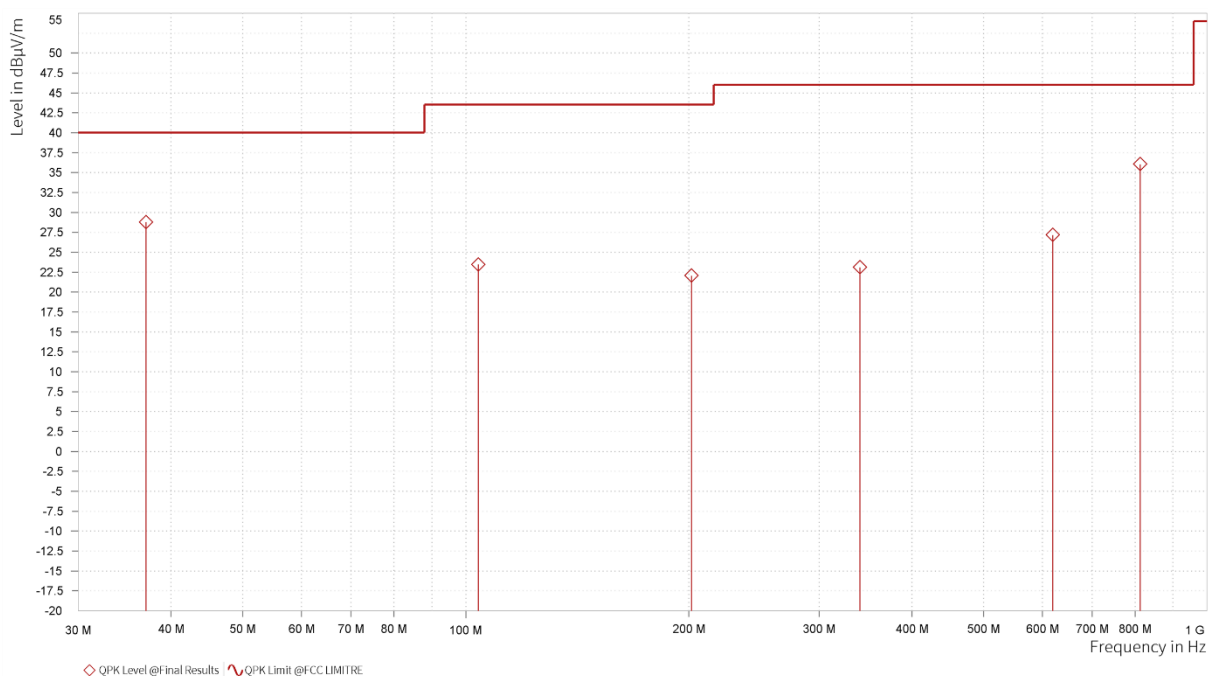
CHANNEL	TX Channel 19	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	37.033	28.78	40.0	11.22	-5.69	H	33.2	2.0	120.0
1	103.963	23.45	43.5	20.05	-5.8	H	159.4	1.0	120.0
1	201.642	22.05	43.5	21.45	-5.11	H	355.1	2.0	120.0
1	340.109	23.1	46.0	22.9	0.57	H	1.0	1.0	120.0
1	619.566	27.17	46.0	18.83	2.71	H	33.2	2.0	120.0
1	812.548	36.04	46.0	9.96	5.52	H	355.1	2.0	120.0

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





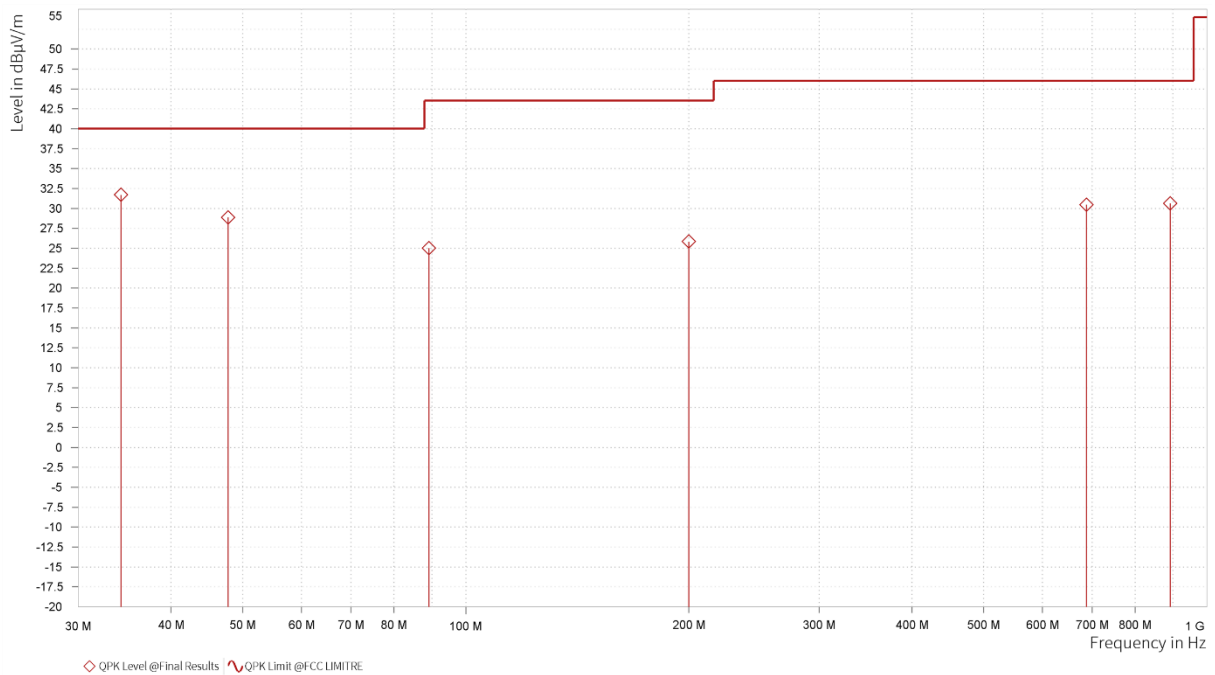
CHANNEL	TX Channel 19	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	QPK Level [dBμV/m]	QPK Limit [dBμV/m]	QPK Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]	Meas. BW [kHz]
1	34.268	31.7	40.0	8.3	-8.34	V	199.4	2.0	120.0
1	47.8	28.86	40.0	11.14	-4.55	V	199.4	2.0	120.0
1	89.219	25.01	43.5	18.49	-7.5	V	325.5	1.0	120.0
1	199.993	25.83	43.5	17.67	-5.7	V	359.0	1.0	120.0
1	687.563	30.46	46.0	15.54	3.11	V	5.5	1.0	120.0
1	892.233	30.62	46.0	15.38	6.91	V	1.0	2.0	120.0

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





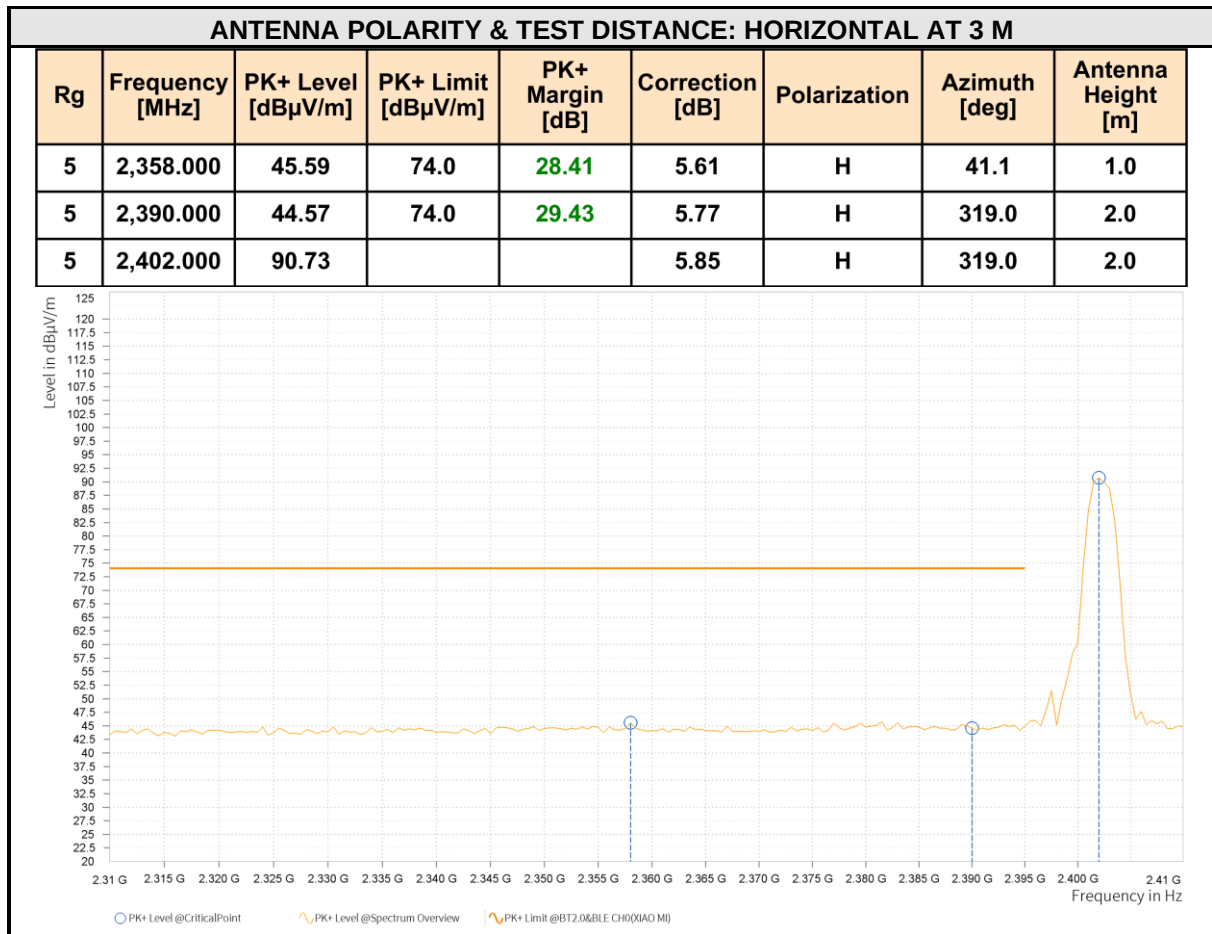
BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF09
ABOVE 1GHz TEST DATA

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

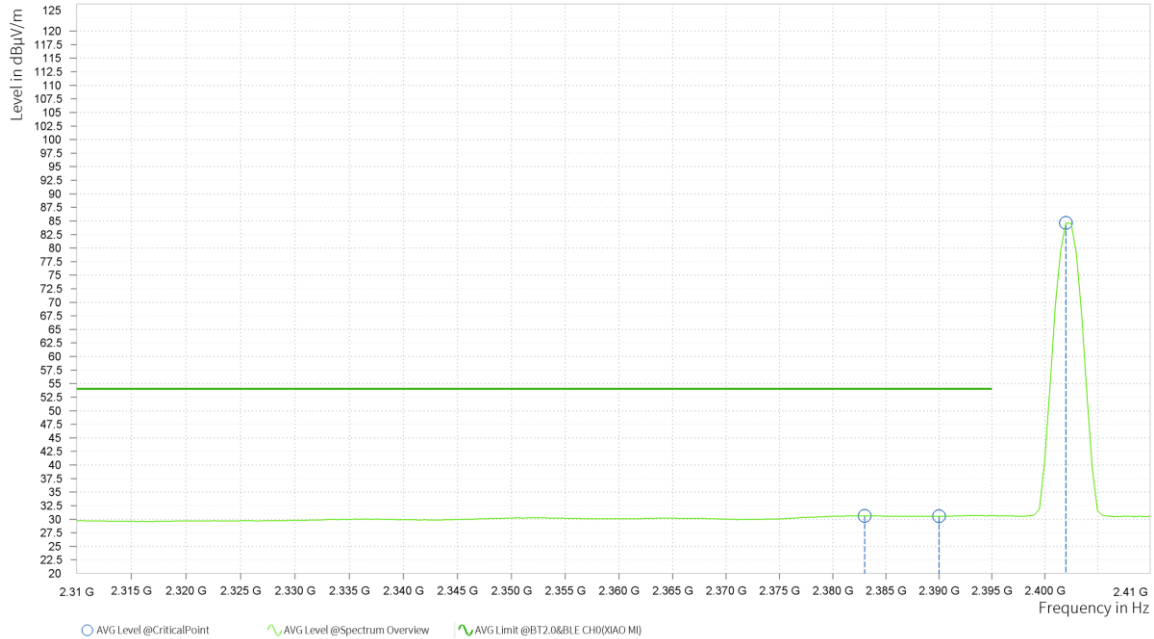
CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

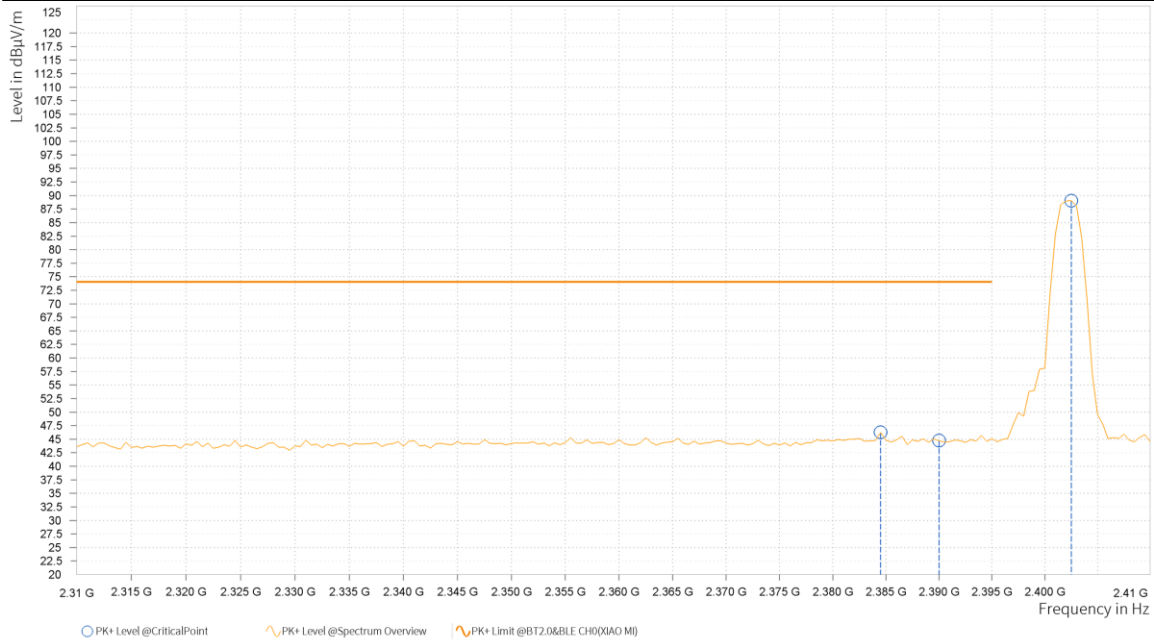
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,383.000	30.62	54.0	23.38	5.72	H	1.0	1.0
5	2,390.000	30.56	54.0	23.44	5.77	H	0.9	2.0
5	2,402.000	84.63			5.85	H	317.7	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dB μ V/m]	PK+ Limit [dB μ V/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,384.500	46.27	74.0	27.73	5.73	V	41.1	1.0
5	2,390.000	44.73	74.0	29.27	5.77	V	41.1	1.0
5	2,402.500	89.06			5.86	V	132.4	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,383.500	30.61	54.0	23.39	5.73	V	330.4	1.0
5	2,390.000	30.53	54.0	23.47	5.77	V	179.0	2.0
5	2,402.000	84.8			5.85	V	131.2	2.0



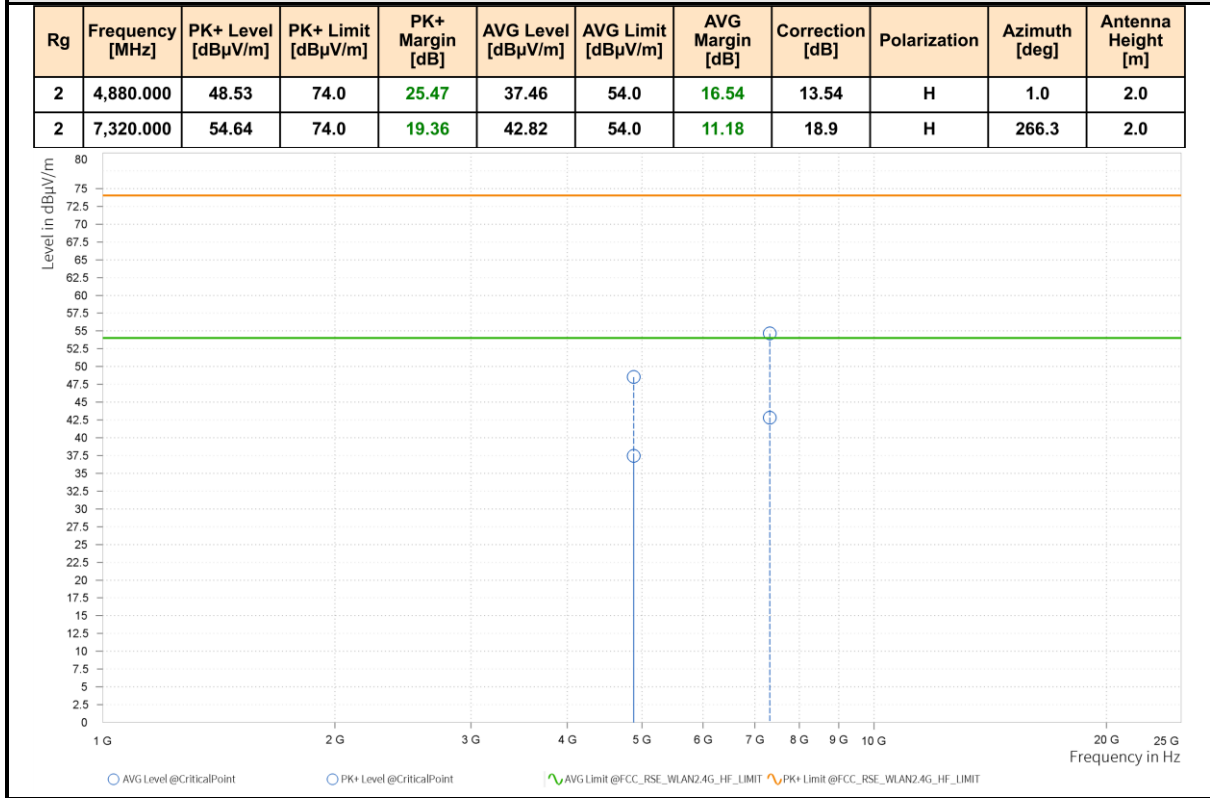
REMARKS:

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



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

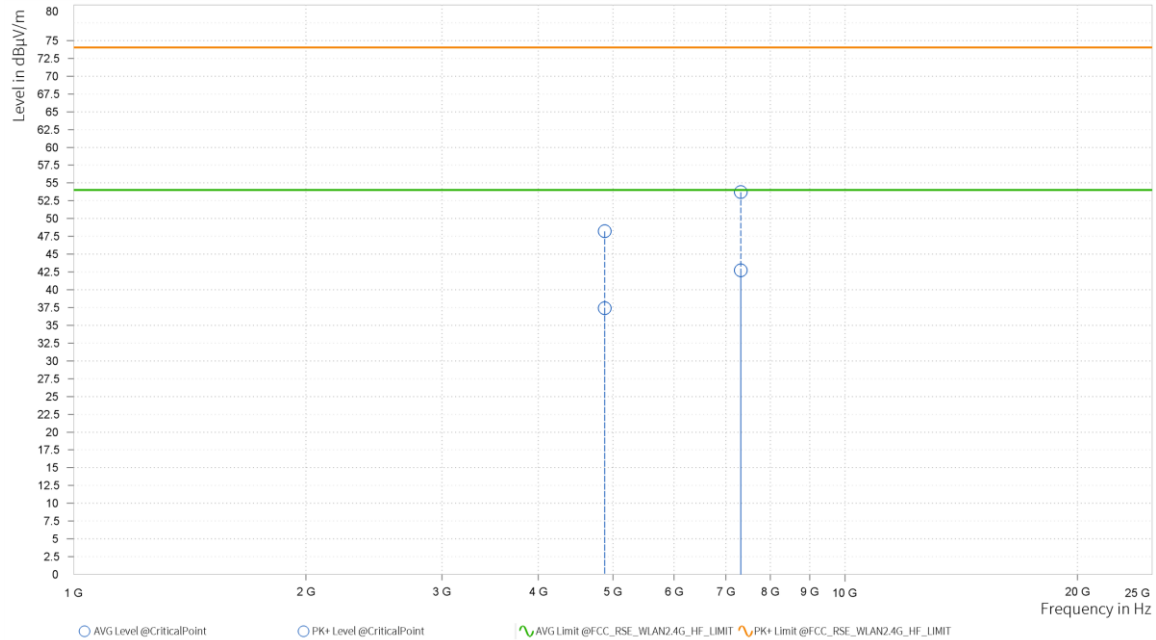
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	4,880.000	48.21	74.0	25.79	37.4	54.0	16.6	13.54	V	0.9	2.0
2	7,320.000	53.72	74.0	20.28	42.72	54.0	11.28	18.9	V	266.3	2.0



REMARKS:

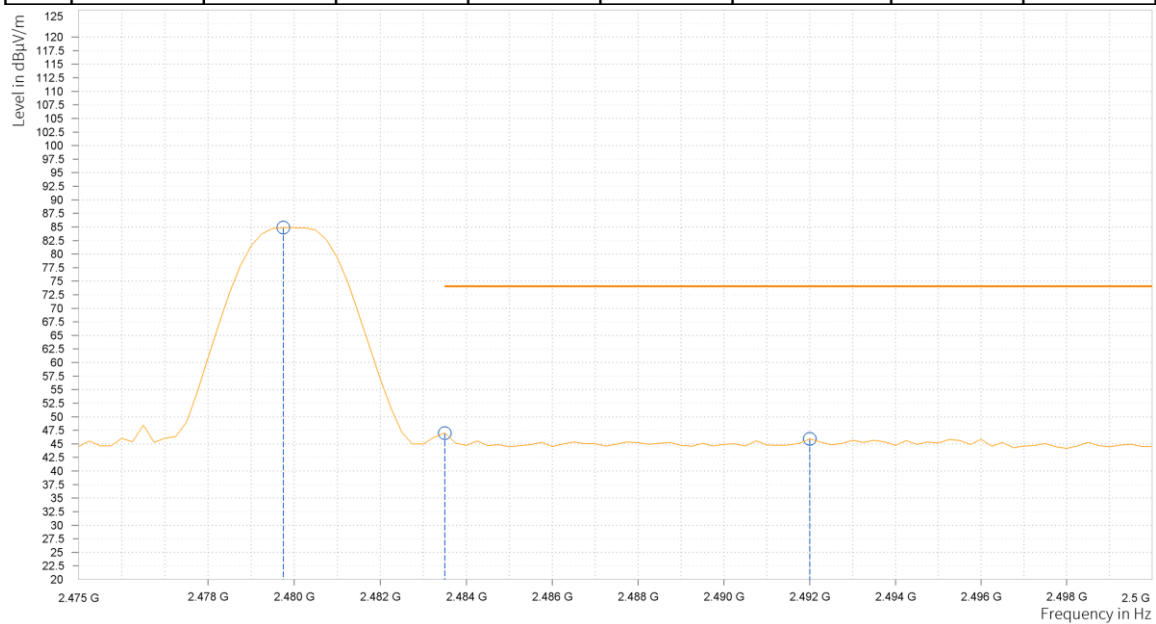
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value–Emission level.
- 2440MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

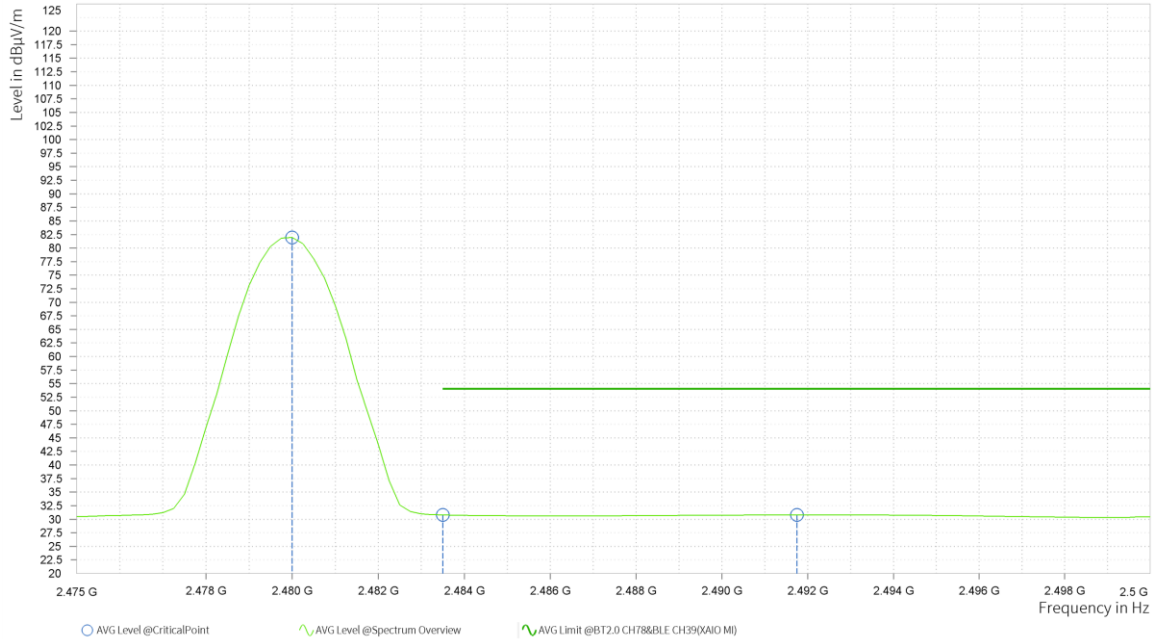
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	2,479.750	84.86			5.89	H	220.9	2.0
6	2,483.500	47.0	74.0	27.0	5.91	H	220.9	2.0
6	2,492.000	45.92	74.0	28.08	5.97	H	0.9	2.0





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

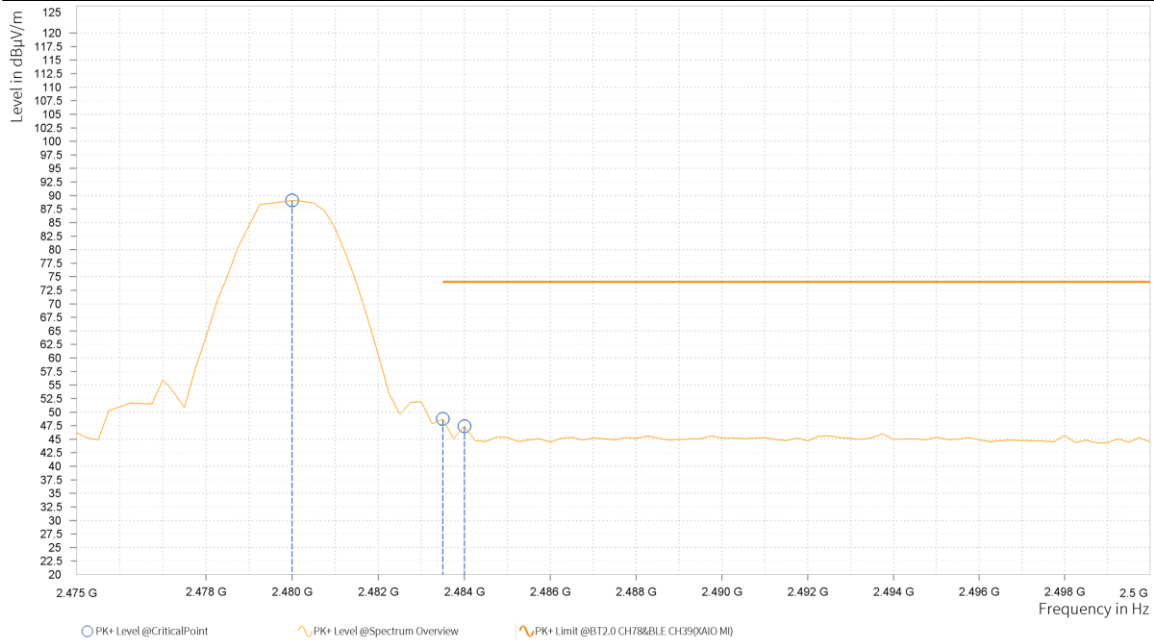
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	2,480.000	81.95			5.89	H	293.8	2.0
6	2,483.500	30.81	54.0	23.19	5.91	H	149.1	2.0
6	2,491.750	30.82	54.0	23.18	5.97	H	293.8	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

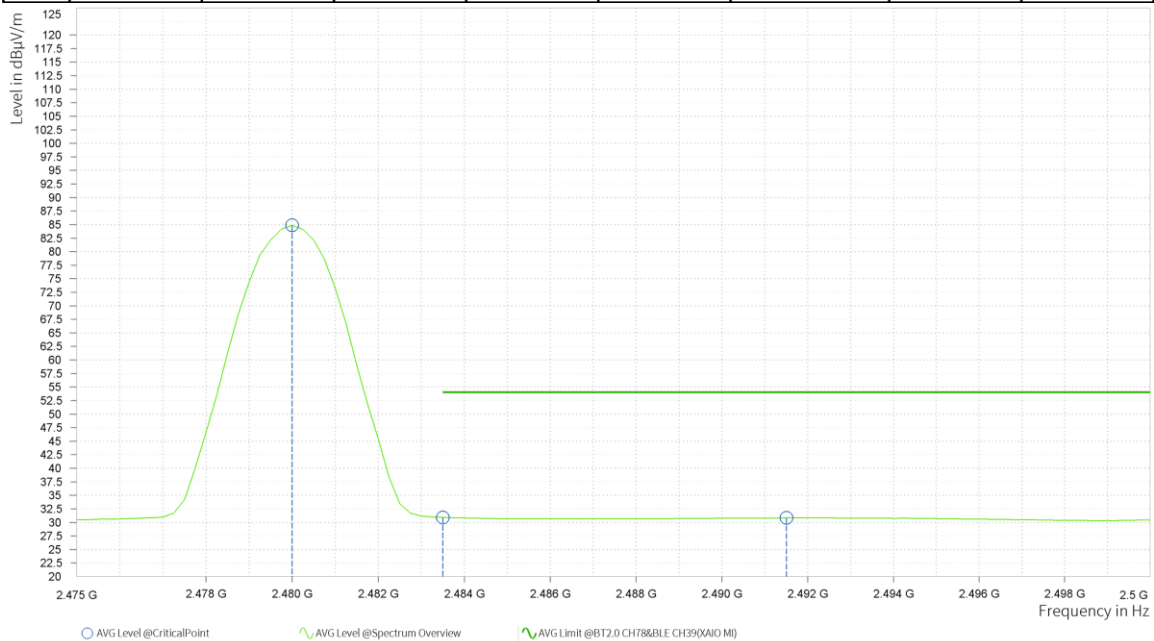
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	2,480.000	89.09			5.89	V	292.6	2.0
6	2,483.500	48.73	74.0	25.27	5.91	V	292.6	2.0
6	2,484.000	47.41	74.0	26.59	5.92	V	77.4	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	2,480.000	84.86			5.89	V	292.6	2.0
6	2,483.500	30.93	54.0	23.07	5.91	V	292.6	2.0
6	2,491.500	30.84	54.0	23.16	5.97	V	149.2	2.0



REMARKS:

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

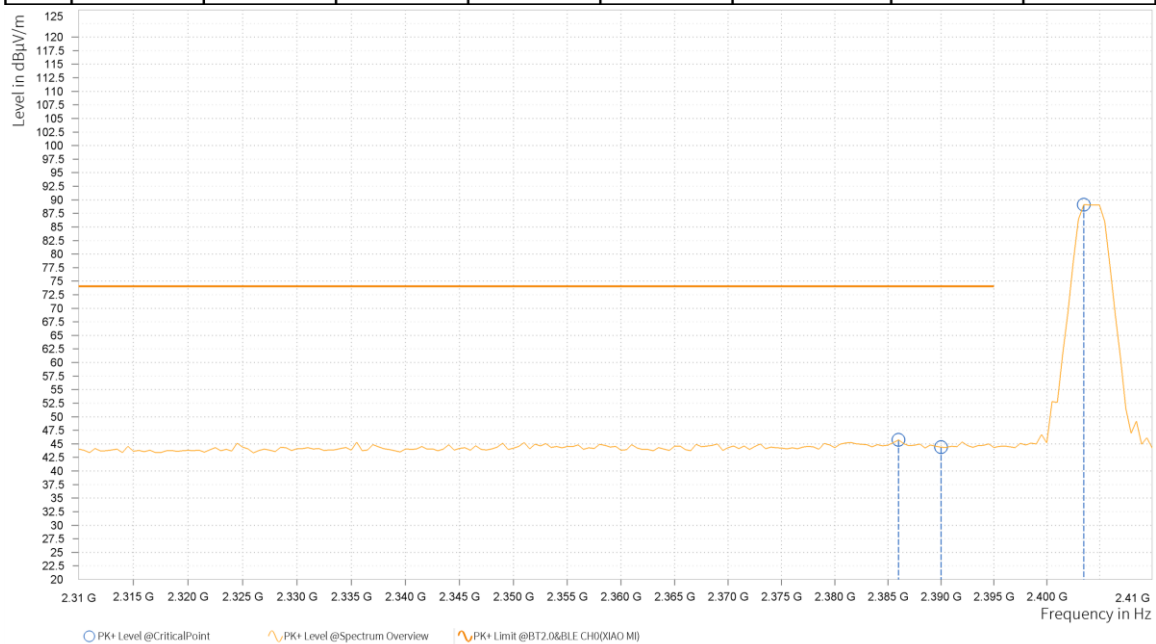


BT-LE_2M

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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,386.000	45.75	74.0	28.25	5.74	H	7.8	1.0
5	2,390.000	44.38	74.0	29.62	5.77	H	0.9	2.0
5	2,403.500	89.09			5.86	H	312.9	2.0





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

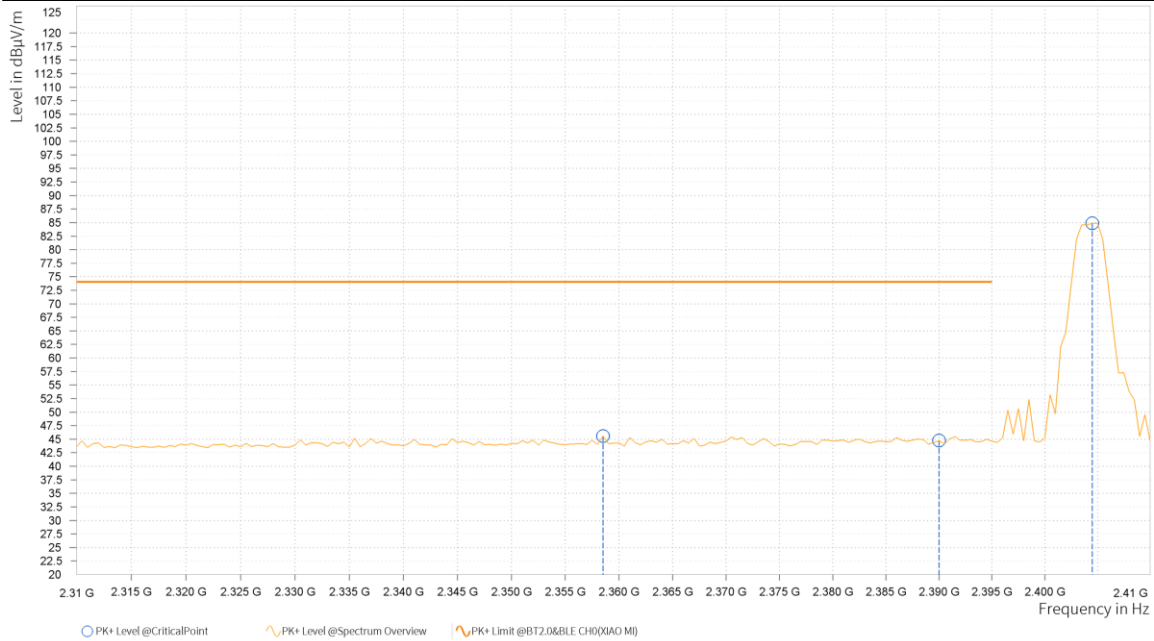
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,384.500	30.64	54.0	23.36	5.73	H	317.7	2.0
5	2,390.000	30.58	54.0	23.42	5.77	H	1.0	1.0
5	2,404.000	79.2			5.87	H	234.8	1.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dB μ V/m]	PK+ Limit [dB μ V/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,358.500	45.59	74.0	28.41	5.61	V	222.1	2.0
5	2,390.000	44.76	74.0	29.24	5.77	V	170.6	2.0
5	2,404.500	84.87			5.87	V	121.7	2.0





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,385.000	30.64	54.0	23.36	5.74	V	66.6	2.0
5	2,390.000	30.61	54.0	23.39	5.77	V	173.0	2.0
5	2,404.500	75.75			5.87	V	47.0	1.0



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value–Emission level.
- 2404MHz: Fundamental frequency.



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

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

