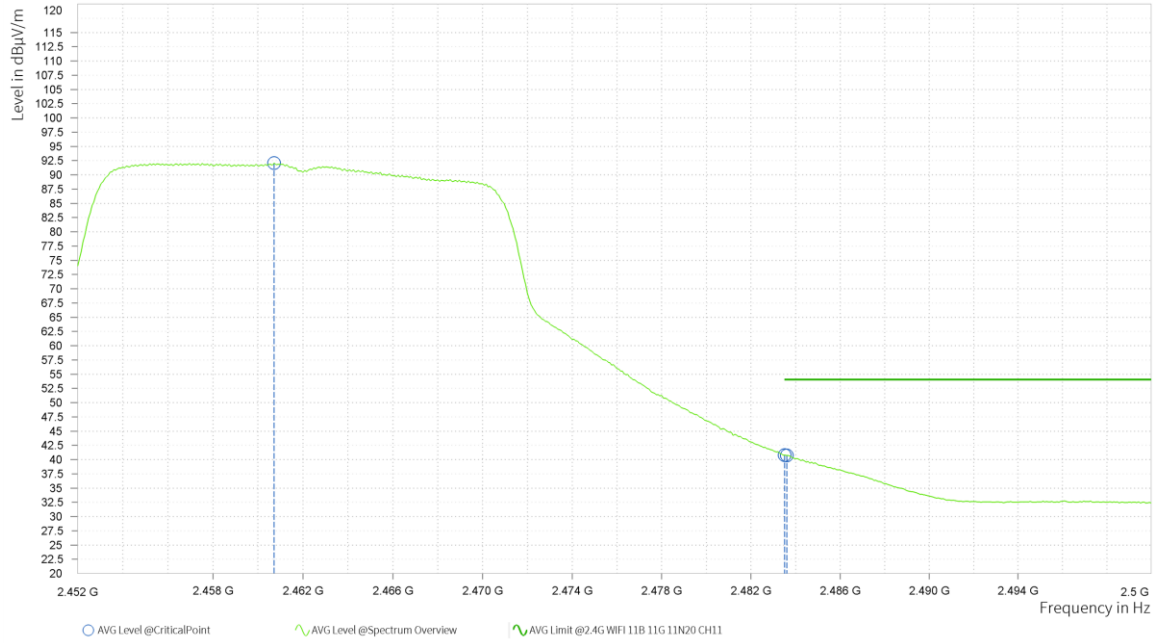
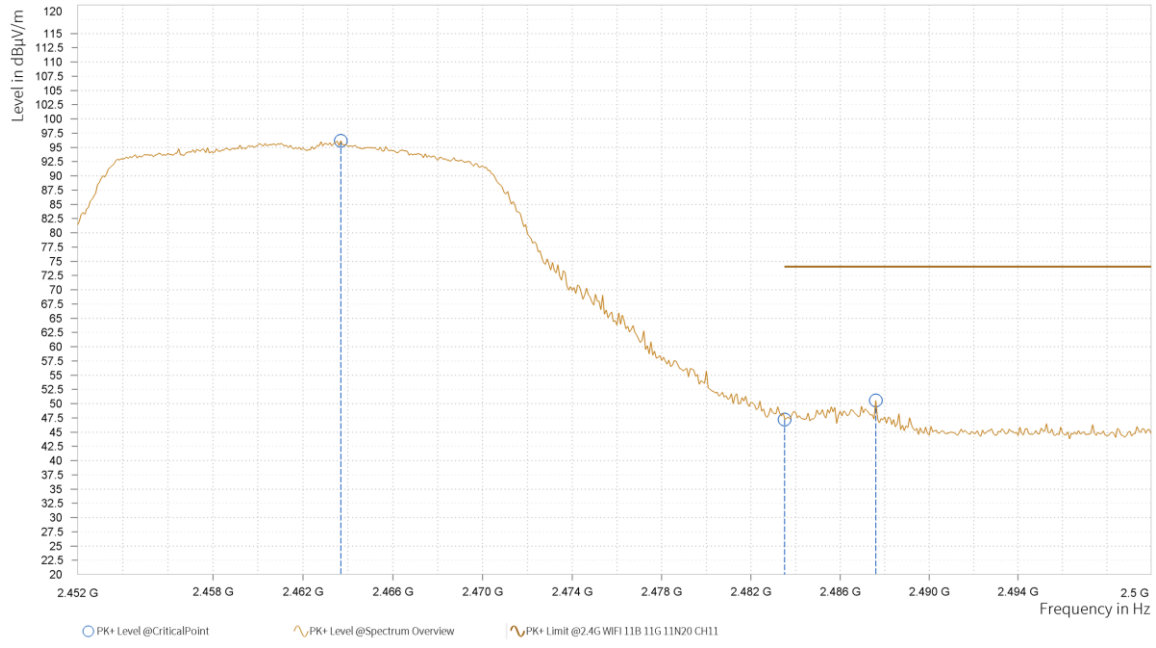
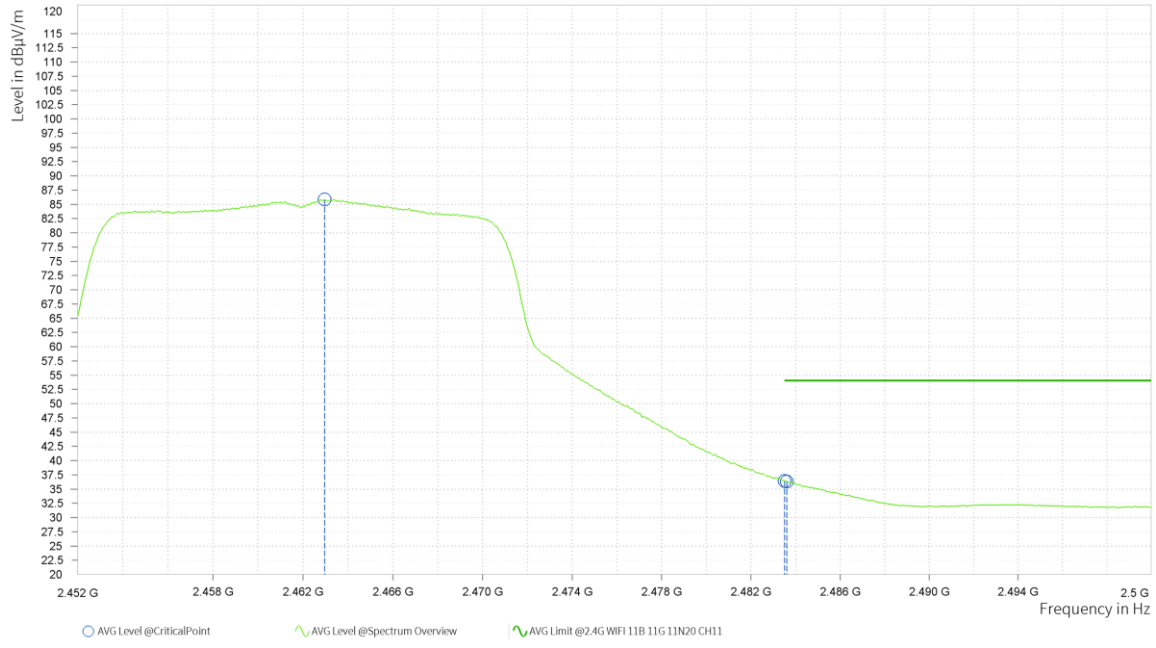
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	2,460.720	92.08			7.41	H	59.2	2.00
2	2,483.500	40.81	54.00	13.19	7.18	H	109.5	2.00
2	2,483.600	40.70	54.00	13.30	7.18	H	109.5	2.00



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	2,463.680	96.15			7.44	V	312.8	1.00
2	2,483.500	47.23	74.00	26.77	7.18	V	312.8	1.00
2	2,487.600	50.57	74.00	23.43	7.11	V	1.1	2.00



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	2,462.960	85.88			7.43	V	5.1	1.00
2	2,483.500	36.40	54.00	17.60	7.18	V	199.1	1.00
2	2,483.600	36.31	54.00	17.69	7.18	V	199.1	1.00



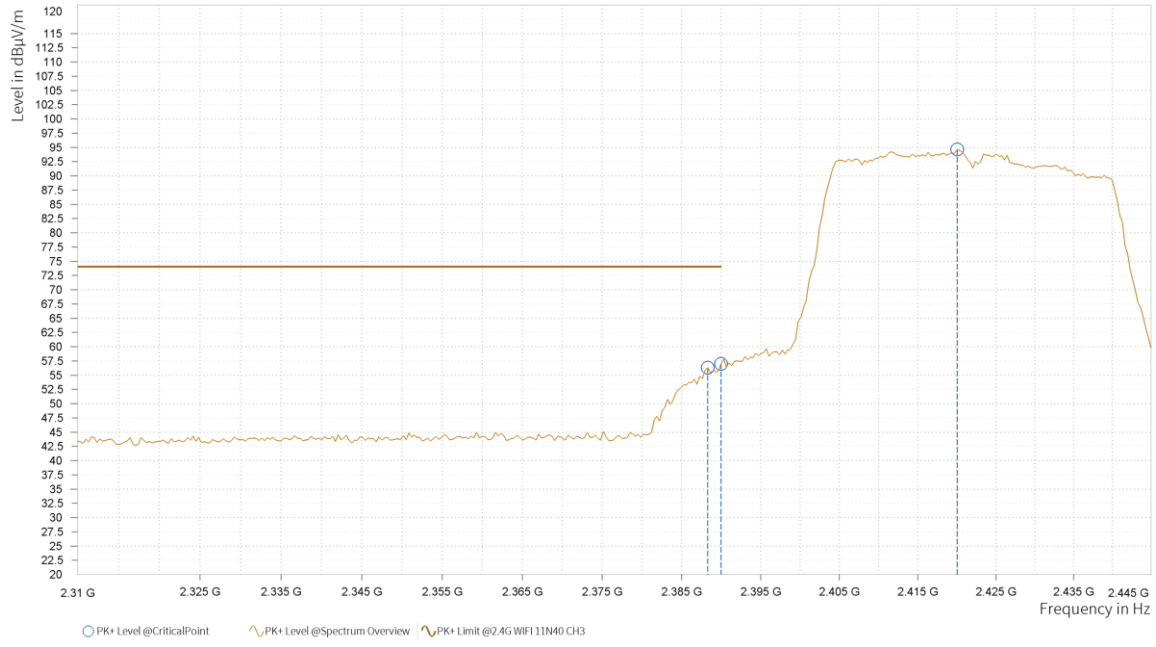
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 2462MHz: Fundamental frequency.

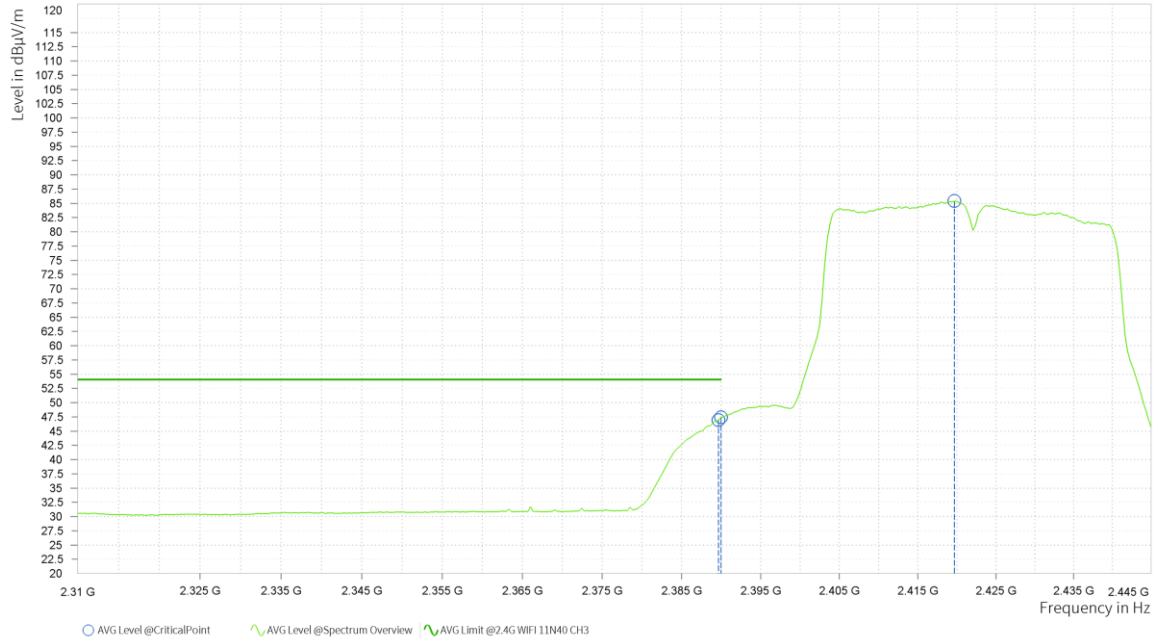
802.11n (40MHz)			
CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

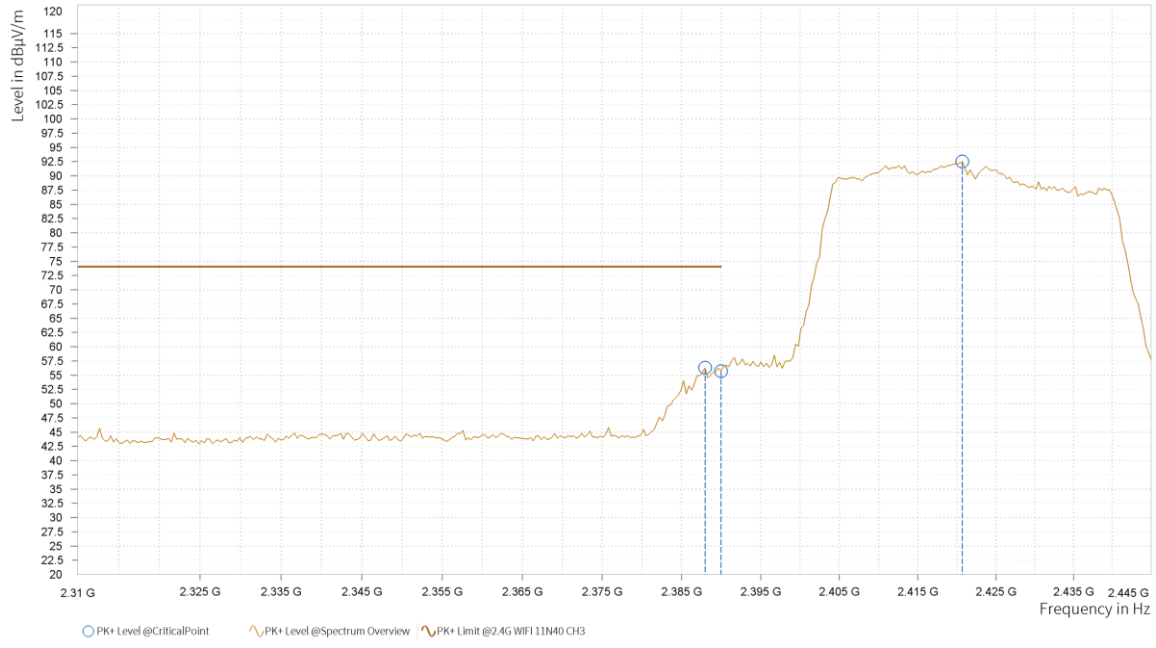
Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	2,388.300	56.33	74.00	17.67	6.36	H	4.5	1.00
3	2,390.000	57.01	74.00	16.99	6.39	H	4.5	1.00
3	2,420.025	94.65			6.90	H	4.5	1.00



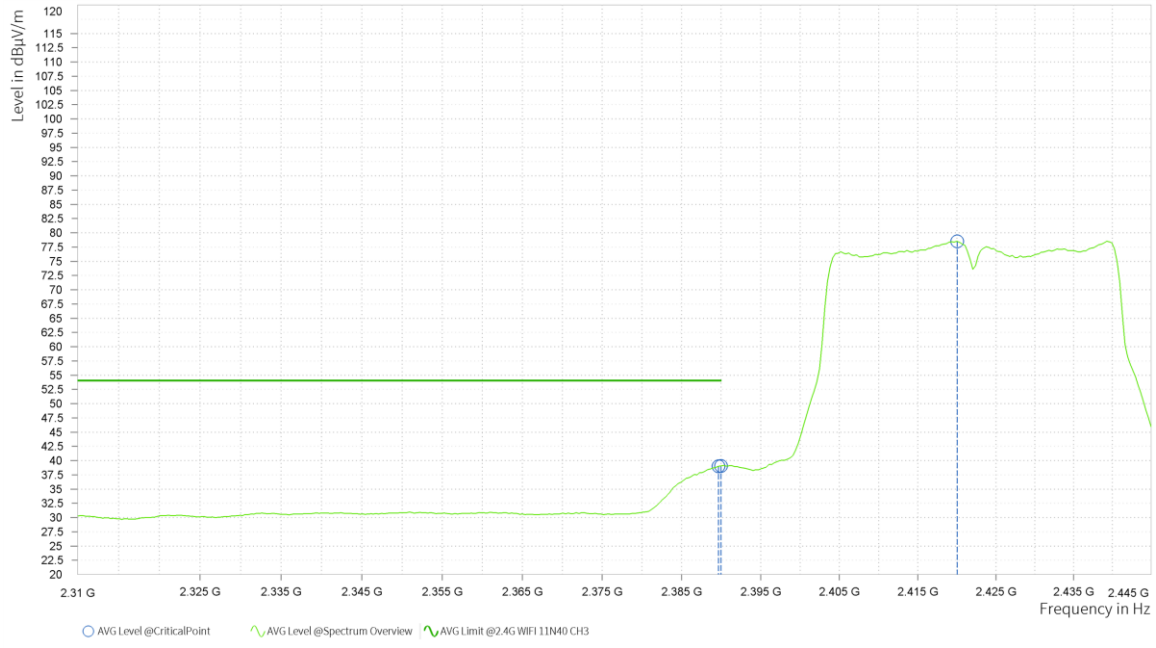
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	2,389.650	46.92	54.00	7.08	6.38	H	260.1	2.00
3	2,390.000	47.42	54.00	6.58	6.39	H	260.1	2.00
3	2,419.688	85.39			6.89	H	260.1	2.00



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]
3	2,387.963	56.30	74.00	17.70	6.35	V	47.3	1.00
3	2,390.000	55.69	74.00	18.31	6.39	V	47.3	1.00
3	2,420.700	92.53			6.91	V	47.3	1.00



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	2,389.650	38.99	54.00	15.01	6.38	V	279.2	1.00
3	2,390.000	39.07	54.00	14.93	6.39	V	279.2	1.00
3	2,420.025	78.50			6.90	V	279.2	1.00



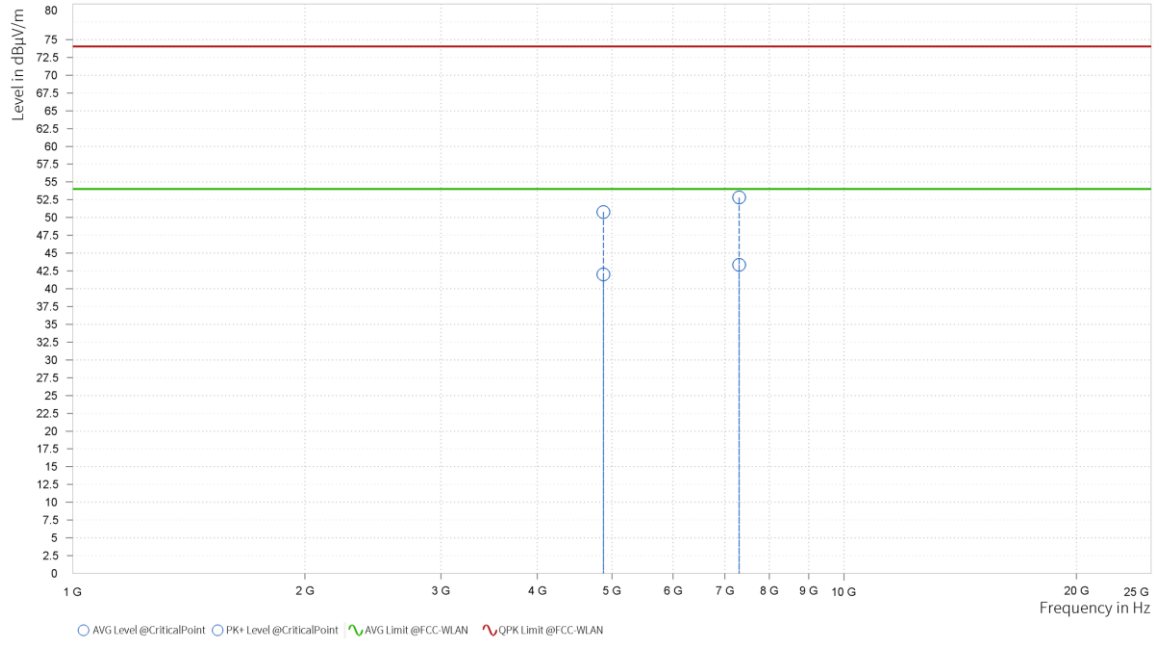
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 2412MHz: Fundamental frequency.

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

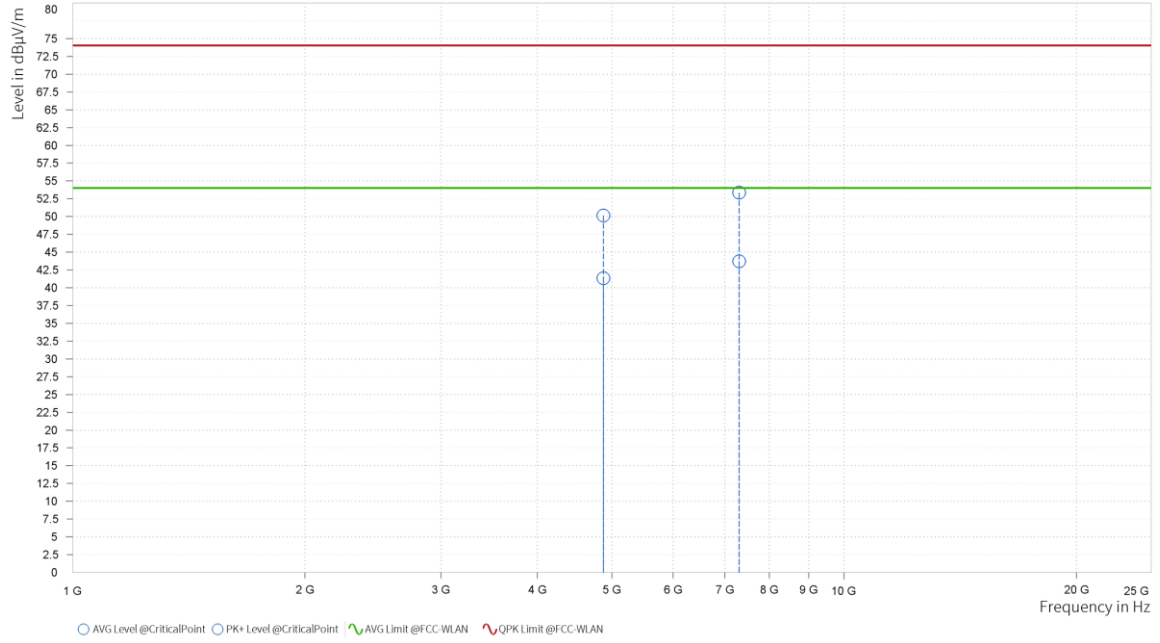
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK 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]
3	4,874.000	50.78	74.00	23.22	42.00	54.00	12.00	13.85	H	359	2.00
3	7,311.000	52.81	74.00	21.19	43.35	54.00	10.65	19.48	H	0.9	2.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK 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]
3	4,874.000	50.16	74.00	23.84	41.36	54.00	12.64	13.85	V	359	2.00
3	7,311.000	53.35	74.00	20.65	43.72	54.00	10.28	19.48	V	359	1.00



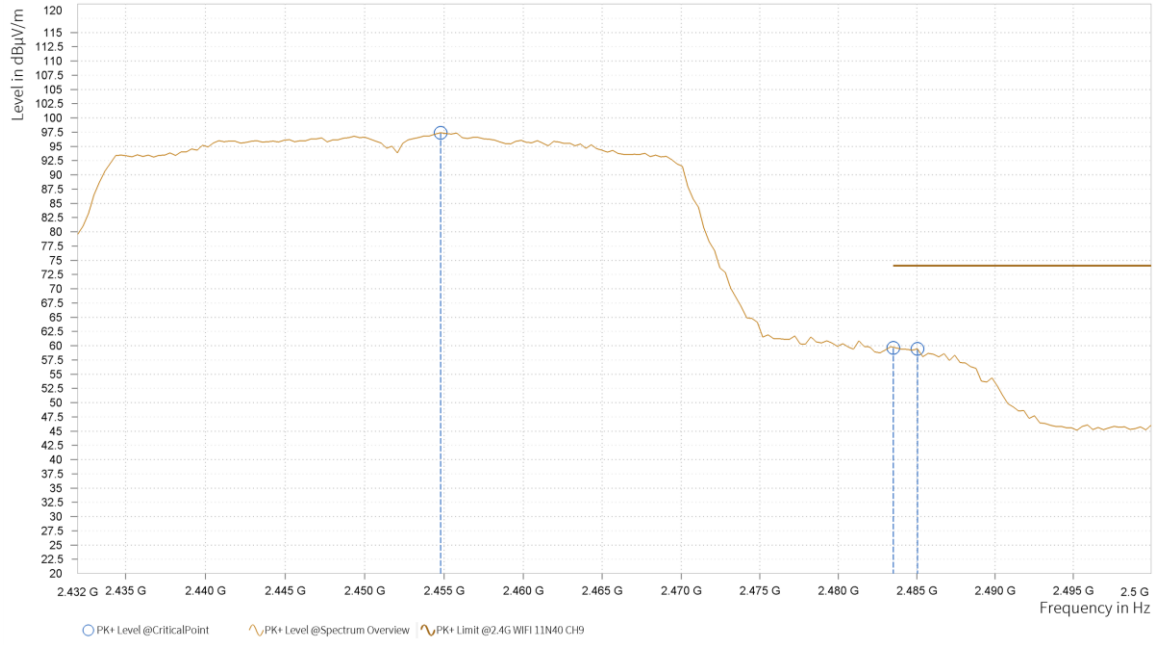
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 2437MHz: Fundamental frequency.

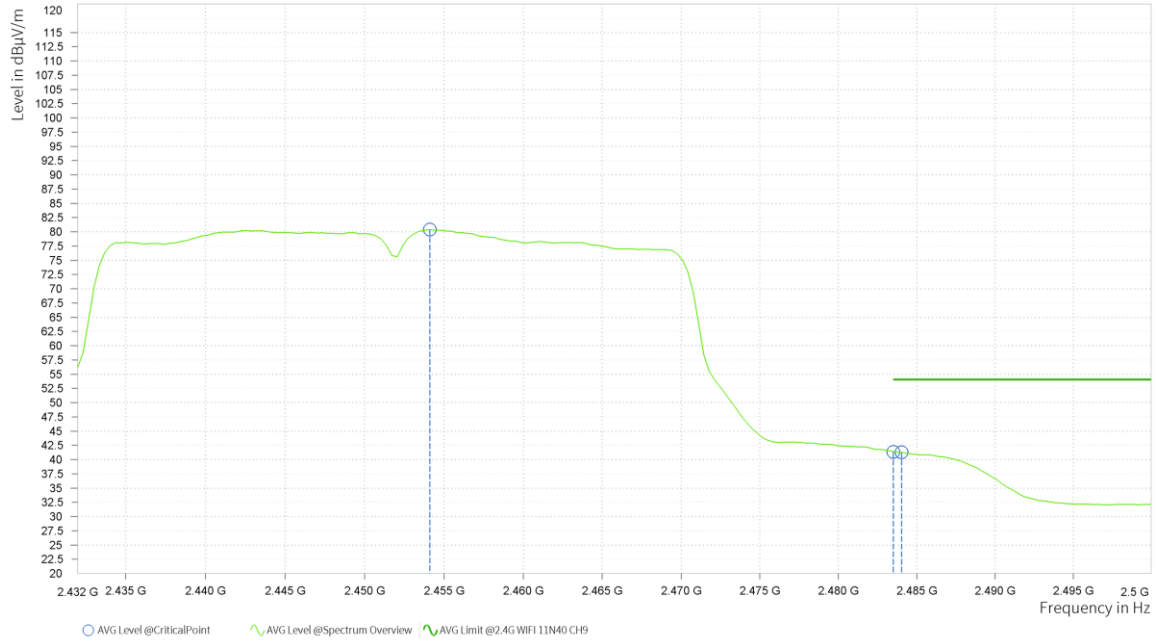
CHANNEL	TX Channel 9	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

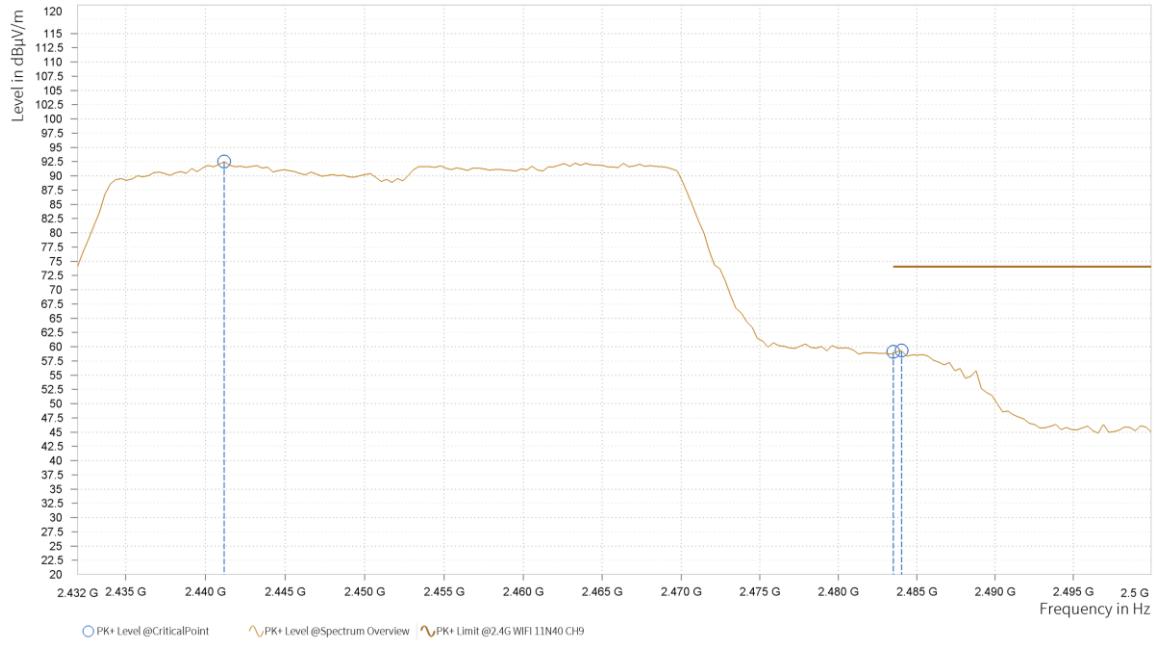
Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	2,454.780	97.40			7.35	H	266.1	2.00
4	2,483.500	59.60	74.00	14.40	7.17	H	266.1	2.00
4	2,485.040	59.44	74.00	14.56	7.15	H	266.1	2.00



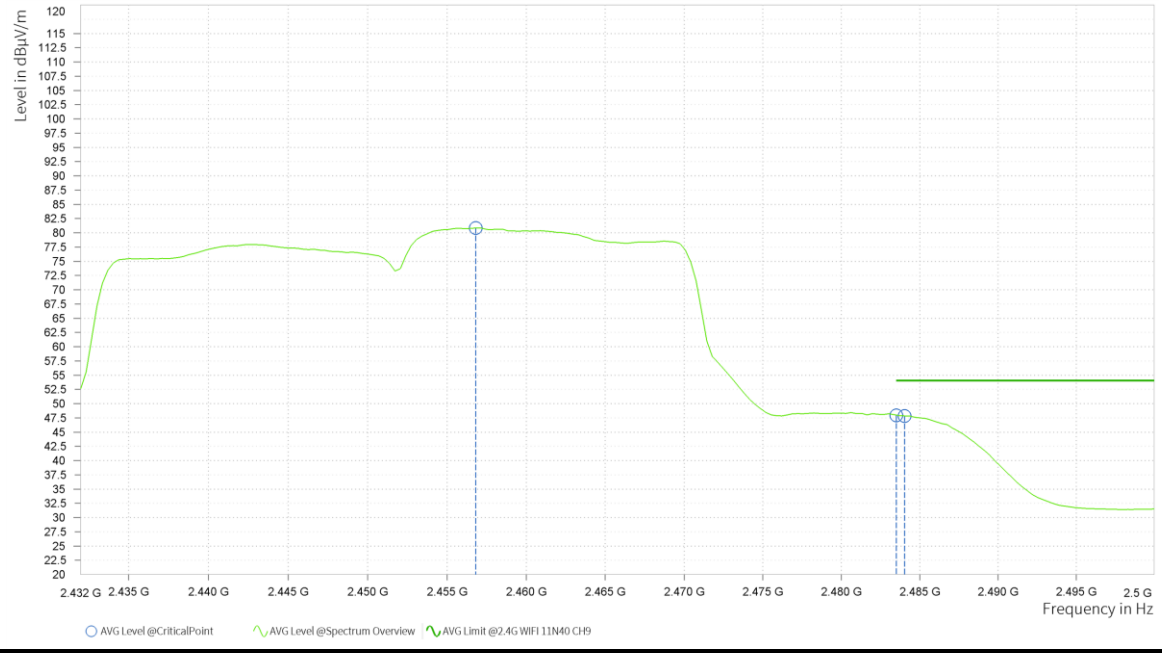
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	2,454.100	80.40			7.35	H	146.6	2.00
4	2,483.500	41.32	54.00	12.68	7.17	H	315.1	2.00
4	2,484.020	41.29	54.00	12.71	7.17	H	315.1	2.00



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	2,441.180	92.50			7.19	V	1	1.00
4	2,483.500	59.09	74.00	14.91	7.17	V	1	1.00
4	2,484.020	59.31	74.00	14.69	7.17	V	1	1.00



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	2,456.820	80.84			7.37	V	140.6	1.00
4	2,483.500	47.91	54.00	6.09	7.17	V	43.8	1.00
4	2,484.020	47.85	54.00	6.15	7.17	V	43.8	1.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 2452MHz: Fundamental frequency.

BELOW 1GHz WORST-CASE DATA

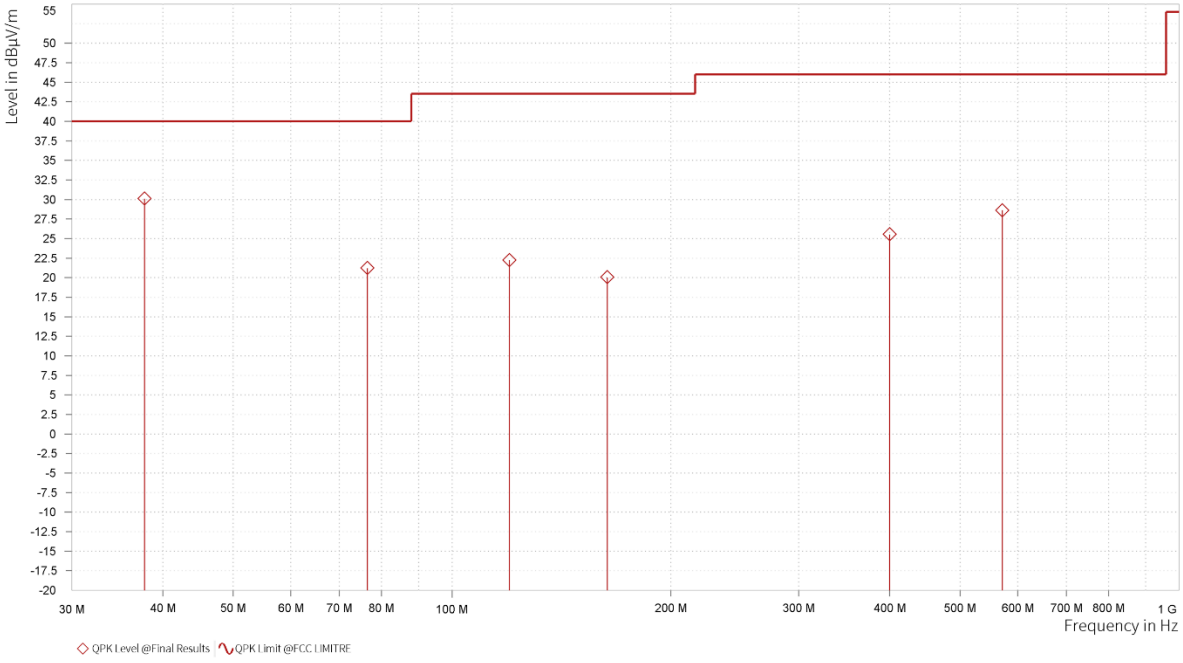
BT-LE_S8			
CHANNEL	TX Channel 19	0DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	37.760	30.11	40.00	9.89	-4.59	H	218.5	2.00	120.000
1	76.512	21.21	40.00	18.79	-10.00	H	355.1	2.00	120.000
1	119.968	22.24	43.50	21.26	-6.72	H	355.1	2.00	120.000
1	163.569	20.04	43.50	23.46	-7.54	H	308.8	1.00	120.000
1	400.104	25.53	46.00	20.47	3.33	H	308.8	1.00	120.000
1	571.551	28.61	46.00	17.39	3.19	H	218.5	2.00	120.000

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 = Limit value – Emission Level



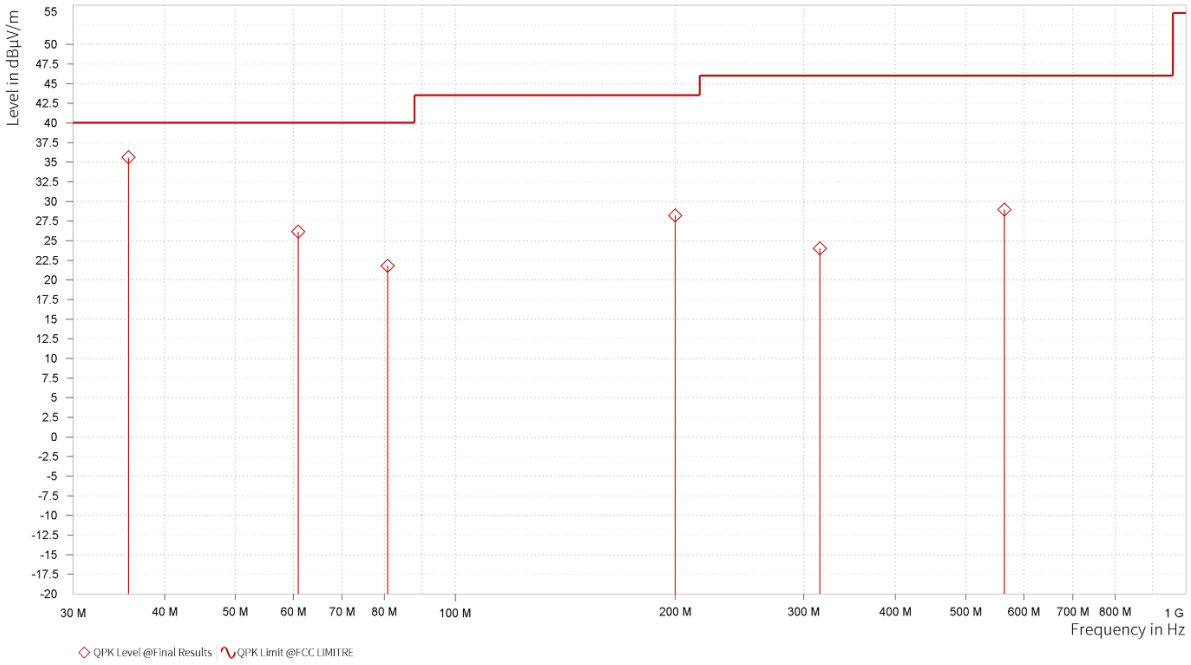
CHANNEL	TX Channel 19	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	35.723	35.58	40.00	4.42	-7.16	V	1	1.00	120.000
1	60.943	26.12	40.00	13.88	-6.89	V	294.5	1.00	120.000
1	80.828	21.78	40.00	18.22	-9.76	V	294.5	1.00	120.000
1	199.993	28.18	43.50	15.32	-4.77	V	294.5	1.00	120.000
1	315.568	24.00	46.00	22.00	-0.07	V	294.5	1.00	120.000
1	564.470	28.95	46.00	17.05	3.08	V	359.1	1.00	120.000

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 = Limit value – Emission Level



ABOVE 1GHz TEST DATA

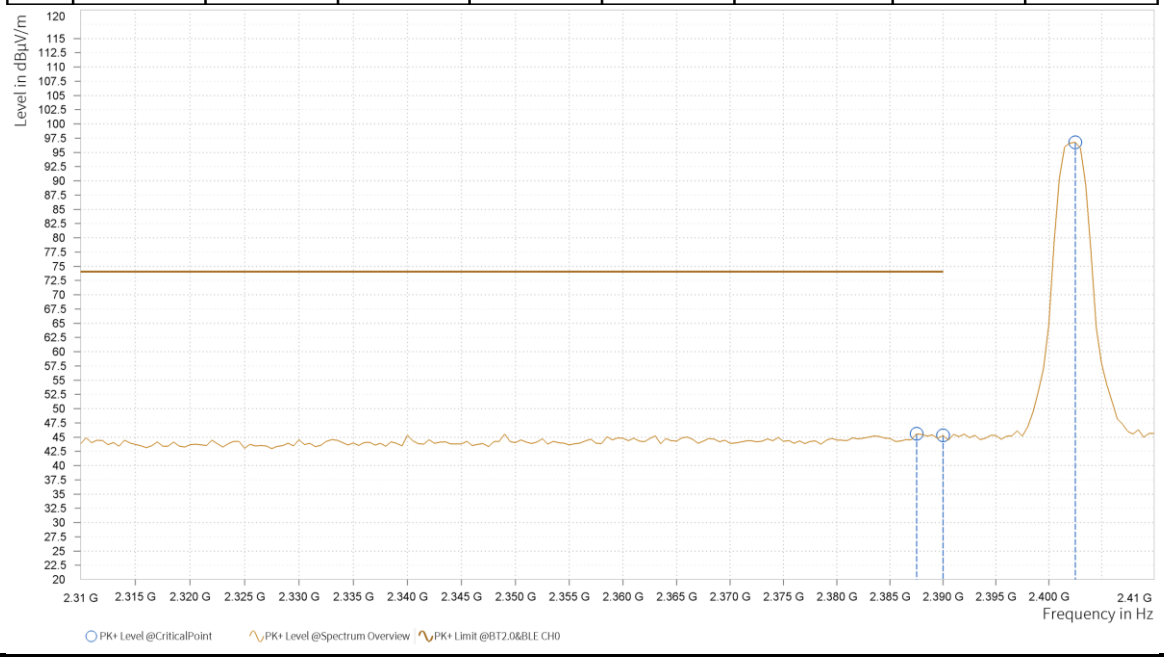
Note:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

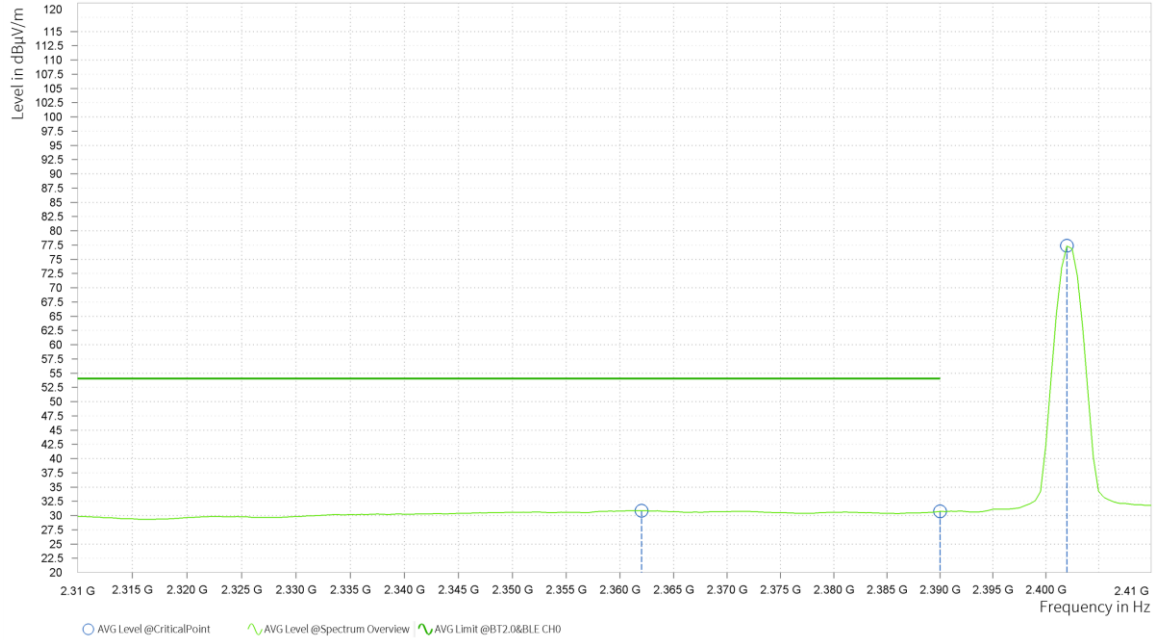
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,387.500	45.56	74.00	28.44	6.34	H	166.9	2.00
5	2,390.000	45.29	74.00	28.71	6.39	H	166.9	2.00
5	2,402.500	96.78			6.60	H	4.5	1.00

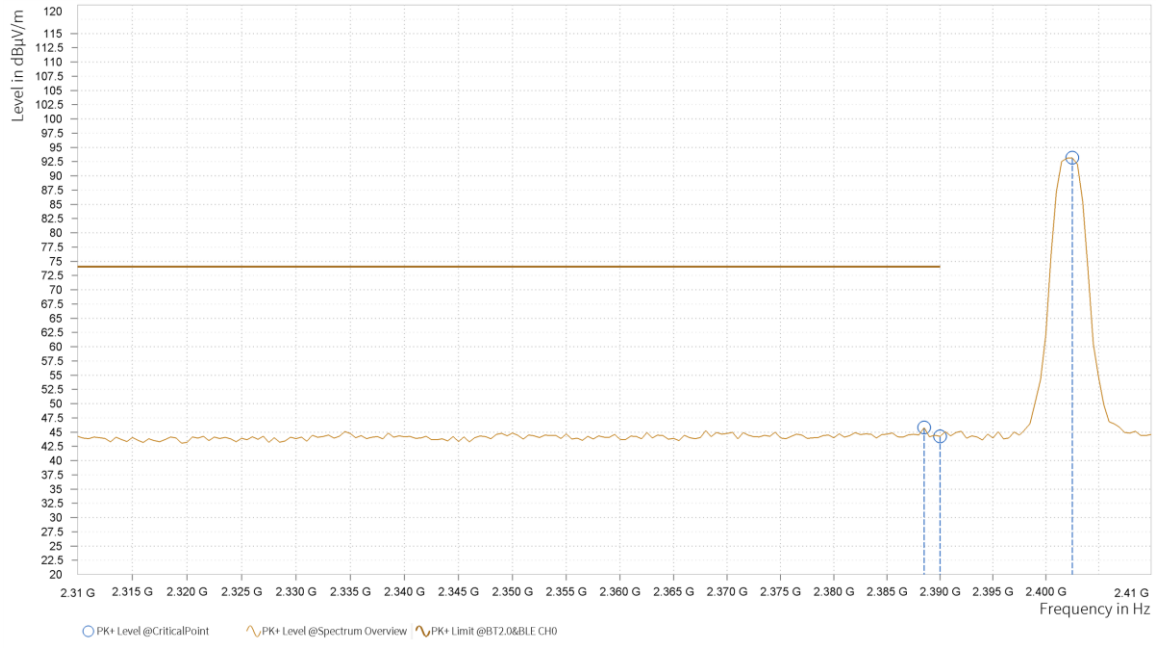


ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,362.000	30.86	54.00	23.14	6.00	H	94	1.00
5	2,390.000	30.71	54.00	23.29	6.39	H	45	1.00
5	2,402.000	77.35			6.59	H	143	1.00



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]
5	2,388.500	45.78	74.00	28.22	6.36	V	19.6	2.00
5	2,390.000	44.26	74.00	29.74	6.39	V	93.9	1.00
5	2,402.500	93.16			6.60	V	144.1	1.00



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	2,361.000	30.63	54.00	23.37	5.99	V	122.6	2.00
5	2,390.000	30.45	54.00	23.55	6.39	V	96.4	1.00
5	2,402.000	72.32			6.59	V	149	1.00

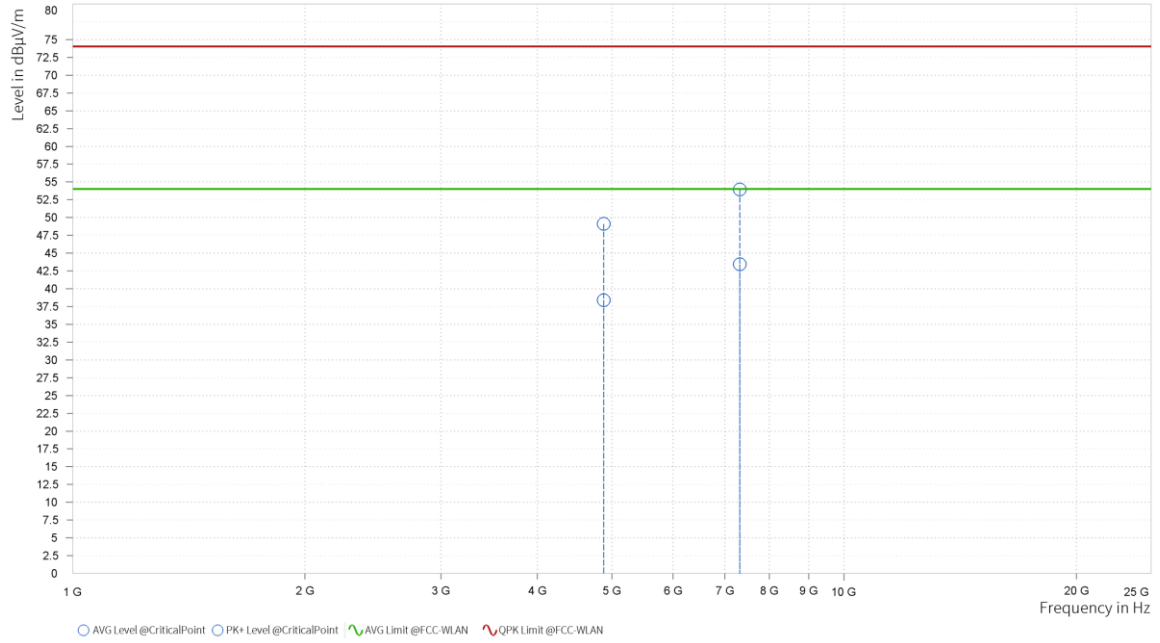
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value–Emission level.
3. 2402MHz: Fundamental frequency.

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

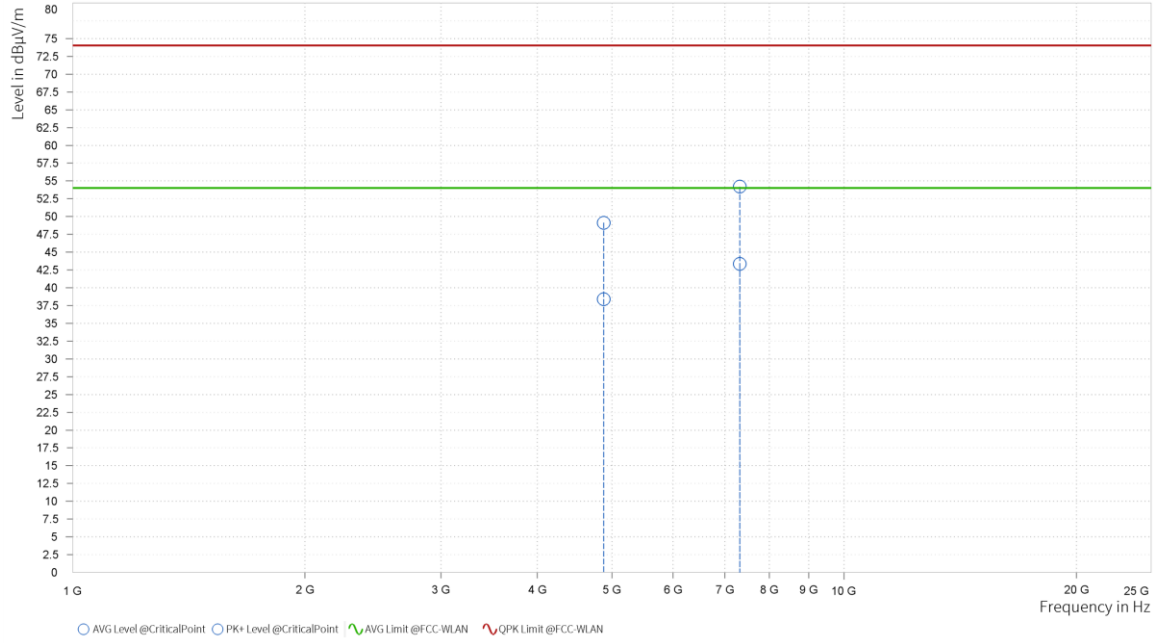
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK 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]
3	4,880.000	49.10	74.00	24.90	38.40	54.00	15.60	13.81	H	239.8	1.00
3	7,320.000	53.96	74.00	20.04	43.43	54.00	10.57	19.47	H	239.8	1.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK 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]
3	4,880.000	49.13	74.00	24.87	38.40	54.00	15.60	13.81	V	123.8	2.00
3	7,320.000	54.20	74.00	19.80	43.36	54.00	10.64	19.47	V	359	2.00



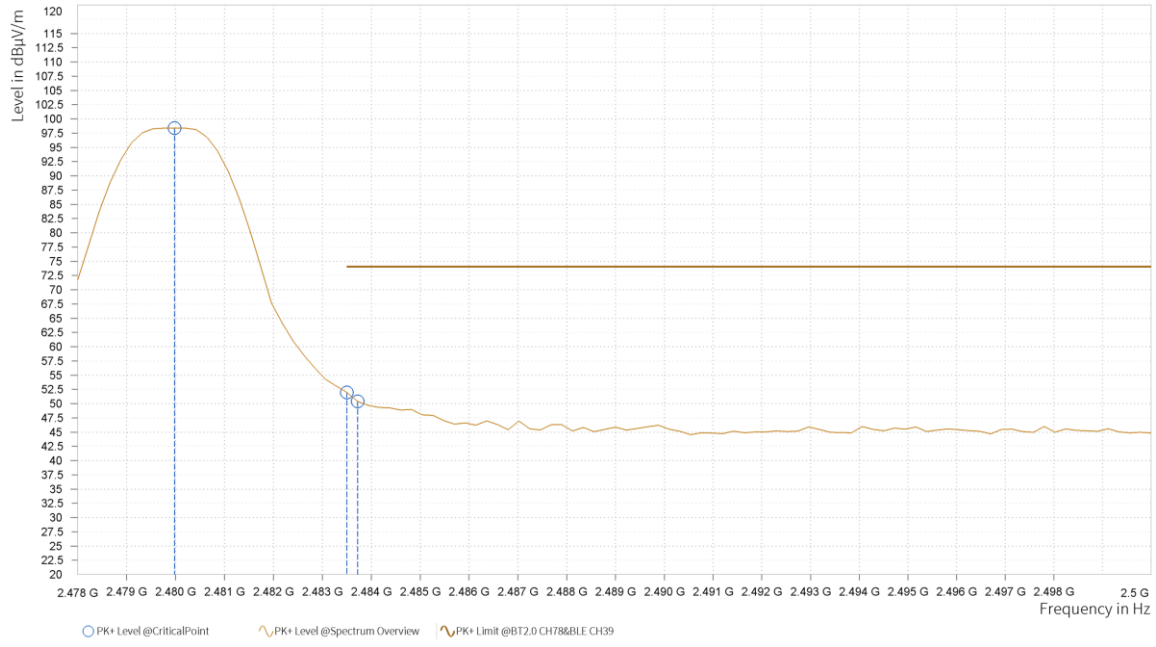
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value–Emission level.
3. 2440MHz: Fundamental frequency.

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

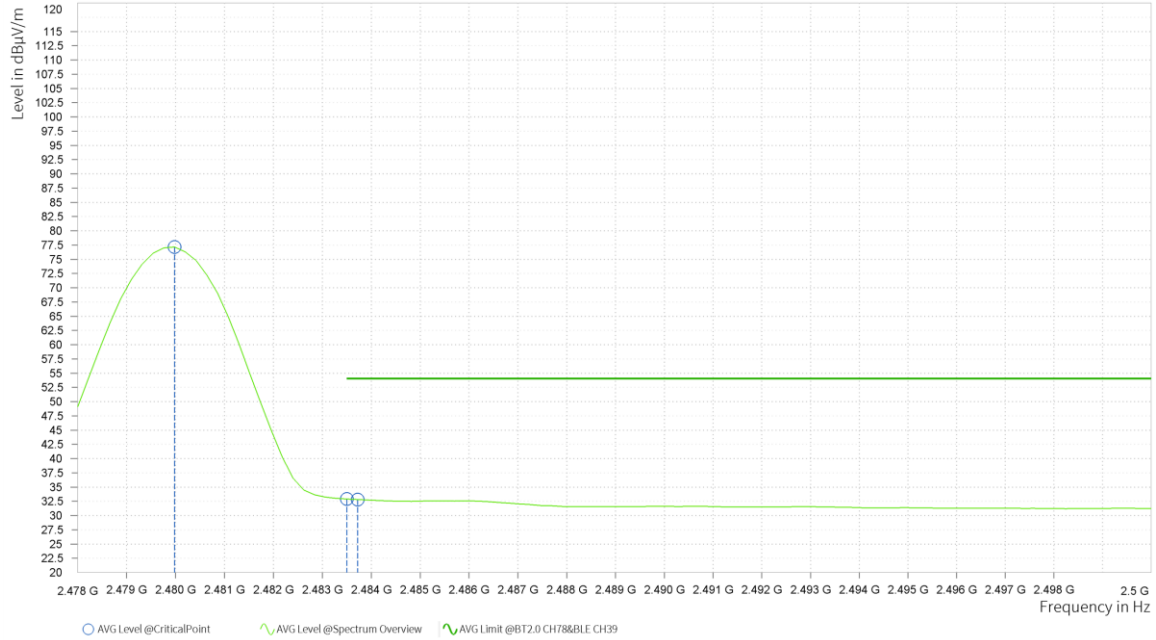
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	2,479.980	98.41			7.23	H	215.9	2.00
6	2,483.500	51.96	74.00	22.04	7.18	H	215.9	2.00
6	2,483.720	50.40	74.00	23.60	7.17	H	215.9	2.00

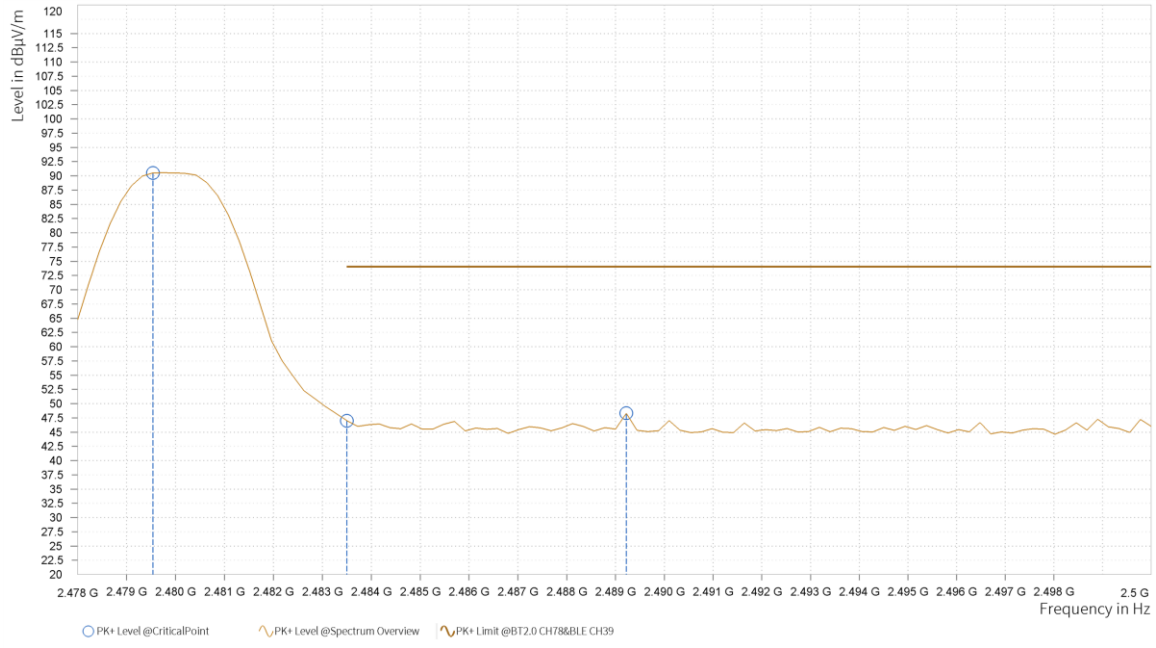


ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

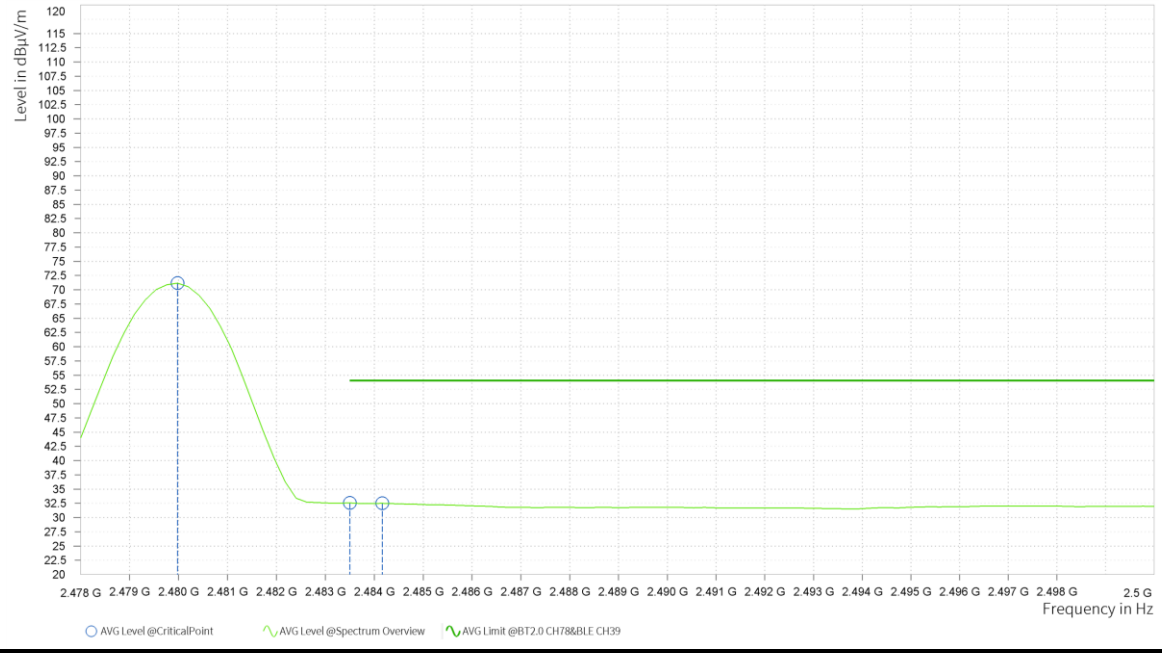
Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	2,479.980	77.15			7.23	H	215.9	2.00
6	2,483.500	32.89	54.00	21.11	7.18	H	215.9	2.00
6	2,483.720	32.81	54.00	21.19	7.17	H	215.9	2.00



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	2,479.540	90.52			7.24	V	144.1	1.00
6	2,483.500	47.01	74.00	26.99	7.18	V	44.9	1.00
6	2,489.220	48.30	74.00	25.70	7.09	V	144.1	1.00



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	2,479.980	71.16			7.23	V	46.2	1.00
6	2,483.500	32.56	54.00	21.44	7.18	V	114.3	2.00
6	2,484.160	32.49	54.00	21.51	7.17	V	114.3	2.00



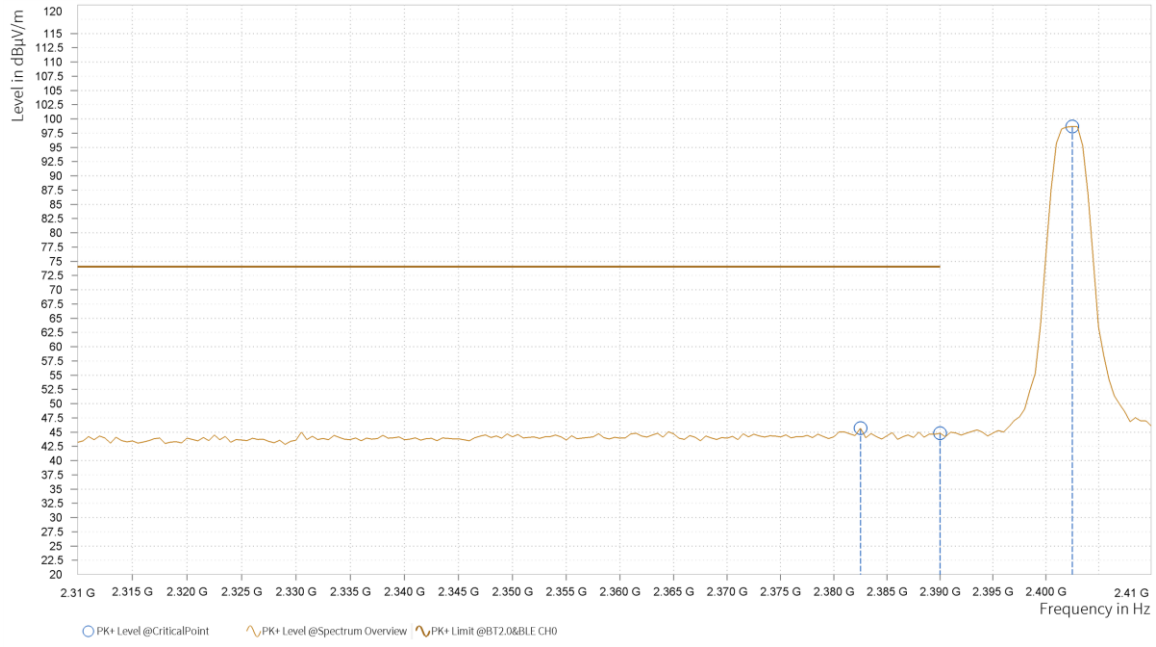
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value–Emission level.
3. 2480MHz: Fundamental frequency.

BT-LE _2M			
CHANNEL	TX Channel 1	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

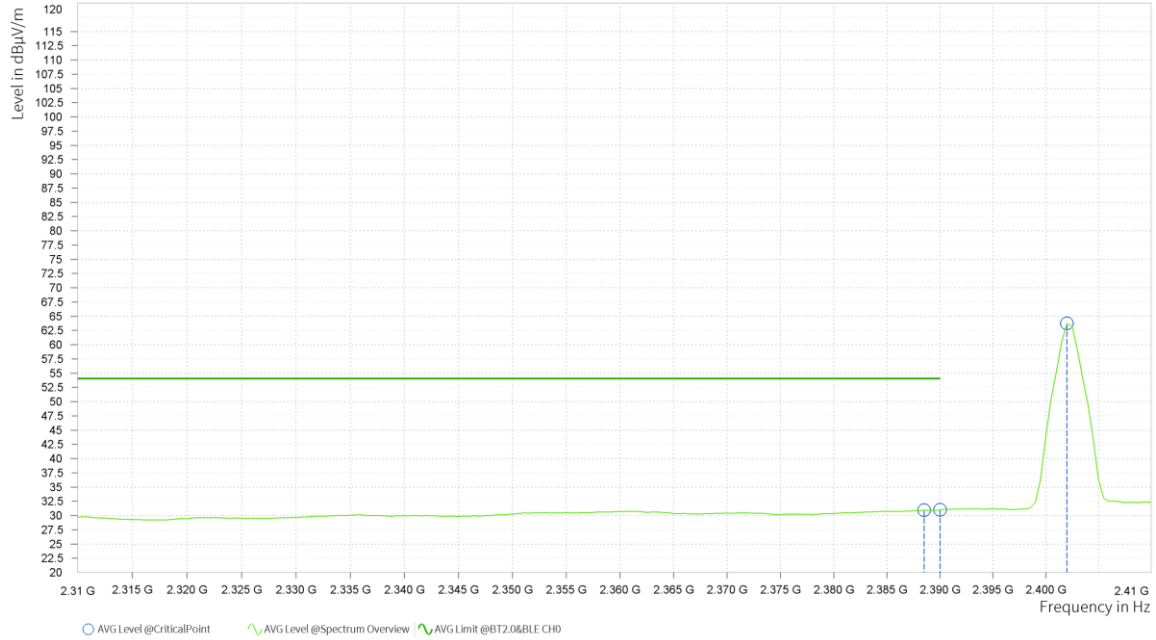
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,382.500	45.69	74.00	28.31	6.26	H	359.1	1.00
5	2,390.000	44.81	74.00	29.19	6.39	H	150.2	2.00
5	2,402.500	98.66			6.60	H	5.2	1.00

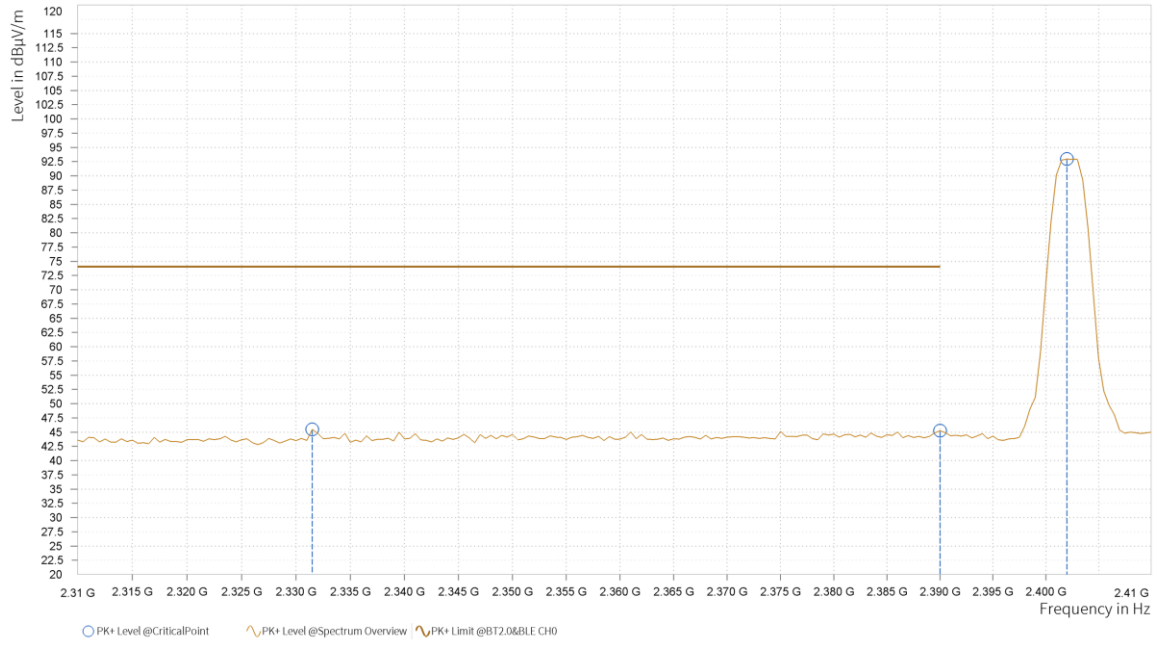


ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

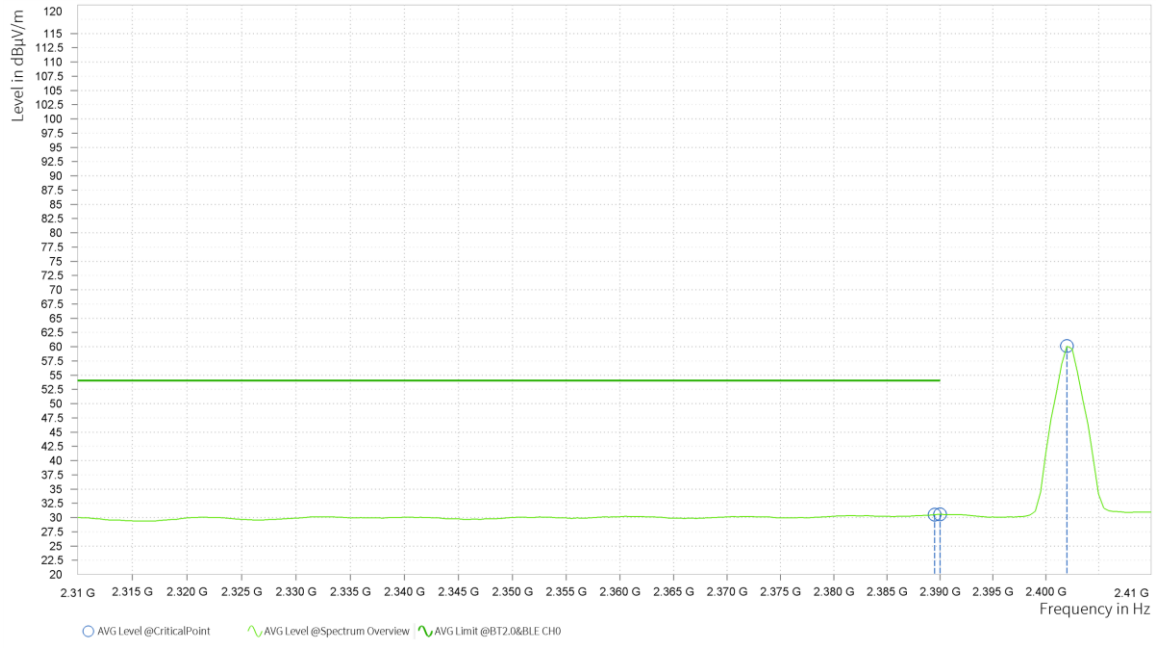
Rg	Frequency [MHz]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	2,388.500	30.94	54.00	23.06	6.36	H	175.3	2.00
5	2,390.000	30.99	54.00	23.01	6.39	H	175.3	2.00
5	2,402.000	63.73			6.59	H	5	1.00



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]
5	2,331.500	45.49	74.00	28.51	5.81	V	163.4	2.00
5	2,390.000	45.24	74.00	28.76	6.39	V	1	1.00
5	2,402.000	92.94			6.59	V	95.1	1.00



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	2,389.500	30.50	54.00	23.50	6.38	V	247	1.00
5	2,390.000	30.57	54.00	23.43	6.39	V	247	1.00
5	2,402.000	60.09			6.59	V	95.1	1.00



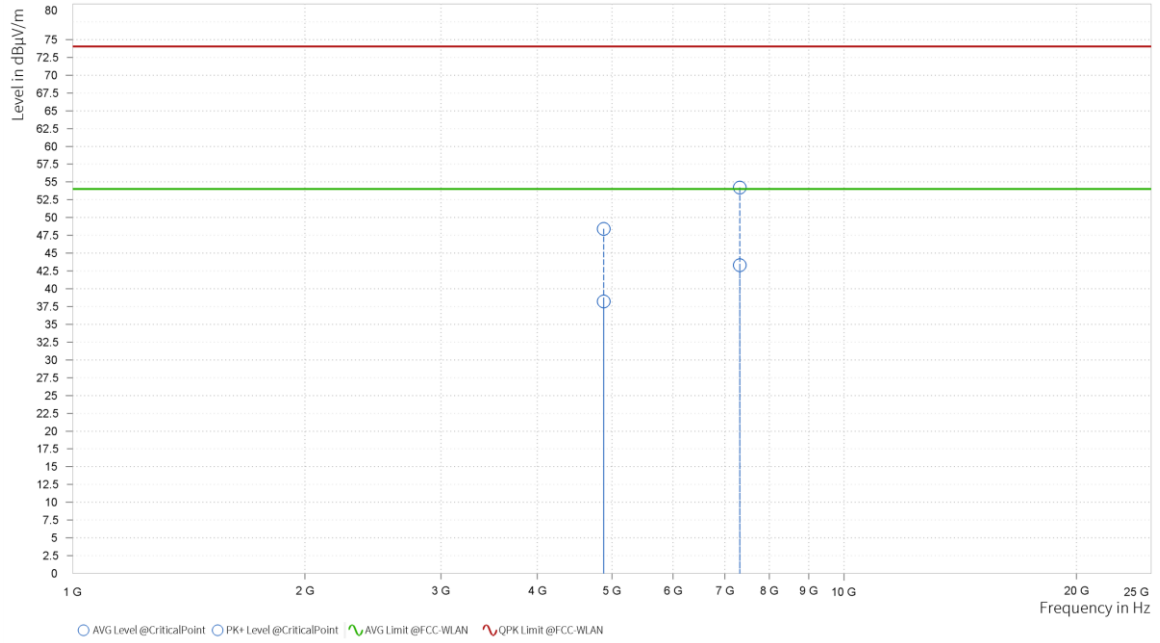
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value–Emission level.
3. 2404MHz: Fundamental frequency.

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

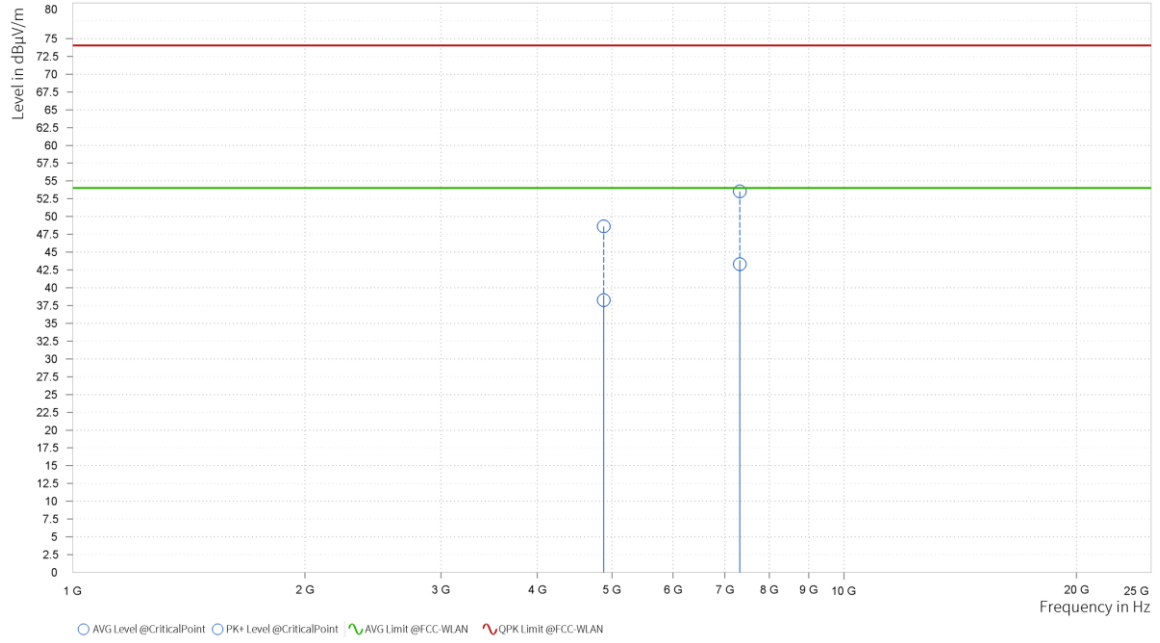
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK 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]
3	4,880.000	48.41	74.00	25.59	38.21	54.00	15.79	13.81	H	1	2.00
3	7,320.000	54.22	74.00	19.78	43.31	54.00	10.69	19.47	H	1	2.00



ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+: QPK 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]
3	4,880.000	48.62	74.00	25.38	38.27	54.00	15.73	13.81	V	1	2.00
3	7,320.000	53.52	74.00	20.48	43.30	54.00	10.70	19.47	V	359.1	1.00



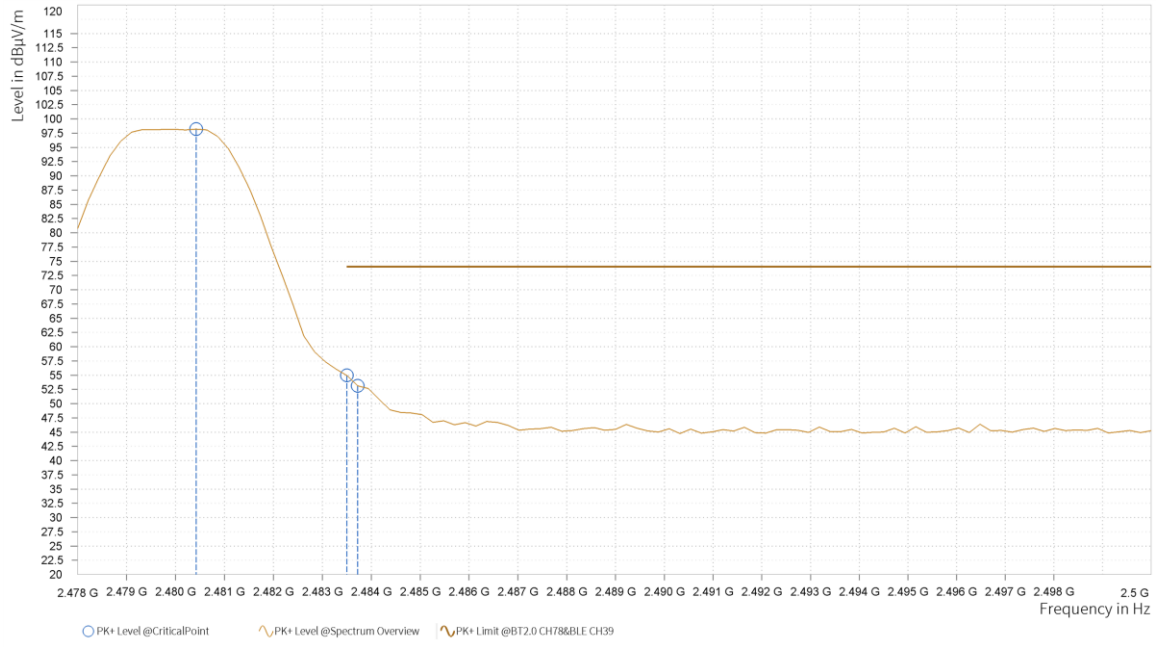
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor.
2. Margin value = Limit value–Emission level.
3. 2440MHz: Fundamental frequency.

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2,480.420	98.20			7.22	H	212.3	2.00
6	2,483.500	54.95	74.00	19.05	7.18	H	212.3	2.00
6	2,483.720	53.13	74.00	20.87	7.17	H	212.3	2.00



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	2,479.980	64.38			7.23	H	211.1	2.00
6	2,483.500	33.01	54.00	20.99	7.18	H	211.1	2.00
6	2,483.720	32.89	54.00	21.11	7.17	H	211.1	2.00