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CHINA CERTIFICATION ICT CO., LTD (DONGGUAN)



TEST REPORT

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FCC ID: V7TA33V2

IC: 9034A-A33V2

HVIN: A33V2

Product Name: FCC:

AX3000 Dual-Band Gigabit Wi-Fi Range Extender

AX1800 Dual-Band Gigabit Wi-Fi Range Extender

IC:

AX3000 Dual-Band Gigabit Wi-Fi Range Extender

Standard(s): 47 CFR Part 15, Subpart E(15.407)

RSS-247 Issue 4, July 24, 2025

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ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 +

Errata to C63.10a-2024

KDB 789033 D02 General U-NII Test Procedures New Rules v02r01

The above device has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the Room 101 & 201, Building 2, 256 Pingdong Road, Dalang Town, Dongguan City, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 442868, the FCC Designation No. : CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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Each test item follows the test standard(s) without deviation.

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
1.0	2603U28676E-RF-00B	Original Report	2026-08-18

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

1.1.1 General

EUT Name:	FCC: AX3000 Dual-Band Gigabit Wi-Fi Range Extender AX1800 Dual-Band Gigabit Wi-Fi Range Extender IC: AX3000 Dual-Band Gigabit Wi-Fi Range Extender
EUT Model:	A33
Multiple Model:	A23(only for FCC)
Operation Frequency:	Band 1: 5180-5240 MHz (802.11a/n ht20/ac vht20/ax he20) 5190-5230 MHz (802.11n ht40/ac vht40/ax he40) 5210 MHz (802.11ac vht80/ax he80) Band 2: 5260-5320 MHz (802.11a/n ht20/ac vht20/ax he20) 5270-5310 MHz (802.11n ht40/ac vht40/ax he40) 5290 MHz (802.11ac vht80/ax he80) 5250 MHz (802.11ac vht160/ax he160) Band 4: 5745-5825 MHz (802.11a/n ht20/ac vht20/ax he20) 5755-5795 MHz (802.11n ht40/ac vht40/ax he40) 5775 MHz (802.11ac vht80/ax he80)
Maximum Average Conducted Output Power:	17.29dBm in 5150-5250 MHz Band 16.14dBm in 5250-5350 MHz Band 16.50dBm in 5150-5250 MHz Band&5250-5350 MHz Band 16.10dBm in 5725-5850 MHz Band
Maximum EIRP:	21.88dBm in 5150-5250 MHz Band 20.87dBm in 5250-5350 MHz Band 21.23dBm in 5150-5250 MHz Band&5250-5350 MHz Band
Modulation Type:	802.11a/n/ac: OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Rated Input Voltage:	AC 120V
Sample Number:	3OAN-3(for RF Conducted Test) 3OAN-1 (for Conducted emissions&Radiated Spurious Emissions Test)
EUT Received Date:	2026.6.17
EUT Received Status:	Good
Note: The multiple models are electrically identical with the test model. Please refer to the declaration letter for more detail, which was provided by manufacturer.	

1.1.2 Operation Frequency Detail

For 802.11a/n ht20/ac vht20/ax he20:

5150-5250MHz Band		5250-5350 MHz Band		5725-5850MHz Band	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	52	5260	149	5745
40	5200	56	5280	153	5765
44	5220	60	5300	157	5785
48	5240	64	5320	161	5805
/	/	/	/	165	5825

Per section 15.31(m), the below channels were performed the test as below:

Test Channel	Test Frequency (MHz)		
	5150-5250 MHz	5250-5350 MHz	5725-5850 MHz
Lowest	5180	5260	5745
Middle	5200	5280	5785
Highest	5240	5320	5825

For 802.11n ht40/ac vht40/ax he40:

5150-5250MHz		5250-5350 MHz		5725-5850MHz	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270	151	5755
46	5230	62	5310	159	5795

Per section 15.31(m), the below channels were performed the test as below:

Test Channel	Test Frequency (MHz)		
	5150-5250 MHz	5250-5350 MHz	5725-5850 MHz
Lowest	5190	5270	5755
Middle	/	/	/
Highest	5230	5310	5795

For 802.11ac vht80/ax he80:

5150-5250MHz		5250-5350 MHz		5725-5850MHz	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	58	5290	155	5775

Per section 15.31(m), the below channels were performed the test as below:

Test Channel	Test Frequency (MHz)		
	5150-5250 MHz	5250-5350 MHz	5725-5850 MHz
Lowest	/	/	/
Middle	5210	5290	5775
Highest	/	/	/

For 802.11ac vht160/ax he160:

5150-5250MHz & 5250-5350 MHz		5725-5850MHz	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
50	5250	/	/

Per section 15.31(m), the below channels were performed the test as below:

Test Channel	Test Frequency (MHz)	
	5150-5250 MHz & 5250-5350 MHz	5725-5850 MHz
Lowest	/	/
Middle	5250	/
Highest	/	/

1.1.3 Antenna Information Detail ▲

Antenna	Antenna Type	input impedance (Ohm)	Frequency Range	Antenna Gain (dBi)
Chain 0	PCB	50	5.15~5.25GHz	4.46
			5.25~5.35 GHz	4.47
			5.725~5.85 GHz	4.83
Chain 1	PCB	50	5.15~5.25GHz	4.59
			5.25~5.35 GHz	4.73
			5.725~5.85 GHz	5.11

Note:

The system supports 2T2R CDD mode at 802.11n/ac/ax modes.

Per KDB 662911 D01 Multiple Transmitter Output v02r01:

For power measurements:

CDD Mode:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

directional gain=4.59 dBi for 5150-5250MHz

directional gain=4.73 dBi for 5250-5350MHz

directional gain=5.11 dBi for 5725-5850MHz

For power spectral density (PSD) measurements:

Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

directional gain=4.59dBi+3.01dB=7.6dBi for 5150-5250MHz

directional gain=4.73dBi+3.01dB=7.74dBi for 5250-5350MHz

directional gain=5.11dBi+3.01dB=8.12dBi for 5725-5850MHz

Calculate using the maximum gain.

The Method of §15.203 Compliance:



Antenna was permanently attached to the unit.



Antenna uses a unique type of connector to attach to the EUT.



Unit was professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

1.1.4 Accessory Information

Accessory Description	Manufacturer	Model
/	/	/

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

EUT Operation Mode:	The system was configured for testing in Engineering Mode, which was provided by the manufacturer.
Equipment Modifications:	No
EUT Exercise Software:	Secure CRT

The software was provided by manufacturer. The maximum power was configured as below, that was provided by the manufacturer ▲ :

5150-5250 MHz Band:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
802.11a	Lowest	5180	6Mbps	20	20
	Middle	5200	6Mbps	20	20
	Highest	5240	6Mbps	20	20
802.11ac vht20	Lowest	5180	MCS0	30	30
	Middle	5200	MCS0	30	30
	Highest	5240	MCS0	30	30
802.11ac vht40	Lowest	5190	MCS0	25	25
	Highest	5230	MCS0	25	25
802.11ac vht80	Middle	5210	MCS0	20	20
802.11ax he20	Lowest	5180	MCS0	30	30
	Middle	5200	MCS0	30	30
	Highest	5240	MCS0	30	30
802.11ax he40	Lowest	5190	MCS0	25	25
	Highest	5230	MCS0	25	25
802.11ax he80	Middle	5210	MCS0	20	20

5250-5350 MHz Band:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
802.11a	Lowest	5260	6Mbps	20	20
	Middle	5280	6Mbps	20	20
	Highest	5320	6Mbps	20	20
802.11ac vht20	Lowest	5260	MCS0	30	30
	Middle	5280	MCS0	30	30
	Highest	5320	MCS0	30	30
802.11ac vht40	Lowest	5270	MCS0	25	25
	Highest	5310	MCS0	25	25
802.11ac vht80	Middle	5290	MCS0	20	20
802.11ac vht160	Middle	5250	MCS0	25	25
802.11ax he20	Lowest	5260	MCS0	30	30
	Middle	5280	MCS0	30	30
	Highest	5320	MCS0	30	30
802.11ax he40	Lowest	5270	MCS0	25	25
	Highest	5310	MCS0	25	25
802.11ax he80	Middle	5290	MCS0	20	20
802.11ax he160	Middle	5250	MCS0	25	25

5725-5850 MHz Band:

Test Modes	Test Channels	Test Frequency (MHz)	Data rate	Power Level Setting	
				Chain 0	Chain 1
802.11a	Lowest	5745	6Mbps	20	20
	Middle	5785	6Mbps	20	20
	Highest	5825	6Mbps	20	20
802.11ac vht20	Lowest	5745	MCS0	20	20
	Middle	5785	MCS0	20	20
	Highest	5825	MCS0	20	20
802.11ac vht40	Lowest	5755	MCS0	20	20
	Highest	5795	MCS0	20	20
802.11ac vht80	Middle	5775	MCS0	20	20
802.11ax he20	Lowest	5745	MCS0	20	20
	Middle	5785	MCS0	20	20
	Highest	5825	MCS0	20	20
802.11ax he40	Lowest	5755	MCS0	20	20
	Highest	5795	MCS0	20	20
802.11ax he80	Middle	5775	MCS0	20	20

Note:

- 1.The system support 802.11a/n ht20/n ht40/ac vht20/ac vht40/ac vht80/ac vht160/ax he20/ax he40/ax he80 /ax he160, the 802.11n ht20/n ht40 were reduced since the identical parameters with 802.11ac vht20/ac vht40.
2. The above are the worst-case data rates, which are determined for each mode based upon investigations by measuring the average power and PSD across all data rates, bandwidths, and modulations.
3. The device supports SISO in all modes and MIMO in 802.11n/ac/ax modes, per pretest, MIMO mode was the worst mode and reported for 802.11n/ac/ax modes.
4. 802.11ax mode only support full RU configuration.
- 5.For AC line conducted emissions, the maximum output power mode and channel was tested.
6. For Radiated Spurious Emissions 9kHz~1GHz and 18~40GHz, the maximum output power mode and channel was tested.

1.2.2 Support Equipment List and Details

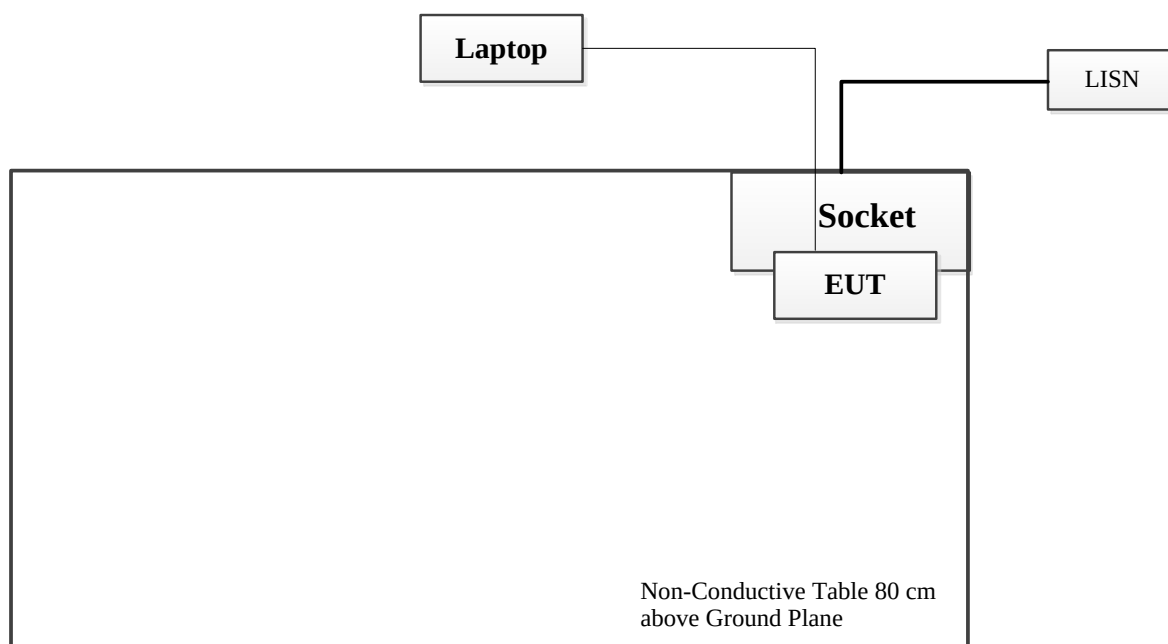
Manufacturer	Description	Model	Serial Number
Lenovo	Laptop	T4610S	00331-10000-00001-AA729

1.2.3 Support Cable List and Details

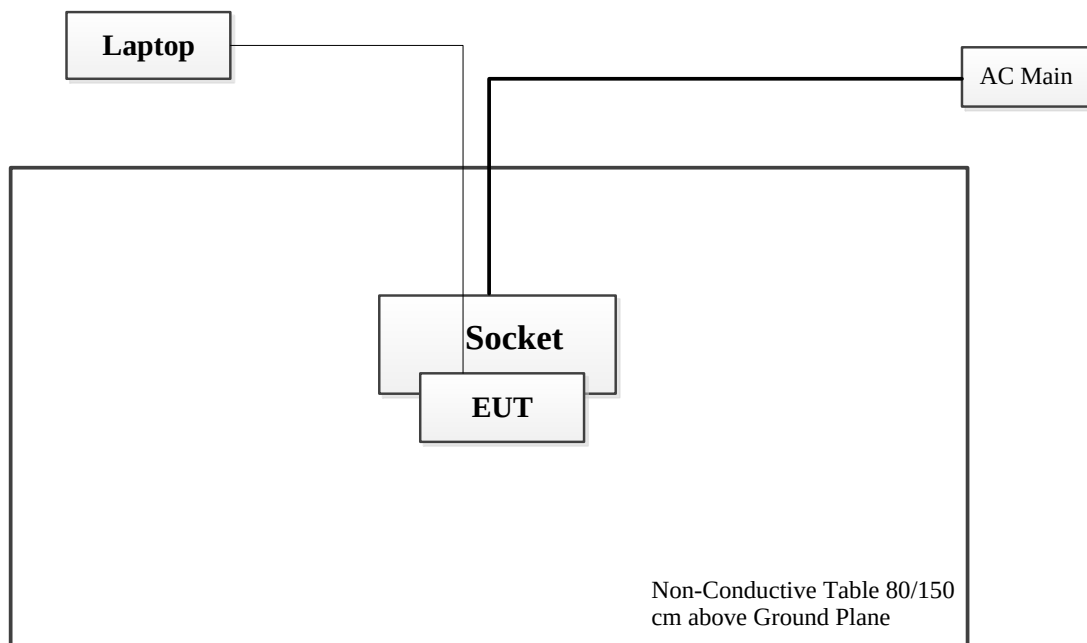
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	No	No	1.8	EUT	Laptop
Power Cable	No	No	1.2	Socket	Lisn/AC Main

1.2.4 Block Diagram of Test Setup

AC line conducted emissions:



Spurious Emissions:



1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	$\pm 5\%$
RF output power, conducted	$\pm 0.61\text{dB}$
Power Spectral Density, conducted	$\pm 0.61\text{ dB}$
Unwanted Emissions, radiated	9k~30MHz: 4.12 dB, 30M~200MHz: 3.89 dB, 200M~1GHz: 5.09 dB, 1G~6GHz: 5.12 dB, 6G~18GHz: 5.73 dB, 18G~26.5G: 5.47 dB, 26.5G~40G: 5.63 dB
Unwanted Emissions, conducted	$\pm 1.26\text{ dB}$
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 5\%$
DC and low frequency voltages	$\pm 0.4\%$
Duty Cycle	1%
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)

2. SUMMARY OF TEST RESULTS

Standard(s) Section	Test Items	Result
§15.207(a) RSS-Gen Clause 8.8	AC line conducted emissions	Compliant
FCC §15.205& §15.209& §15.407(b); RSS-247 Clause7.3	Undesirable Emission& Restricted Bands	Compliant
RSS-247 Clause7.3.1.3	26dB attenuated below the channel power	Compliant
FCC §15.407(a) (e) RSS-247 Clause7.3 RSS-Gen Clause 6.7	Emission Bandwidth	Compliant
FCC §15.407(a) RSS-247 Clause7.3	Maximum Conducted Output Power	Compliant
FCC §15.407 (a) RSS-247 Clause7.3	Power Spectral Density	Compliant
§15.203 RSS-Gen Clause 6.8	Antenna Requirement	Compliant
RSS-247 Clause 7.3.7	Additional requirements	Compliant

Note :

Power Spectral Density : For 5250-5350MHz, Max.EIRP PSD=3.07+4.73=7.80dBm/MHz < 10dBm/MHz, meet RSS-247 clause 7.3.2.3 b) ii)

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 Applicable Standard

FCC §15.207(a).

(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

(b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:

(1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.

(2) For all other carrier current systems: 1000 μ V within the frequency band 535-1705 kHz, as measured using a 50 μ H/50 ohms LISN.

(3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221, §15.223, or §15.227, as appropriate.

(c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

RSS-Gen Clause 8.8

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 μ H / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

Table 4 – AC power-line conducted emissions limits

Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 ¹	56 to 46 ¹
0.5 – 5	56	46
5 – 30	60	50

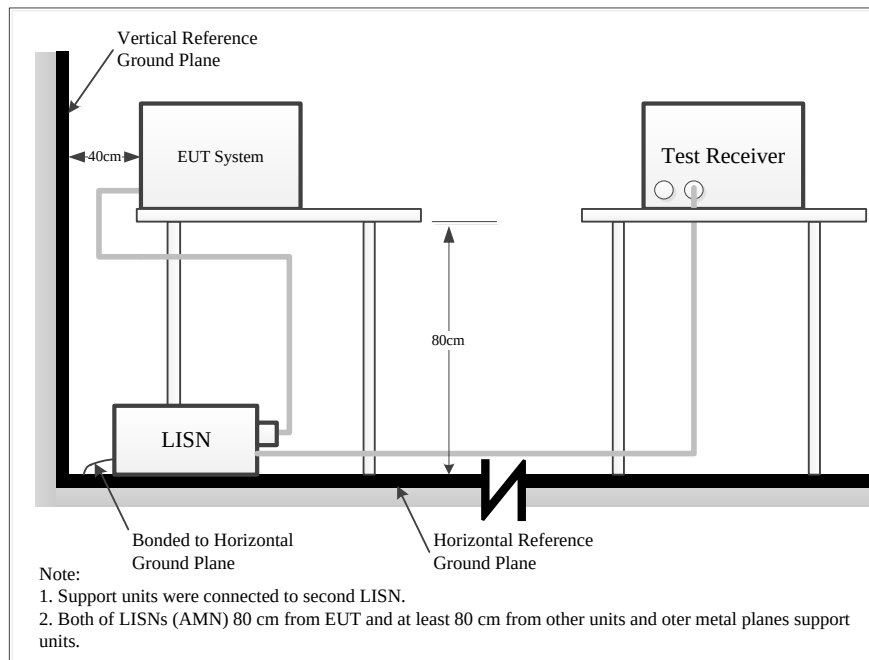
Note 1: The level decreases linearly with the logarithm of the frequency.

For an EUT with a permanent or detachable antenna operating between 150 kHz and 30 MHz, the AC power-line conducted emissions must be measured using the following configurations:

(a) Perform the AC power-line conducted emissions test with the antenna connected to determine compliance with the limits of table 4 outside the transmitter's fundamental emission band.

(b) Retest with a dummy load instead of the antenna to determine compliance with the limits of table 4 within the transmitter's fundamental emission band. For a detachable antenna, remove the antenna and connect a suitable dummy load to the antenna connector. For a permanent antenna, remove the antenna and terminate the RF output with a dummy load or network that simulates the antenna in the fundamental frequency band.

3.1.2 EUT Setup



The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207,RSS-Gen limits.

The spacing between the peripherals was 10cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

3.1.4 Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground[protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

3.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor=attenuation caused by cable loss + voltage division factor of AMN

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

3.2 Radiation Spurious Emissions

3.2.1 Applicable Standard

FCC §15.407 (b);

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 - (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 - (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
 - (4) For transmitters operating solely in the 5.725-5.850 GHz band:
 - (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
 - (ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in § 15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.
 - (8) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
 - (9) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in § 15.207.
 - (10) The provisions of § 15.205 apply to intentional radiators operating under this section.
 - (11) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.
- (c) The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

Frequency band 5150-5250 MHz:

RSS-247 Clause 7.3.1.3

For transmitters with operating frequencies in the band 5150-5250 MHz:

- a. all emissions outside the 5150-5350 MHz band shall not exceed -27 dBm/MHz peak e.i.r.p. spectral density;
- b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.
- c. if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS (see section 7.3.6) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

Frequency band 5250-5350 MHz:

RSS-247 Clause 7.3.2.3

Devices shall comply with the following:

a.all emissions outside the band 5150-5350 MHz shall not exceed -27dBm/MHz peak e.i.r.p spectral density.

b.all emissions inside the band 5150-5250 MHz shall either:

i.not exceed -27 dBm/MHz peak e.i.r.p spectral density, or

ii.comply with the power spectral density for operation in section 7.3.1.2.

Frequency band 5725-5850 MHz

RSS-247 Clause 7.3.4.3

Equipment operating in the band 5725-5850 MHz shall comply with the following peak e.i.r.p. spectral density limits:

a.27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;

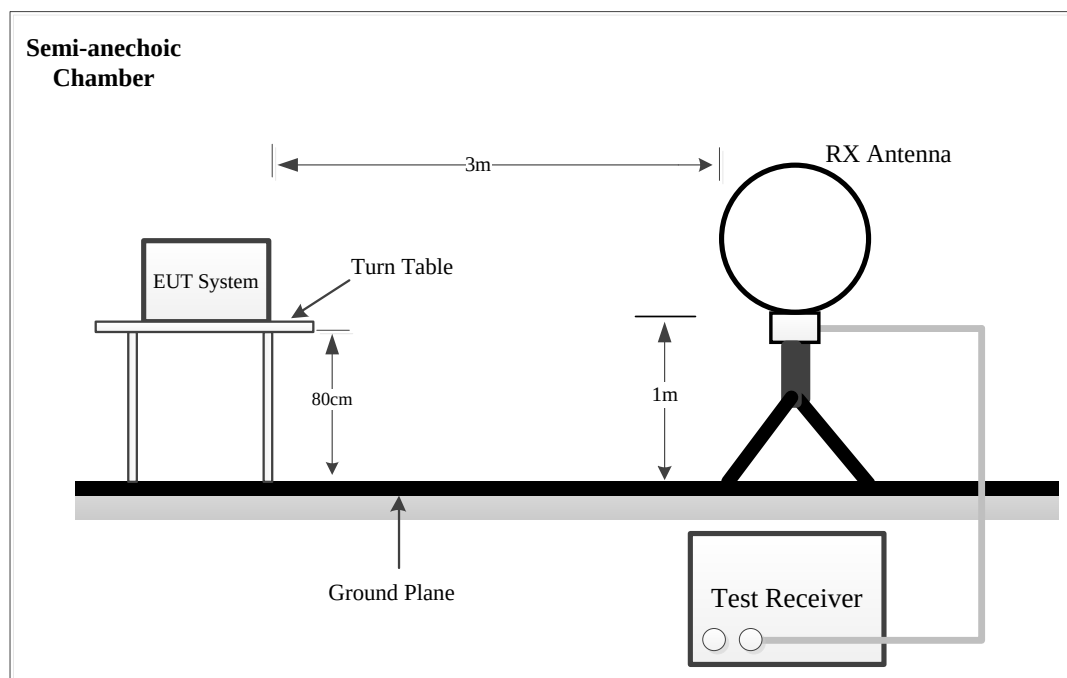
b.15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;

c.10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and

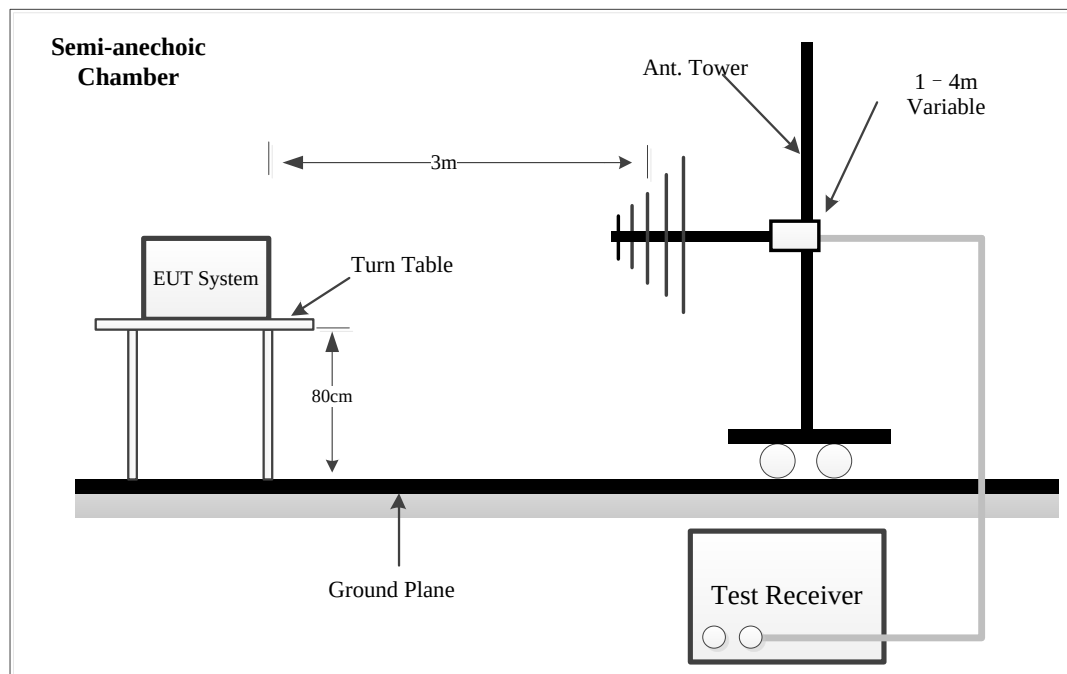
d.-27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

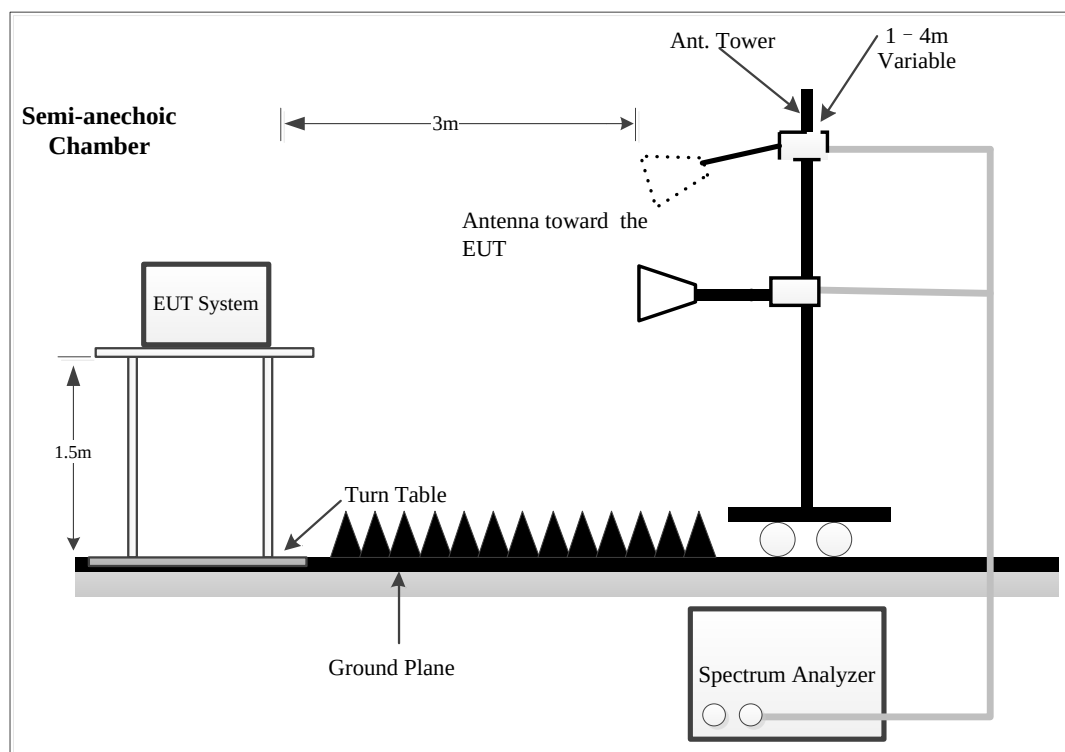
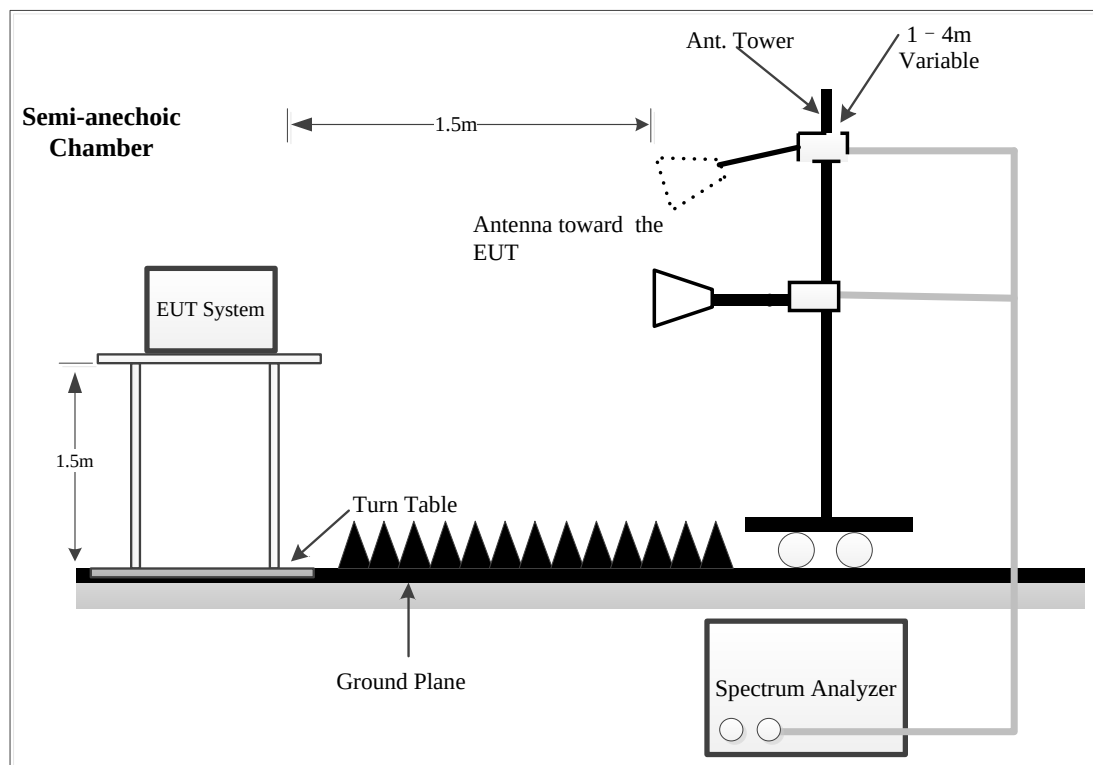
3.2.2 EUT Setup

9kHz~30MHz:



30MHz~1GHz:



1-26.5GHz:**26.5-40GHz:**

The radiated emission tests were performed in the semi-anechoic chamber, using the setup accordance with the ANSI C63.10-2020. The specification used was FCC 15.209, FCC 15.407, RSS-247, RSS-Gen limits.

For 9kHz-30MHz test, the lowest height of the magnetic antenna shall be 1 m above the ground and three antenna orientations (parallel, perpendicular, and ground-parallel) shall be measured.

3.2.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9 kHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz-1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9 kHz – 150 kHz	QP/AV	200Hz	1 kHz	200 Hz	QP/AV
150 kHz – 30 MHz	QP/AV	9 kHz	30 kHz	9 kHz	QP/AV
30MHz – 1000 MHz	PK	120 kHz	500 kHz	/	PK
	QP	/	/	120kHz	QP

1GHz- 40GHz:

Pre-scan:

Frequency Range	Measurement	RBW	Video B/W	Detector
Above 1 GHz	Peak	1MHz	3 MHz	PK
	AV	1MHz	5kHz	PK

Final measurement for emission identified during the pre-scan:

Measurement	Detector	Duty cycle	RBW	Video B/W
PK	PK	Any	1MHz	3 MHz
Ave.	PK	>98%	1MHz	10 Hz
		<98%	1MHz	$\geq 1/T$

Note: T is minimum transmission duration

3.2.4 Test Procedure

Data was recorded in Quasi-peak detection mode for frequency range of 9 kHz -1 GHz, except 9-90 kHz, 110-490 kHz, employing an average detector, peak and Average detection modes for frequencies above 1 GHz.

If the maximized peak measured value is under the QP/Average limit by more than 6dB, then it is unnecessary to perform an QP/Average measurement.

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, emission shall be computed as: $E [dB\mu V/m] = EIRP[dBm] + 95.2$, for $d = 3$ meters.

For Radiated 26.5-40GHz test, which was performed at 1.5 m distance, according to C63.10, the test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1.5m

Distance extrapolation Factor = $20 \log (\text{specific distance } [3m] / \text{test distance } [1.5m])$ dB = 6.02 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

3.2.5 Corrected Amplitude & Margin Calculation

$$E_{Log} = 20 \times \log_{10}(E_{Linear})$$

E_{Linear} is the field strength of the emission, in $\mu\text{V/m}$

E_{Log} is the field strength of the emission, in $\text{dB}\mu\text{V/m}$

For 9kHz-30MHz test, test distance is 3m, extrapolation limit shall be calculated using Equation:

$$E_{\text{limit-measure}} = E_{\text{limit-Standard}} + 40 \times \log_{10} (d_{\text{standard}}/d_{\text{measure}})$$

The basic equation except 26.5-40GHz test is as follows:

Factor= Antenna Factor + Cable Loss- Amplifier Gain

For Radiated 26.5-40GHz test:

Factor= Antenna Factor + Cable Loss- Amplifier Gain- Distance extrapolation Factor

Result = Reading + Factor

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit – Result

For the spurious emission below 30MHz, the limit was converted from $\text{dB}\mu\text{A/m}$ to $\text{dB}\mu\text{V/m}$ by adding 51.5 dB.

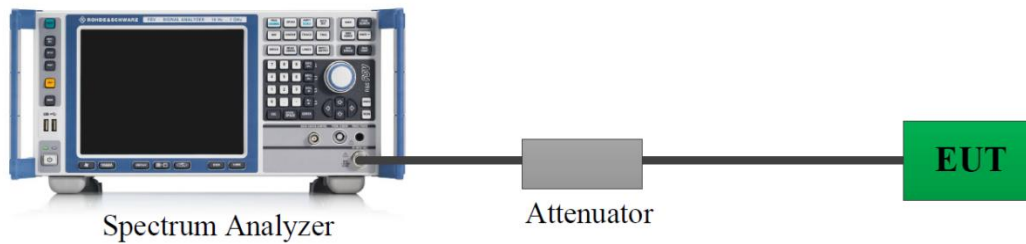
3.3 26dB attenuated below the channel power:

3.3.1 Applicable Standard

RSS-247 Clause 7.3.1.3

b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.

3.3.2 EUT Setup



3.3.3 Test Procedure

- Set RBW = 1%~5% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = RMS.
- Trace mode = Average
- Measure the emission attenuated below the channel power

3.4 Emission Bandwidth:

3.4.1 Applicable Standard

FCC §15.407 (a), (h)

(h)(2) Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems.

FCC §15.407 (e)

Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

RSS-247 Clause 7.3.1.3

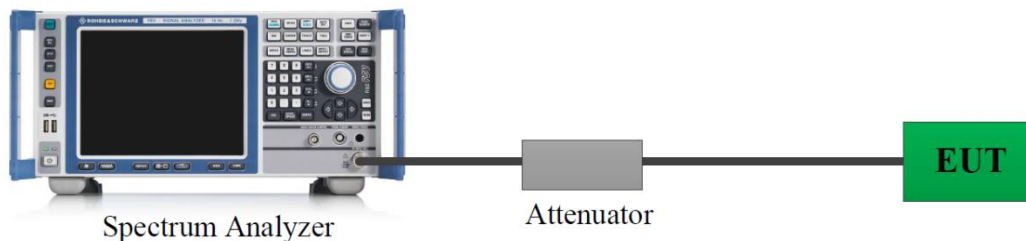
b. any unwanted emissions that falls between the upper edge of the 26 dB bandwidth and 5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth.

c. if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing DFS (see section 7.3.6) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

RSS-247 Clause 7.3.4.2

For equipment operating in the band 5725-5850 MHz, the 6 dB bandwidth shall be at least 500 kHz.

3.4.2 EUT Setup



3.4.3 Test Procedure

26dB Emission Bandwidth:

According to ANSI C63.10-2020 Section 12.5.2

- Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

99% Occupied Bandwidth:

According to ANSI C63.10-2020 Section 12.5.3&6.9.3

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring 99% power bandwidth:

- a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement.
- c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than $[10 \log (OBW/RBW)]$ below the reference level. Specific guidance is given in 4.1.6.2.
- d) Step a) through step c) might require iteration to adjust within the specified range.
- e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.
- h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data maybe reported in addition to the plot(s).

6 dB emission bandwidth:

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) ≥ 3 RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) 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.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described in this section. For devices that use channel aggregation refer to III.A and III.C for determining emission bandwidth.

3.5 Maximum Conducted Output Power:

3.5.1 Applicable Standard

FCC §15.407(a) (1)(ii)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a)(2)

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a)(3)(i)

For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

RSS-247 Clause 7.3.1.2

Frequency band 5150-5250 MHz:

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

a. 30 mW; or

b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10 dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of:

a. 200 mW; or

b. $10 + 10 \log_{10} B$, dBm.

RSS-247 Clause 7.3.2.2**Frequency band 5250-5350 MHz:**

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

- a. 30 mW; or
- b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

All other devices shall comply with the following:

a.the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of:

- i. 250 mW; or
- ii. $11 + 10 \log_{10} B$, dBm.

b.the maximum e.i.r.p. shall not exceed the lesser of:

- i. 1.0 W; or
- ii. $17 + 10 \log_{10} B$, dBm.

c.Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

RSS-247 Clause 7.3.4.3**Frequency band 5725-5850 MHz:**

Equipment operating in the band 5725-5850 shall comply with the following power limits:

a.the maximum conducted output power shall not exceed 1 W; and

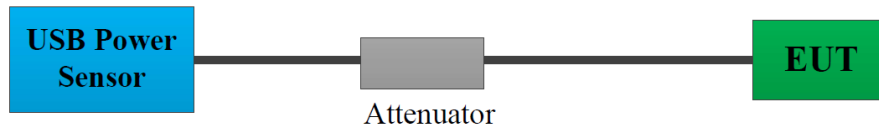
b.the maximum output power spectral density shall not exceed 30dBm/500 kHz.

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

However, FFTP devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter maximum conducted output power and the power spectral density. FFTP operations exclude the use of PTMP systems, omnidirectional applications and multiple collocated transmitters transmitting the same information. However, remote stations of PTMP systems shall be permitted to operate at e.i.r.p. greater than 4 W under the same conditions as for FFTP systems.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.5.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

3.5.3 Test Procedure

According to ANSI C63.10-2020 Section 12.4.3.2

Method PM-G is measurement using a gated RF average power meter. Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

3.6 Maximum power spectral density:

3.6.1 Applicable Standard

FCC §15.407(a) (1)(ii)

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a)(2)

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

FCC §15.407(a)(3)(i)

For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

RSS-247 Clause 7.3.1.2

Frequency band 5150-5250 MHz:

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

a. 30 mW; or

b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For all other devices the maximum e.i.r.p. spectral density shall not exceed 10dBm/MHz. The maximum e.i.r.p. shall not exceed the lesser of:

a. 200 mW; or

b. $10 + 10 \log_{10} B$, dBm.

RSS-247 Clause 7.3.2.2**Frequency band 5250-5350 MHz:**

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed the lesser of:

- a. 30 mW; or
- b. $1.76 + 10 \log_{10} B$, dBm.

OEM devices installed in vehicles with a maximum e.i.r.p. greater than 15 mW shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

All other devices shall comply with the following:

a.the maximum power spectral density shall not exceed 11 dBm/MHz and the maximum conducted output power shall not exceed the lesser of:

- i. 250 mW; or
- ii. $11 + 10 \log_{10} B$, dBm.

b.the maximum e.i.r.p. shall not exceed the lesser of:

- i. 1.0 W; or
- ii. $17 + 10 \log_{10} B$, dBm.

c.Devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

RSS-247 Clause 7.3.4.3**Frequency band 5725-5850 MHz:**

Equipment operating in the band 5725-5850 shall comply with the following power limits:

a.the maximum conducted output power shall not exceed 1 W; and

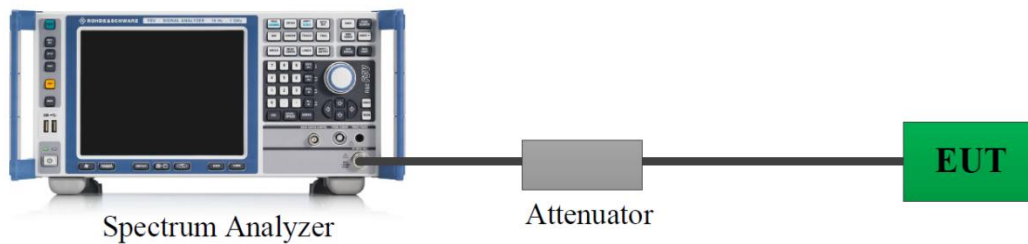
b.the maximum output power spectral density shall not exceed 30dBm/500 kHz.

When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

However, FFTP devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter maximum conducted output power and the power spectral density. FFTP operations exclude the use of PTMP systems, omnidirectional applications and multiple collocated transmitters transmitting the same information. However, remote stations of PTMP systems shall be permitted to operate at e.i.r.p. greater than 4 W under the same conditions as for FFTP systems.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.6.2 EUT Setup



A short RF cable with low cable loss connected to the EUT antenna port. The insert loss of this RF cable/attenuator was offset into the setting of test equipment:

Offset=Insert loss of RF cable+ Insert loss of attenuator

3.6.3 Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Duty cycle $\geq 98\%$

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-1 should be applied.

Duty cycle $< 98\%$, duty cycle variations are less than $\pm 2\%$

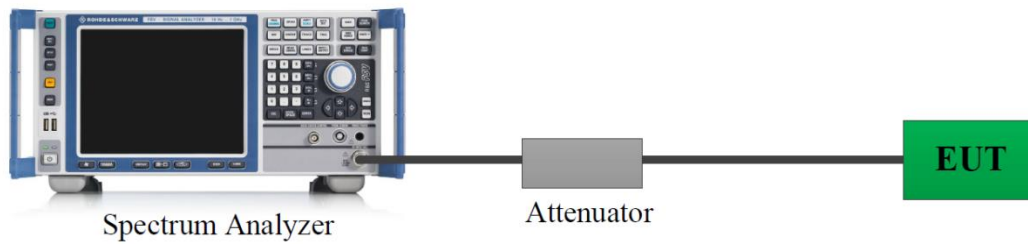
KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-2 should be applied.

Duty cycle $< 98\%$, duty cycle variations exceed $\pm 2\%$

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Method SA-3 should be applied.

3.7 Duty Cycle:

3.7.1 EUT Setup



3.7.2 Test Procedure

According to ANSI C63.10-2020 Section 12.2

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the ON and OFF times of the transmitted signal:

- 1) Set the center frequency of the instrument to the center frequency of the transmission.
- 2) Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
- 3) Set $VBW \geq RBW$. Set detector = peak or average.
- 4) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring the duty cycle shall not be used if $T \leq 16.7 \mu s$.)

3.7.3 Judgment

Report Only. Please refer to section 4.8.

3.8 Antenna Requirement

3.8.1 Applicable Standard

FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

RSS-Gen Clause 6.8

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer.

The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

3.8.2 Judgment

Result: Compliant. Please refer to the Antenna Information detail in Section 1.3

3.9 Additional requirement

3.9.1 Applicable Standard

According to RSS-247 Clause 7.3.7 Additional Requirements

The following requirements shall apply:

- a** the device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. A description on how this is done shall accompany the application for equipment certification. Note that this is not intended to prohibit transmission of control or signalling information or the use of repetitive codes where required by the technology.
- b** all LE-LAN devices must contain security features to protect against modification of software by unauthorized parties.

Manufacturers must implement security features in any digitally modulated devices capable of operating in any of the frequency ranges within the 5 GHz band, so that third parties are not able to reprogram the device to operate outside the parameters for which the device was certified. The software must prevent the user from operating the transmitter with operating frequencies, output power, modulation types or other radio frequency parameters outside those that were approved for the device. Manufacturers may use various means, including the use of a private network that allows only authenticated users to download software, electronic signatures in software or coding in hardware that is decoded by software to verify that new software can be legally loaded into a device to meet these requirements and must describe the methods in their application for equipment certification.

Manufacturers must take steps to ensure that DFS functionality cannot be disabled by the operator of the LE-LAN device.

- c** the user manual for LE-LAN devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:
 - i.** any devices capable of operating in the band 5150–5250 MHz shall only be used indoors to reduce the potential for harmful interference to co-channel mobile satellite systems (this requirement does not apply to OEM devices installed in vehicles by vehicle manufacturers);
 - ii.** for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
 - iii.** for devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
 - iv.** where applicable, antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 7.3.2.4 or 7.3.5.3 shall be clearly indicated.

3.9.2 Judgment

RSS-247 Clause 7.3.7 a:

The device shall automatically discontinue transmission in cases of absence of information to transmit, or operational failure. Please refer to the declaration

RSS-247 Clause 7.3.7 b:

The devices must contain security features to protect against modification of software by unauthorized parties. Please refer to the declaration

RSS-247 Clause 7.3.7 c:

- i. The device operates on 5150-5250MHz is only for indoor use.
- ii. This device is equipped with two built-in integrated antenna, and operates on 5250-5350MHz meet the EIRP limit, please refer to the power test result.
- iii. This device is equipped with two built-in integrated antenna, and all the EIPR compliance with RSS-247 requirement. Please refer to the conducted output power test result.
- iv. The device EIRP less than 200mW (23 dBm) for 5250-5350MHz

4. Test DATA AND RESULTS

4.1 AC Line Conducted Emissions

Sample Number:	3OAN-1	Test Date:	2026/6/18
Test Site:	CE	Test Mode:	Transmitting
Tester:	Ella Huang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.1	Relative Humidity: (%)	60	ATM Pressure: (kPa)	100.2
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101132	2025/9/26	2026/9/25
R&S	EMI Test Receiver	ESR3	103104	2026/5/8	2027/5/7
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2025/11/10	2026/11/9
Audix	Test Software	E3	190306 (V9)	N/A	N/A

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Project No.: 2603U28676E-RF

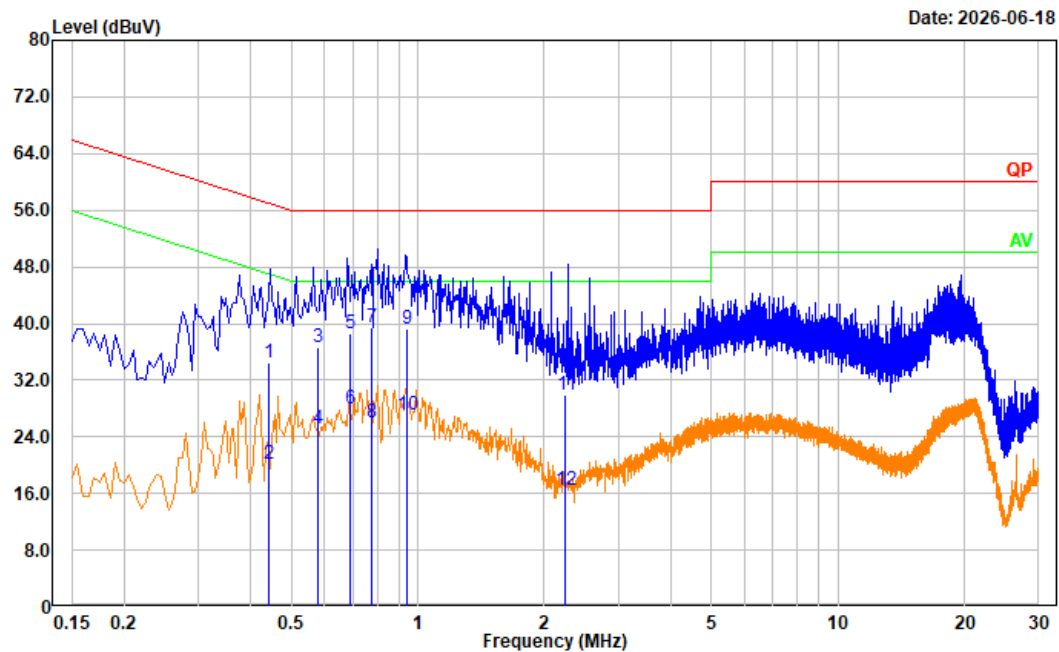
Tester: Ella Huang

Port: Line

Condition: RBW:9kHz

Test Mode: Transmitting

Note: maximum output power mode, ax80_RU_Full Chain 0+Chain 1,5210MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector
1	0.442	23.96	10.41	34.37	57.03	22.66	QP
2	0.442	9.84	10.41	20.25	47.03	26.78	Average
3	0.577	26.26	10.37	36.63	56.00	19.37	QP
4	0.577	14.69	10.37	25.06	46.00	20.94	Average
5	0.689	28.28	10.32	38.60	56.00	17.40	QP
6	0.689	17.55	10.32	27.87	46.00	18.13	Average
7	0.779	29.05	10.36	39.41	56.00	16.59	QP
8	0.779	15.70	10.36	26.06	46.00	19.94	Average
9	0.940	28.84	10.48	39.32	56.00	16.68	QP
10	0.940	16.72	10.48	27.20	46.00	18.80	Average
11	2.244	19.90	10.04	29.94	56.00	26.06	QP
12	2.244	6.50	10.04	16.54	46.00	29.46	Average

Project No.: 2603U28676E-RF

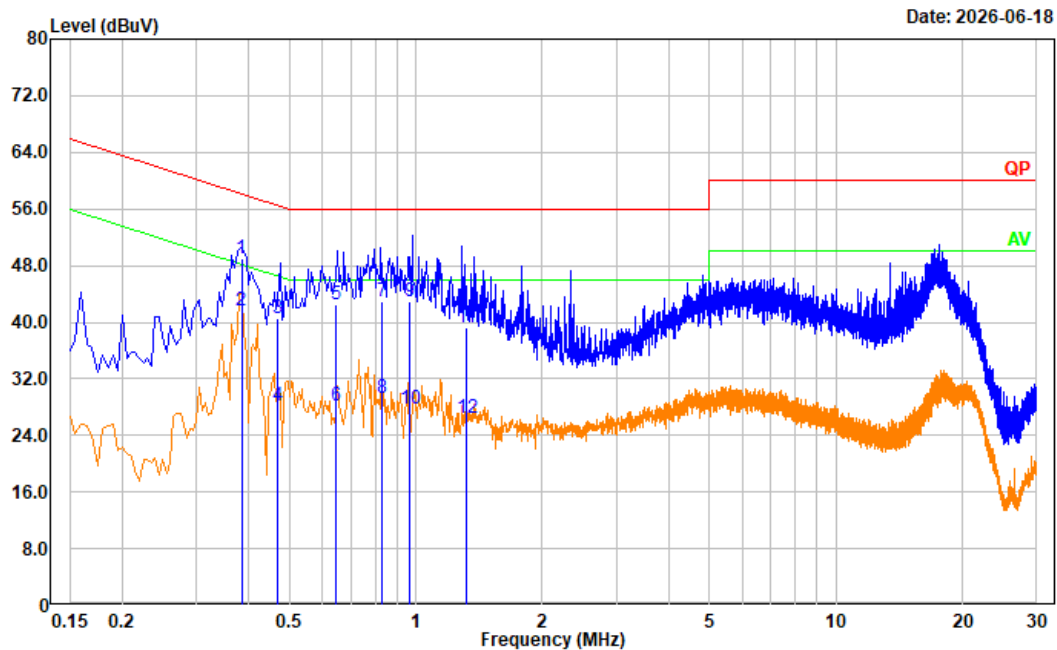
Tester: Ella Huang

Port: neutral

Condition: RBW:9kHz

Test Mode: Transmitting

Note: maximum output power mode, ax80_RU_Full Chain 0+Chain 1,5210MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.385	38.68	10.26	48.94	58.18	9.24	QP
2	0.385	31.38	10.26	41.64	48.18	6.54	Average
3	0.467	30.32	10.15	40.47	56.56	16.09	QP
4	0.467	18.10	10.15	28.25	46.56	18.31	Average
5	0.646	32.21	10.18	42.39	56.00	13.61	QP
6	0.646	17.92	10.18	28.10	46.00	17.90	Average
7	0.830	32.67	10.25	42.92	56.00	13.08	QP
8	0.830	19.08	10.25	29.33	46.00	16.67	Average
9	0.964	32.53	10.31	42.84	56.00	13.16	QP
10	0.964	17.35	10.31	27.66	46.00	18.34	Average
11	1.318	28.78	10.38	39.16	56.00	16.84	QP
12	1.318	16.13	10.38	26.51	46.00	19.49	Average

4.2 Radiation Spurious Emissions

4.2.1 9 kHz–1GHz

Sample Number:	3OAN-1	Test Date:	2026/7/8-2026/7/18
Test Site:	966-1	Test Mode:	Transmitting
Tester:	Jin He	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.2- 24.5	Relative Humidity: (%)	58-67	ATM Pressure: (kPa)	99.9-100.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Sunol Sciences	Antenna	JB6	A082520-5	2023/12/1	2026/11/30
GLOBAL	Loop Antenna	1313-1A	3110611	2026/1/29	2029/1/28
Daruikang	Coaxial Cable	BNC-JJ-RG58	C-0300-01	2025/11/10	2026/11/9
Daruikang	Coaxial Cable	BNC-JJ-RG58	C-0500-01	2025/11/10	2026/11/9
R&S	EMI Test Receiver	ESR3	102724	2026/2/27	2027/2/26
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0100-03	2025/11/10	2026/11/9
TIMES MICROWAVE	Coaxial Cable	LMR-600-UltraFlex	C-0370-01	2025/11/10	2026/11/9
XQY	Coaxial Cable	XQY-CMR400UF-NJ-NJ-7M	24056379	2026/5/21	2027/5/20
Sonoma	Amplifier	310N	186165	2025/11/10	2026/11/9
Audix	Test Software	E3	191218 (V9)	N/A	N/A

* Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case(Z axes) is refer to plots.

9kHz~30MHz

Three antenna orientations (parallel, perpendicular, and ground-parallel) was measured, the worst orientations was below:

5150-5250MHz:

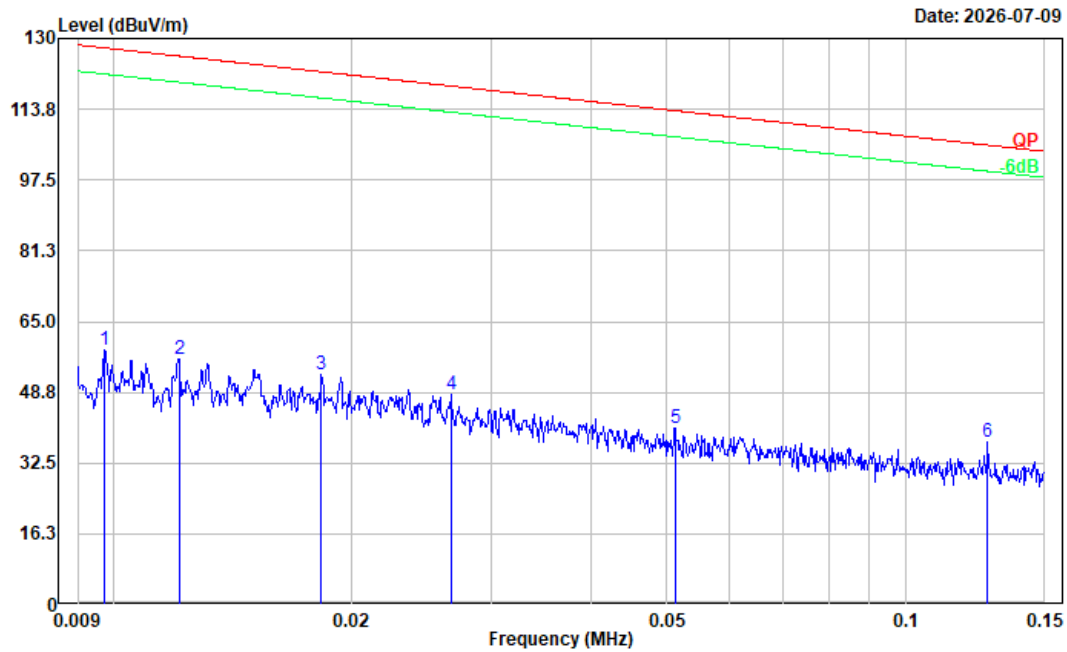
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:0.2 kHz VBW:1 kHz

Polarization: Parallel

Note: Transmitting 5G Wifi Band 1 802.11ax80_RU_Full 5210MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.010	23.66	34.66	58.32	127.84	69.52	Peak
2	0.012	23.19	33.34	56.53	125.95	69.42	Peak
3	0.018	22.49	30.43	52.92	122.36	69.44	Peak
4	0.027	21.59	26.50	48.09	119.09	71.00	Peak
5	0.051	20.03	20.46	40.49	113.42	72.93	Peak
6	0.127	24.15	13.08	37.23	105.52	68.29	Peak

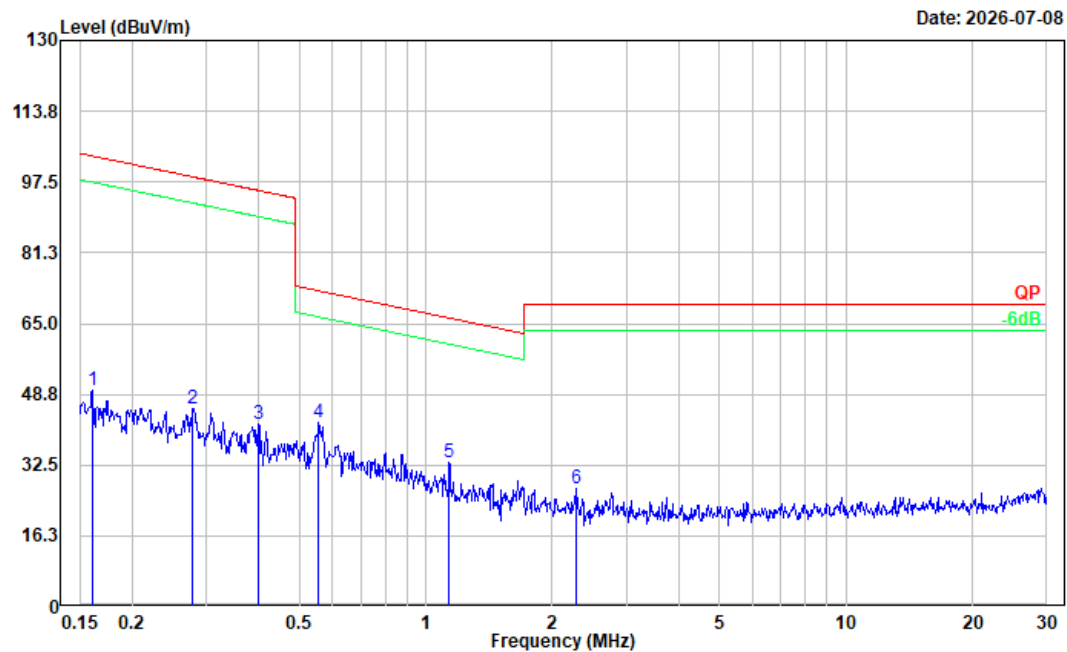
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:9 kHz VBW:30 kHz

Polarization: Parallel

Note: Transmitting 5G Wifi Band 1 802.11ax80_RU_Full 5210MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.161	38.33	11.52	49.85	103.48	53.63	Peak
2	0.279	39.48	6.03	45.51	98.70	53.19	Peak
3	0.400	38.81	2.97	41.78	95.57	53.79	Peak
4	0.555	41.94	0.26	42.20	72.69	30.49	Peak
5	1.135	37.85	-4.89	32.96	66.35	33.39	Peak
6	2.273	34.80	-7.72	27.08	69.54	42.46	Peak

5250-5350MHz:

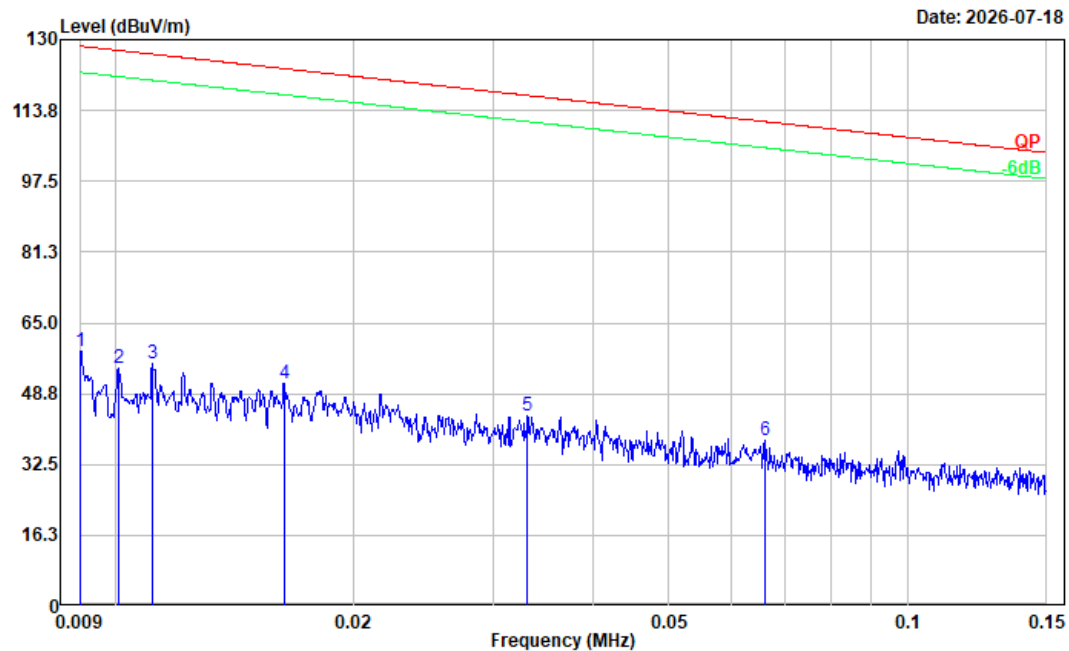
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:0.2 kHz VBW:1 kHz

Polarization: Parallel

Note: Transmitting 5G Wifi Band 2 802.11ax160_RU_Full 5250MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.009	23.07	35.59	58.66	128.50	69.84	Peak
2	0.010	20.26	34.29	54.55	127.54	72.99	Peak
3	0.011	21.75	33.80	55.55	126.69	71.14	Peak
4	0.016	19.69	31.34	51.03	123.34	72.31	Peak
5	0.033	19.26	24.26	43.52	117.21	73.69	Peak
6	0.066	19.86	18.27	38.13	111.19	73.06	Peak

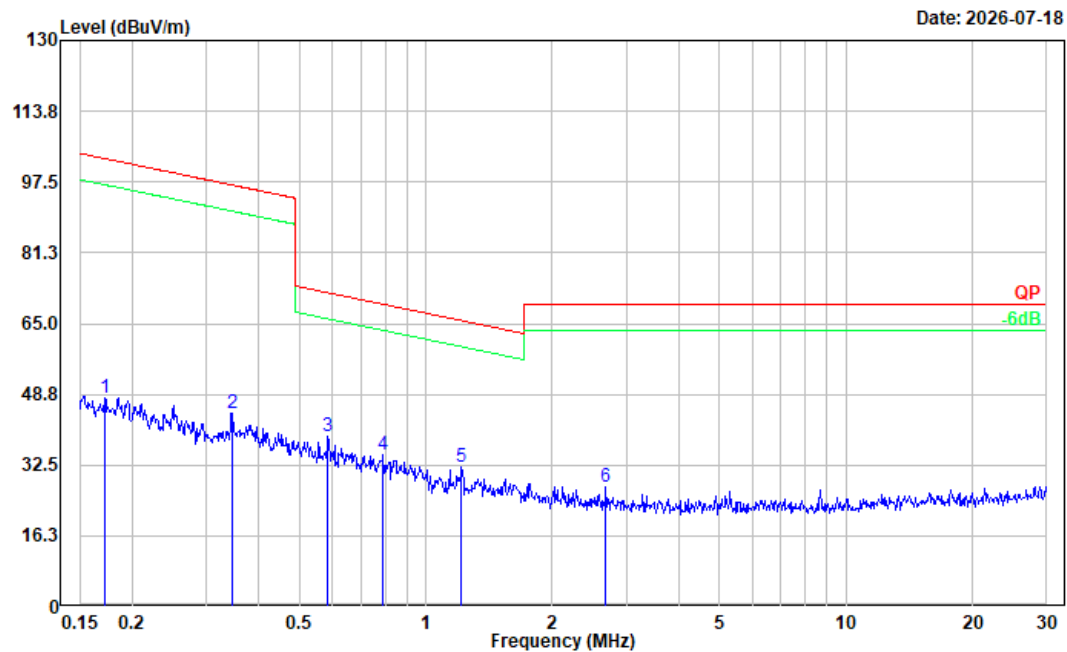
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:9 kHz VBW:30 kHz

Polarization: Parallel

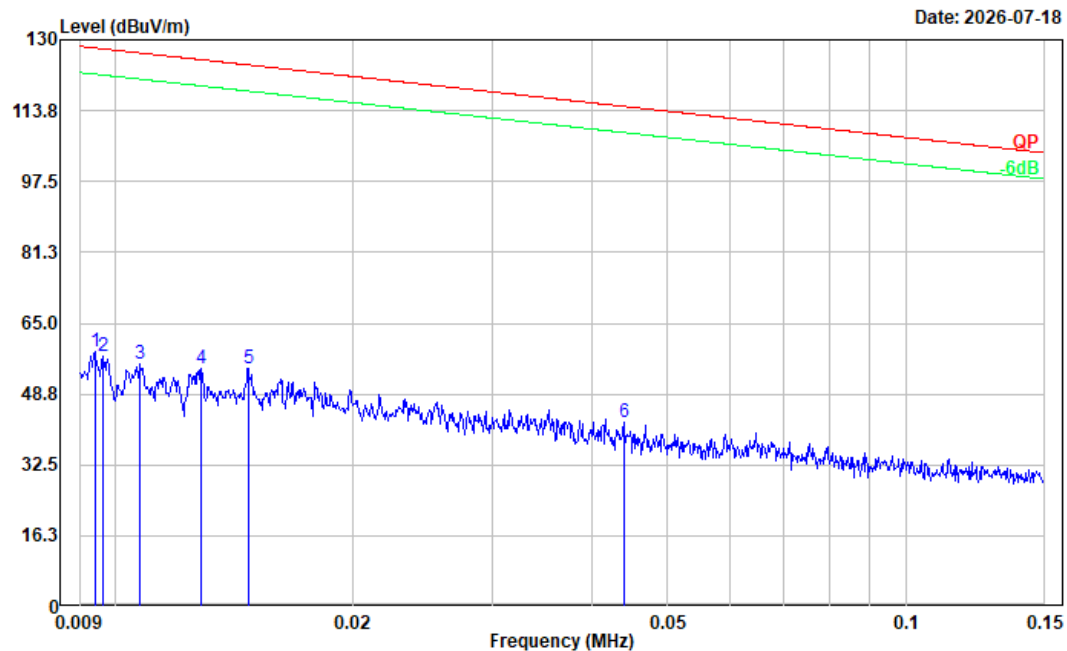
Note: Transmitting 5G Wifi Band 2 802.11ax160_RU_Full 5250MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	0.172	36.91	10.98	47.89	102.89	55.00	Peak
2	0.346	40.34	4.07	44.41	96.81	52.40	Peak
3	0.585	39.27	-0.07	39.20	72.22	33.02	Peak
4	0.792	37.11	-2.32	34.79	69.54	34.75	Peak
5	1.216	37.25	-5.13	32.12	65.74	33.62	Peak
6	2.678	35.38	-8.00	27.38	69.54	42.16	Peak

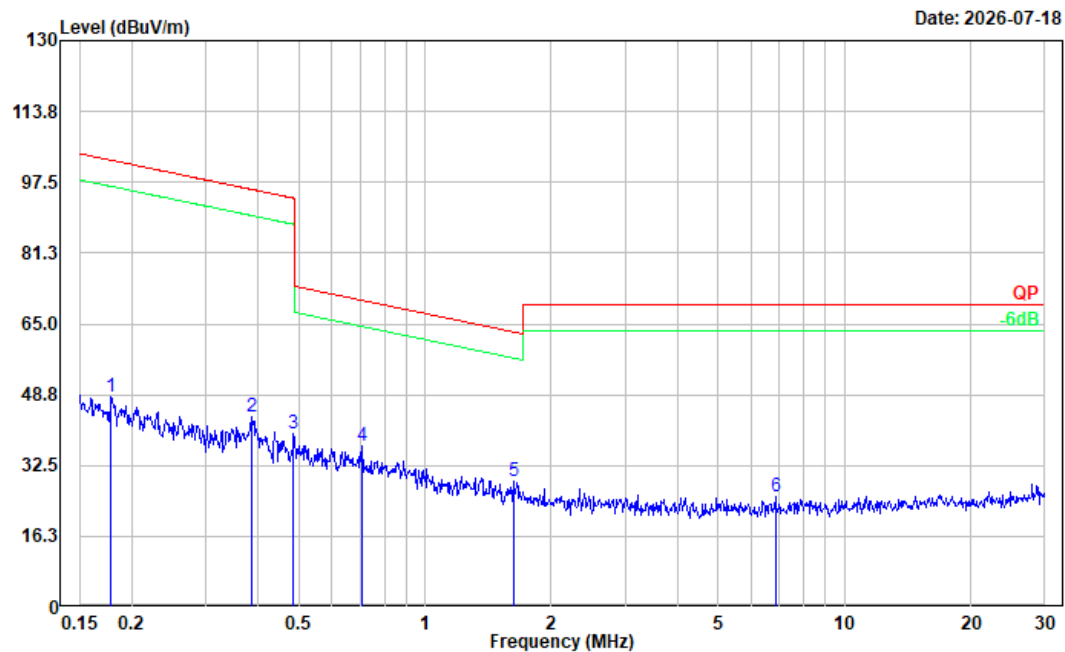
5725-5850MHz:

Project No.: 2603U28676E-RF
Tester: Jin He
Condition: RBW:0.2 kHz VBW:1 kHz
Polarization: Parallel
Note: Transmitting 5G Wifi Band 4 802.11ax20_RU_Full 5745MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	0.009	23.25	35.08	58.33	128.13	69.80	Peak
2	0.010	22.50	34.80	57.30	127.93	70.63	Peak
3	0.011	21.52	33.97	55.49	126.98	71.49	Peak
4	0.013	21.47	32.99	54.46	125.44	70.98	Peak
5	0.015	22.47	32.10	54.57	124.24	69.67	Peak
6	0.044	20.40	21.93	42.33	114.74	72.41	Peak

Project No.: 2603U28676E-RF
Tester: Jin He
Condition: RBW:9 kHz VBW:30 kHz
Polarization: Parallel
Note: Transmitting 5G Wifi Band 4 802.11ax20_RU_Full 5745MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	0.179	37.74	10.68	48.42	102.56	54.14	Peak
2	0.385	40.26	3.27	43.53	95.89	52.36	Peak
3	0.486	38.69	1.15	39.84	93.87	54.03	Peak
4	0.708	38.30	-1.42	36.88	70.53	33.65	Peak
5	1.628	35.29	-6.39	28.90	63.15	34.25	Peak
6	6.841	34.23	-8.94	25.29	69.54	44.25	Peak

**30MHz-1GHz
5150-5250MHz:**

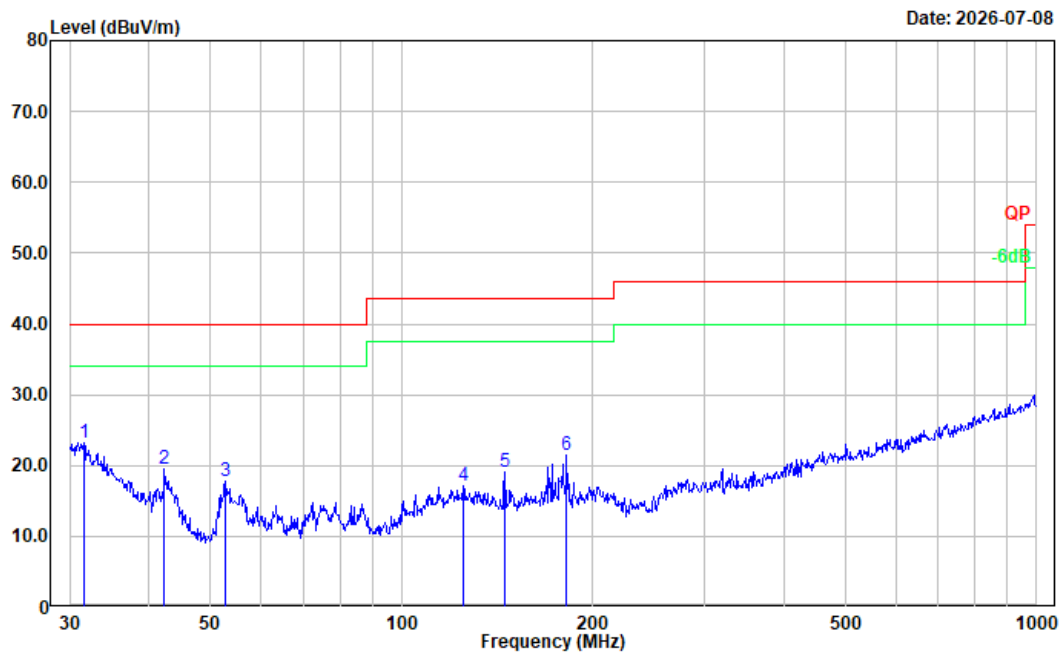
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:120 kHz VBW:500 kHz

Polarization: horizontal

Note: Transmitting 5G Wifi Band 1 802.11ax80_RU_Full 5210MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.620	28.18	-4.91	23.27	40.00	16.73	Peak
2	42.302	32.39	-12.88	19.51	40.00	20.49	Peak
3	52.760	35.32	-17.50	17.82	40.00	22.18	Peak
4	125.007	27.99	-10.87	17.12	43.50	26.38	Peak
5	145.351	30.99	-11.95	19.04	43.50	24.46	Peak
6	181.920	34.97	-13.42	21.55	43.50	21.95	Peak

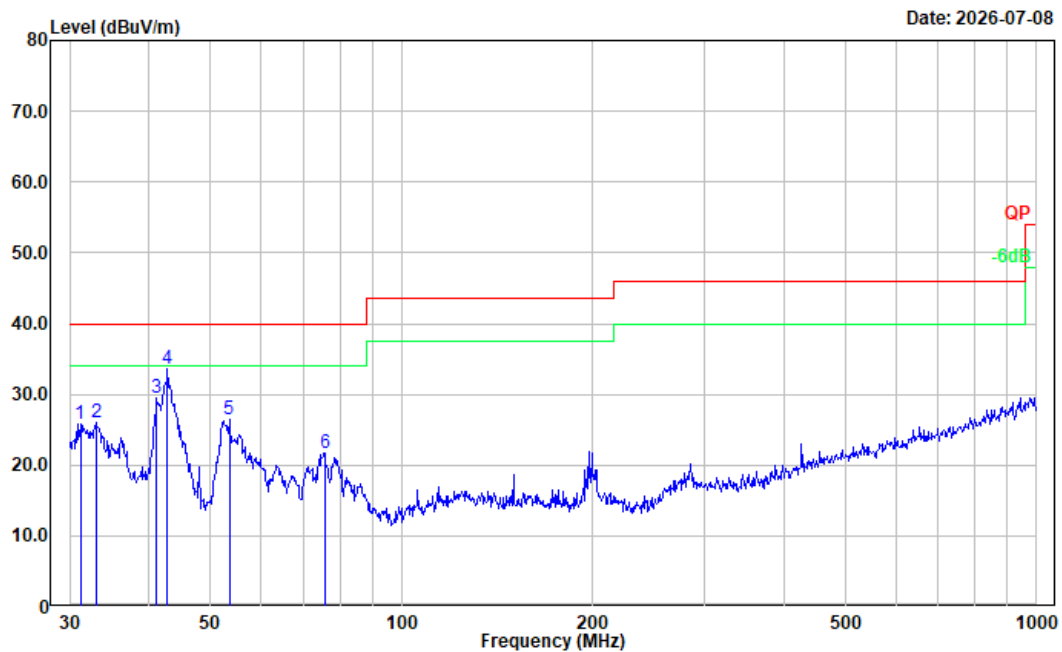
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:120 kHz VBW:500 kHz

Polarization: vertical

Note: Transmitting 5G Wifi Band 1 802.11ax80_RU_Full 5210MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.180	30.44	-4.56	25.88	40.00	14.12	Peak
2	32.979	32.04	-5.99	26.05	40.00	13.95	Peak
3	41.132	41.59	-12.04	29.55	40.00	10.45	Peak
4	42.750	46.74	-13.24	33.50	40.00	6.50	Peak
5	53.505	43.88	-17.54	26.34	40.00	13.66	Peak
6	75.711	38.76	-17.00	21.76	40.00	18.24	Peak

5250-5350MHz:

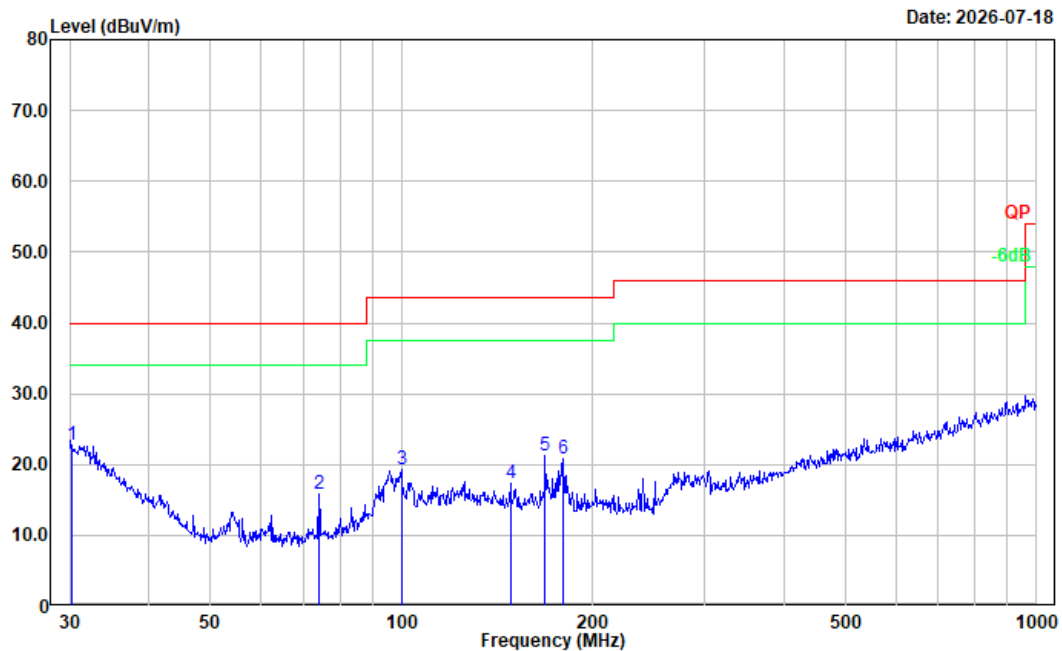
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:120 kHz VBW:500 kHz

Polarization: horizontal

Note: Transmitting 5G Wifi Band 2 802.11ax160_RU_Full 5250MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.317	26.74	-4.01	22.73	40.00	17.27	Peak
2	74.135	32.98	-17.10	15.88	40.00	24.12	Peak
3	99.878	33.70	-14.47	19.23	43.50	24.27	Peak
4	148.441	29.39	-11.98	17.41	43.50	26.09	Peak
5	168.414	33.47	-12.29	21.18	43.50	22.32	Peak
6	180.017	34.03	-13.32	20.71	43.50	22.79	Peak

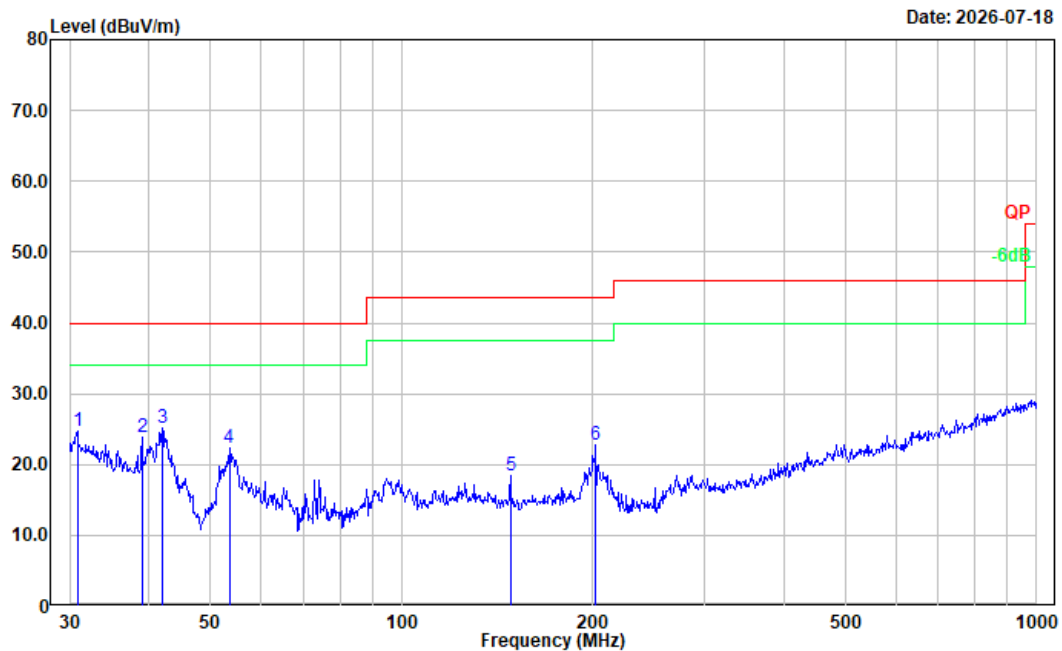
Project No.: 2603U28676E-RF

Tester: Jin He

Condition: RBW:120 kHz VBW:500 kHz

Polarization: vertical

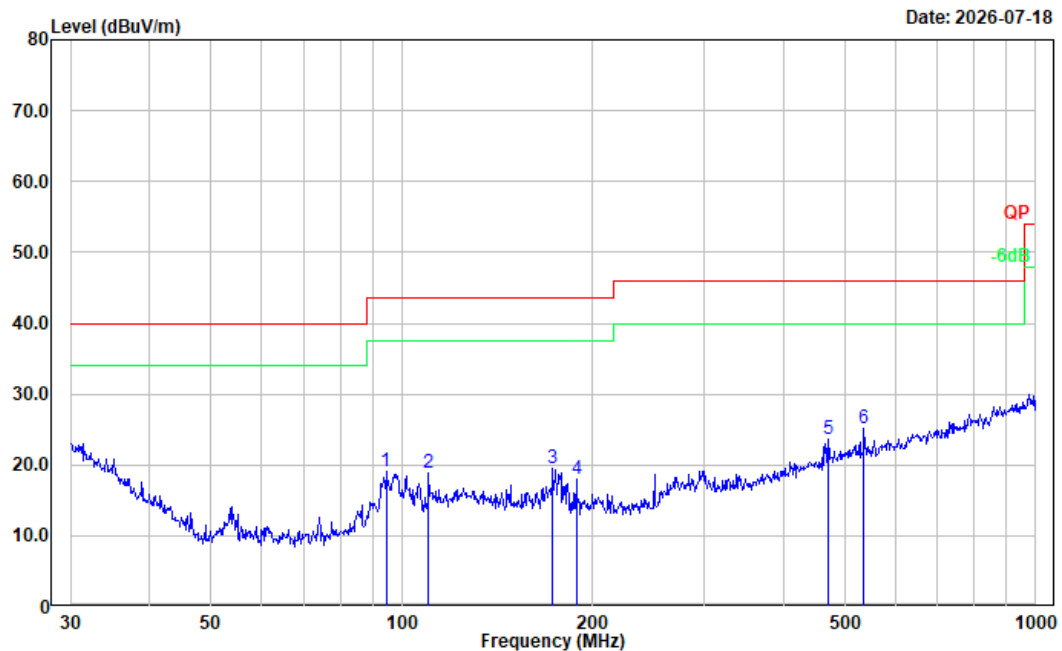
Note: Transmitting 5G Wifi Band 2 802.11ax160_RU_Full 5250MHz



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.853	28.95	-4.33	24.62	40.00	15.38	Peak
2	39.024	34.41	-10.59	23.82	40.00	16.18	Peak
3	42.007	37.78	-12.65	25.13	40.00	14.87	Peak
4	53.505	39.88	-17.54	22.34	40.00	17.66	Peak
5	148.441	30.45	-11.98	18.47	43.50	25.03	Peak
6	202.100	35.26	-12.59	22.67	43.50	20.83	Peak

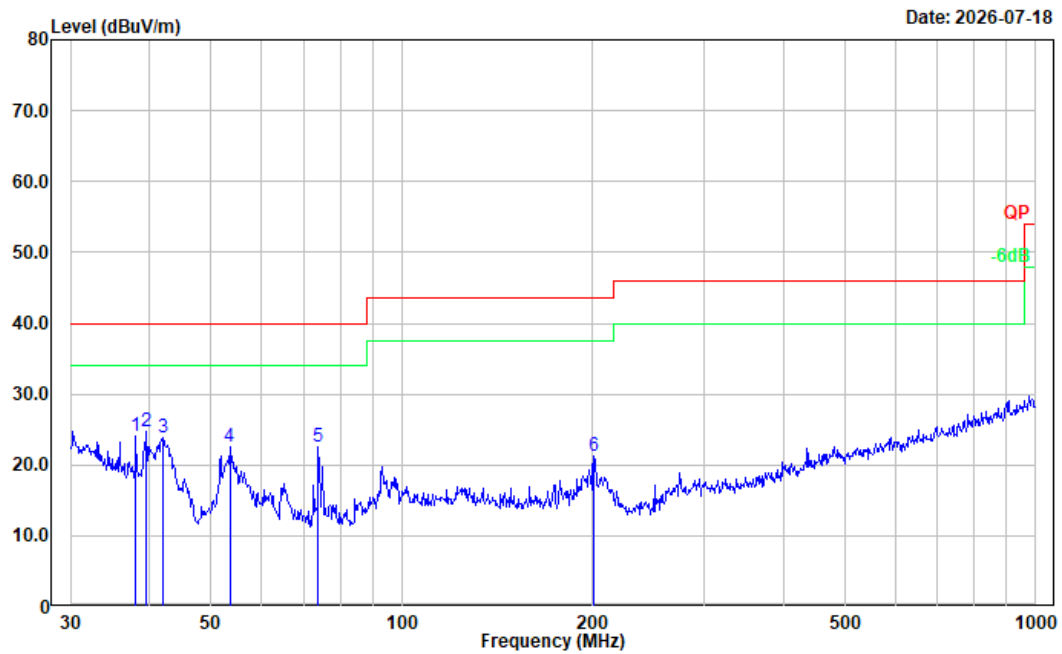
5725-5850MHz:

Project No.: 2603U28676E-RF
Tester: Jin He
Condition: RBW:120 kHz VBW:500 kHz
Polarization: horizontal
Note: Transmitting 5G Wifi Band 4 802.11ax20_RU_Full 5745MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	94.428	35.04	-16.00	19.04	43.50	24.46	Peak
2	110.182	31.08	-12.12	18.96	43.50	24.54	Peak
3	173.205	32.18	-12.66	19.52	43.50	23.98	Peak
4	188.413	31.67	-13.59	18.08	43.50	25.42	Peak
5	470.523	29.47	-5.82	23.65	46.00	22.35	Peak
6	535.707	30.17	-5.04	25.13	46.00	20.87	Peak

Project No.: 2603U28676E-RF
Tester: Jin He
Condition: RBW:120 kHz VBW:500 kHz
Polarization: vertical
Note: Transmitting 5G Wifi Band 4 802.11ax20_RU_Full 5745MHz



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	38.078	33.89	-9.83	24.06	40.00	15.94	Peak
2	39.576	35.56	-10.86	24.70	40.00	15.30	Peak
3	42.007	36.43	-12.65	23.78	40.00	16.22	Peak
4	53.505	40.10	-17.54	22.56	40.00	17.44	Peak
5	73.876	39.63	-17.09	22.54	40.00	17.46	Peak
6	200.688	33.48	-12.32	21.16	43.50	22.34	Peak

4.2.2 1GHz – 40 GHz:

Sample Number	3OAN-1	Test Date:	2026/7/13-2026/7/16
Test Site:	966-2	Test Mode:	Transmitting
Tester:	Peter Rong	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	21.6-25	Relative Humidity: (%)	56-61	ATM Pressure: (kPa)	99.6-100.0
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
ETS-Lindgren	Horn Antenna	3115	9912-5985	2023/12/6	2026/12/5
R&S	Spectrum Analyzer	FSV40	101591	2026/2/27	2027/2/26
MICRO-COAX	Coaxial Cable	UFA210A-1-1200-70U300	217423-008	2025/11/10	2026/11/9
MICRO-COAX	Coaxial Cable	UFA210A-1-2362-300300	235780-001	2025/11/10	2026/11/9
A.H	Pre-amplifier	PAM-0118P	628	2025/11/10	2026/11/9
Audix	Test Software	E3	191218 (V9)	N/A	N/A
PASTERNAK	Horn Antenna	PE9852/2F-20	112002	2024/2/4	2027/2/3
PASTERNAK	Horn Antenna	PE9850/2F-20	072001	2024/2/4	2027/2/3
Quinstar	Preamplifier	QLW-18405536-JO	15964001005	2025/11/10	2026/11/9
MICRO-COAX	Coaxial Cable	UFB142A-1-2362-200200	235772-001	2025/11/10	2026/11/9
Decentest	Multiplex Switch Test Control Set	DT7220SCU	DQ77925	2025/8/4	2026/8/3
Decentest	Filter Switch Unit	DT7220FSU	DQ77928	2025/8/4	2026/8/3

** Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).*

Test Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case(Z axes) is below:

5150-5250MHz:**802.11a Mode Chain 0:**

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel: 5180 MHz							
10360.000	38.26	PK	H	13.26	51.52	68.20	16.68
10360.000	38.71	PK	V	13.26	51.97	68.20	16.23
15540.000	38.77	PK	H	13.48	52.25	74.00	21.75
15540.000	25.98	AV	H	13.48	39.46	54.00	14.54
15540.000	39.23	PK	V	13.48	52.71	74.00	21.29
15540.000	25.96	AV	V	13.48	39.44	54.00	14.56
Middle Channel: 5200 MHz							
10400.000	38.89	PK	H	13.28	52.17	68.20	16.03
10400.000	39.05	PK	V	13.28	52.33	68.20	15.87
15600.000	41.25	PK	H	13.38	54.63	74.00	19.37
15600.000	28.21	AV	H	13.38	41.59	54.00	12.41
15600.000	41.31	PK	V	13.38	54.69	74.00	19.31
15600.000	28.21	AV	V	13.38	41.59	54.00	12.41
High Channel: 5240 MHz							
10480.000	38.21	PK	H	13.38	51.59	68.20	16.61
10480.000	38.55	PK	V	13.38	51.93	68.20	16.27
15720.000	41.31	PK	H	13.30	54.61	74.00	19.39
15720.000	28.30	AV	H	13.30	41.60	54.00	12.40
15720.000	41.65	PK	V	13.30	54.95	74.00	19.05
15720.000	28.25	AV	V	13.30	41.55	54.00	12.45

802.11a Mode Chain 1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel: 5180 MHz							
10360.000	38.53	PK	H	13.26	51.79	68.20	16.41
10360.000	39.05	PK	V	13.26	52.31	68.20	15.89
15540.000	39.02	PK	H	13.48	52.50	74.00	21.50
15540.000	25.90	AV	H	13.48	39.38	54.00	14.62
15540.000	38.53	PK	V	13.48	52.01	74.00	21.99
15540.000	25.96	AV	V	13.48	39.44	54.00	14.56
Middle Channel: 5200 MHz							
10400.000	38.58	PK	H	13.28	51.86	68.20	16.34
10400.000	38.99	PK	V	13.28	52.27	68.20	15.93
15600.000	41.36	PK	H	13.38	54.74	74.00	19.26
15600.000	28.22	AV	H	13.38	41.60	54.00	12.40
15600.000	40.87	PK	V	13.38	54.25	74.00	19.75
15600.000	28.26	AV	V	13.38	41.64	54.00	12.36
High Channel: 5240 MHz							
10480.000	38.40	PK	H	13.38	51.78	68.20	16.42
10480.000	38.66	PK	V	13.38	52.04	68.20	16.16
15720.000	41.62	PK	H	13.30	54.92	74.00	19.08
15720.000	28.26	AV	H	13.30	41.56	54.00	12.44
15720.000	41.57	PK	V	13.30	54.87	74.00	19.13
15720.000	28.30	AV	V	13.30	41.60	54.00	12.40

802.11ac20 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5180	MHz		
10360.000	38.28	PK	H	13.26	51.54	68.20	16.66
10360.000	39.79	PK	V	13.26	53.05	68.20	15.15
15540.000	39.19	PK	H	13.48	52.67	74.00	21.33
15540.000	25.92	AV	H	13.48	39.40	54.00	14.60
15540.000	40.18	PK	V	13.48	53.66	74.00	20.34
15540.000	26.39	AV	V	13.48	39.87	54.00	14.13
Middle Channel:				5200	MHz		
10400.000	38.21	PK	H	13.28	51.49	68.20	16.71
10400.000	40.91	PK	V	13.28	54.19	68.20	14.01
15600.000	41.50	PK	H	13.38	54.88	74.00	19.12
15600.000	28.26	AV	H	13.38	41.64	54.00	12.36
15600.000	41.30	PK	V	13.38	54.68	74.00	19.32
15600.000	28.28	AV	V	13.38	41.66	54.00	12.34
High Channel:				5240	MHz		
10480.000	38.10	PK	H	13.38	51.48	68.20	16.72
10480.000	40.42	PK	V	13.38	53.80	68.20	14.40
15720.000	41.03	PK	H	13.30	54.33	74.00	19.67
15720.000	28.33	AV	H	13.30	41.63	54.00	12.37
15720.000	41.14	PK	V	13.30	54.44	74.00	19.56
15720.000	28.30	AV	V	13.30	41.60	54.00	12.40

802.11ac40 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5190	MHz		
10380.000	38.34	PK	H	13.27	51.61	68.20	16.59
10380.000	38.13	PK	V	13.27	51.40	68.20	16.80
15570.000	39.07	PK	H	13.43	52.50	74.00	21.50
15570.000	25.96	AV	H	13.43	39.39	54.00	14.61
15570.000	39.25	PK	V	13.43	52.68	74.00	21.32
15570.000	25.93	AV	V	13.43	39.36	54.00	14.64
High Channel:				5230	MHz		
10460.000	37.60	PK	H	13.35	50.95	68.20	17.25
10460.000	39.26	PK	V	13.35	52.61	68.20	15.59
15690.000	41.17	PK	H	13.33	54.50	74.00	19.50
15690.000	28.38	AV	H	13.33	41.71	54.00	12.29
15690.000	41.70	PK	V	13.33	55.03	74.00	18.97
15690.000	28.37	AV	V	13.33	41.70	54.00	12.30

802.11ac80 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5210	MHz		
10420.000	38.76	PK	H	13.30	52.06	68.20	16.14
10420.000	38.40	PK	V	13.30	51.70	68.20	16.50
15630.000	40.69	PK	H	13.36	54.05	74.00	19.95
15630.000	27.60	AV	H	13.36	40.96	54.00	13.04
15630.000	40.97	PK	V	13.36	54.33	74.00	19.67
15630.000	27.59	AV	V	13.36	40.95	54.00	13.05

802.11ax20 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5180	MHz		
10360.000	37.95	PK	H	13.26	51.21	68.20	16.99
10360.000	40.61	PK	V	13.26	53.87	68.20	14.33
15540.000	38.79	PK	H	13.48	52.27	74.00	21.73
15540.000	25.91	AV	H	13.48	39.39	54.00	14.61
15540.000	39.40	PK	V	13.48	52.88	74.00	21.12
15540.000	25.99	AV	V	13.48	39.47	54.00	14.53
Middle Channel:				5200	MHz		
10400.000	38.90	PK	H	13.28	52.18	68.20	16.02
10400.000	40.53	PK	V	13.28	53.81	68.20	14.39
15600.000	41.24	PK	H	13.38	54.62	74.00	19.38
15600.000	28.25	AV	H	13.38	41.63	54.00	12.37
15600.000	41.06	PK	V	13.38	54.44	74.00	19.56
15600.000	28.26	AV	V	13.38	41.64	54.00	12.36
High Channel:				5240	MHz		
10480.000	38.15	PK	H	13.38	51.53	68.20	16.67
10480.000	40.24	PK	V	13.38	53.62	68.20	14.58
15720.000	41.18	PK	H	13.30	54.48	74.00	19.52
15720.000	28.32	AV	H	13.30	41.62	54.00	12.38
15720.000	41.15	PK	V	13.30	54.45	74.00	19.55
15720.000	28.28	AV	V	13.30	41.58	54.00	12.42

802.11ax40 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5190	MHz		
10380.000	37.50	PK	H	13.27	50.77	68.20	17.43
10380.000	36.93	PK	V	13.27	50.20	68.20	18.00
15570.000	37.51	PK	H	13.43	50.94	74.00	23.06
15570.000	27.15	AV	H	13.43	40.58	54.00	13.42
15570.000	37.48	PK	V	13.43	50.91	74.00	23.09
15570.000	26.89	AV	V	13.43	40.32	54.00	13.68
High Channel:				5230	MHz		
10460.000	37.09	PK	H	13.35	50.44	68.20	17.76
10460.000	37.33	PK	V	13.35	50.68	68.20	17.52
15690.000	39.80	PK	H	13.33	53.13	74.00	20.87
15690.000	27.56	AV	H	13.33	40.89	54.00	13.11
15690.000	39.55	PK	V	13.33	52.88	74.00	21.12
15690.000	27.62	AV	V	13.33	40.95	54.00	13.05

802.11ax80 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5210	MHz		
10420.000	37.72	PK	H	13.30	51.02	68.20	17.18
10420.000	38.03	PK	V	13.30	51.33	68.20	16.87
15630.000	38.73	PK	H	13.36	52.09	74.00	21.91
15630.000	27.65	AV	H	13.36	41.01	54.00	12.99
15630.000	38.77	PK	V	13.36	52.13	74.00	21.87
15630.000	26.96	AV	V	13.36	40.32	54.00	13.68

5250-5350MHz:**802.11a Mode Chain 0:**

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5260	MHz		
10520.000	36.26	PK	H	13.39	49.65	68.20	18.55
10520.000	35.76	PK	V	13.39	49.15	68.20	19.05
15780.000	38.93	PK	H	13.26	52.19	74.00	21.81
15780.000	28.04	AV	H	13.26	41.30	54.00	12.70
15780.000	39.34	PK	V	13.26	52.60	74.00	21.40
15780.000	28.38	AV	V	13.26	41.64	54.00	12.36
Middle Channel:				5280	MHz		
10560.000	36.19	PK	H	13.38	49.57	68.20	18.63
10560.000	37.32	PK	V	13.38	50.70	68.20	17.50
15840.000	38.11	PK	H	13.33	51.44	74.00	22.56
15840.000	27.16	AV	H	13.33	40.49	54.00	13.51
15840.000	38.49	PK	V	13.33	51.82	74.00	22.18
15840.000	27.65	AV	V	13.33	40.98	54.00	13.02
High Channel:				5320	MHz		
10640.000	36.47	PK	H	13.35	49.82	74.00	24.18
10640.000	27.25	AV	H	13.35	40.60	54.00	13.40
10640.000	36.88	PK	V	13.35	50.23	74.00	23.77
10640.000	27.13	AV	V	13.35	40.48	54.00	13.52
15960.000	38.69	PK	H	13.44	52.13	74.00	21.87
15960.000	27.16	AV	H	13.44	40.60	54.00	13.40
15960.000	39.63	PK	V	13.44	53.07	74.00	20.93
15960.000	26.99	AV	V	13.44	40.43	54.00	13.57

802.11a Mode Chain 1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5260	MHz		
10520.000	36.45	PK	H	13.39	49.84	68.20	18.36
10520.000	36.19	PK	V	13.39	49.58	68.20	18.62
15780.000	38.77	PK	H	13.26	52.03	74.00	21.97
15780.000	27.06	AV	H	13.26	40.32	54.00	13.68
15780.000	38.26	PK	V	13.26	51.52	74.00	22.48
15780.000	27.16	AV	V	13.26	40.42	54.00	13.58
Middle Channel:				5280	MHz		
10560.000	36.08	PK	H	13.38	49.46	68.20	18.74
10560.000	35.95	PK	V	13.38	49.33	68.20	18.87
15840.000	39.07	PK	H	13.33	52.40	74.00	21.60
15840.000	27.78	AV	H	13.33	41.11	54.00	12.89
15840.000	38.30	PK	V	13.33	51.63	74.00	22.37
15840.000	27.37	AV	V	13.33	40.70	54.00	13.30
High Channel:				5320	MHz		
10640.000	37.48	PK	H	13.35	50.83	74.00	23.17
10640.000	26.70	AV	H	13.35	40.05	54.00	13.95
10640.000	37.61	PK	V	13.35	50.96	74.00	23.04
10640.000	26.45	AV	V	13.35	39.81	54.00	14.20
15960.000	39.15	PK	H	13.44	52.59	74.00	21.41
15960.000	27.03	AV	H	13.44	40.47	54.00	13.53
15960.000	39.22	PK	V	13.44	52.66	74.00	21.34
15960.000	26.85	AV	V	13.44	40.29	54.00	13.71

802.11ac20 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5260	MHz		
10520.000	37.93	PK	H	13.39	51.32	68.20	16.88
10520.000	38.10	PK	V	13.39	51.49	68.20	16.71
15780.000	36.74	PK	H	13.26	50.00	74.00	24.00
15780.000	25.16	AV	H	13.26	38.42	54.00	15.58
15780.000	37.31	PK	V	13.26	50.57	74.00	23.43
15780.000	26.09	AV	V	13.26	39.35	54.00	14.65
Middle Channel:				5280	MHz		
10560.000	36.95	PK	H	13.38	50.33	68.20	17.87
10560.000	37.08	PK	V	13.38	50.46	68.20	17.74
15840.000	38.19	PK	H	13.33	51.52	74.00	22.48
15840.000	25.04	AV	H	13.33	38.37	54.00	15.63
15840.000	38.29	PK	V	13.33	51.62	74.00	22.38
15840.000	26.48	AV	V	13.33	39.81	54.00	14.19
High Channel:				5320	MHz		
10640.000	36.70	PK	H	13.35	50.05	74.00	23.95
10640.000	26.11	AV	H	13.35	39.46	54.00	14.54
10640.000	36.53	PK	V	13.35	49.88	74.00	24.12
10640.000	25.82	AV	V	13.35	39.17	54.00	14.83
15960.000	38.45	PK	H	13.44	51.89	74.00	22.11
15960.000	27.65	AV	H	13.44	41.09	54.00	12.91
15960.000	39.14	PK	V	13.44	52.58	74.00	21.42
15960.000	26.45	AV	V	13.44	39.89	54.00	14.11

802.11ac40 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5270	MHz		
10540.000	35.98	PK	H	13.38	49.36	68.20	18.84
10540.000	36.77	PK	V	13.38	50.15	68.20	18.05
15810.000	39.06	PK	H	13.26	52.32	74.00	21.68
15810.000	26.71	AV	H	13.26	39.97	54.00	14.03
15810.000	39.21	PK	V	13.26	52.47	74.00	21.53
15810.000	26.84	AV	V	13.26	40.10	54.00	13.90
High Channel:				5310	MHz		
10620.000	35.91	PK	H	13.35	49.26	74.00	24.74
10620.000	25.62	AV	H	13.35	38.97	54.00	15.03
10620.000	35.90	PK	V	13.35	49.25	74.00	24.75
10620.000	26.29	AV	V	13.35	39.64	54.00	14.36
15930.000	39.48	PK	H	13.45	52.93	74.00	21.07
15930.000	27.84	AV	H	13.45	41.29	54.00	12.71
15930.000	39.06	PK	V	13.45	52.51	74.00	21.49
15930.000	27.63	AV	V	13.45	41.08	54.00	12.92

802.11ac80 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5290	MHz		
10580.000	36.56	PK	H	13.37	49.93	68.20	18.27
10580.000	35.30	PK	V	13.37	48.67	68.20	19.53
15870.000	38.83	PK	H	13.41	52.24	74.00	21.76
15870.000	27.18	AV	H	13.41	40.59	54.00	13.41
15870.000	36.90	PK	V	13.41	50.31	74.00	23.69
15870.000	26.78	AV	V	13.41	40.19	54.00	13.81

802.11ac160 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5250	MHz		
10500.000	36.51	PK	H	13.40	49.91	68.20	18.29
10500.000	36.58	PK	V	13.40	49.98	68.20	18.22
15750.000	37.84	PK	H	13.28	51.12	74.00	22.88
15750.000	26.85	AV	H	13.28	40.13	54.00	13.87
15750.000	37.49	PK	V	13.28	50.77	74.00	23.23
15750.000	26.44	AV	V	13.28	39.72	54.00	14.28

802.11ax20 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5260	MHz		
10520.000	36.67	PK	H	13.39	50.06	68.20	18.14
10520.000	36.90	PK	V	13.39	50.29	68.20	17.91
15780.000	40.11	PK	H	13.26	53.37	74.00	20.63
15780.000	28.59	AV	H	13.26	41.85	54.00	12.15
15780.000	39.54	PK	V	13.26	52.80	74.00	21.20
15780.000	28.38	AV	V	13.26	41.64	54.00	12.36
Middle Channel:				5280	MHz		
10560.000	36.42	PK	H	13.38	49.80	68.20	18.40
10560.000	36.27	PK	V	13.38	49.65	68.20	18.55
15840.000	39.88	PK	H	13.33	53.21	74.00	20.79
15840.000	27.96	AV	H	13.33	41.29	54.00	12.71
15840.000	40.73	PK	V	13.33	54.06	74.00	19.94
15840.000	28.16	AV	V	13.33	41.49	54.00	12.51
High Channel:				5320	MHz		
10640.000	36.85	PK	H	13.35	50.20	74.00	23.80
10640.000	28.31	AV	H	13.35	41.66	54.00	12.34
10640.000	36.94	PK	V	13.35	50.29	74.00	23.71
10640.000	27.76	AV	V	13.35	41.11	54.00	12.89
15960.000	39.65	PK	H	13.44	53.09	74.00	20.91
15960.000	27.31	AV	H	13.44	40.75	54.00	13.25
15960.000	39.50	PK	V	13.44	52.94	74.00	21.06
15960.000	27.26	AV	V	13.44	40.70	54.00	13.30

802.11ax40 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5270	MHz		
10540.000	37.94	PK	H	13.38	51.32	68.20	16.88
10540.000	38.09	PK	V	13.38	51.47	68.20	16.73
15810.000	37.49	PK	H	13.26	50.75	74.00	23.25
15810.000	24.99	AV	H	13.26	38.25	54.00	15.75
15810.000	38.52	PK	V	13.26	51.78	74.00	22.22
15810.000	25.36	AV	V	13.26	38.62	54.00	15.38
High Channel:				5310	MHz		
10620.000	36.30	PK	H	13.35	49.65	74.00	24.35
10620.000	26.44	AV	H	13.35	39.79	54.00	14.21
10620.000	36.34	PK	V	13.35	49.69	74.00	24.31
10620.000	25.44	AV	V	13.35	38.79	54.00	15.21
15930.000	38.98	PK	H	13.45	52.43	74.00	21.57
15930.000	27.11	AV	H	13.45	40.56	54.00	13.44
15930.000	38.85	PK	V	13.45	52.30	74.00	21.70
15930.000	27.42	AV	V	13.45	40.87	54.00	13.13

802.11ax80 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5290	MHz		
10580.000	36.99	PK	H	13.37	50.36	68.20	17.84
10580.000	37.21	PK	V	13.37	50.58	68.20	17.62
15870.000	37.81	PK	H	13.41	51.22	74.00	22.78
15870.000	26.26	AV	H	13.41	39.67	54.00	14.33
15870.000	38.34	PK	V	13.41	51.75	74.00	22.25
15870.000	26.26	AV	V	13.41	39.67	54.00	14.33

802.11ax160 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5250	MHz		
10500.000	36.74	PK	H	13.40	50.14	68.20	18.06
10500.000	37.13	PK	V	13.40	50.53	68.20	17.67
15750.000	37.05	PK	H	13.28	50.33	74.00	23.67
15750.000	26.31	AV	H	13.28	39.59	54.00	14.41
15750.000	38.51	PK	V	13.28	51.79	74.00	22.21
15750.000	26.39	AV	V	13.28	39.67	54.00	14.33

5725-5850MHz**802.11a Mode Chain 0:**

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5745	MHz		
11490.000	37.99	PK	H	13.97	51.96	74.00	22.04
11490.000	25.57	AV	H	13.97	39.54	54.00	14.46
11490.000	37.24	PK	V	13.97	51.21	74.00	22.79
11490.000	25.39	AV	V	13.97	39.36	54.00	14.64
17235.000	38.23	PK	H	16.99	55.22	68.20	12.98
17235.000	38.97	PK	V	16.99	55.96	68.20	12.24
Middle Channel:				5785	MHz		
11570.000	37.24	PK	H	14.33	51.57	74.00	22.43
11570.000	24.99	AV	H	14.33	39.32	54.00	14.68
11570.000	38.09	PK	V	14.33	52.42	74.00	21.58
11570.000	24.67	AV	V	14.33	39.00	54.00	15.00
17355.000	37.79	PK	H	17.98	55.77	68.20	12.43
17355.000	37.59	PK	V	17.98	55.57	68.20	12.63
High Channel:				5825	MHz		
11650.000	37.65	PK	H	14.49	52.14	74.00	21.86
11650.000	24.96	AV	H	14.49	39.45	54.00	14.55
11650.000	38.11	PK	V	14.49	52.60	74.00	21.40
11650.000	25.16	AV	V	14.49	39.65	54.00	14.35
17475.000	36.98	PK	H	18.94	55.92	68.20	12.28
17475.000	36.75	PK	V	18.94	55.69	68.20	12.51

802.11a Mode Chain 1:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5745	MHz		
11490.000	37.17	PK	H	13.97	51.14	74.00	22.86
11490.000	25.58	AV	H	13.97	39.55	54.00	14.45
11490.000	37.41	PK	V	13.97	51.38	74.00	22.62
11490.000	25.57	AV	V	13.97	39.54	54.00	14.46
17235.000	39.12	PK	H	16.99	56.11	68.20	12.09
17235.000	37.90	PK	V	16.99	54.89	68.20	13.31
Middle Channel:				5785	MHz		
11570.000	37.61	PK	H	14.33	51.94	74.00	22.06
11570.000	24.98	AV	H	14.33	39.31	54.00	14.69
11570.000	37.84	PK	V	14.33	52.17	74.00	21.83
11570.000	25.23	AV	V	14.33	39.56	54.00	14.44
17355.000	37.94	PK	H	17.98	55.92	68.20	12.28
17355.000	37.41	PK	V	17.98	55.39	68.20	12.81
High Channel:				5825	MHz		
11650.000	37.89	PK	H	14.49	52.38	74.00	21.62
11650.000	24.67	AV	H	14.49	39.16	54.00	14.84
11650.000	37.89	PK	V	14.49	52.38	74.00	21.62
11650.000	25.19	AV	V	14.49	39.68	54.00	14.32
17475.000	36.85	PK	H	18.94	55.79	68.20	12.41
17475.000	37.09	PK	V	18.94	56.03	68.20	12.17

802.11ac20 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5745	MHz		
11490.000	37.24	PK	H	13.97	51.21	74.00	22.79
11490.000	25.92	AV	H	13.97	39.89	54.00	14.11
11490.000	37.51	PK	V	13.97	51.48	74.00	22.52
11490.000	25.69	AV	V	13.97	39.66	54.00	14.34
17235.000	37.83	PK	H	16.99	54.82	68.20	13.38
17235.000	38.53	PK	V	16.99	55.52	68.20	12.68
Middle Channel:				5785	MHz		
11570.000	37.19	PK	H	14.33	51.52	74.00	22.48
11570.000	24.86	AV	H	14.33	39.19	54.00	14.81
11570.000	38.41	PK	V	14.33	52.74	74.00	21.26
11570.000	25.09	AV	V	14.33	39.42	54.00	14.58
17355.000	37.67	PK	H	17.98	55.65	68.20	12.55
17355.000	37.64	PK	V	17.98	55.62	68.20	12.58
High Channel:				5825	MHz		
11650.000	37.47	PK	H	14.49	51.96	74.00	22.04
11650.000	24.63	AV	H	14.49	39.12	54.00	14.88
11650.000	37.49	PK	V	14.49	51.98	74.00	22.02
11650.000	24.87	AV	V	14.49	39.36	54.00	14.64
17475.000	36.71	PK	H	18.94	55.65	68.20	12.55
17475.000	36.59	PK	V	18.94	55.53	68.20	12.67

802.11ac40 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5755	MHz		
11510.000	38.08	PK	H	14.05	52.13	74.00	21.87
11510.000	24.68	AV	H	14.05	38.73	54.00	15.27
11510.000	37.67	PK	V	14.05	51.72	74.00	22.28
11510.000	25.16	AV	V	14.05	39.21	54.00	14.79
17265.000	37.64	PK	H	17.22	54.86	68.20	13.34
17265.000	38.21	PK	V	17.22	55.43	68.20	12.77
High Channel:				5795	MHz		
11590.000	36.88	PK	H	14.43	51.31	74.00	22.69
11590.000	25.46	AV	H	14.43	39.89	54.00	14.11
11590.000	36.91	PK	V	14.43	51.34	74.00	22.66
11590.000	25.46	AV	V	14.43	39.89	54.00	14.11
17385.000	38.29	PK	H	18.26	56.55	68.20	11.65
17385.000	38.16	PK	V	18.26	56.42	68.20	11.78

802.11ac80 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5775	MHz		
11550.000	38.64	PK	H	14.24	52.88	74.00	21.12
11550.000	24.85	AV	H	14.24	39.09	54.00	14.91
11550.000	37.49	PK	V	14.24	51.73	74.00	22.27
11550.000	25.09	AV	V	14.24	39.33	54.00	14.67
17325.000	38.76	PK	H	17.70	56.46	68.20	11.74
17325.000	39.26	PK	V	17.70	56.96	68.20	11.24

802.11ax20 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5745	MHz		
11490.000	38.61	PK	H	13.97	52.58	74.00	21.42
11490.000	24.39	AV	H	13.97	38.36	54.00	15.64
11490.000	37.95	PK	V	13.97	51.92	74.00	22.08
11490.000	25.09	AV	V	13.97	39.06	54.00	14.94
17235.000	38.24	PK	H	16.99	55.23	68.20	12.97
17235.000	38.46	PK	V	16.99	55.45	68.20	12.75
Middle Channel:				5785	MHz		
11570.000	37.49	PK	H	14.33	51.82	74.00	22.18
11570.000	24.56	AV	H	14.33	38.89	54.00	15.11
11570.000	37.25	PK	V	14.33	51.58	74.00	22.42
11570.000	24.72	AV	V	14.33	39.05	54.00	14.95
17355.000	37.44	PK	H	17.98	55.42	68.20	12.78
17355.000	38.26	PK	V	17.98	56.24	68.20	11.96
High Channel:				5825	MHz		
11650.000	36.80	PK	H	14.49	51.29	74.00	22.71
11650.000	25.13	AV	H	14.49	39.62	54.00	14.38
11650.000	37.34	PK	V	14.49	51.83	74.00	22.17
11650.000	25.39	AV	V	14.49	39.88	54.00	14.12
17475.000	38.07	PK	H	18.94	57.01	68.20	11.19
17475.000	38.95	PK	V	18.94	57.89	68.20	10.31

802.11ax40 Mode:

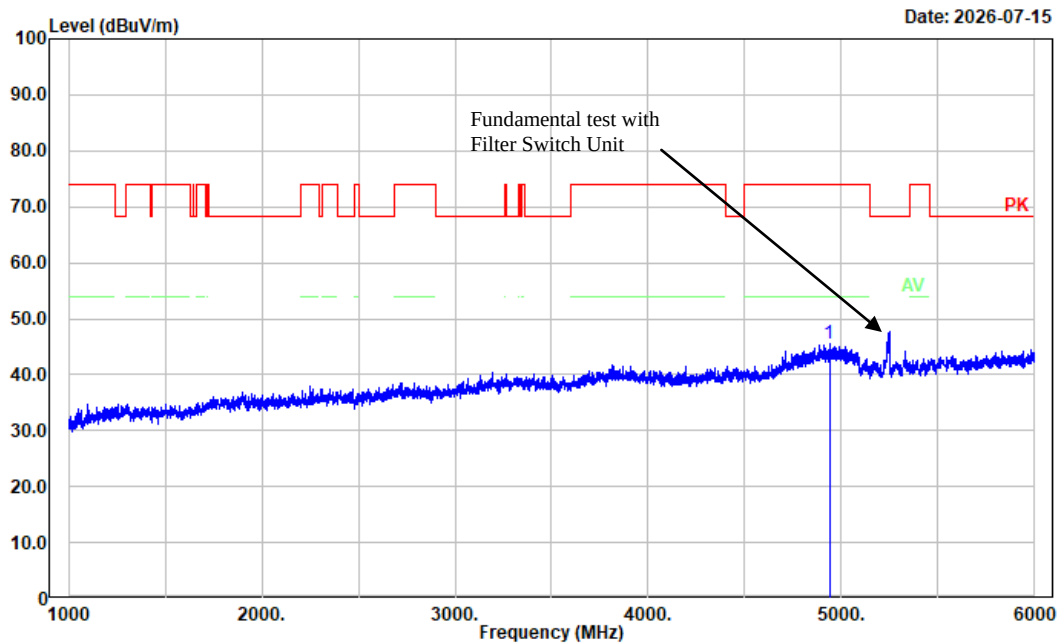
Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Low Channel:				5755	MHz		
11510.000	37.82	PK	H	14.05	51.87	74.00	22.13
11510.000	24.59	AV	H	14.05	38.64	54.00	15.36
11510.000	37.95	PK	V	14.05	52.00	74.00	22.00
11510.000	24.92	AV	V	14.05	38.97	54.00	15.03
17265.000	37.84	PK	H	17.22	55.06	68.20	13.14
17265.000	37.96	PK	V	17.22	55.18	68.20	13.02
High Channel:				5795	MHz		
11590.000	36.39	PK	H	14.43	50.82	74.00	23.18
11590.000	24.80	AV	H	14.43	39.23	54.00	14.77
11590.000	35.90	PK	V	14.43	50.33	74.00	23.67
11590.000	24.68	AV	V	14.43	39.11	54.00	14.89
17385.000	38.14	PK	H	18.26	56.40	68.20	11.80
17385.000	37.91	PK	V	18.26	56.17	68.20	12.03

802.11ax80 Mode:

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Remark					
Middle Channel:				5775	MHz		
11550.000	37.61	PK	H	14.24	51.85	74.00	22.15
11550.000	24.63	AV	H	14.24	38.87	54.00	15.13
11550.000	37.49	PK	V	14.24	51.73	74.00	22.27
11550.000	24.57	AV	V	14.24	38.81	54.00	15.19
17325.000	37.61	PK	H	17.70	55.31	68.20	12.89
17325.000	37.42	PK	V	17.70	55.12	68.20	13.08

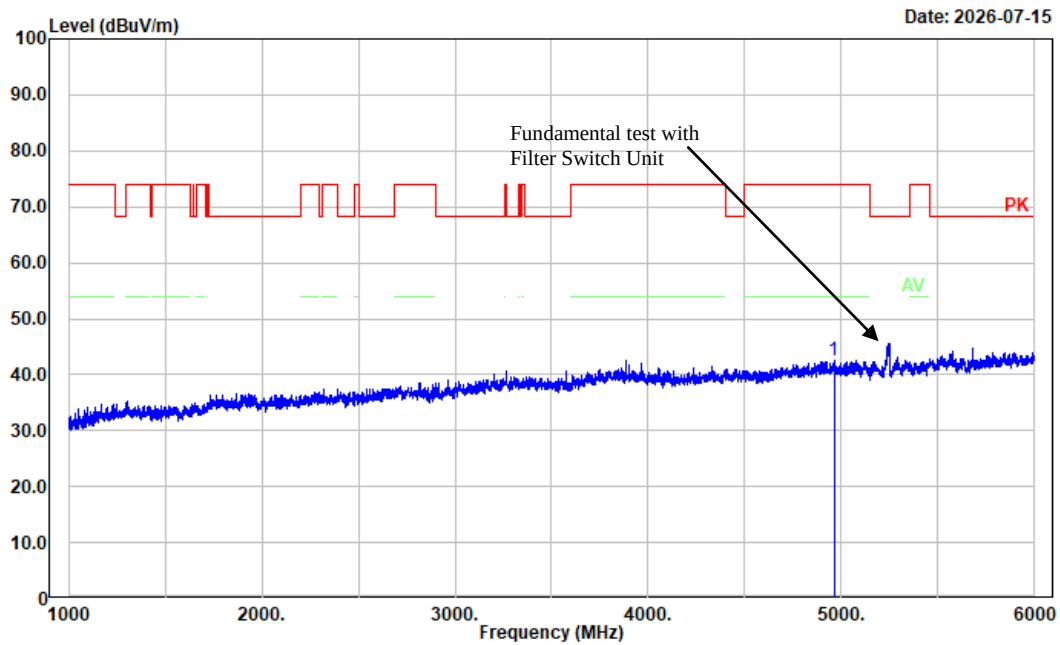
**Worst radiation spurious emissions margin test plots for each mode
1-18GHz:**

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi a High Channel 5240MHz Chain 0 Band 1



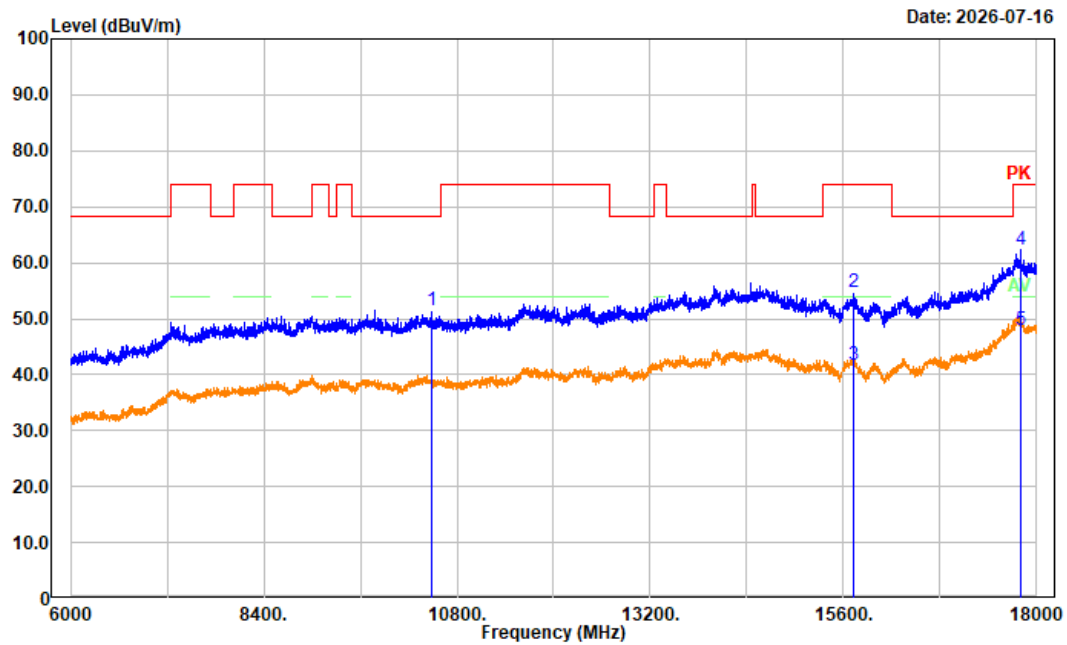
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4937.000	40.57	4.86	45.43	74.00	28.57	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi a High Channel 5240MHz Chain 0 Band 1



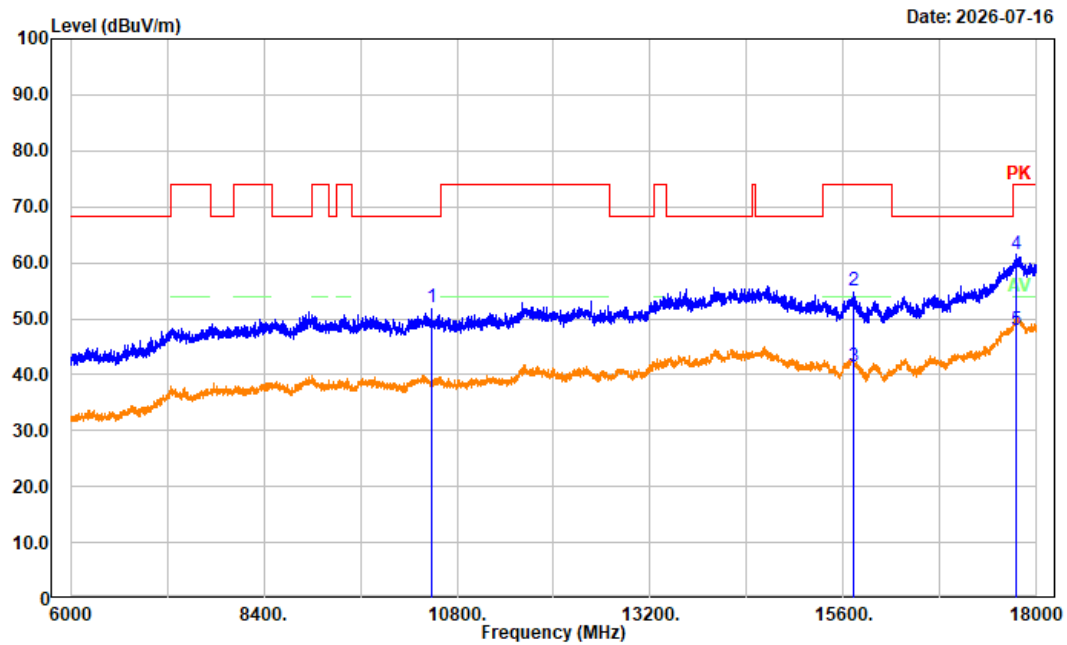
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4961.000	37.74	4.87	42.61	74.00	31.39	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi a High Channel 5240MHz Chain 0 Band 1



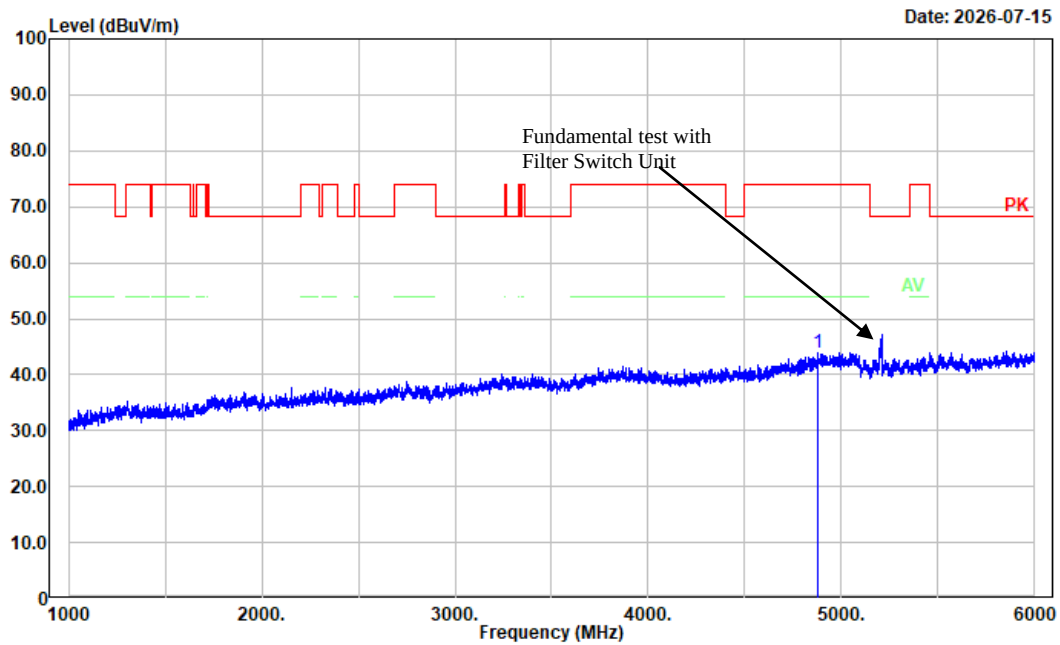
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10480.000	38.21	13.38	51.59	68.20	16.61	Peak
2	15720.000	41.31	13.30	54.61	74.00	19.39	Peak
3	15720.000	28.30	13.30	41.60	54.00	12.40	Average
4	17803.200	40.98	21.36	62.34	74.00	11.66	Peak
5	17803.200	26.50	21.36	47.86	54.00	6.14	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a High Channel 5240MHz Chain 0 Band 1



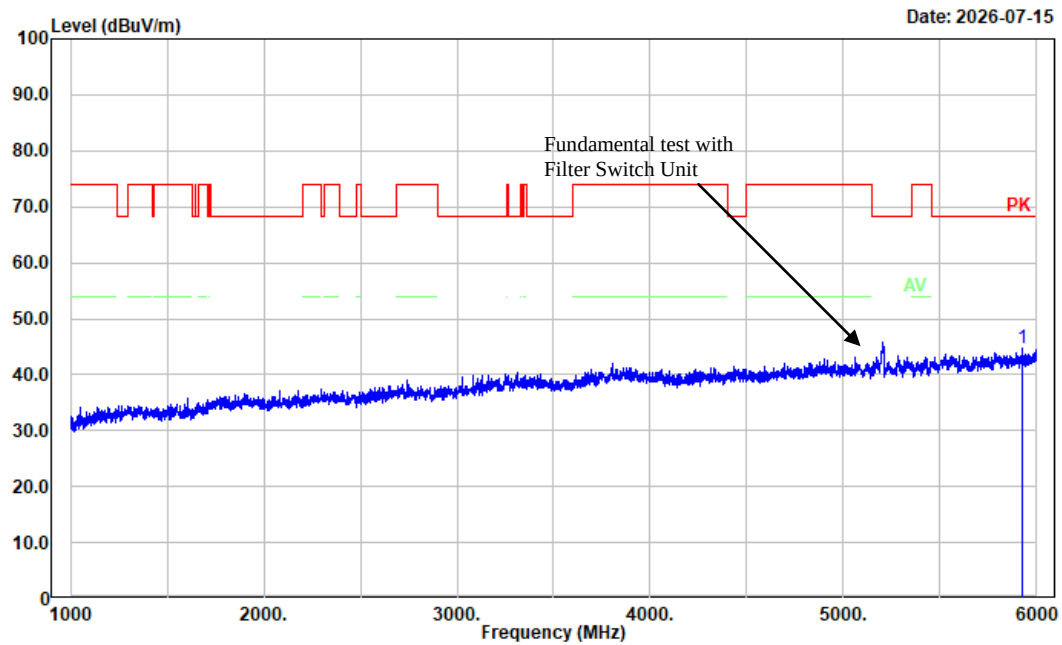
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10480.000	38.55	13.38	51.93	68.20	16.27	Peak
2	15720.000	41.65	13.30	54.95	74.00	19.05	Peak
3	15720.000	28.25	13.30	41.55	54.00	12.45	Average
4	17738.400	40.45	21.15	61.60	74.00	12.40	Peak
5	17738.400	26.74	21.15	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi a Middle Channel 5200MHz Chain 1 Band 1



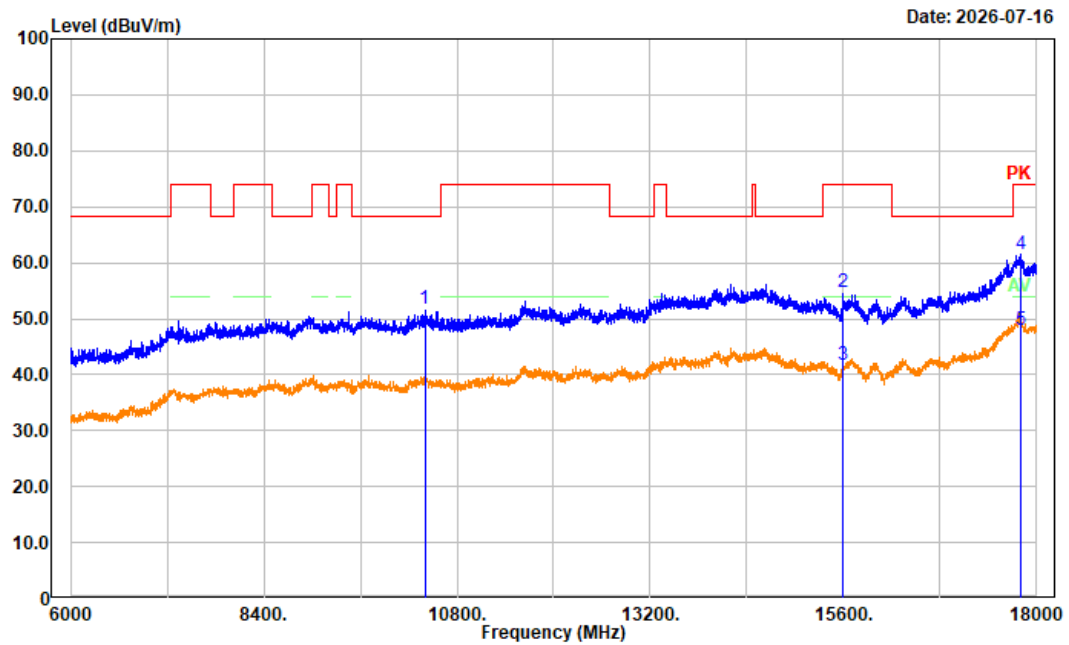
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4879.000	39.06	4.87	43.93	74.00	30.07	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi a Middle Channel 5200MHz Chain 1 Band 1



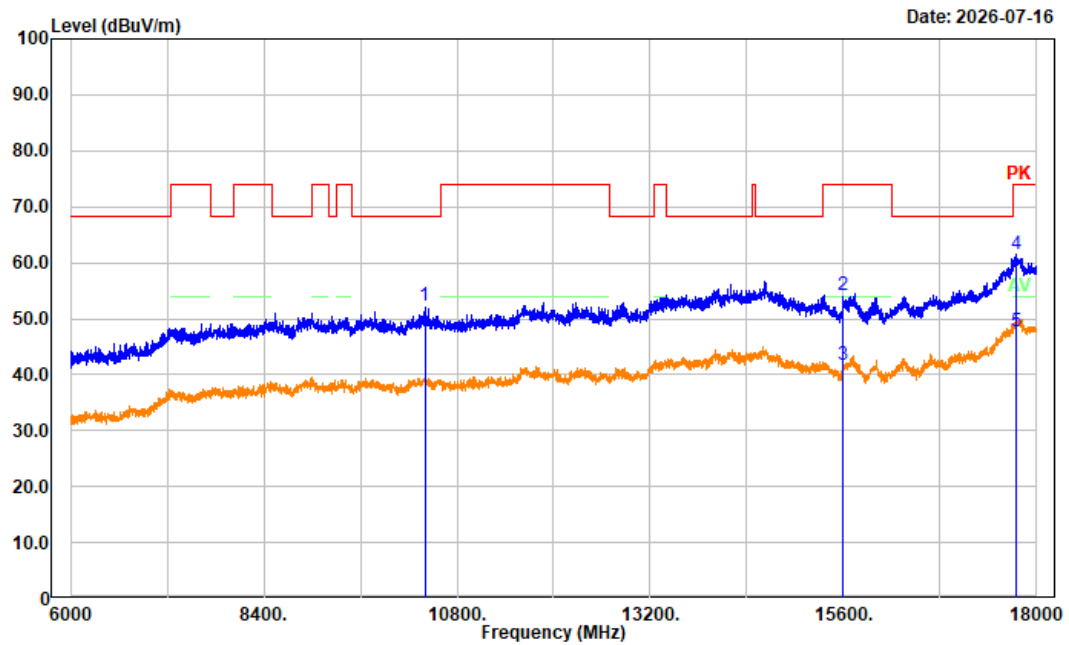
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5924.000	37.46	7.18	44.64	68.20	23.56	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi a Middle Channel 5200MHz Chain 1 Band 1



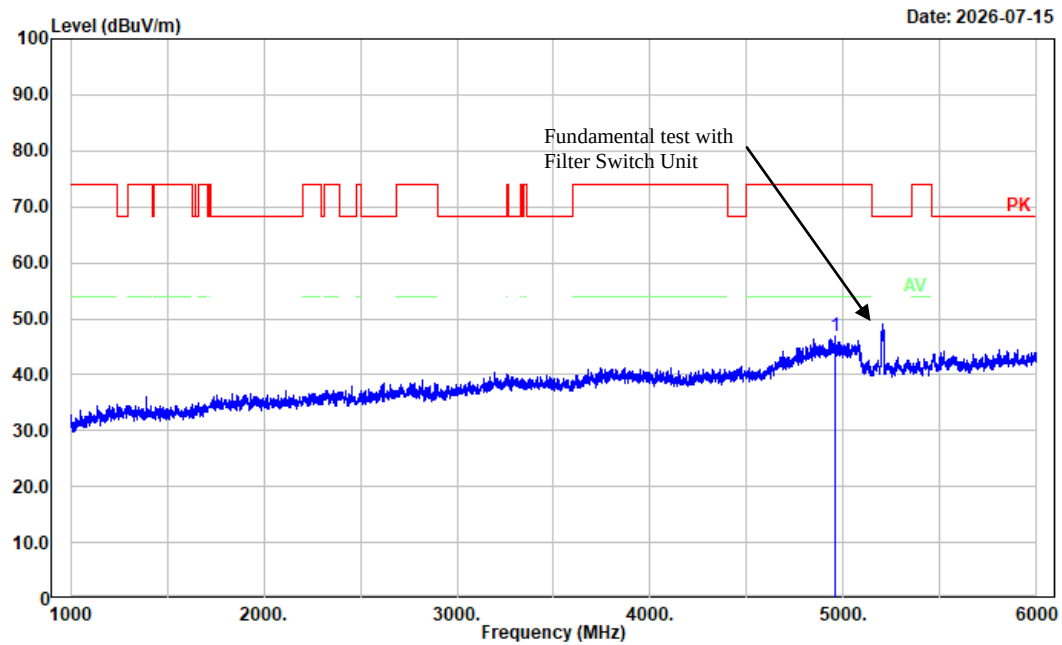
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10400.000	38.58	13.28	51.86	68.20	16.34	Peak
2	15600.000	41.36	13.38	54.74	74.00	19.26	Peak
3	15600.000	28.22	13.38	41.60	54.00	12.40	Average
4	17810.400	40.09	21.36	61.45	74.00	12.55	Peak
5	17810.400	26.59	21.36	47.95	54.00	6.05	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a Middle Channel 5200MHz Chain 1 Band 1



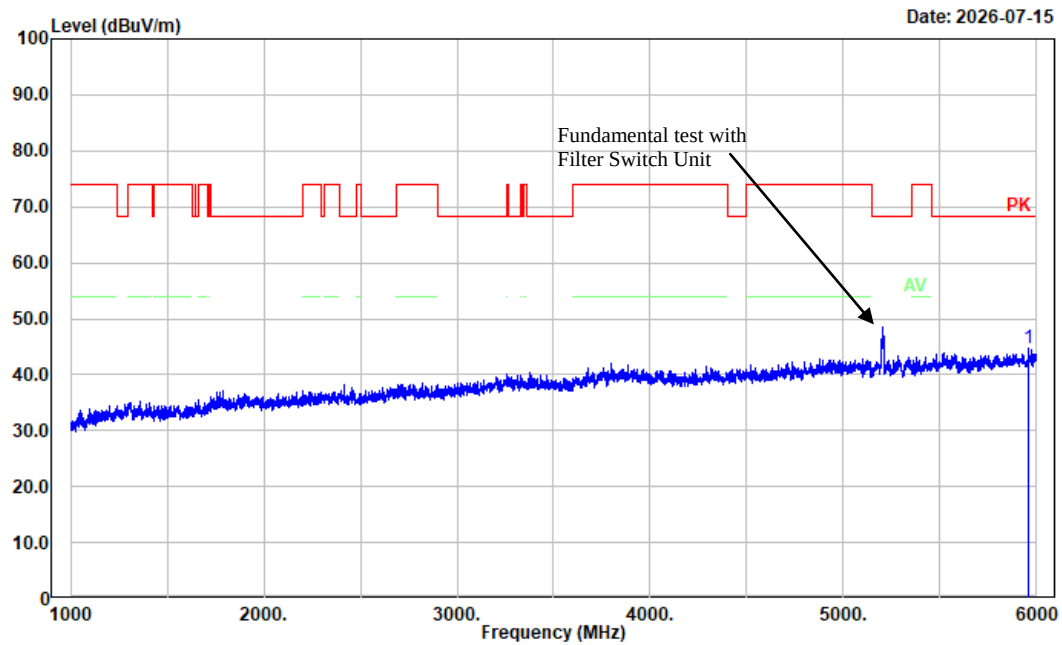
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10400.000	38.99	13.28	52.27	68.20	15.93	Peak
2	15600.000	40.87	13.38	54.25	74.00	19.75	Peak
3	15600.000	28.26	13.38	41.64	54.00	12.36	Average
4	17745.600	40.31	21.17	61.48	74.00	12.52	Peak
5	17745.600	26.64	21.17	47.81	54.00	6.19	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac20 Middle Channel 5200MHz Band 1



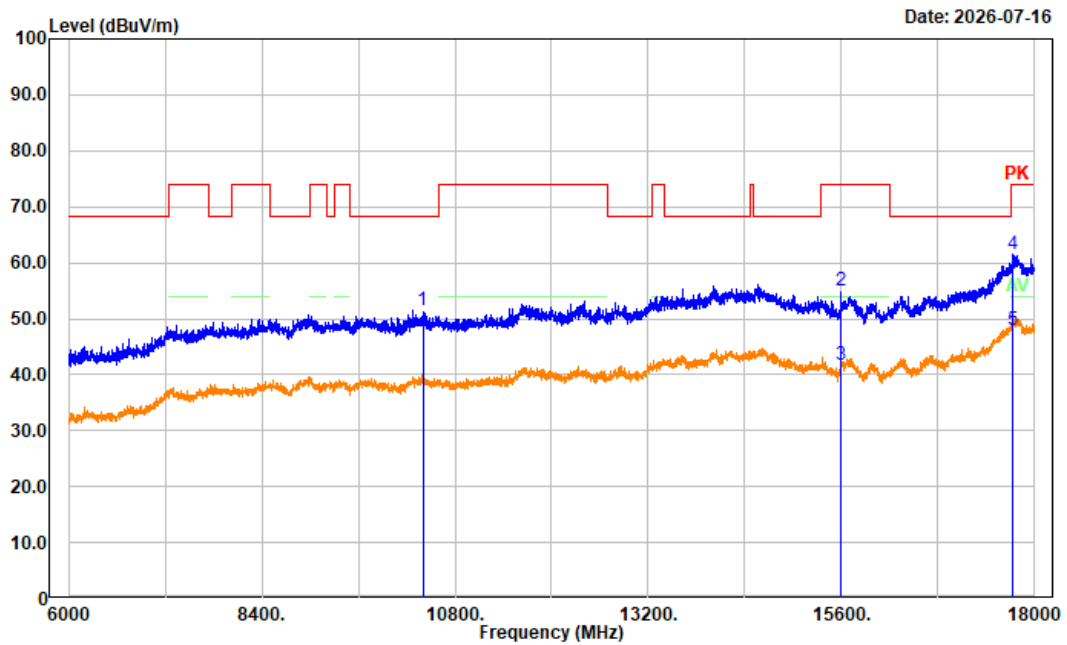
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4958.000	42.09	4.86	46.95	74.00	27.05	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac20 Middle Channel 5200MHz Band 1



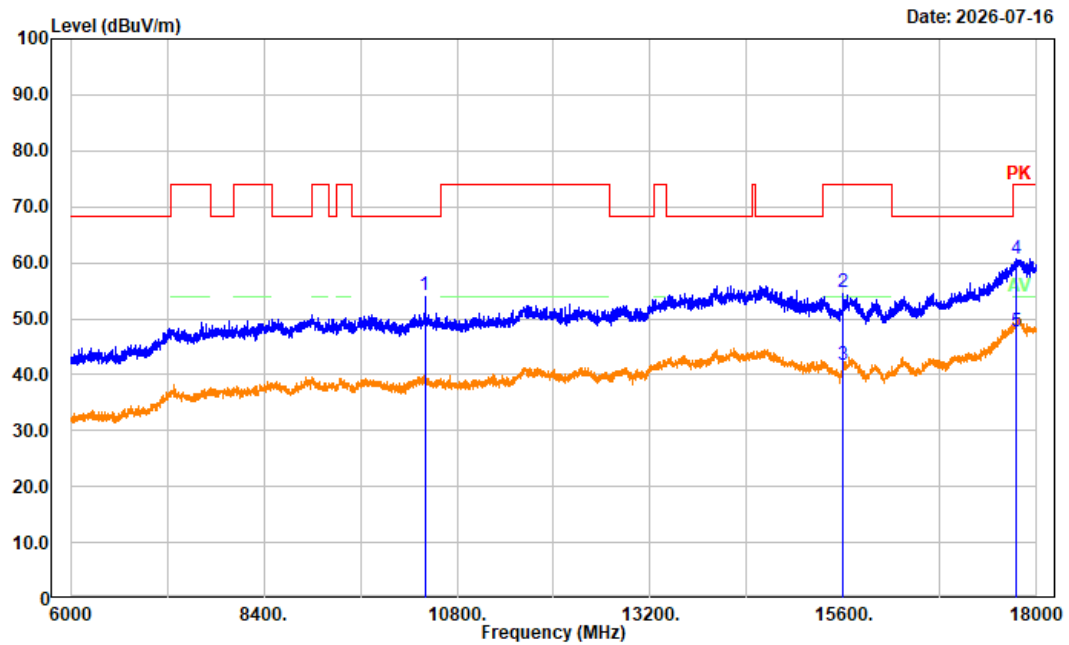
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5960.000	37.36	7.34	44.70	68.20	23.50	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac20 Middle Channel 5200MHz Band 1



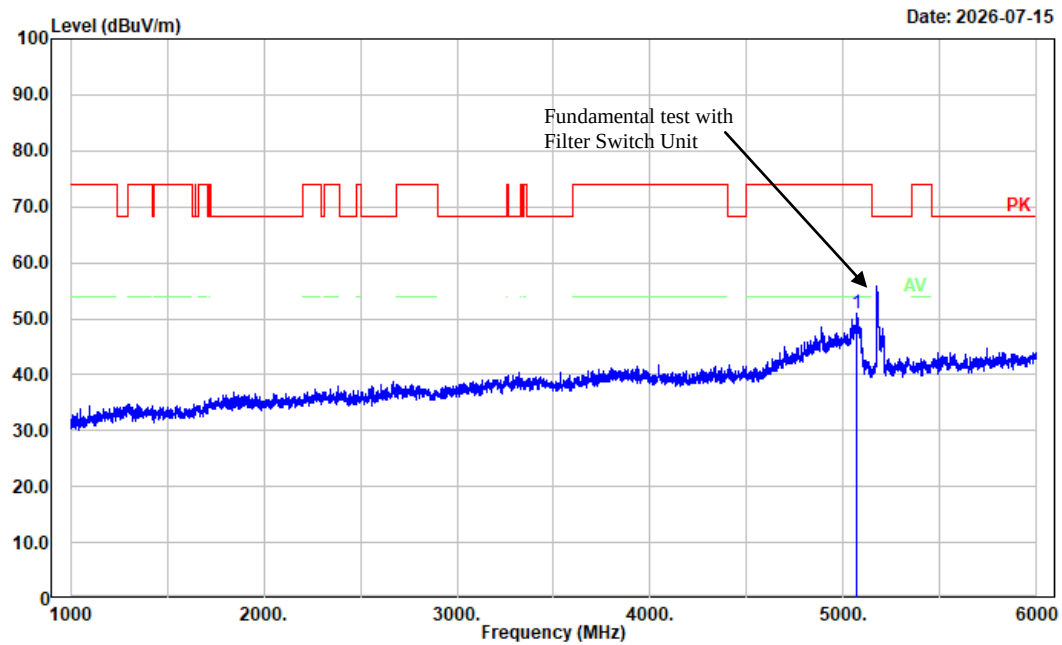
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10400.000	38.21	13.28	51.49	68.20	16.71	Peak
2	15600.000	41.50	13.38	54.88	74.00	19.12	Peak
3	15600.000	28.26	13.38	41.64	54.00	12.36	Average
4	17721.600	40.45	21.08	61.53	74.00	12.47	Peak
5	17721.600	26.86	21.08	47.94	54.00	6.06	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac20 Middle Channel 5200MHz Band 1



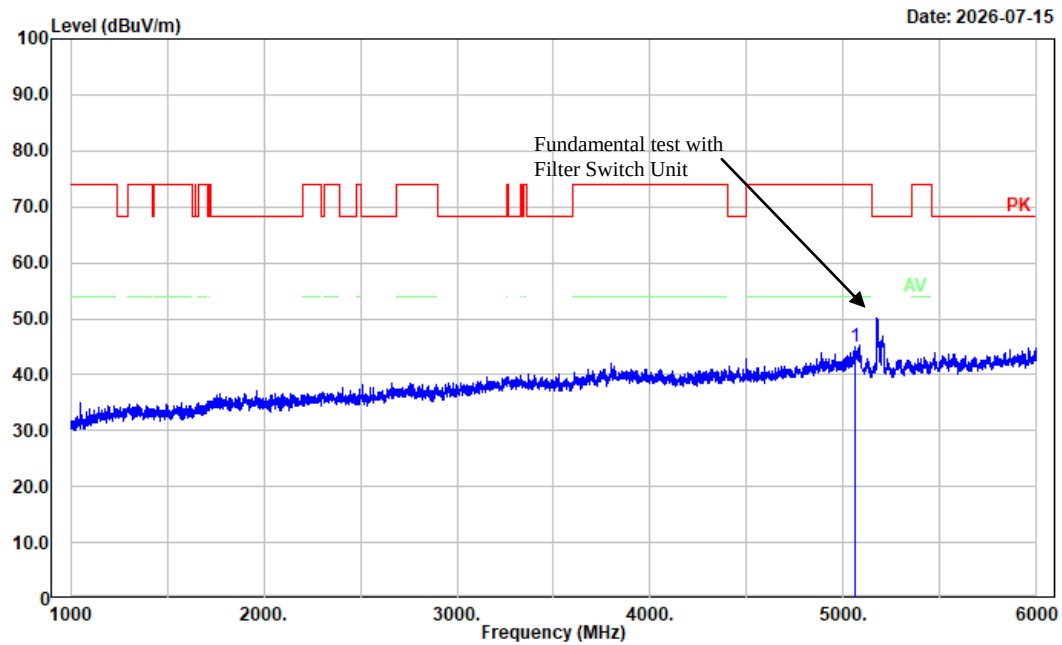
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10400.000	40.91	13.28	54.19	68.20	14.01	Peak
2	15600.000	41.30	13.38	54.68	74.00	19.32	Peak
3	15600.000	28.28	13.38	41.66	54.00	12.34	Average
4	17740.800	39.56	21.15	60.71	74.00	13.29	Peak
5	17740.800	26.66	21.15	47.81	54.00	6.19	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac40 High Channel 5230MHz Band 1



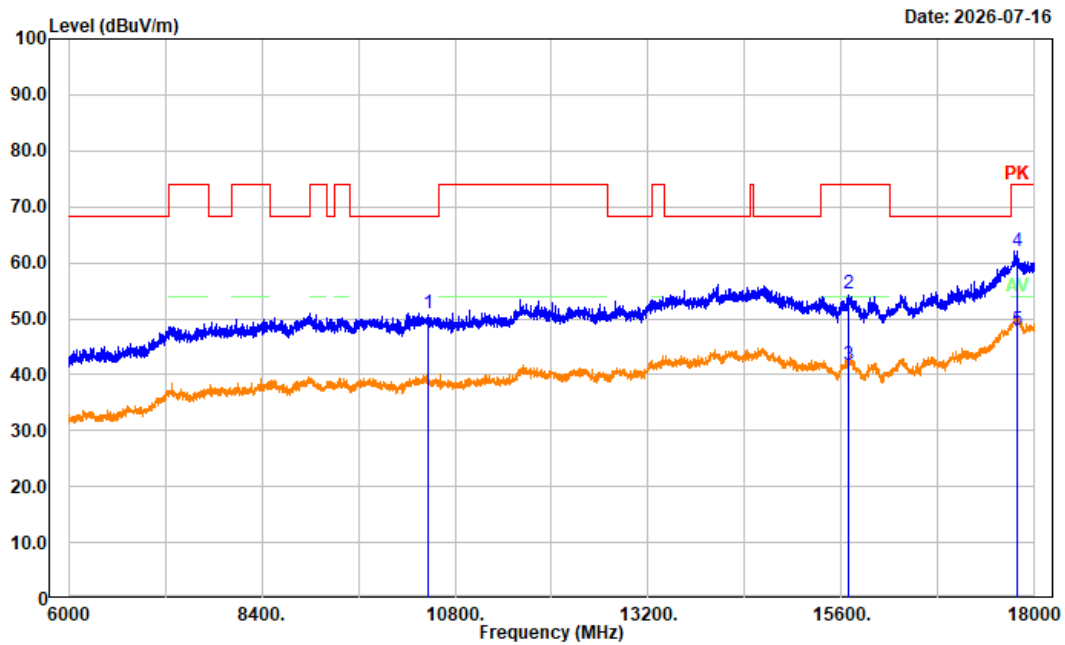
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5065.000	45.61	5.43	51.04	74.00	22.96	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac40 High Channel 5230MHz Band 1



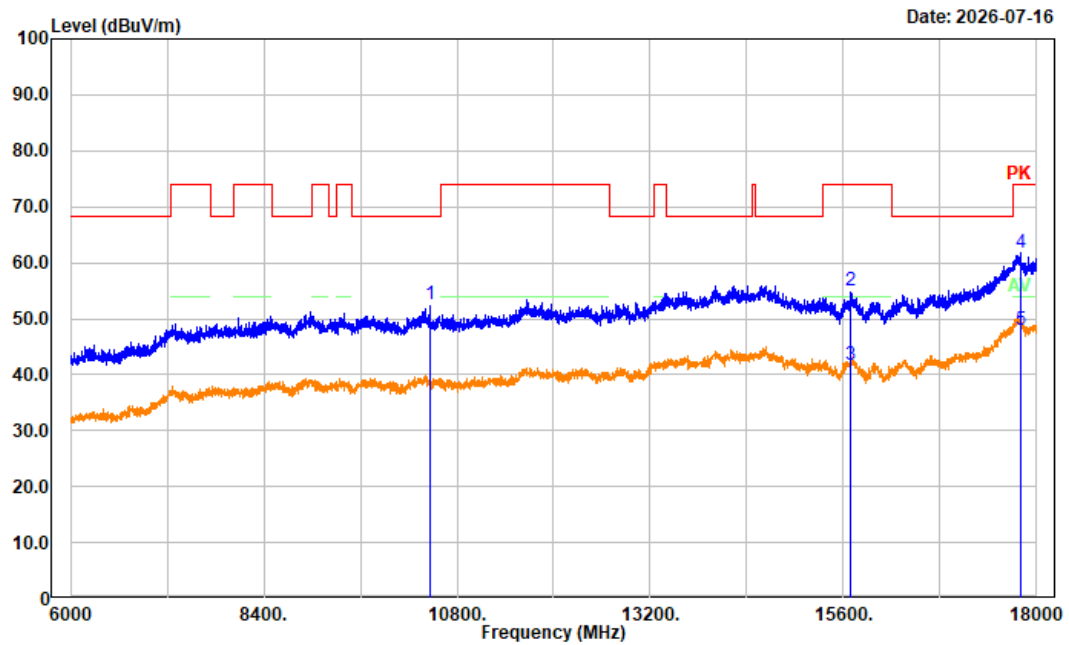
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5059.000	39.66	5.41	45.07	74.00	28.93	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac40 High Channel 5230MHz Band 1



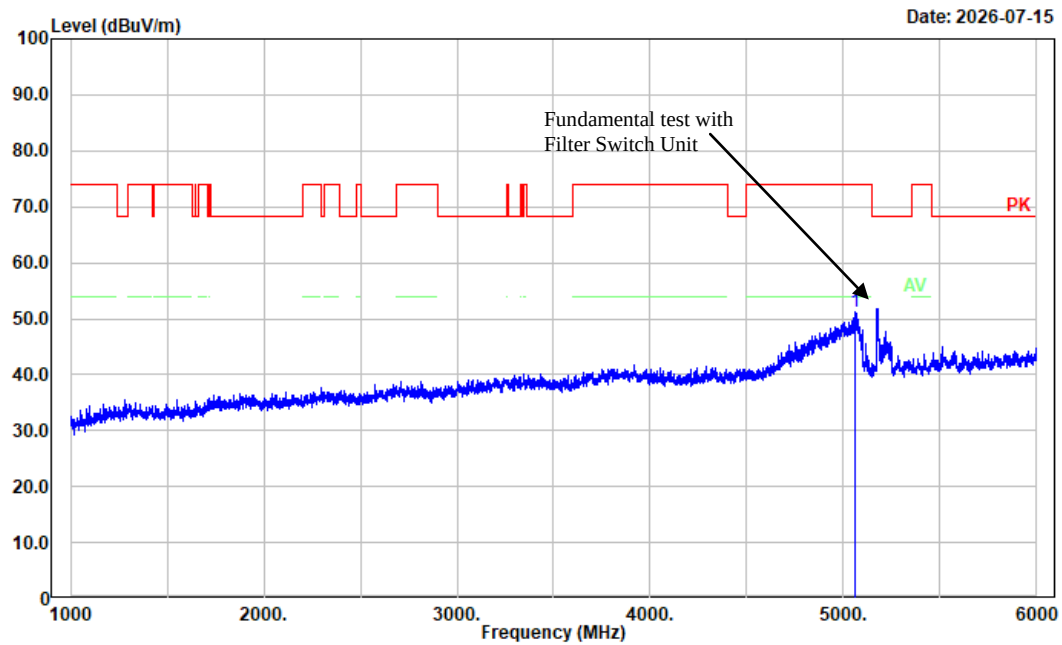
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10460.000	37.60	13.35	50.95	68.20	17.25	Peak
2	15690.000	41.17	13.33	54.50	74.00	19.50	Peak
3	15690.000	28.38	13.33	41.71	54.00	12.29	Average
4	17779.200	40.82	21.28	62.10	74.00	11.90	Peak
5	17779.200	26.61	21.28	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac40 High Channel 5230MHz Band 1



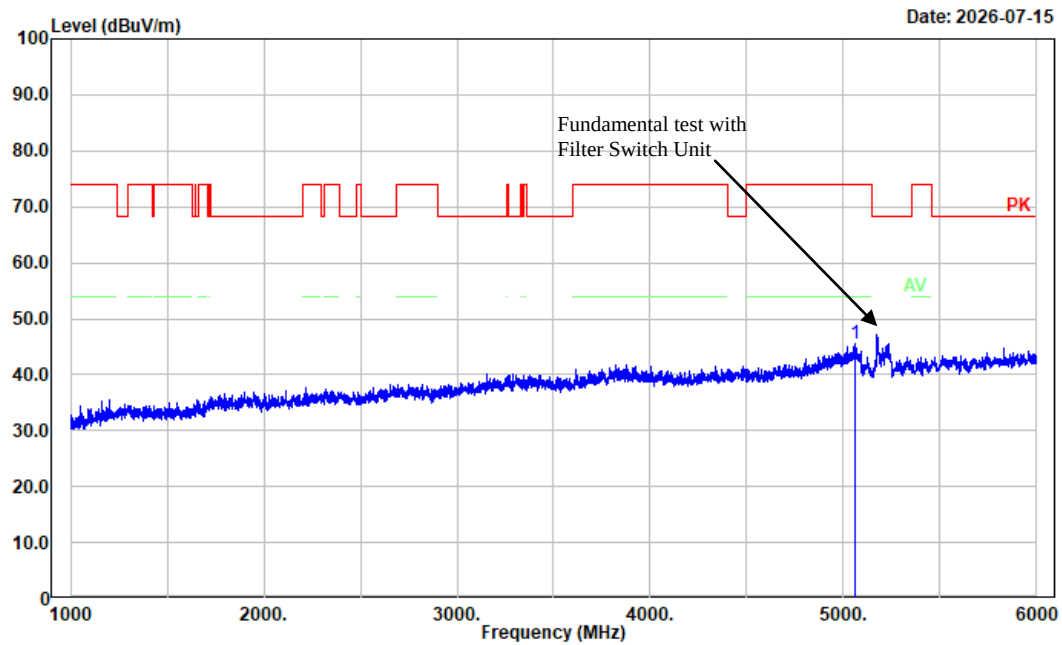
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10460.000	39.26	13.35	52.61	68.20	15.59	Peak
2	15690.000	41.70	13.33	55.03	74.00	18.97	Peak
3	15690.000	28.37	13.33	41.70	54.00	12.30	Average
4	17805.600	40.39	21.36	61.75	74.00	12.25	Peak
5	17805.600	26.50	21.36	47.86	54.00	6.14	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac80 Middle Channel 5210MHz Band 1



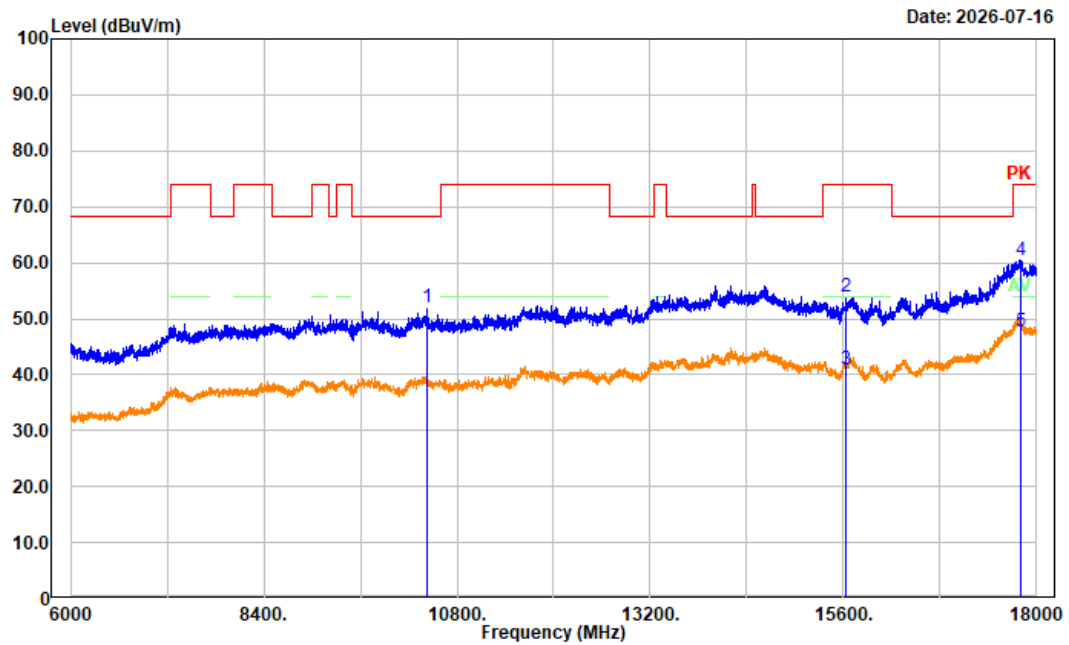
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5061.000	45.74	5.41	51.15	74.00	22.85	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac80 Middle Channel 5210MHz Band 1



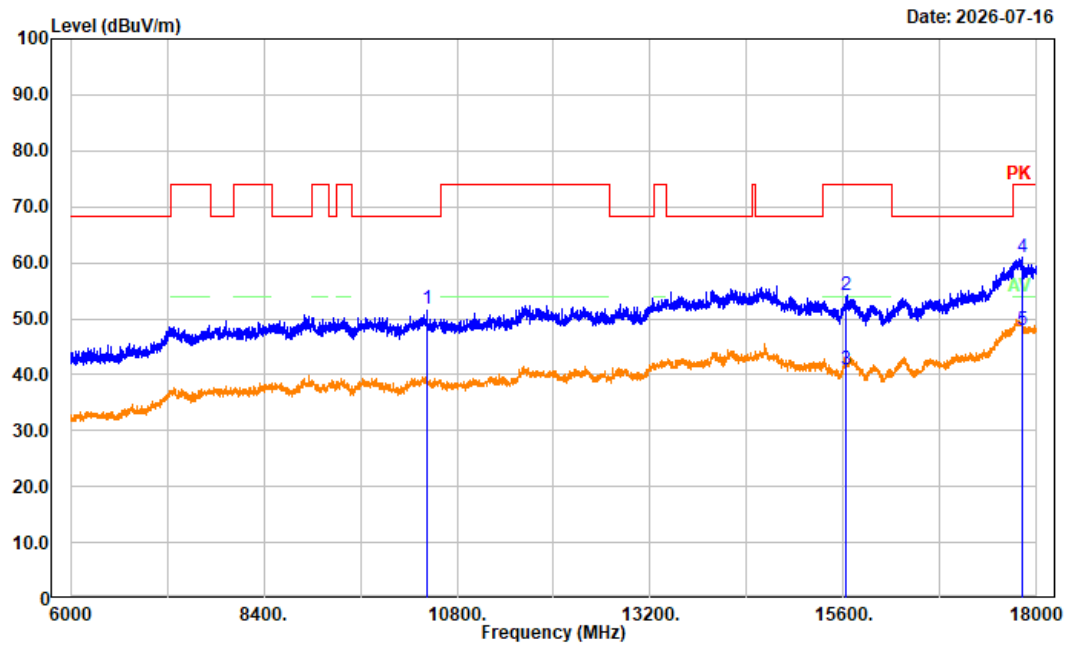
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5058.000	40.27	5.39	45.66	74.00	28.34	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac80 Middle Channel 5210MHz Band 1



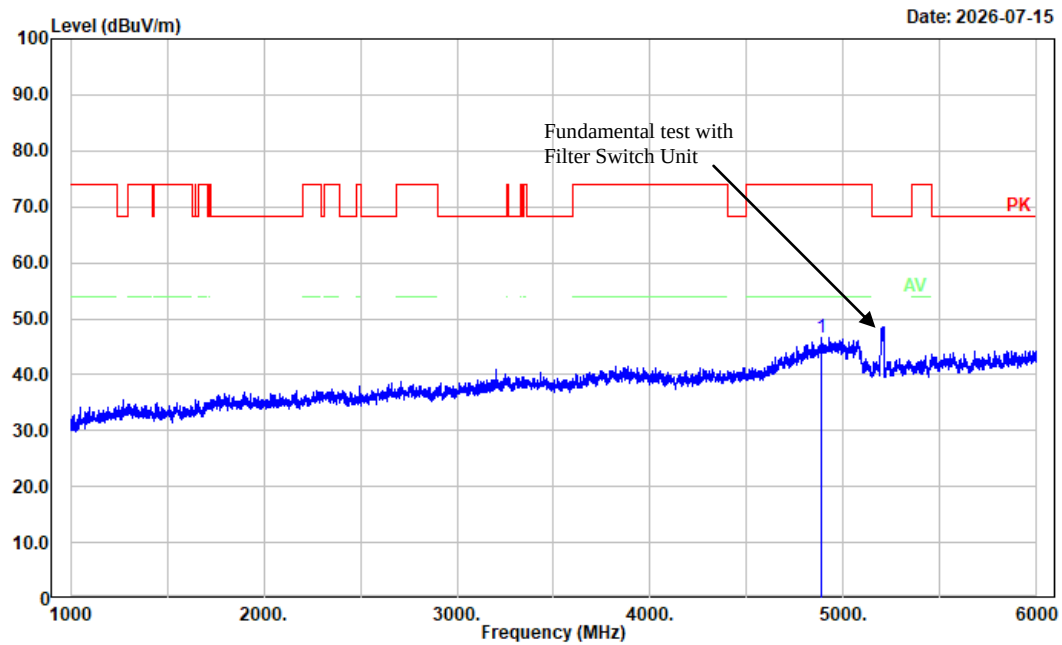
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10420.000	38.76	13.30	52.06	68.20	16.14	Peak
2	15630.000	40.69	13.36	54.05	74.00	19.95	Peak
3	15630.000	27.60	13.36	40.96	54.00	13.04	Average
4	17798.400	39.18	21.35	60.53	74.00	13.47	Peak
5	17798.400	26.47	21.35	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac80 Middle Channel 5210MHz Band 1



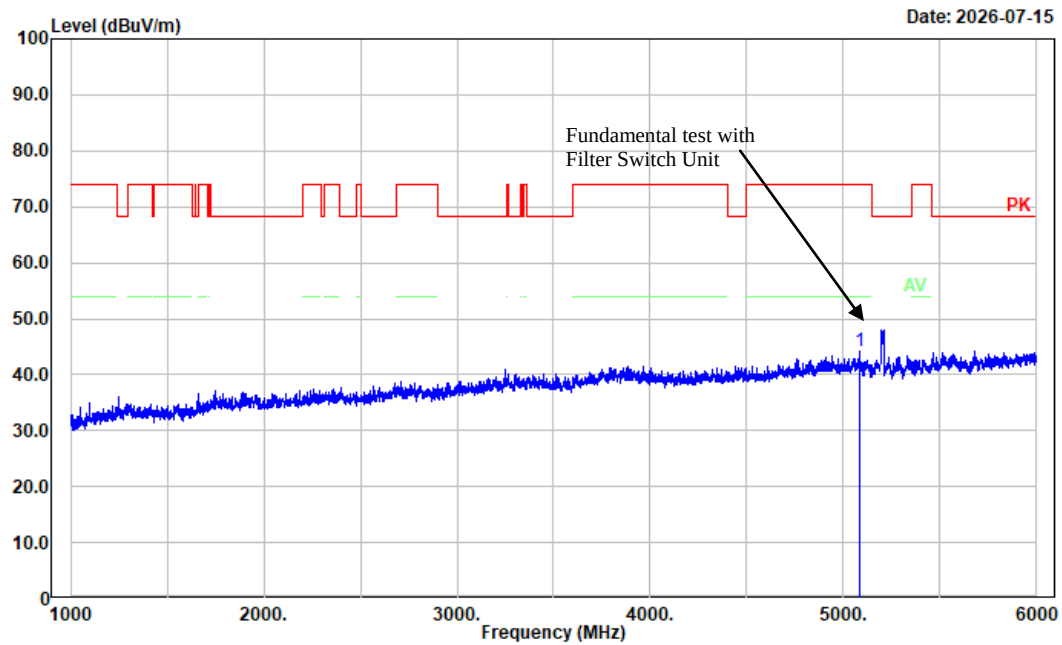
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10420.000	38.40	13.30	51.70	68.20	16.50	Peak
2	15630.000	40.97	13.36	54.33	74.00	19.67	Peak
3	15630.000	27.59	13.36	40.95	54.00	13.05	Average
4	17829.600	39.67	21.41	61.08	74.00	12.92	Peak
5	17829.600	26.44	21.41	47.85	54.00	6.15	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax20 Middle Channel 5200MHz Band 1



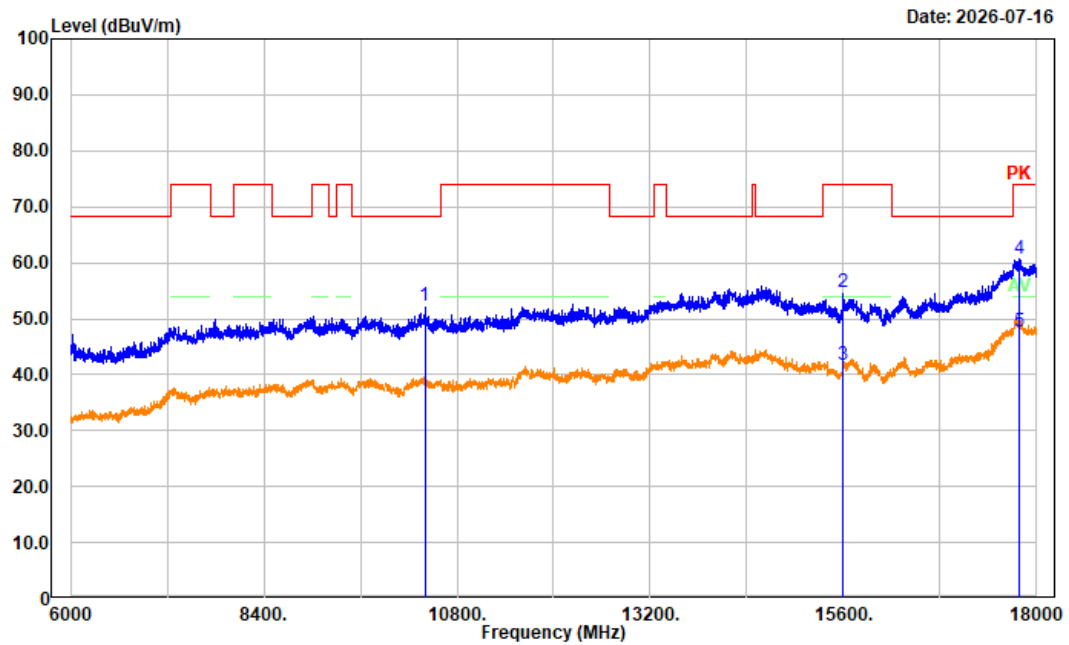
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4889.000	41.83	4.92	46.75	74.00	27.25	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax20 Middle Channel 5200MHz Band 1



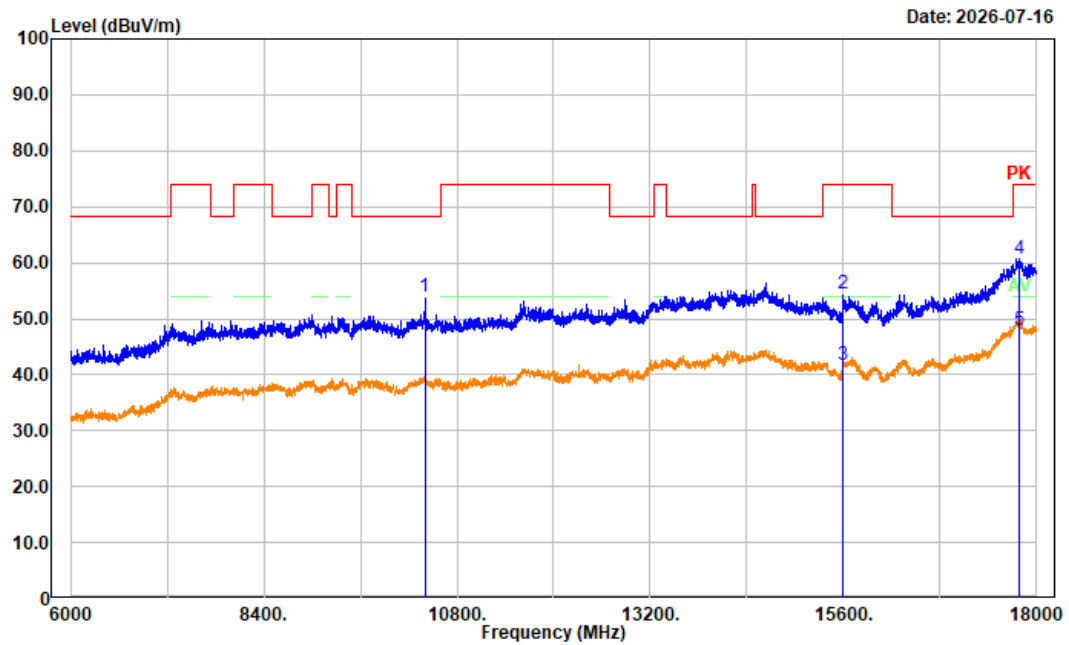
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5083.000	38.68	5.53	44.21	74.00	29.79	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax20 Middle Channel 5200MHz Band 1



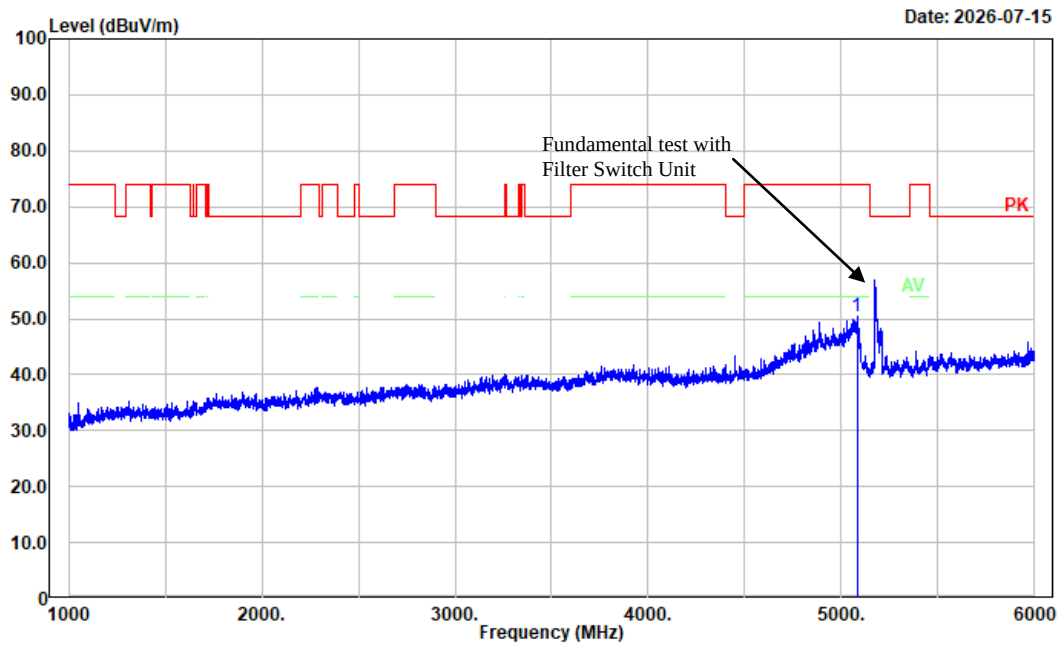
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10400.000	38.90	13.28	52.18	68.20	16.02	Peak
2	15600.000	41.24	13.38	54.62	74.00	19.38	Peak
3	15600.000	28.25	13.38	41.63	54.00	12.37	Average
4	17776.800	39.45	21.27	60.72	74.00	13.28	Peak
5	17776.800	26.47	21.27	47.74	54.00	6.26	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax20 Middle Channel 5200MHz Band 1



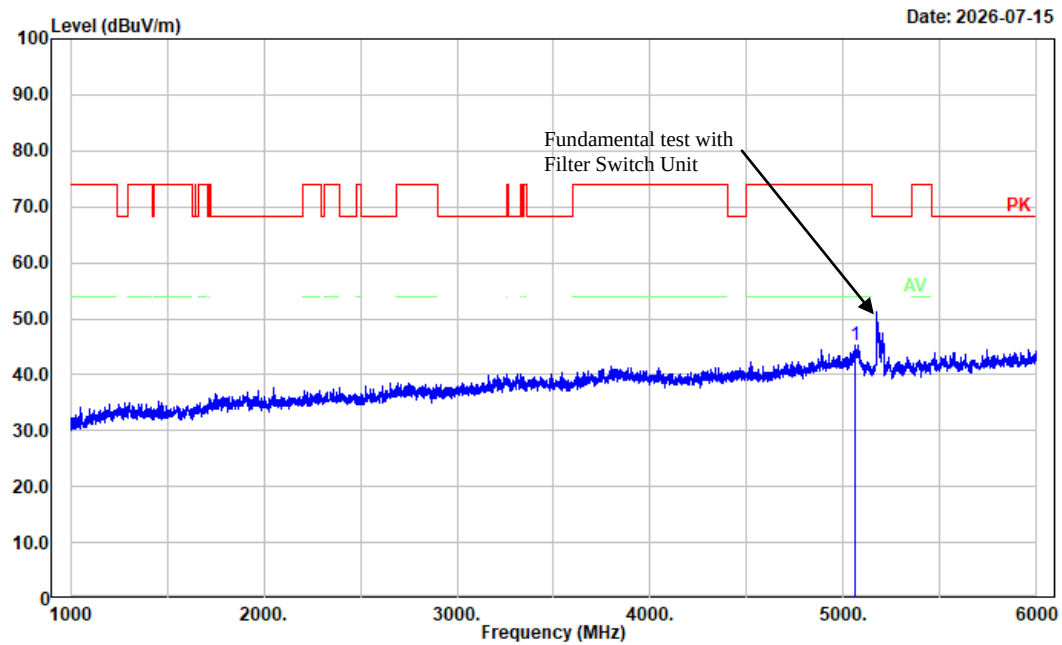
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10400.000	40.53	13.28	53.81	68.20	14.39	Peak
2	15600.000	41.06	13.38	54.44	74.00	19.56	Peak
3	15600.000	28.26	13.38	41.64	54.00	12.36	Average
4	17791.200	39.39	21.32	60.71	74.00	13.29	Peak
5	17791.200	26.57	21.32	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax40 High Channel 5230MHz Band 1



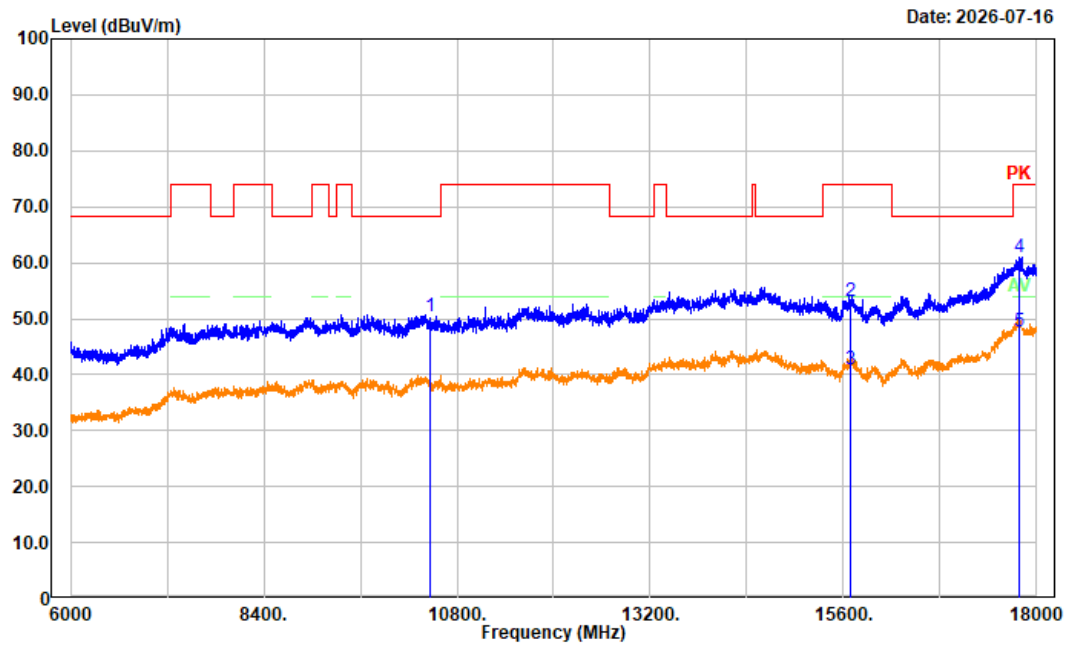
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5080.000	44.86	5.51	50.37	74.00	23.63	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax40 High Channel 5230MHz Band 1



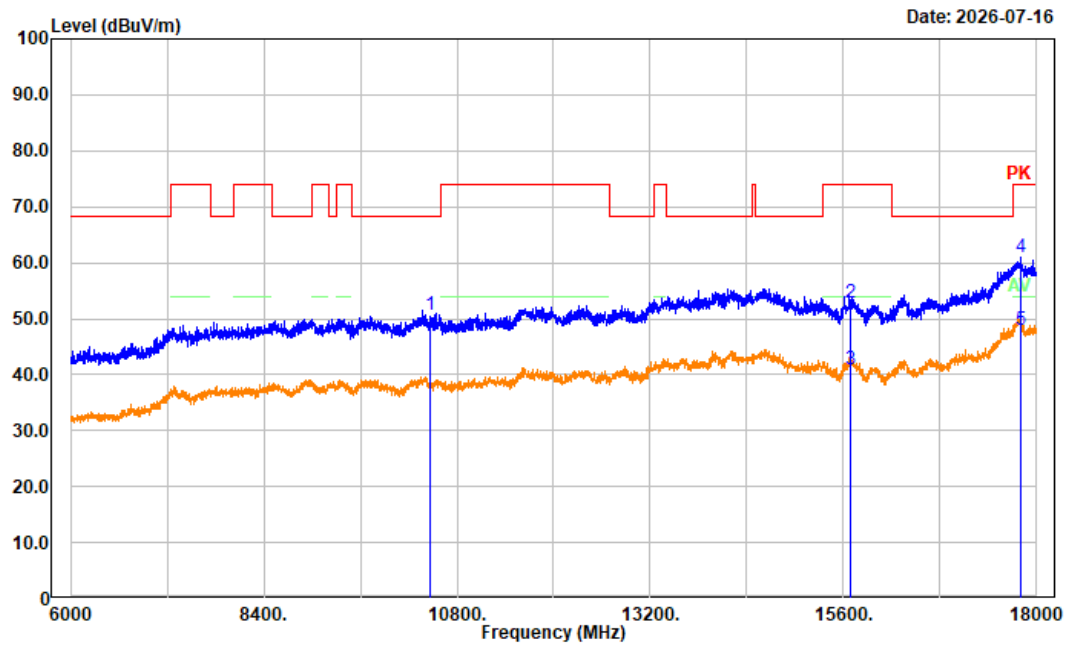
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5060.000	39.90	5.41	45.31	74.00	28.69	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax40 High Channel 5230MHz Band 1



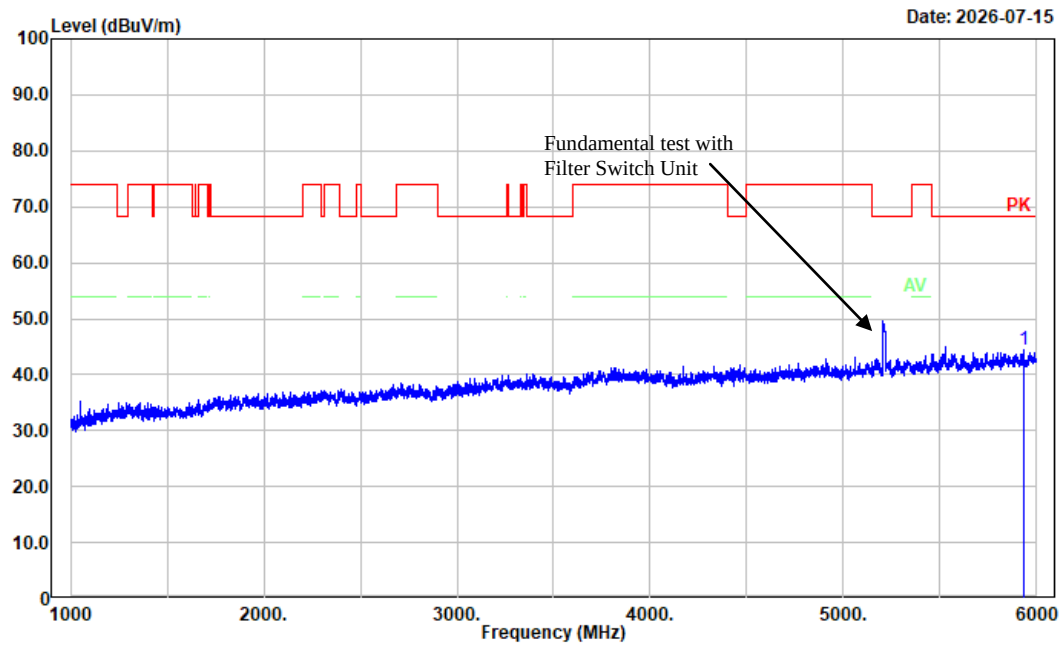
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10460.000	37.09	13.35	50.44	68.20	17.76	Peak
2	15690.000	39.80	13.33	53.13	74.00	20.87	Peak
3	15690.000	27.56	13.33	40.89	54.00	13.11	Average
4	17791.200	39.67	21.32	60.99	74.00	13.01	Peak
5	17791.200	26.50	21.32	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax40 High Channel 5230MHz Band 1



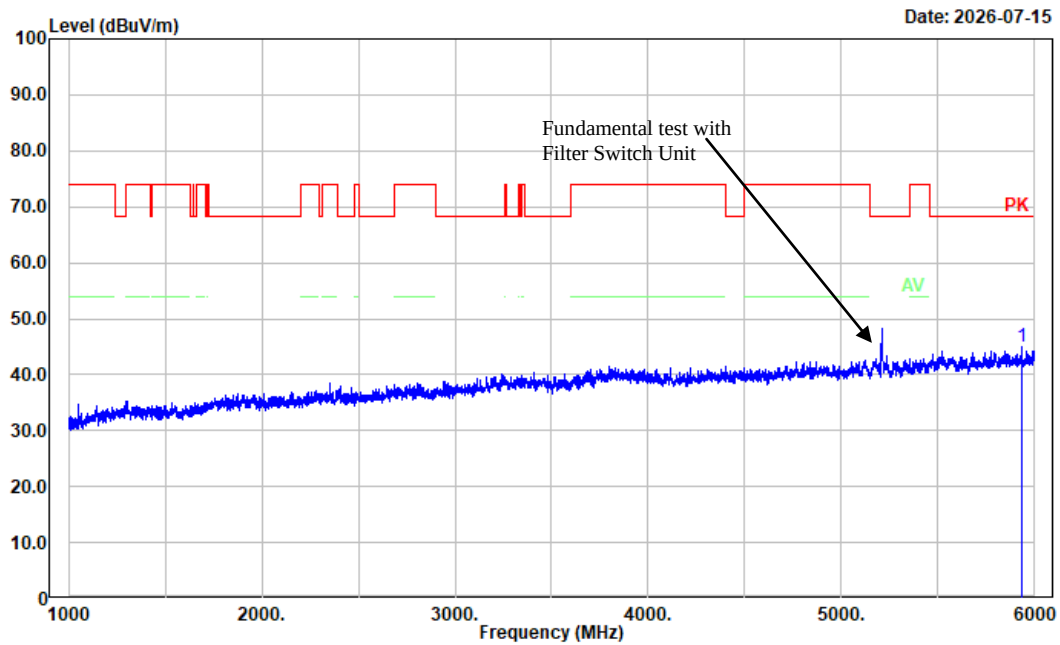
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10460.000	37.33	13.35	50.68	68.20	17.52	Peak
2	15690.000	39.55	13.33	52.88	74.00	21.12	Peak
3	15690.000	27.62	13.33	40.95	54.00	13.05	Average
4	17800.800	39.73	21.35	61.08	74.00	12.92	Peak
5	17800.800	26.58	21.35	47.93	54.00	6.07	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



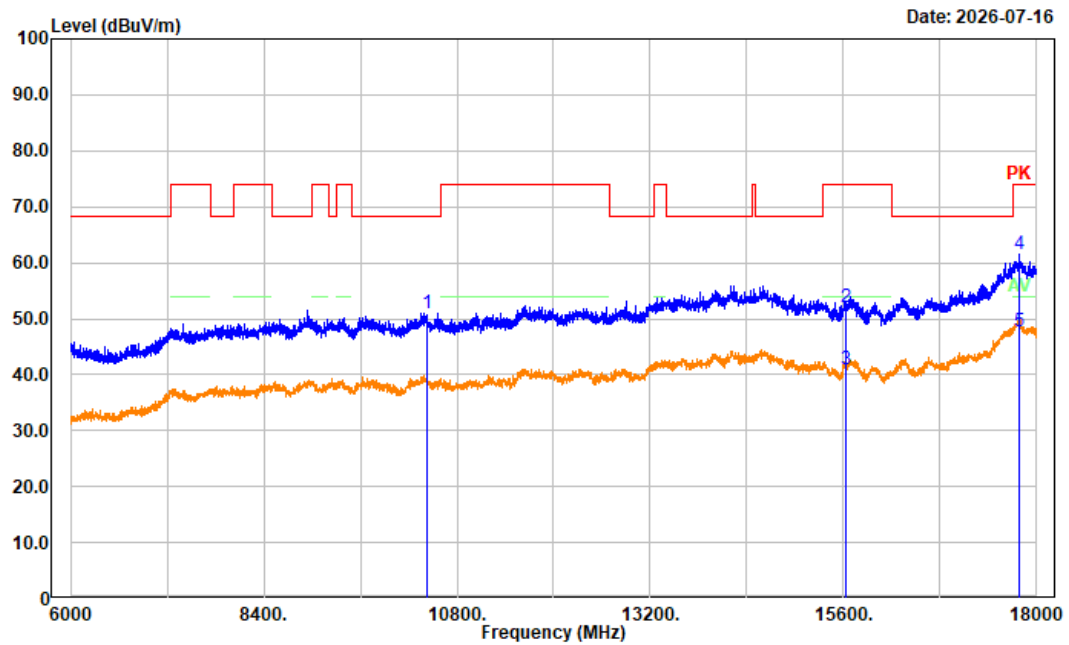
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5932.000	37.35	7.20	44.55	68.20	23.65	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



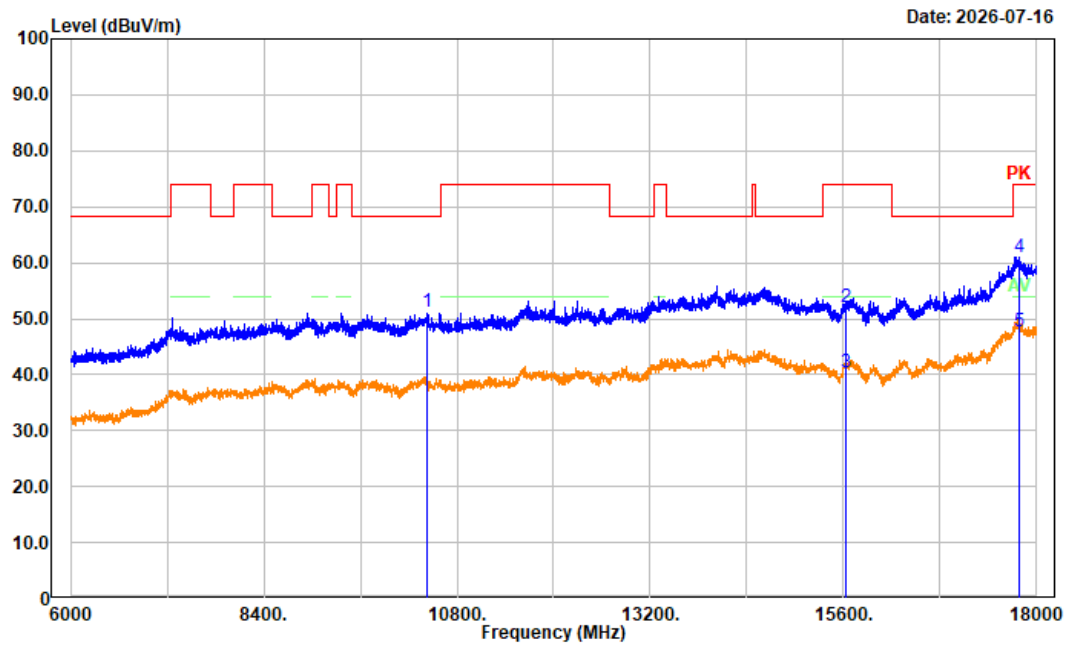
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5934.000	37.70	7.21	44.91	68.20	23.29	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



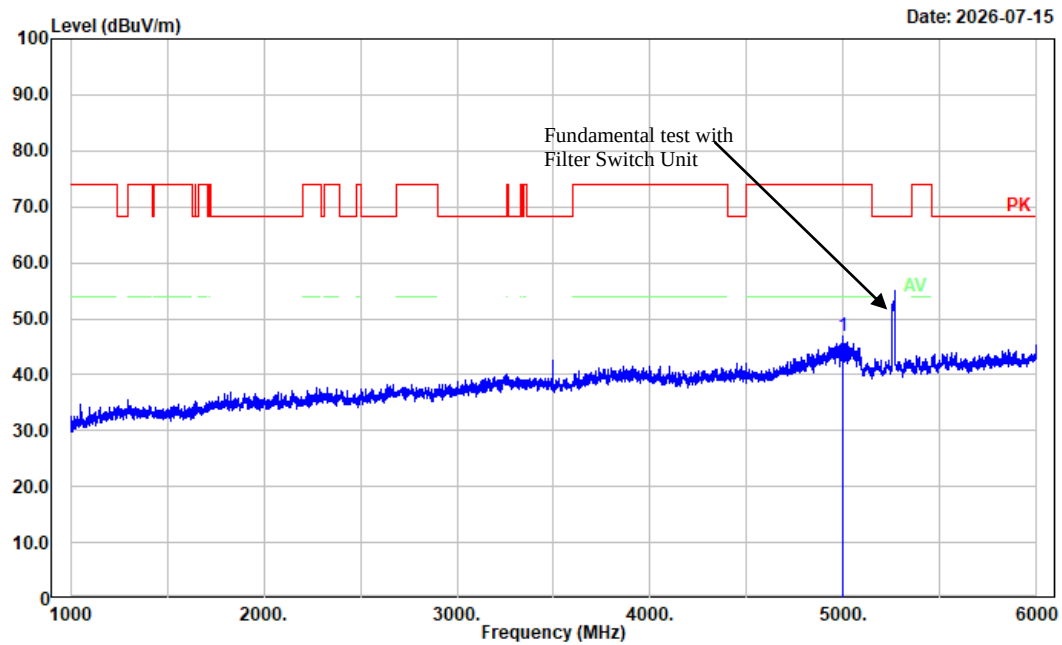
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10420.000	37.72	13.30	51.02	68.20	17.18	Peak
2	15630.000	38.73	13.36	52.09	74.00	21.91	Peak
3	15630.000	27.65	13.36	41.01	54.00	12.99	Average
4	17786.400	40.23	21.30	61.53	74.00	12.47	Peak
5	17786.400	26.38	21.30	47.68	54.00	6.32	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



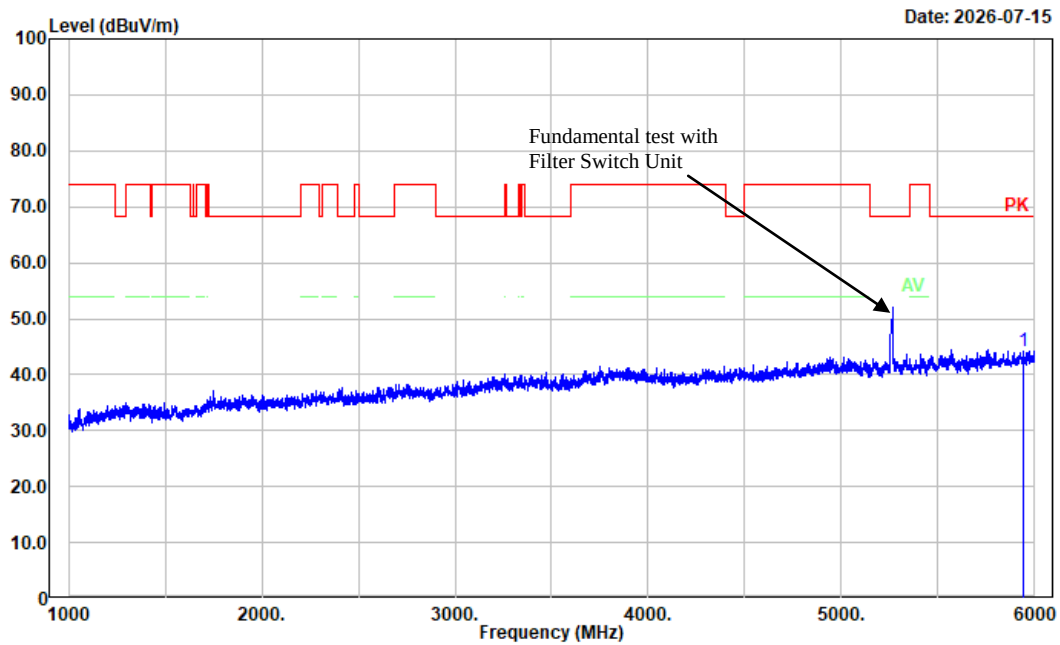
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10420.000	38.03	13.30	51.33	68.20	16.87	Peak
2	15630.000	38.77	13.36	52.13	74.00	21.87	Peak
3	15630.000	26.96	13.36	40.32	54.00	13.68	Average
4	17779.200	39.67	21.28	60.95	74.00	13.05	Peak
5	17779.200	26.40	21.28	47.68	54.00	6.32	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi a Low Channel 5260MHz Chain 0 Band 2



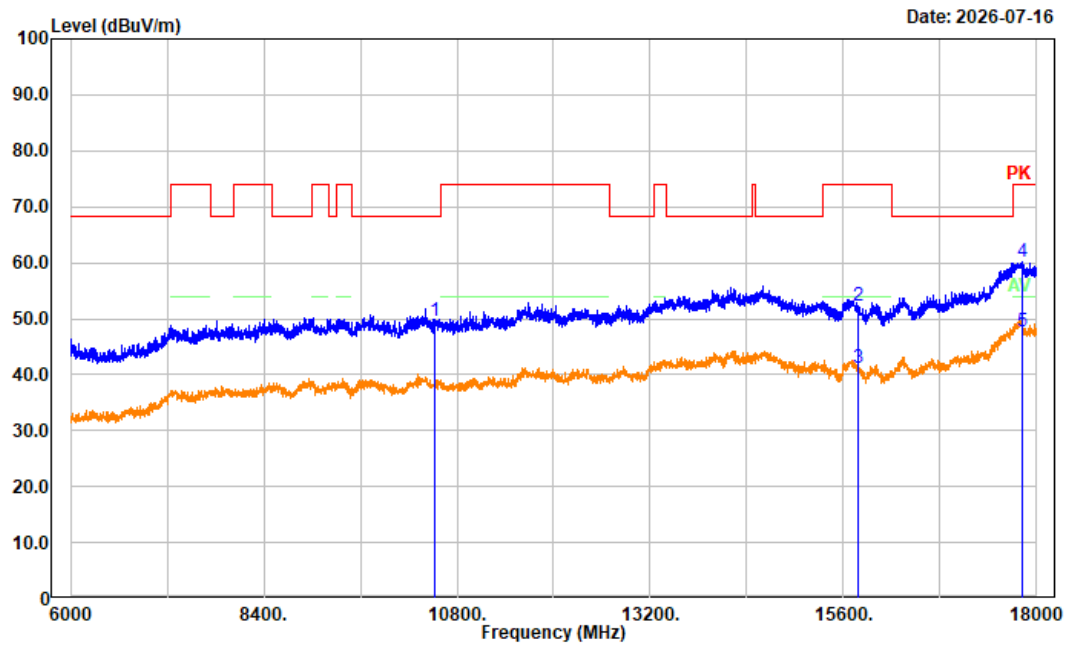
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5000.000	41.84	5.02	46.86	74.00	27.14	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5260MHz Chain 0 Band 2



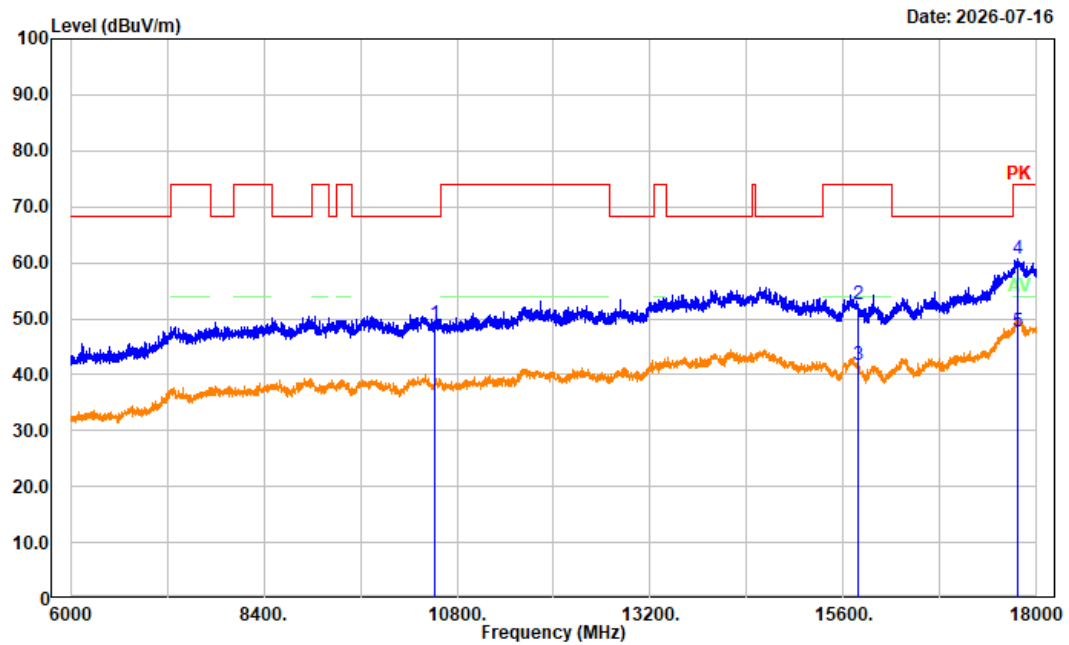
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5944.000	36.98	7.23	44.21	68.20	23.99	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi a Low Channel 5260MHz Chain 0 Band 2



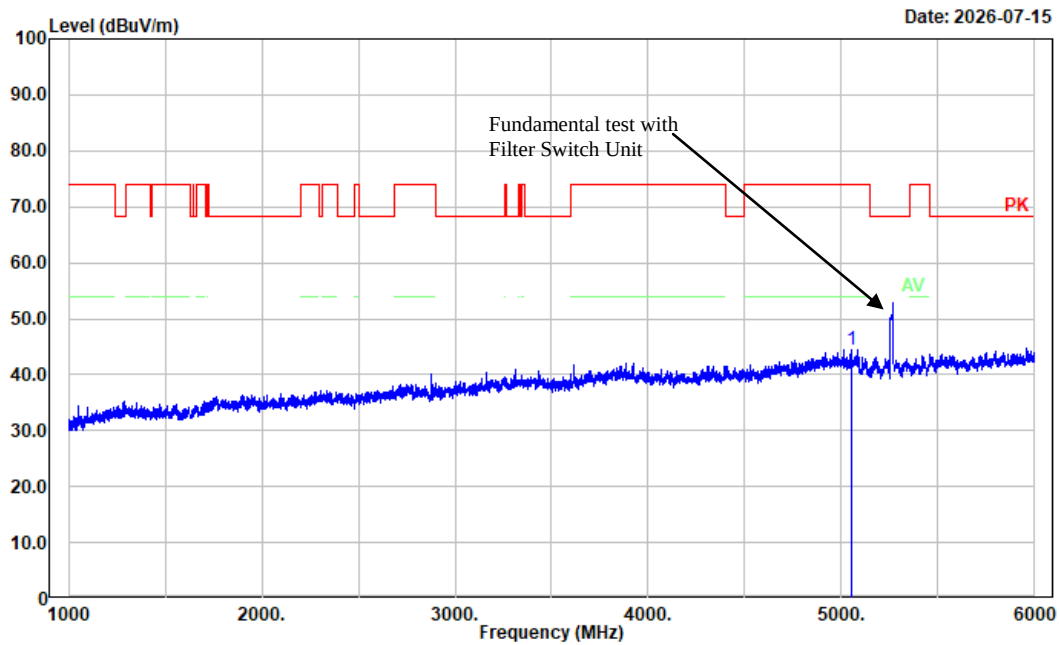
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10520.000	36.26	13.39	49.65	68.20	18.55	Peak
2	15780.000	38.93	13.26	52.19	74.00	21.81	Peak
3	15780.000	28.04	13.26	41.30	54.00	12.70	Average
4	17817.600	38.89	21.39	60.28	74.00	13.72	Peak
5	17817.600	26.43	21.39	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5260MHz Chain 0 Band 2



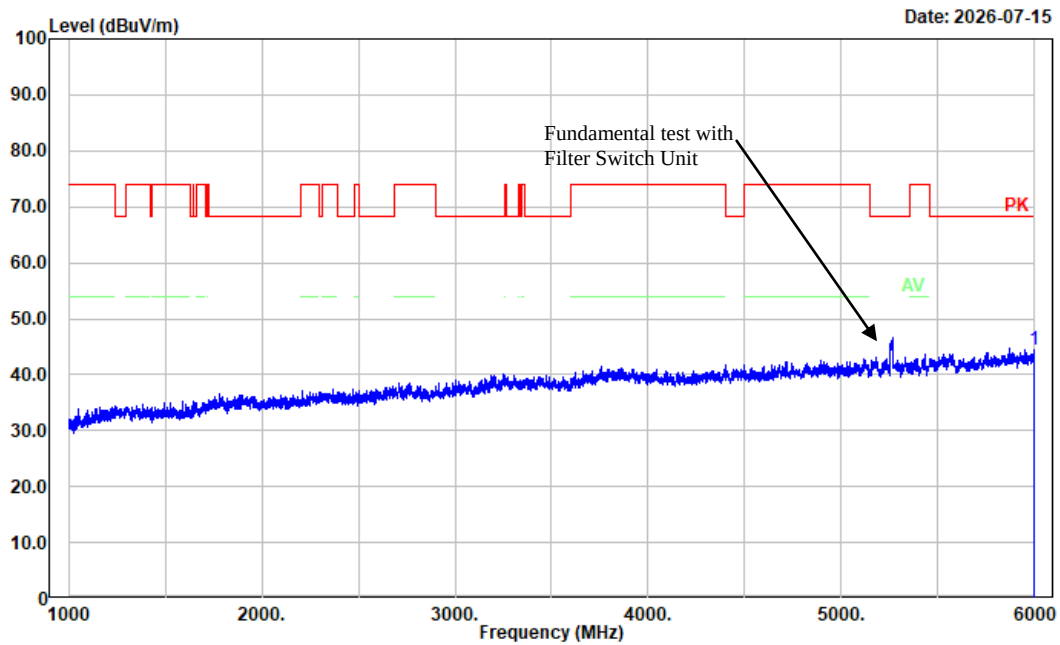
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10520.000	35.76	13.39	49.15	68.20	19.05	Peak
2	15780.000	39.34	13.26	52.60	74.00	21.40	Peak
3	15780.000	28.38	13.26	41.64	54.00	12.36	Average
4	17772.000	39.42	21.26	60.68	74.00	13.32	Peak
5	17772.000	26.53	21.26	47.79	54.00	6.21	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi a Middle Channel 5280MHz Chain 1 Band 2



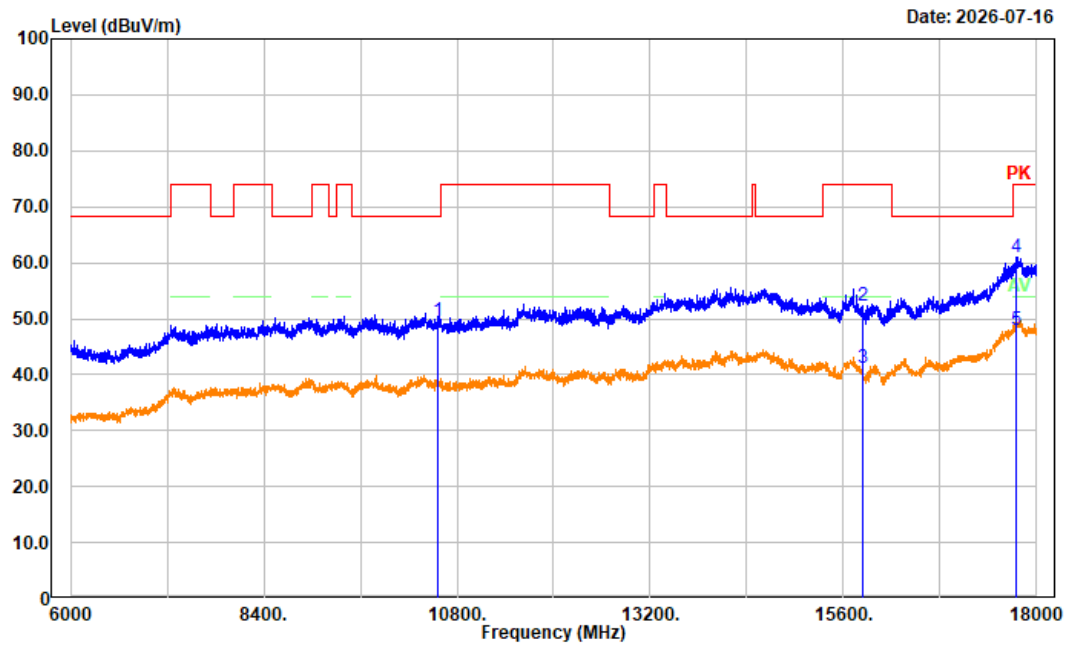
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5050.000	39.04	5.35	44.39	74.00	29.61	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi a Middle Channel 5280MHz Chain 1 Band 2



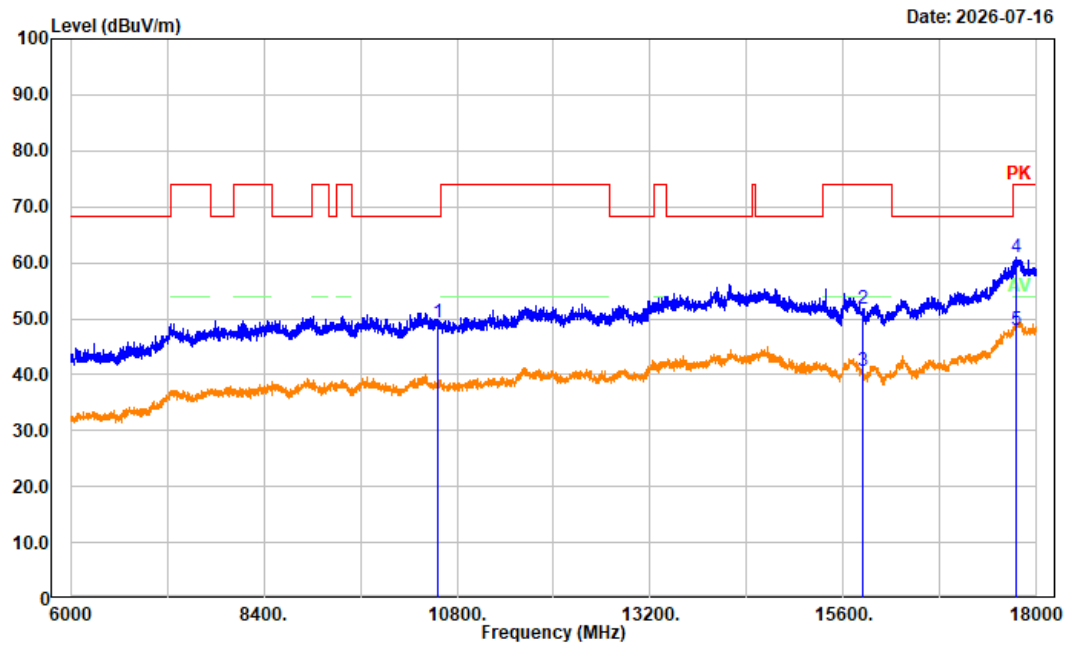
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5994.000	36.90	7.67	44.57	68.20	23.63	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi a Middle Channel 5280MHz Chain 1 Band 2



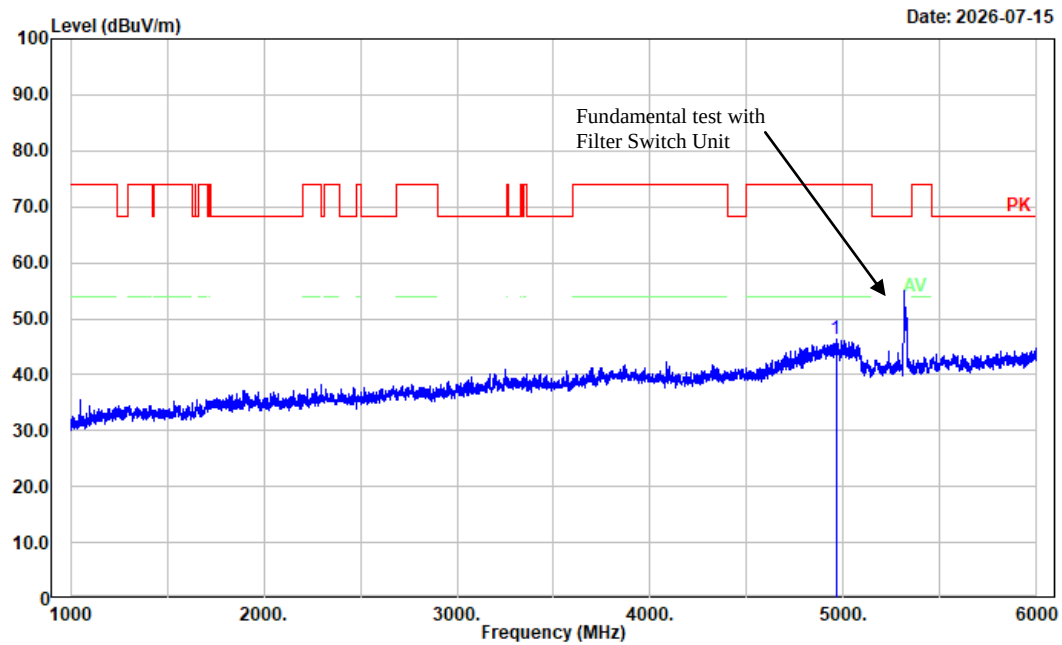
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10560.000	36.08	13.38	49.46	68.20	18.74	Peak
2	15840.000	39.07	13.33	52.40	74.00	21.60	Peak
3	15840.000	27.78	13.33	41.11	54.00	12.89	Average
4	17752.800	39.89	21.19	61.08	74.00	12.92	Peak
5	17752.800	26.72	21.19	47.91	54.00	6.09	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a Middle Channel 5280MHz Chain 1 Band 2



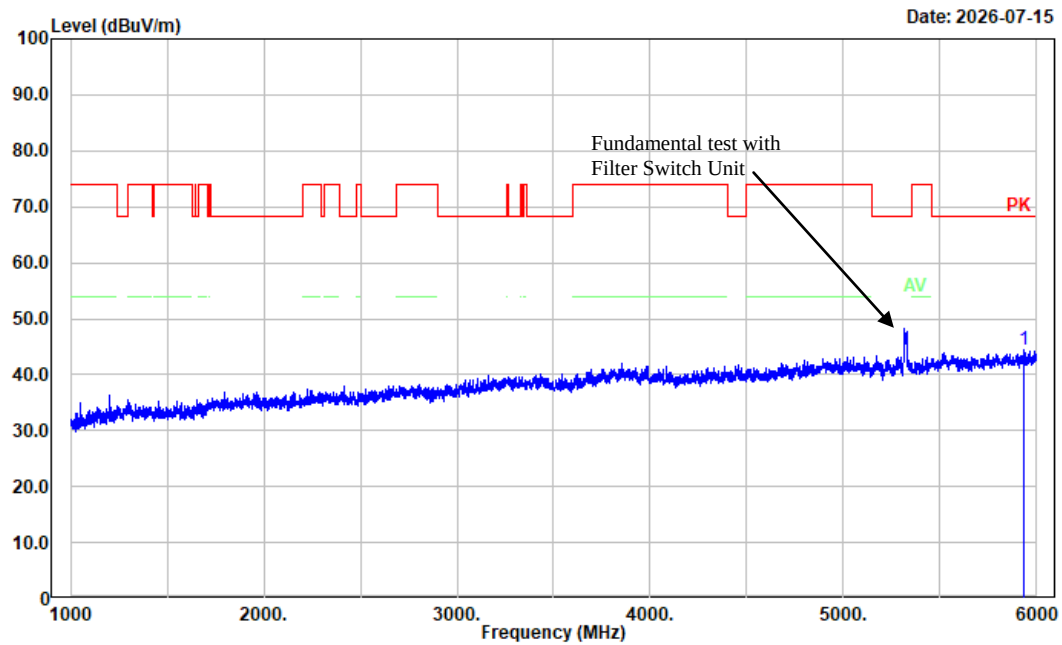
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10560.000	35.95	13.38	49.33	68.20	18.87	Peak
2	15840.000	38.30	13.33	51.63	74.00	22.37	Peak
3	15840.000	27.37	13.33	40.70	54.00	13.30	Average
4	17750.400	39.67	21.18	60.85	74.00	13.15	Peak
5	17750.400	26.66	21.18	47.84	54.00	6.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac20 High Channel 5320MHz Band 2



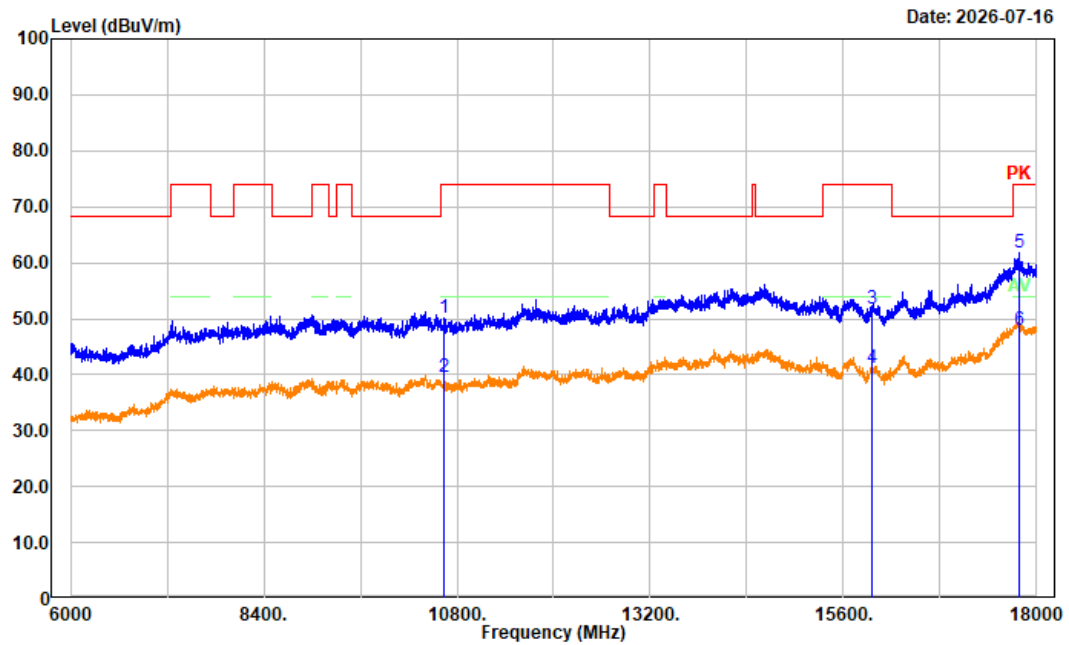
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4961.000	41.37	4.87	46.24	74.00	27.76	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac20 High Channel 5320MHz Band 2



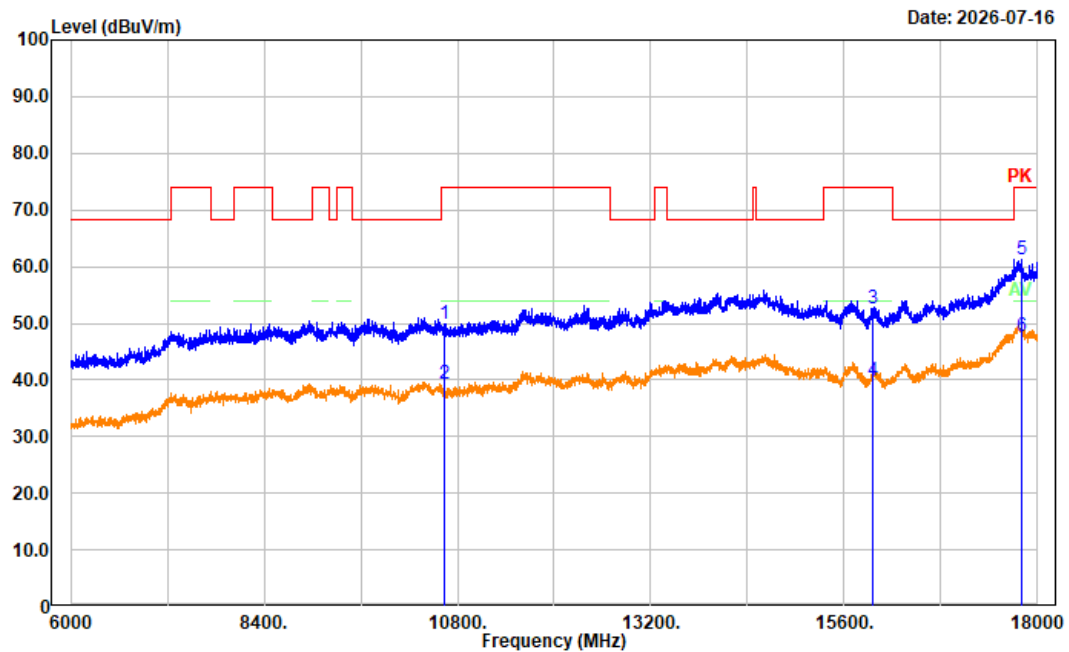
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5935.000	37.34	7.20	44.54	68.20	23.66	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac20 High Channel 5320MHz Band 2



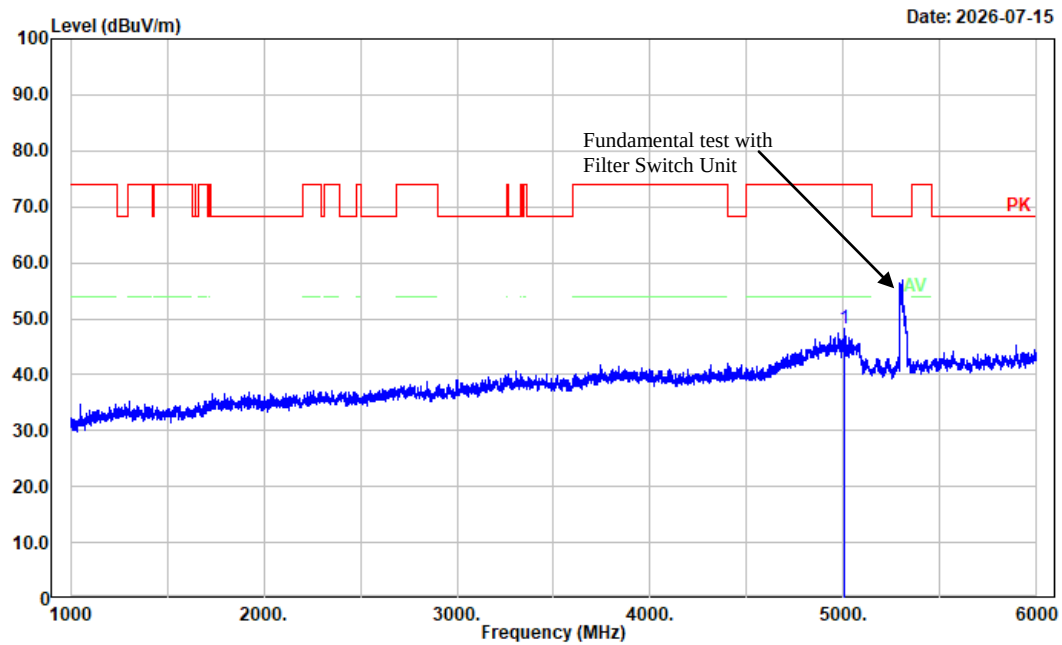
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10640.000	36.70	13.35	50.05	74.00	23.95	Peak
2	10640.000	26.11	13.35	39.46	54.00	14.54	Average
3	15960.000	38.45	13.44	51.89	74.00	22.11	Peak
4	15960.000	27.65	13.44	41.09	54.00	12.91	Average
5	17776.800	40.62	21.27	61.89	74.00	12.11	Peak
6	17776.800	26.63	21.27	47.90	54.00	6.10	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac20 High Channel 5320MHz Band 2



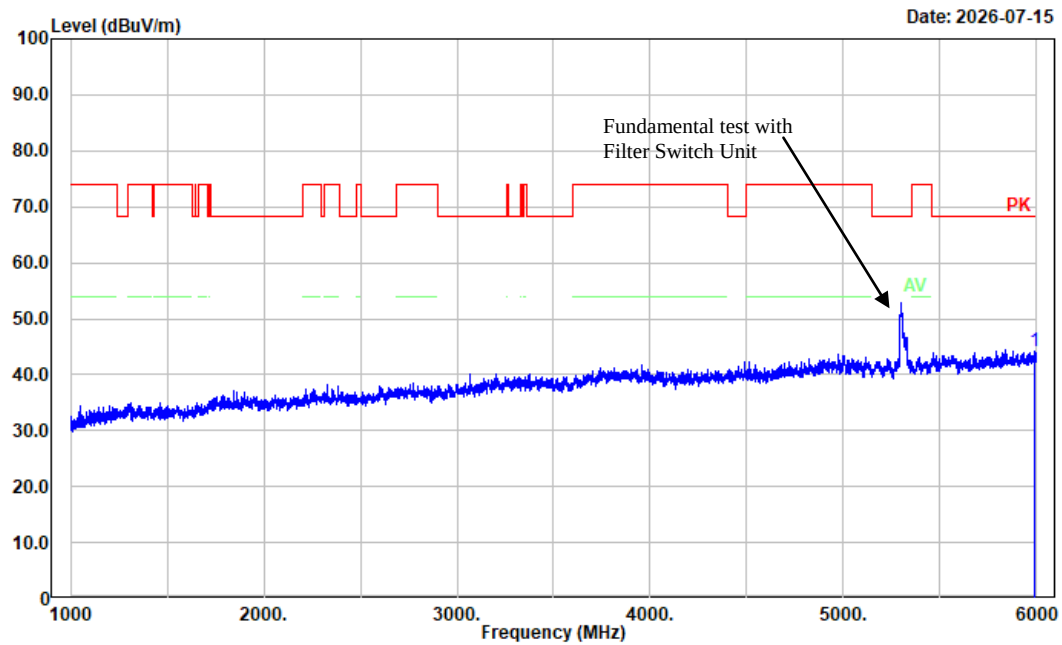
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10640.000	36.53	13.35	49.88	74.00	24.12	Peak
2	10640.000	25.82	13.35	39.17	54.00	14.83	Average
3	15960.000	39.14	13.44	52.58	74.00	21.42	Peak
4	15960.000	26.45	13.44	39.89	54.00	14.11	Average
5	17808.000	39.85	21.37	61.22	74.00	12.78	Peak
6	17808.000	26.45	21.37	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac40 High Channel 5310MHz Band 2



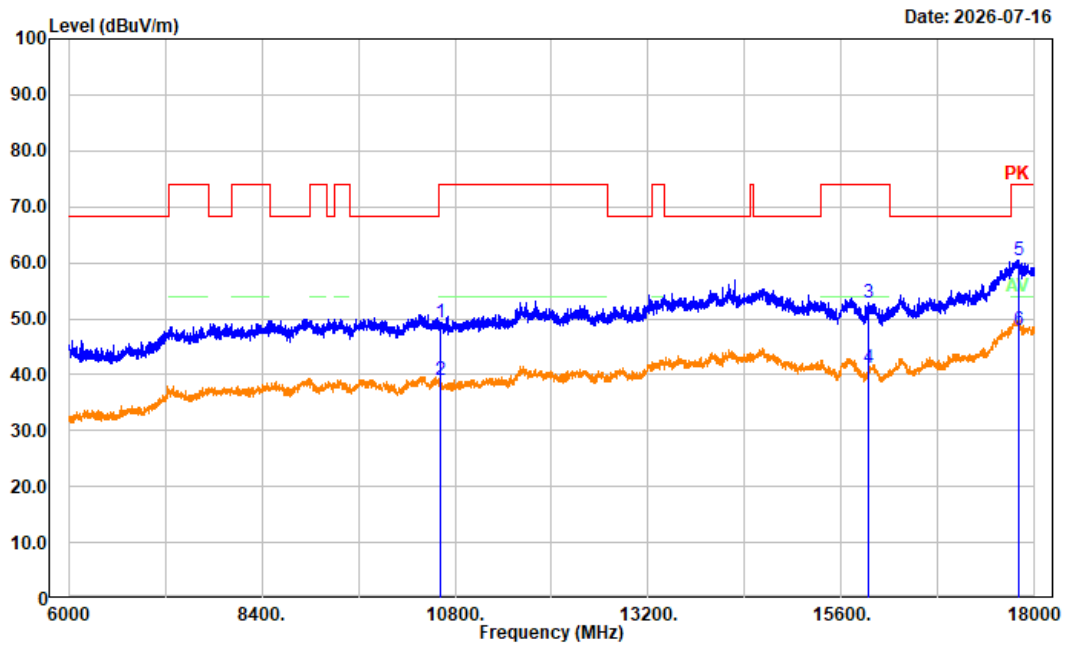
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5008.000	43.06	5.08	48.14	74.00	25.86	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac40 High Channel 5310MHz Band 2



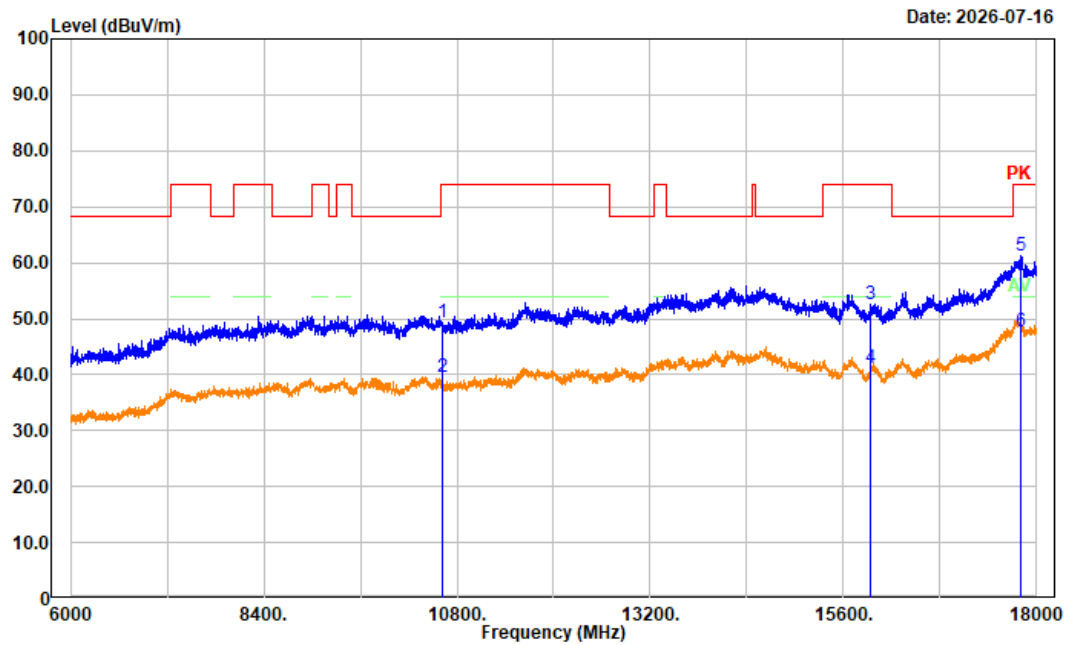
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5986.000	36.59	7.59	44.18	68.20	24.02	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac40 High Channel 5310MHz Band 2



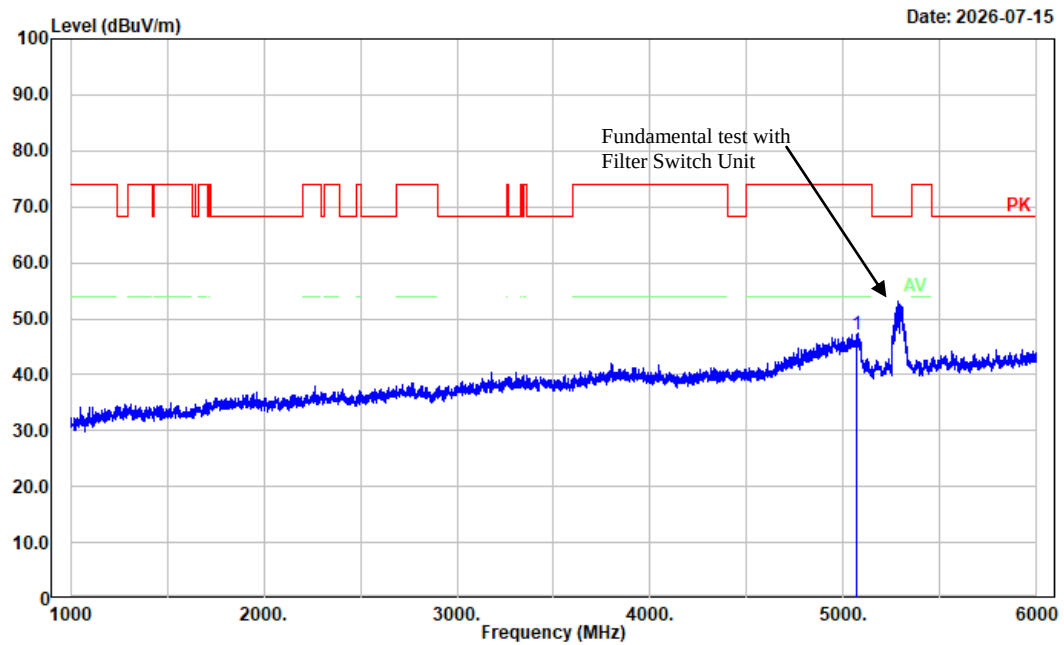
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10620.000	35.91	13.35	49.26	74.00	24.74	Peak
2	10620.000	25.62	13.35	38.97	54.00	15.03	Average
3	15930.000	39.48	13.45	52.93	74.00	21.07	Peak
4	15930.000	27.84	13.45	41.29	54.00	12.71	Average
5	17793.600	39.10	21.33	60.43	74.00	13.57	Peak
6	17793.600	26.52	21.33	47.85	54.00	6.15	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac40 High Channel 5310MHz Band 2



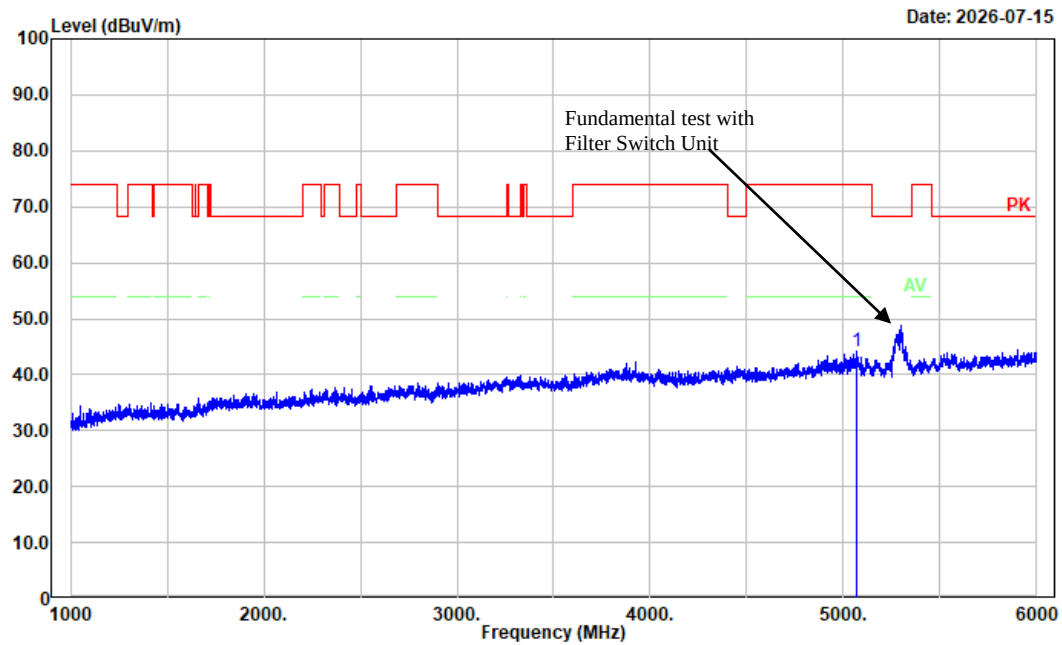
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10620.000	35.90	13.35	49.25	74.00	24.75	Peak
2	10620.000	26.29	13.35	39.64	54.00	14.36	Average
3	15930.000	39.06	13.45	52.51	74.00	21.49	Peak
4	15930.000	27.63	13.45	41.08	54.00	12.92	Average
5	17803.200	39.83	21.36	61.19	74.00	12.81	Peak
6	17803.200	26.46	21.36	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac80 Middle Channel 5290MHz Band 2



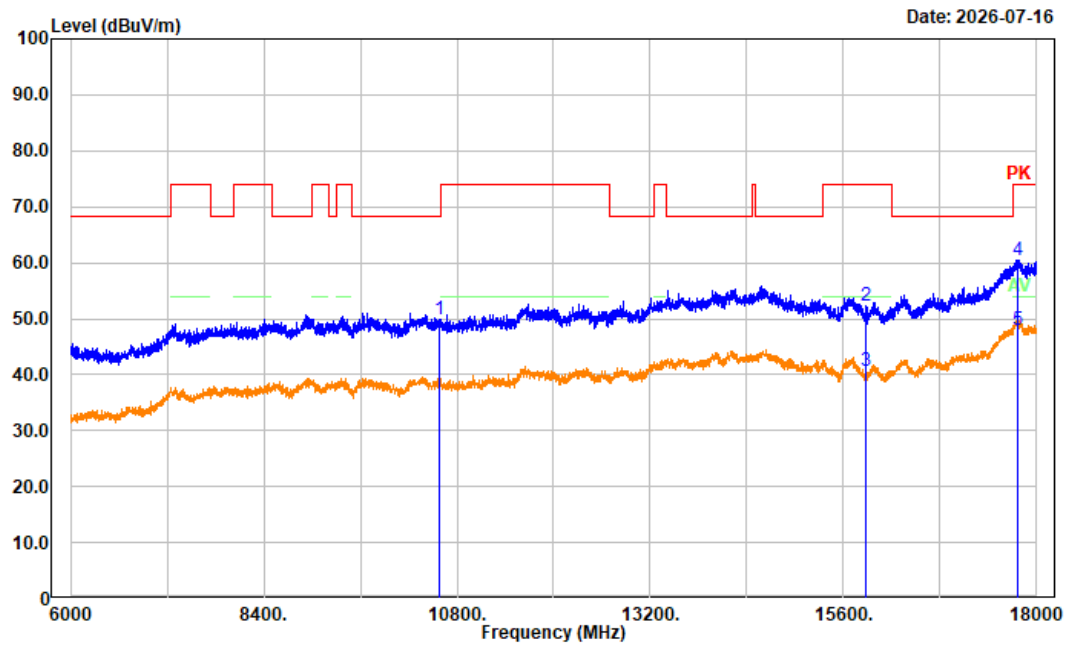
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	5070.000	41.76	5.46	47.22	74.00	26.78	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac80 Middle Channel 5290MHz Band 2



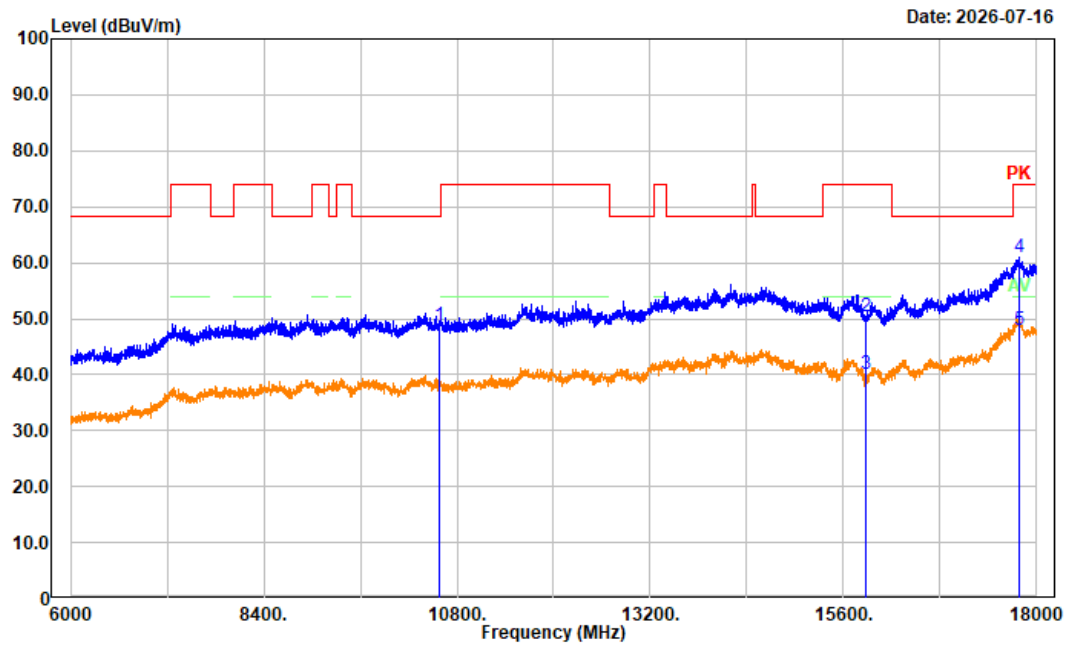
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5068.000	38.83	5.44	44.27	74.00	29.73	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac80 Middle Channel 5290MHz Band 2



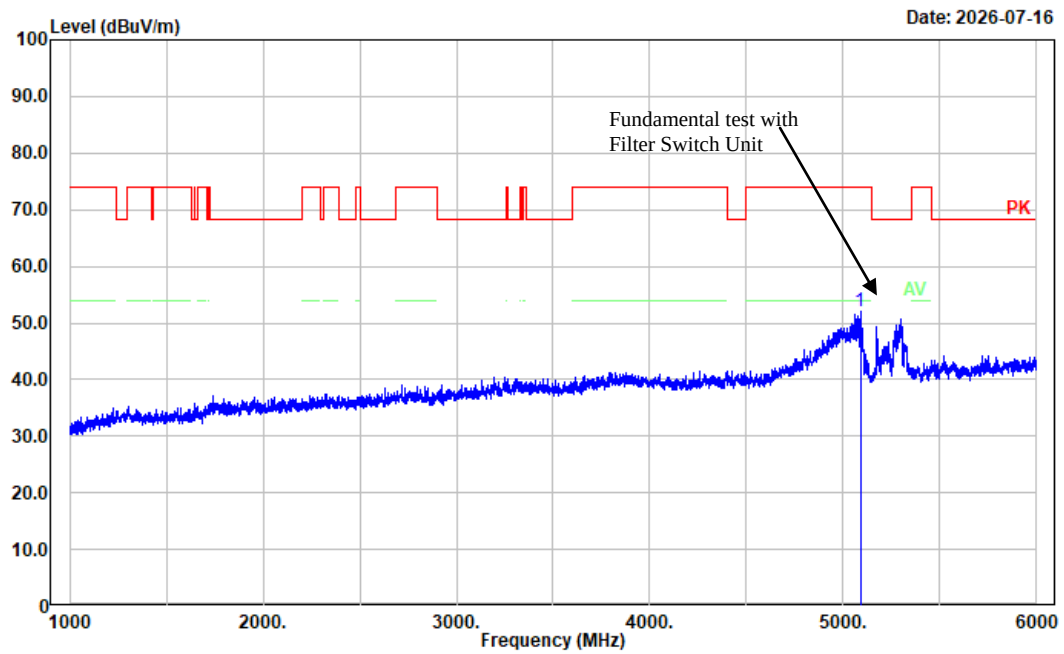
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10580.000	36.56	13.37	49.93	68.20	18.27	Peak
2	15870.000	38.83	13.41	52.24	74.00	21.76	Peak
3	15870.000	27.18	13.41	40.59	54.00	13.41	Average
4	17772.000	39.30	21.26	60.56	74.00	13.44	Peak
5	17772.000	26.58	21.26	47.84	54.00	6.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac80 Middle Channel 5290MHz Band 2



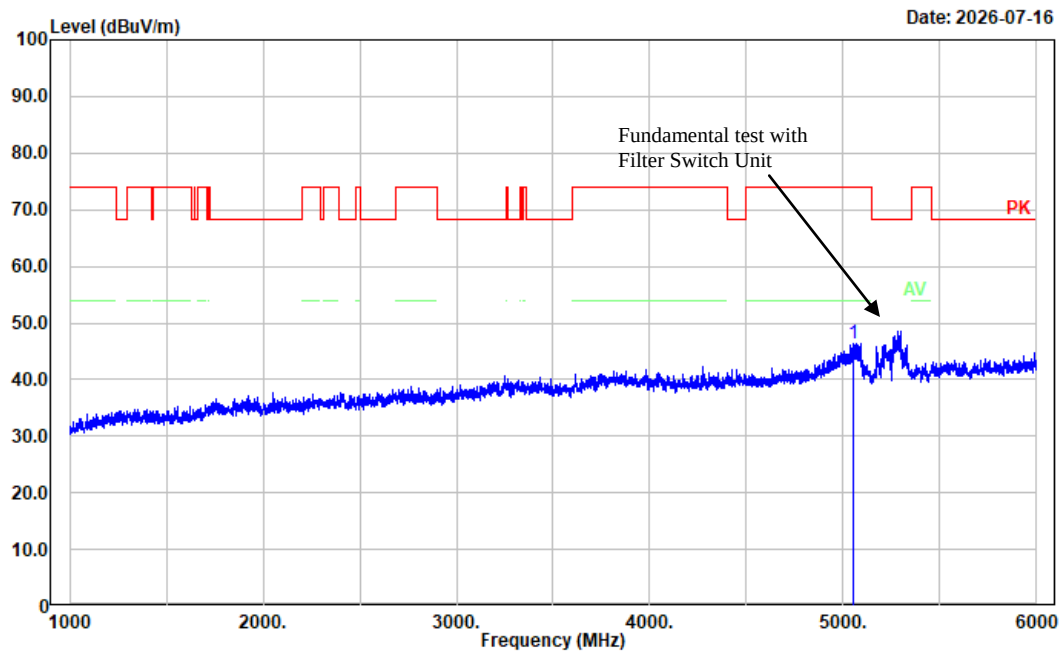
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10580.000	35.30	13.37	48.67	68.20	19.53	Peak
2	15870.000	36.90	13.41	50.31	74.00	23.69	Peak
3	15870.000	26.78	13.41	40.19	54.00	13.81	Average
4	17786.400	39.57	21.30	60.87	74.00	13.13	Peak
5	17786.400	26.58	21.30	47.88	54.00	6.12	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: horizontal
Note: 5G WiFi ac160 Middle Channel 5250MHz Band 2



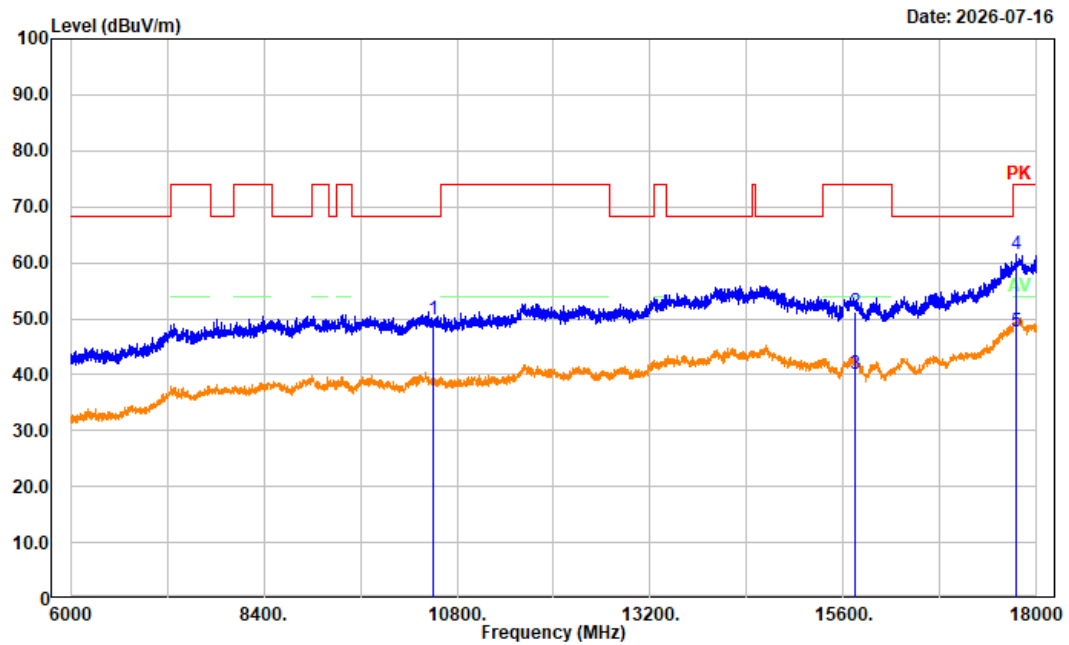
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5088.000	46.44	5.55	51.99	74.00	22.01	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: vertical
Note: 5G WiFi ac160 Middle Channel 5250MHz Band 2



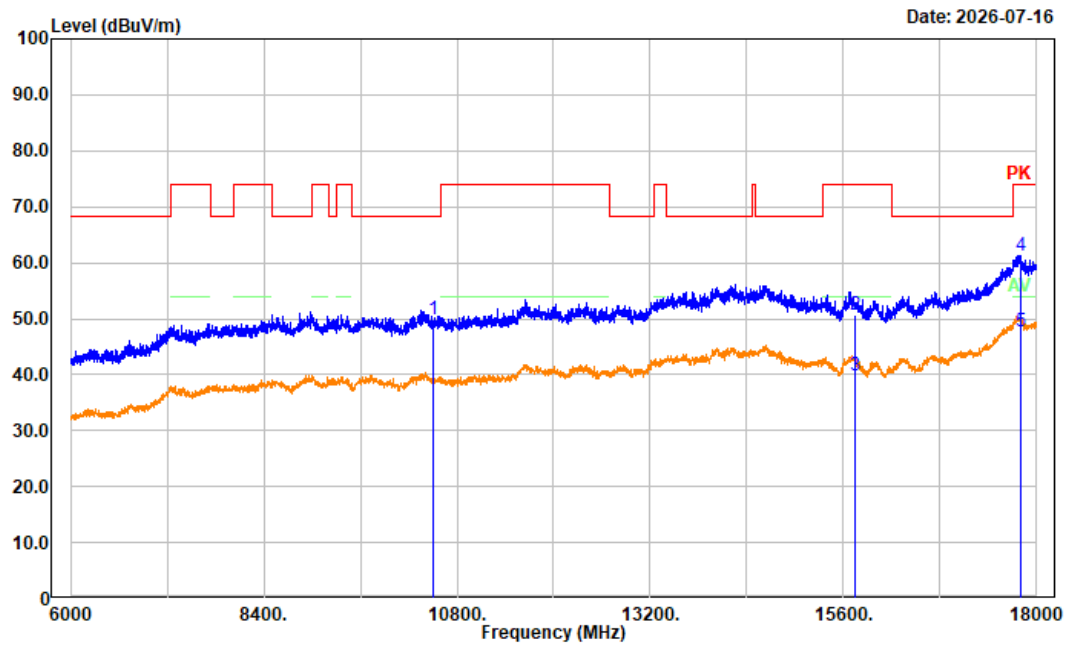
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5053.000	41.09	5.36	46.45	74.00	27.55	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac160 Middle Channel 5250MHz Band 2



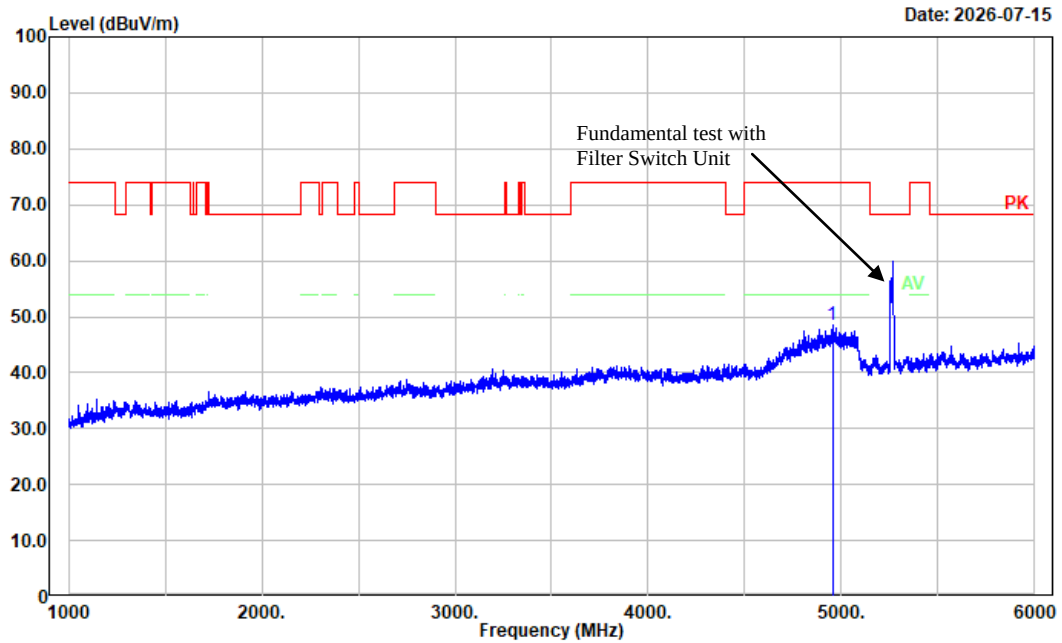
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10500.000	36.51	13.40	49.91	68.20	18.29	Peak
2	15750.000	37.84	13.28	51.12	74.00	22.88	Peak
3	15750.000	26.85	13.28	40.13	54.00	13.87	Average
4	17748.000	40.24	21.17	61.41	74.00	12.59	Peak
5	17748.000	26.60	21.17	47.77	54.00	6.23	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac160 Middle Channel 5250MHz Band 2



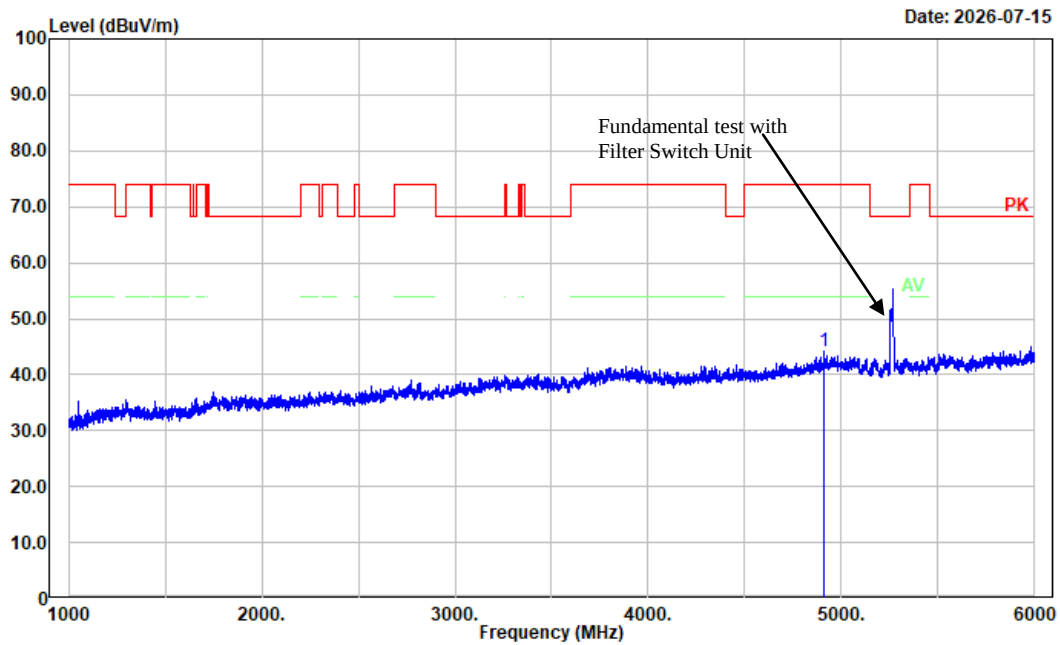
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10500.000	36.58	13.40	49.98	68.20	18.22	Peak
2	15750.000	37.49	13.28	50.77	74.00	23.23	Peak
3	15750.000	26.44	13.28	39.72	54.00	14.28	Average
4	17805.600	39.84	21.36	61.20	74.00	12.80	Peak
5	17805.600	26.47	21.36	47.83	54.00	6.17	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax20 Low Channel 5260MHz Band 2



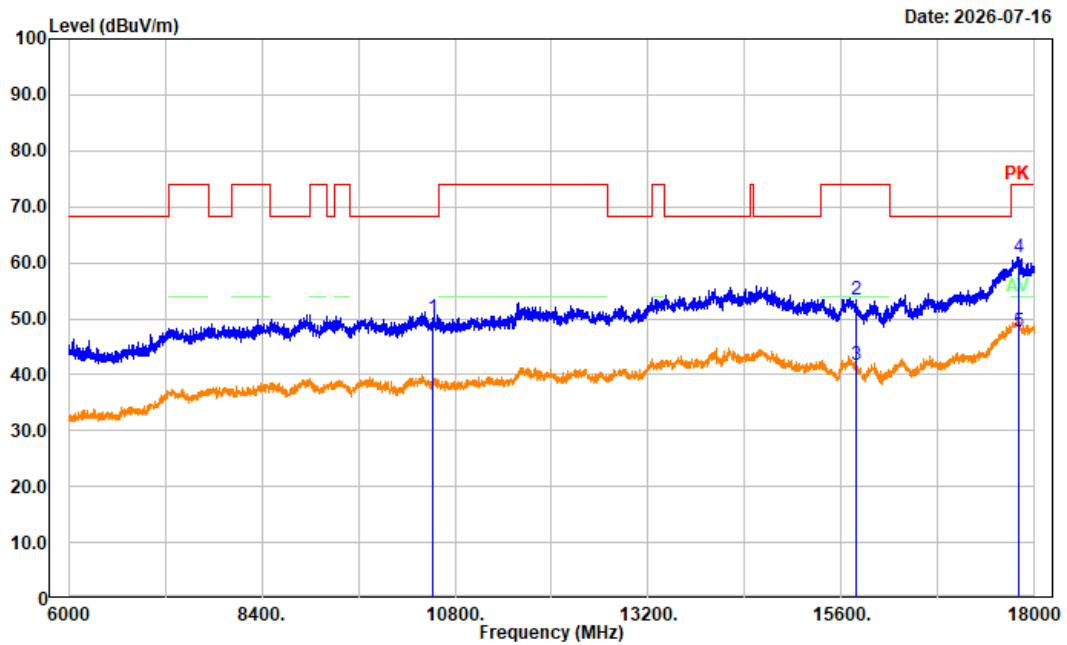
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4953.000	43.78	4.84	48.62	74.00	25.38	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax20 Low Channel 5260MHz Band 2



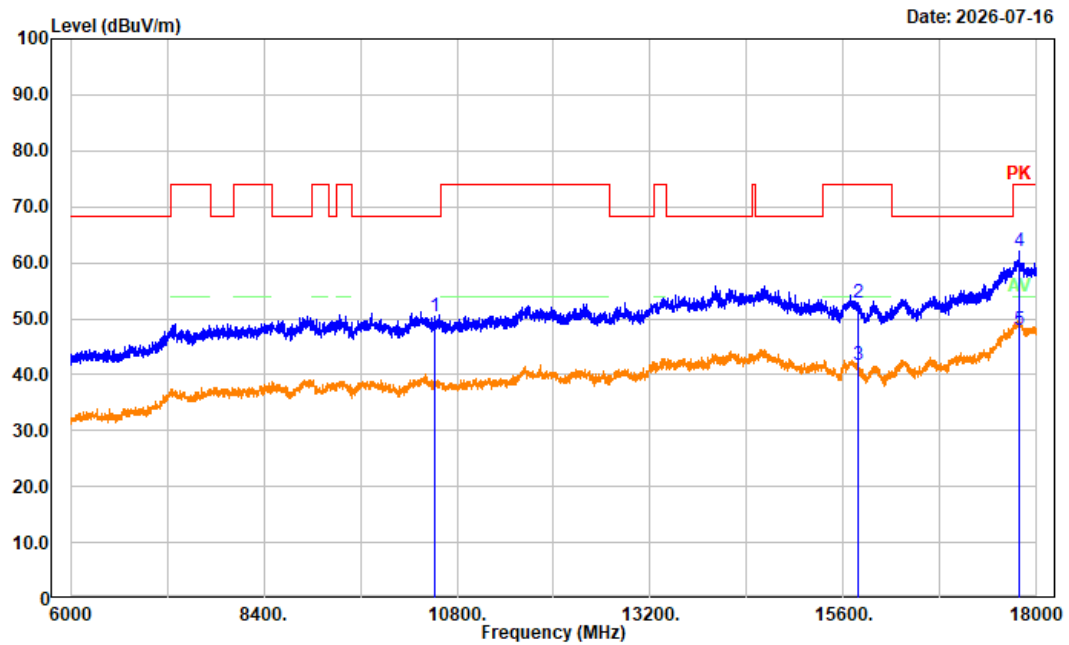
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4912.000	39.22	4.93	44.15	74.00	29.85	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax20 Low Channel 5260MHz Band 2



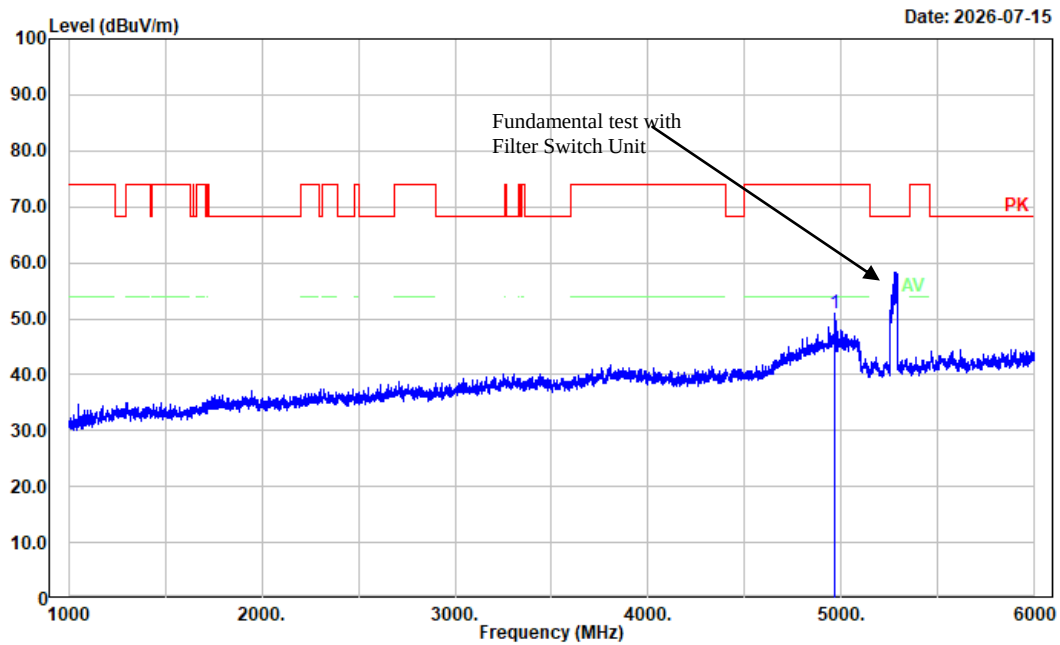
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10520.000	36.67	13.39	50.06	68.20	18.14	Peak
2	15780.000	40.11	13.26	53.37	74.00	20.63	Peak
3	15780.000	28.59	13.26	41.85	54.00	12.15	Average
4	17796.000	39.62	21.34	60.96	74.00	13.04	Peak
5	17796.000	26.48	21.34	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax20 Low Channel 5260MHz Band 2



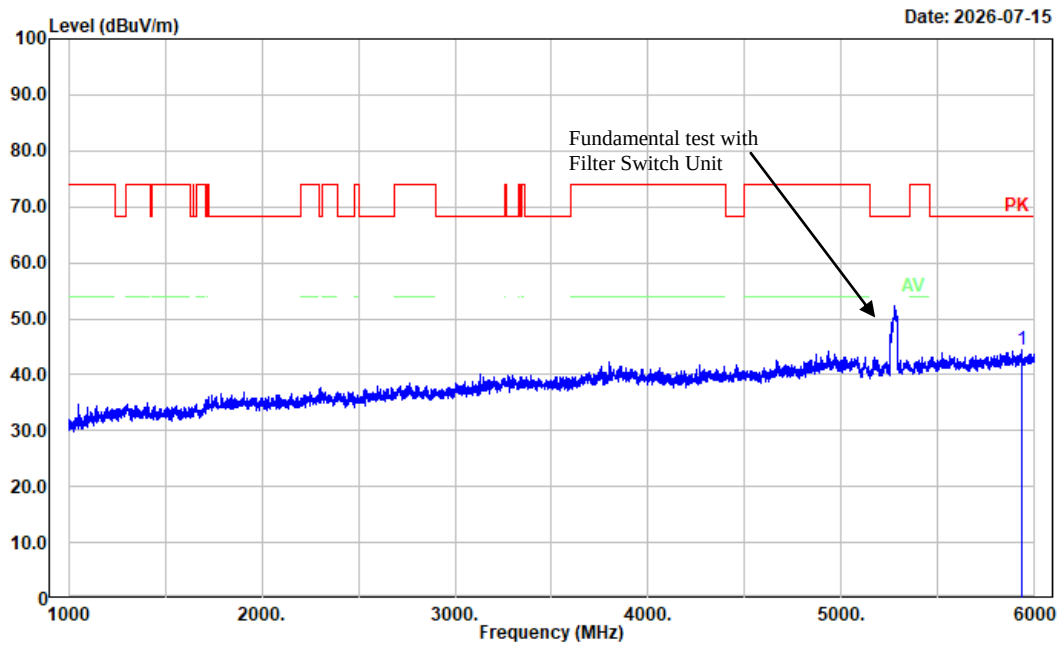
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10520.000	36.90	13.39	50.29	68.20	17.91	Peak
2	15780.000	39.54	13.26	52.80	74.00	21.20	Peak
3	15780.000	28.38	13.26	41.64	54.00	12.36	Average
4	17784.000	40.64	21.29	61.93	74.00	12.07	Peak
5	17784.000	26.66	21.29	47.95	54.00	6.05	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax40 High Channel 5310MHz Band 2



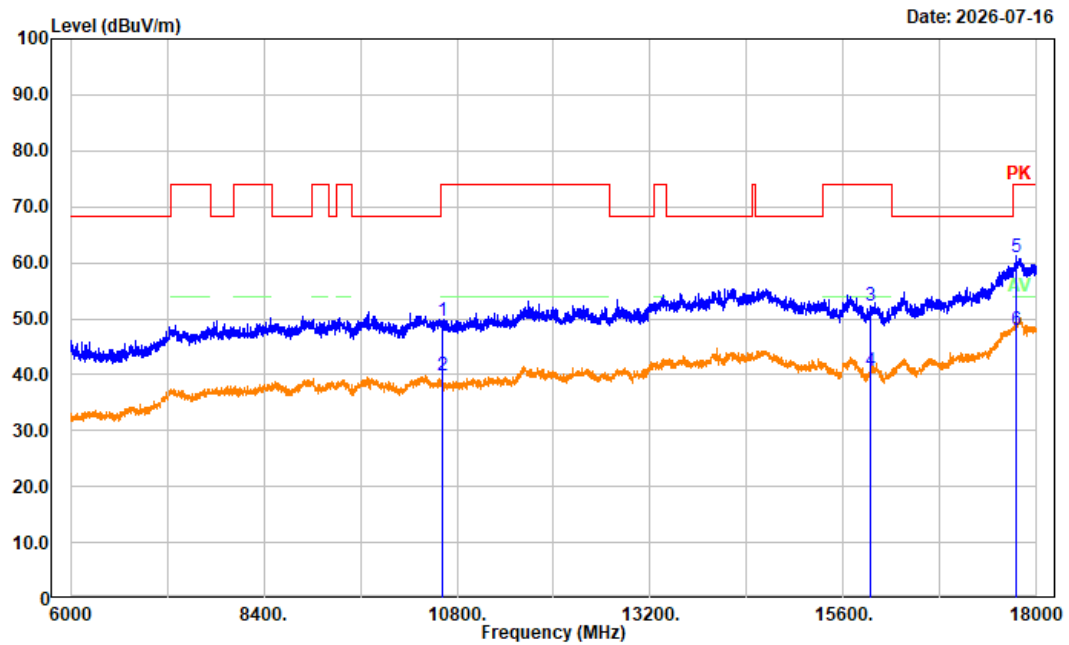
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	4968.000	46.18	4.90	51.08	74.00	22.92	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax40 High Channel 5310MHz Band 2



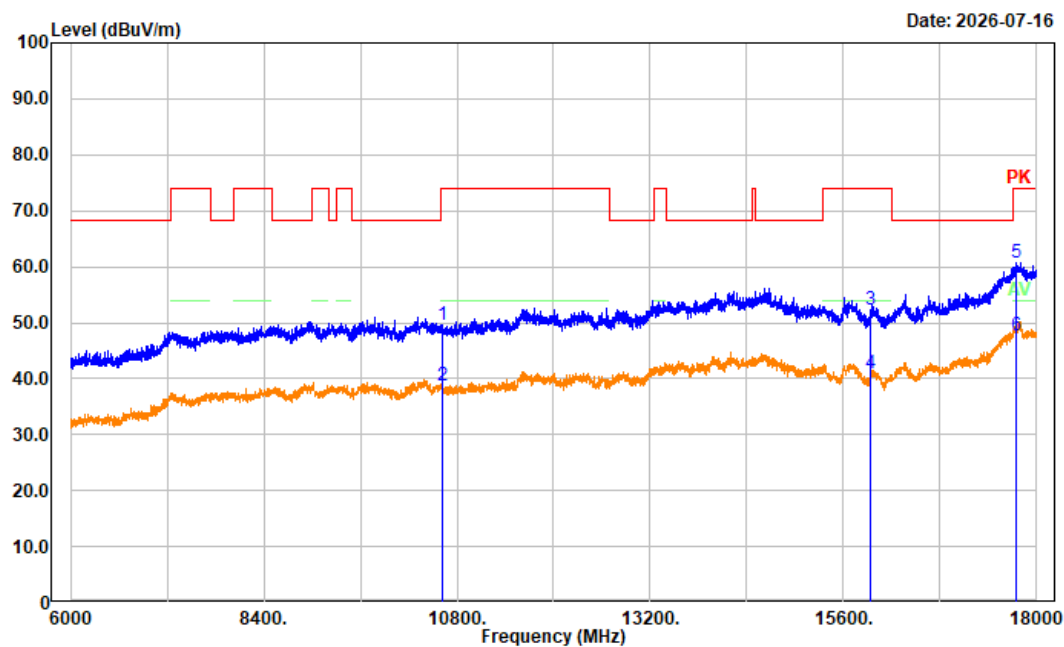
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5932.000	37.16	7.20	44.36	68.20	23.84	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax40 High Channel 5310MHz Band 2



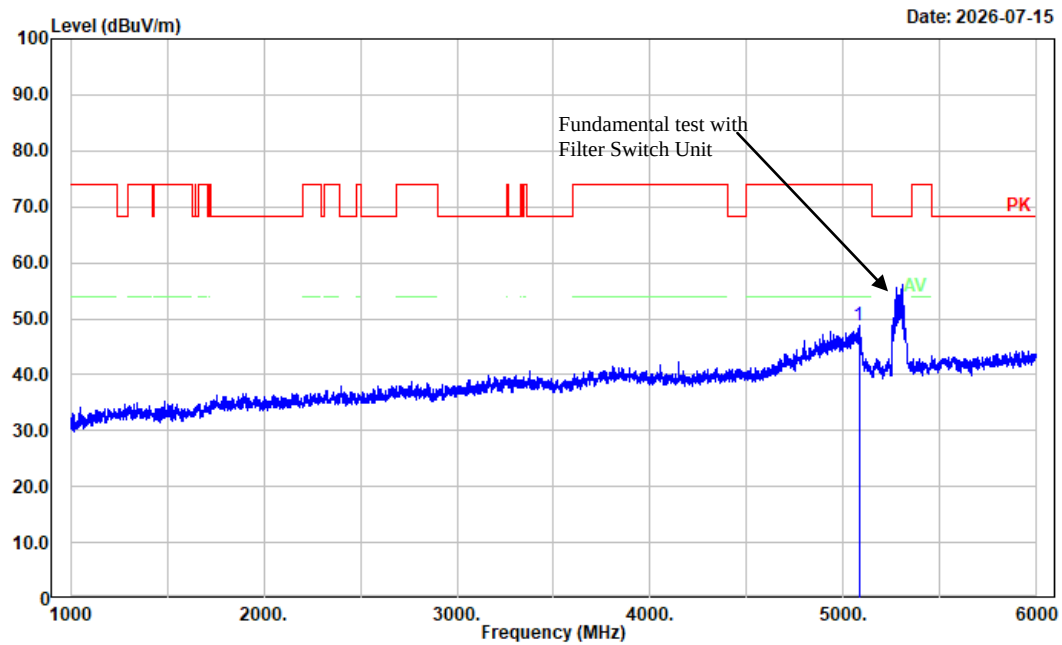
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10620.000	36.30	13.35	49.65	74.00	24.35	Peak
2	10620.000	26.44	13.35	39.79	54.00	14.21	Average
3	15930.000	38.98	13.45	52.43	74.00	21.57	Peak
4	15930.000	27.11	13.45	40.56	54.00	13.44	Average
5	17752.800	39.92	21.19	61.11	74.00	12.89	Peak
6	17752.800	26.70	21.19	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax40 High Channel 5310MHz Band 2



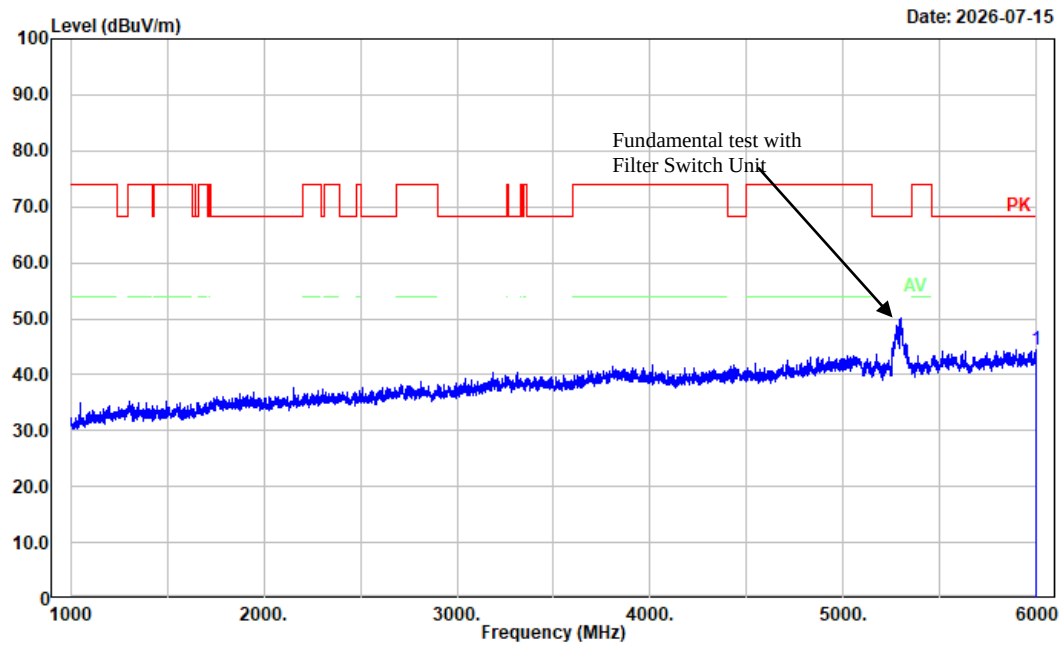
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10620.000	36.34	13.35	49.69	74.00	24.31	Peak
2	10620.000	25.44	13.35	38.79	54.00	15.21	Average
3	15930.000	38.85	13.45	52.30	74.00	21.70	Peak
4	15930.000	27.42	13.45	40.87	54.00	13.13	Average
5	17752.800	39.49	21.19	60.68	74.00	13.32	Peak
6	17752.800	26.63	21.19	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax80 Middle Channel 5290MHz Band 2



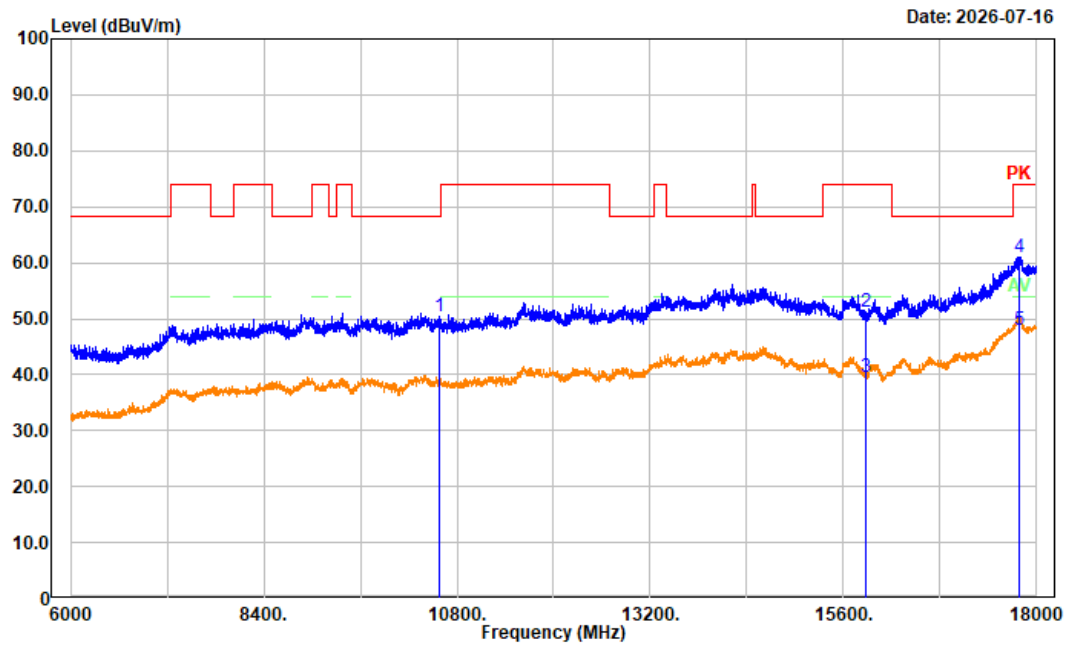
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5080.000	43.36	5.51	48.87	74.00	25.13	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax80 Middle Channel 5290MHz Band 2



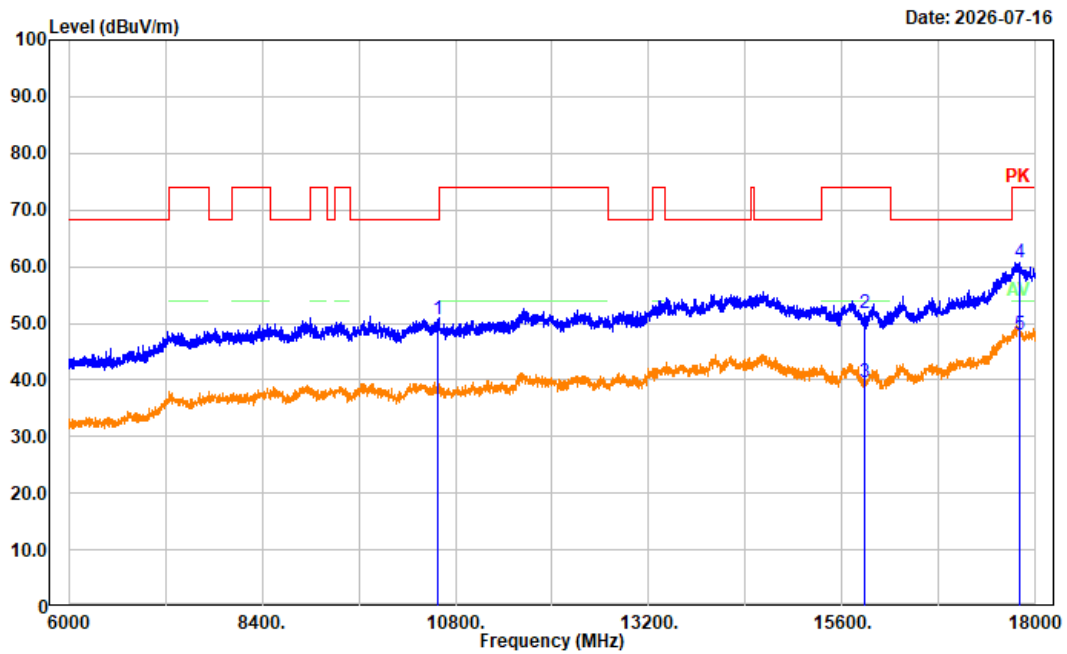
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5995.000	36.75	7.68	44.43	68.20	23.77	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax80 Middle Channel 5290MHz Band 2



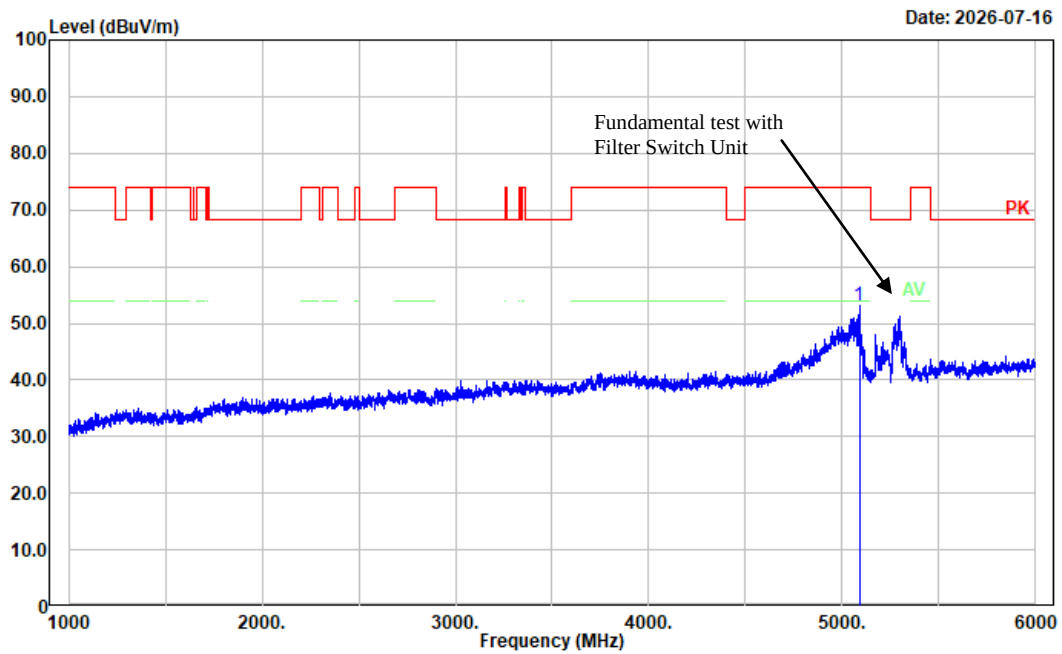
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10580.000	36.99	13.37	50.36	68.20	17.84	Peak
2	15870.000	37.81	13.41	51.22	74.00	22.78	Peak
3	15870.000	26.26	13.41	39.67	54.00	14.33	Average
4	17781.600	39.76	21.28	61.04	74.00	12.96	Peak
5	17781.600	26.65	21.28	47.93	54.00	6.07	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax80 Middle Channel 5290MHz Band 2



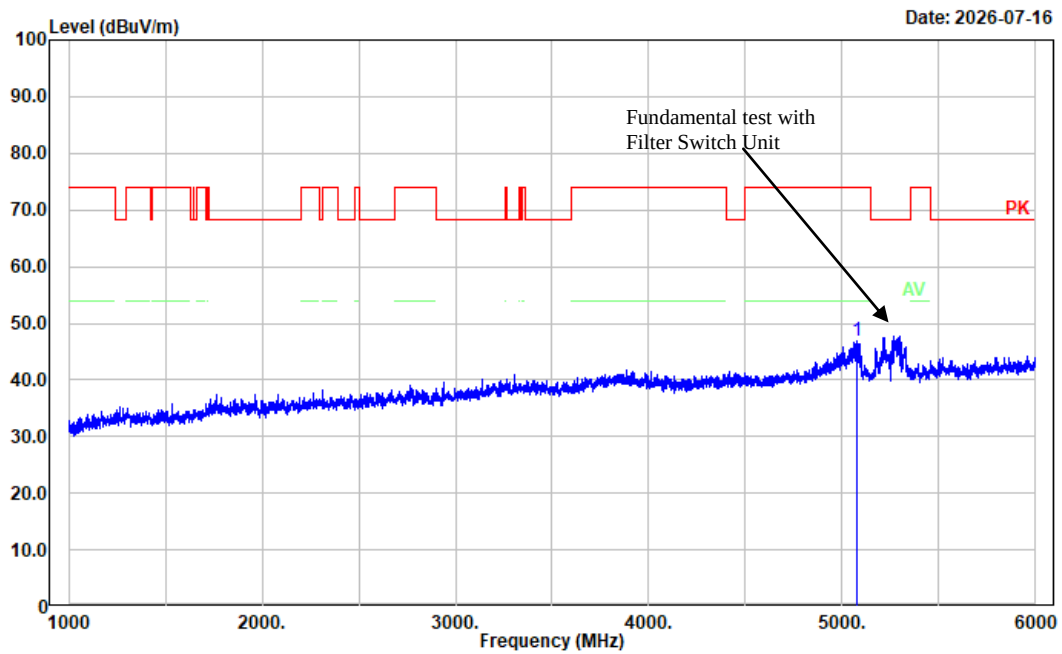
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10580.000	37.21	13.37	50.58	68.20	17.62	Peak
2	15870.000	38.34	13.41	51.75	74.00	22.25	Peak
3	15870.000	26.26	13.41	39.67	54.00	14.33	Average
4	17803.200	39.27	21.36	60.63	74.00	13.37	Peak
5	17803.200	26.51	21.36	47.87	54.00	6.13	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: horizontal
Note: 5G WiFi ax160 Middle Channel 5250MHz Band 2



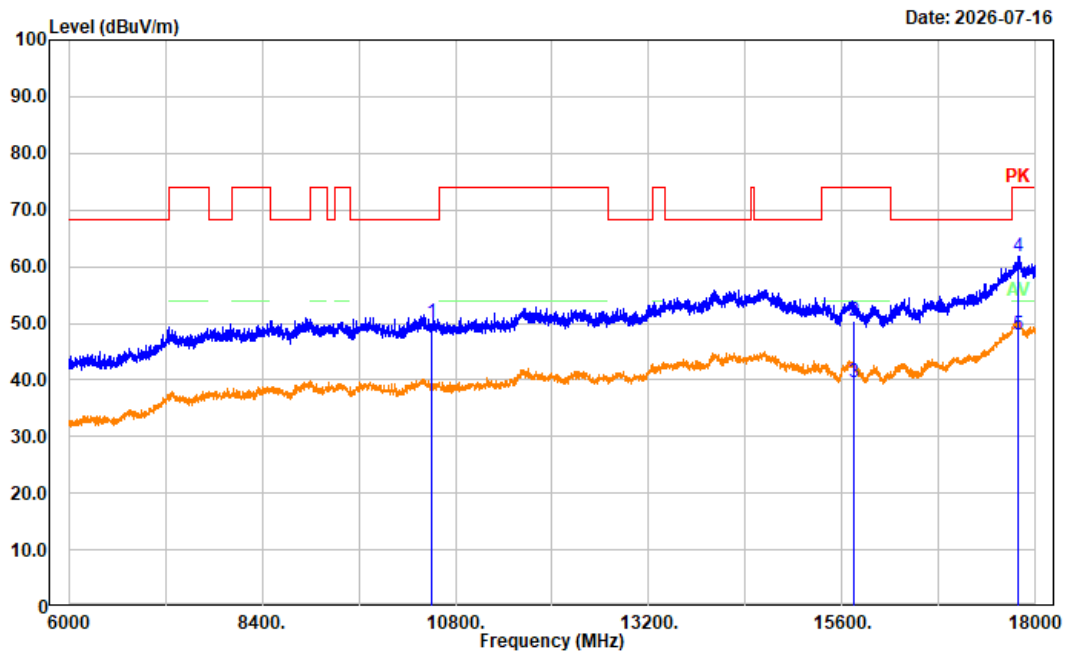
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5088.000	47.66	5.55	53.21	74.00	20.79	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: vertical
Note: 5G WiFi ax160 Middle Channel 5250MHz Band 2



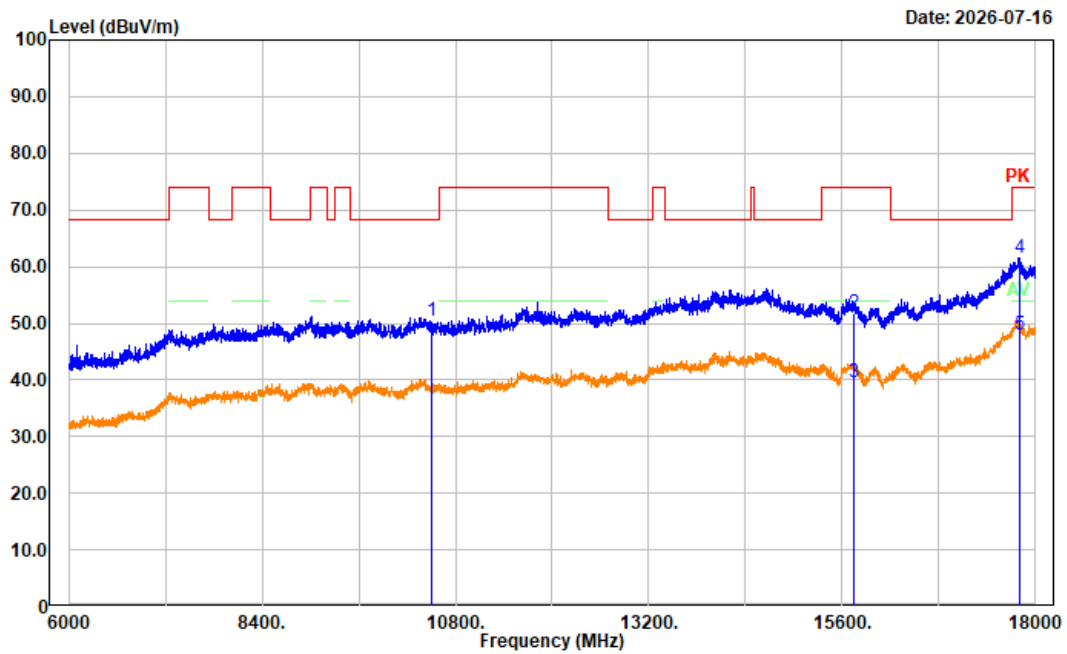
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5074.000	41.35	5.48	46.83	74.00	27.17	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax160 Middle Channel 5250MHz Band 2



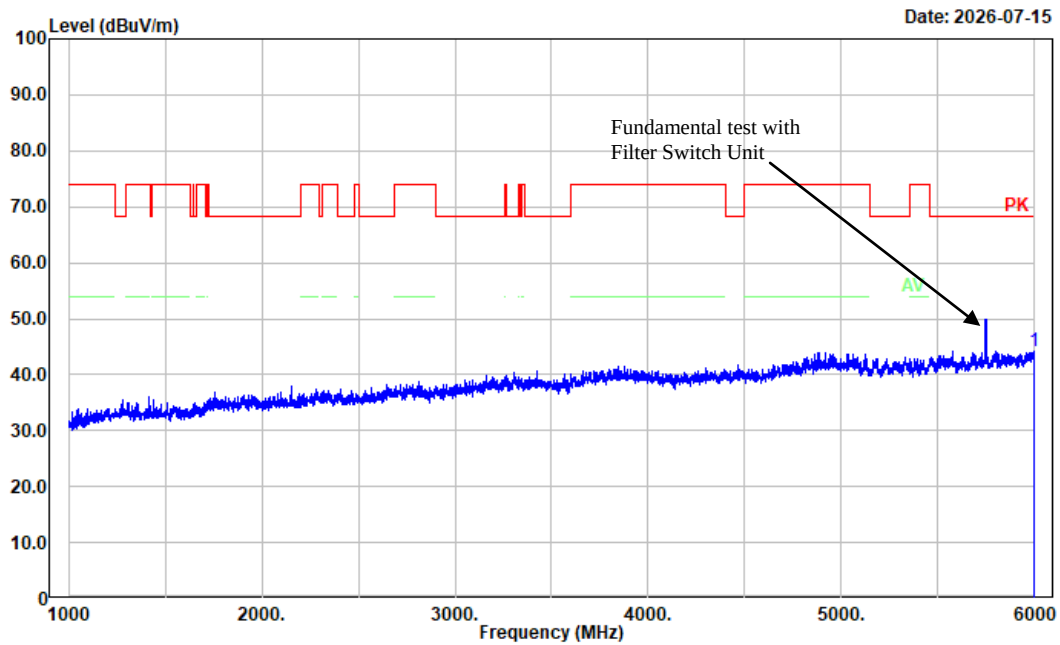
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10500.000	36.74	13.40	50.14	68.20	18.06	Peak
2	15750.000	37.05	13.28	50.33	74.00	23.67	Peak
3	15750.000	26.31	13.28	39.59	54.00	14.41	Average
4	17776.800	40.50	21.27	61.77	74.00	12.23	Peak
5	17776.800	26.57	21.27	47.84	54.00	6.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax160 Middle Channel 5250MHz Band 2



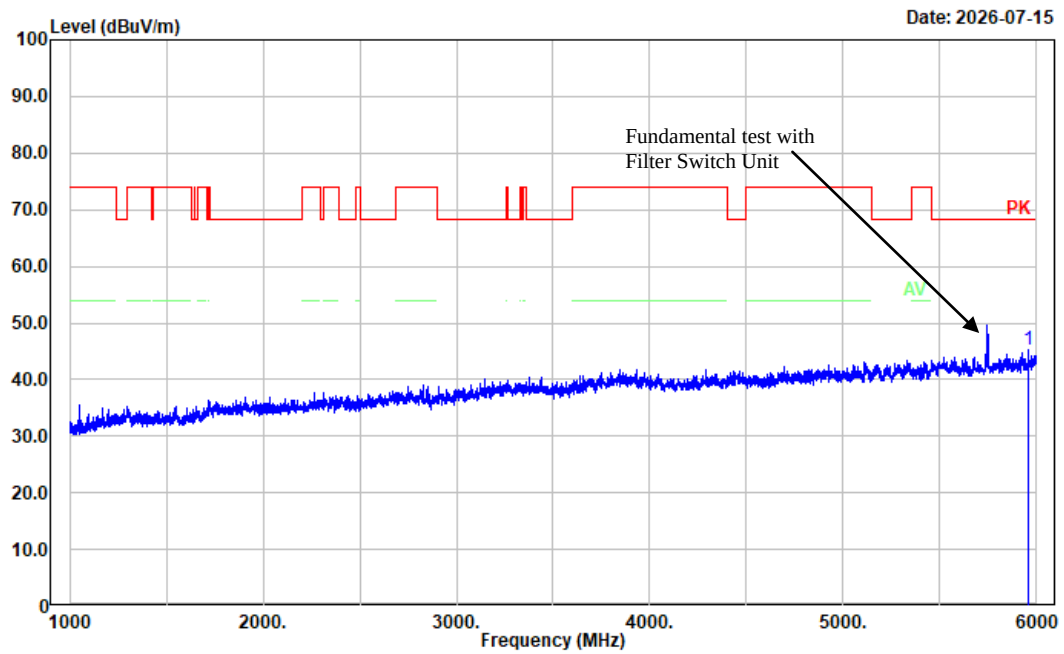
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	10500.000	37.13	13.40	50.53	68.20	17.67	Peak
2	15750.000	38.51	13.28	51.79	74.00	22.21	Peak
3	15750.000	26.39	13.28	39.67	54.00	14.33	Average
4	17793.600	40.08	21.33	61.41	74.00	12.59	Peak
5	17793.600	26.51	21.33	47.84	54.00	6.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi a Low Channel 5745MHz Chain 0 Band 4



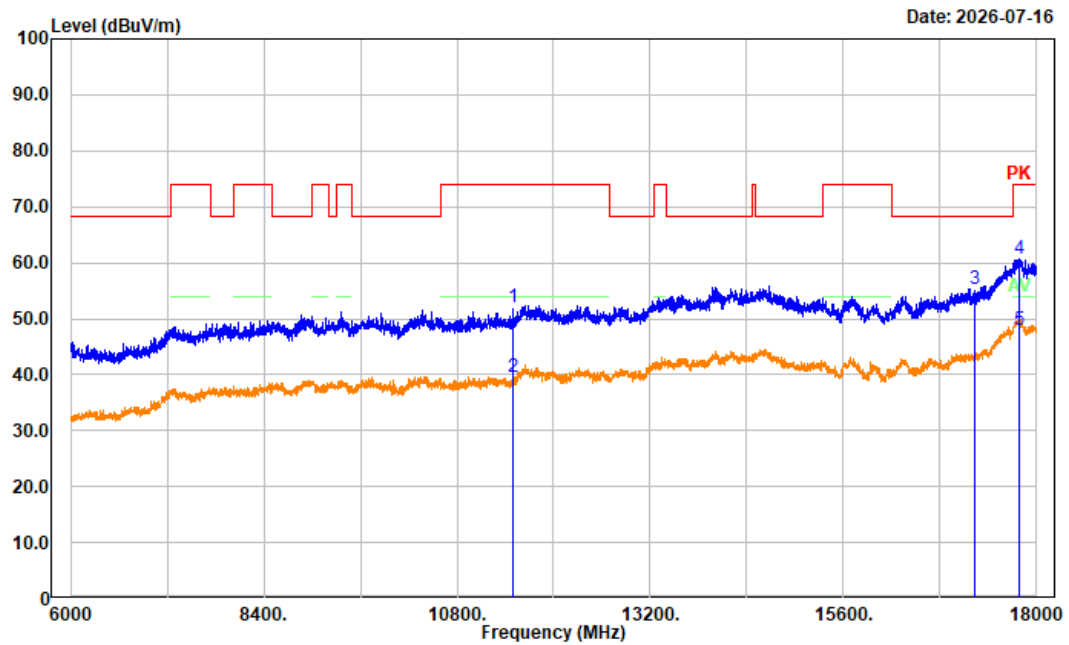
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5999.000	36.36	7.73	44.09	68.20	24.11	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5745MHz Chain 0 Band 4



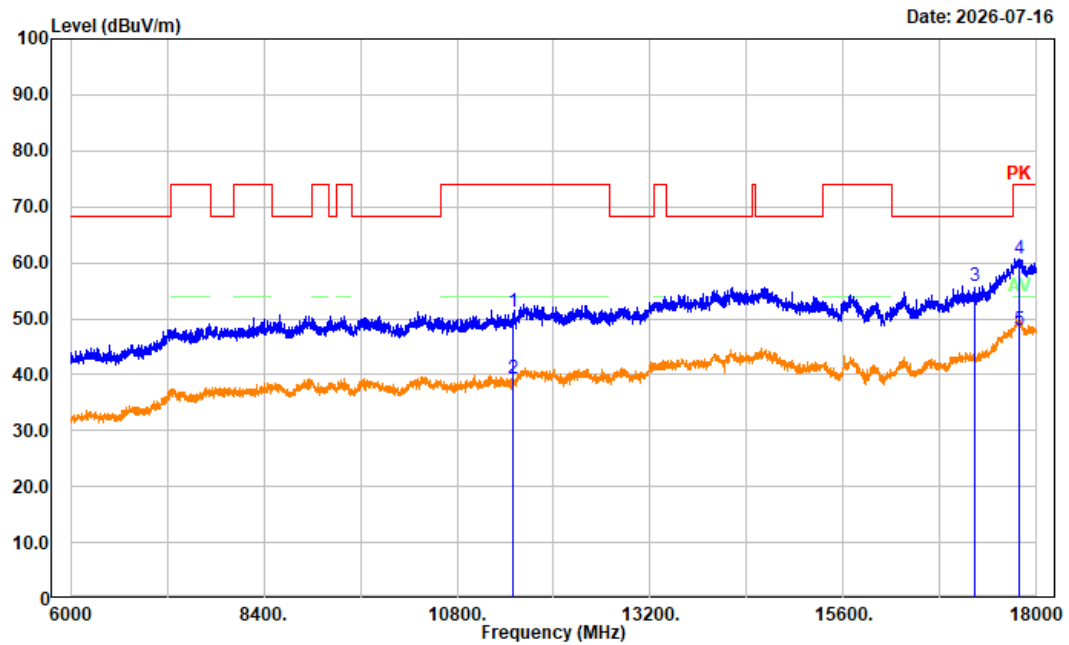
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	5957.000	37.82	7.31	45.13	68.20	23.07	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi a Low Channel 5745MHz Chain 0 Band 4



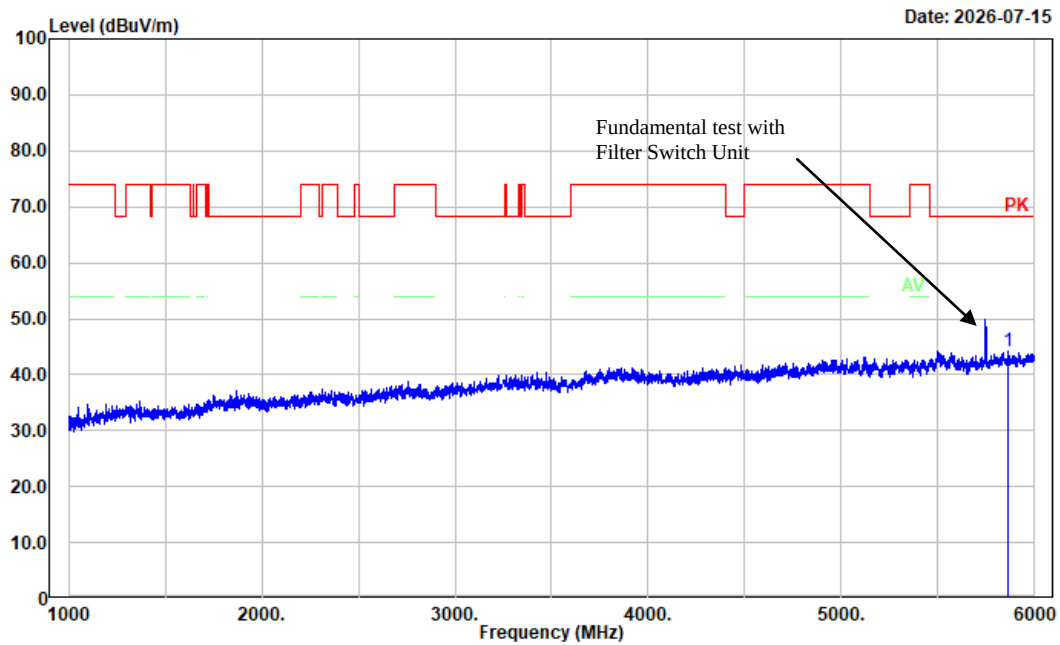
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11490.000	37.99	13.97	51.96	74.00	22.04	Peak
2	11490.000	25.57	13.97	39.54	54.00	14.46	Average
3	17235.000	38.23	16.99	55.22	68.20	12.98	Peak
4	17788.800	39.40	21.32	60.72	74.00	13.28	Peak
5	17788.800	26.58	21.32	47.90	54.00	6.10	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5745MHz Chain 0 Band 4



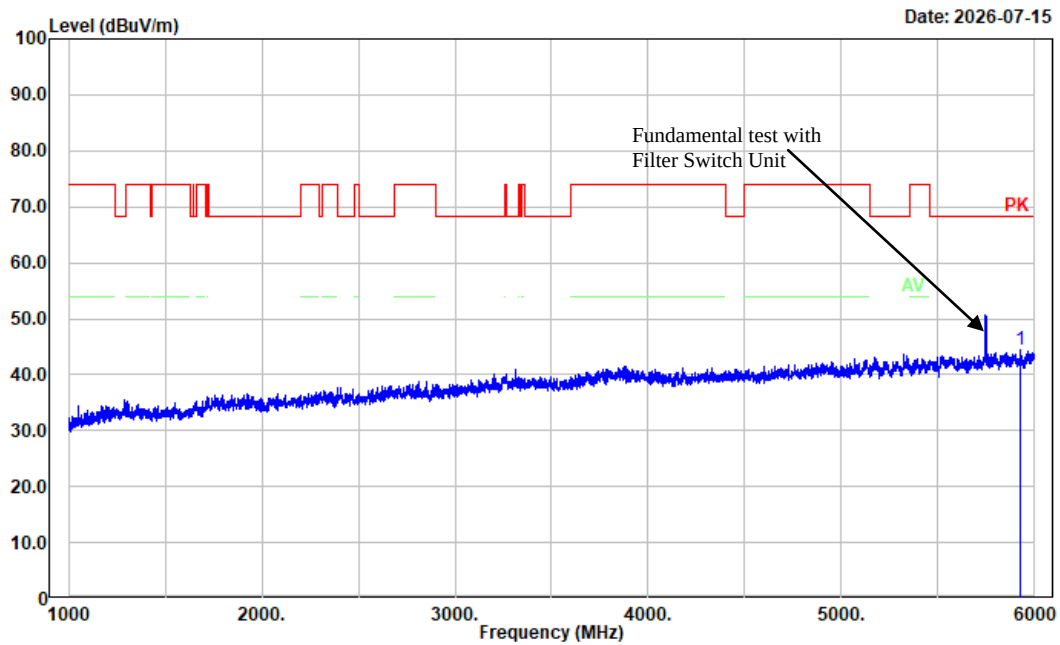
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11490.000	37.24	13.97	51.21	74.00	22.79	Peak
2	11490.000	25.39	13.97	39.36	54.00	14.64	Average
3	17235.000	38.97	16.99	55.96	68.20	12.24	Peak
4	17779.200	39.40	21.28	60.68	74.00	13.32	Peak
5	17779.200	26.60	21.28	47.88	54.00	6.12	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi a Low Channel 5745MHz Chain 1 Band 4



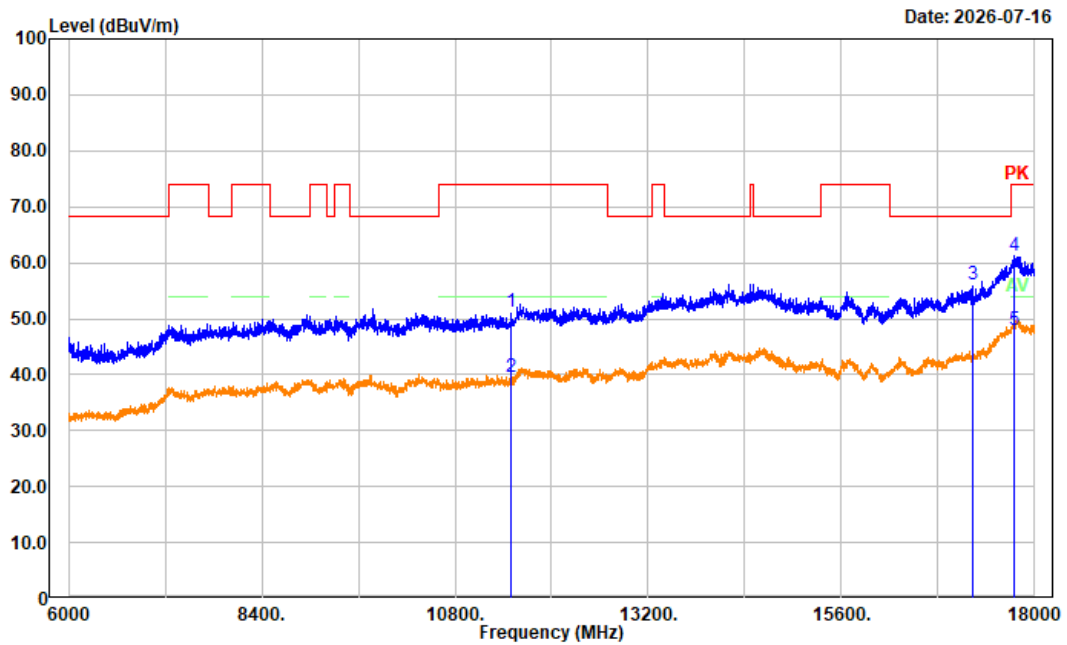
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5860.000	37.11	6.96	44.07	68.20	24.13	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5745MHz Chain 1 Band 4



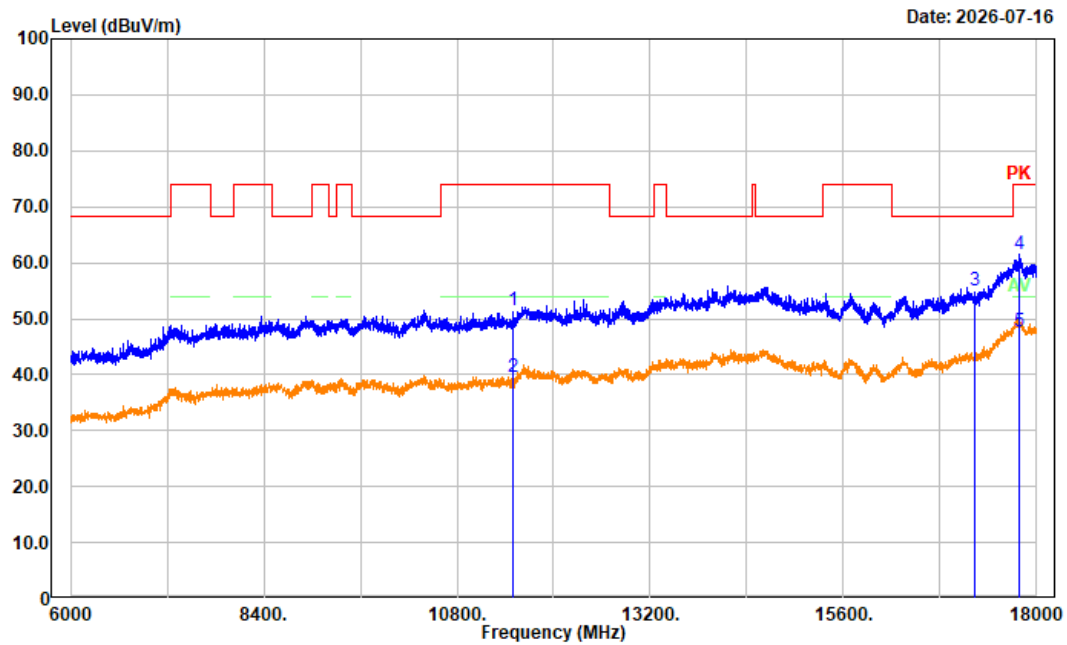
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5926.000	37.32	7.17	44.49	68.20	23.71	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi a Low Channel 5745MHz Chain 1 Band 4



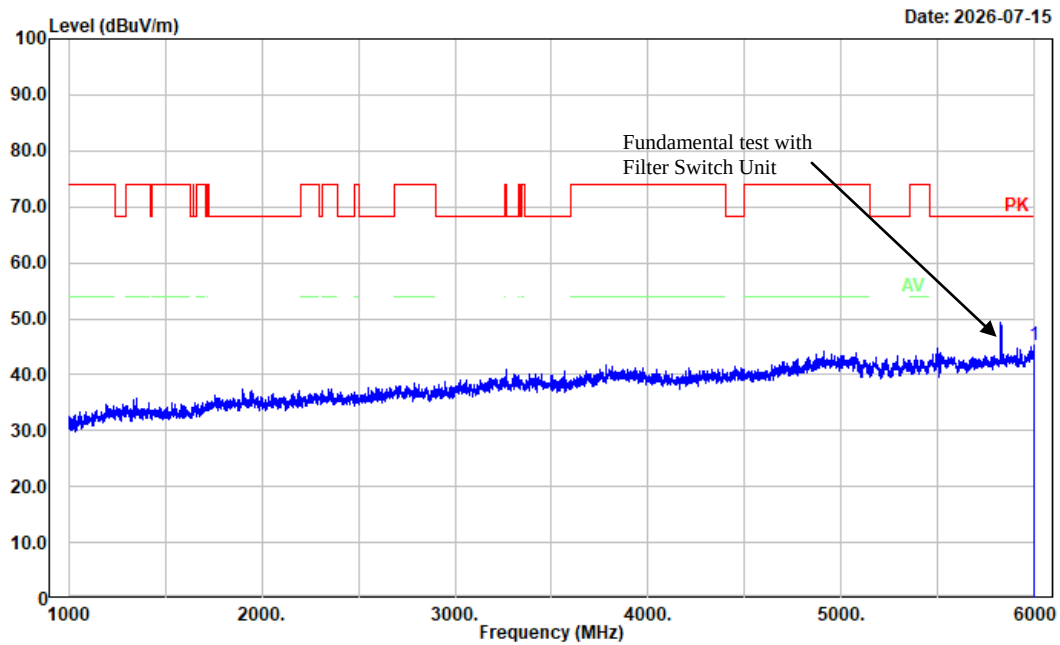
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11490.000	37.17	13.97	51.14	74.00	22.86	Peak
2	11490.000	25.58	13.97	39.55	54.00	14.45	Average
3	17235.000	39.12	16.99	56.11	68.20	12.09	Peak
4	17748.000	40.02	21.17	61.19	74.00	12.81	Peak
5	17748.000	26.67	21.17	47.84	54.00	6.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5745MHz Chain 1 Band 4



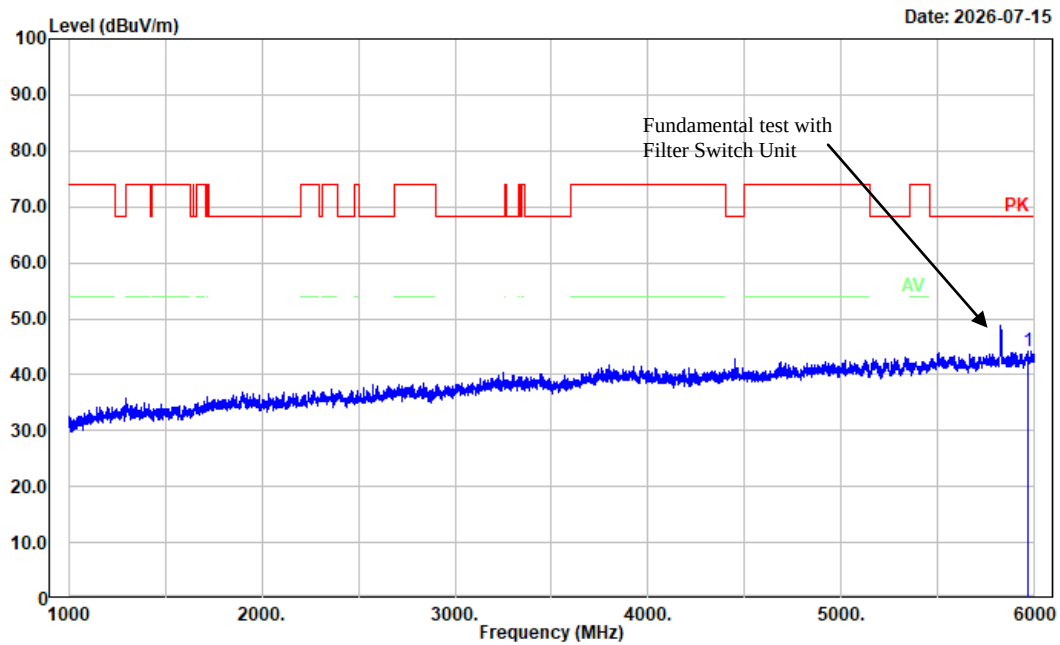
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11490.000	37.41	13.97	51.38	74.00	22.62	Peak
2	11490.000	25.57	13.97	39.54	54.00	14.46	Average
3	17235.000	37.90	16.99	54.89	68.20	13.31	Peak
4	17781.600	40.20	21.28	61.48	74.00	12.52	Peak
5	17781.600	26.53	21.28	47.81	54.00	6.19	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac20 High Channel 5825MHz Band 4



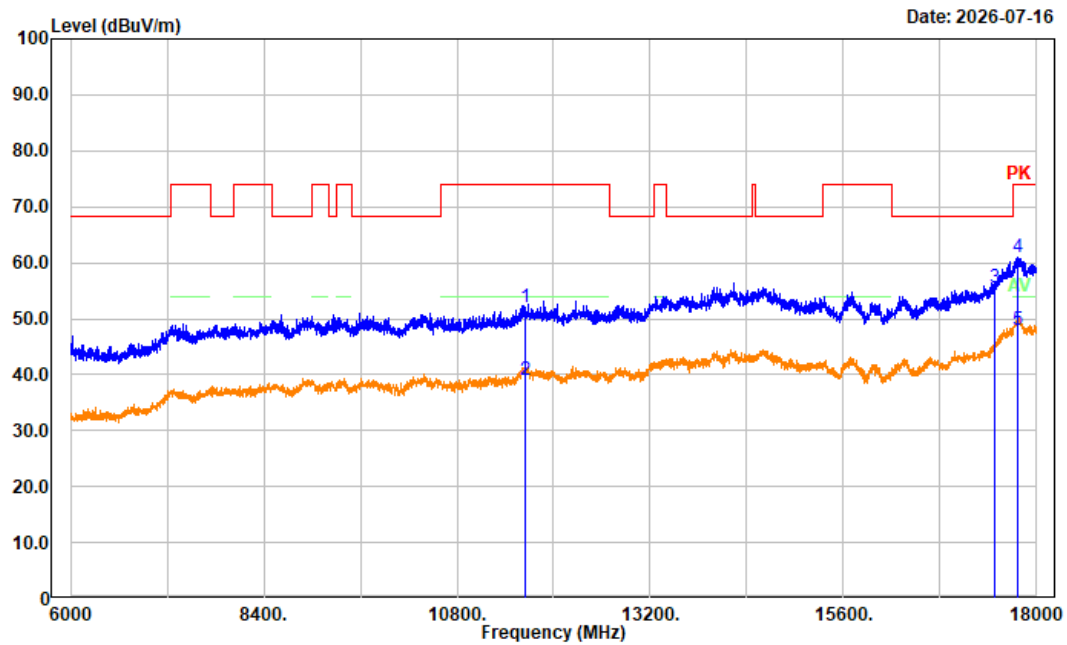
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5998.000	37.64	7.71	45.35	68.20	22.85	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac20 High Channel 5825MHz Band 4



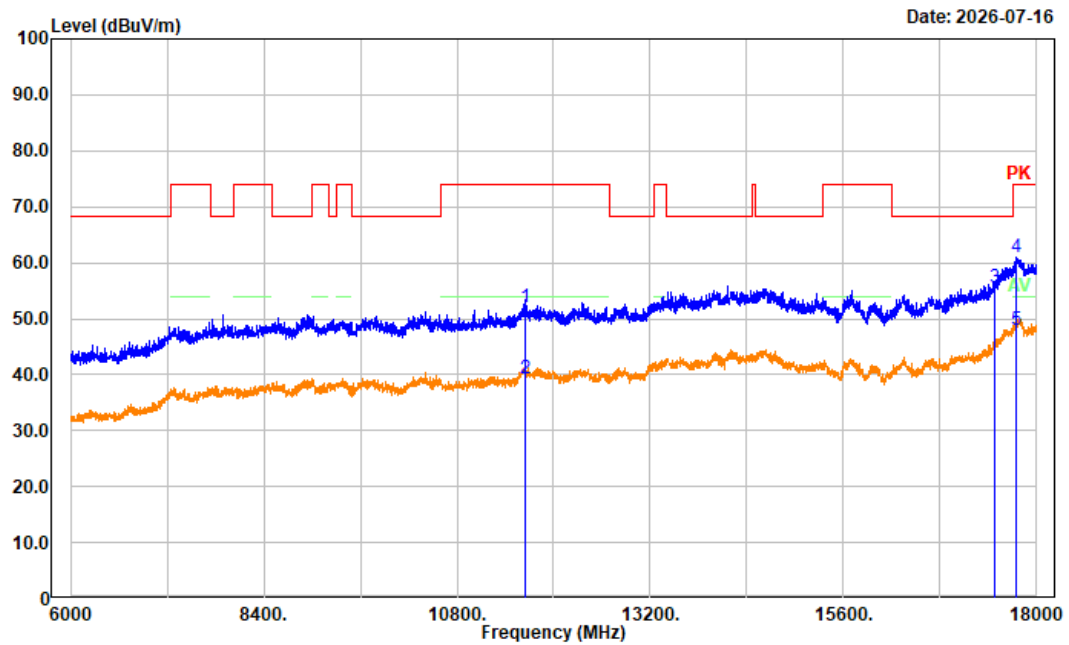
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5965.000	36.84	7.38	44.22	68.20	23.98	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac20 High Channel 5825MHz Band 4



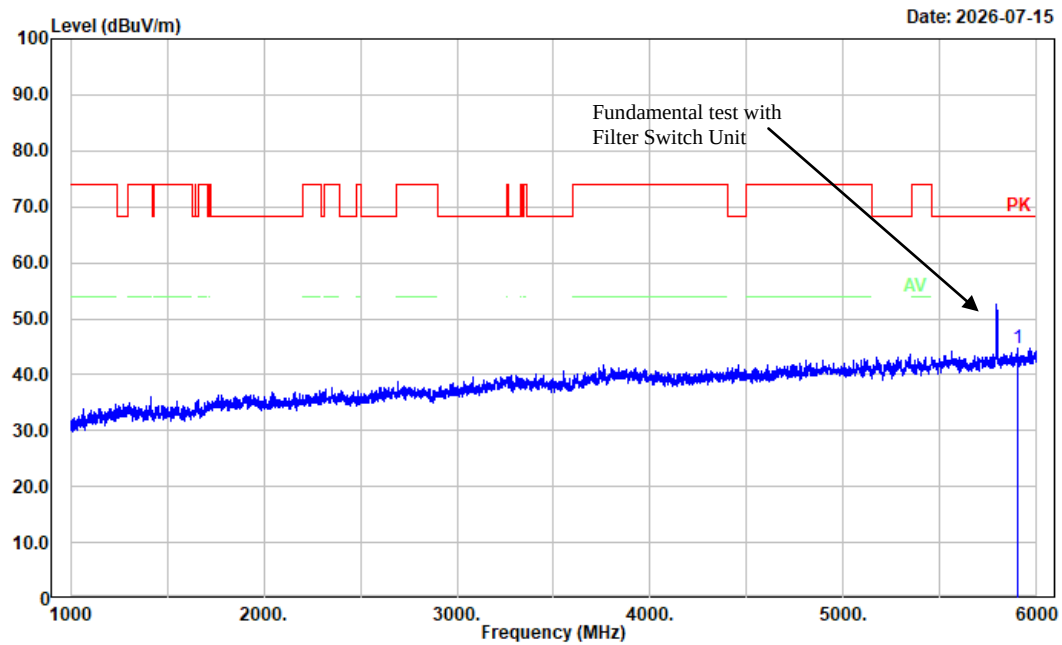
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11650.000	37.47	14.49	51.96	74.00	22.04	Peak
2	11650.000	24.63	14.49	39.12	54.00	14.88	Average
3	17475.000	36.71	18.94	55.65	68.20	12.55	Peak
4	17755.200	39.86	21.20	61.06	74.00	12.94	Peak
5	17755.200	26.66	21.20	47.86	54.00	6.14	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac20 High Channel 5825MHz Band 4



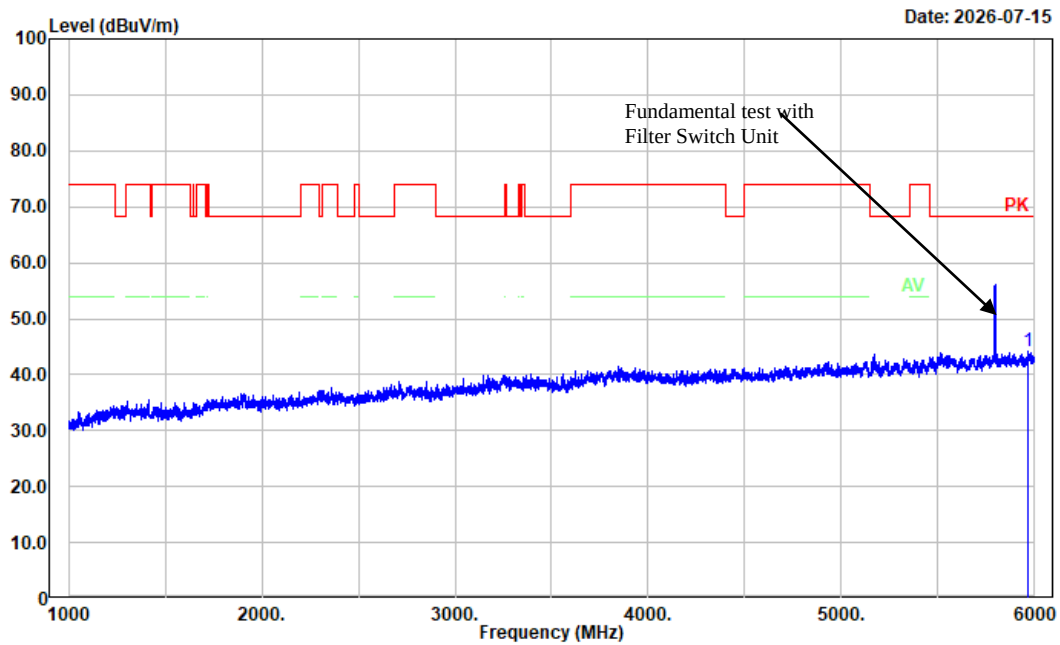
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11650.000	37.49	14.49	51.98	74.00	22.02	Peak
2	11650.000	24.87	14.49	39.36	54.00	14.64	Average
3	17475.000	36.59	18.94	55.53	68.20	12.67	Peak
4	17738.400	39.79	21.15	60.94	74.00	13.06	Peak
5	17738.400	26.70	21.15	47.85	54.00	6.15	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ac40 High Channel 5795MHz Band 4



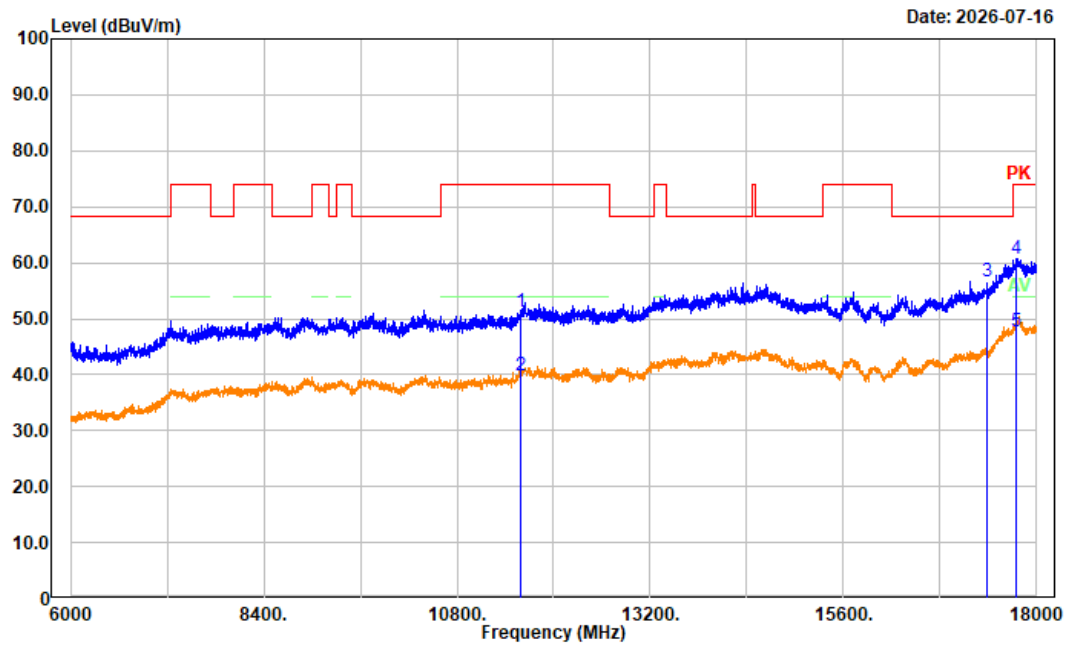
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5901.000	37.51	7.11	44.62	68.20	23.58	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ac40 High Channel 5795MHz Band 4



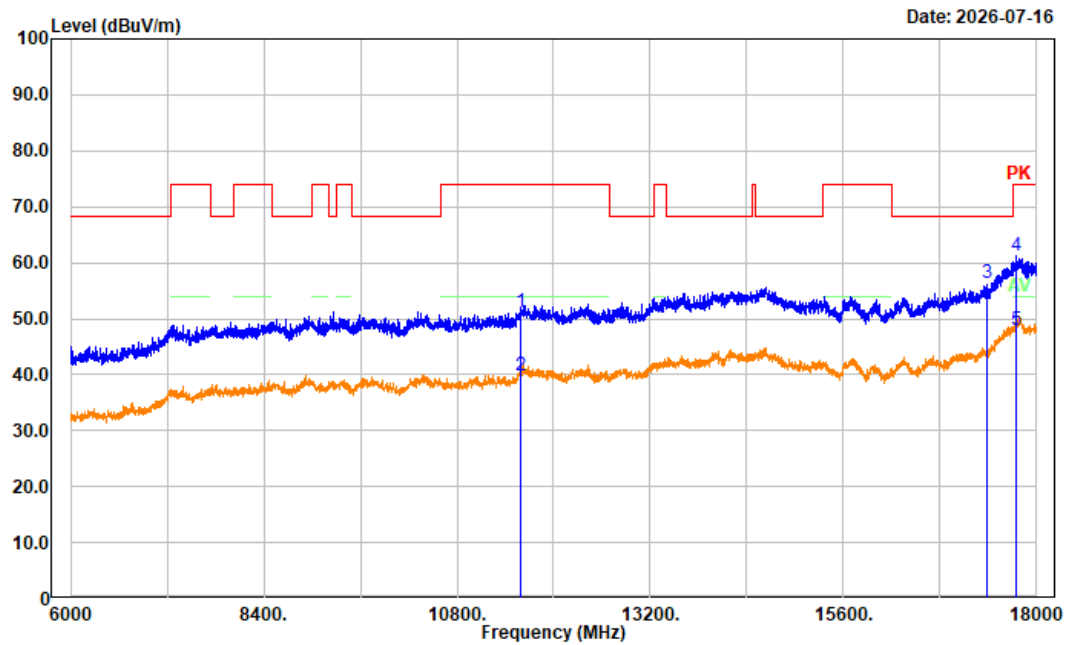
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5968.000	36.87	7.42	44.29	68.20	23.91	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac40 High Channel 5795MHz Band 4



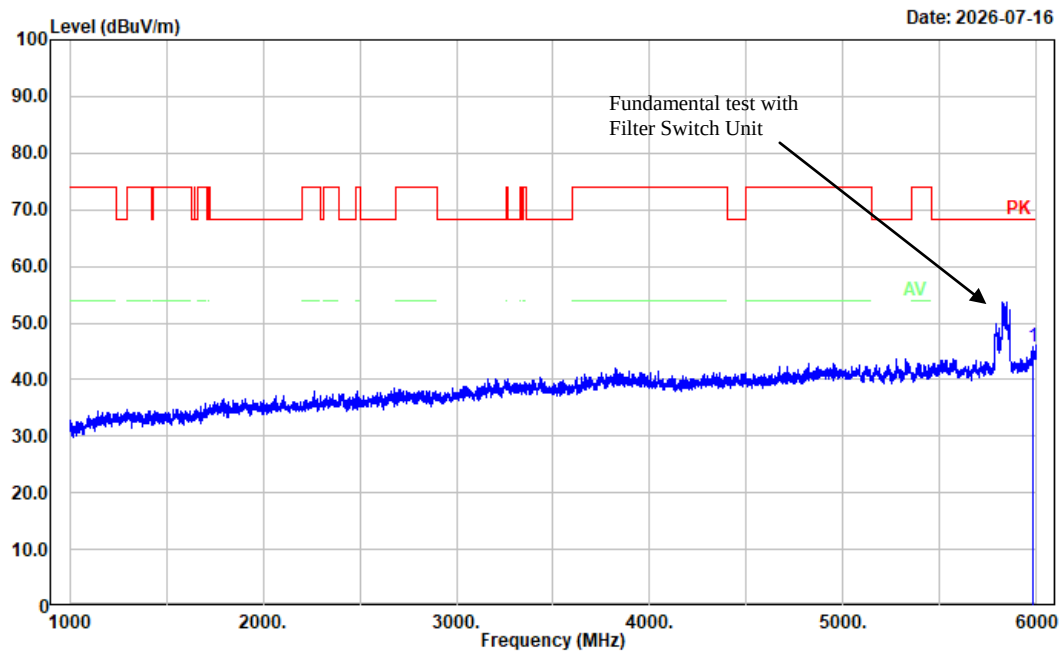
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	36.88	14.43	51.31	74.00	22.69	Peak
2	11590.000	25.46	14.43	39.89	54.00	14.11	Average
3	17385.000	38.29	18.26	56.55	68.20	11.65	Peak
4	17750.400	39.65	21.18	60.83	74.00	13.17	Peak
5	17750.400	26.64	21.18	47.82	54.00	6.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac40 High Channel 5795MHz Band 4



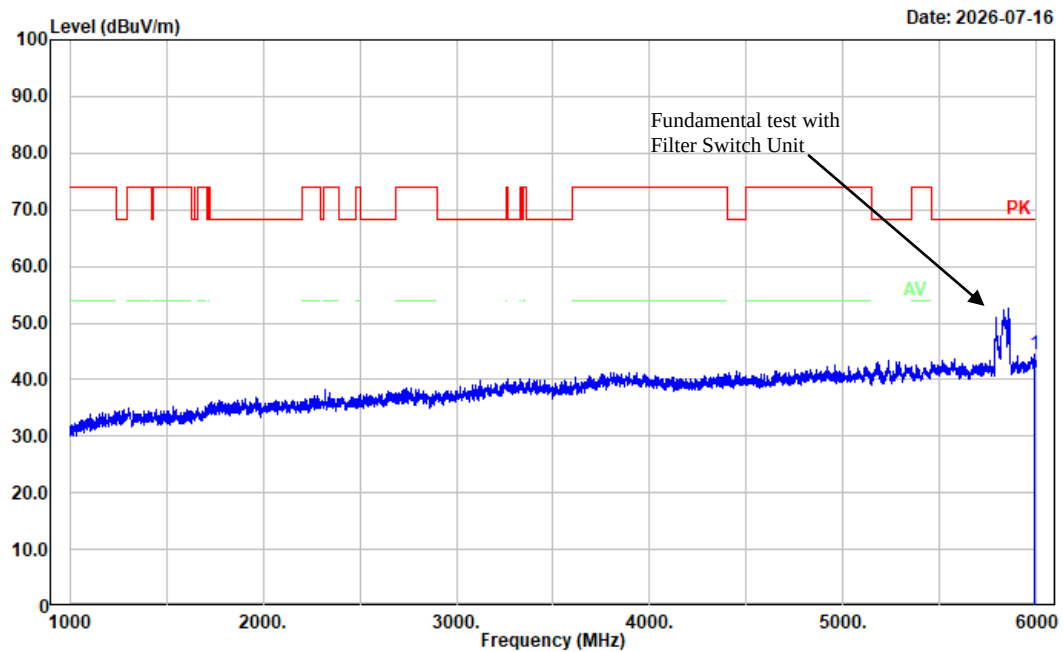
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11590.000	36.91	14.43	51.34	74.00	22.66	Peak
2	11590.000	25.46	14.43	39.89	54.00	14.11	Average
3	17385.000	38.16	18.26	56.42	68.20	11.78	Peak
4	17750.400	39.95	21.18	61.13	74.00	12.87	Peak
5	17750.400	26.76	21.18	47.94	54.00	6.06	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: horizontal
Note: 5G WiFi ac80 Middle Channel 5775MHz Band 4



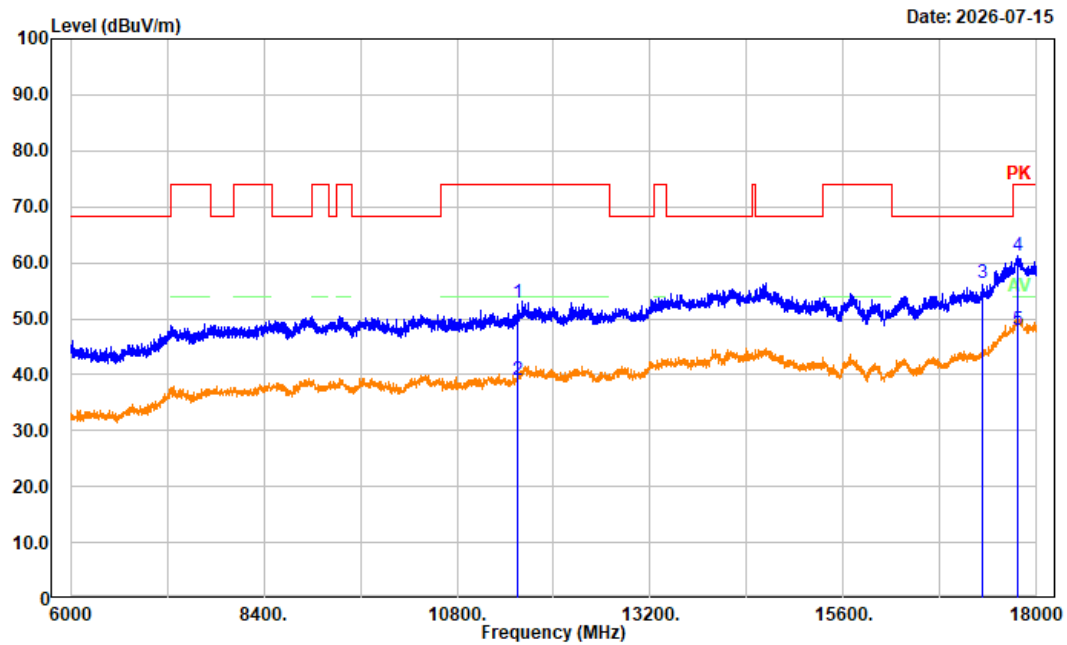
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	5984.000	38.11	7.57	45.68	68.20	22.52	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: vertical
Note: 5G WiFi ac80 Middle Channel 5775MHz Band 4



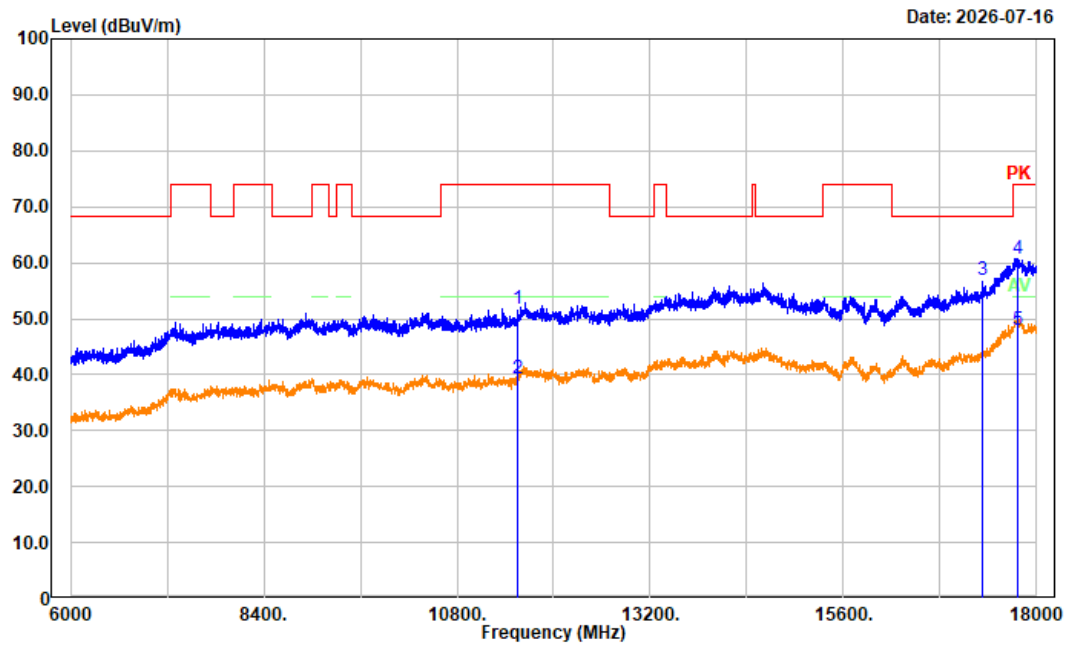
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5990.000	36.87	7.63	44.50	68.20	23.70	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ac80 Middle Channel 5775MHz Band 4



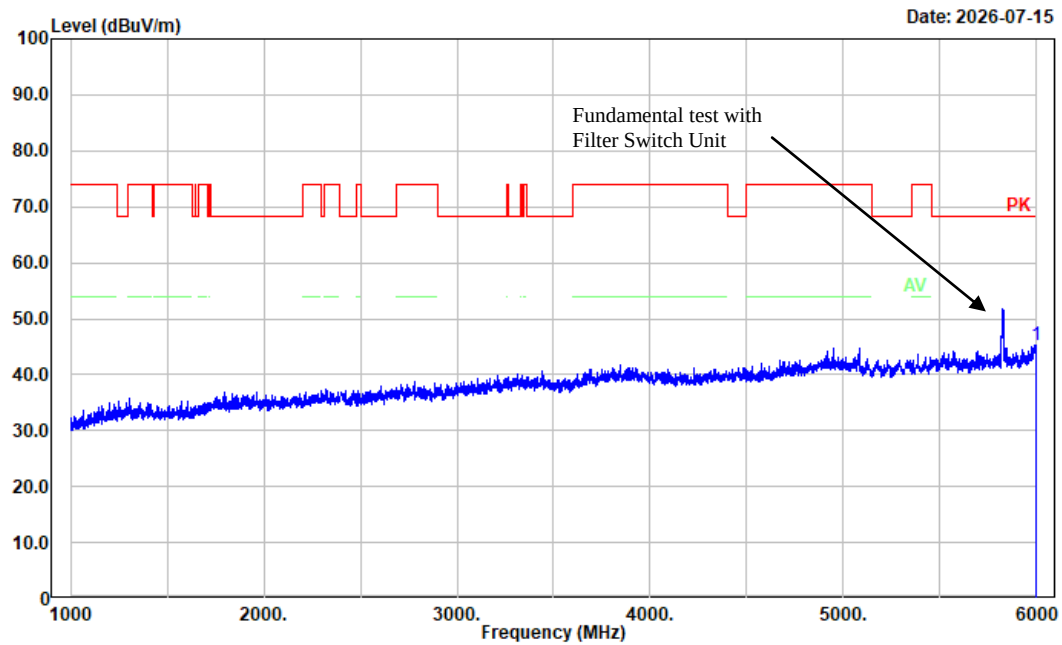
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11550.000	38.64	14.24	52.88	74.00	21.12	Peak
2	11550.000	24.85	14.24	39.09	54.00	14.91	Average
3	17325.000	38.76	17.70	56.46	68.20	11.74	Peak
4	17762.400	40.09	21.22	61.31	74.00	12.69	Peak
5	17762.400	26.66	21.22	47.88	54.00	6.12	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ac80 Middle Channel 5775MHz Band 4



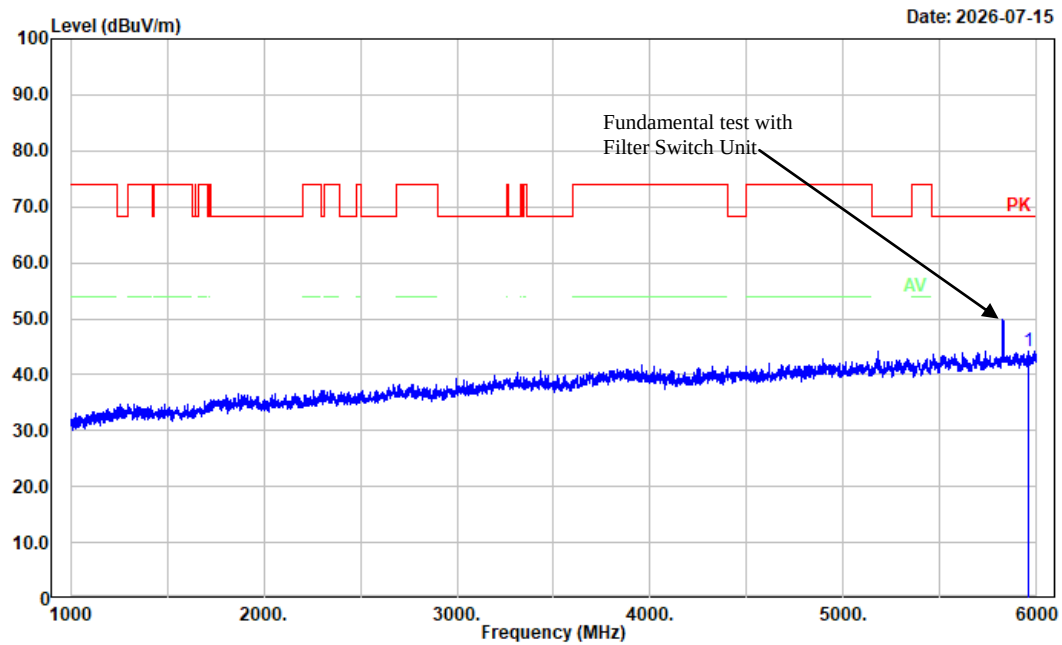
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11550.000	37.49	14.24	51.73	74.00	22.27	Peak
2	11550.000	25.09	14.24	39.33	54.00	14.67	Average
3	17325.000	39.26	17.70	56.96	68.20	11.24	Peak
4	17757.600	39.58	21.20	60.78	74.00	13.22	Peak
5	17757.600	26.69	21.20	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax20 High Channel 5825MHz Band 4



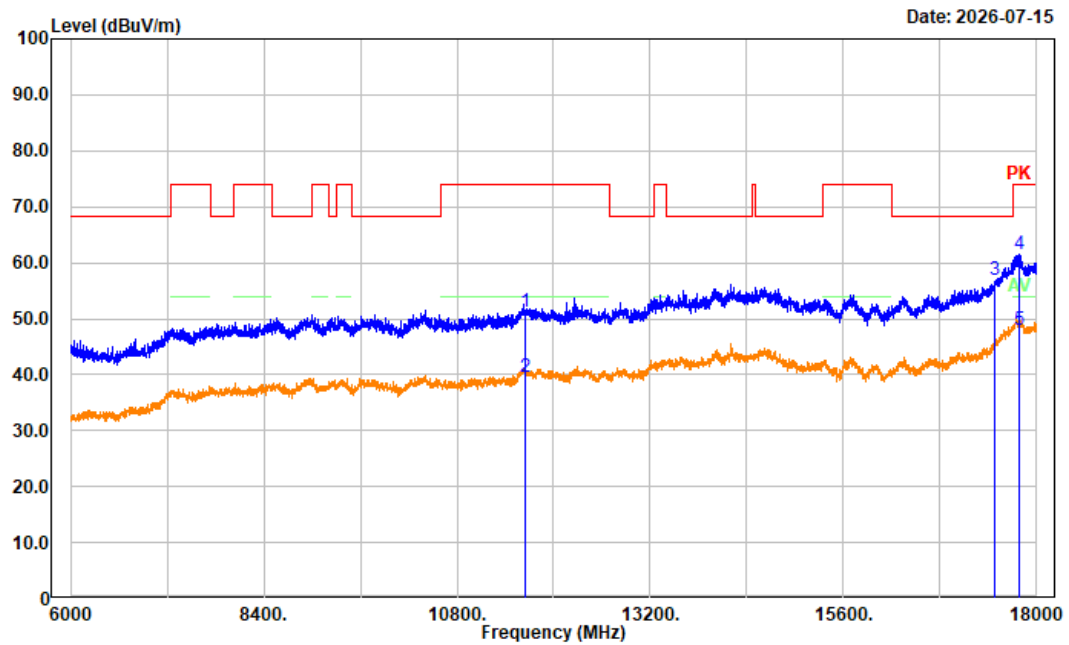
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5998.000	37.55	7.71	45.26	68.20	22.94	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax20 High Channel 5825MHz Band 4



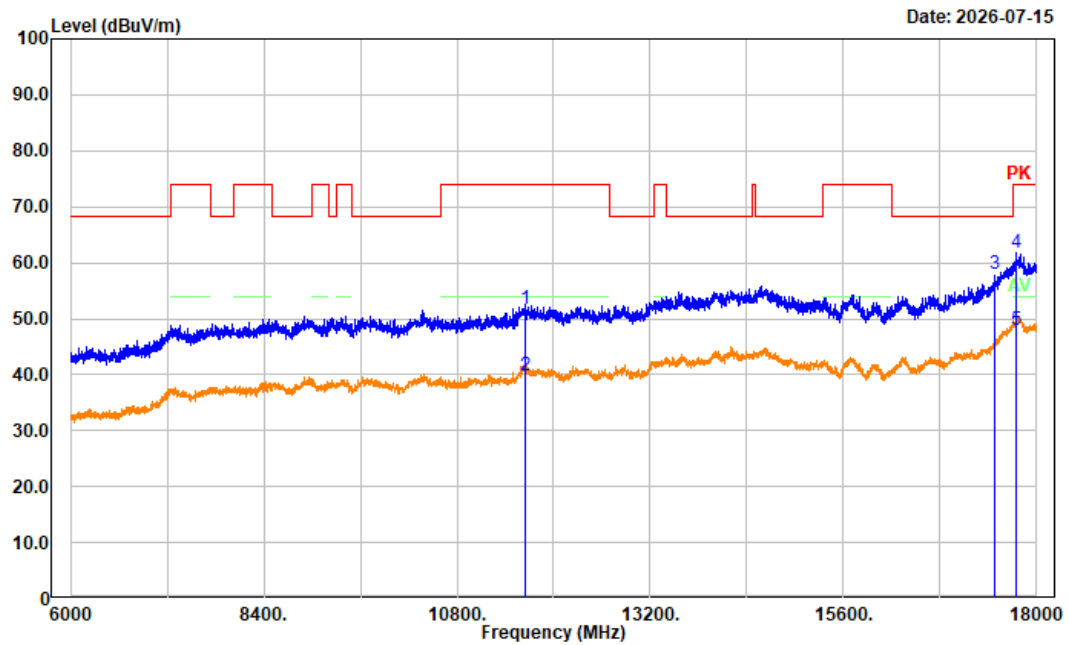
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5958.000	36.98	7.32	44.30	68.20	23.90	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax20 High Channel 5825MHz Band 4



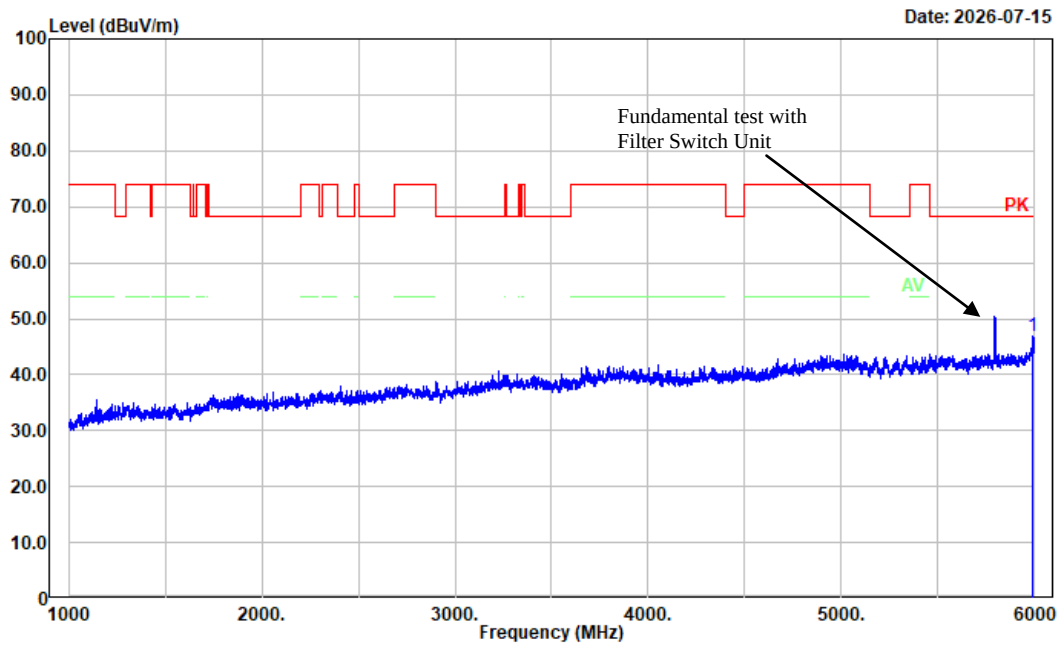
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11650.000	36.80	14.49	51.29	74.00	22.71	Peak
2	11650.000	25.13	14.49	39.62	54.00	14.38	Average
3	17475.000	38.07	18.94	57.01	68.20	11.19	Peak
4	17776.800	40.13	21.27	61.40	74.00	12.60	Peak
5	17776.800	26.62	21.27	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax20 High Channel 5825MHz Band 4



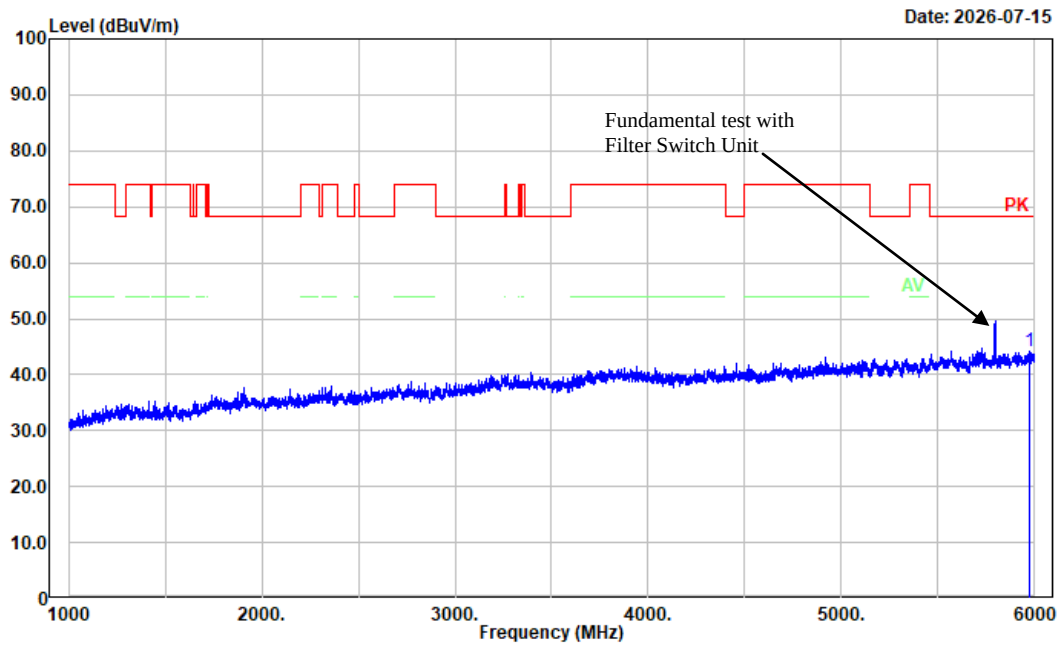
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11650.000	37.34	14.49	51.83	74.00	22.17	Peak
2	11650.000	25.39	14.49	39.88	54.00	14.12	Average
3	17475.000	38.95	18.94	57.89	68.20	10.31	Peak
4	17745.600	40.55	21.17	61.72	74.00	12.28	Peak
5	17745.600	26.74	21.17	47.91	54.00	6.09	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: horizontal
Note: 5G WiFi ax40 High Channel 5795MHz Band 4



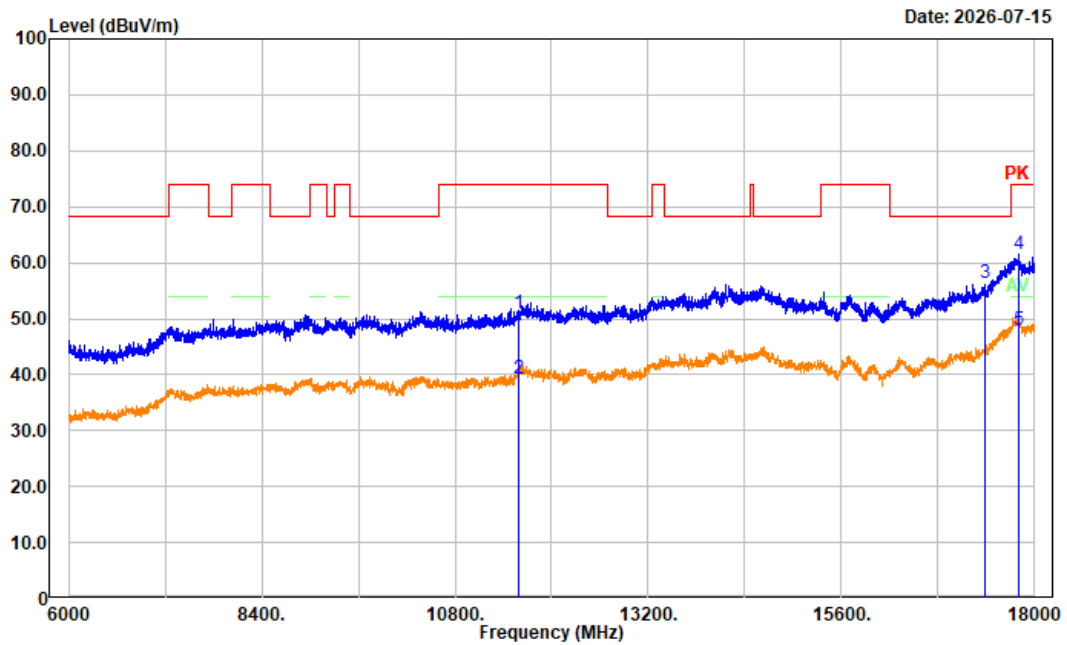
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5990.000	39.16	7.63	46.79	68.20	21.41	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz
Polarization: vertical
Note: 5G WiFi ax40 High Channel 5795MHz Band 4



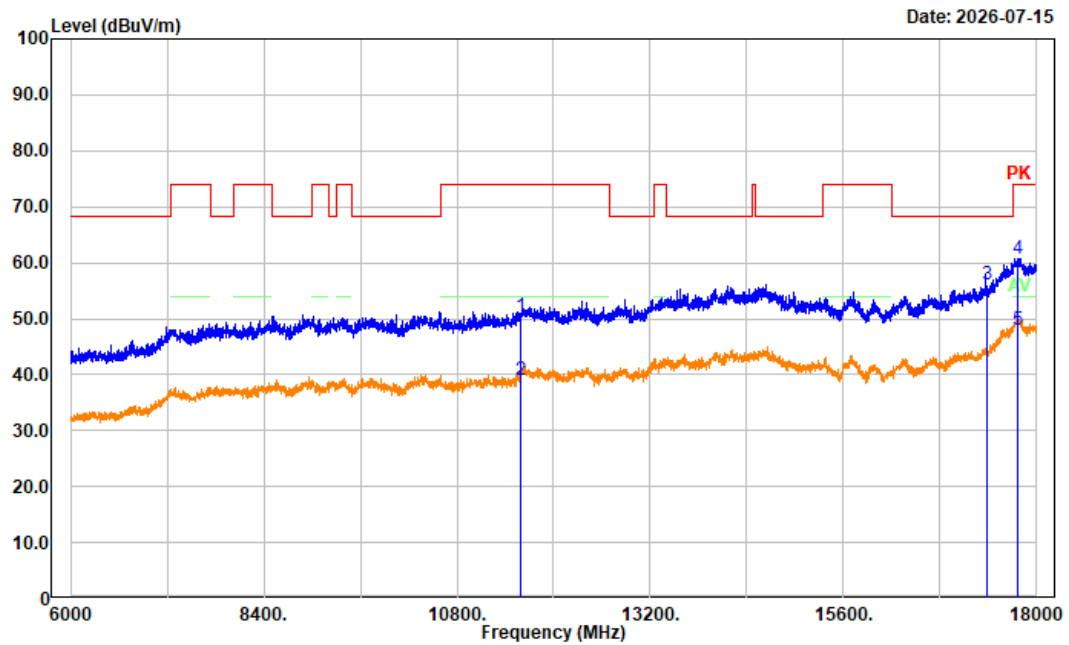
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5970.000	36.80	7.43	44.23	68.20	23.97	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax40 High Channel 5795MHz Band 4



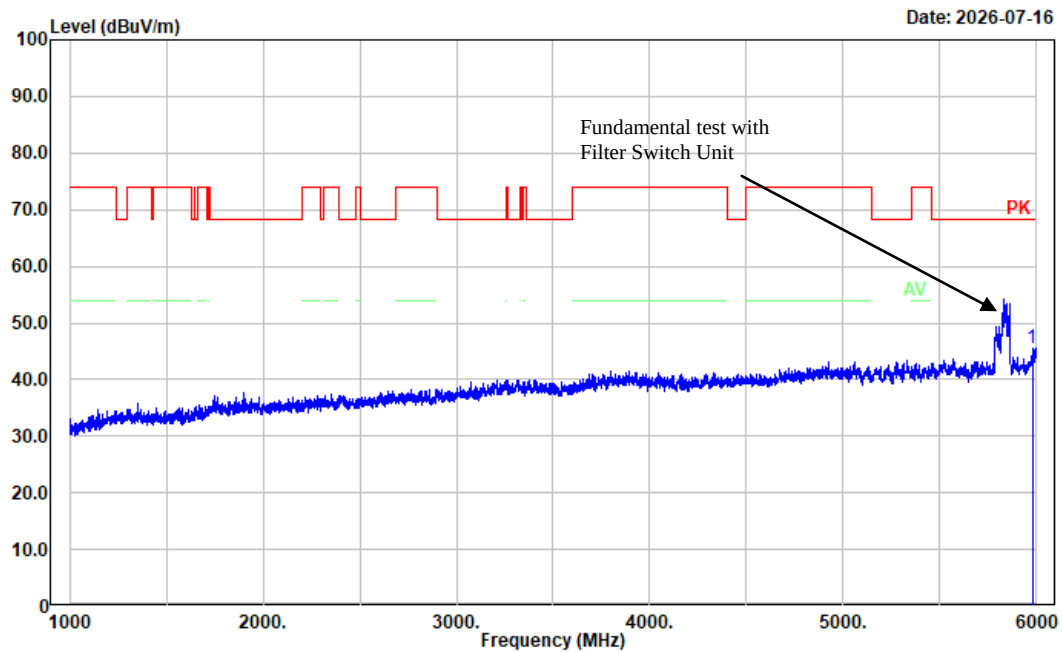
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11590.000	36.39	14.43	50.82	74.00	23.18	Peak
2	11590.000	24.80	14.43	39.23	54.00	14.77	Average
3	17385.000	38.14	18.26	56.40	68.20	11.80	Peak
4	17805.600	40.09	21.36	61.45	74.00	12.55	Peak
5	17805.600	26.49	21.36	47.85	54.00	6.15	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax40 High Channel 5795MHz Band 4



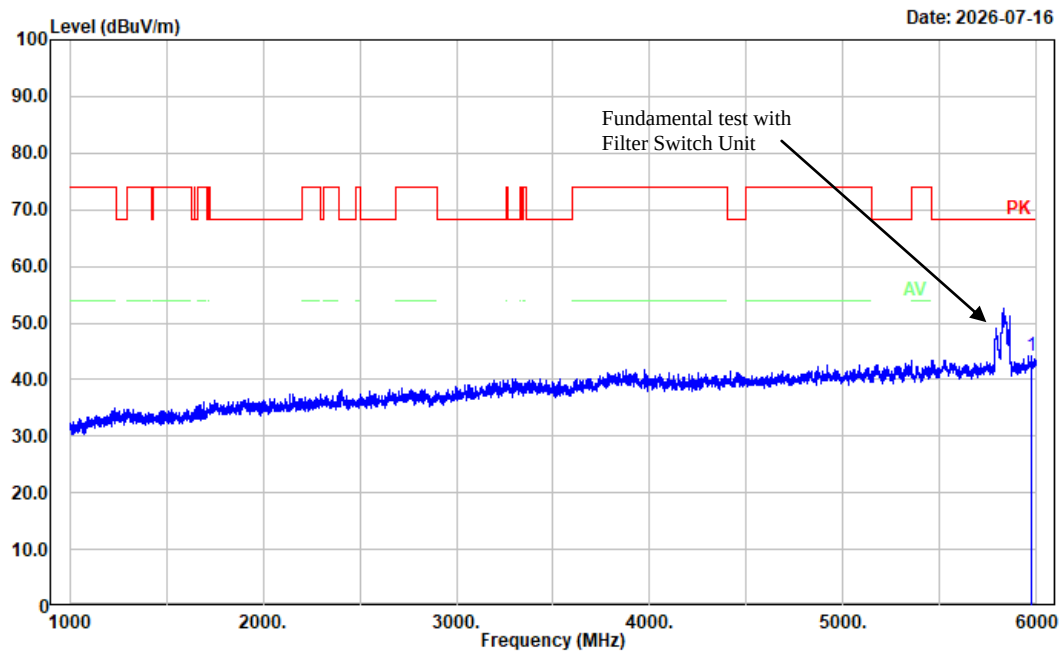
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11590.000	35.90	14.43	50.33	74.00	23.67	Peak
2	11590.000	24.68	14.43	39.11	54.00	14.89	Average
3	17385.000	37.91	18.26	56.17	68.20	12.03	Peak
4	17762.400	39.53	21.22	60.75	74.00	13.25	Peak
5	17762.400	26.67	21.22	47.89	54.00	6.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: horizontal
Note: 5G WiFi ax80 Middle Channel 5775MHz Band 4



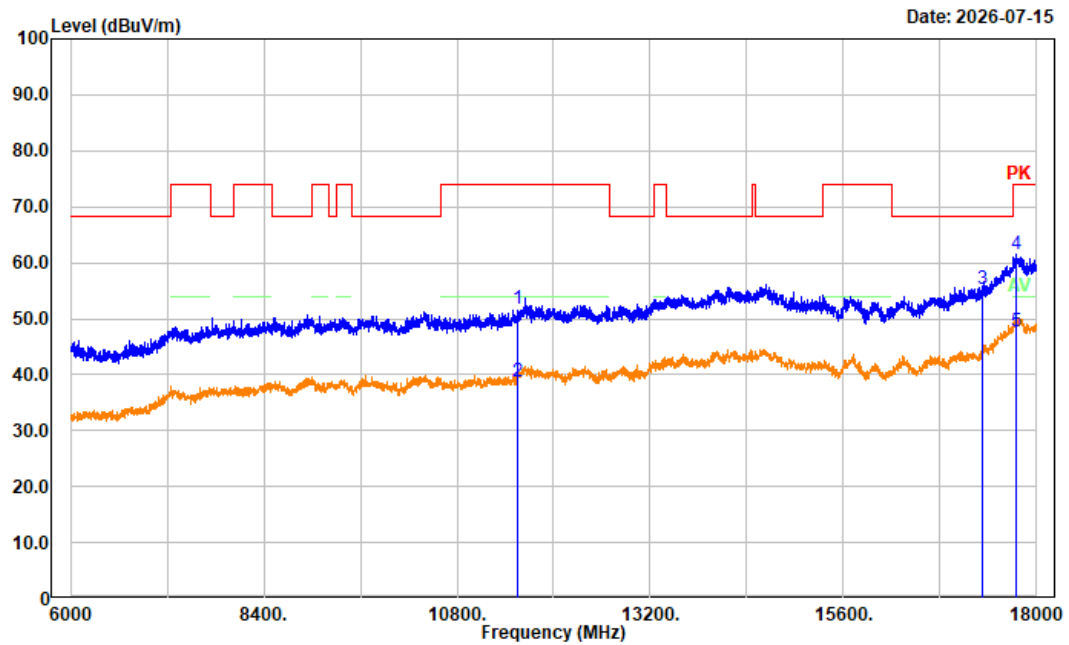
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5977.000	37.96	7.50	45.46	68.20	22.74	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz;
Polarization: vertical
Note: 5G WiFi ax80 Middle Channel 5775MHz Band 4



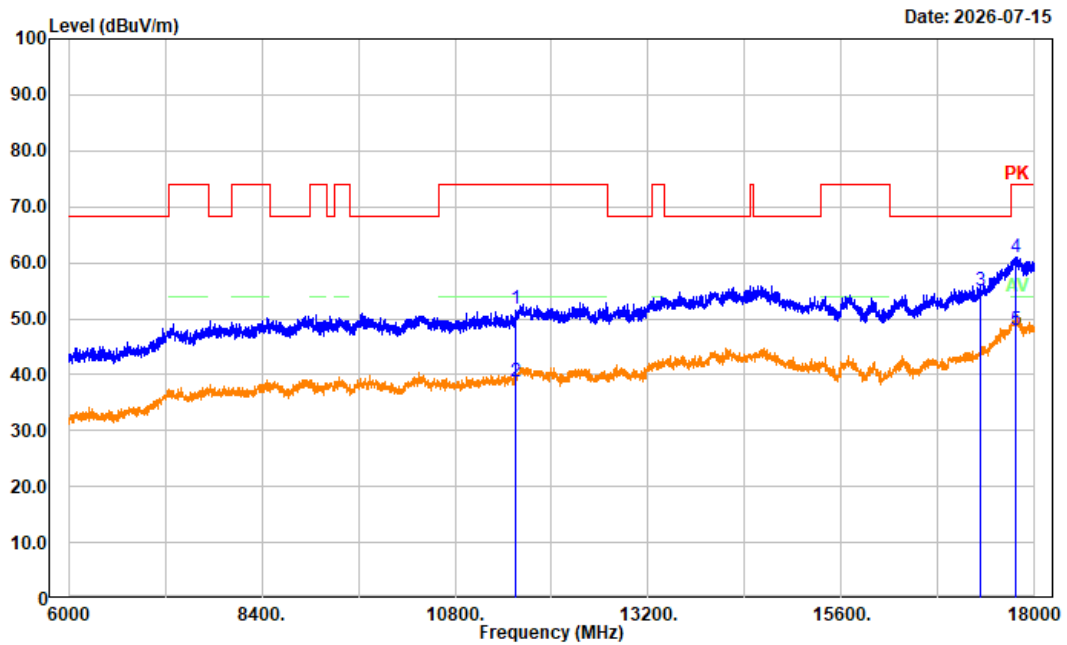
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	5971.000	36.64	7.45	44.09	68.20	24.11	Peak

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: horizontal
Note: 5G WiFi ax80 Middle Channel 5775MHz Band 4



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11550.000	37.61	14.24	51.85	74.00	22.15	Peak
2	11550.000	24.63	14.24	38.87	54.00	15.13	Average
3	17325.000	37.61	17.70	55.31	68.20	12.89	Peak
4	17748.000	40.37	21.17	61.54	74.00	12.46	Peak
5	17748.000	26.62	21.17	47.79	54.00	6.21	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi ax80 Middle Channel 5775MHz Band 4

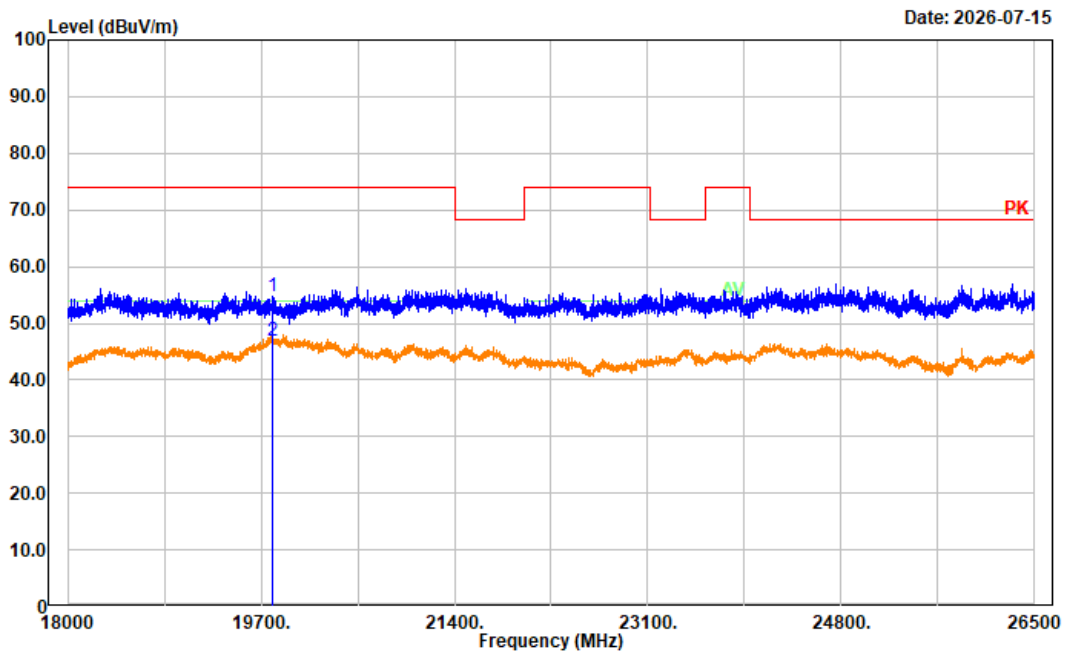


No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	11550.000	37.49	14.24	51.73	74.00	22.27	Peak
2	11550.000	24.57	14.24	38.81	54.00	15.19	Average
3	17325.000	37.42	17.70	55.12	68.20	13.08	Peak
4	17767.200	39.73	21.24	60.97	74.00	13.03	Peak
5	17767.200	26.67	21.24	47.91	54.00	6.09	Average

18-40GHz:

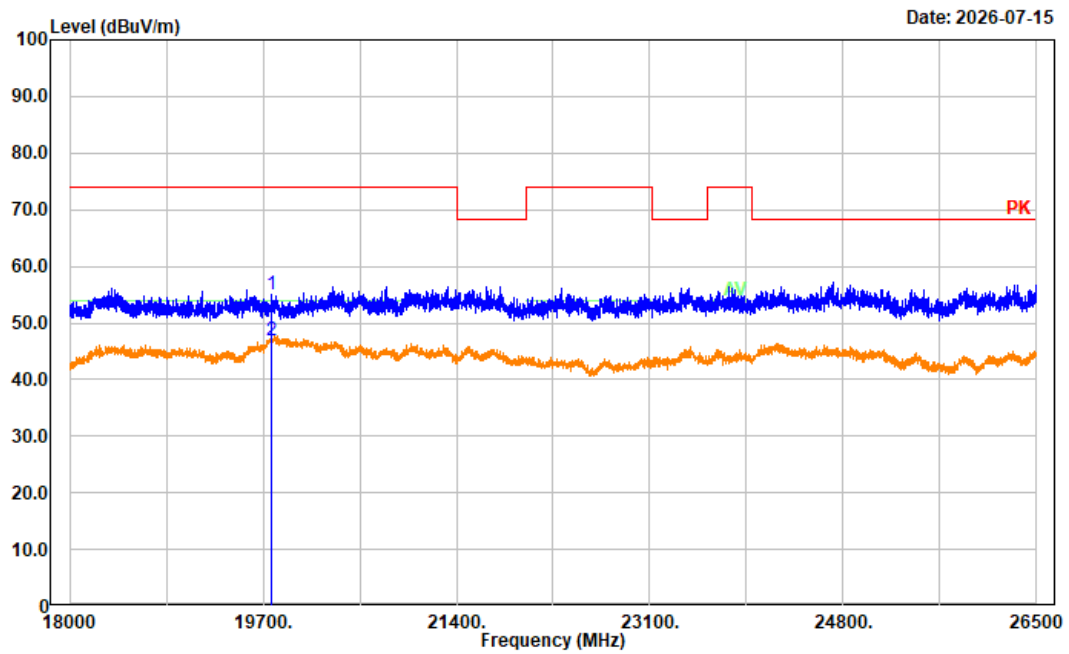
Note: for 18- 40 GHz range, test was performed on the maximum power mode.

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



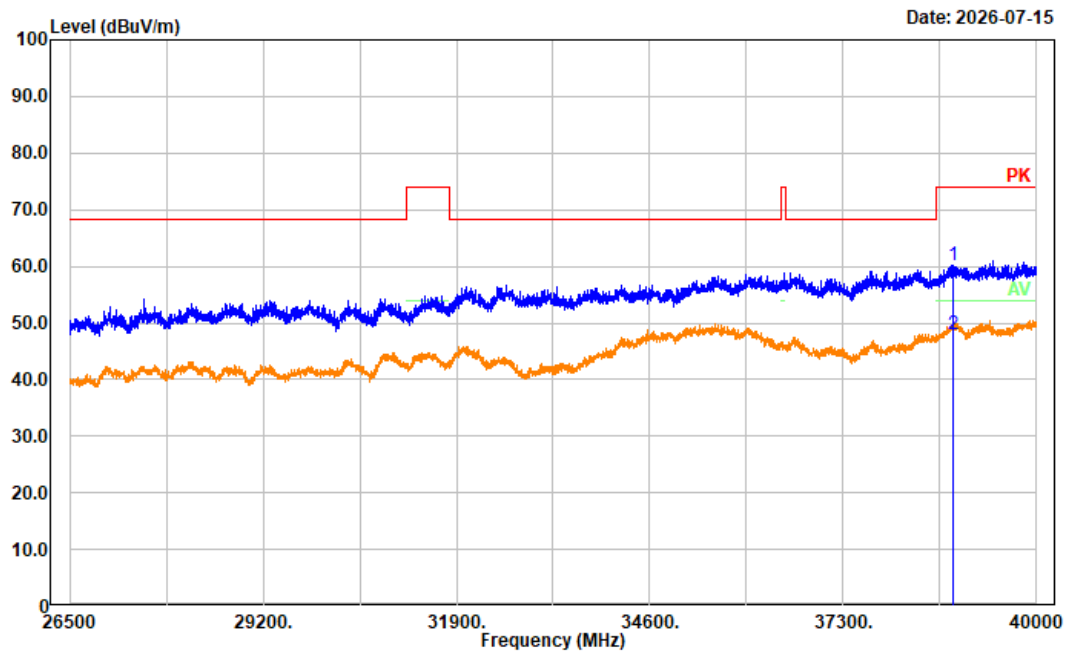
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	19795.200	50.13	4.55	54.68	74.00	19.32	Peak
2	19795.200	42.43	4.55	46.98	54.00	7.02	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



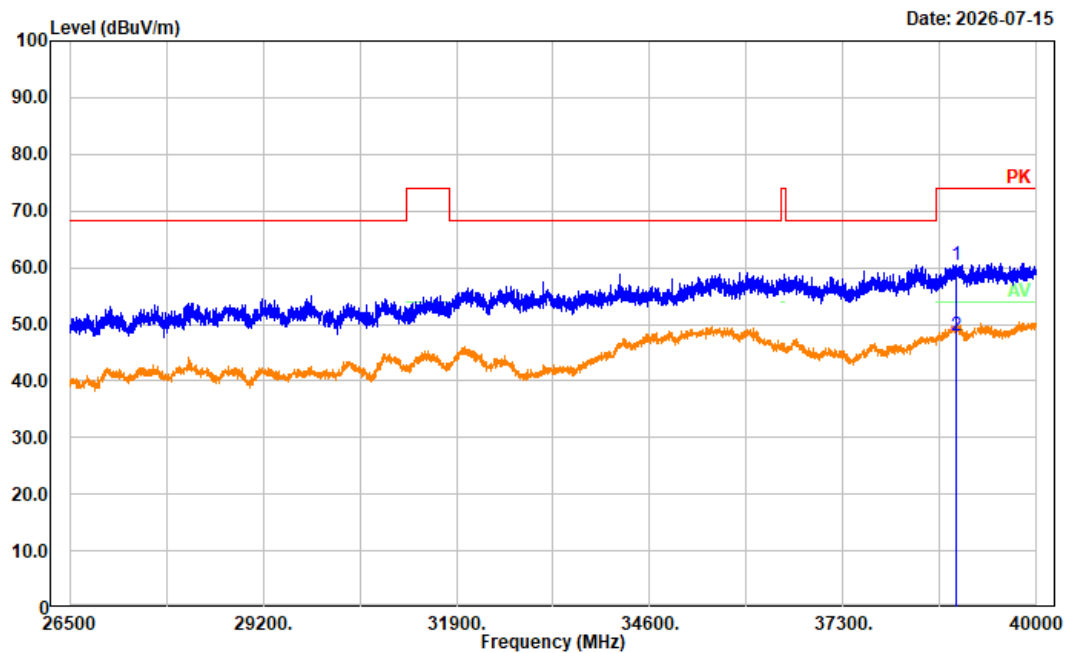
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	19779.900	48.30	6.70	55.00	74.00	19.00	Peak
2	19779.900	40.15	6.70	46.85	54.00	7.15	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	38841.700	50.76	9.39	60.15	74.00	13.85	Peak
2	38841.700	38.52	9.39	47.91	54.00	6.09	Average

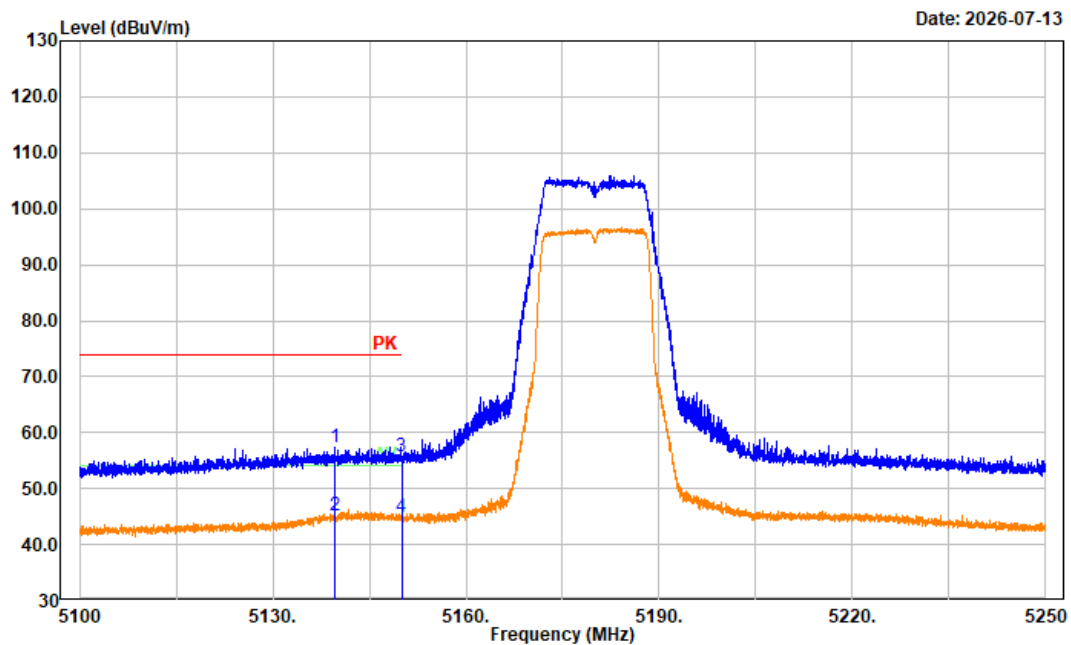
Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	38874.100	51.84	8.64	60.48	74.00	13.52	Peak
2	38874.100	39.34	8.64	47.98	54.00	6.02	Average

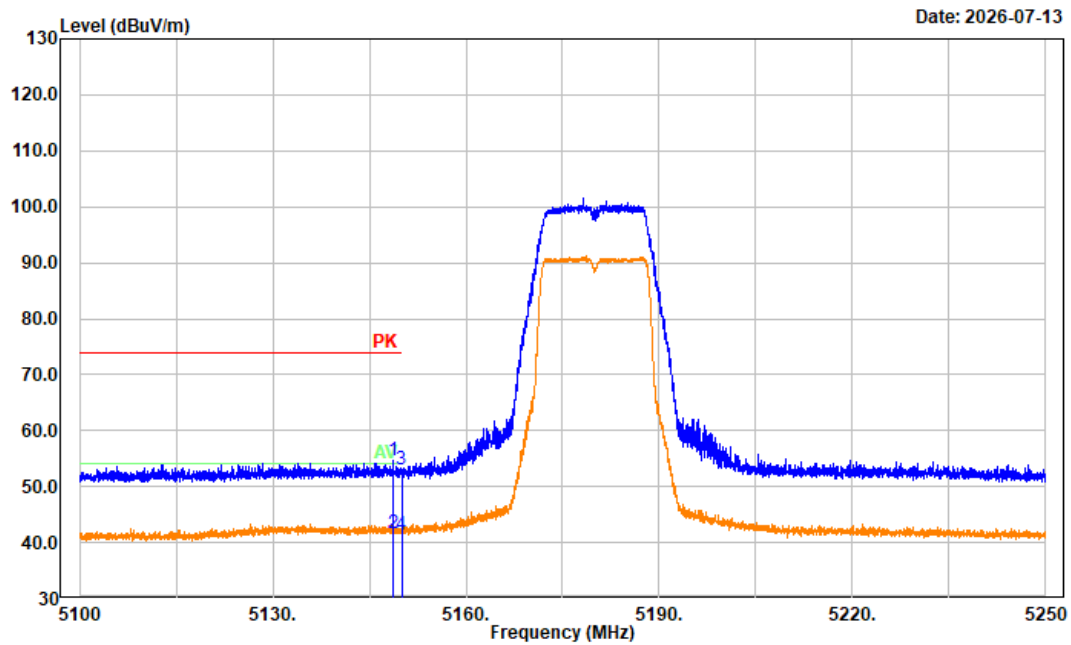
Band edge test plots

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a Low Channel 5180MHz Chain 0 Band 1



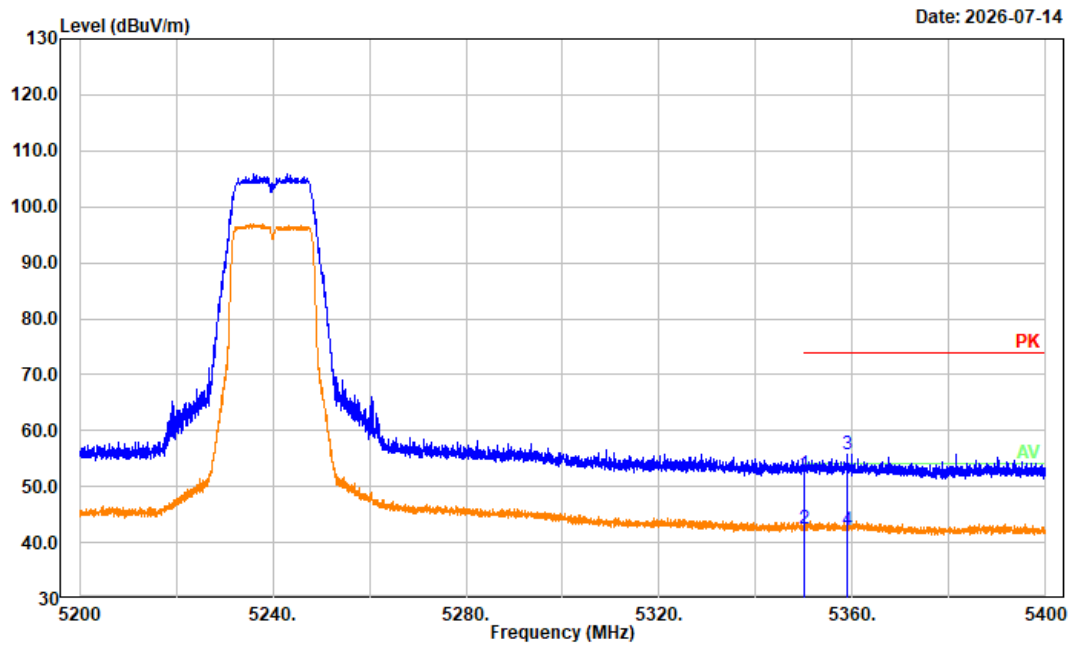
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5139.720	51.62	5.79	57.41	74.00	16.59	Peak
2	5139.720	39.34	5.79	45.13	54.00	8.87	Average
3	5150.000	49.88	5.83	55.71	74.00	18.29	Peak
4	5150.000	39.19	5.83	45.02	54.00	8.98	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: vertical
Note: 5G WiFi a Low Channel 5180MHz Chain 0 Band 1



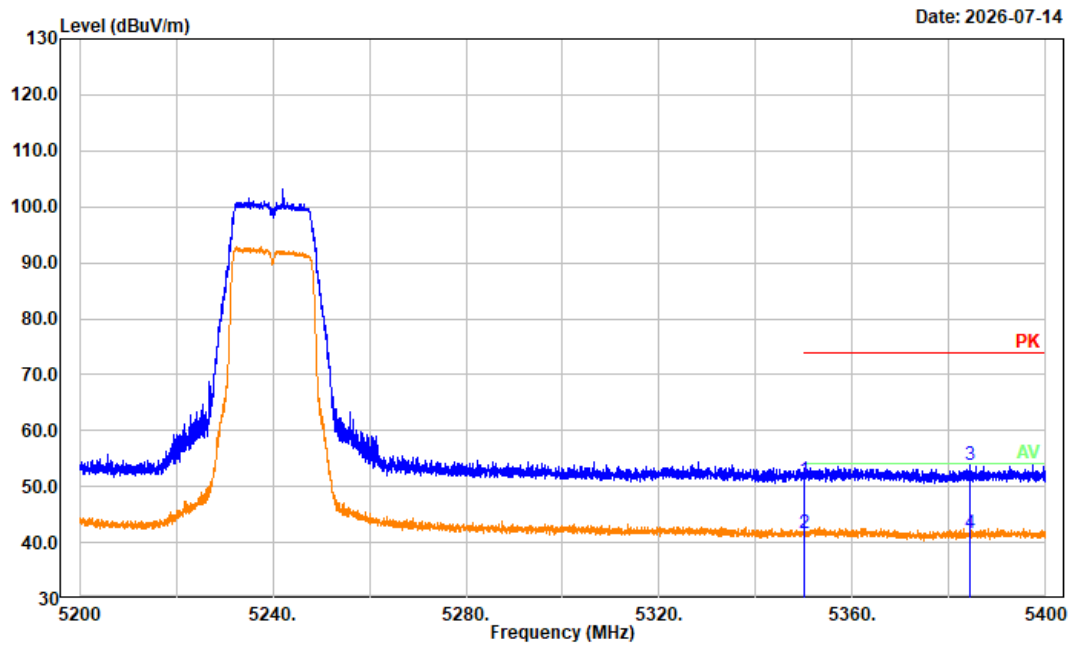
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5148.750	48.93	5.82	54.75	74.00	19.25	Peak
2	5148.750	35.71	5.82	41.53	54.00	12.47	Average
3	5150.000	47.18	5.83	53.01	74.00	20.99	Peak
4	5150.000	35.64	5.83	41.47	54.00	12.53	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a High Channel 5240MHz Chain 0 Band 1



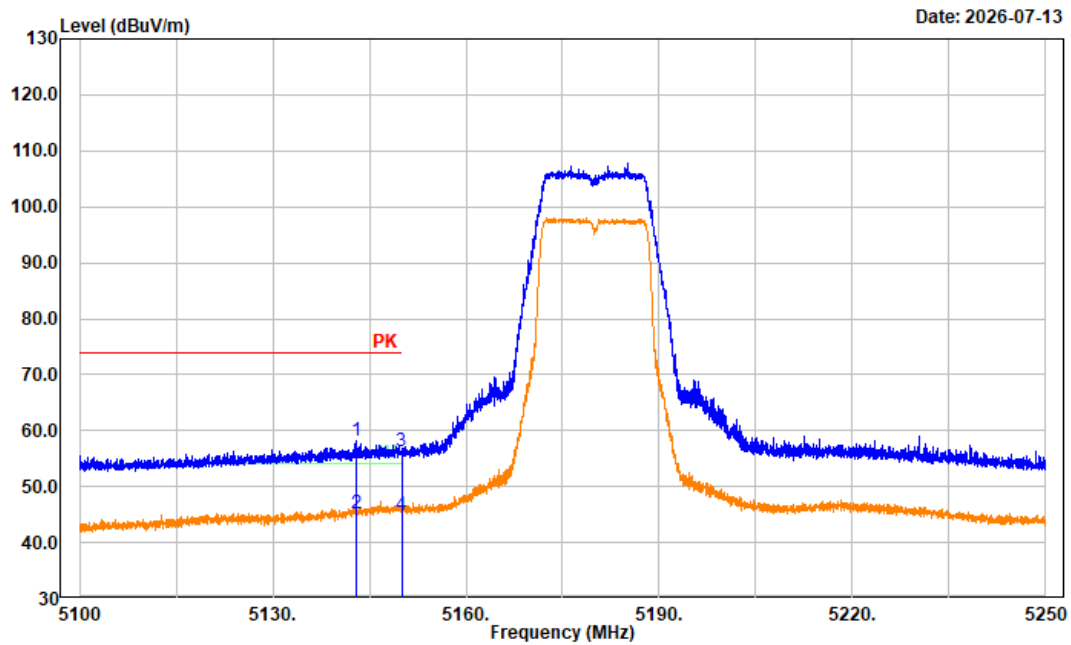
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	45.90	6.43	52.33	74.00	21.67	Peak
2	5350.000	35.94	6.43	42.37	54.00	11.63	Average
3	5359.000	49.41	6.44	55.85	74.00	18.15	Peak
4	5359.000	35.81	6.44	42.25	54.00	11.75	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a High Channel 5240MHz Chain 0 Band 1



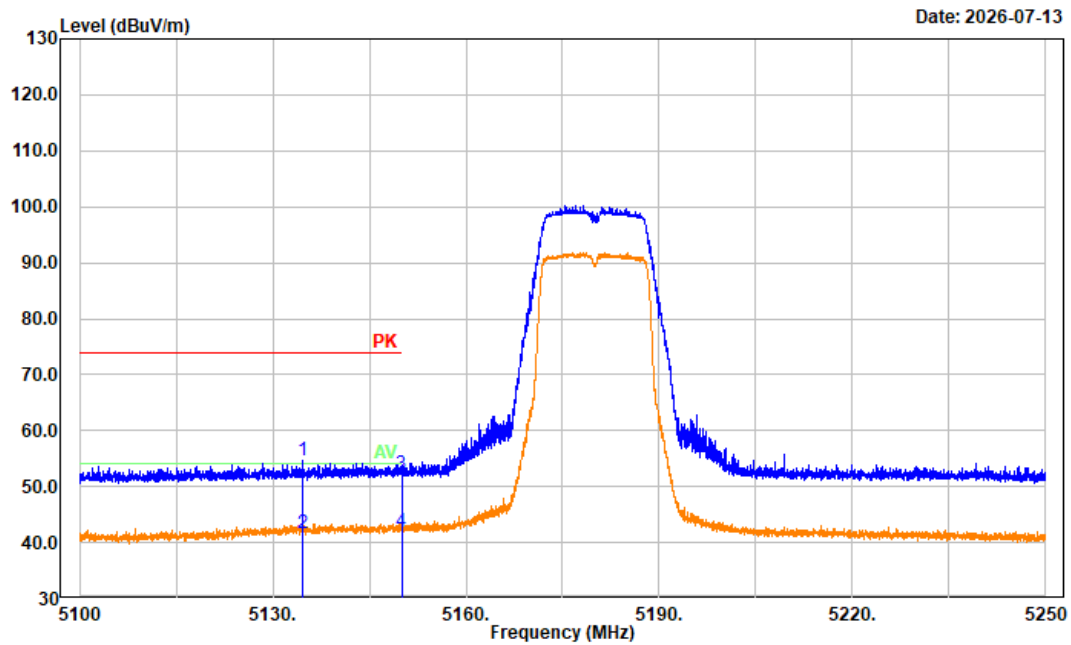
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	44.78	6.43	51.21	74.00	22.79	Peak
2	5350.000	35.28	6.43	41.71	54.00	12.29	Average
3	5384.240	47.28	6.44	53.72	74.00	20.28	Peak
4	5384.240	35.12	6.44	41.56	54.00	12.44	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a Low Channel 5180MHz Chain 1 Band 1



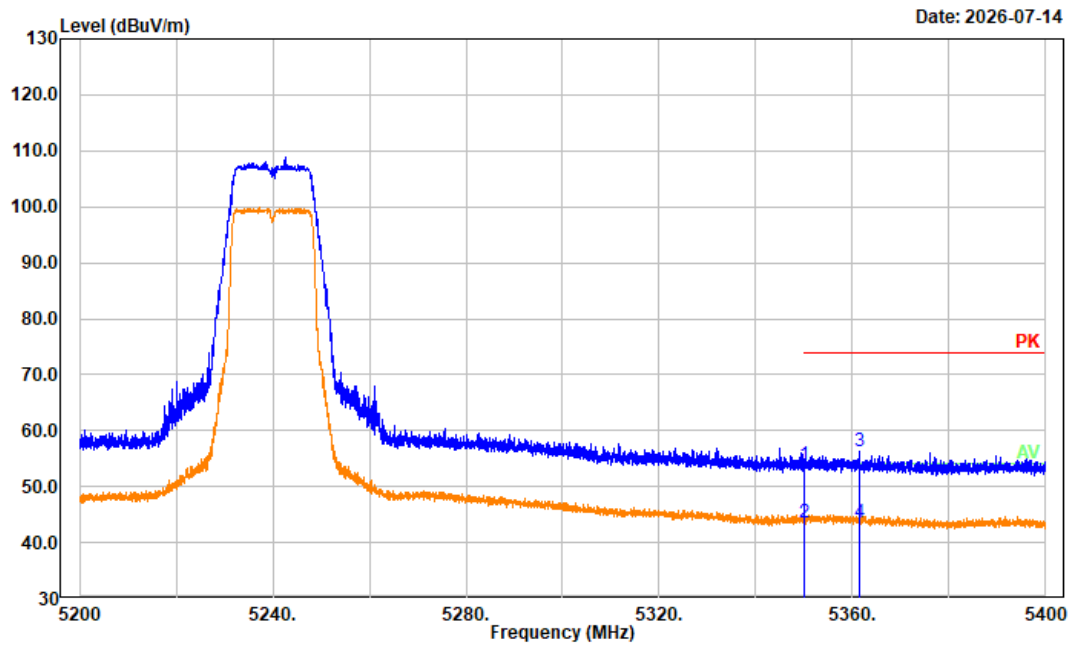
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5142.930	52.33	5.80	58.13	74.00	15.87	Peak
2	5142.930	39.33	5.80	45.13	54.00	8.87	Average
3	5150.000	50.42	5.83	56.25	74.00	17.75	Peak
4	5150.000	39.06	5.83	44.89	54.00	9.11	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a Low Channel 5180MHz Chain 1 Band 1



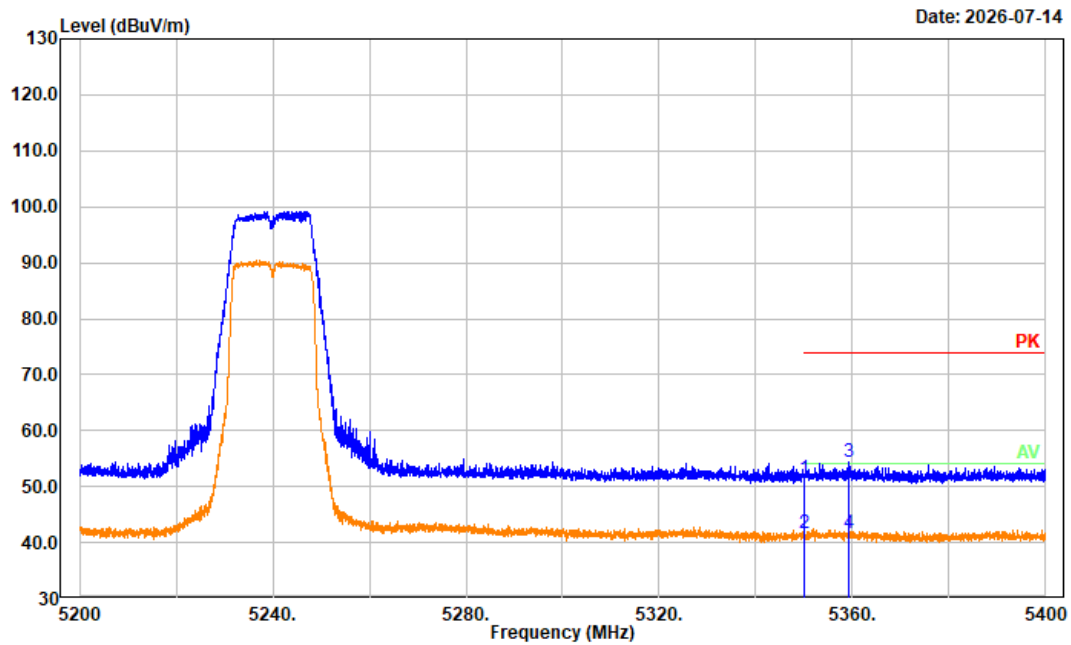
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5134.620	48.76	5.77	54.53	74.00	19.47	Peak
2	5134.620	35.80	5.77	41.57	54.00	12.43	Average
3	5150.000	46.43	5.83	52.26	74.00	21.74	Peak
4	5150.000	35.99	5.83	41.82	54.00	12.18	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a High Channel 5240MHz Chain 1 Band 1



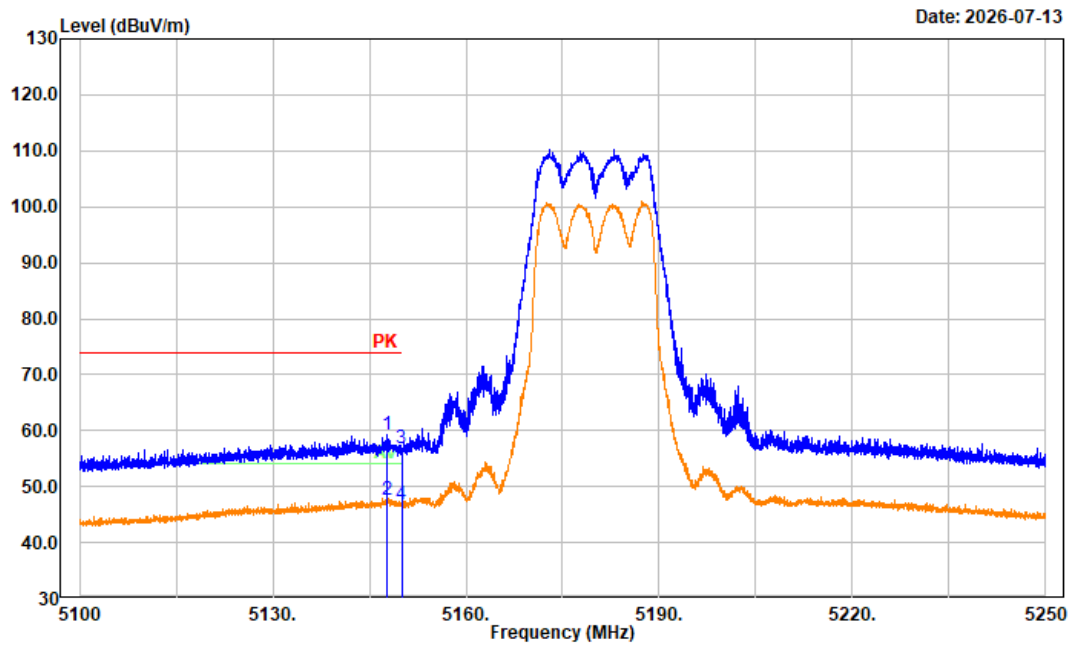
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	47.46	6.43	53.89	74.00	20.11	Peak
2	5350.000	37.19	6.43	43.62	54.00	10.38	Average
3	5361.520	49.75	6.43	56.18	74.00	17.82	Peak
4	5361.520	37.08	6.43	43.51	54.00	10.49	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a High Channel 5240MHz Chain 1 Band 1



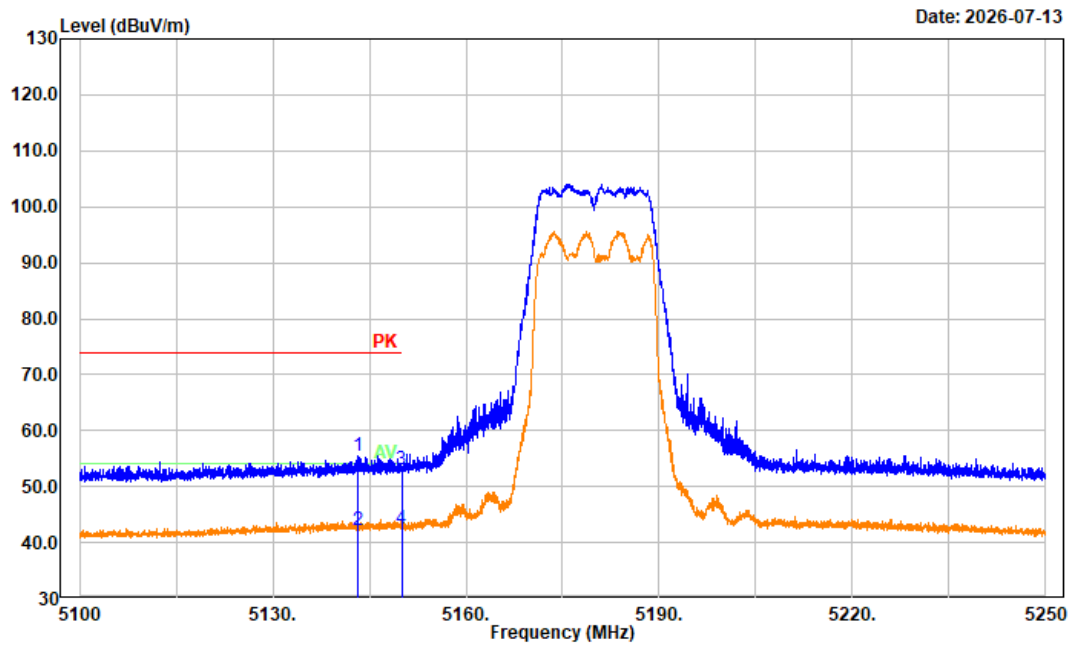
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	44.97	6.43	51.40	74.00	22.60	Peak
2	5350.000	35.27	6.43	41.70	54.00	12.30	Average
3	5359.280	47.87	6.44	54.31	74.00	19.69	Peak
4	5359.280	35.18	6.44	41.62	54.00	12.38	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac20 Low Channel 5180MHz Band 1



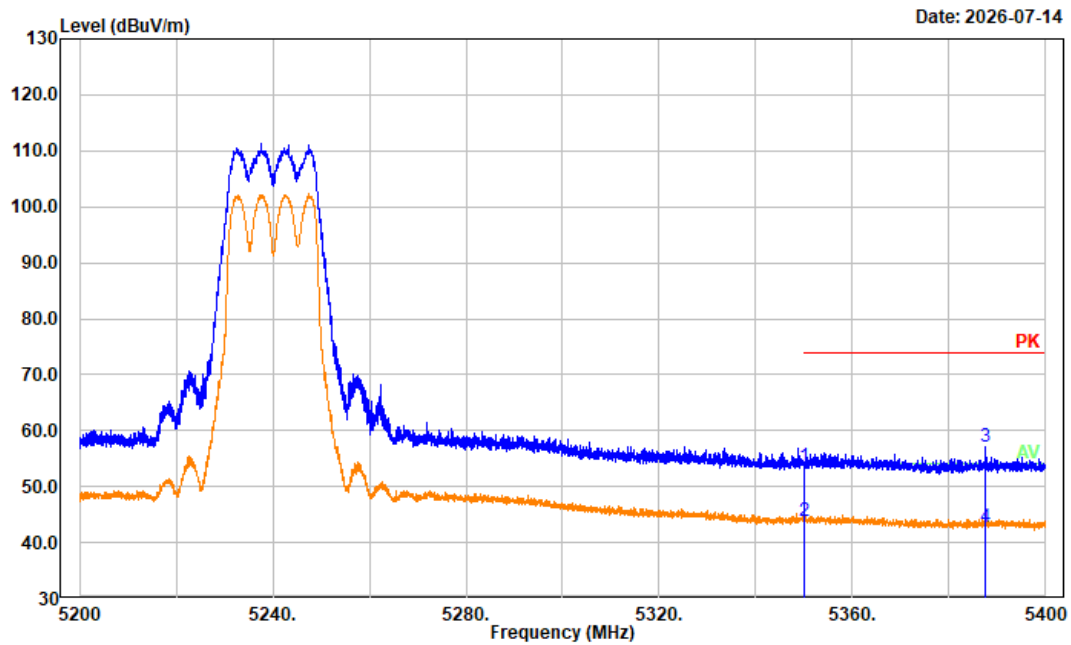
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5147.790	53.55	5.82	59.37	74.00	14.63	Peak
2	5147.790	41.69	5.82	47.51	54.00	6.49	Average
3	5150.000	50.95	5.83	56.78	74.00	17.22	Peak
4	5150.000	40.85	5.83	46.68	54.00	7.32	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac20 Low Channel 5180MHz Band 1



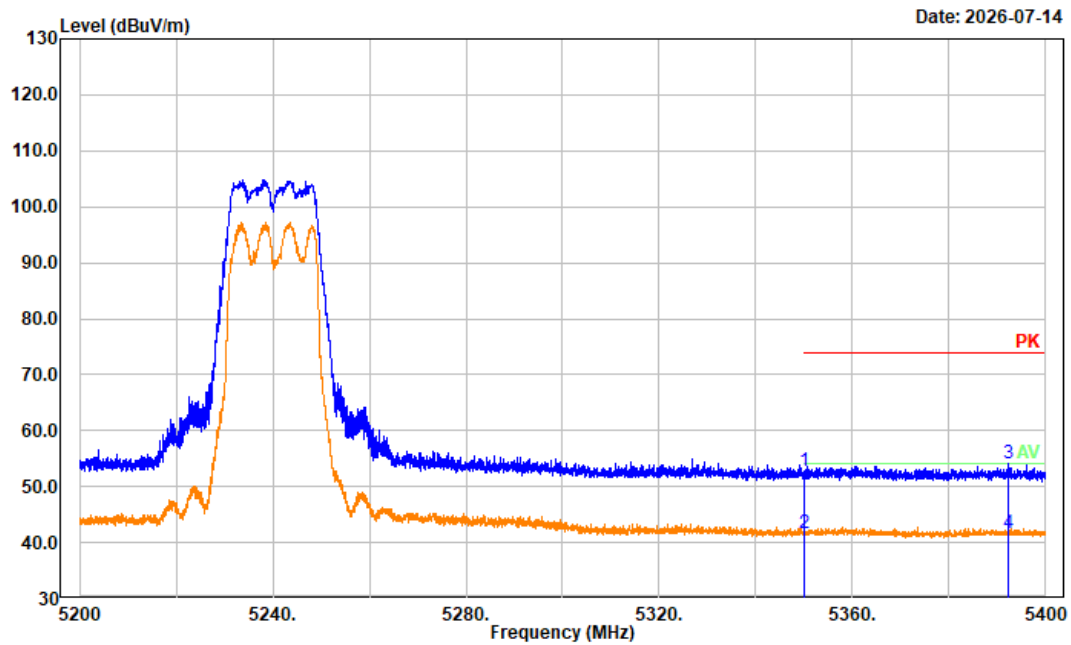
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5143.110	49.71	5.80	55.51	74.00	18.49	Peak
2	5143.110	36.31	5.80	42.11	54.00	11.89	Average
3	5150.000	47.26	5.83	53.09	74.00	20.91	Peak
4	5150.000	36.52	5.83	42.35	54.00	11.65	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac20 High Channel 5240MHz Band 1



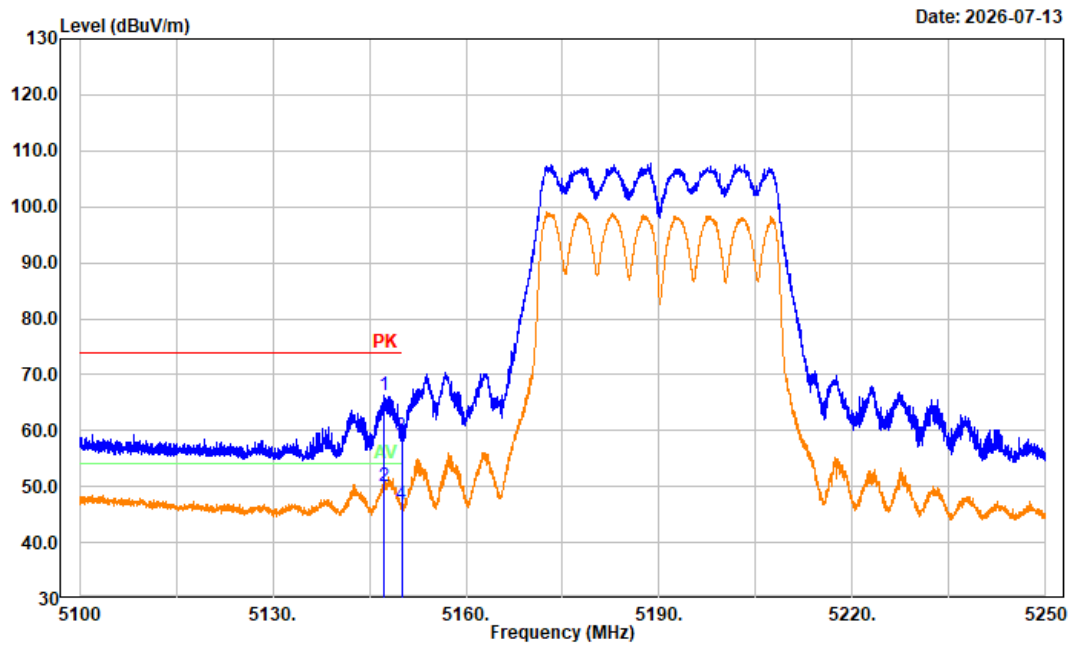
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	47.26	6.43	53.69	74.00	20.31	Peak
2	5350.000	37.34	6.43	43.77	54.00	10.23	Average
3	5387.640	50.58	6.45	57.03	74.00	16.97	Peak
4	5387.640	36.39	6.45	42.84	54.00	11.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac20 High Channel 5240MHz Band 1



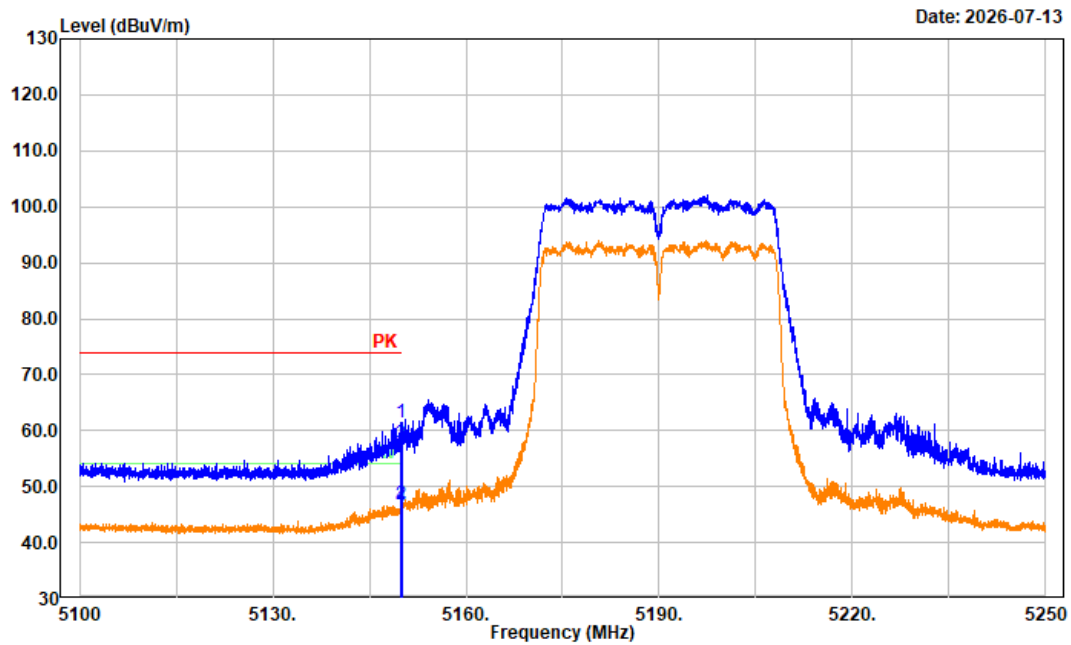
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	46.27	6.43	52.70	74.00	21.30	Peak
2	5350.000	35.14	6.43	41.57	54.00	12.43	Average
3	5392.120	47.76	6.45	54.21	74.00	19.79	Peak
4	5392.120	35.17	6.45	41.62	54.00	12.38	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac40 Low Channel 5190MHz Band 1



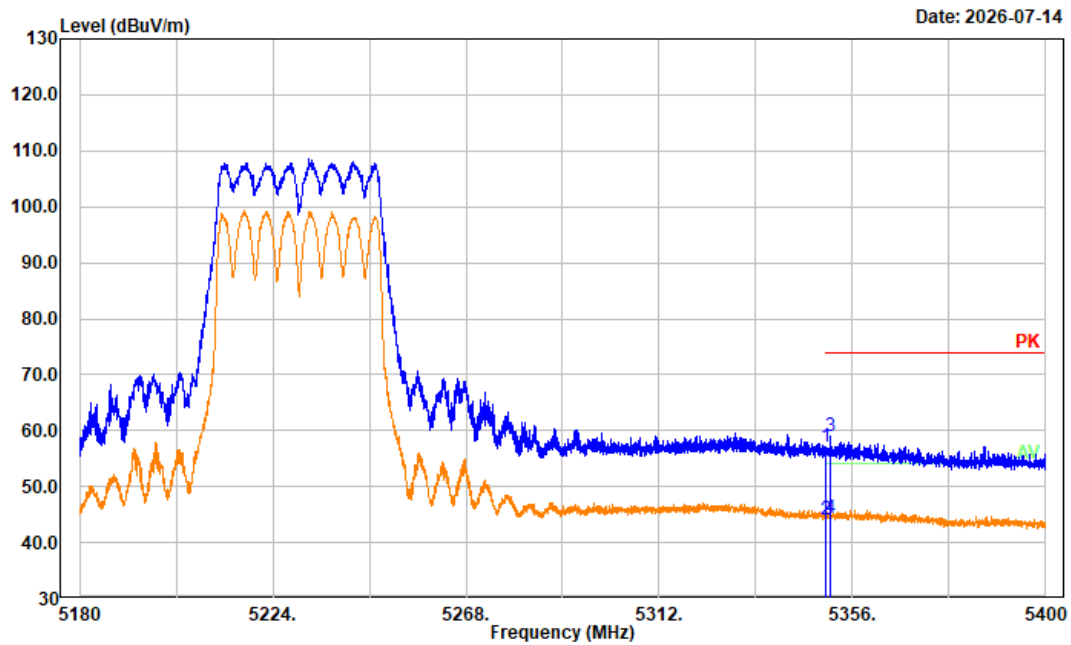
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5147.190	60.56	5.82	66.38	74.00	7.62	Peak
2	5147.190	44.31	5.82	50.13	54.00	3.87	Average
3	5150.000	53.25	5.83	59.08	74.00	14.92	Peak
4	5150.000	41.05	5.83	46.88	54.00	7.12	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac40 Low Channel 5190MHz Band 1



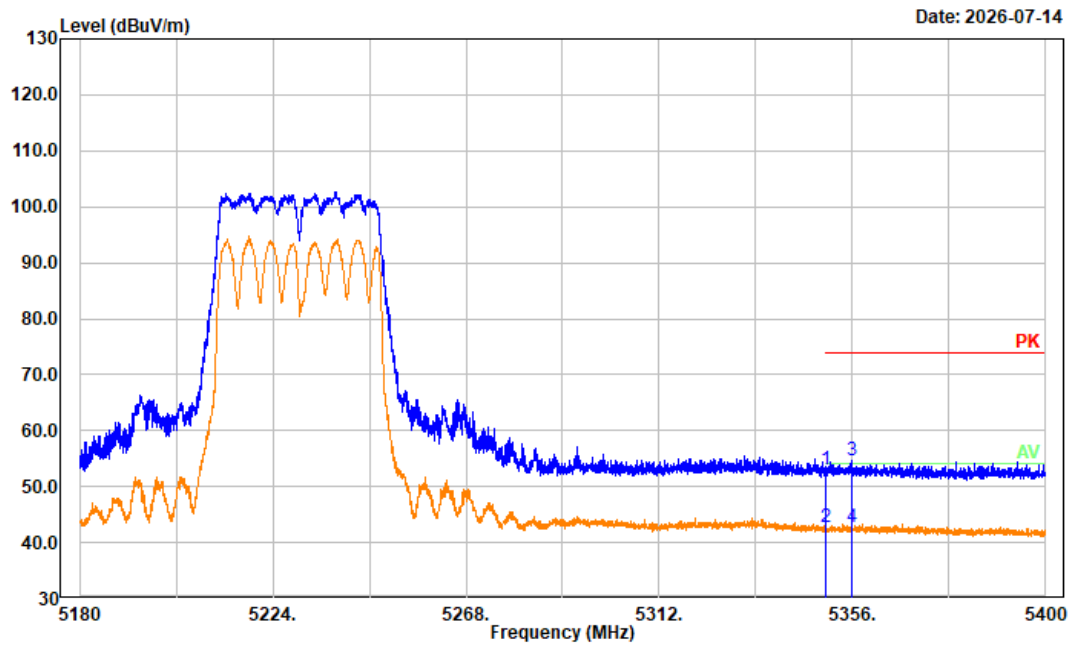
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5149.980	55.58	5.83	61.41	74.00	12.59	Peak
2	5149.980	40.88	5.83	46.71	54.00	7.29	Average
3	5150.000	51.89	5.83	57.72	74.00	16.28	Peak
4	5150.000	40.75	5.83	46.58	54.00	7.42	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac40 High Channel 5230MHz Band 1



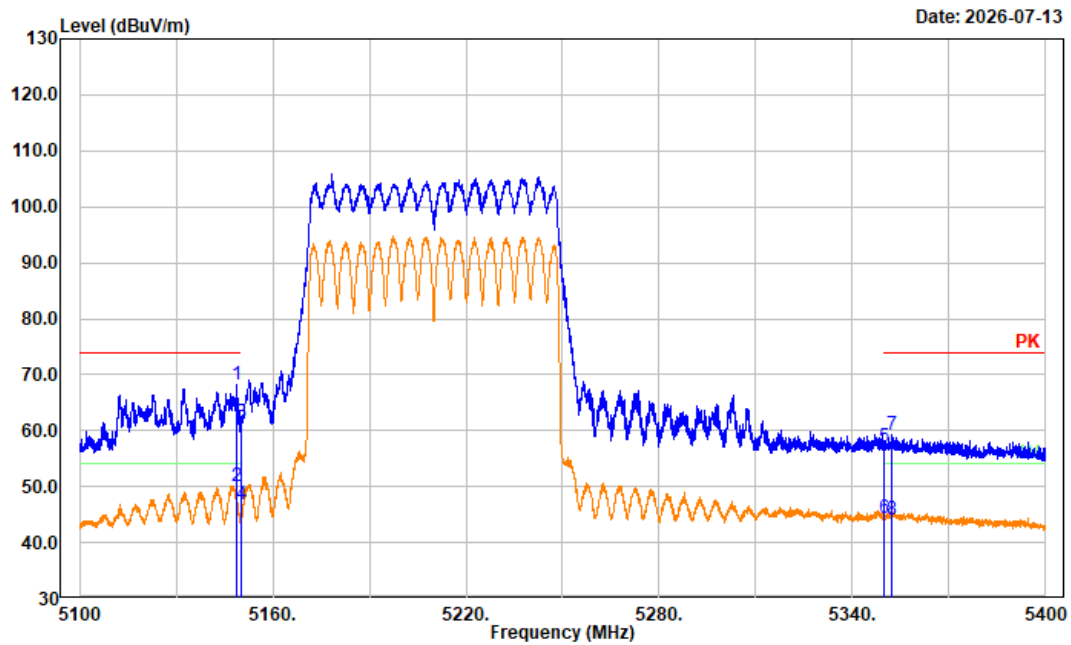
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	50.61	6.43	57.04	74.00	16.96	Peak
2	5350.000	37.69	6.43	44.12	54.00	9.88	Average
3	5350.852	52.53	6.43	58.96	74.00	15.04	Peak
4	5350.852	37.92	6.43	44.35	54.00	9.65	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac40 High Channel 5230MHz Band 1



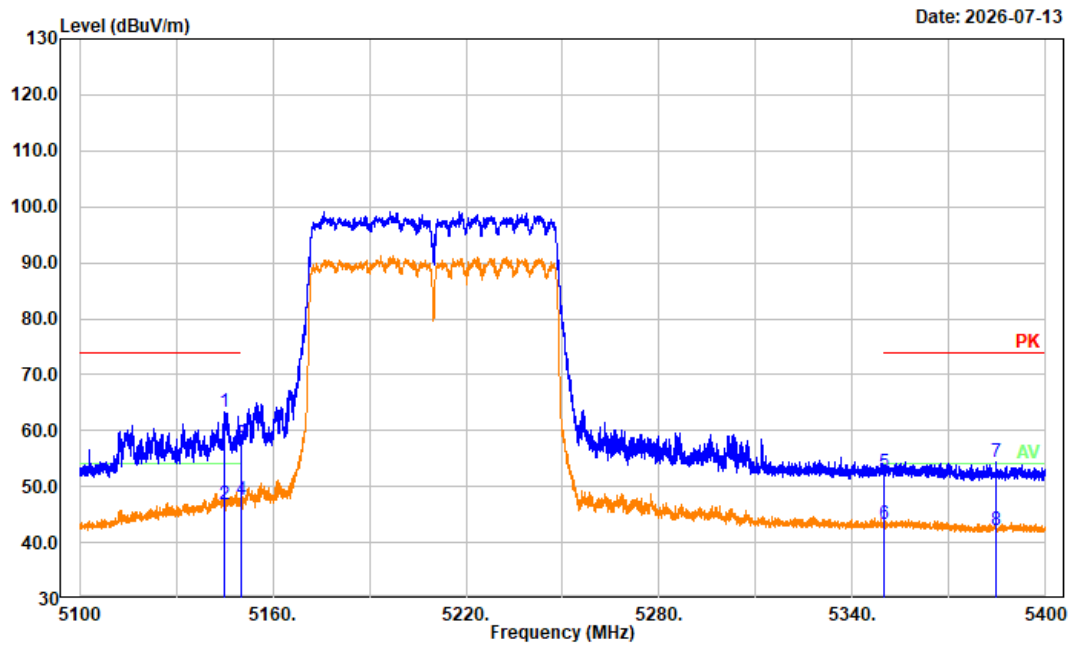
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	46.56	6.43	52.99	74.00	21.01	Peak
2	5350.000	36.44	6.43	42.87	54.00	11.13	Average
3	5355.912	48.22	6.43	54.65	74.00	19.35	Peak
4	5355.912	36.22	6.43	42.65	54.00	11.35	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac80 Middle Channel 5210MHz Band 1



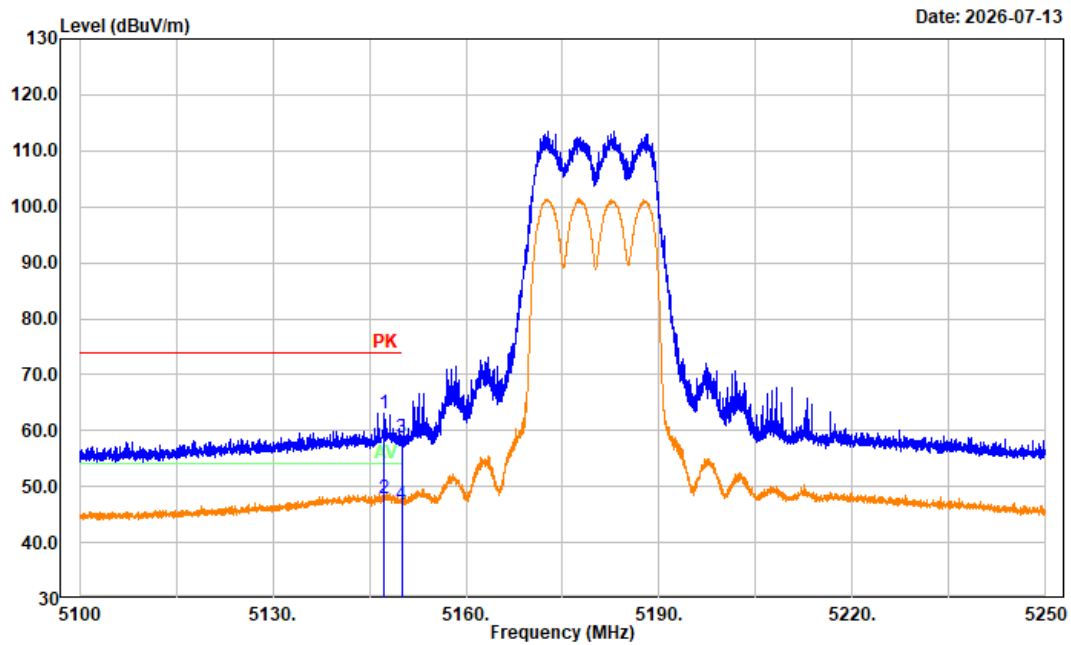
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5148.960	62.33	5.83	68.16	74.00	5.84	Peak
2	5148.960	44.30	5.83	50.13	54.00	3.87	Average
3	5150.000	55.61	5.83	61.44	74.00	12.56	Peak
4	5150.000	41.04	5.83	46.87	54.00	7.13	Average
5	5350.000	50.63	6.43	57.06	74.00	16.94	Peak
6	5350.000	37.80	6.43	44.23	54.00	9.77	Average
7	5352.060	52.73	6.43	59.16	74.00	14.84	Peak
8	5352.060	37.72	6.43	44.15	54.00	9.85	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac80 Middle Channel 5210MHz Band 1



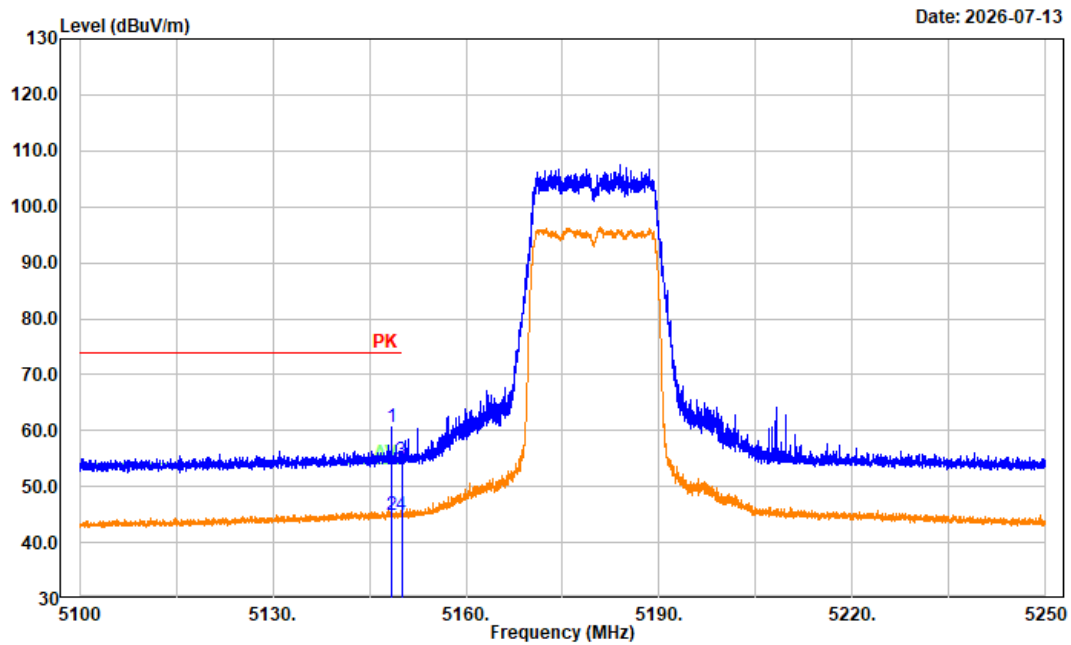
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5145.180	57.41	5.81	63.22	74.00	10.78	Peak
2	5145.180	41.06	5.81	46.87	54.00	7.13	Average
3	5150.000	51.88	5.83	57.71	74.00	16.29	Peak
4	5150.000	41.75	5.83	47.58	54.00	6.42	Average
5	5350.000	46.17	6.43	52.60	74.00	21.40	Peak
6	5350.000	36.80	6.43	43.23	54.00	10.77	Average
7	5384.700	47.94	6.44	54.38	74.00	19.62	Peak
8	5384.700	35.74	6.44	42.18	54.00	11.82	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax20 Low Channel 5180MHz Band 1



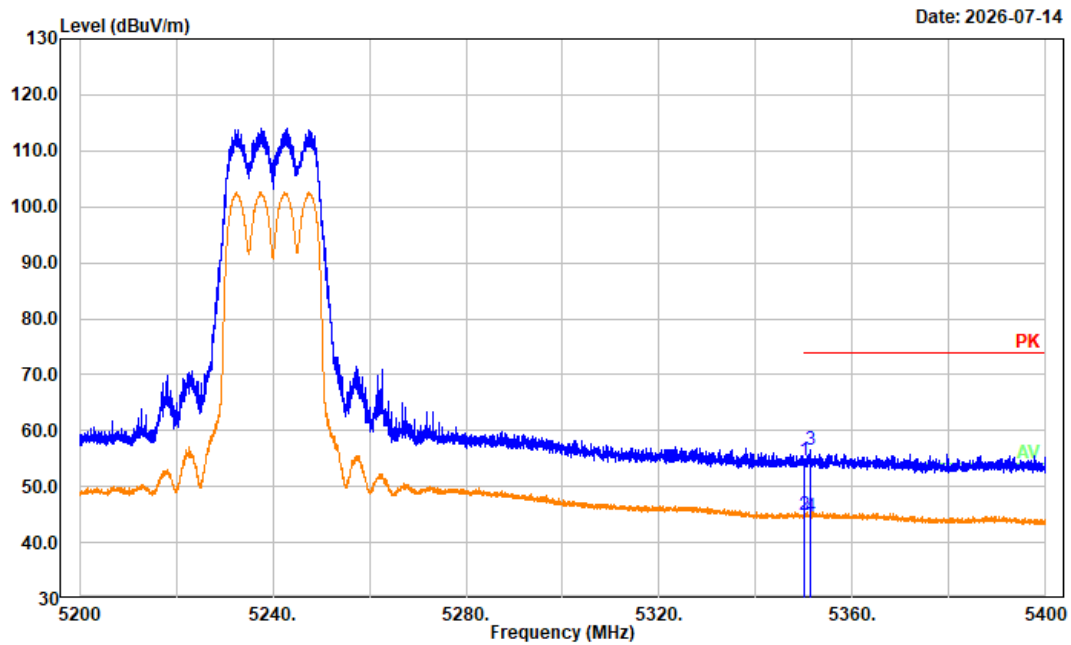
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5147.250	57.16	5.82	62.98	74.00	11.02	Peak
2	5147.250	42.16	5.82	47.98	54.00	6.02	Average
3	5150.000	53.00	5.83	58.83	74.00	15.17	Peak
4	5150.000	40.94	5.83	46.77	54.00	7.23	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax20 Low Channel 5180MHz Band 1



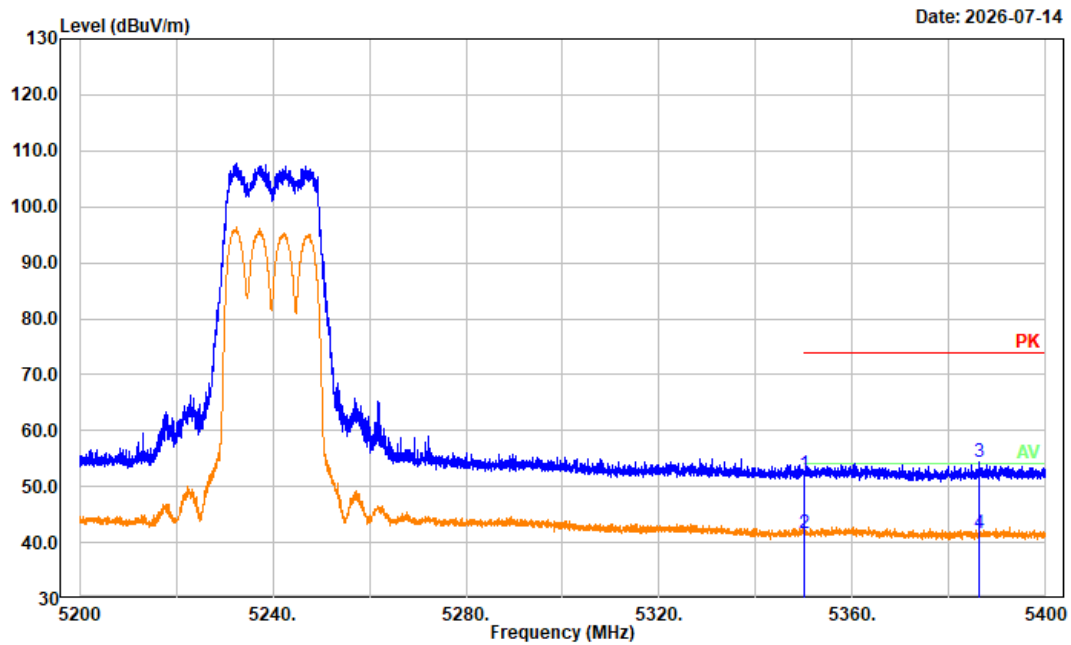
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5148.510	54.83	5.82	60.65	74.00	13.35	Peak
2	5148.510	38.97	5.82	44.79	54.00	9.21	Average
3	5150.000	48.93	5.83	54.76	74.00	19.24	Peak
4	5150.000	39.04	5.83	44.87	54.00	9.13	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax20 High Channel 5240MHz Band 1



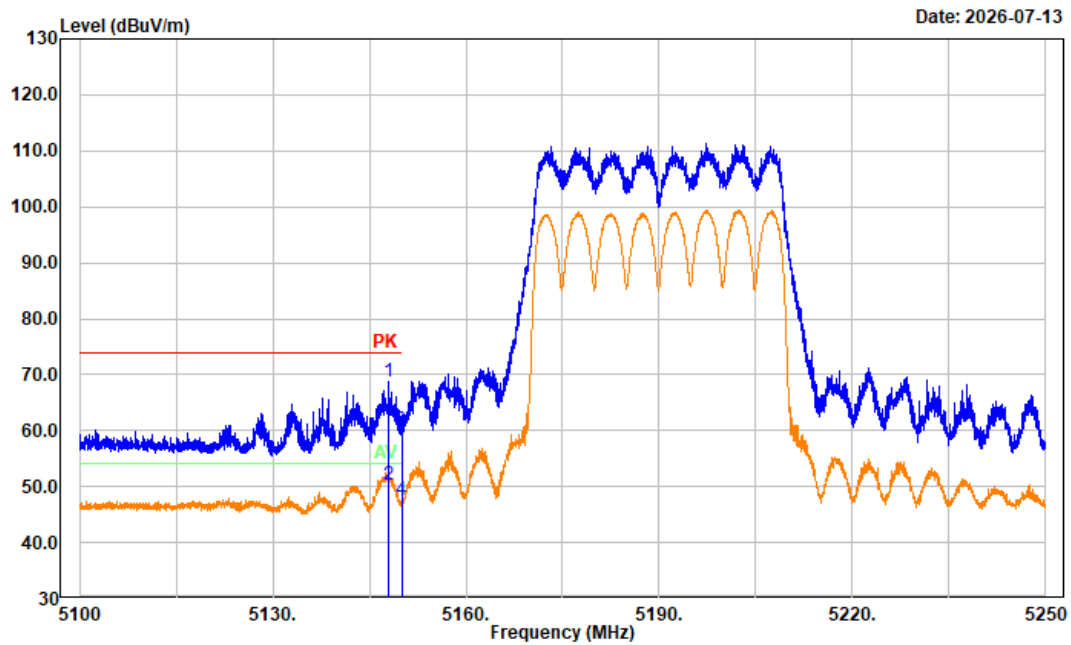
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	48.10	6.43	54.53	74.00	19.47	Peak
2	5350.000	38.35	6.43	44.78	54.00	9.22	Average
3	5351.160	50.07	6.43	56.50	74.00	17.50	Peak
4	5351.160	38.20	6.43	44.63	54.00	9.37	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax20 High Channel 5240MHz Band 1



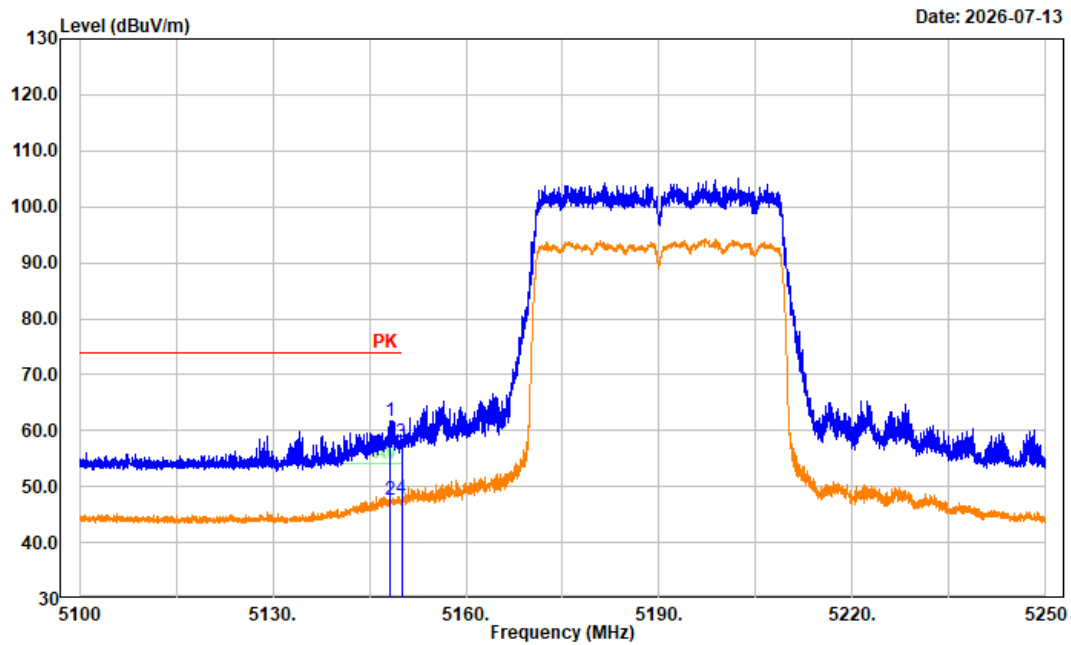
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	45.80	6.43	52.23	74.00	21.77	Peak
2	5350.000	35.25	6.43	41.68	54.00	12.32	Average
3	5386.280	47.94	6.44	54.38	74.00	19.62	Peak
4	5386.280	35.28	6.44	41.72	54.00	12.28	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax40 Low Channel 5190MHz Band 1



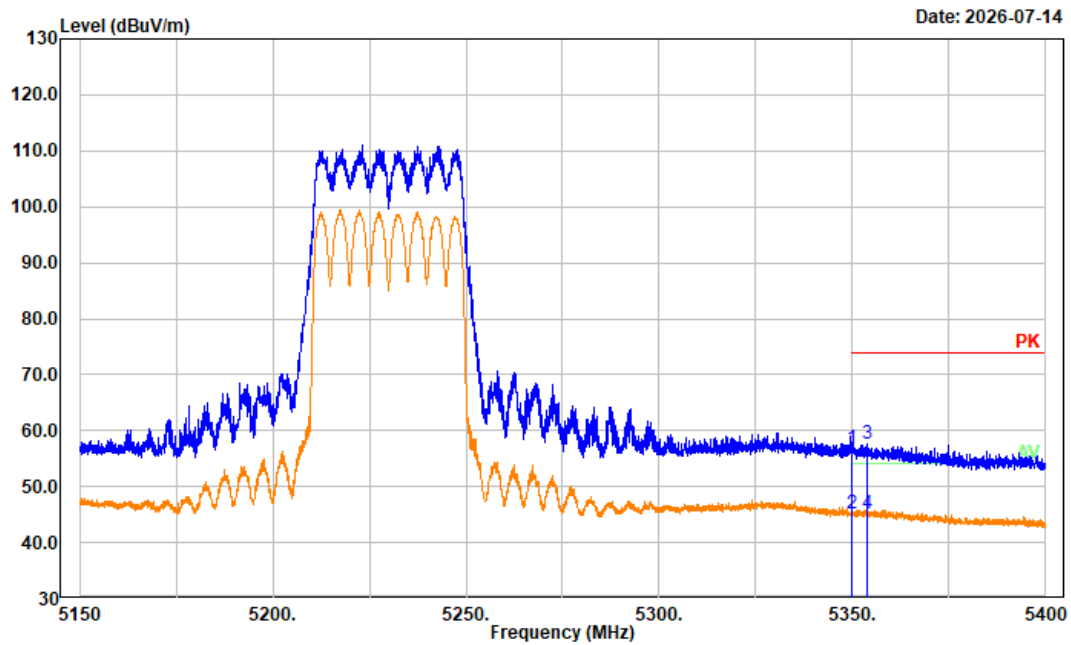
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5147.940	62.91	5.82	68.73	74.00	5.27	Peak
2	5147.940	44.62	5.82	50.44	54.00	3.56	Average
3	5150.000	54.14	5.83	59.97	74.00	14.03	Peak
4	5150.000	41.88	5.83	47.71	54.00	6.29	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax40 Low Channel 5190MHz Band 1



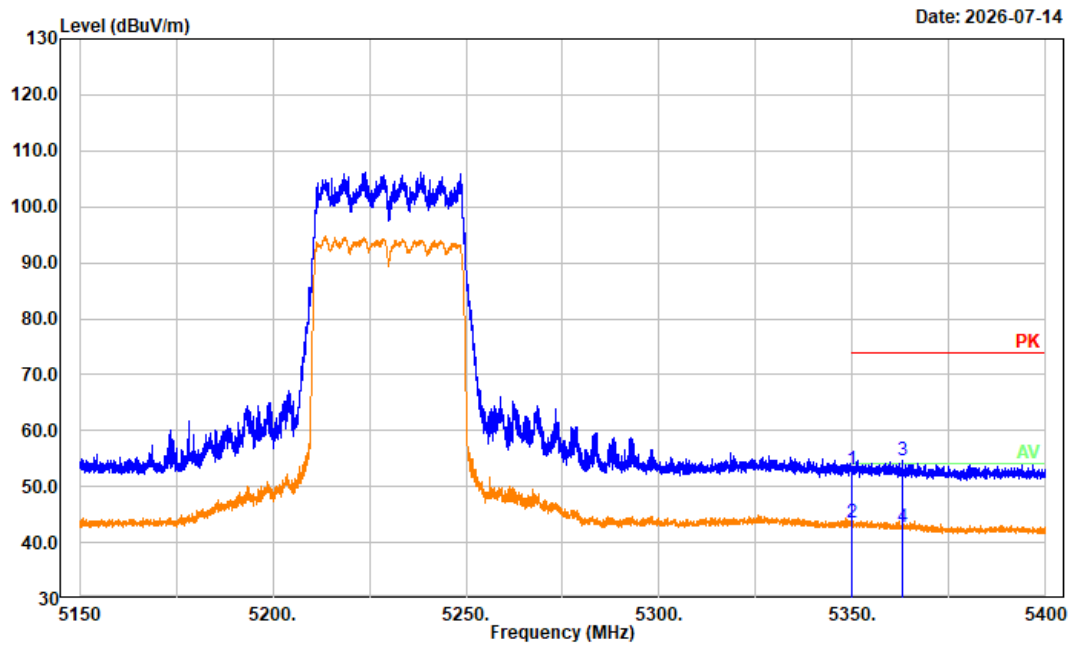
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5148.270	55.98	5.82	61.80	74.00	12.20	Peak
2	5148.270	41.74	5.82	47.56	54.00	6.44	Average
3	5150.000	51.96	5.83	57.79	74.00	16.21	Peak
4	5150.000	42.01	5.83	47.84	54.00	6.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax40 High Channel 5230MHz Band 1



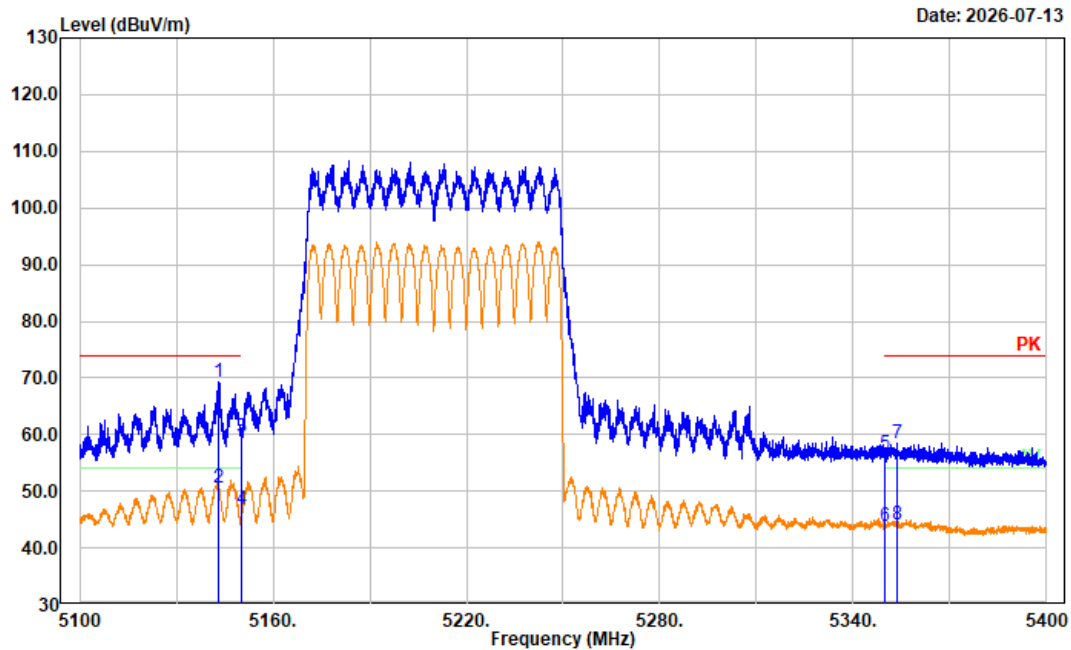
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	50.52	6.43	56.95	74.00	17.05	Peak
2	5350.000	38.80	6.43	45.23	54.00	8.77	Average
3	5353.900	51.27	6.43	57.70	74.00	16.30	Peak
4	5353.900	38.68	6.43	45.11	54.00	8.89	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax40 High Channel 5230MHz Band 1



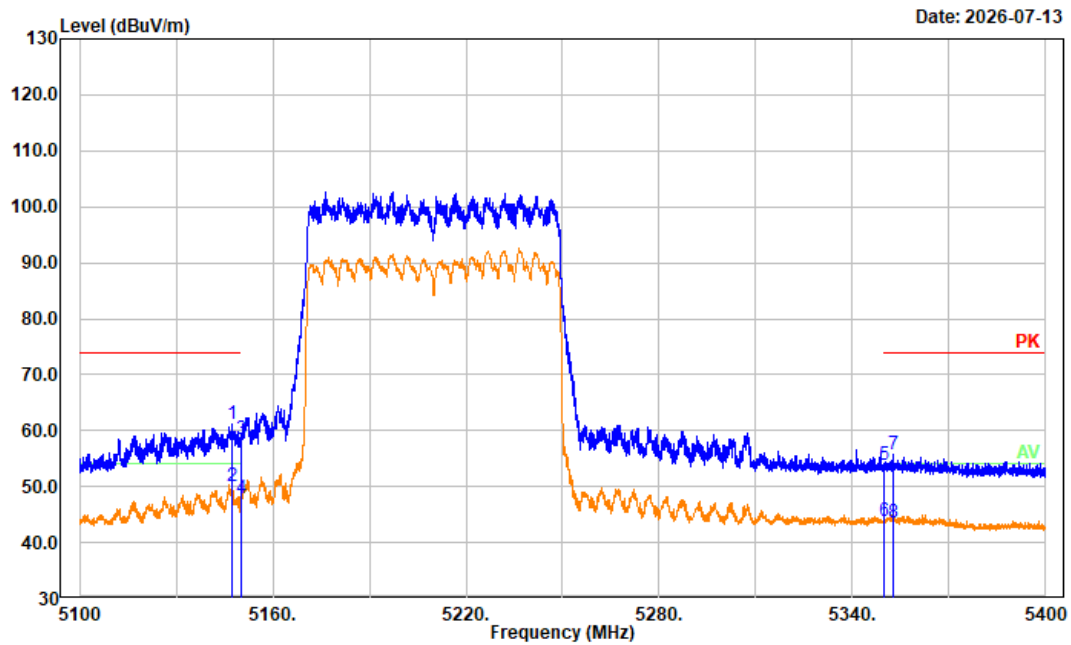
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	46.53	6.43	52.96	74.00	21.04	Peak
2	5350.000	37.09	6.43	43.52	54.00	10.48	Average
3	5362.750	48.23	6.44	54.67	74.00	19.33	Peak
4	5362.750	36.34	6.44	42.78	54.00	11.22	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



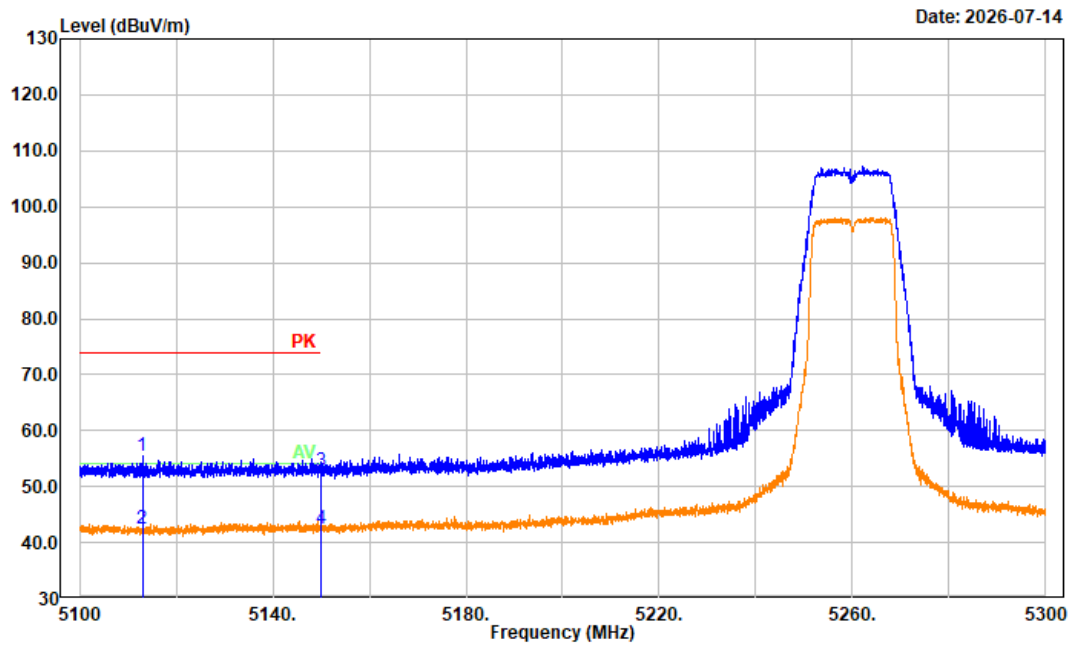
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5143.200	63.59	5.80	69.39	74.00	4.61	Peak
2	5143.200	44.82	5.80	50.62	54.00	3.38	Average
3	5150.000	53.62	5.83	59.45	74.00	14.55	Peak
4	5150.000	41.06	5.83	46.89	54.00	7.11	Average
5	5350.000	50.21	6.43	56.64	74.00	17.36	Peak
6	5350.000	37.52	6.43	43.95	54.00	10.05	Average
7	5353.440	52.02	6.43	58.45	74.00	15.55	Peak
8	5353.440	37.58	6.43	44.01	54.00	9.99	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax80 Middle Channel 5210MHz Band 1



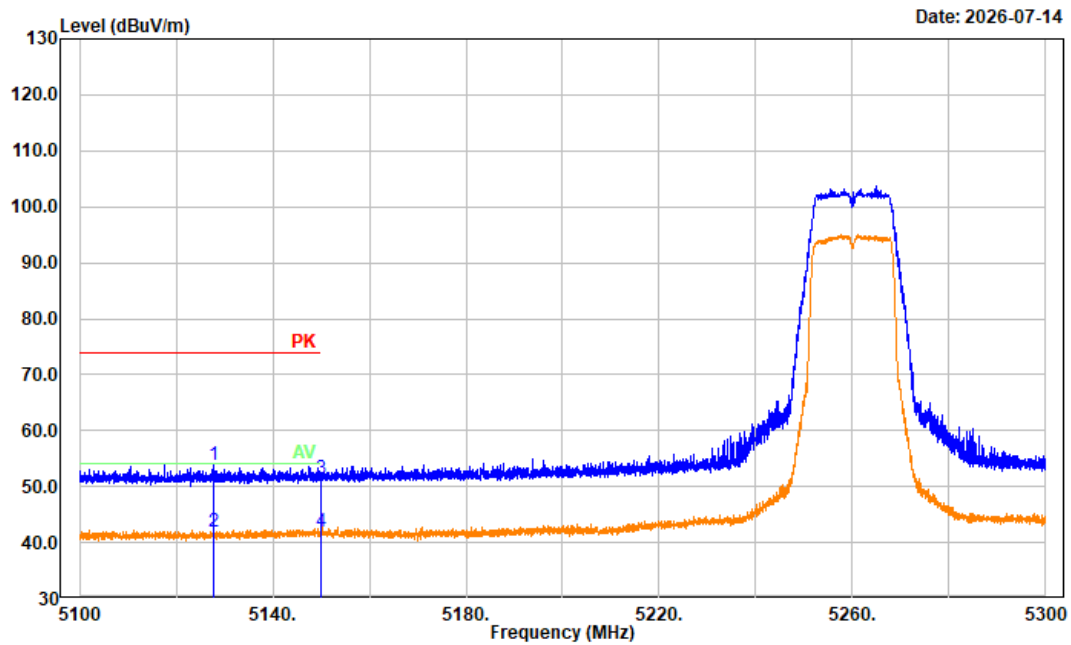
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5147.340	55.24	5.82	61.06	74.00	12.94	Peak
2	5147.340	44.30	5.82	50.12	54.00	3.88	Average
3	5150.000	52.54	5.83	58.37	74.00	15.63	Peak
4	5150.000	41.95	5.83	47.78	54.00	6.22	Average
5	5350.000	47.37	6.43	53.80	74.00	20.20	Peak
6	5350.000	37.26	6.43	43.69	54.00	10.31	Average
7	5352.480	49.34	6.42	55.76	74.00	18.24	Peak
8	5352.480	37.16	6.42	43.58	54.00	10.42	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a Low Channel 5260MHz Chain 0 Band 2



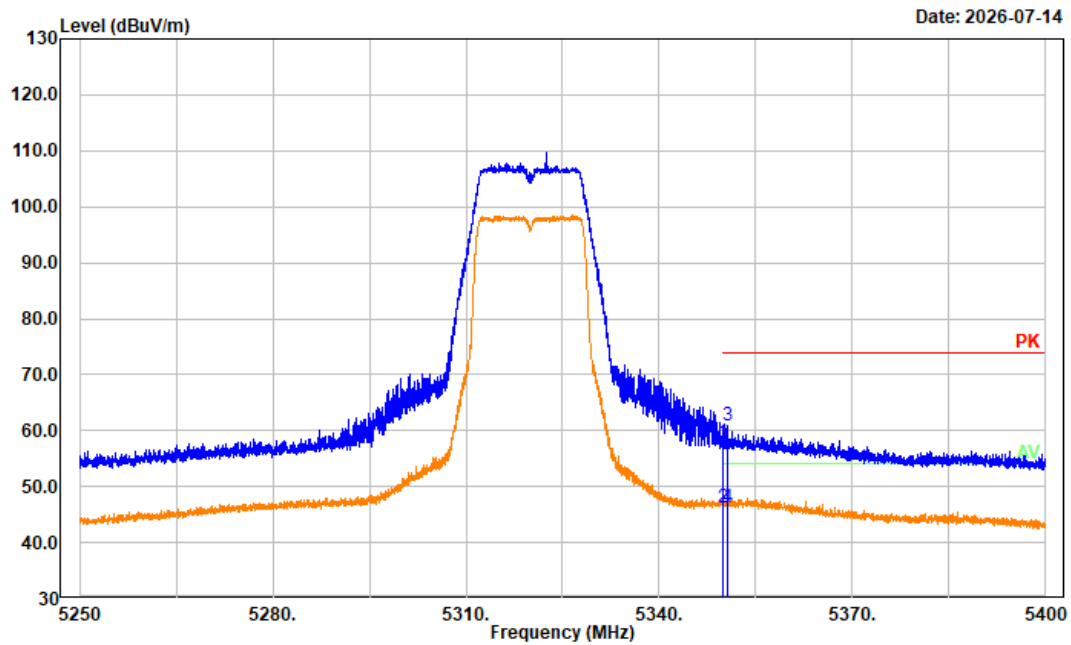
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5113.000	49.70	5.67	55.37	74.00	18.63	Peak
2	5113.000	36.85	5.67	42.52	54.00	11.48	Average
3	5150.000	46.95	5.83	52.78	74.00	21.22	Peak
4	5150.000	36.53	5.83	42.36	54.00	11.64	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a Low Channel 5260MHz Chain 0 Band 2



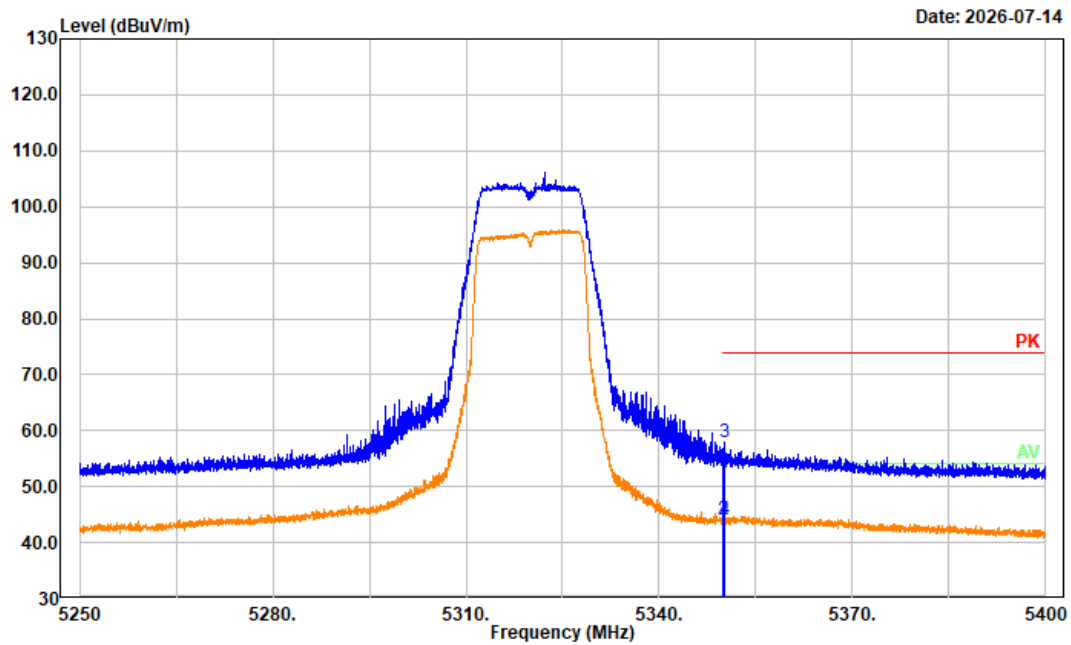
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5127.680	48.19	5.74	53.93	74.00	20.07	Peak
2	5127.680	36.13	5.74	41.87	54.00	12.13	Average
3	5150.000	45.67	5.83	51.50	74.00	22.50	Peak
4	5150.000	36.22	5.83	42.05	54.00	11.95	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a High Channel 5320MHz Chain 0 Band 2



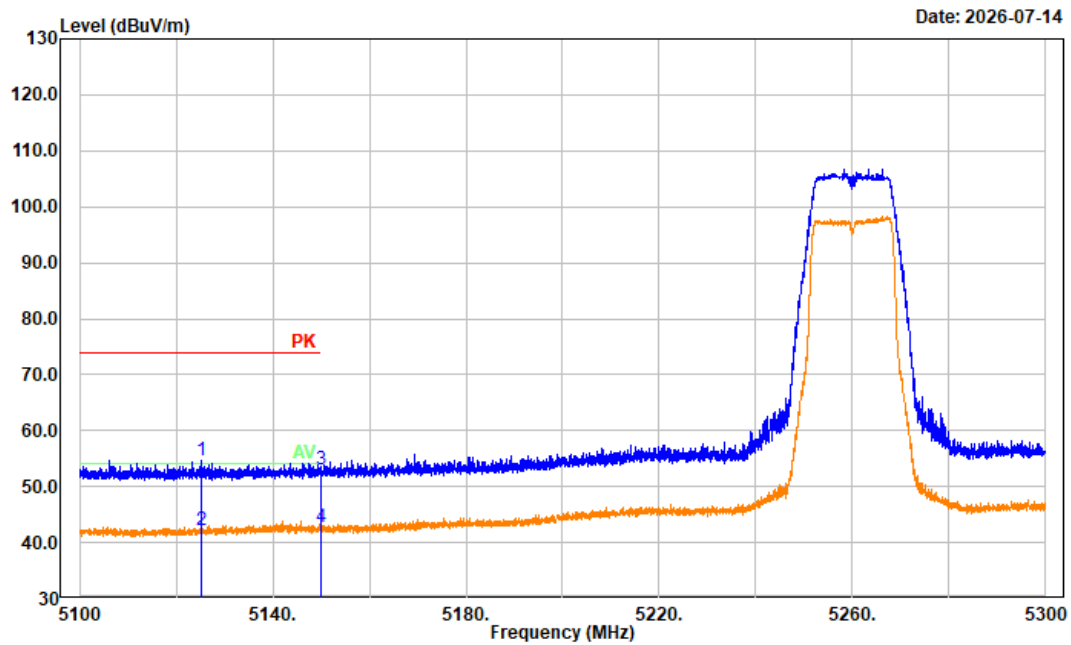
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	51.60	6.43	58.03	74.00	15.97	Peak
2	5350.000	39.85	6.43	46.28	54.00	7.72	Average
3	5350.560	54.35	6.43	60.78	74.00	13.22	Peak
4	5350.560	39.94	6.43	46.37	54.00	7.63	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a High Channel 5320MHz Chain 0 Band 2



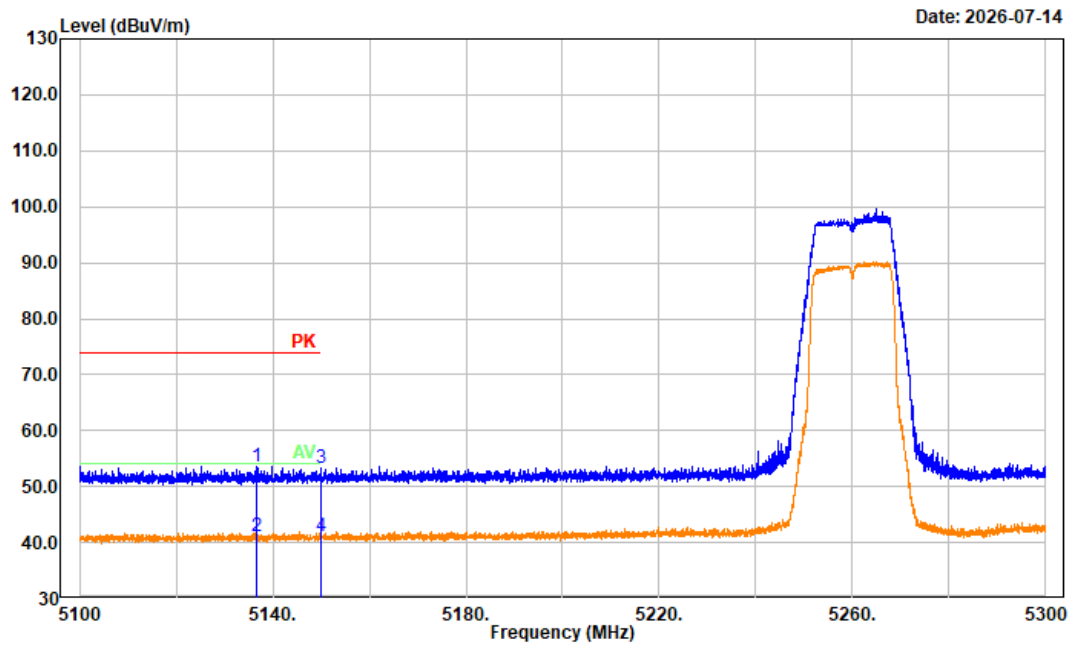
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	47.25	6.43	53.68	74.00	20.32	Peak
2	5350.000	37.68	6.43	44.11	54.00	9.89	Average
3	5350.050	51.53	6.43	57.96	74.00	16.04	Peak
4	5350.050	37.59	6.43	44.02	54.00	9.98	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a Low Channel 5260MHz Chain 1 Band 2



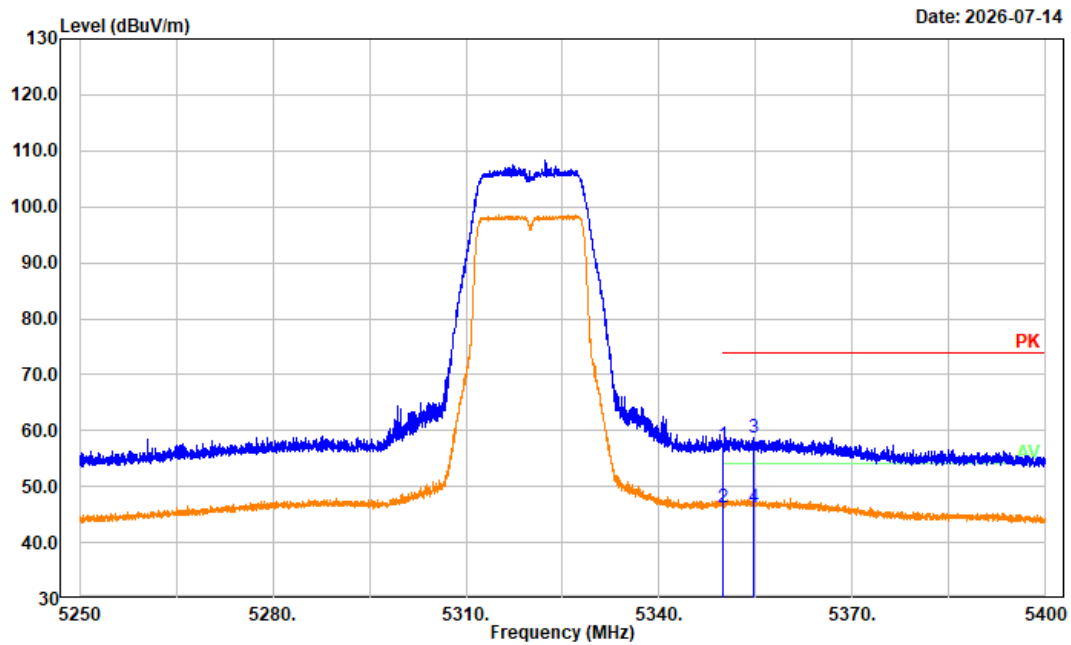
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5125.280	49.01	5.73	54.74	74.00	19.26	Peak
2	5125.280	36.38	5.73	42.11	54.00	11.89	Average
3	5150.000	47.12	5.83	52.95	74.00	21.05	Peak
4	5150.000	36.85	5.83	42.68	54.00	11.32	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a Low Channel 5260MHz Chain 1 Band 2



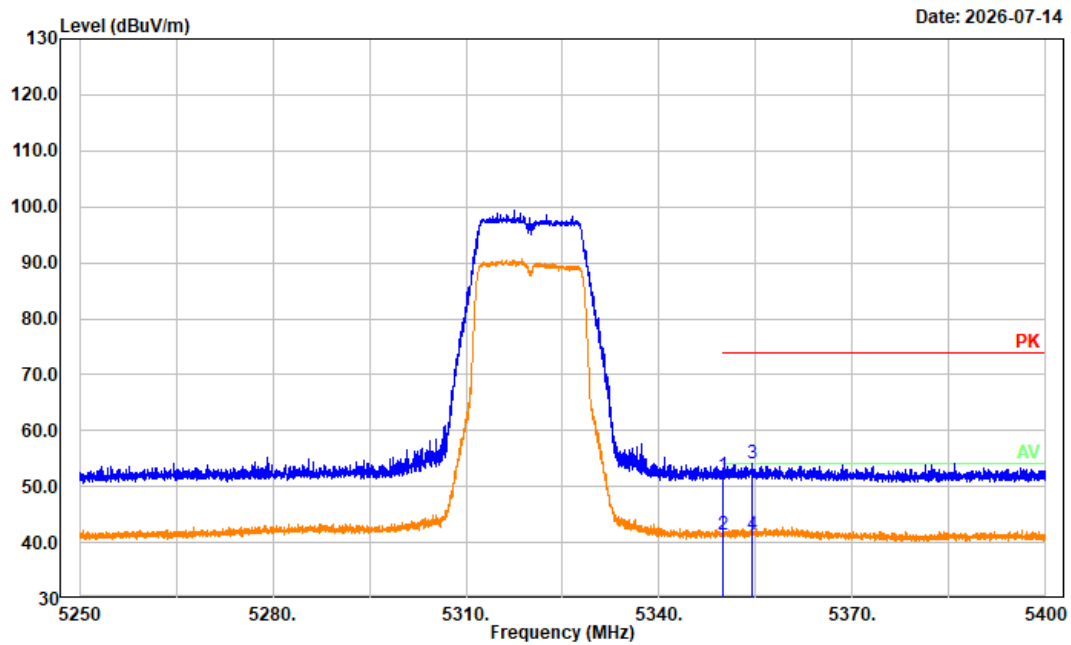
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5136.520	47.80	5.78	53.58	74.00	20.42	Peak
2	5136.520	35.25	5.78	41.03	54.00	12.97	Average
3	5150.000	47.37	5.83	53.20	74.00	20.80	Peak
4	5150.000	35.17	5.83	41.00	54.00	13.00	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi a High Channel 5320MHz Chain 1 Band 2



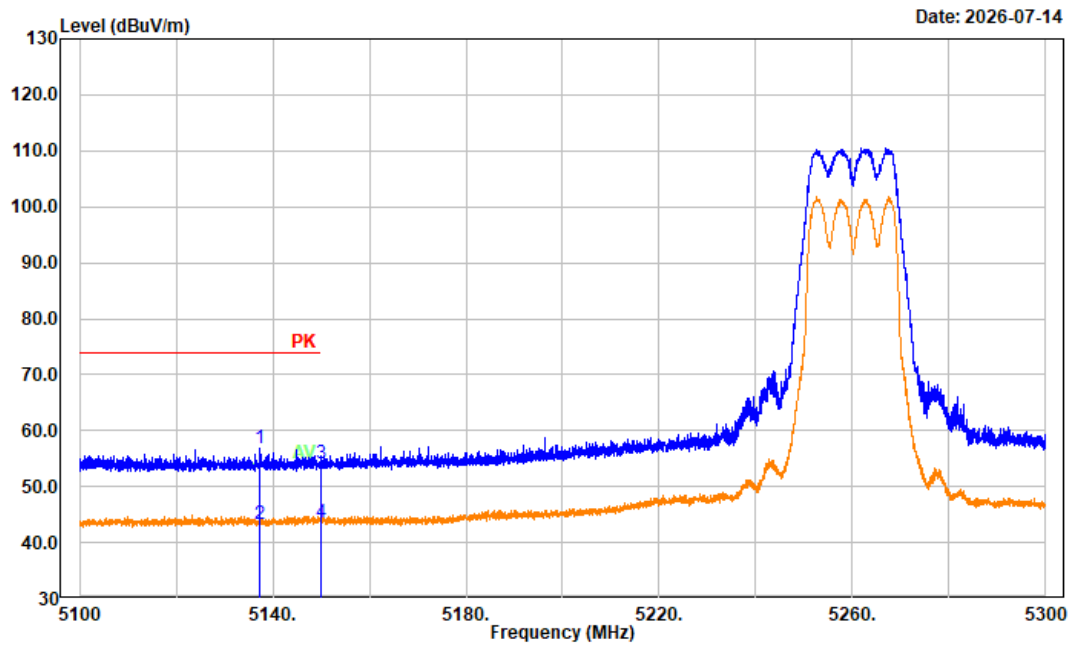
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	50.82	6.43	57.25	74.00	16.75	Peak
2	5350.000	39.86	6.43	46.29	54.00	7.71	Average
3	5354.730	52.43	6.43	58.86	74.00	15.14	Peak
4	5354.730	39.93	6.43	46.36	54.00	7.64	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi a High Channel 5320MHz Chain 1 Band 2



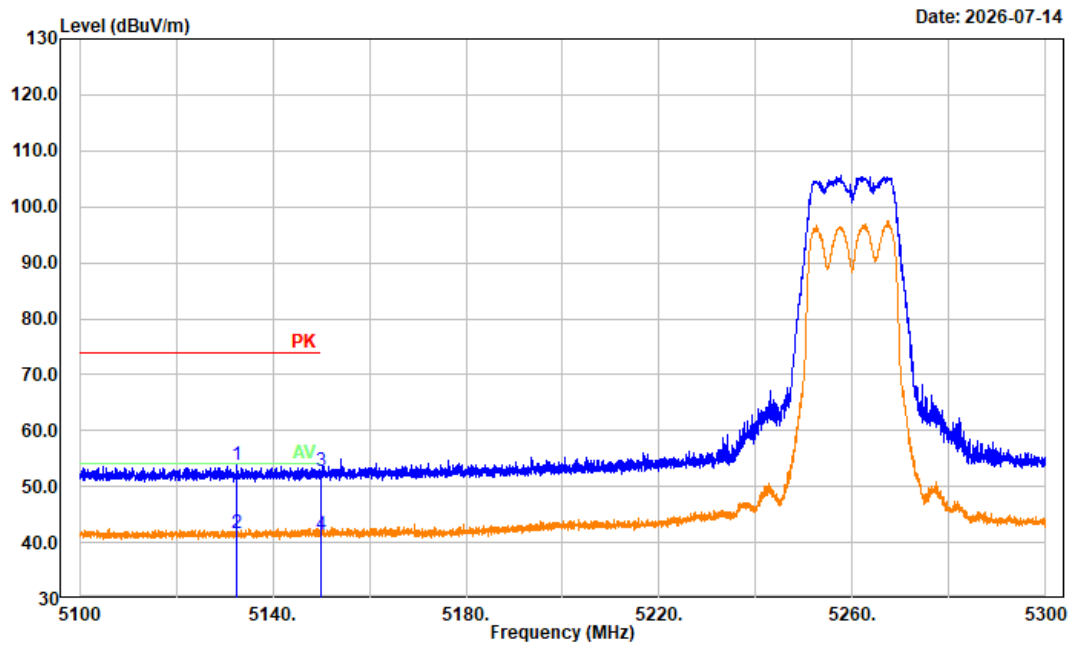
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	45.59	6.43	52.02	74.00	21.98	Peak
2	5350.000	34.83	6.43	41.26	54.00	12.74	Average
3	5354.310	47.65	6.43	54.08	74.00	19.92	Peak
4	5354.310	34.95	6.43	41.38	54.00	12.62	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac20 Low Channel 5260MHz Band 2



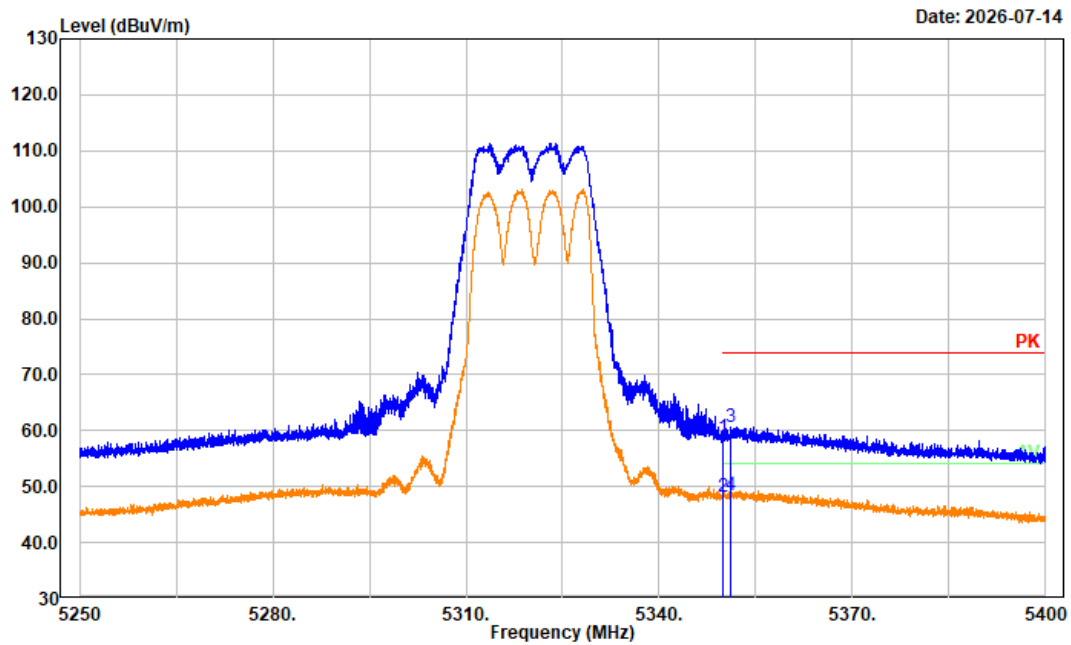
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5137.440	50.97	5.78	56.75	74.00	17.25	Peak
2	5137.440	37.48	5.78	43.26	54.00	10.74	Average
3	5150.000	48.17	5.83	54.00	74.00	20.00	Peak
4	5150.000	37.68	5.83	43.51	54.00	10.49	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac20 Low Channel 5260MHz Band 2



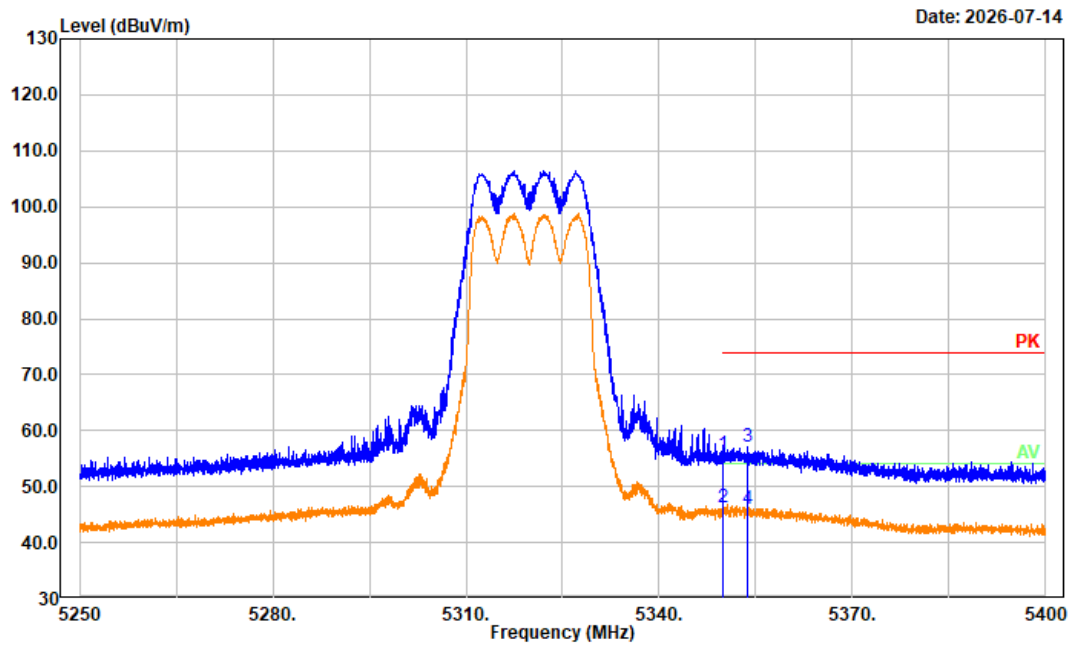
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5132.600	48.15	5.76	53.91	74.00	20.09	Peak
2	5132.600	35.80	5.76	41.56	54.00	12.44	Average
3	5150.000	46.86	5.83	52.69	74.00	21.31	Peak
4	5150.000	35.64	5.83	41.47	54.00	12.53	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac20 High Channel 5320MHz Band 2



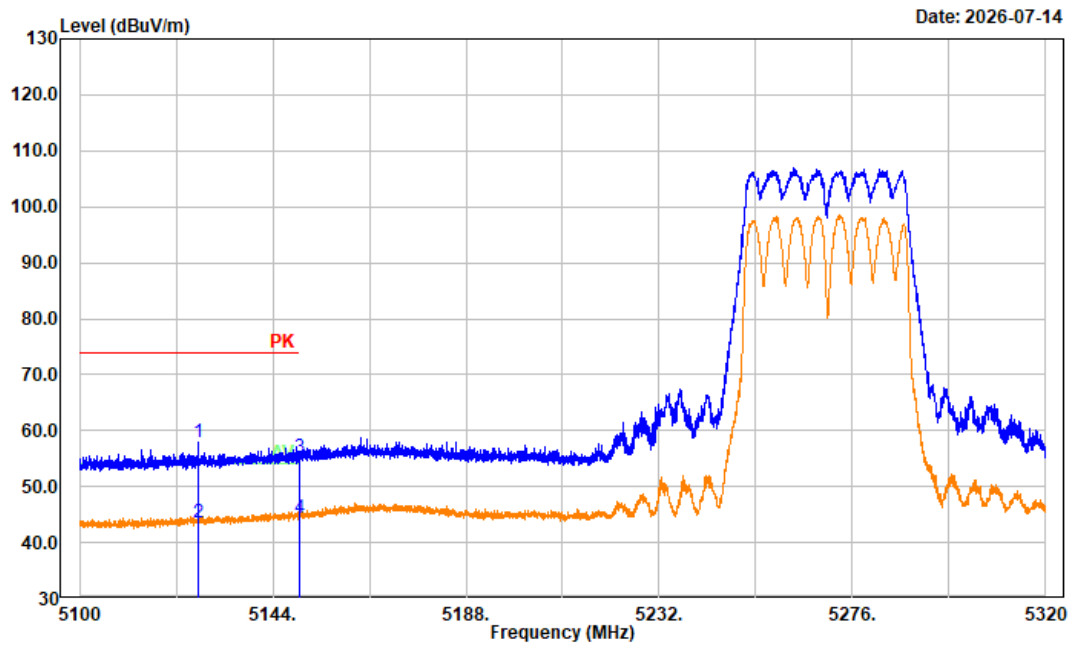
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	52.41	6.43	58.84	74.00	15.16	Peak
2	5350.000	41.82	6.43	48.25	54.00	5.75	Average
3	5351.040	54.25	6.43	60.68	74.00	13.32	Peak
4	5351.040	41.93	6.43	48.36	54.00	5.64	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac20 High Channel 5320MHz Band 2



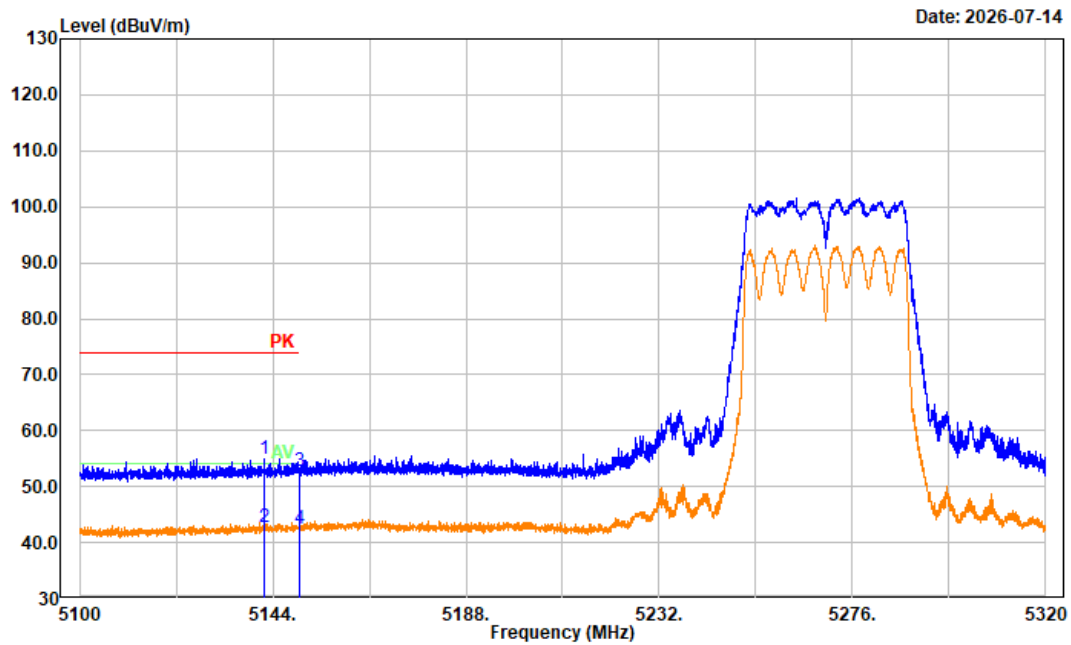
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	49.25	6.43	55.68	74.00	18.32	Peak
2	5350.000	39.80	6.43	46.23	54.00	7.77	Average
3	5353.650	50.57	6.43	57.00	74.00	17.00	Peak
4	5353.650	39.62	6.43	46.05	54.00	7.95	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac40 Low Channel 5270MHz Band 2



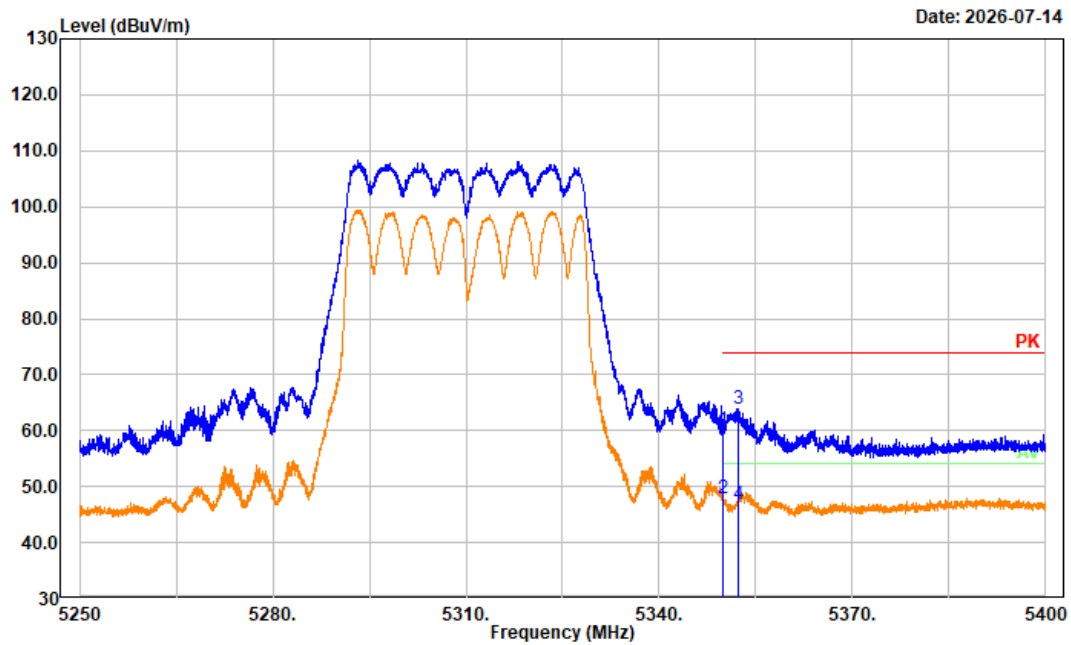
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5126.972	52.18	5.74	57.92	74.00	16.08	Peak
2	5126.972	37.94	5.74	43.68	54.00	10.32	Average
3	5150.000	49.43	5.83	55.26	74.00	18.74	Peak
4	5150.000	38.43	5.83	44.26	54.00	9.74	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac40 Low Channel 5270MHz Band 2



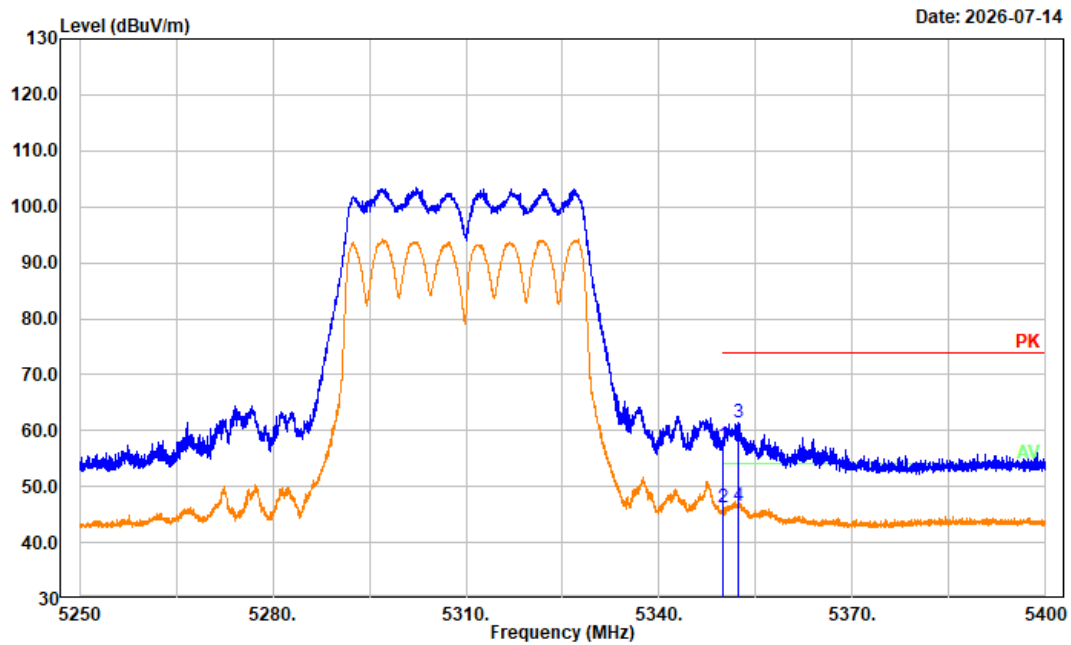
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5142.108	49.24	5.80	55.04	74.00	18.96	Peak
2	5142.108	36.82	5.80	42.62	54.00	11.38	Average
3	5150.000	46.85	5.83	52.68	74.00	21.32	Peak
4	5150.000	36.52	5.83	42.35	54.00	11.65	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac40 High Channel 5310MHz Band 2



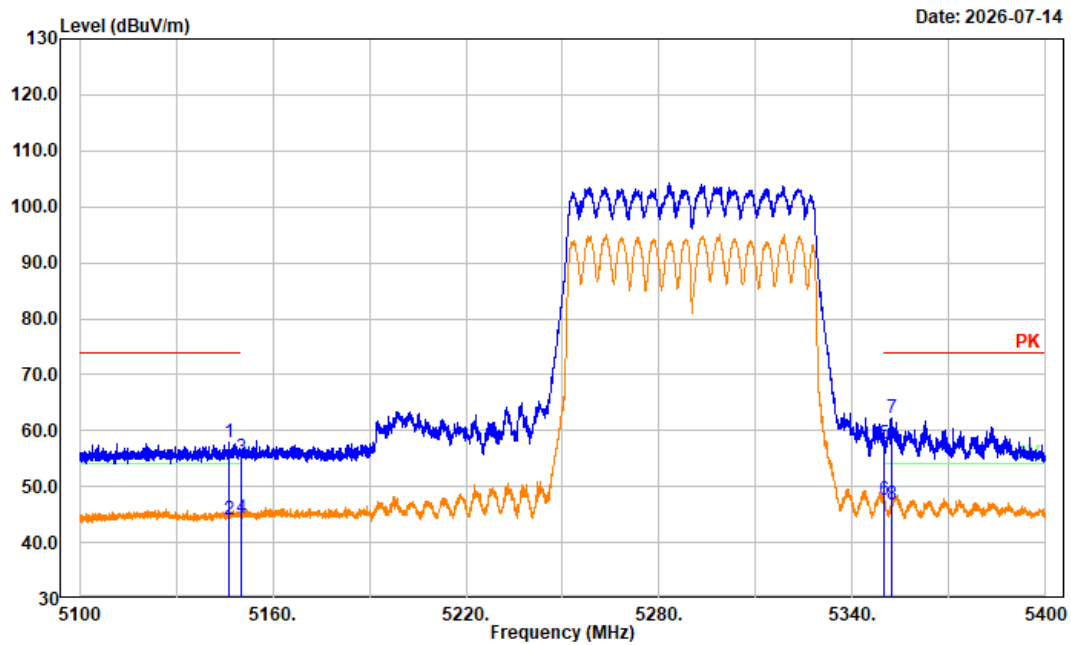
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	53.61	6.43	60.04	74.00	13.96	Peak
2	5350.000	41.46	6.43	47.89	54.00	6.11	Average
3	5352.180	57.54	6.43	63.97	74.00	10.03	Peak
4	5352.180	40.44	6.43	46.87	54.00	7.13	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac40 High Channel 5310MHz Band 2



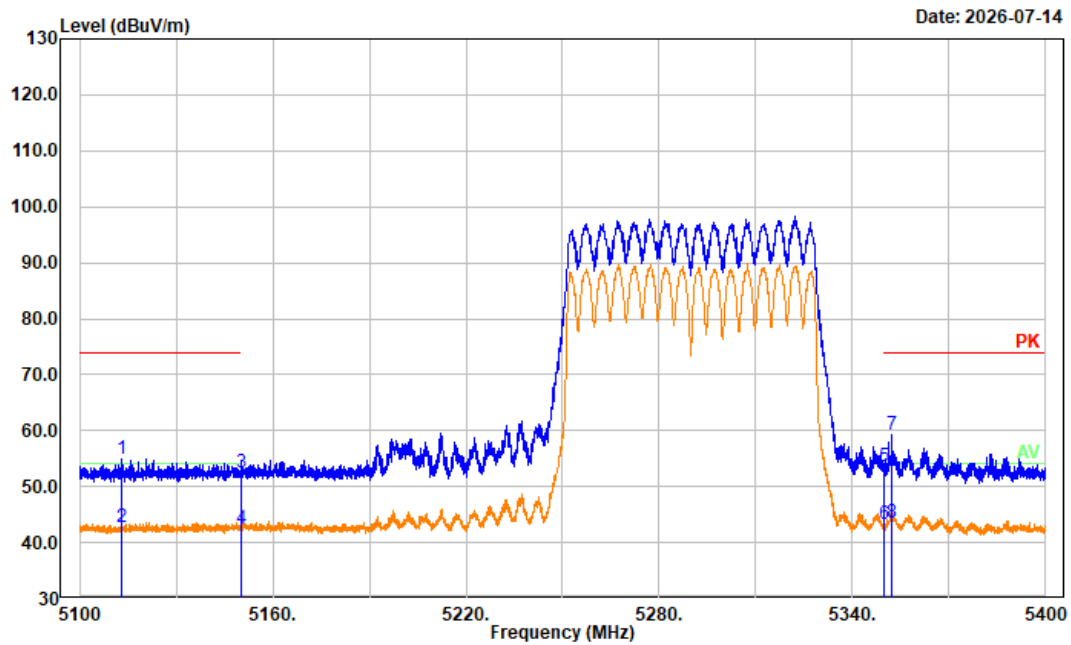
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	50.88	6.43	57.31	74.00	16.69	Peak
2	5350.000	39.70	6.43	46.13	54.00	7.87	Average
3	5352.180	54.93	6.43	61.36	74.00	12.64	Peak
4	5352.180	40.16	6.43	46.59	54.00	7.41	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac80 Middle Channel 5290MHz Band 2



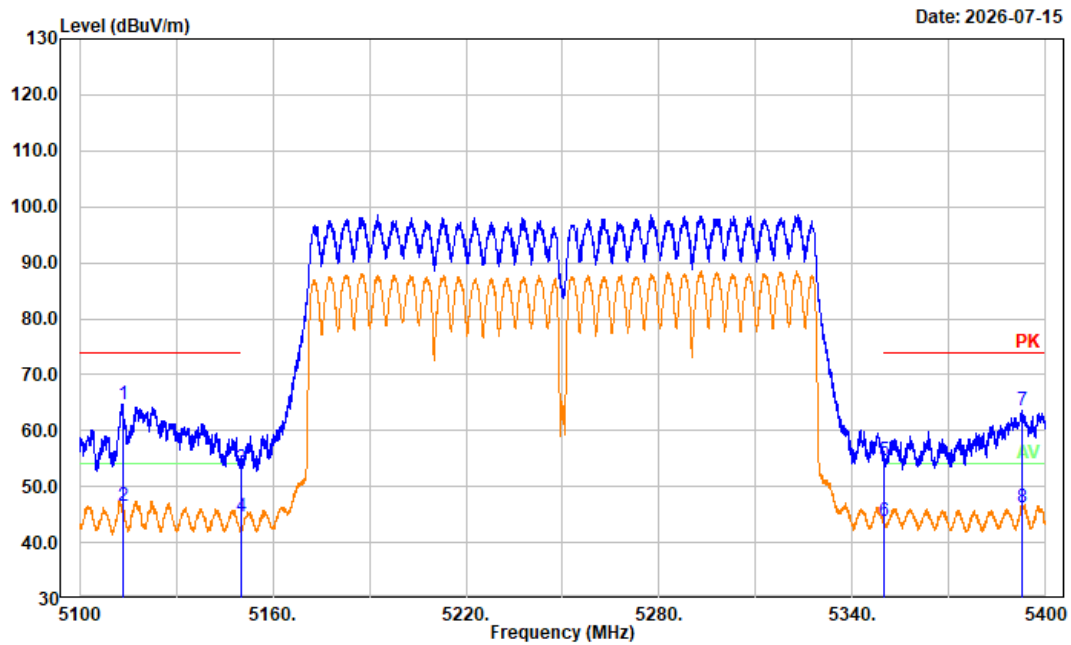
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5146.260	52.07	5.82	57.89	74.00	16.11	Peak
2	5146.260	38.33	5.82	44.15	54.00	9.85	Average
3	5150.000	49.44	5.83	55.27	74.00	18.73	Peak
4	5150.000	38.53	5.83	44.36	54.00	9.64	Average
5	5350.000	51.14	6.43	57.57	74.00	16.43	Peak
6	5350.000	41.08	6.43	47.51	54.00	6.49	Average
7	5352.240	55.79	6.43	62.22	74.00	11.78	Peak
8	5352.240	40.41	6.43	46.84	54.00	7.16	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac80 Middle Channel 5290MHz Band 2



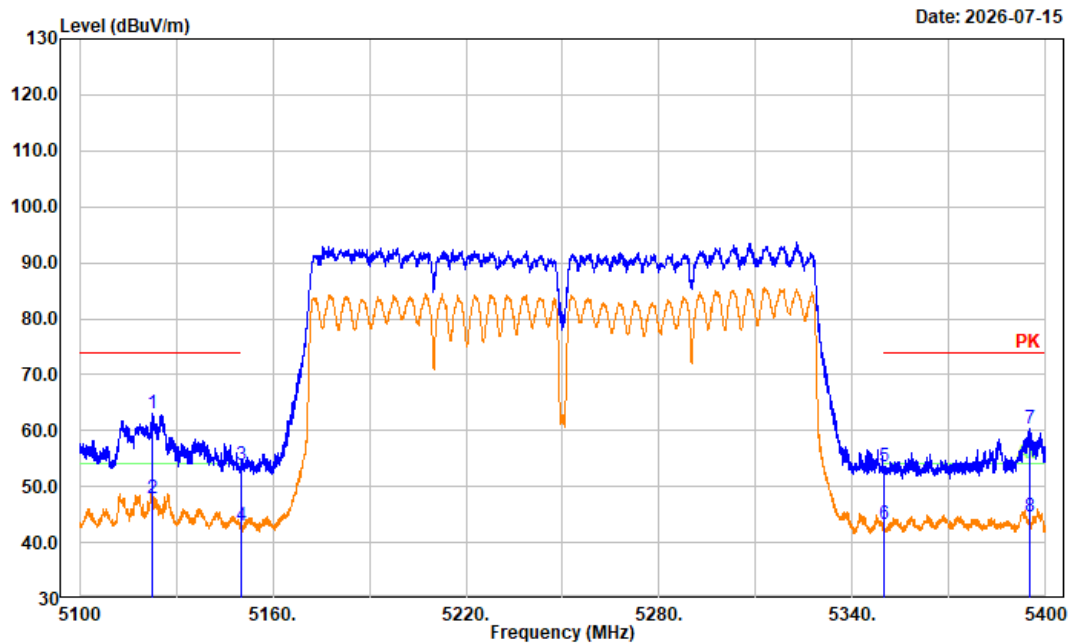
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5113.020	49.32	5.67	54.99	74.00	19.01	Peak
2	5113.020	36.98	5.67	42.65	54.00	11.35	Average
3	5150.000	46.67	5.83	52.50	74.00	21.50	Peak
4	5150.000	36.68	5.83	42.51	54.00	11.49	Average
5	5350.020	47.02	6.43	53.45	74.00	20.55	Peak
6	5350.020	36.83	6.43	43.26	54.00	10.74	Average
7	5352.300	52.88	6.42	59.30	74.00	14.70	Peak
8	5352.300	37.16	6.42	43.58	54.00	10.42	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ac160 Middle Channel 5250MHz Band 2



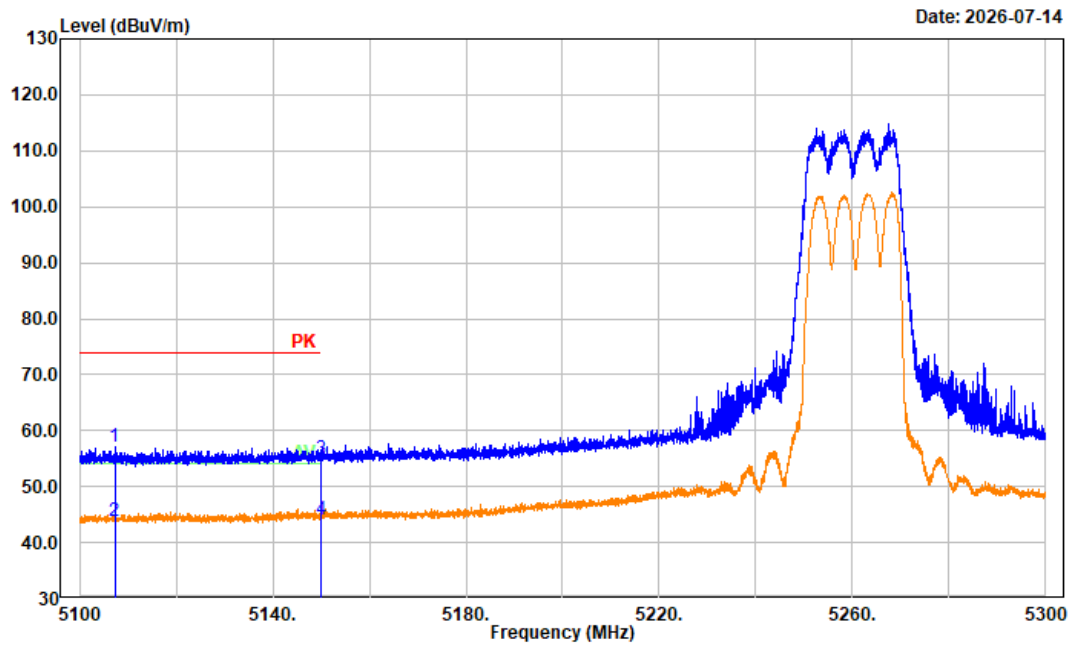
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5113.500	58.91	5.67	64.58	74.00	9.42	Peak
2	5113.500	40.91	5.67	46.58	54.00	7.42	Average
3	5150.000	47.38	5.83	53.21	74.00	20.79	Peak
4	5150.000	38.73	5.83	44.56	54.00	9.44	Average
5	5350.000	48.29	6.43	54.72	74.00	19.28	Peak
6	5350.000	37.46	6.43	43.89	54.00	10.11	Average
7	5392.500	57.14	6.45	63.59	74.00	10.41	Peak
8	5392.500	39.81	6.45	46.26	54.00	7.74	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ac160 Middle Channel 5250MHz Band 2



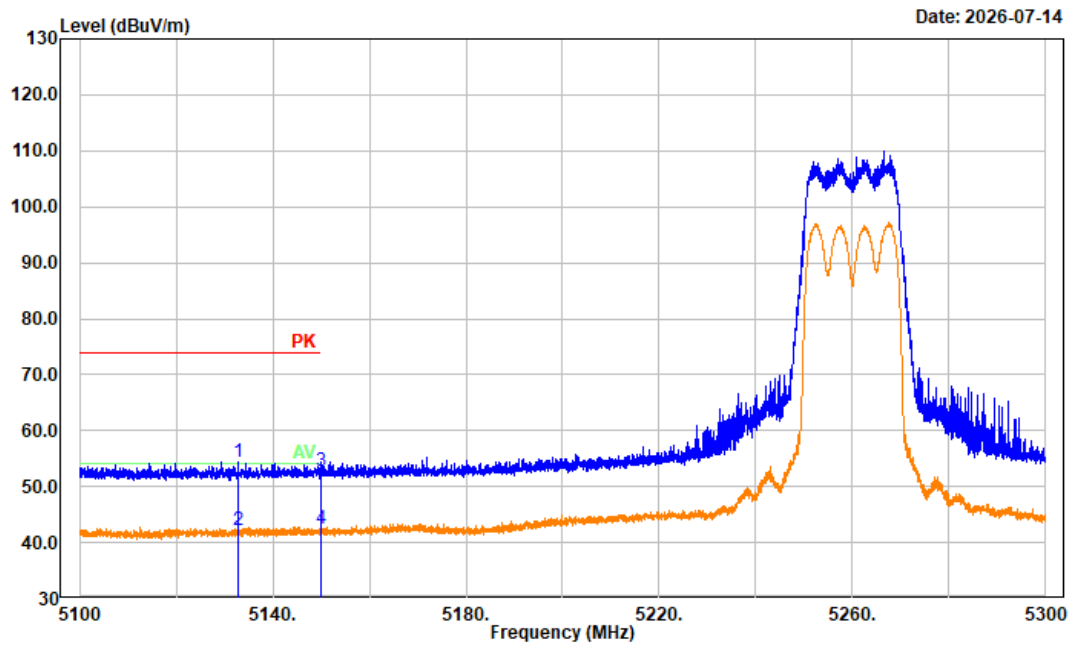
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5122.740	57.27	5.71	62.98	74.00	11.02	Peak
2	5122.740	42.17	5.71	47.88	54.00	6.12	Average
3	5150.000	47.92	5.83	53.75	74.00	20.25	Peak
4	5150.000	37.30	5.83	43.13	54.00	10.87	Average
5	5350.000	47.02	6.43	53.45	74.00	20.55	Peak
6	5350.000	36.82	6.43	43.25	54.00	10.75	Average
7	5394.900	54.01	6.45	60.46	74.00	13.54	Peak
8	5394.900	38.24	6.45	44.69	54.00	9.31	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax20 Low Channel 5260MHz Band 2



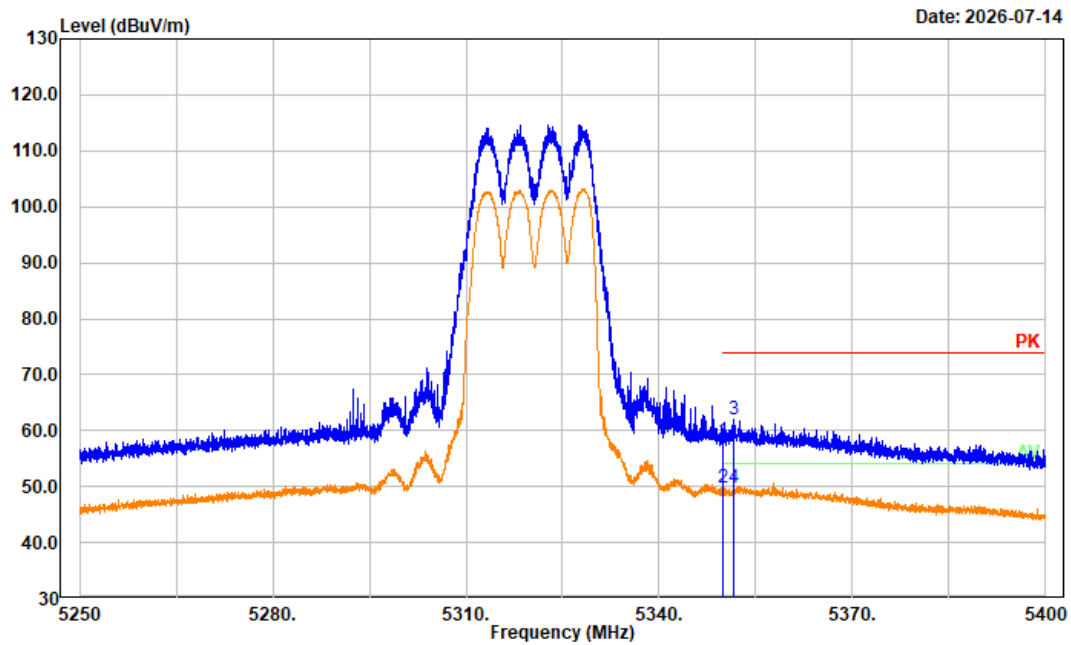
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5107.280	51.36	5.65	57.01	74.00	16.99	Peak
2	5107.280	38.14	5.65	43.79	54.00	10.21	Average
3	5150.000	48.97	5.83	54.80	74.00	19.20	Peak
4	5150.000	38.29	5.83	44.12	54.00	9.88	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax20 Low Channel 5260MHz Band 2



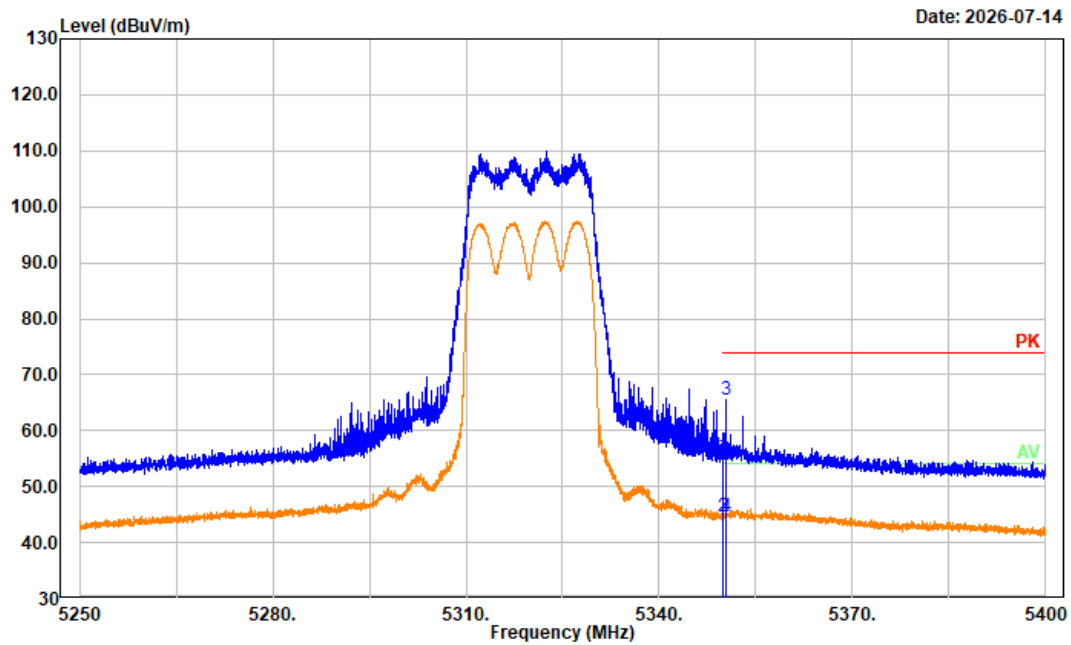
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5132.880	48.66	5.76	54.42	74.00	19.58	Peak
2	5132.880	36.54	5.76	42.30	54.00	11.70	Average
3	5150.000	47.05	5.83	52.88	74.00	21.12	Peak
4	5150.000	36.68	5.83	42.51	54.00	11.49	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax20 High Channel 5320MHz Band 2



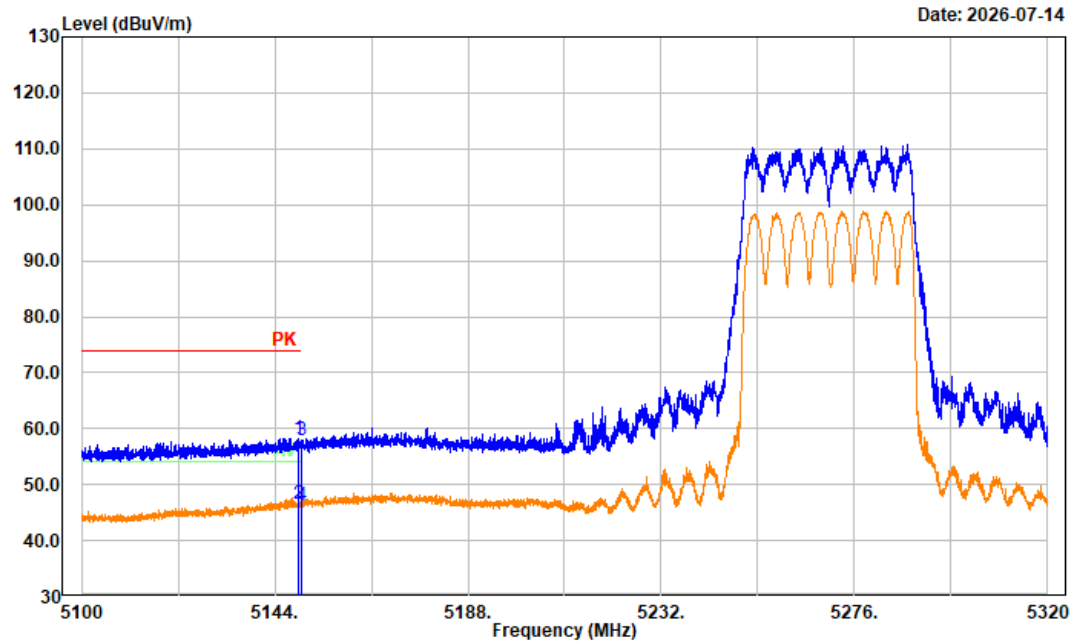
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	51.81	6.43	58.24	74.00	15.76	Peak
2	5350.000	43.46	6.43	49.89	54.00	4.11	Average
3	5351.670	55.56	6.43	61.99	74.00	12.01	Peak
4	5351.670	43.35	6.43	49.78	54.00	4.22	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax20 High Channel 5320MHz Band 2



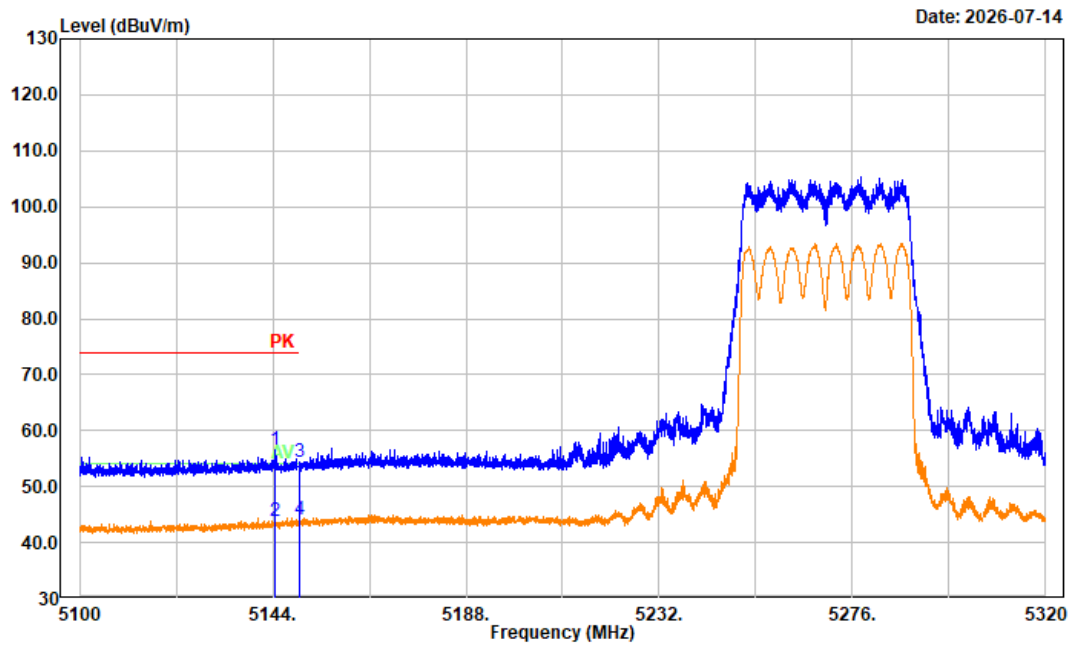
No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5350.000	49.00	6.43	55.43	74.00	18.57	Peak
2	5350.000	38.14	6.43	44.57	54.00	9.43	Average
3	5350.410	58.94	6.43	65.37	74.00	8.63	Peak
4	5350.410	38.25	6.43	44.68	54.00	9.32	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Horizontal
Note: 5G WiFi ax40 Low Channel 5270MHz Band 2



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5149.280	52.46	5.83	58.29	74.00	15.71	Peak
2	5149.280	40.68	5.83	46.51	54.00	7.49	Average
3	5150.000	52.09	5.83	57.92	74.00	16.08	Peak
4	5150.000	40.52	5.83	46.35	54.00	7.65	Average

Project No: 2603U28676E-RF
Tester: Peter Rong
Condition: PK trace RBW:1MHz; VBW:3MHz; AV trace RBW:1MHz; VBW:5kHz
Polarization: Vertical
Note: 5G WiFi ax40 Low Channel 5270MHz Band 2



No.	Frequency (MHz)	Reading (dBμV)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Remark
1	5144.484	50.63	5.81	56.44	74.00	17.56	Peak
2	5144.484	38.08	5.81	43.89	54.00	10.11	Average
3	5150.000	48.57	5.83	54.40	74.00	19.60	Peak
4	5150.000	38.28	5.83	44.11	54.00	9.89	Average