

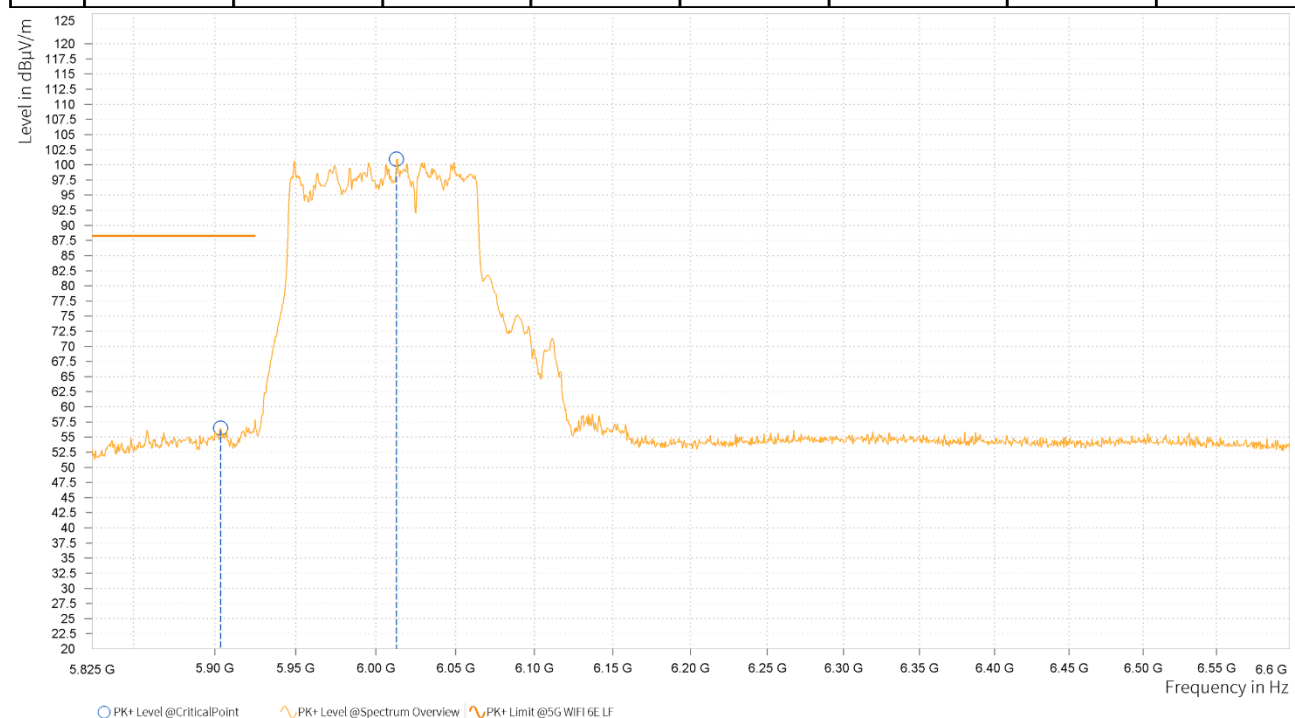


Test Report No.: RF260714B018
802.11be (160MHz) MRU 996+484

CHANNEL	TX Channel 15	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

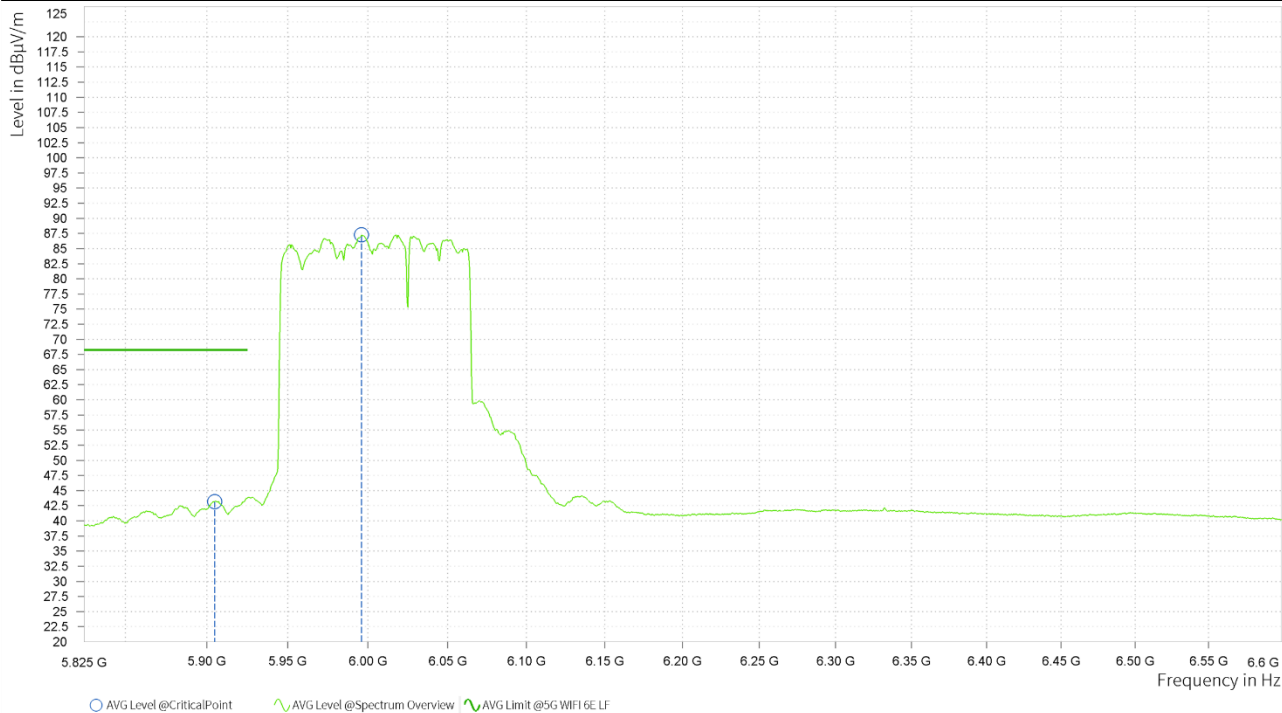
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,903.469	56.47	88.20	31.73	14.08	H	265.8	1.00
1	6,012.938	100.97			14.00	H	265.8	1.00



Test Report No.: RF260714B018

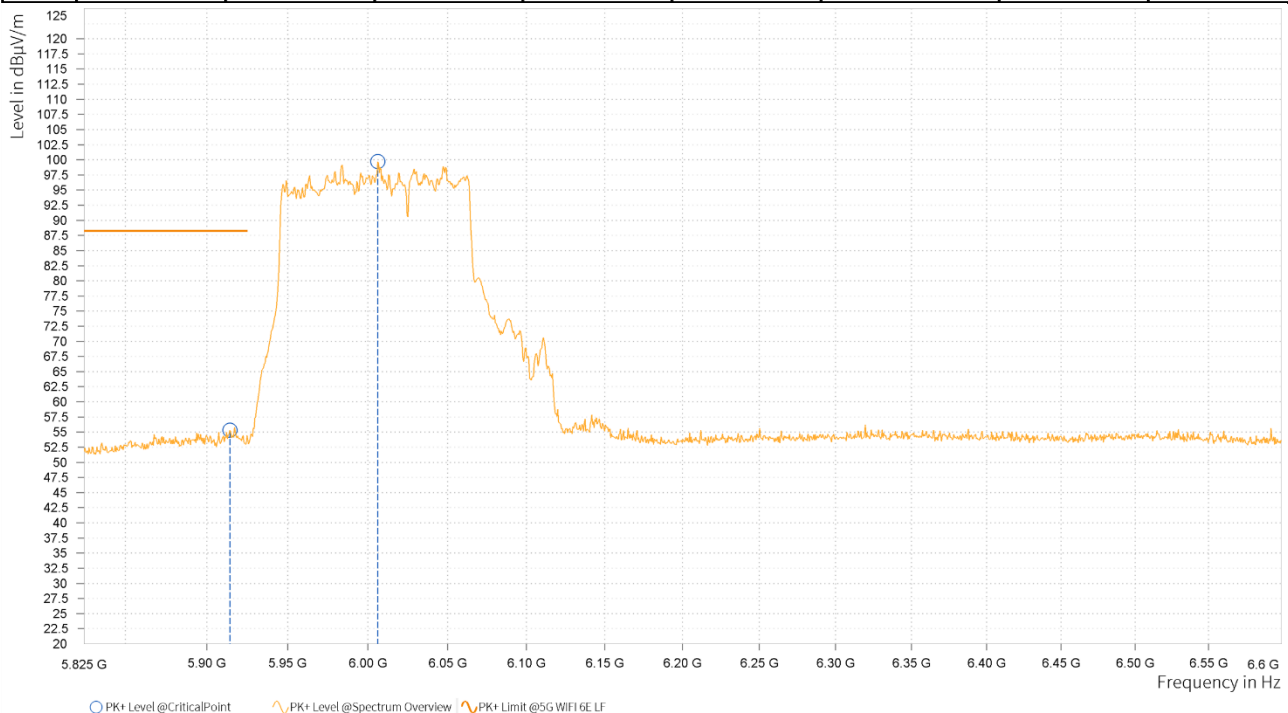
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,904.922	43.17	68.20	25.03	14.06	H	268.2	1.00
1	5,995.984	87.25			13.84	H	268.2	1.00



Test Report No.: RF260714B018

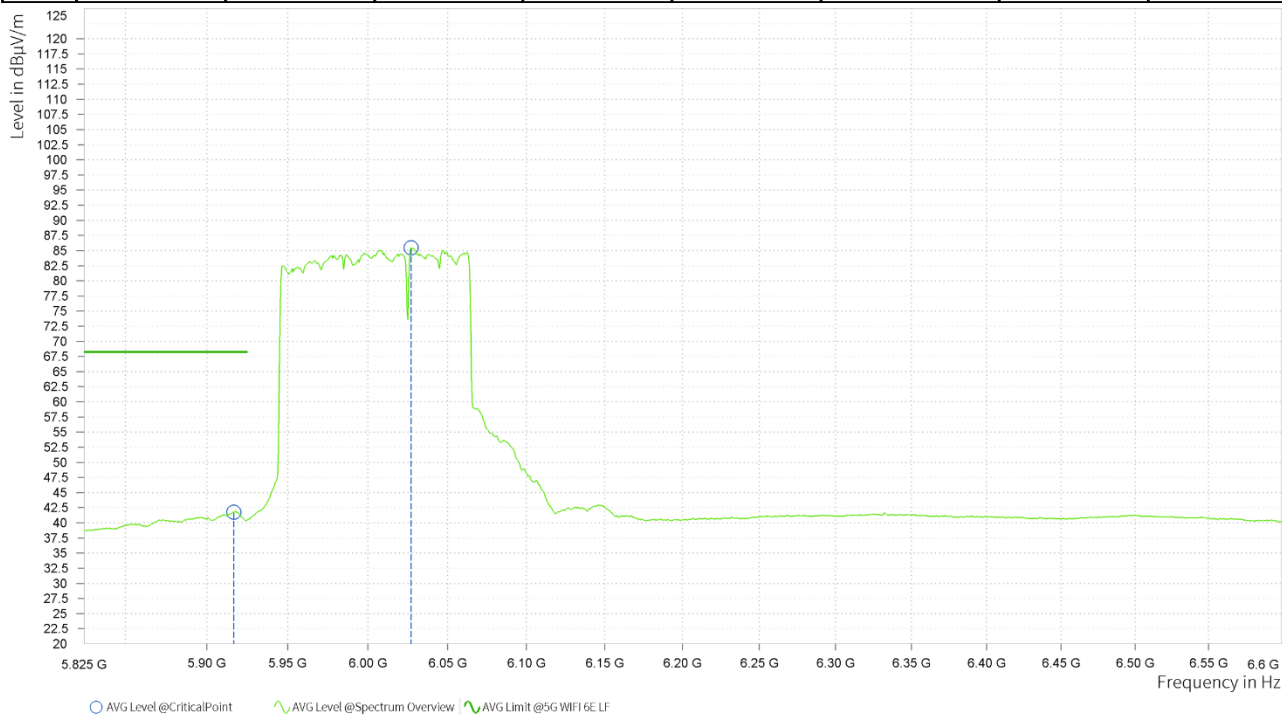
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,914.125	55.29	88.20	32.91	14.00	V	350	1.00
1	6,006.156	99.71			13.92	V	267	1.00



Test Report No.: RF260714B018

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,916.547	41.74	68.20	26.46	13.98	V	267	1.00
1	6,026.984	85.48			14.16	V	267	1.00



REMARKS:

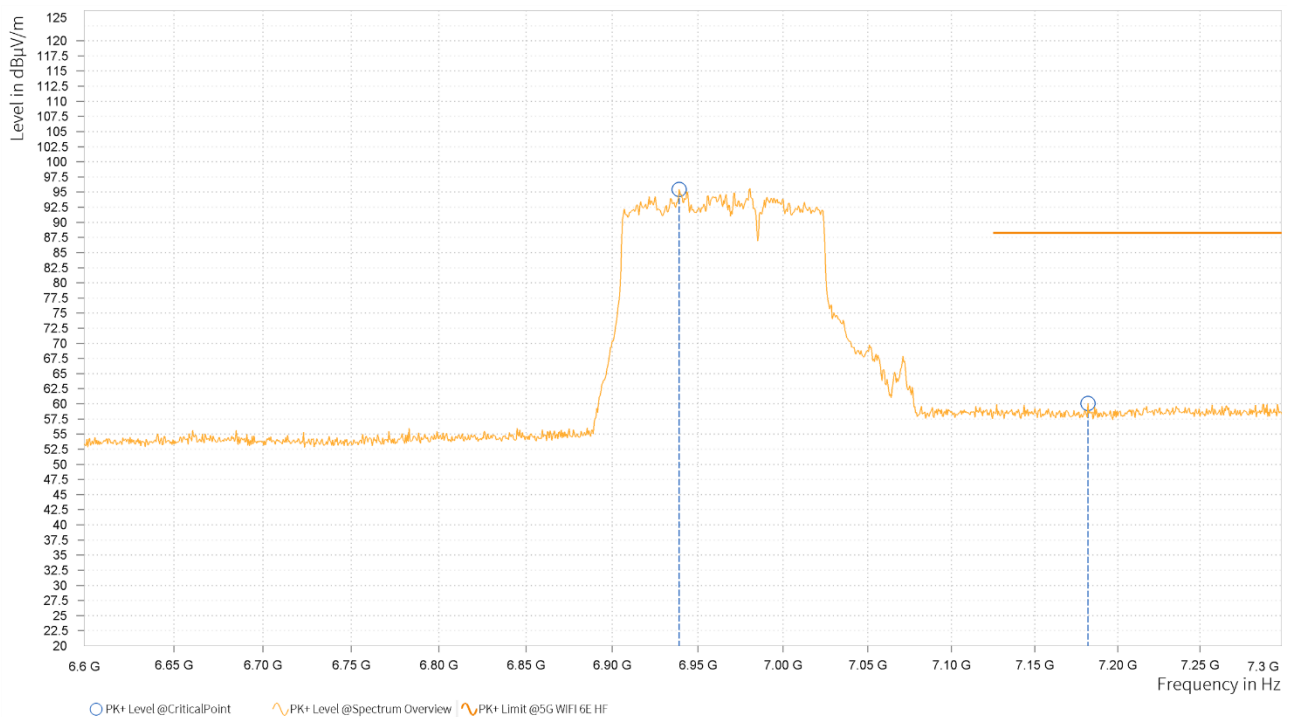
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5955MHz: Fundamental frequency.



Test Report No.: RF260714B018

CHANNEL	TX Channel 207	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		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	6,939.000	95.45			14.92	H	4.2	1.00
2	7,182.000	60.07	88.20	28.13	15.93	H	353.5	1.00



BOOMWAVE TEST (SHENZHEN)
CO., LTD.

Room B38, Warehouse A5(Chiwan No.1), No.3 Chiwan
4th Road, Chiwan Community, Zhaoshang Street,
Nanshan District, Shenzhen, Guangdong, P.R. CHINA

Mobile: +86 15118052731
Email:shimin.wang@boomwavelab.com

Test Report No.: RF260714B018

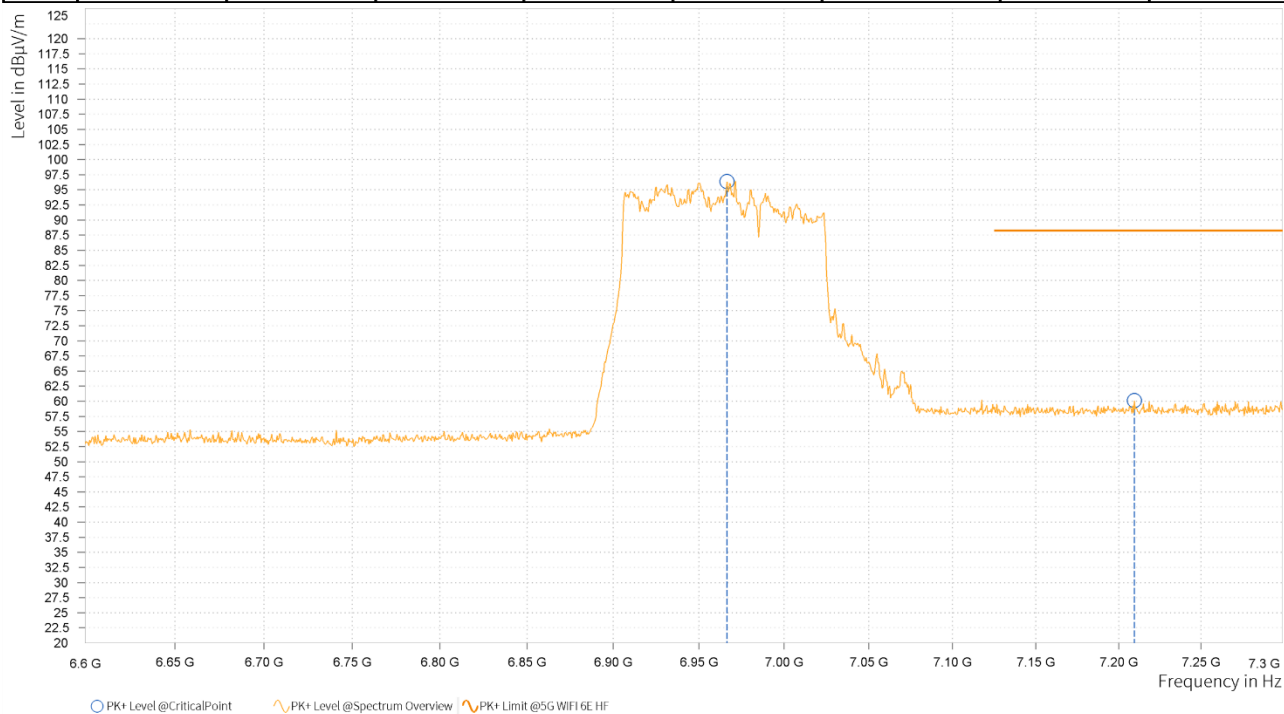
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	6,943.000	81.78			14.92	H	4.9	1.00
2	7,290.500	45.65	68.20	22.55	15.95	H	275.4	1.00



Test Report No.: RF260714B018

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	6,966.500	96.36			14.76	V	355.1	2.00
2	7,209.500	60.10	88.20	28.10	16.04	V	359	1.00



Test Report No.: RF260714B018

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	6,950.500	83.61			14.92	V	355.1	2.00
2	7,235.000	45.57	68.20	22.63	15.94	V	355.1	2.00



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 7115MHz: Fundamental frequency.

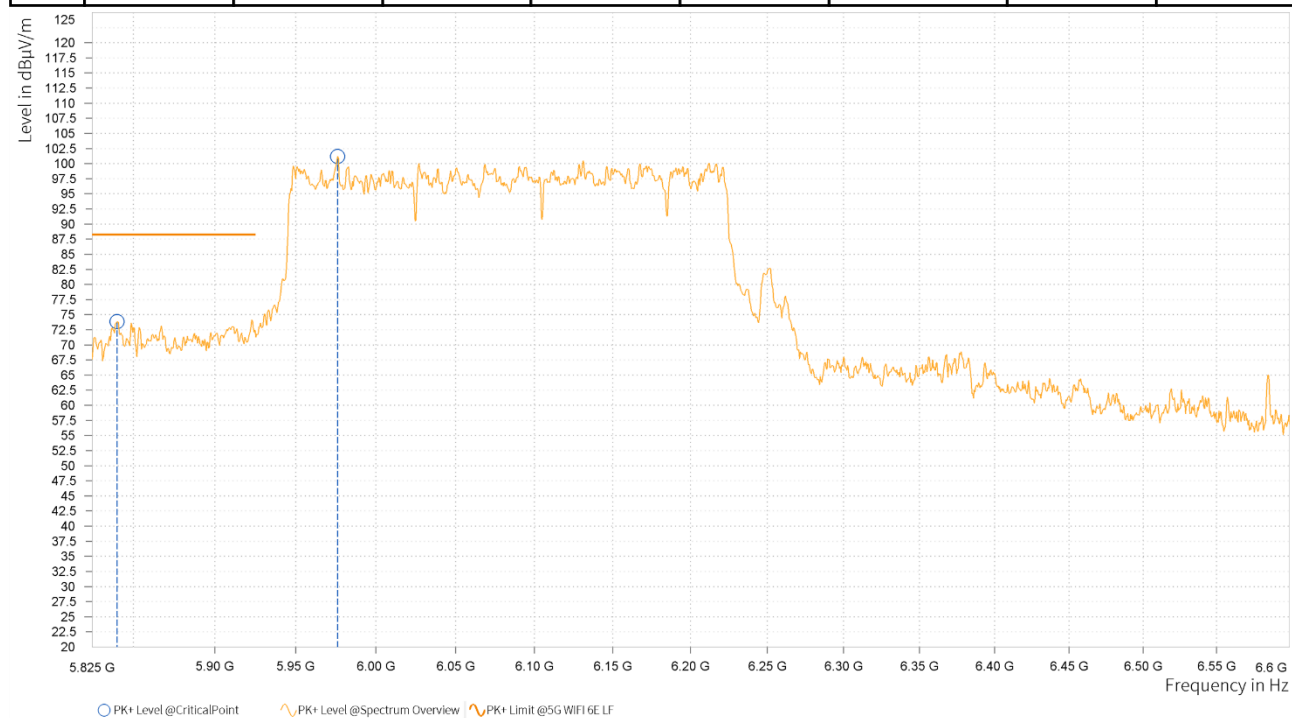


Test Report No.: RF260714B018
802.11be (320MHz)_MRU 996+484

CHANNEL	TX Channel 31	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

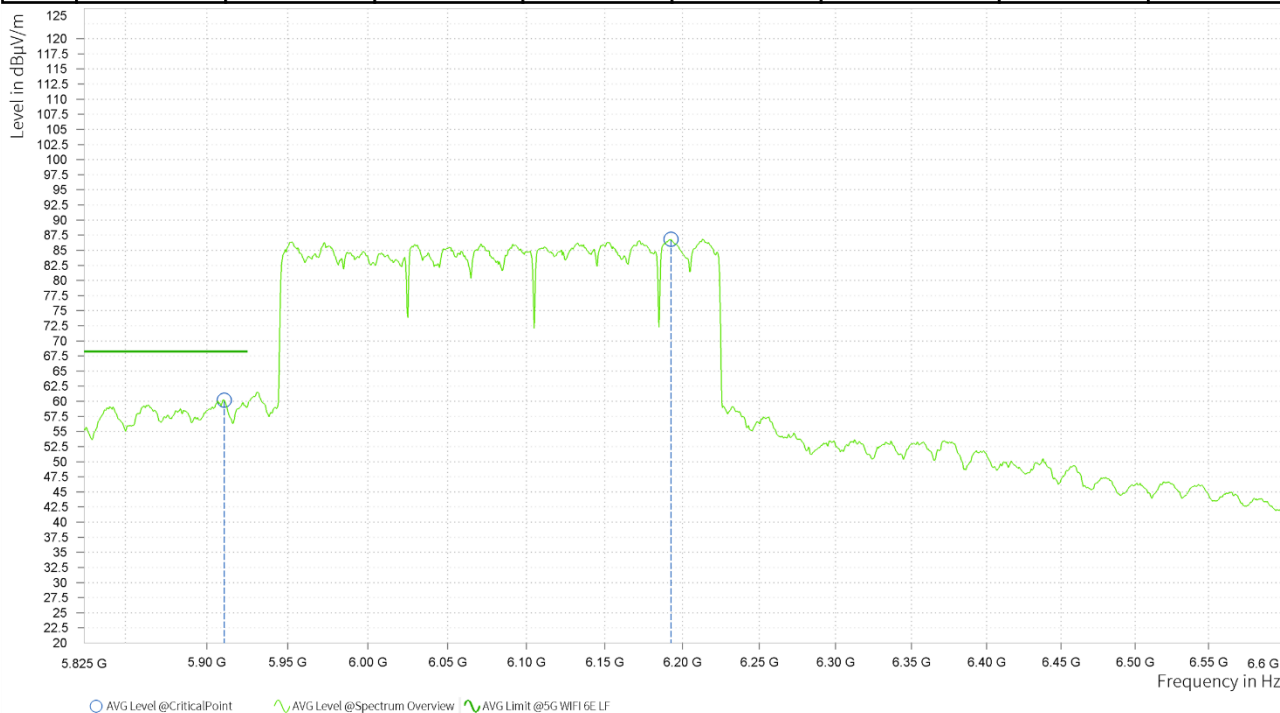
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,840.016	73.82	88.20	14.38	13.73	H	4.9	1.00
1	5,976.130	101.19			13.79	H	280.2	1.00



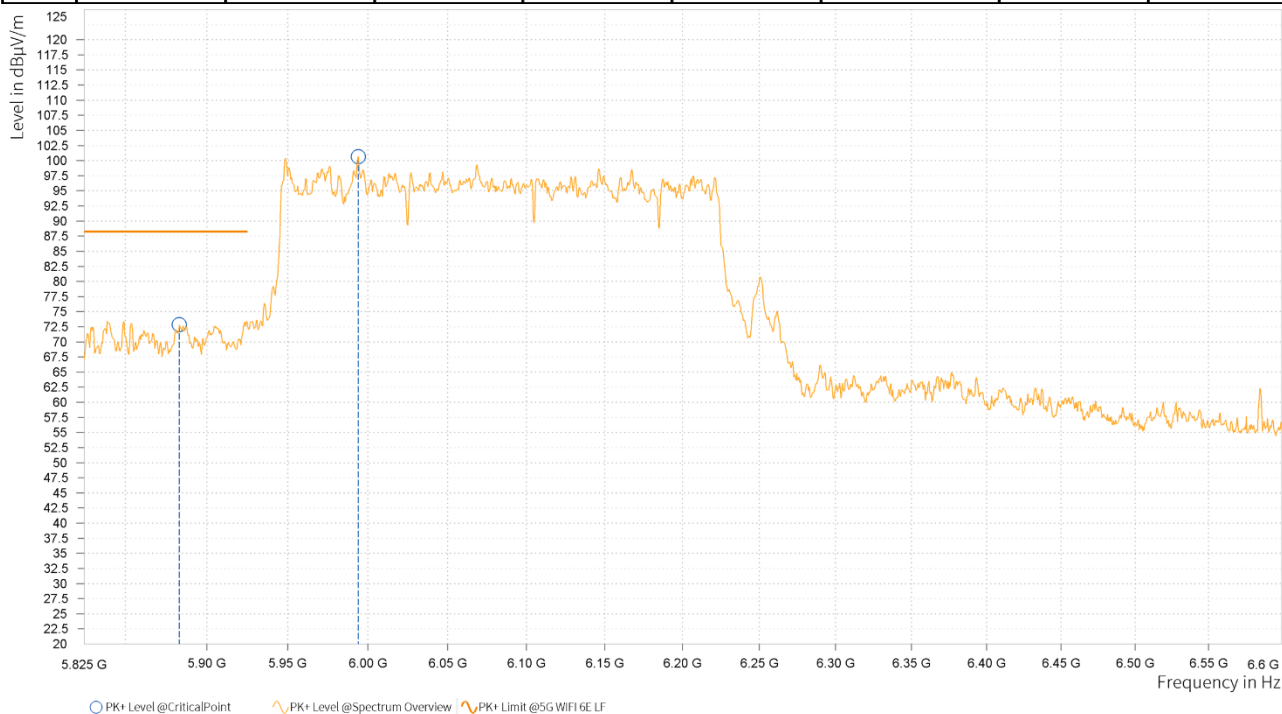
Test Report No.: RF260714B018

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,910.734	60.18	68.20	8.02	14.02	H	281.3	1.00
1	6,192.641	86.79			14.68	H	359.1	1.00



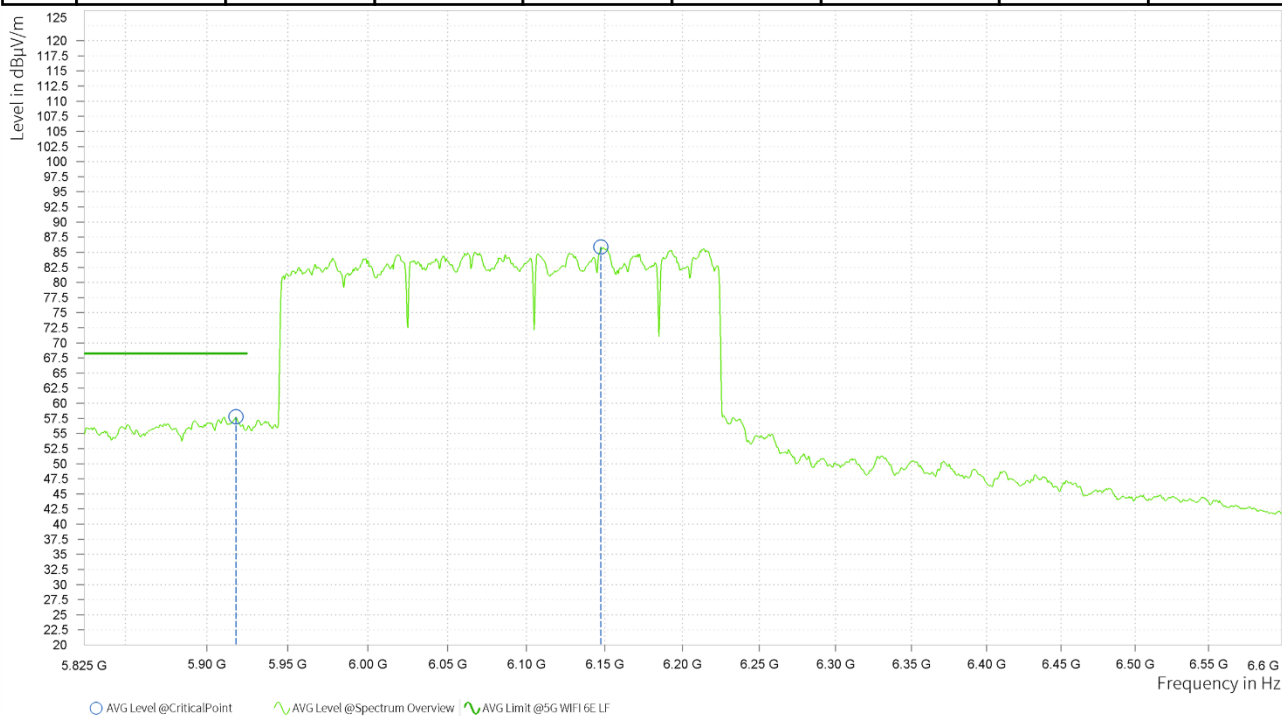
Test Report No.: RF260714B018

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]
1	5,883.125	72.82	88.20	15.38	14.06	V	203.6	1.00
1	5,994.050	100.68			13.83	V	203.6	1.00



Test Report No.: RF260714B018

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
1	5,918.000	57.76	68.20	10.44	13.97	V	357.8	1.00
1	6,147.594	85.88			14.59	V	238.2	1.00



REMARKS:

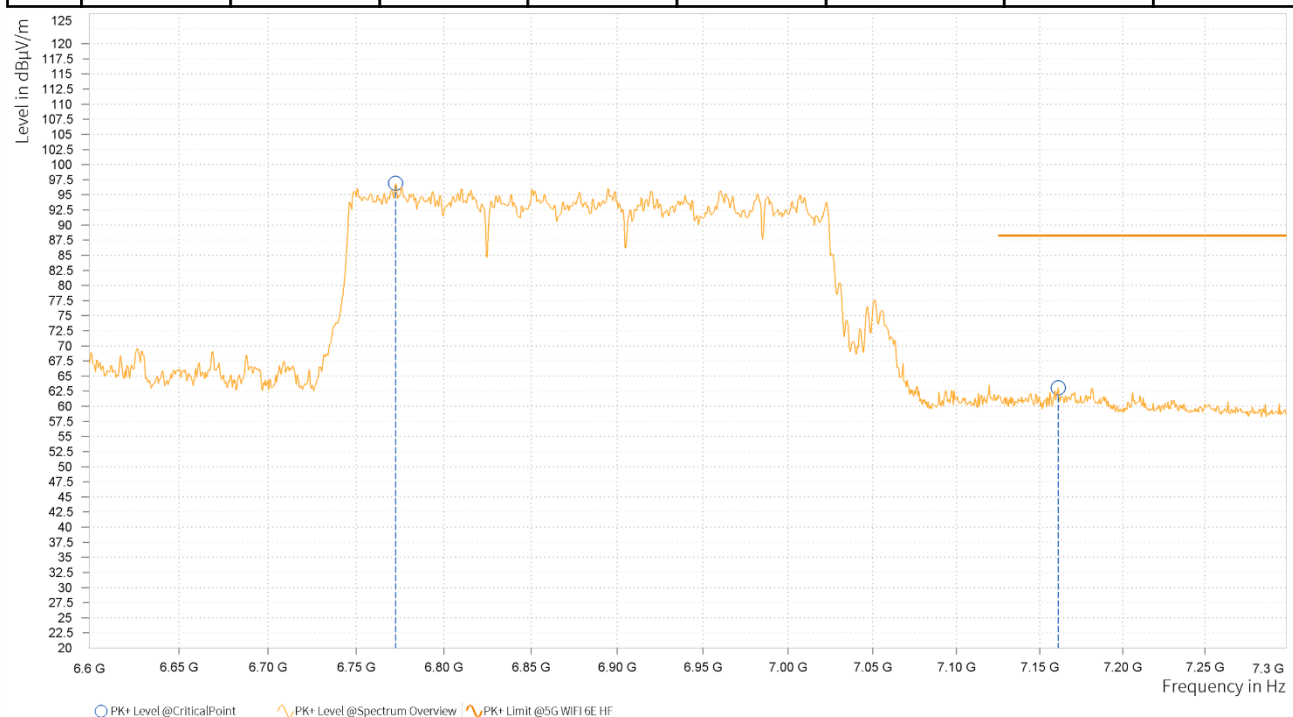
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 5955MHz: Fundamental frequency.



Test Report No.: RF260714B018

CHANNEL	TX Channel 191	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		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	6,772.500	96.89			14.78	H	1	1.00
2	7,161.000	63.07	88.20	25.13	15.76	H	294.5	1.00



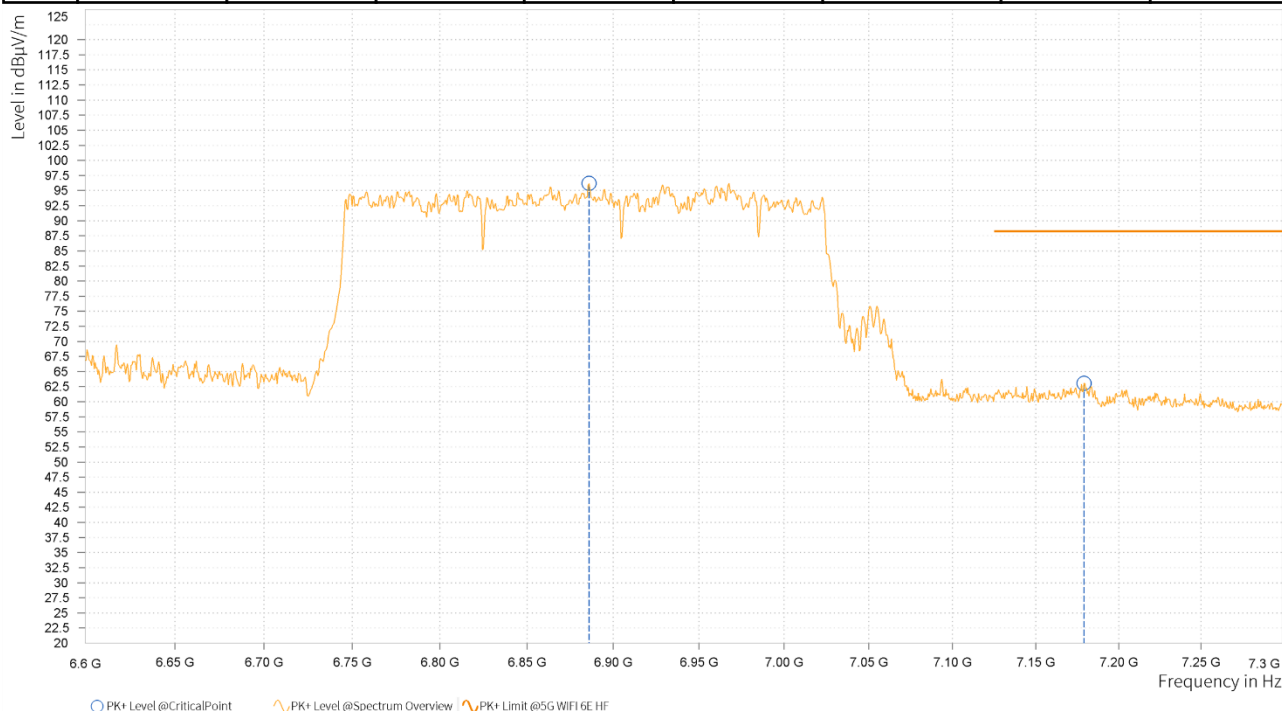
Test Report No.: RF260714B018

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	6,772.500	82.73			14.78	H	359	1.00
2	7,140.500	49.10	68.20	19.10	15.61	H	293.3	1.00



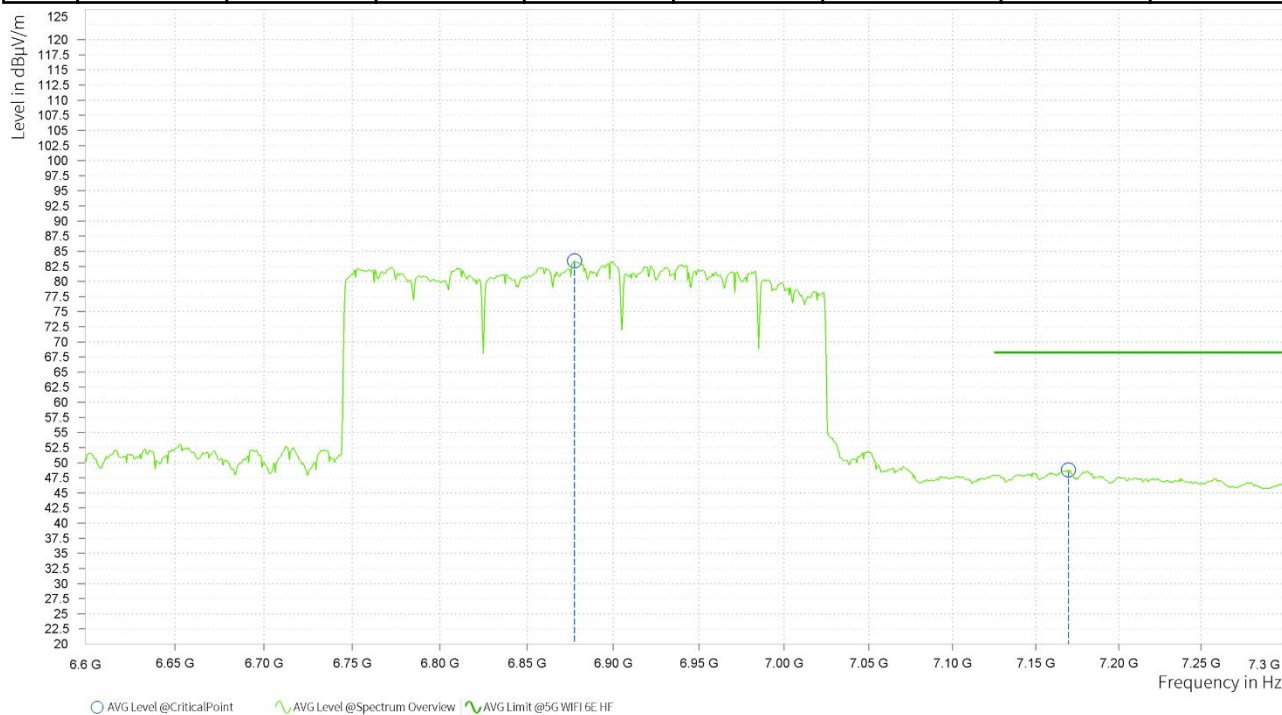
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	6,886.000	96.18			14.96	V	5.5	1.00
2	7,179.000	63.07	88.20	25.13	15.91	V	5	2.00



Test Report No.: RF260714B018

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	6,877.500	83.41			14.99	V	65.4	2.00
2	7,169.500	48.80	68.20	19.40	15.83	V	247.8	1.00



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
- 7115MHz: Fundamental frequency.

RADIATED EMISSION

NOTE : The 9K~30MHz amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required in the report.

30 MHz – 1GHz data:

802.11ax (160MHz)

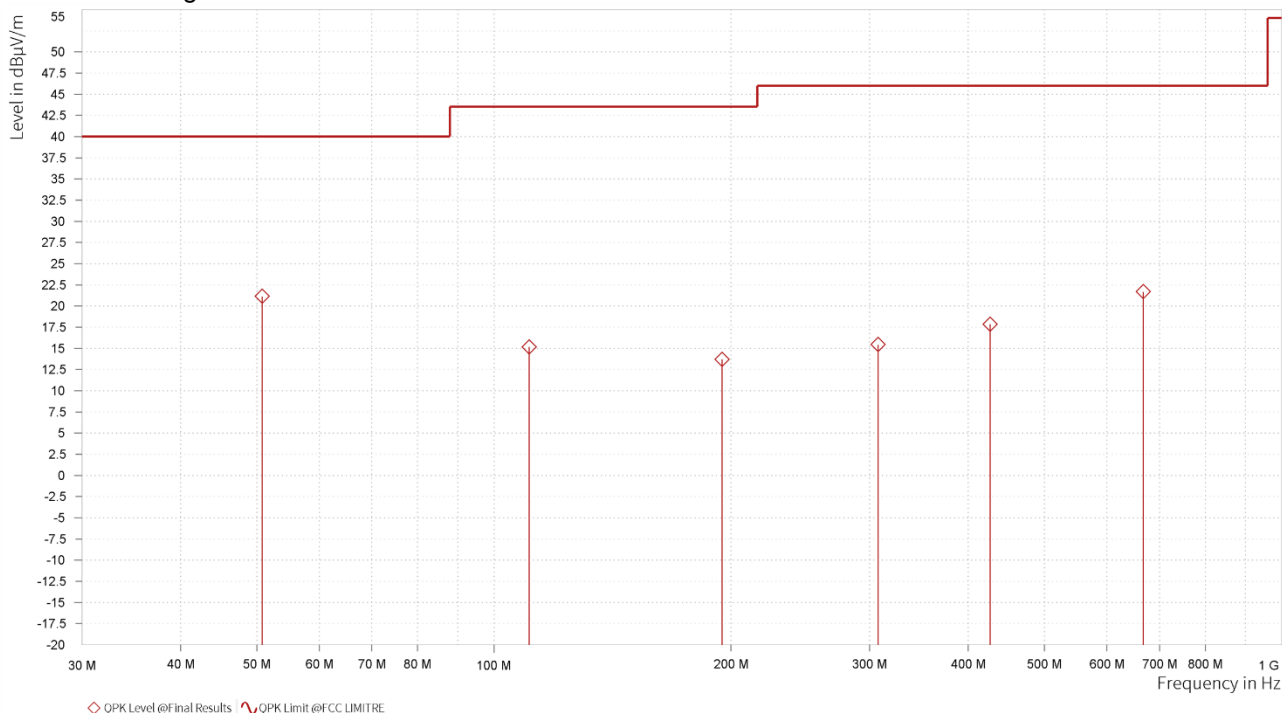
CHANNEL	TX Channel 111	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	50.807	21.14	40.00	18.86	-9.98	H	359.1	1.00	120.000
1	110.850	15.16	43.50	28.34	-12.55	H	359.1	1.00	120.000
1	194.755	13.70	43.50	29.80	-11.20	H	152.2	1.00	120.000
1	307.372	15.44	46.00	30.56	-7.33	H	1	1.00	120.000
1	426.585	17.84	46.00	28.16	-4.40	H	312.4	1.00	120.000
1	667.145	21.68	46.00	24.32	-2.78	H	4.9	1.00	120.000

REMARKS:

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





Test Report No.: RF260714B018

Test Report No.: RF260714B018

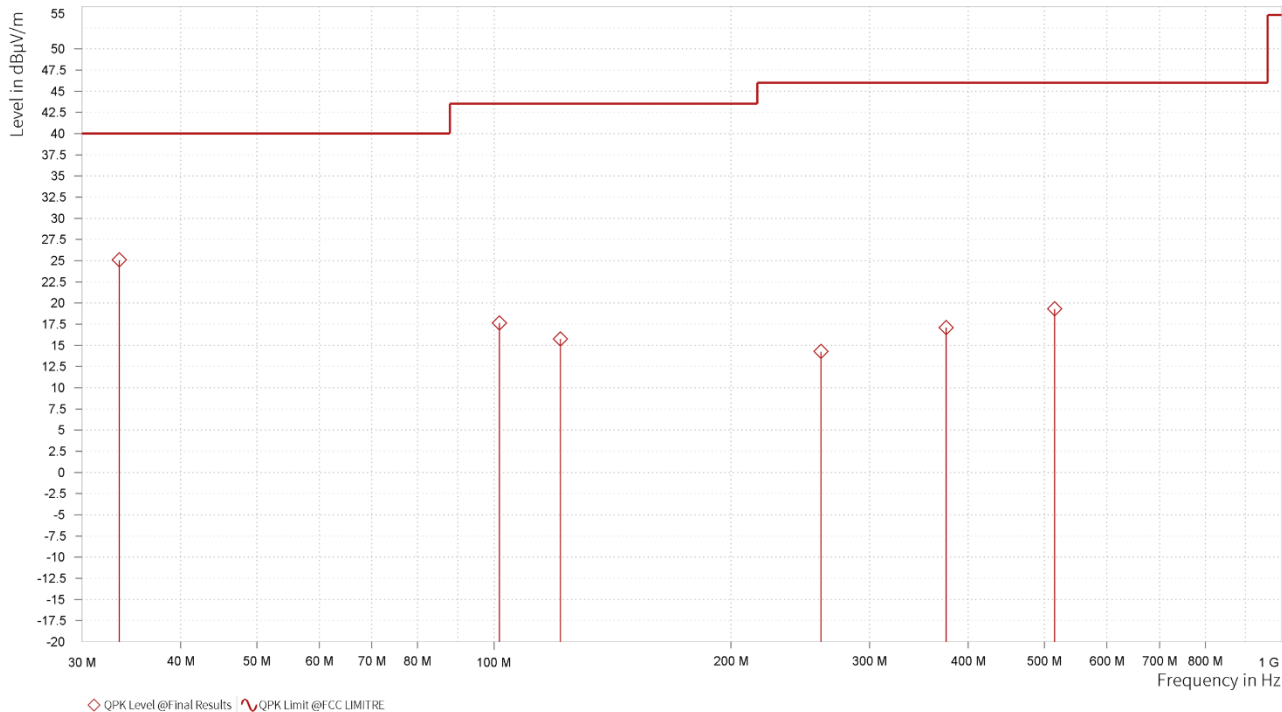
CHANNEL	Channel 111	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	30MHz ~ 1GHz		

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	33.444	25.06	40.00	14.94	-12.99	V	359.1	1.00	120.000
1	101.635	17.64	43.50	25.86	-12.21	V	154.6	1.00	120.000
1	121.471	15.75	43.50	27.75	-14.12	V	154.6	1.00	120.000
1	260.133	14.27	46.00	31.73	-8.89	V	4.8	1.00	120.000
1	375.029	17.10	46.00	28.90	-5.00	V	313.6	1.00	120.000
1	514.903	19.29	46.00	26.71	-3.67	V	4.8	1.00	120.000

REMARKS:

1. Emission level (dBμV/m) = Read level (dBμV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.





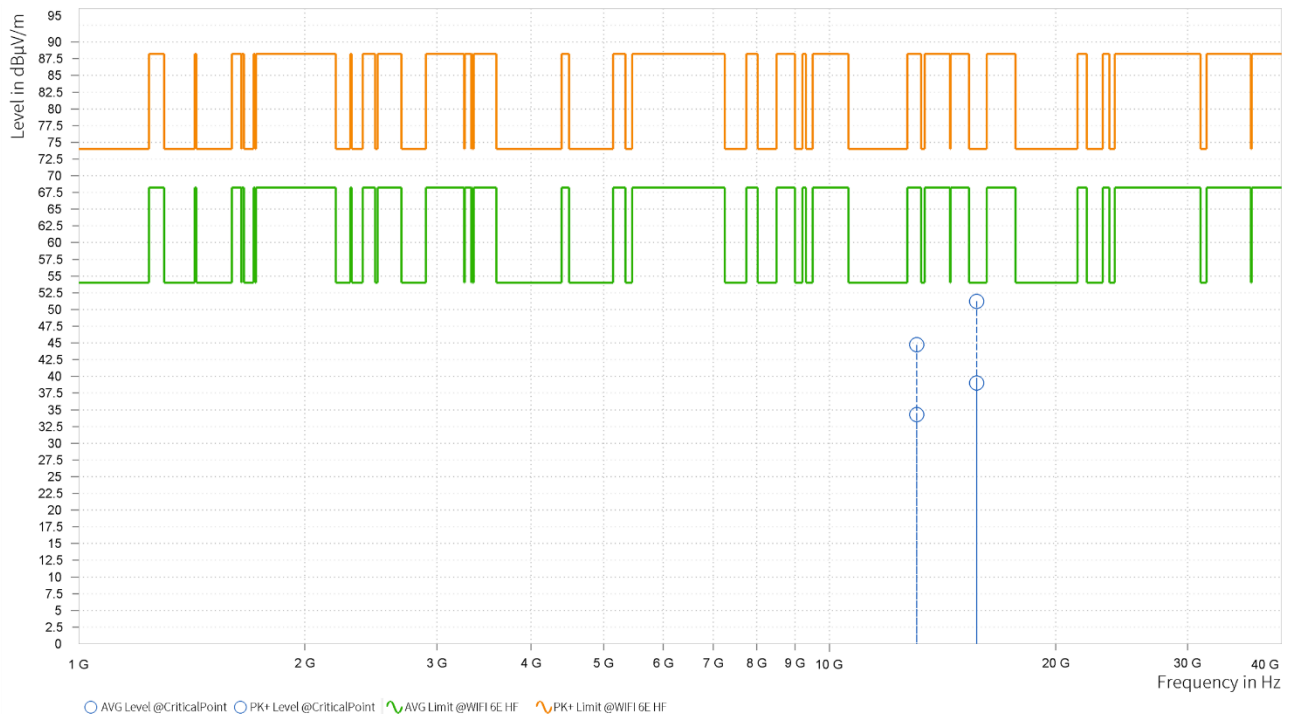
Test Report No.: RF260714B018
ABOVE 1GHz WORST-CASE DATA:

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

802.11ax (20MHz)

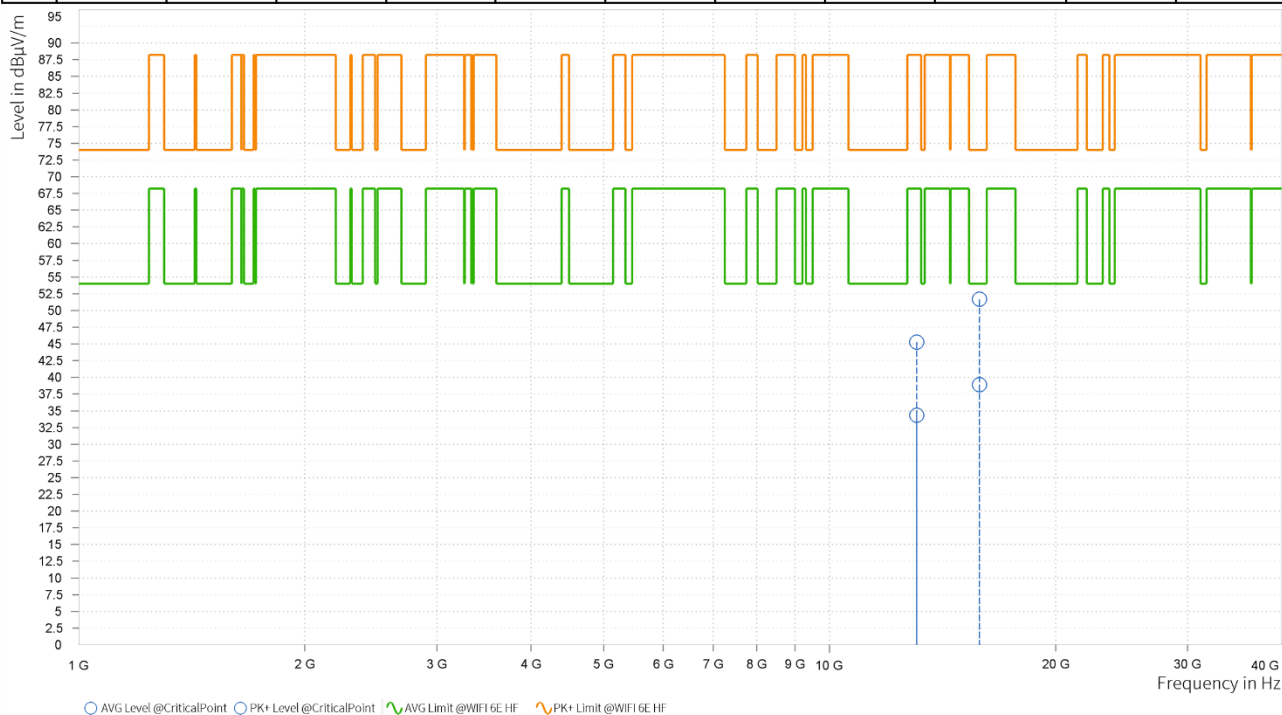
CHANNEL	TX Channel 117	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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	13,070.000	44.73	88.20	43.47	34.30	68.20	33.90	7.87	H	1	2.00
2	15,694.500	51.22	74.00	22.78	39.03	54.00	14.97	10.38	H	359	2.00



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	13,070.000	45.29	88.20	42.91	34.33	68.20	33.87	7.87	V	1	1.00
2	15,839.500	51.67	74.00	22.33	38.89	54.00	15.11	10.45	V	5.4	2.00



REMARKS:

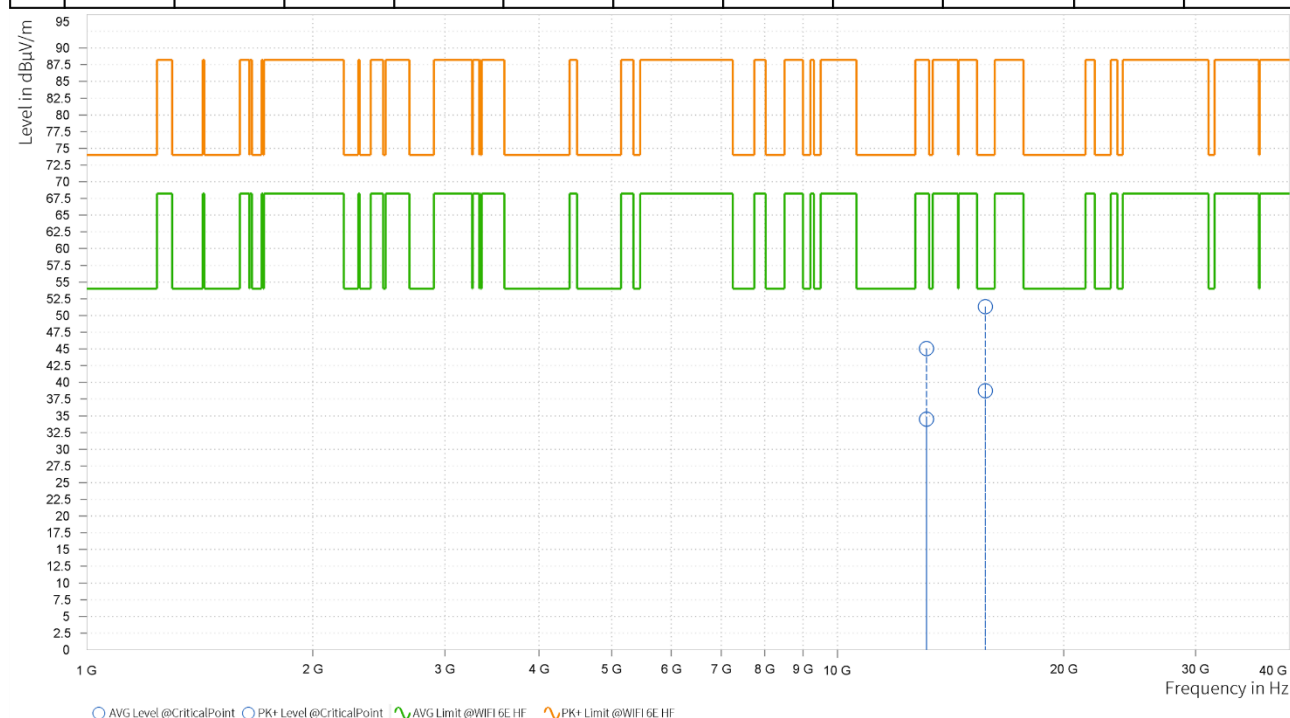
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 6175MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



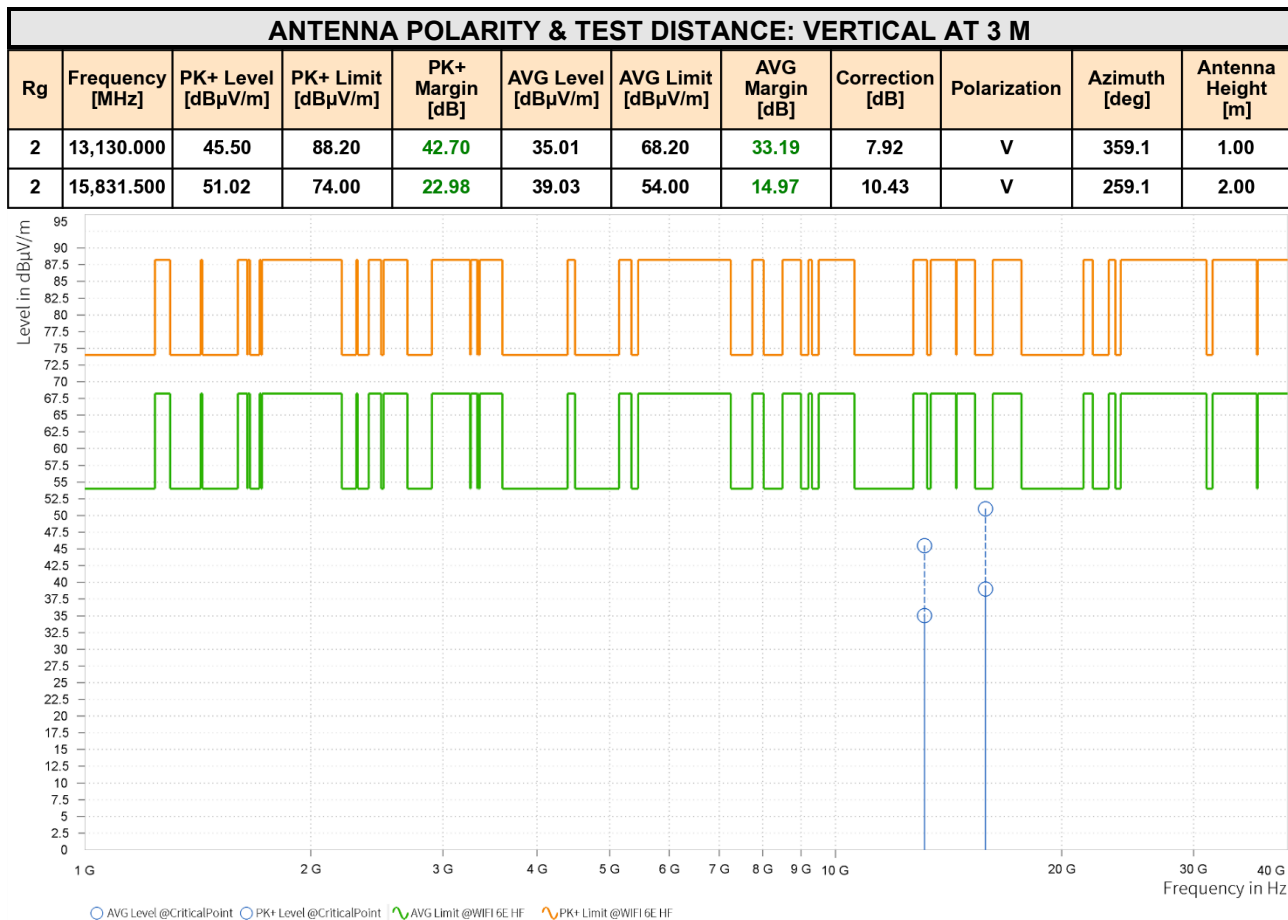
Test Report No.: RF260714B018
802.11ax (40MHz)

CHANNEL	TX Channel 123	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		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	13,130.000	45.06	88.20	43.14	34.49	68.20	33.71	7.92	H	4.3	2.00
2	15,732.500	51.34	74.00	22.66	38.75	54.00	15.25	10.40	H	235.9	1.00



Test Report No.: RF260714B018



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 6165MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.

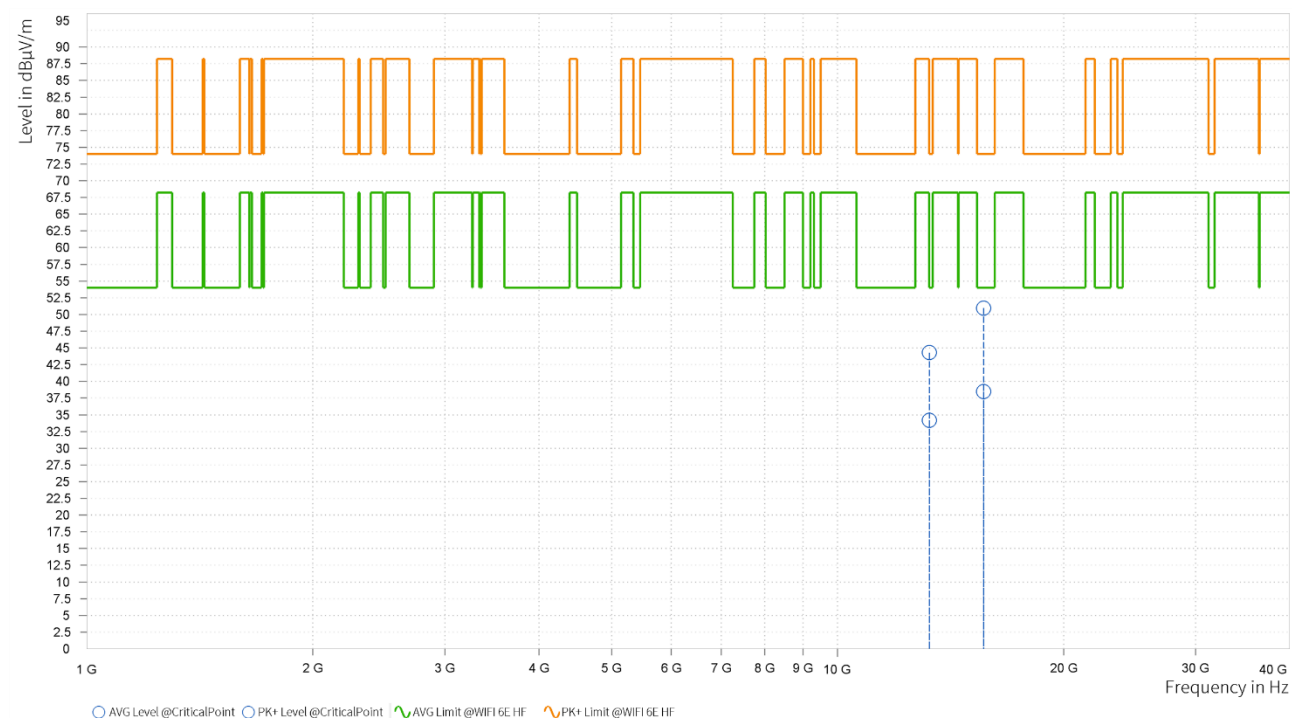


Test Report No.: RF260714B018
802.11ax (80MHz)

CHANNEL	TX Channel 135	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

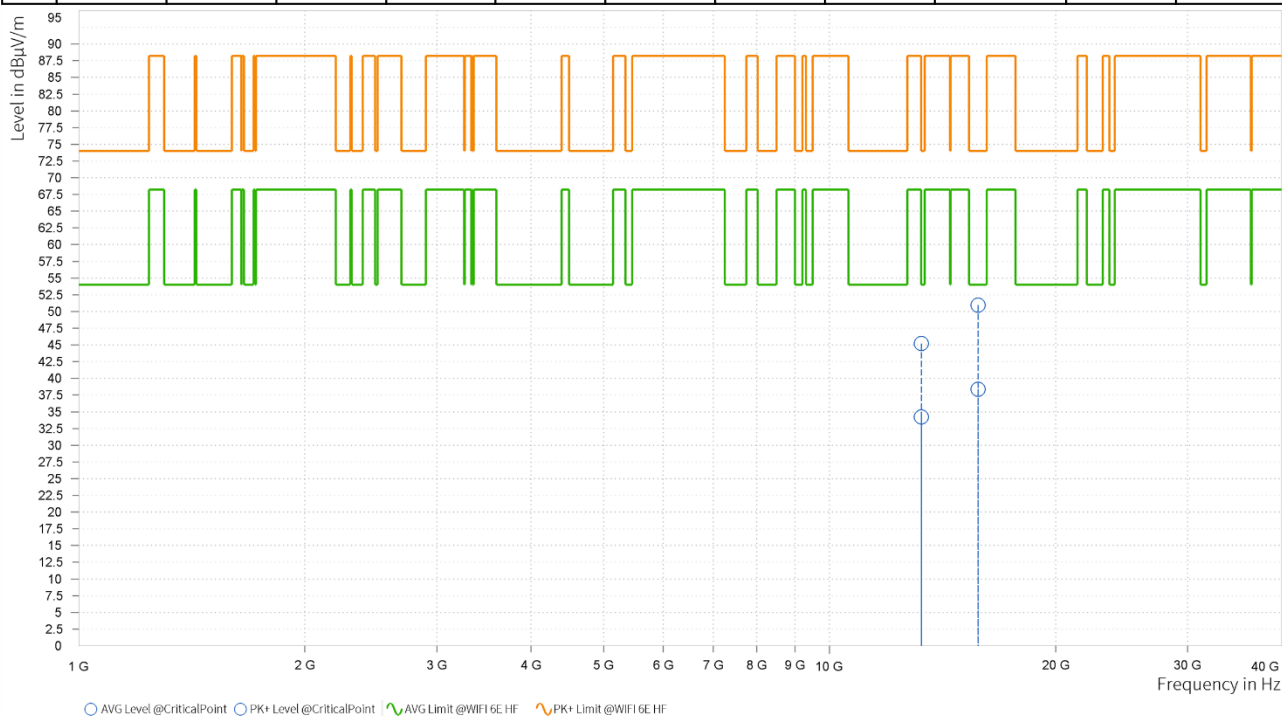
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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	13,250.000	44.30	88.20	43.90	34.20	68.20	34.00	7.83	H	1	2.00
2	15,655.000	50.97	74.00	23.03	38.47	54.00	15.53	10.40	H	94.8	1.00



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	13,250.000	45.20	88.20	43.00	34.22	68.20	33.98	7.83	V	0.9	2.00
2	15,775.500	50.96	74.00	23.04	38.40	54.00	15.60	10.43	V	359.1	1.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Emission level – Limit value.
2. 6965MHz: Fundamental frequency.
3. For frequency above 18GHz, the emission was tested 20db below the limit so the data not recorded in the sheet.



Test Report No.: RF260714B018
802.11ax (160MHz)

CHANNEL	TX Channel 111	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		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	13,010.000	45.79	88.20	42.41	34.23	68.20	33.97	7.79	H	251.4	1.00
2	15,651.500	51.91	74.00	22.09	38.39	54.00	15.61	10.40	H	251.4	1.00

