

Note.

1. No spurious emission were detected above 3 GHz.
2. Average test would be performed if the peak result were greater than the average limit.

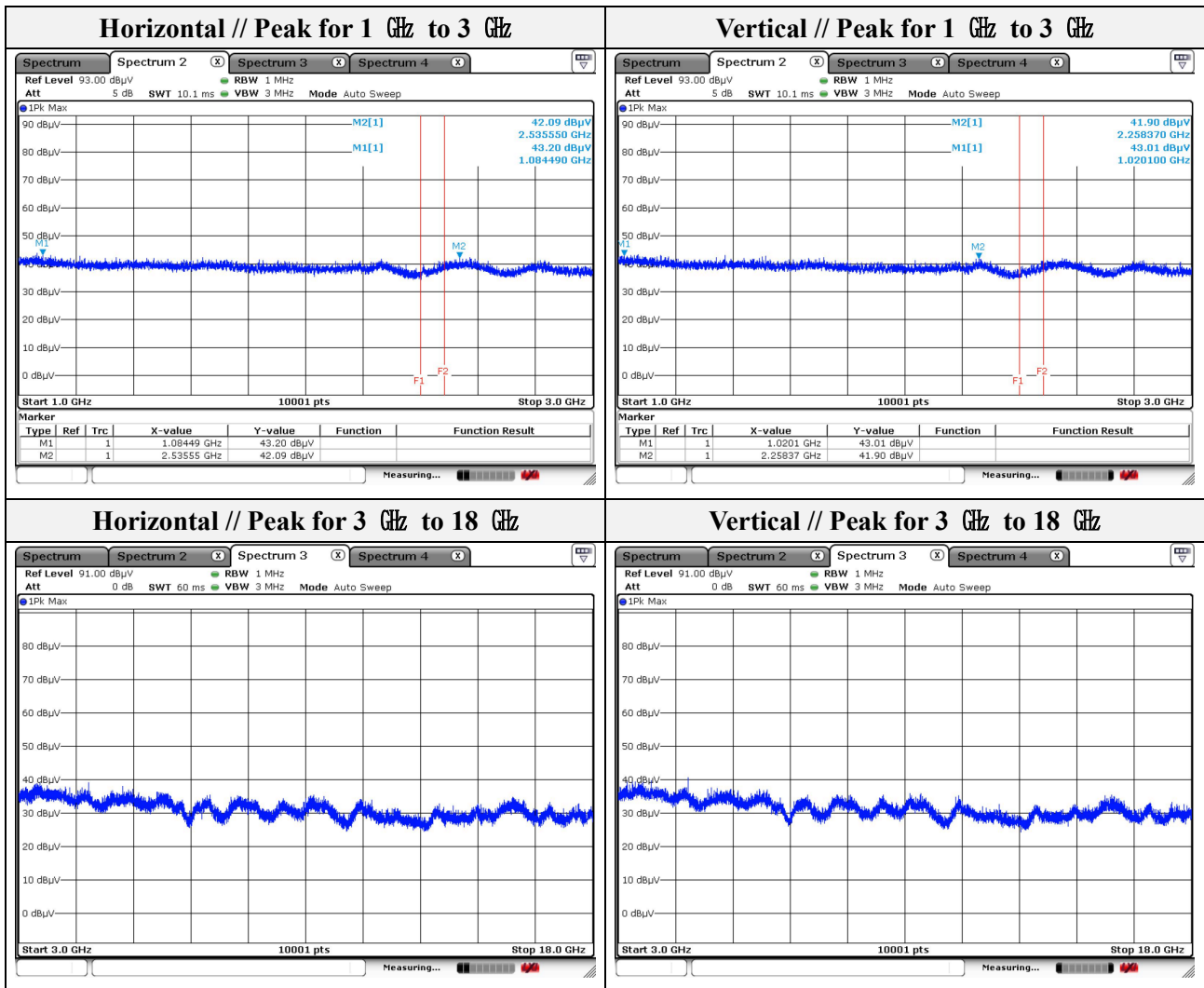
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Mode: 24 V\_802.11n\_HT40 (MCS0)  
 Channel: 06  
 Distance of measurement: 3 meter

**- Spurious**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 020.10	43.01	Peak	V	-11.05	-	31.96	74.00	42.04
1 084.49	43.20	Peak	H	-10.71	-	32.49	74.00	41.51
2 258.37	41.90	Peak	V	-3.33	-	38.57	74.00	35.43
2 535.55	42.09	Peak	H	-2.24	-	39.85	74.00	34.15



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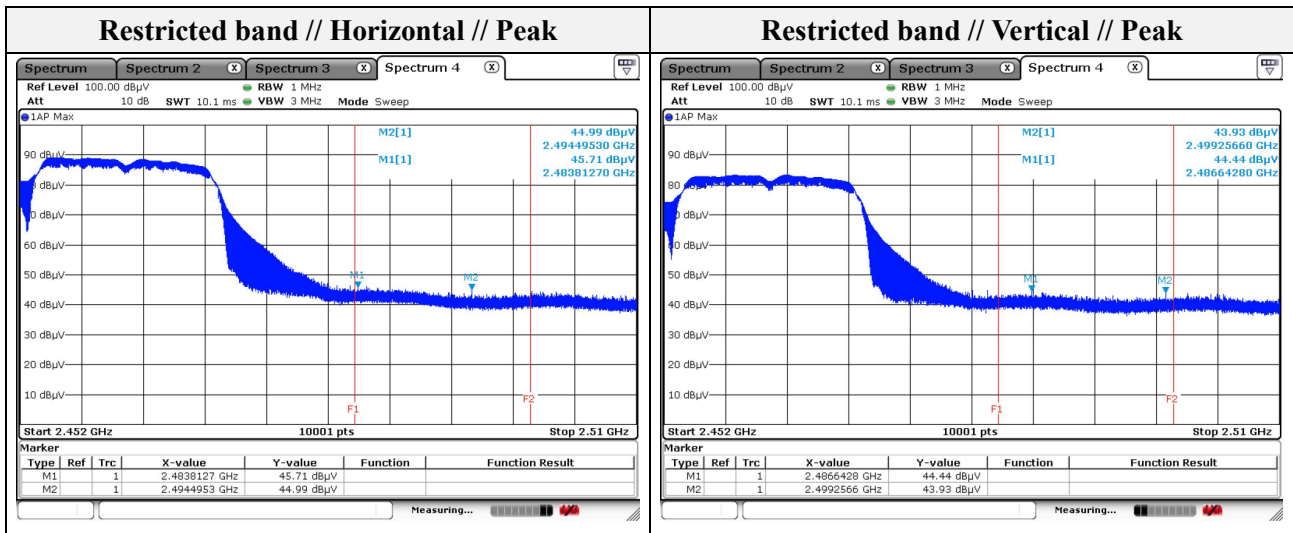
Mode: 24 V\_802.11n\_HT40 (MCS0)  
 Channel: 09  
 Distance of measurement: 3 meter

**- Spurious**

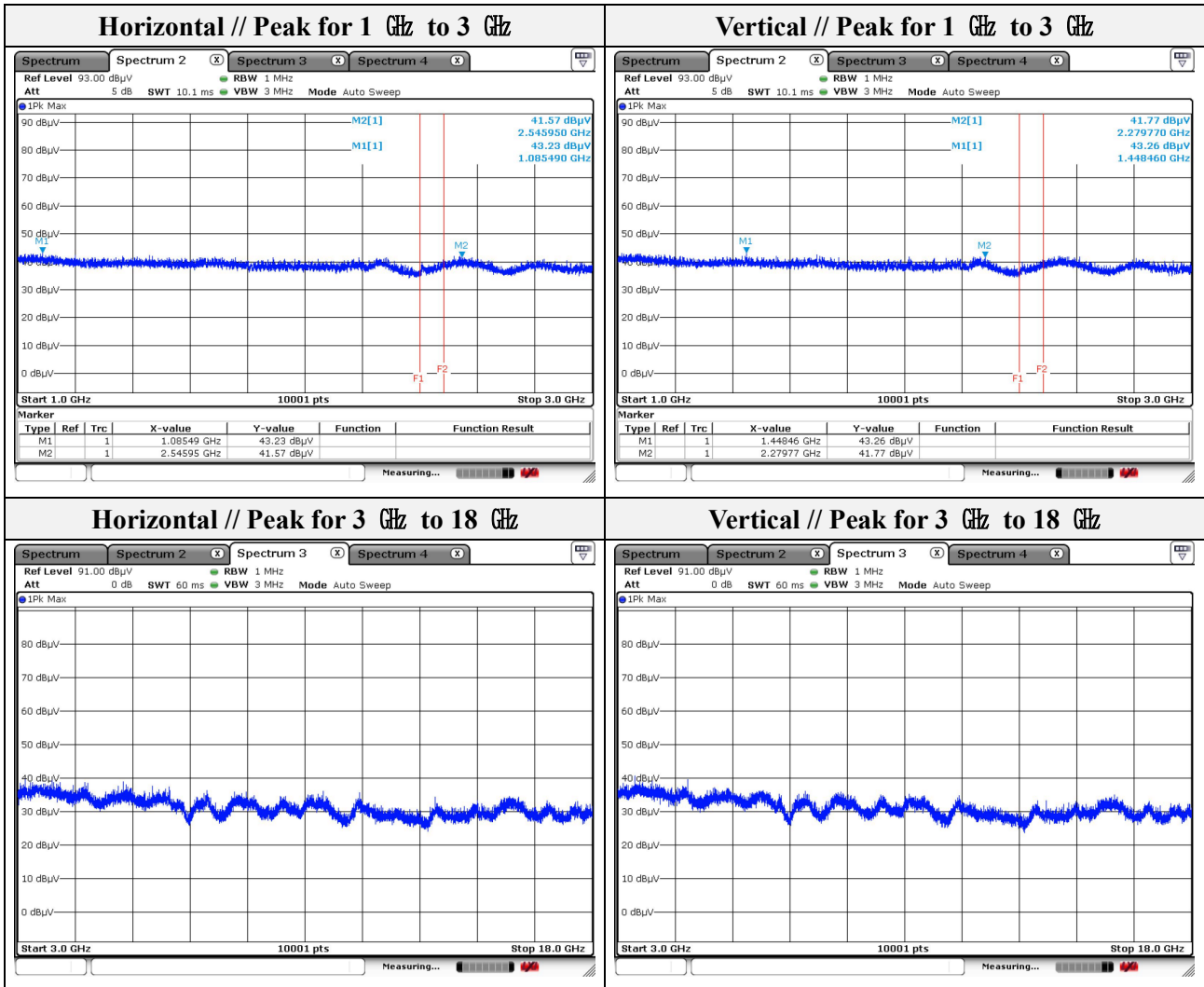
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 085.49	43.23	Peak	H	-10.71	-	32.52	74.00	41.48
1 448.46	43.26	Peak	V	-8.76	-	34.50	74.00	39.50
2 279.77	41.77	Peak	V	-3.24	-	38.53	74.00	35.47
2 545.95	41.57	Peak	H	-2.21	-	39.36	74.00	34.64

**- Band edge**

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2 483.81	45.71	Peak	H	-2.40	-	43.31	74.00	30.69
2 486.64	44.44	Peak	V	-2.39	-	42.05	74.00	31.95
2 494.50	44.99	Peak	H	-2.36	-	43.30	74.00	30.70
2 499.26	43.93	Peak	V	-2.34	-	41.59	74.00	32.41



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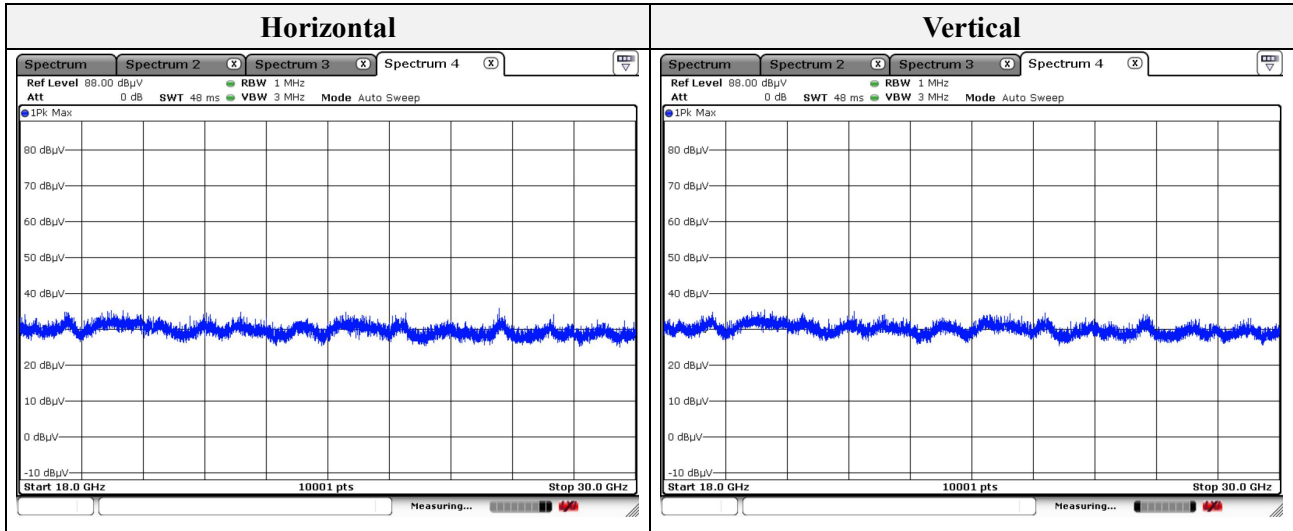


**Test results (18 GHz to 30 GHz)**

Mode: 12 V\_802.11b (1 Mbps)

Channel 11

Distance of measurement: 3 meter

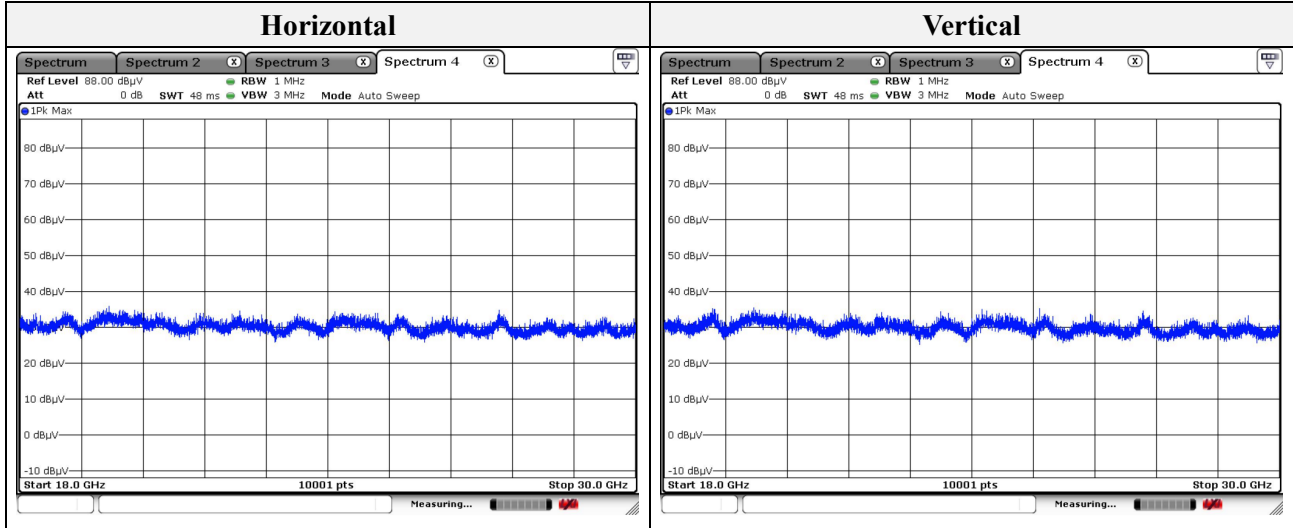


Note.

1. No spurious emission were detected above 18 GHz.



Mode: 24 V\_802.11b (1 Mbps)  
Channel: 11  
Distance of measurement: 3 meter



**Note.**

1. No spurious emission were detected above 18 GHz.



## Appendix A. Measurement equipment

Equipment	Manufacturer	Model	Serial No.	Calibration interval	Calibration due.
Spectrum Analyzer	R&S	FSV40	101725	1 year	2022.06.18
Spectrum Analyzer	R&S	FSV3044	101272	1 year	2023.03.14
SIGNAL GENERATOR	KEYSIGHT	N5182B	MY59100115	1 year	2023.04.27
SIGNAL GENERATOR	Anritsu	68369B	002118	1 year	2023.05.13
BAND REJECT FILTER	MICRO-TRONICS	BRM50702	G272	1 year	2023.01.14
Attenuator	Mini-Circuits	BW-S10-2W263+	3	1 year	2023.01.17
Attenuator	HUBER+SUHNER	6806.17.A	-	1 year	2022.11.02
BAND REJECT FILTER	MICRO-TRONICS	BRM50702	G272	1 year	2023.01.14
Power Meter	Anritsu	ML2495A	2010001	1 year	2023.04.27
Pulse Power Sensor	Anritsu	MA2411B	1911111	1 year	2023.04.27
Loop Antenna	Schwarzbeck	FMZB1513	225	2 years	2023.01.18
BILOG ANTENNA	Schwarzbeck	VULB 9168	9168-461	2 years	2022.12.22
Horn Antenna	A.H	SAS-571	414	1 year	2023.01.18
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA 9170550	1 year	2023.01.18
Amplifier	SONOMA INSTRUMENT	310N	401123	1 year	2022.06.07
PREAMPLIFIER	HP	8449B	3008A00538	1 year	2022.06.21
BROADBAND AMPLIFIER	SCHWARZBECK	BBV9721	PS9721-003	1 year	2023.01.17
DC POWER SUPPLY	SORENSEN	DCS40-75E	1408A02745	1 year	2023.01.14
EMI Test Receiver	R&S	ESU26	100552	1 year	2023.03.31

## Peripheral devices

Device	Manufacturer	Model No.	Serial No.
Notebook computer	LG Electronics Inc.,	LGS53	306QCZP560949

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