



ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

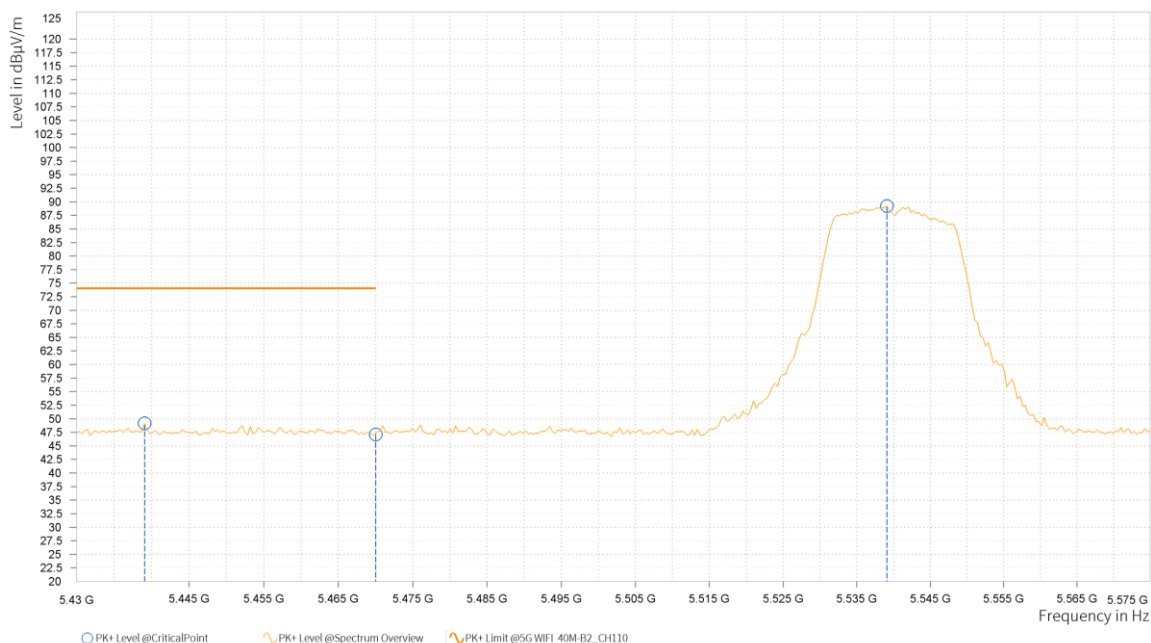
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,464.800	34.26	54.00	19.74	12.12	H	358.8	1.00
6	5,470.000	34.12	54.00	19.88	12.12	H	359.1	1.00
6	5,539.113	80.26			12.19	H	306.5	1.00





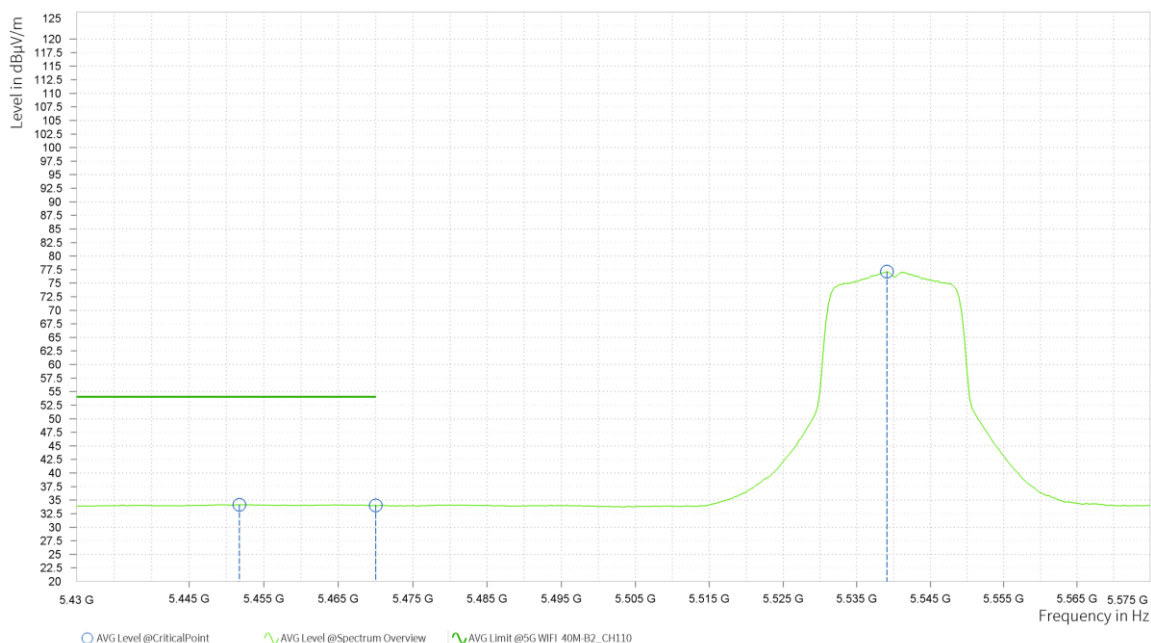
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

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]
6	5,439.063	49.13	74.00	24.87	12.15	V	157	1.00
6	5,470.000	47.10	74.00	26.90	12.12	V	48.7	2.00
6	5,539.113	89.21			12.19	V	354.4	2.00

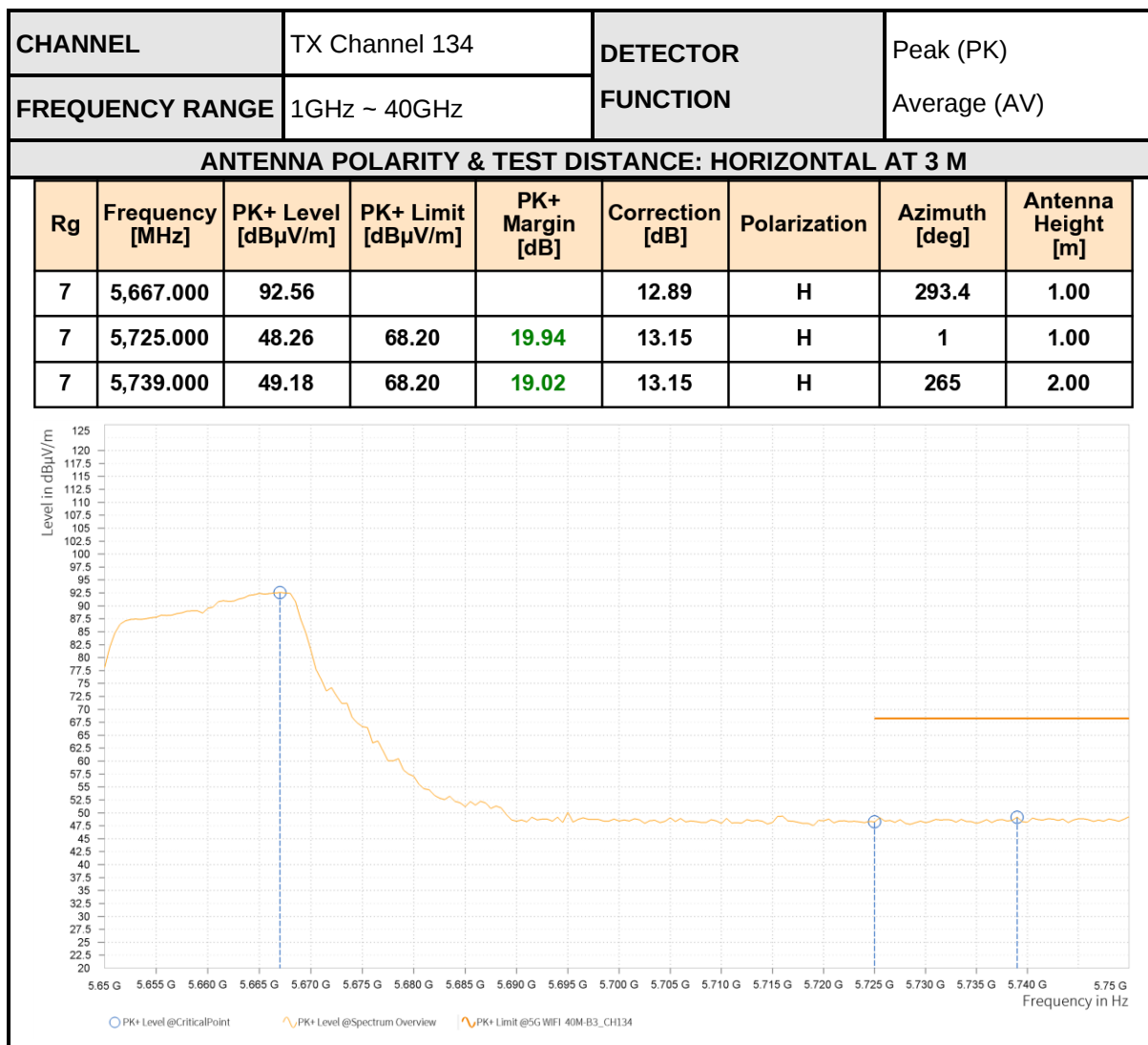


**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,451.750	34.17	54.00	19.83	12.14	V	306.5	1.00
6	5,470.000	34.02	54.00	19.98	12.12	V	359	2.00
6	5,539.113	77.12			12.19	V	355	2.00

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5500MHz: Fundamental frequency.
4. #: Out of restricted band.





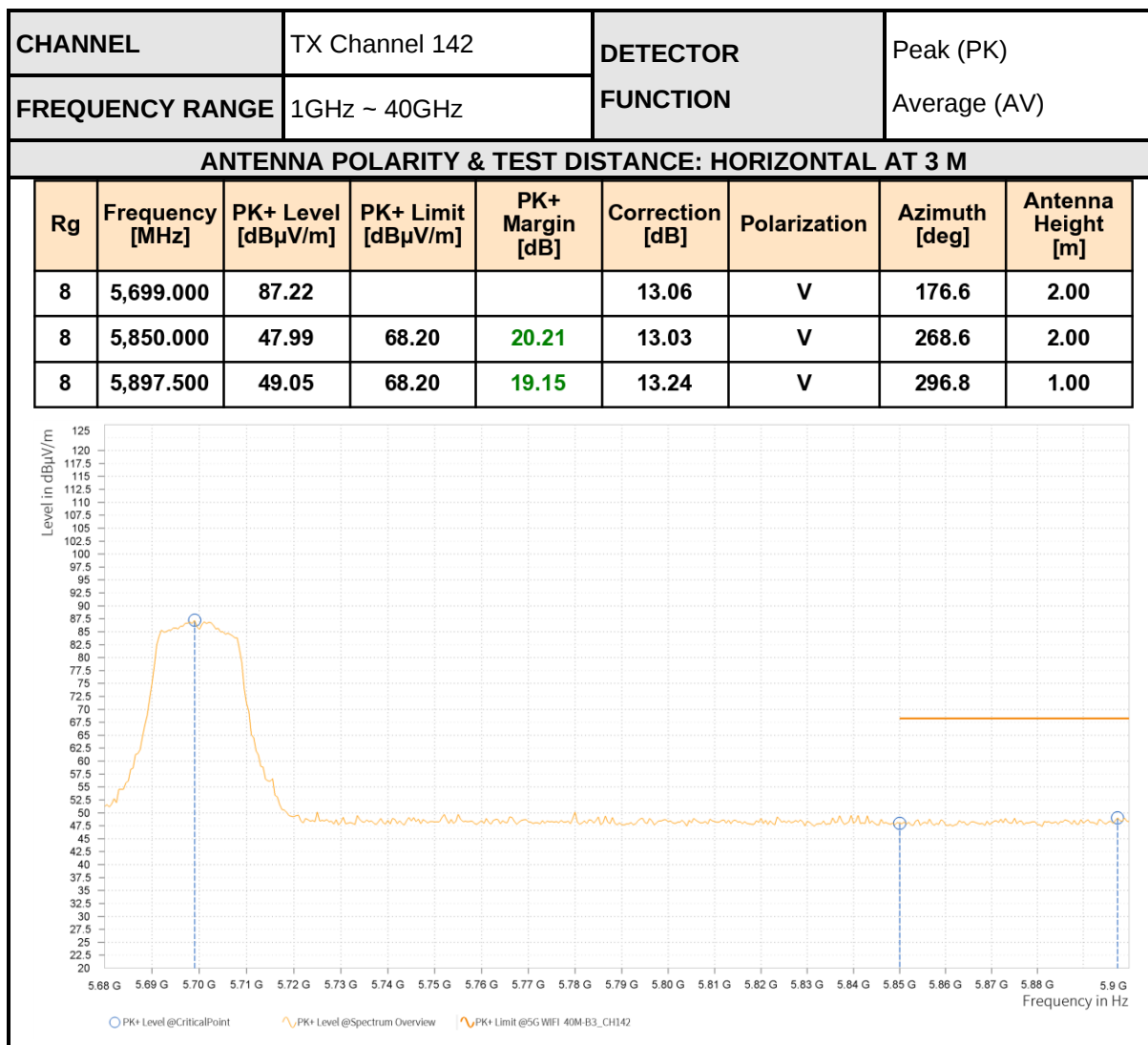
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
6	5,464.800	34.26	54.00	19.74	12.12	H	358.8	1.00
6	5,470.000	34.12	54.00	19.88	12.12	H	359.1	1.00
6	5,539.113	80.26			12.19	H	306.5	1.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5670MHz: Fundamental frequency.
4. #: Out of restricted band.





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]
8	5,699.000	87.22			13.06	V	176.6	2.00
8	5,850.000	47.99	68.20	20.21	13.03	V	268.6	2.00
8	5,897.500	49.05	68.20	19.15	13.24	V	296.8	1.00



REMARKS:

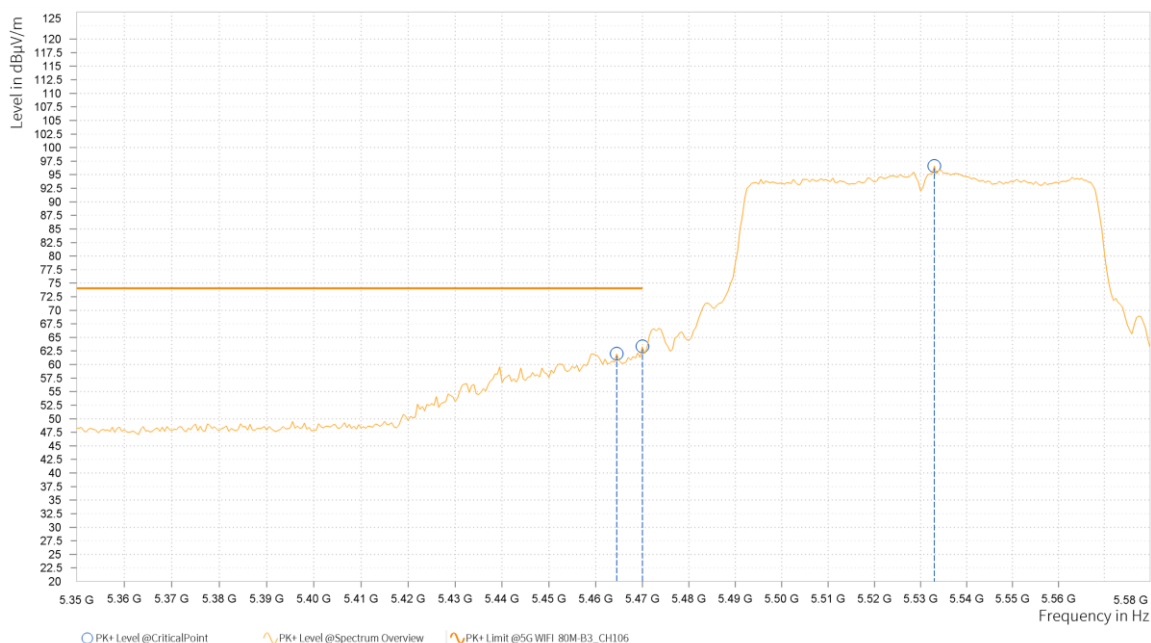
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5710MHz: Fundamental frequency.
4. #: Out of restricted band.

**802.11ac (80MHz)**

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

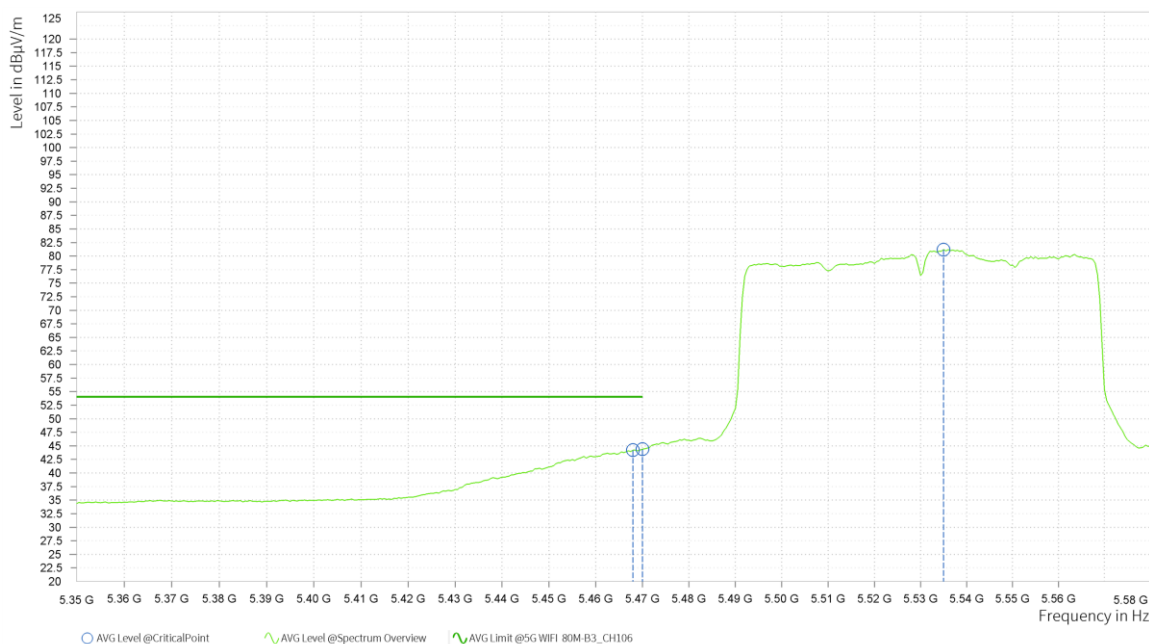
Rg	Frequency [MHz]	PK+ Level [dB μ V/m]	PK+ Limit [dB μ V/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,464.500	61.99	74.00	12.01	12.12	H	1	1.00
3	5,470.000	63.35	74.00	10.65	12.12	H	359.1	1.00
3	5,533.000	96.63			12.17	H	0.9	2.00





ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

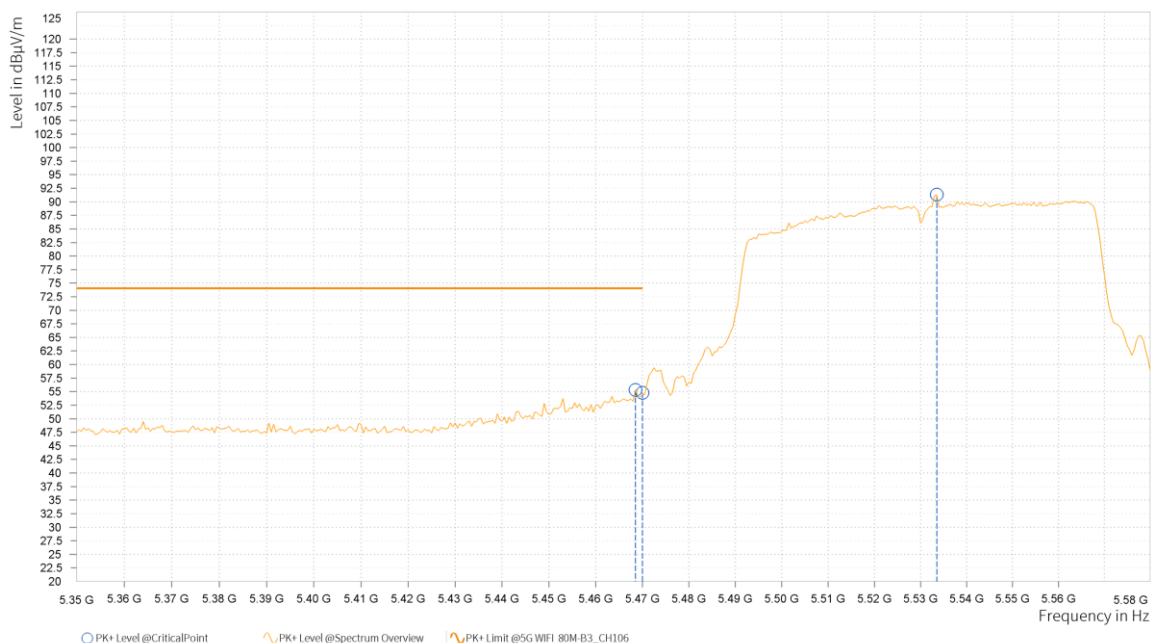
Rg	Frequency [MHz]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,468.000	44.21	54.00	9.79	12.12	H	359.1	1.00
3	5,470.000	44.40	54.00	9.60	12.12	H	359.1	1.00
3	5,535.000	81.18			12.17	H	120.6	2.00





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

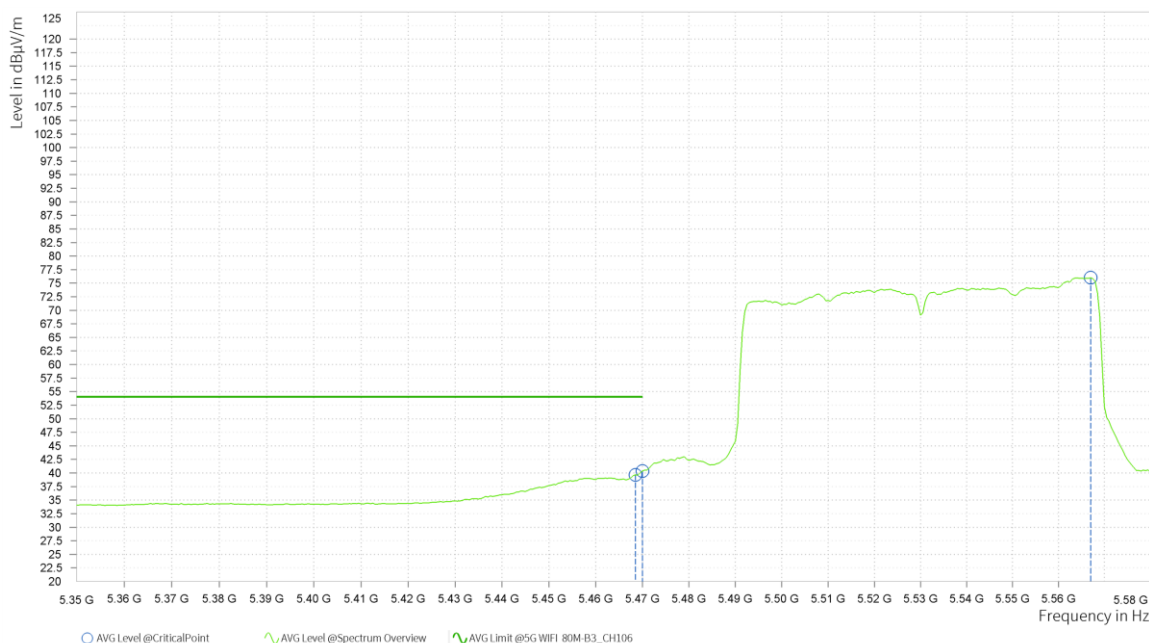
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
3	5,468.500	55.32	74.00	18.68	12.12	V	359	2.00
3	5,470.000	54.80	74.00	19.20	12.12	V	0.9	2.00
3	5,533.500	91.30			12.17	V	26.1	2.00





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]
3	5,468.500	39.67	54.00	14.33	12.12	V	67.9	2.00
3	5,470.000	40.35	54.00	13.65	12.12	V	67.9	2.00
3	5,567.000	75.99			12.33	V	115.8	2.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5530MHz: Fundamental frequency.
4. #: Out of restricted band.

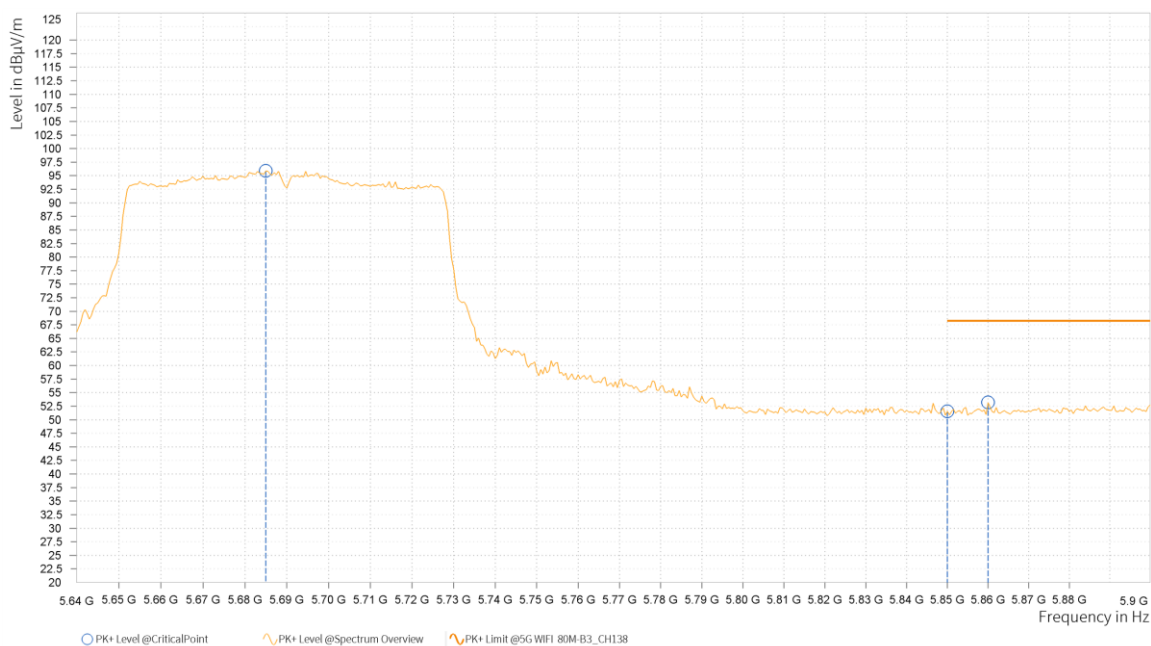


BUREAU VERITAS Test Report No.: PSZ-QSZ2504020109RF06

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

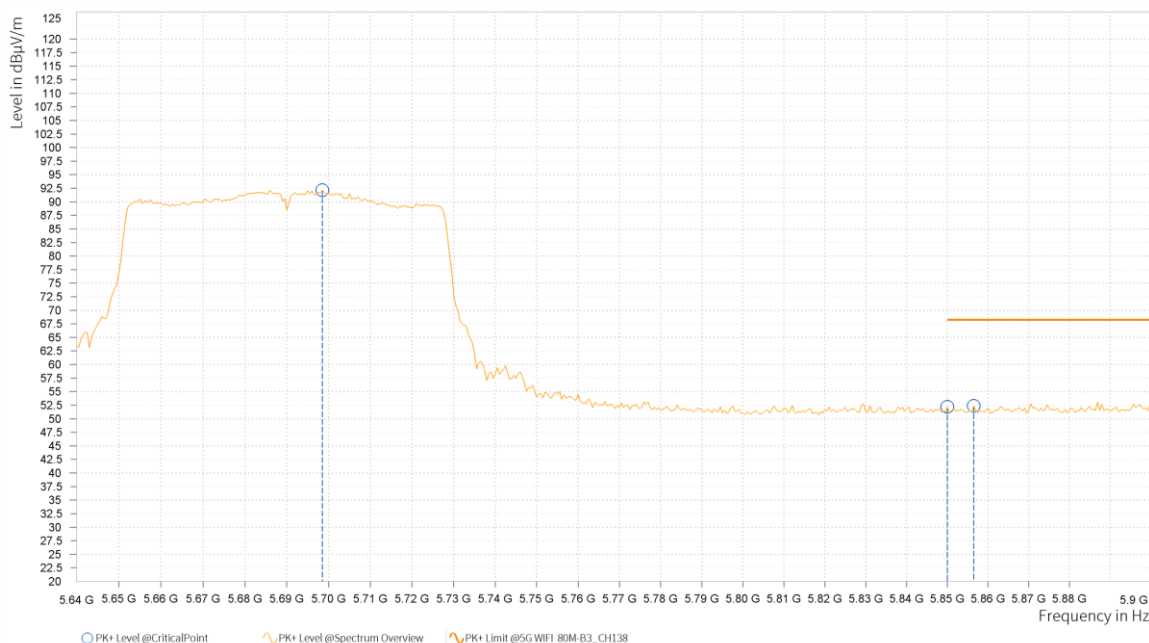
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	5,685.000	95.88			12.99	H	2.1	2.00
5	5,850.000	51.57	68.20	16.63	13.03	H	2.1	2.00
5	5,860.000	53.17	68.20	15.03	13.08	H	2.1	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]
5	5,698.500	92.17			13.06	V	354.4	2.00
5	5,850.000	52.19	68.20	16.01	13.03	V	359	1.00
5	5,856.500	52.41	68.20	15.79	13.06	V	216.8	1.00

**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5690MHz: Fundamental frequency.
4. #: Out of restricted band.



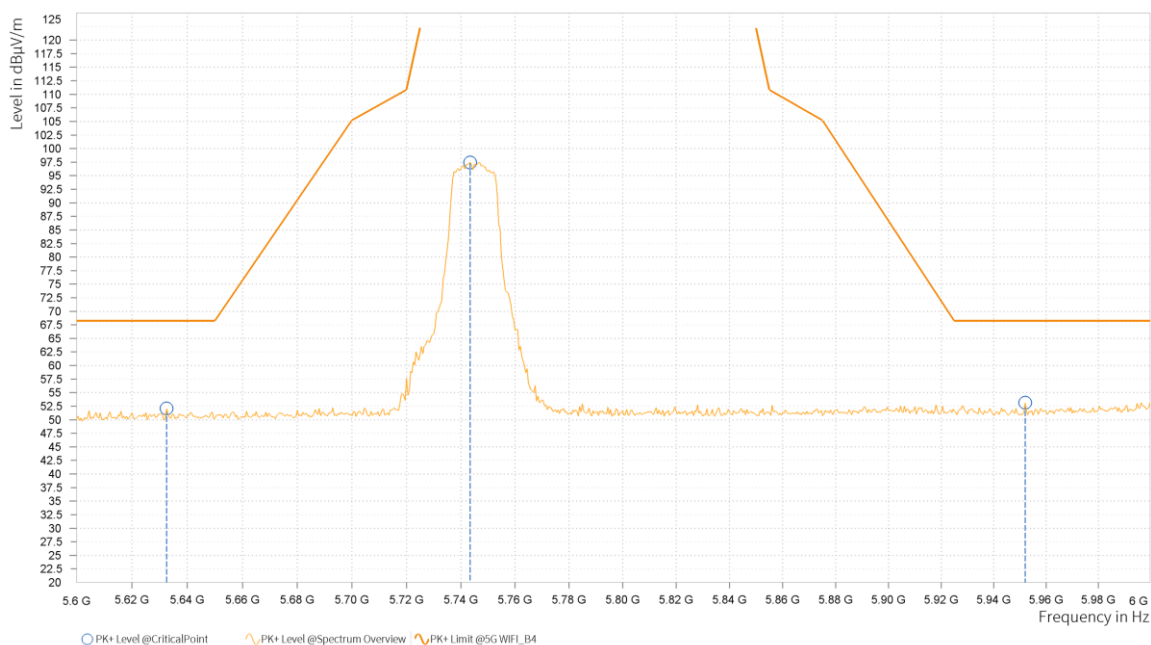
BAND 4

802.11a

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

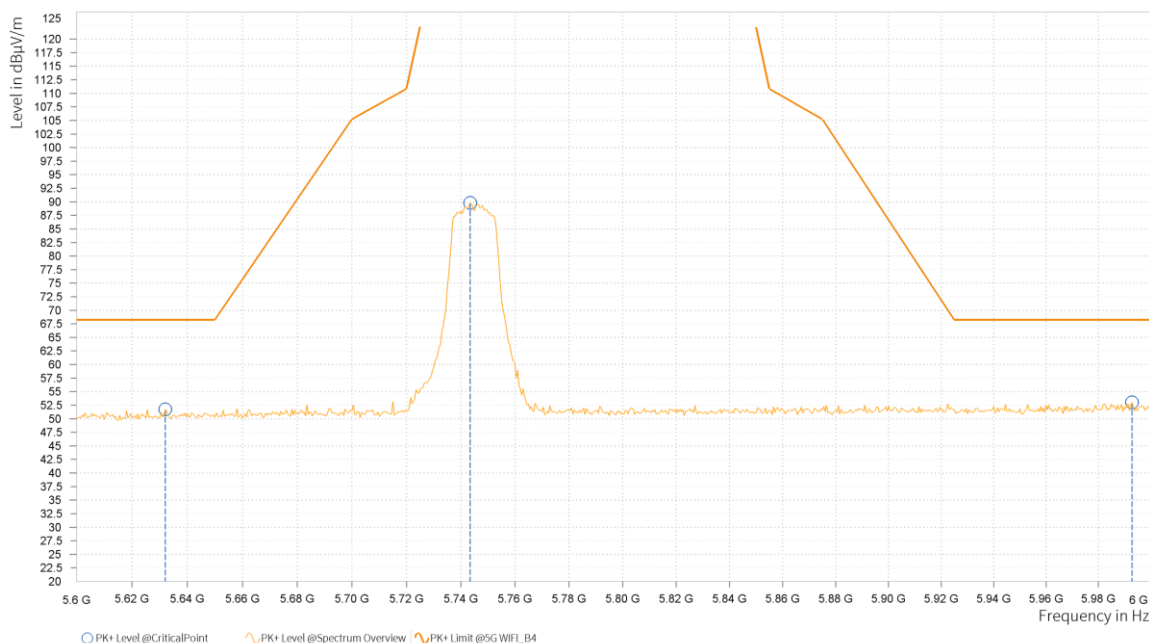
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
12	5,632.500	52.08	68.20	16.12	12.70	H	299.2	1.00
12	5,743.500	97.43			13.15	H	299.2	1.00
12	5,952.000	53.12	68.20	15.08	13.37	H	213.7	2.00

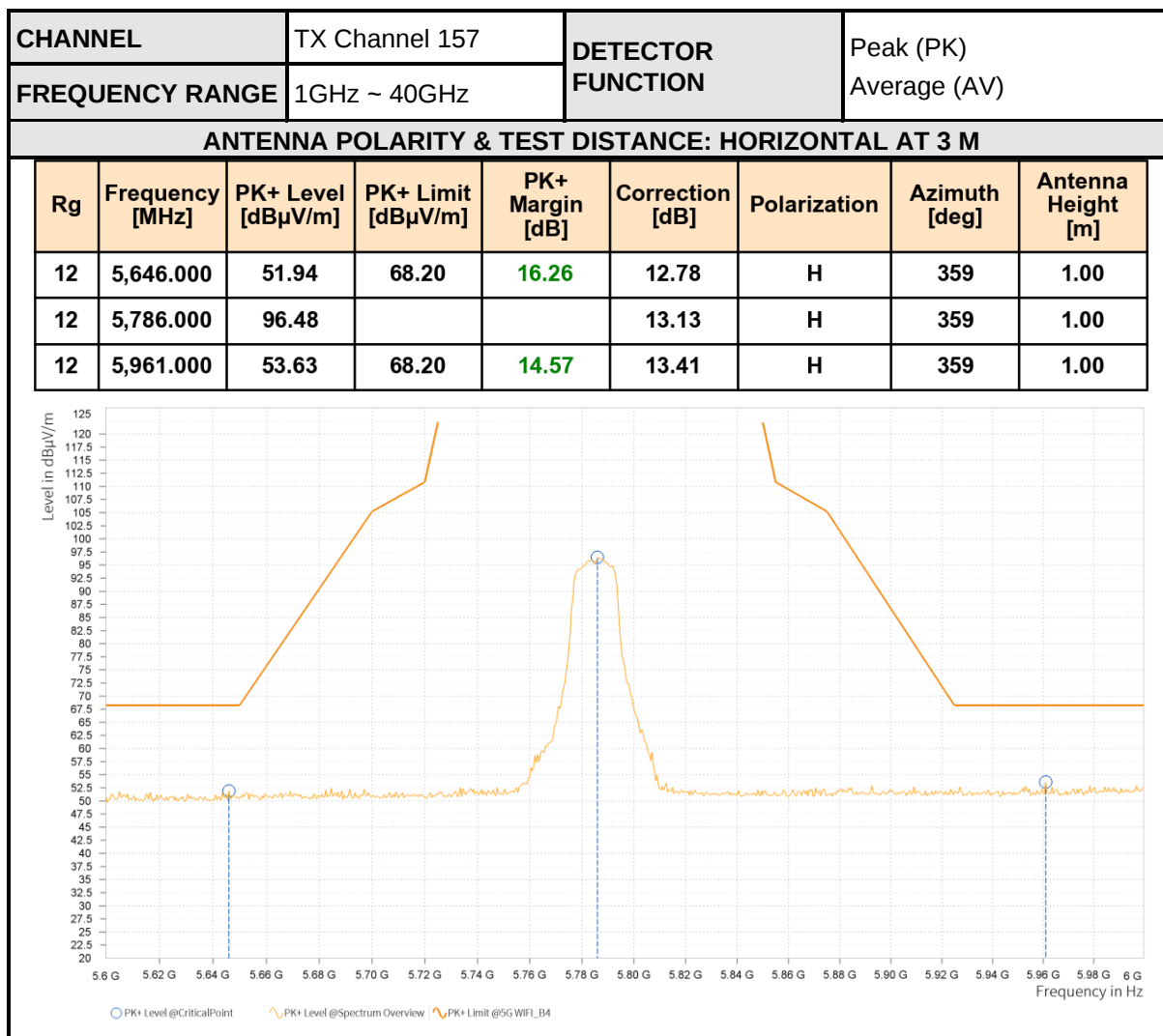


**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
12	5,632.000	51.76	68.20	16.44	12.70	V	60.7	2.00
12	5,743.500	89.82			13.15	V	355.8	2.00
12	5,993.000	53.04	68.20	15.16	13.56	V	1	2.00

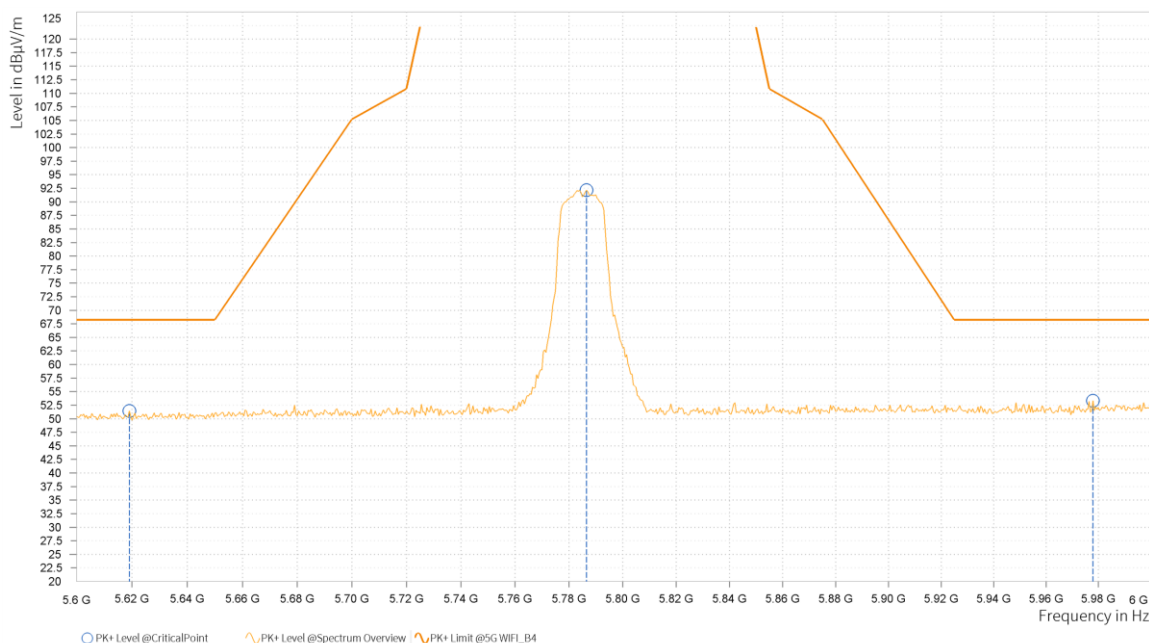
**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5745MHz: Fundamental frequency.

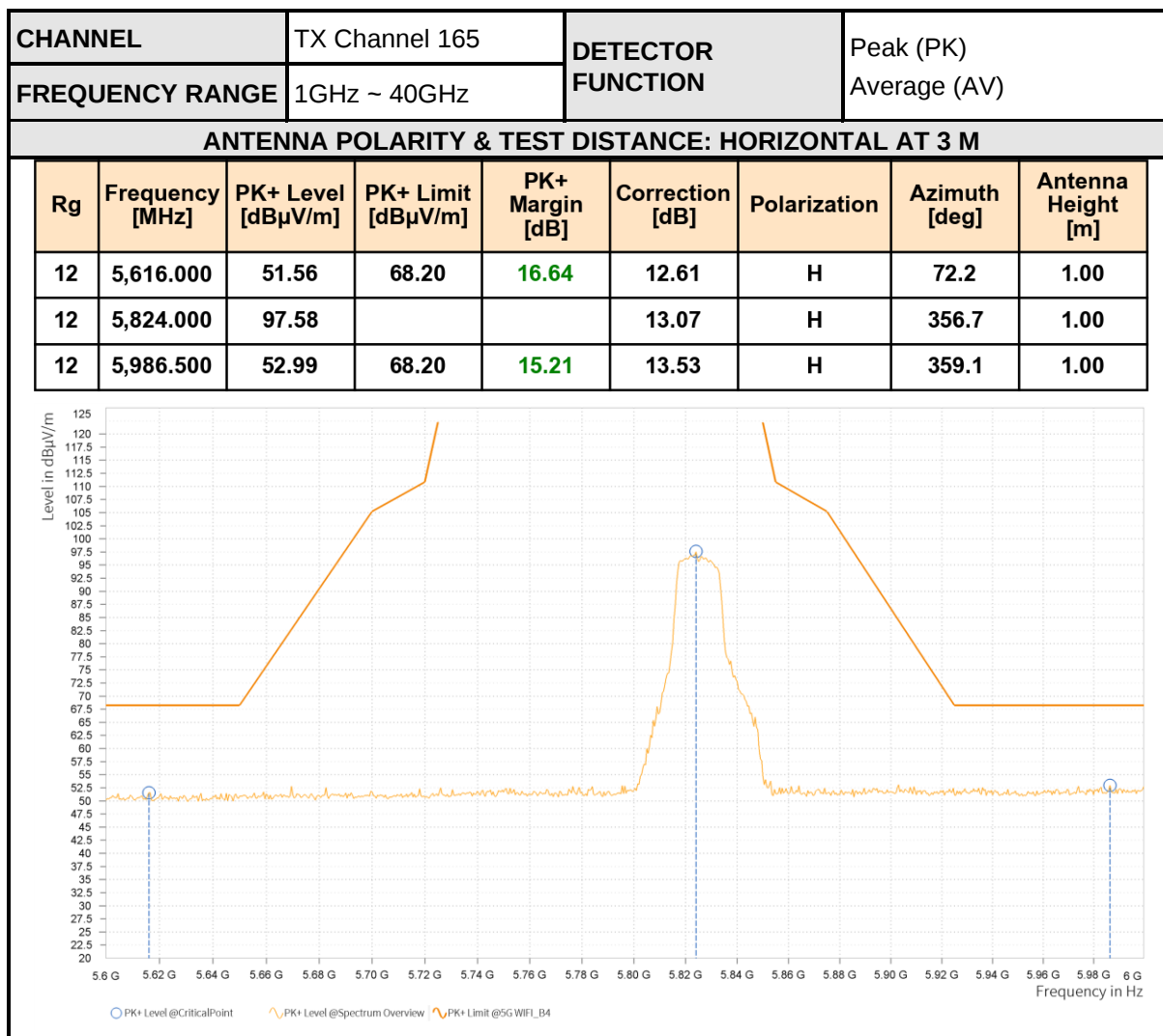


**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
12	5,619.000	51.45	68.20	16.75	12.63	V	359	2.00
12	5,786.500	92.13			13.13	V	359	2.00
12	5,978.000	53.34	68.20	14.86	13.49	V	289	2.00

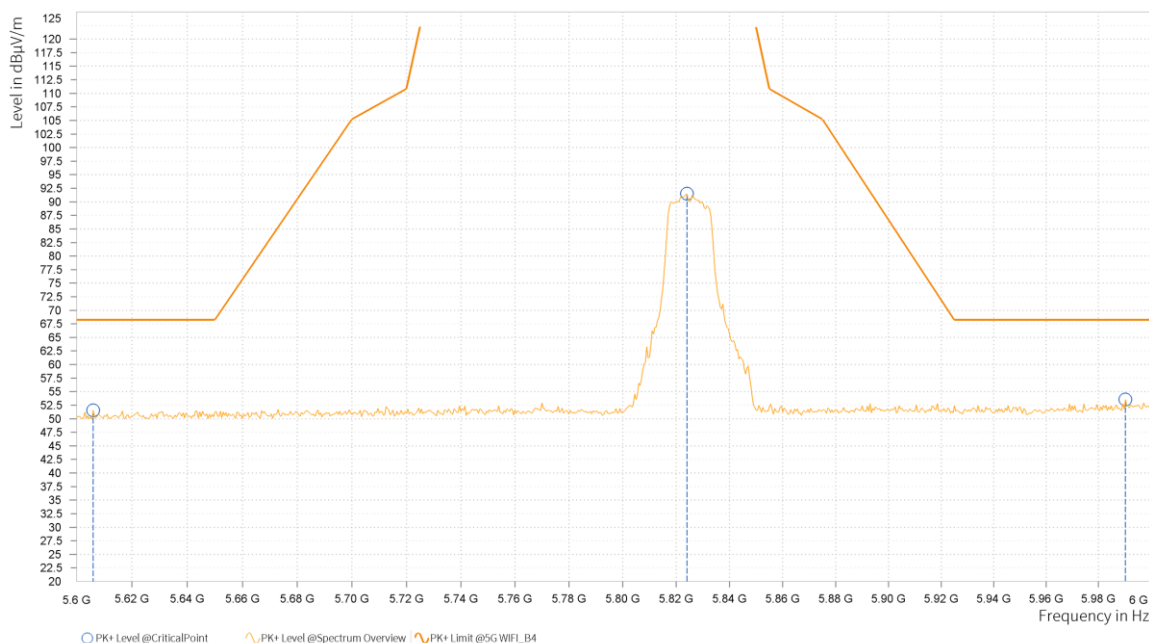
**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5785MHz: Fundamental frequency.



**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]
12	5,606.000	51.56	68.20	16.64	12.56	V	151	1.00
12	5,824.000	91.50			13.07	V	359	2.00
12	5,990.500	53.55	68.20	14.65	13.55	V	359	2.00

**REMARKS:**

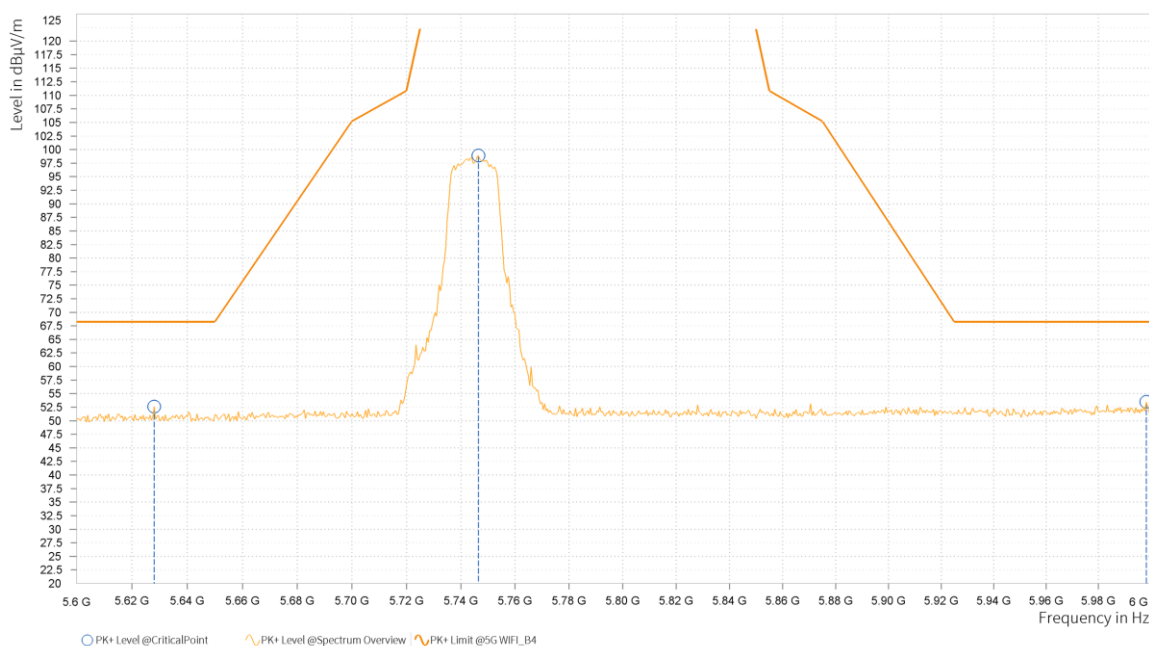
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5825MHz: Fundamental frequency.

**802.11n (20MHz)**

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

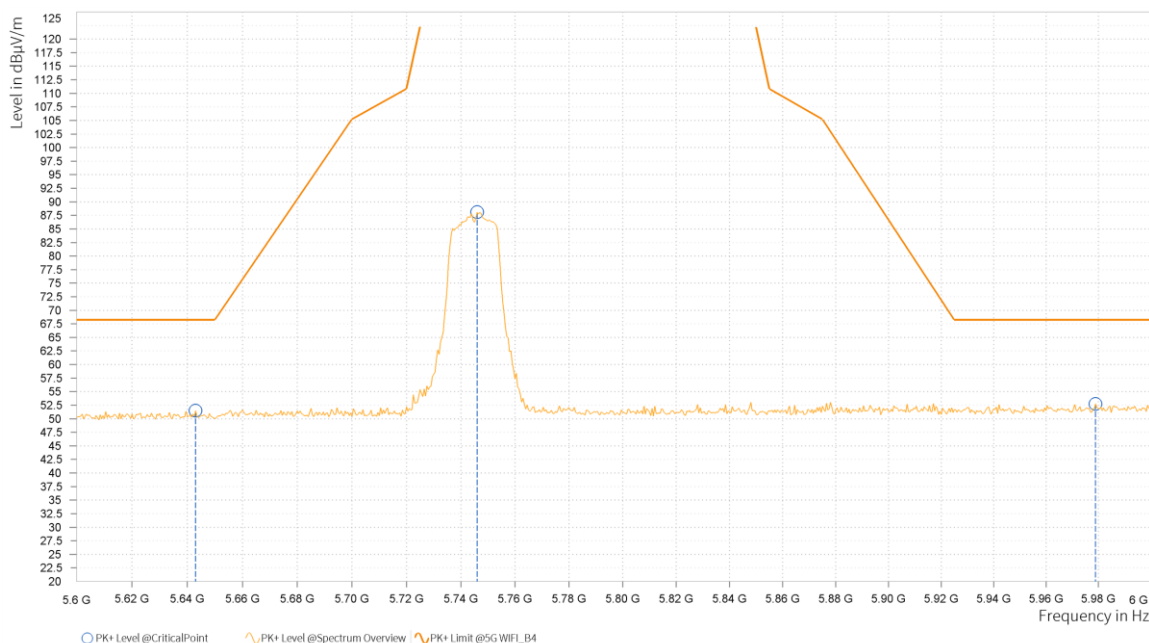
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
12	5,628.000	52.63	68.20	15.57	12.68	H	64.2	2.00
12	5,746.500	98.88			13.14	H	294.6	1.00
12	5,998.500	53.49	68.20	14.71	13.58	H	294.6	1.00





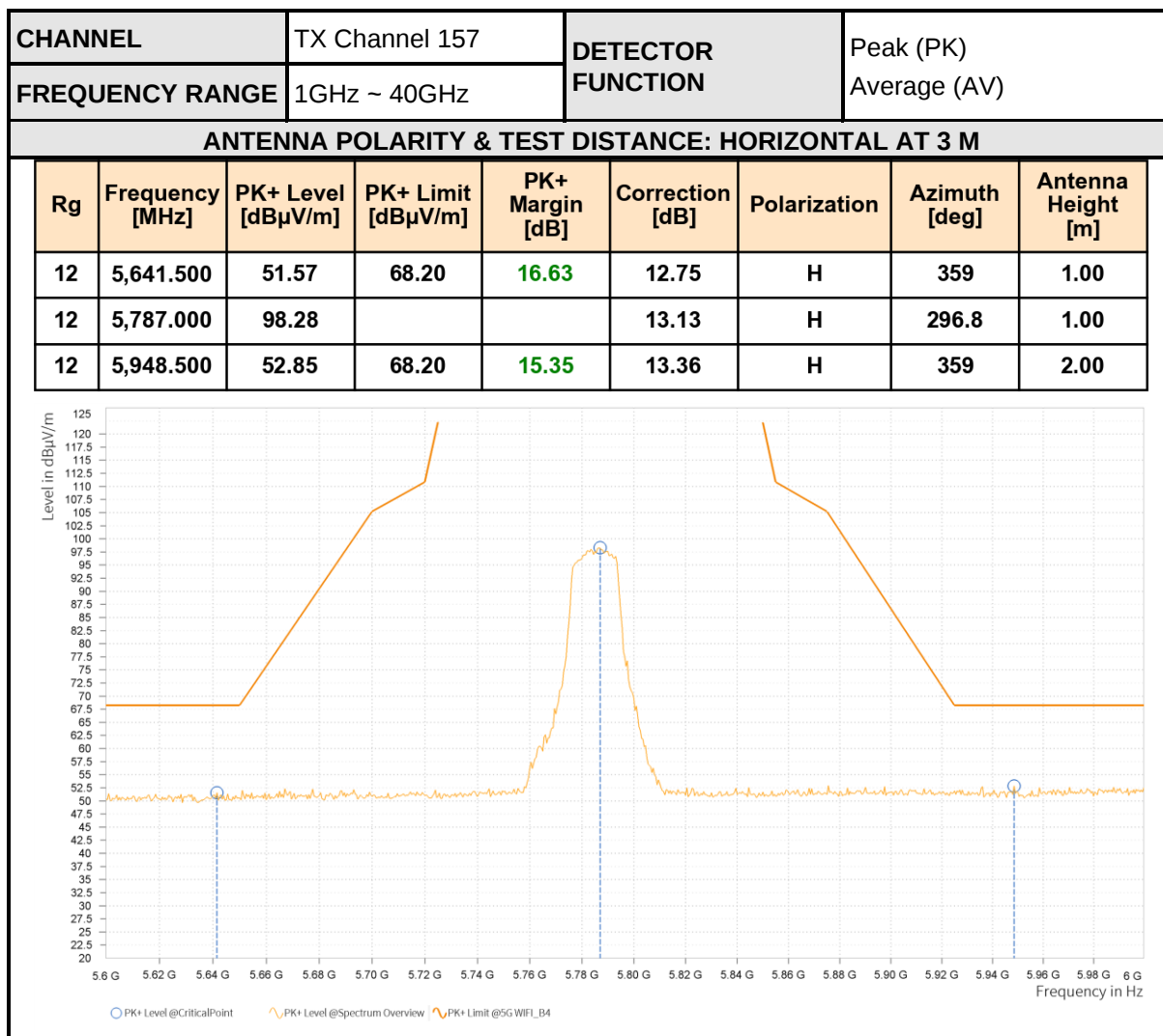
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
12	5,643.000	51.49	68.20	16.71	12.76	V	359.1	1.00
12	5,746.000	88.08			13.14	V	359	2.00
12	5,979.000	52.75	68.20	15.45	13.50	V	358.4	1.00



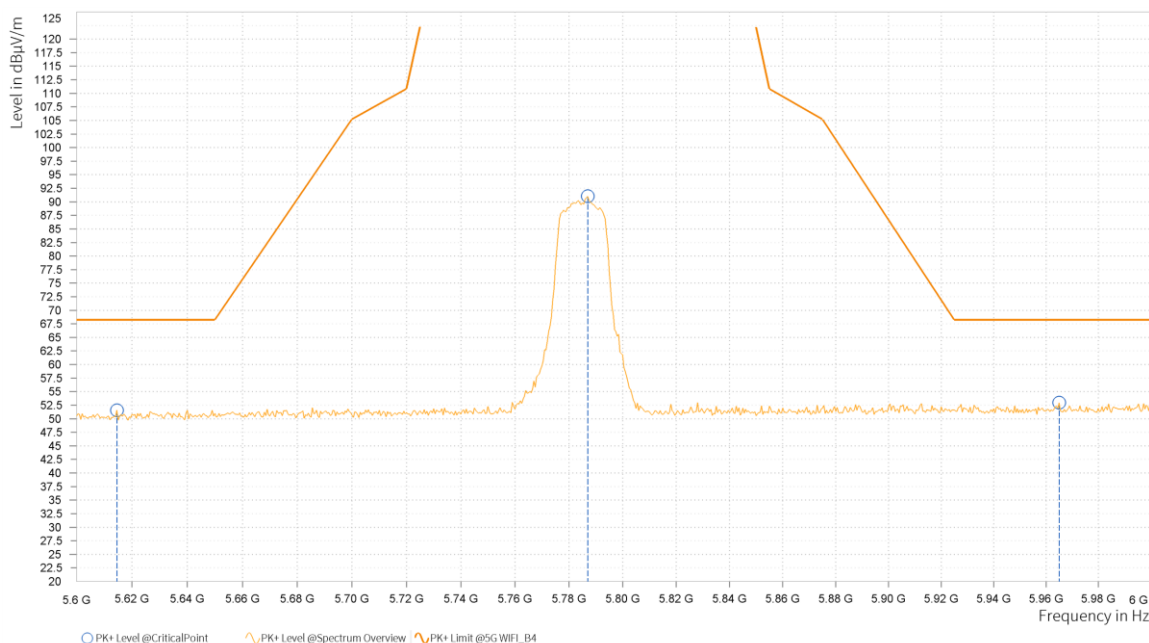
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5745MHz: Fundamental frequency.

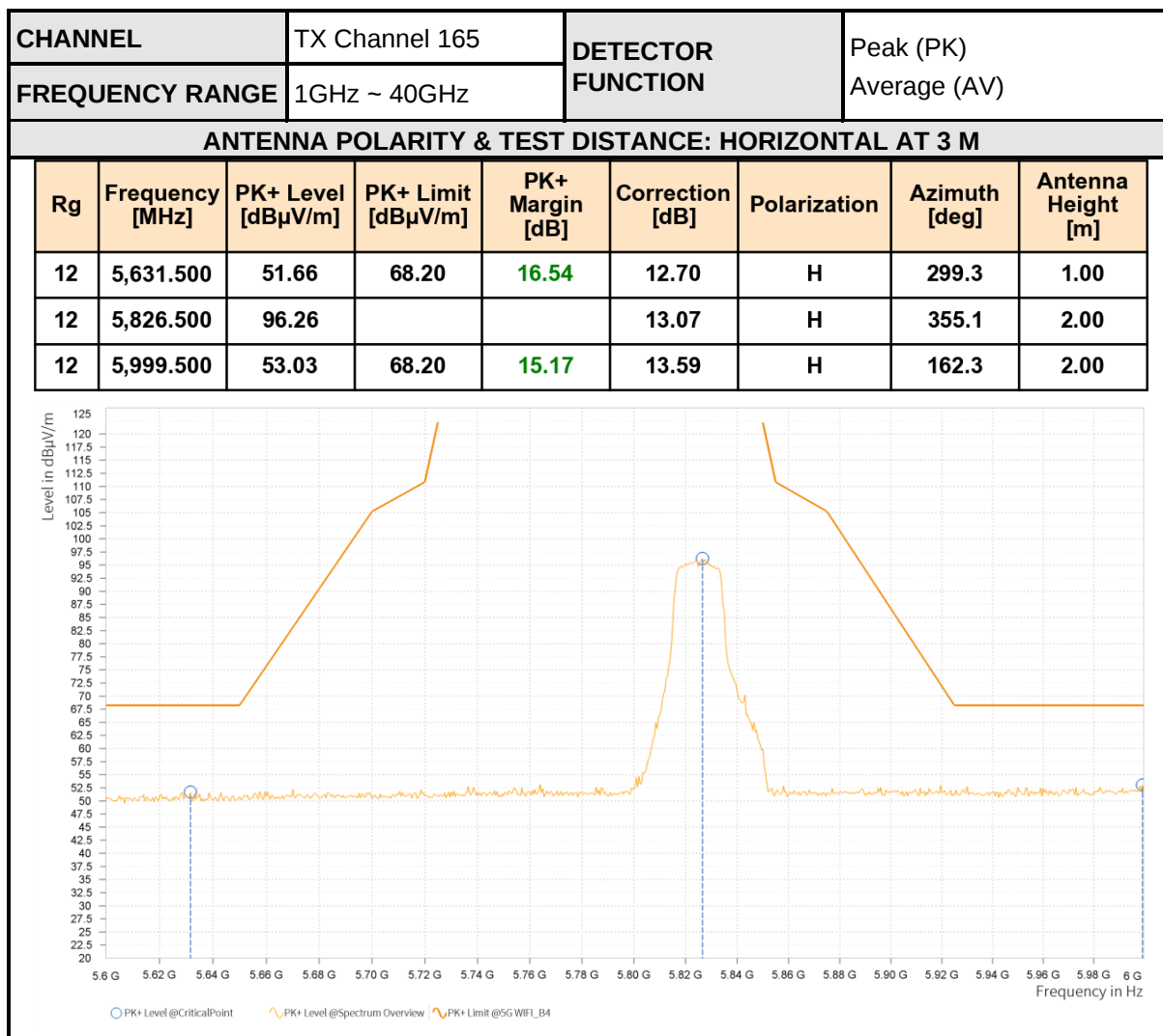


**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
12	5,614.500	51.58	68.20	16.62	12.60	V	359	2.00
12	5,787.000	91.03			13.13	V	359	2.00
12	5,965.000	52.96	68.20	15.24	13.43	V	1	2.00

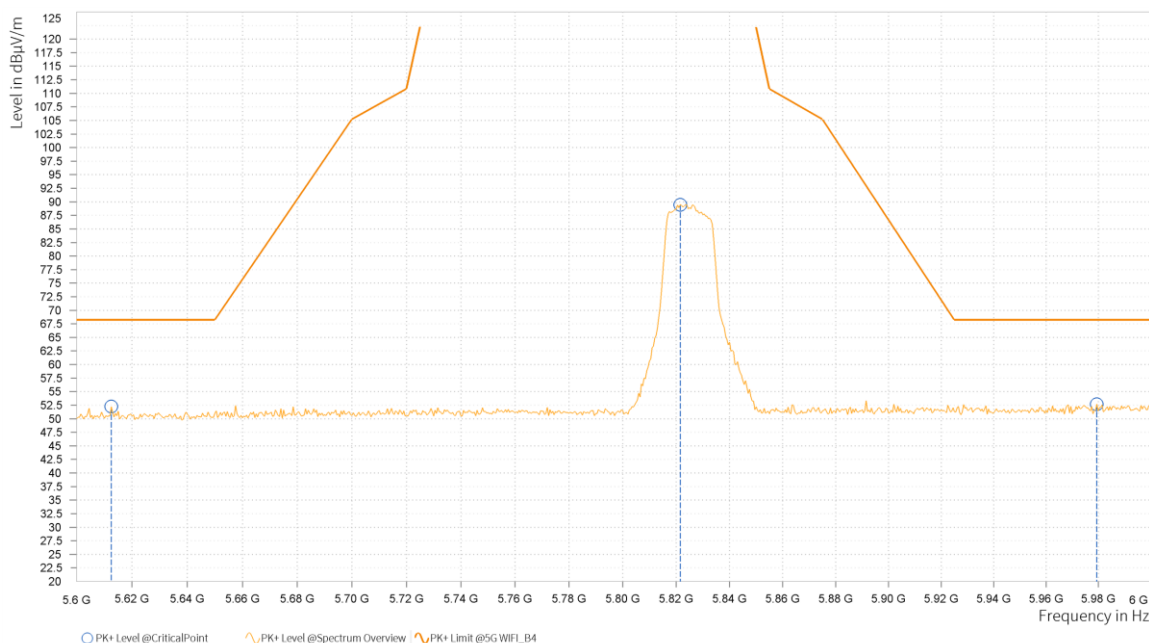
**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5785MHz: Fundamental frequency.



**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]
12	5,612.500	52.25	68.20	15.95	12.59	V	98.4	1.00
12	5,821.500	89.48			13.08	V	359	2.00
12	5,979.500	52.70	68.20	15.50	13.50	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. 5825MHz: Fundamental frequency.

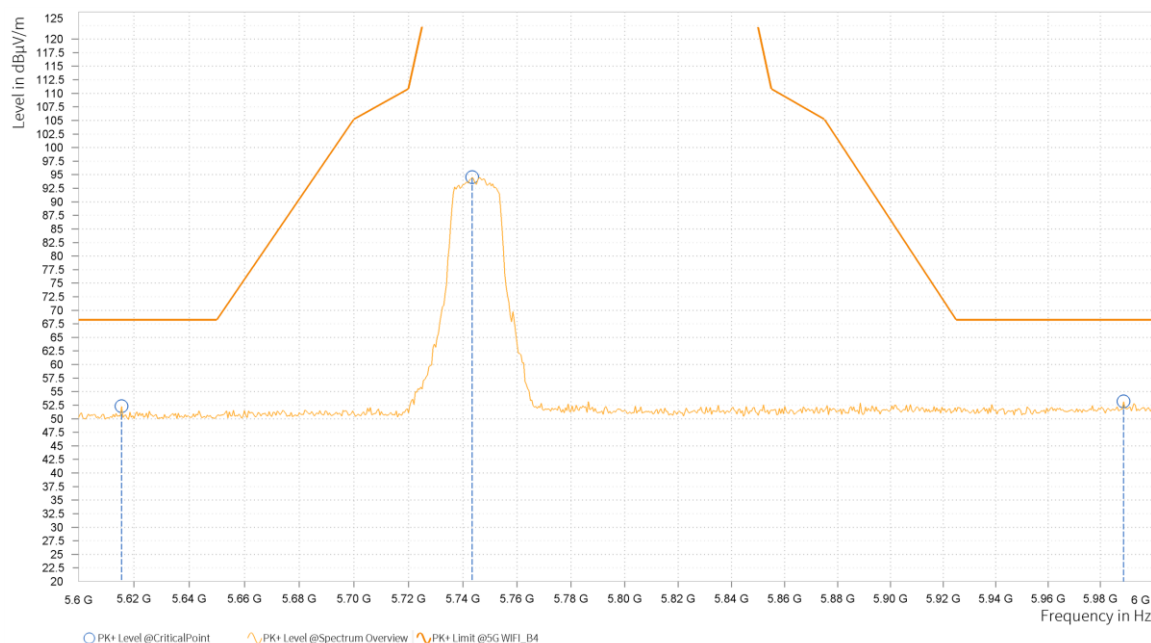


802.11n (40MHz)

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

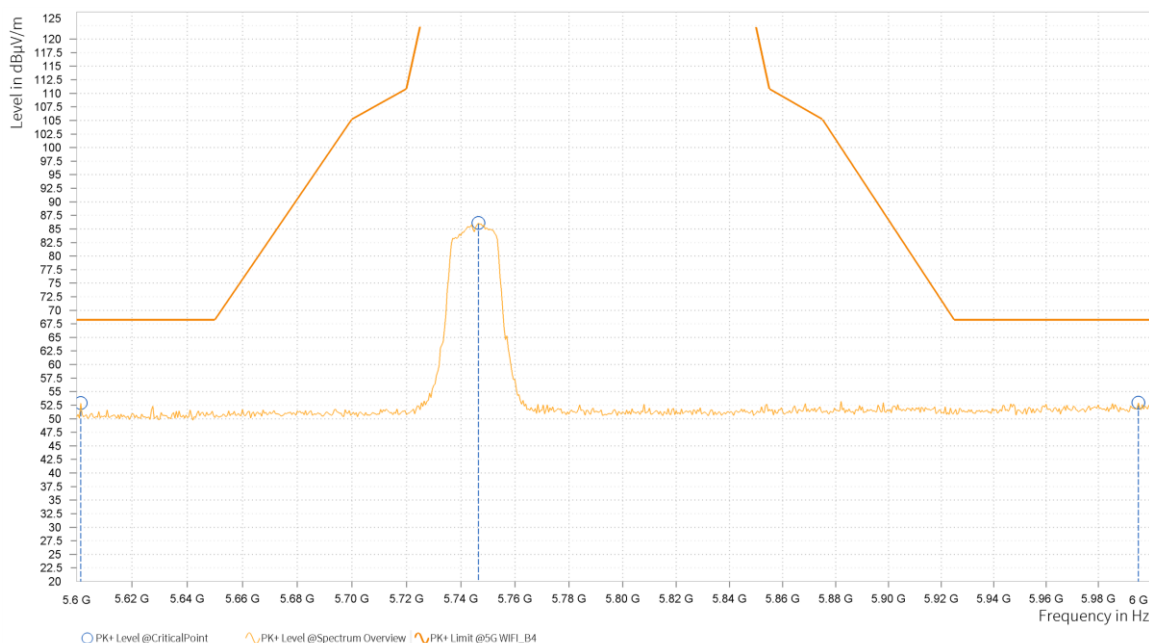
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,615.500	52.31	68.20	15.89	12.61	H	359	1.00
9	5,743.500	94.55			13.15	H	299.4	1.00
9	5,989.000	53.18	68.20	15.02	13.54	H	1.3	2.00

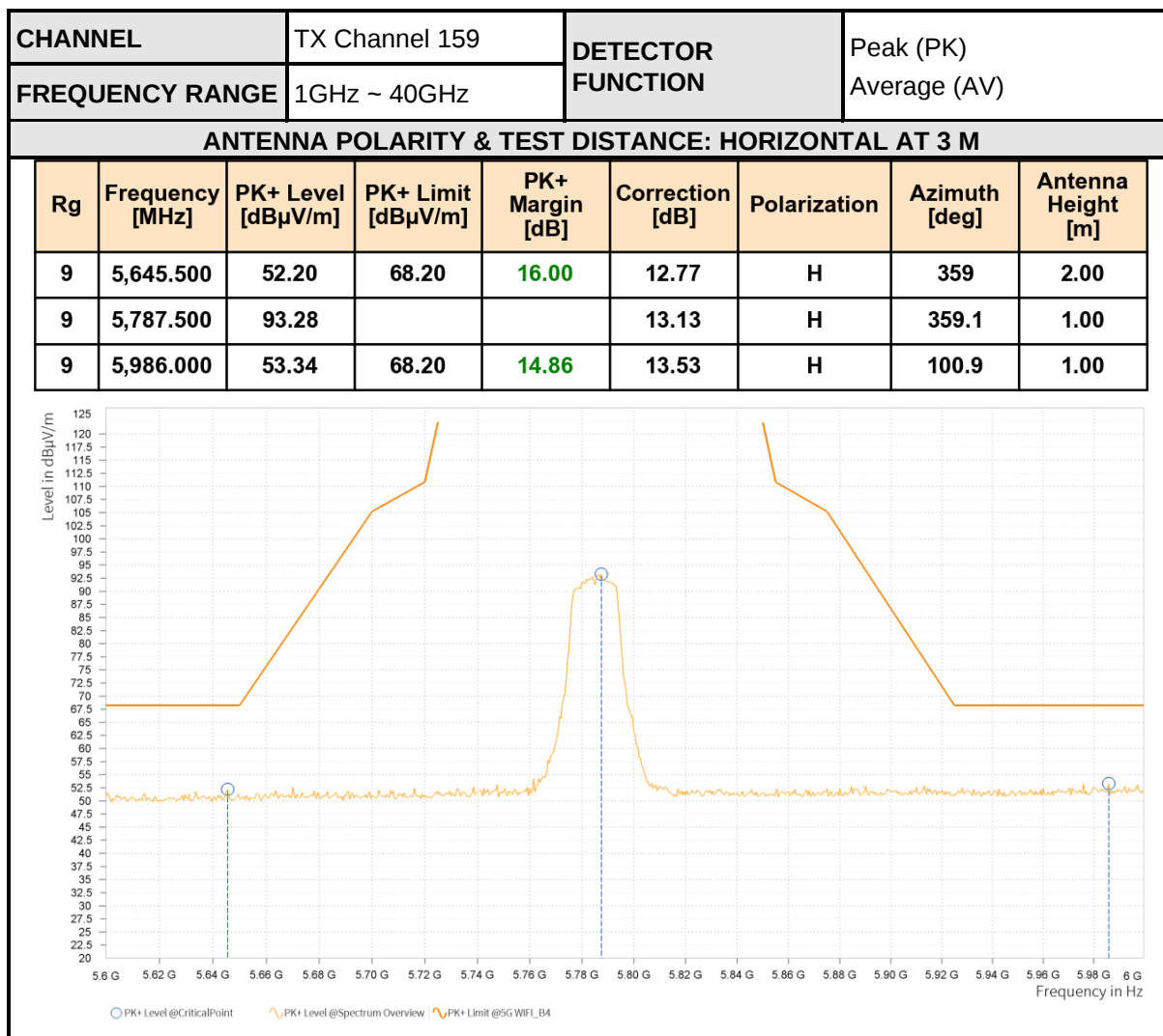


**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
9	5,601.500	52.89	68.20	15.31	12.53	V	345.2	1.00
9	5,746.500	86.11			13.14	V	359	2.00
9	5,995.500	52.96	68.20	15.24	13.57	V	57.1	2.00

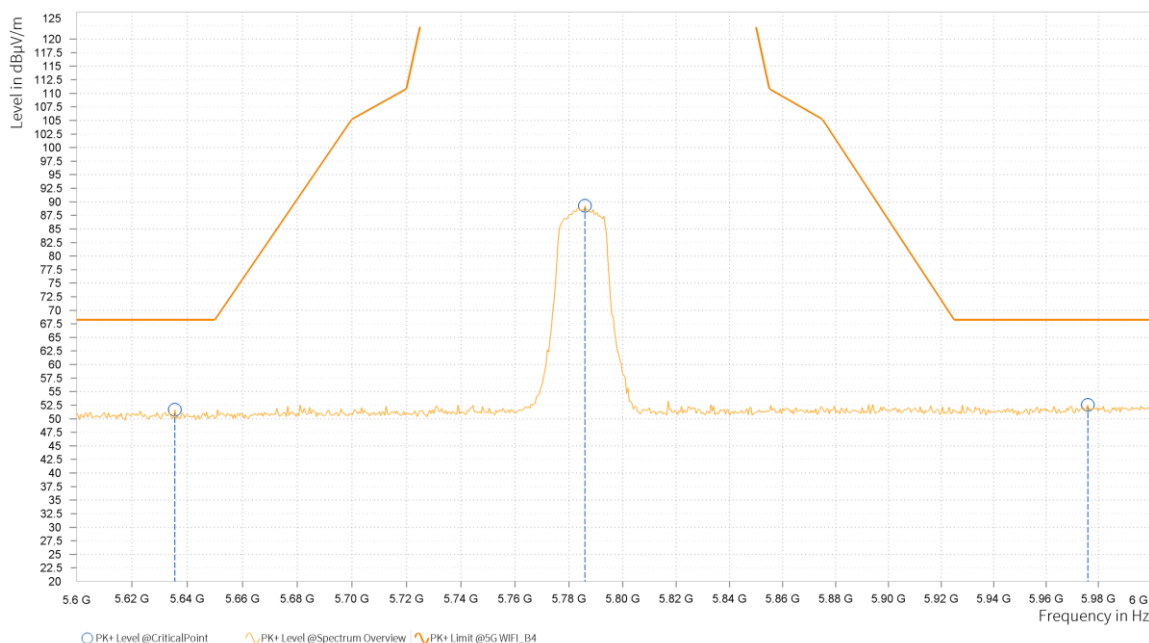
**REMARKS:**

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5755MHz: Fundamental frequency.



**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]
9	5,635.500	51.68	68.20	16.52	12.72	V	259	2.00
9	5,786.000	89.31			13.13	V	359	2.00
9	5,976.000	52.57	68.20	15.63	13.48	V	0.9	2.00

**REMARKS:**

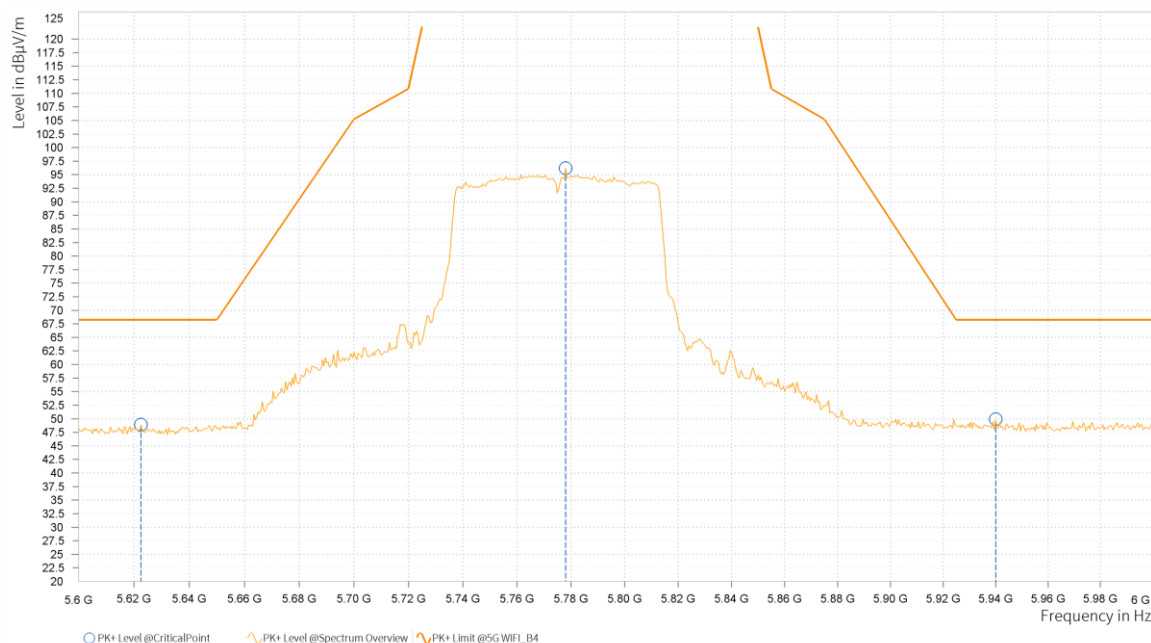
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5795MHz: Fundamental frequency.

**802.11ac (80MHz)**

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

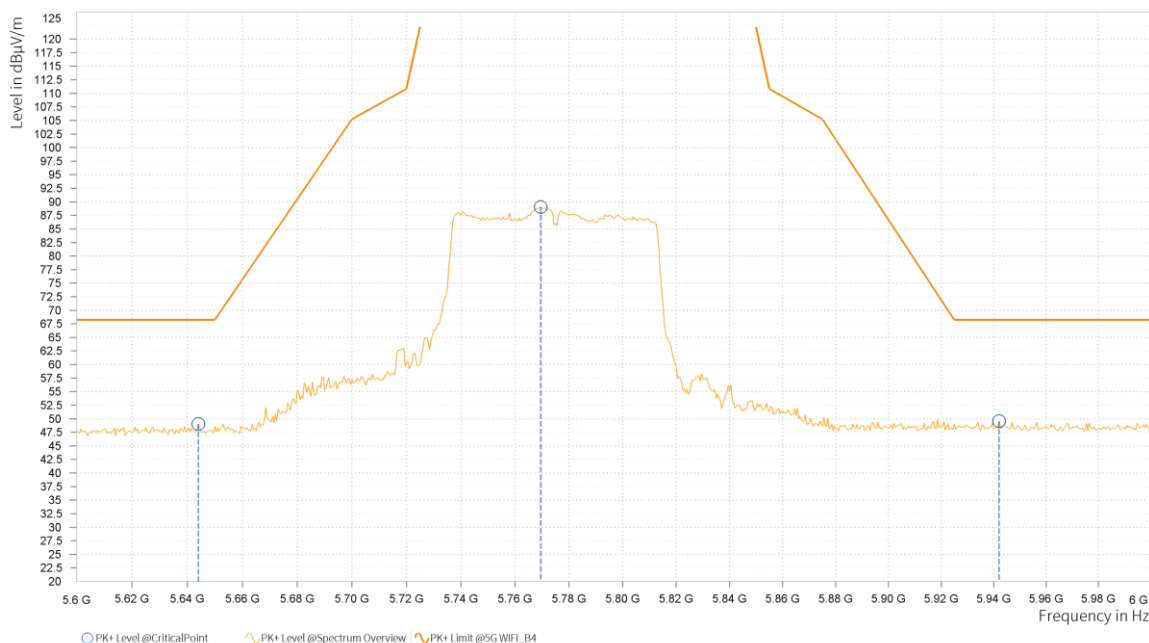
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
8	5,622.500	48.90	68.20	19.30	12.65	H	4.8	1.00
8	5,778.000	96.22			13.13	H	26	2.00
8	5,940.000	49.89	68.20	18.31	13.34	H	359.1	1.00





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]
8	5,644.000	49.04	68.20	19.16	12.77	V	1.1	2.00
8	5,769.500	89.02			13.13	V	65.5	2.00
8	5,942.000	49.54	68.20	18.66	13.35	V	54.2	1.00



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
2. Margin value = Limit value- Emission level.
3. 5775MHz: Fundamental frequency.



RADIATED EMISSION

BELOW 1GHz WORST-CASE DATA

Band			
802.11A			
CHANNEL	TX Channel 157	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	44.211	24.50	40.00	15.50	-8.95	H	45.1	2.00	120.000
1	59.343	25.25	40.00	14.75	-9.98	H	359.1	1.00	120.000
1	132.432	20.26	43.50	23.24	-14.02	H	0.9	2.00	120.000
1	235.349	20.50	46.00	25.50	-8.45	H	0.9	2.00	120.000
1	387.833	21.49	46.00	24.51	-3.12	H	45.1	2.00	120.000
1	825.691	25.17	46.00	20.83	1.02	H	0.9	2.00	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 = Limit value- Emission level.

