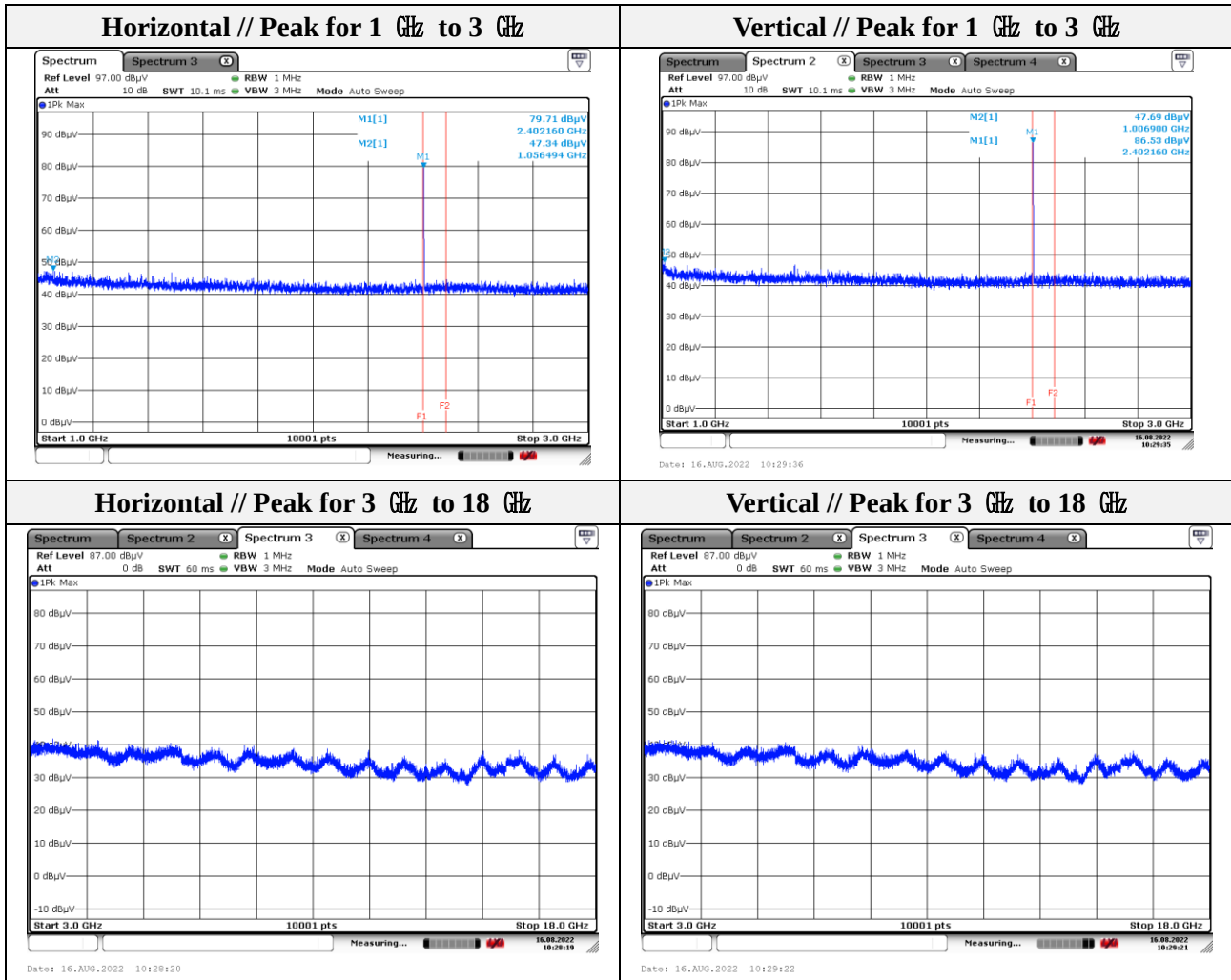




Note.

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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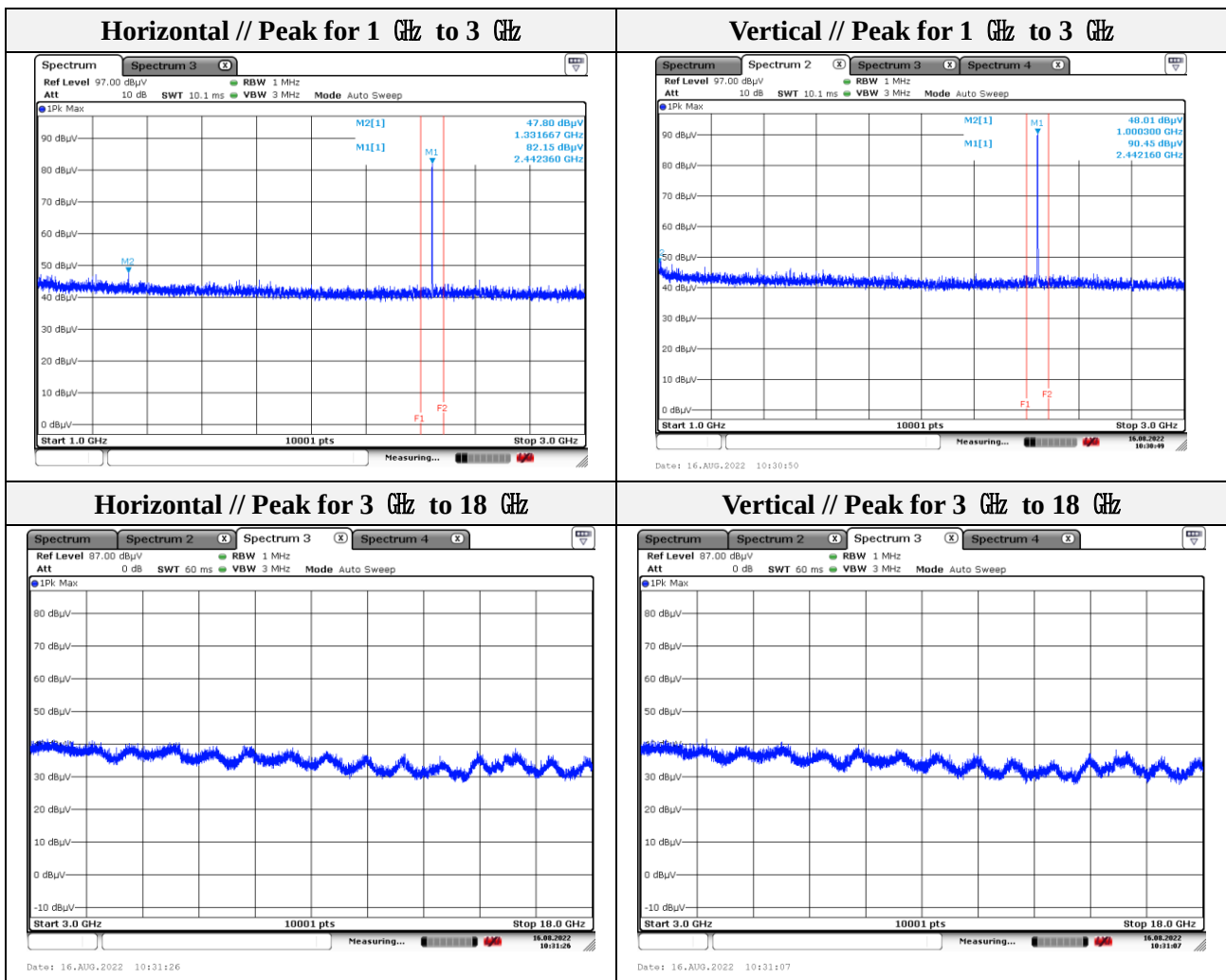
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Mode: LE 1 Mbps
Distance of measurement: 3 meter
Channel: 20

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.03	48.01	Peak	V	-11.16	-	36.85	74.00	37.15
1 331.67	47.80	Peak	H	-9.39	-	38.41	74.00	35.59



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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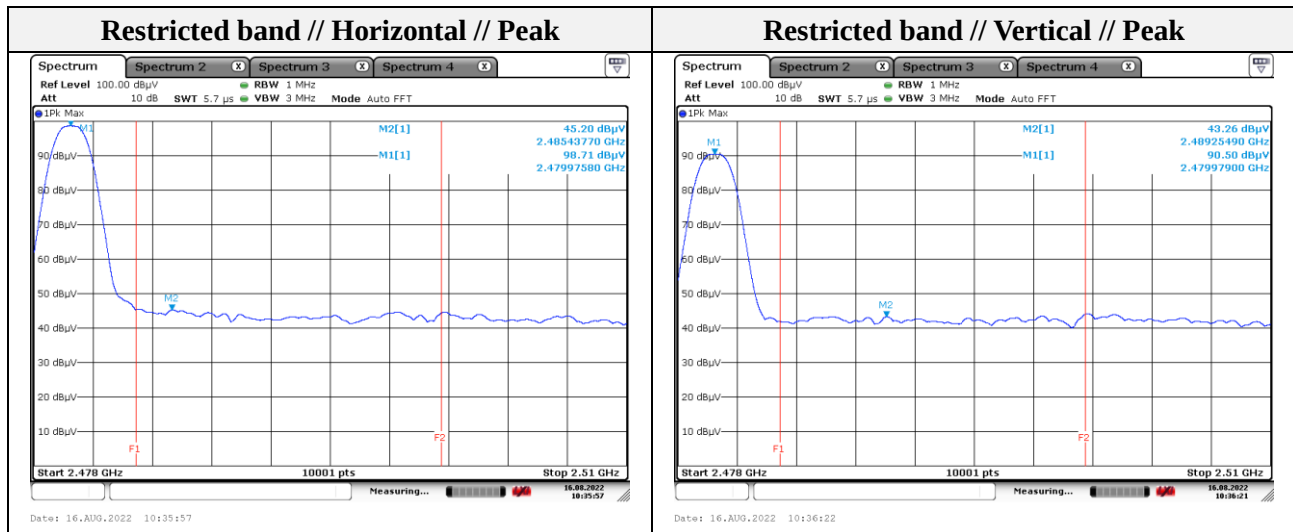
Mode: LE 1 Mbps
Distance of measurement: 3 meter
Channel: 39

- Spurious

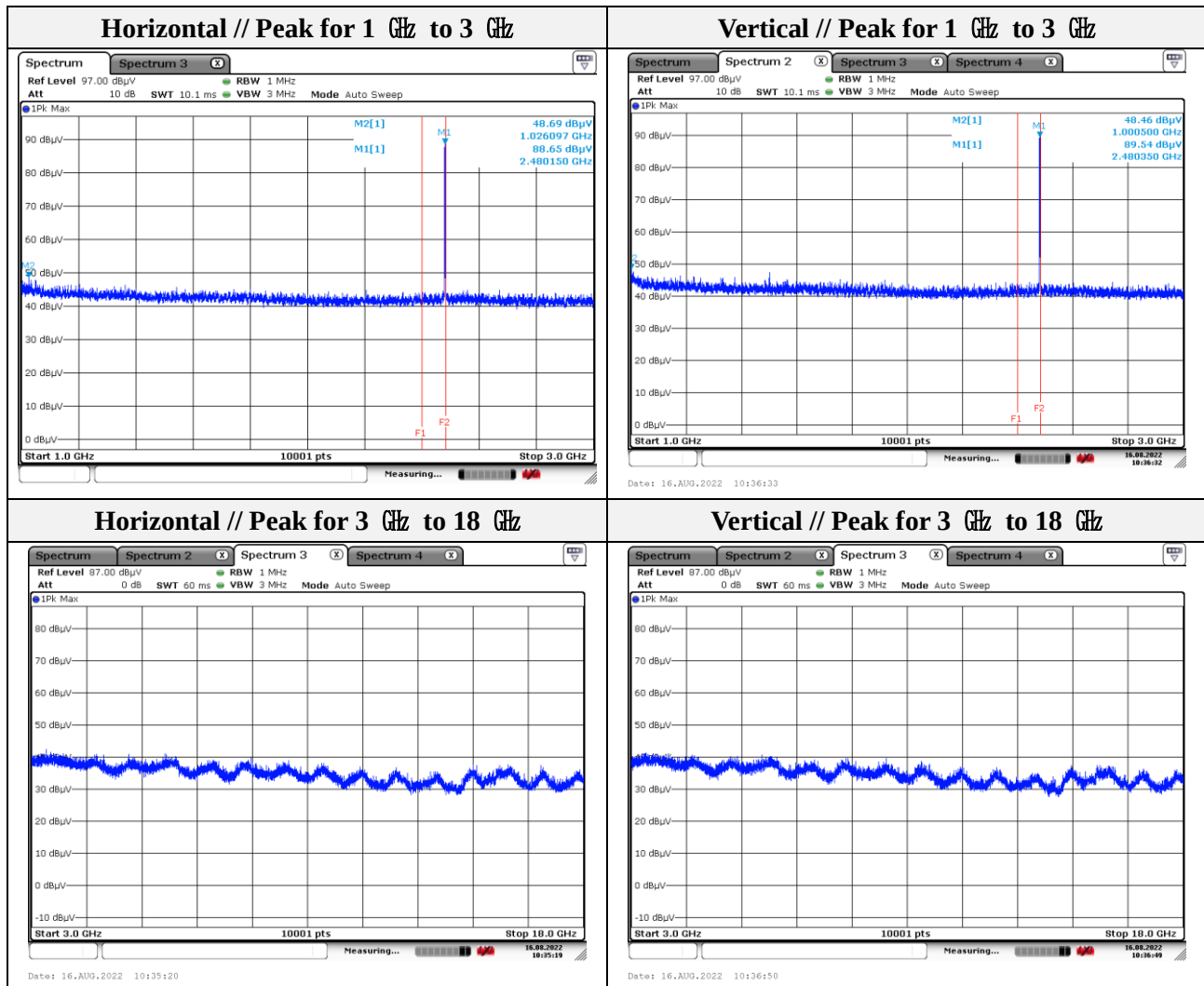
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.50	48.46	Peak	V	-11.16	-	37.30	74.00	36.70
1 026.10	48.69	Peak	H	-11.02	-	37.67	74.00	36.33

- 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)
2 485.44	45.20	Peak	H	-2.39	-	42.81	74.00	31.19
2 489.25	43.26	Peak	V	-2.38	-	41.55	74.00	32.45



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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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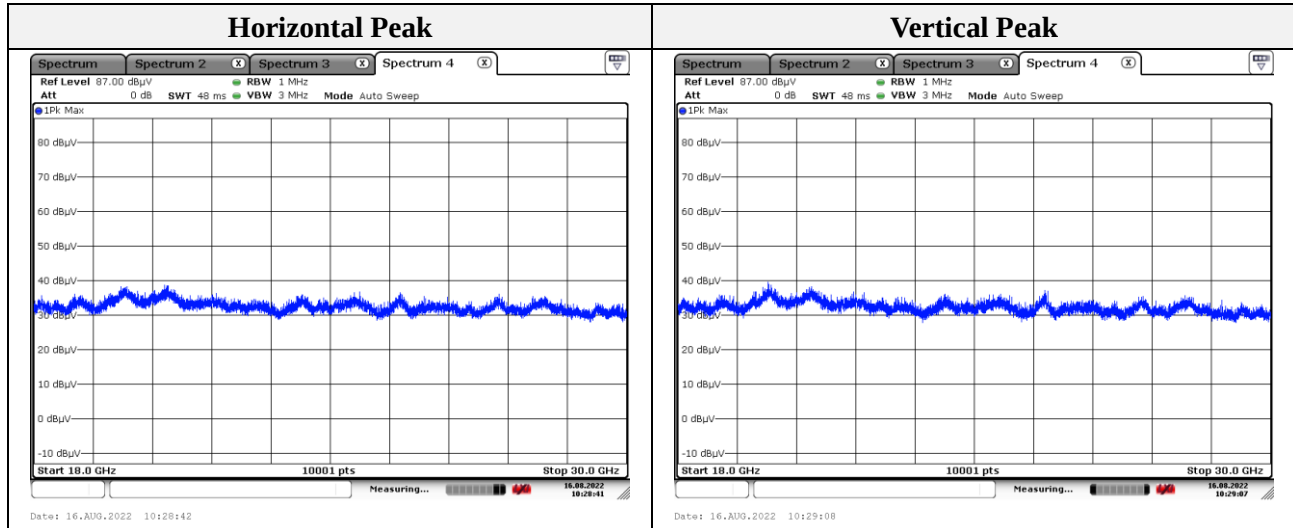
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Test results (18 GHz to 30 GHz) – Worst case

Mode: LE 1 Mbps
Distance of measurement: 3 meter
Channel: 00 (Worst case)



Note.

No spurious emission were detected above 18 GHz.

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Mode: 802.11b

Distance of measurement: 3 meter

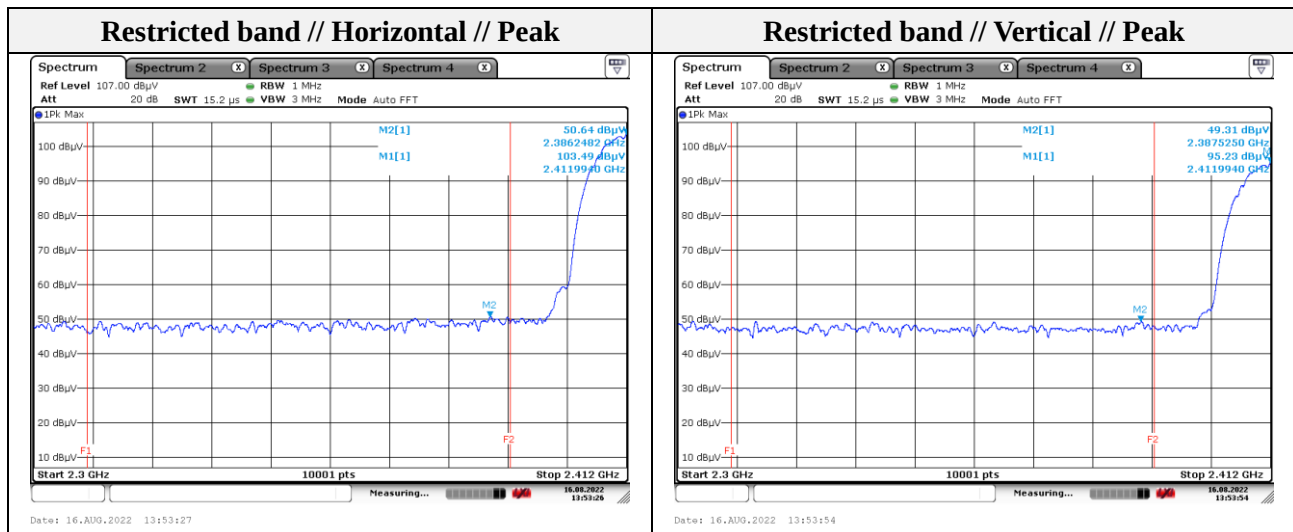
Channel: 1

- Spurious

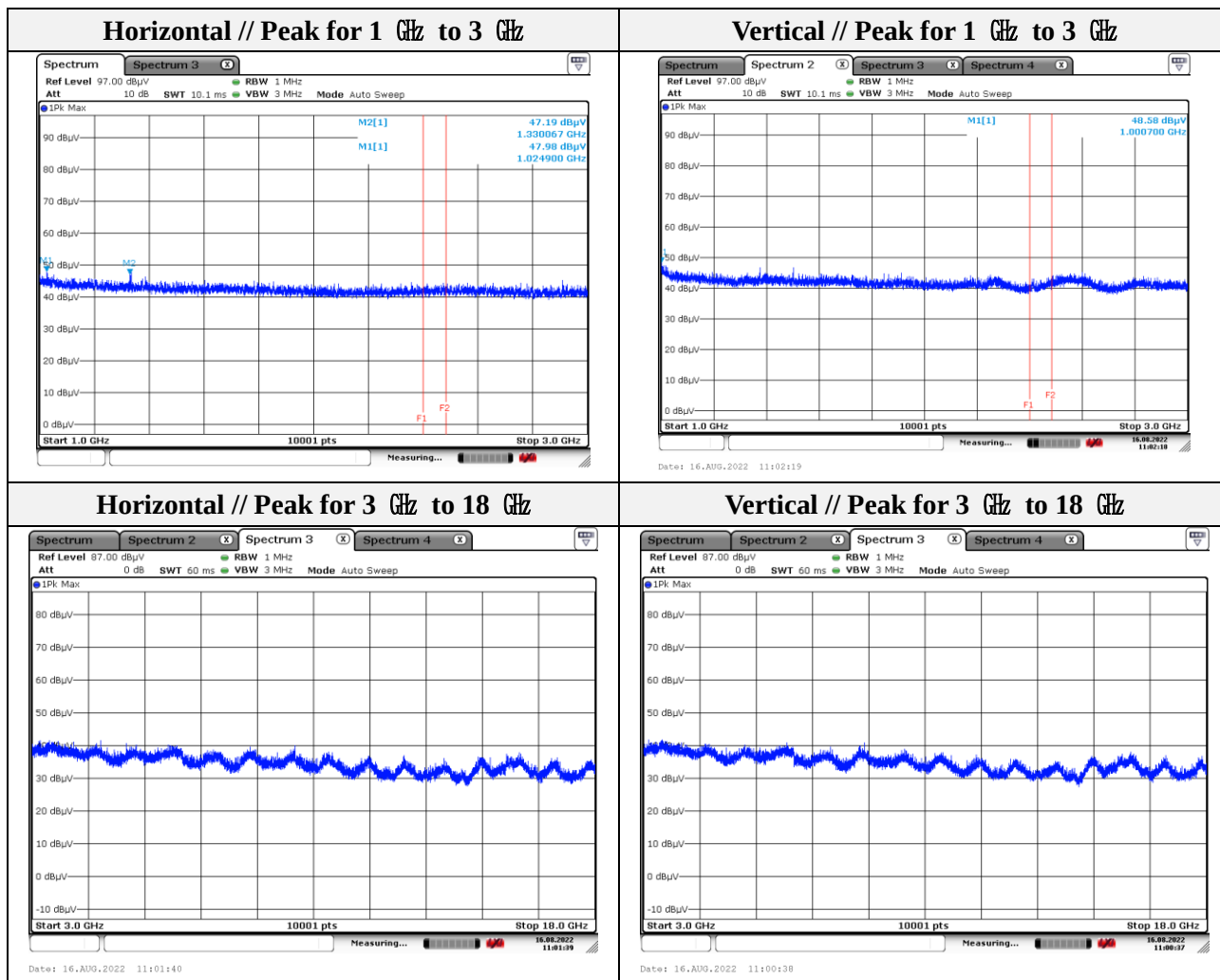
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.70	48.58	Peak	V	-9.44	-	39.14	74.00	34.86
1 024.90	47.98	Peak	H	-9.42	-	38.56	74.00	35.44
1 330.07	47.19	Peak	H	-9.06	-	38.13	74.00	35.87

- 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)
2 386.25	50.64	Peak	H	-3.54	-	47.10	74.00	26.90
2 387.53	49.31	Peak	V	-3.54	-	45.77	74.00	28.23



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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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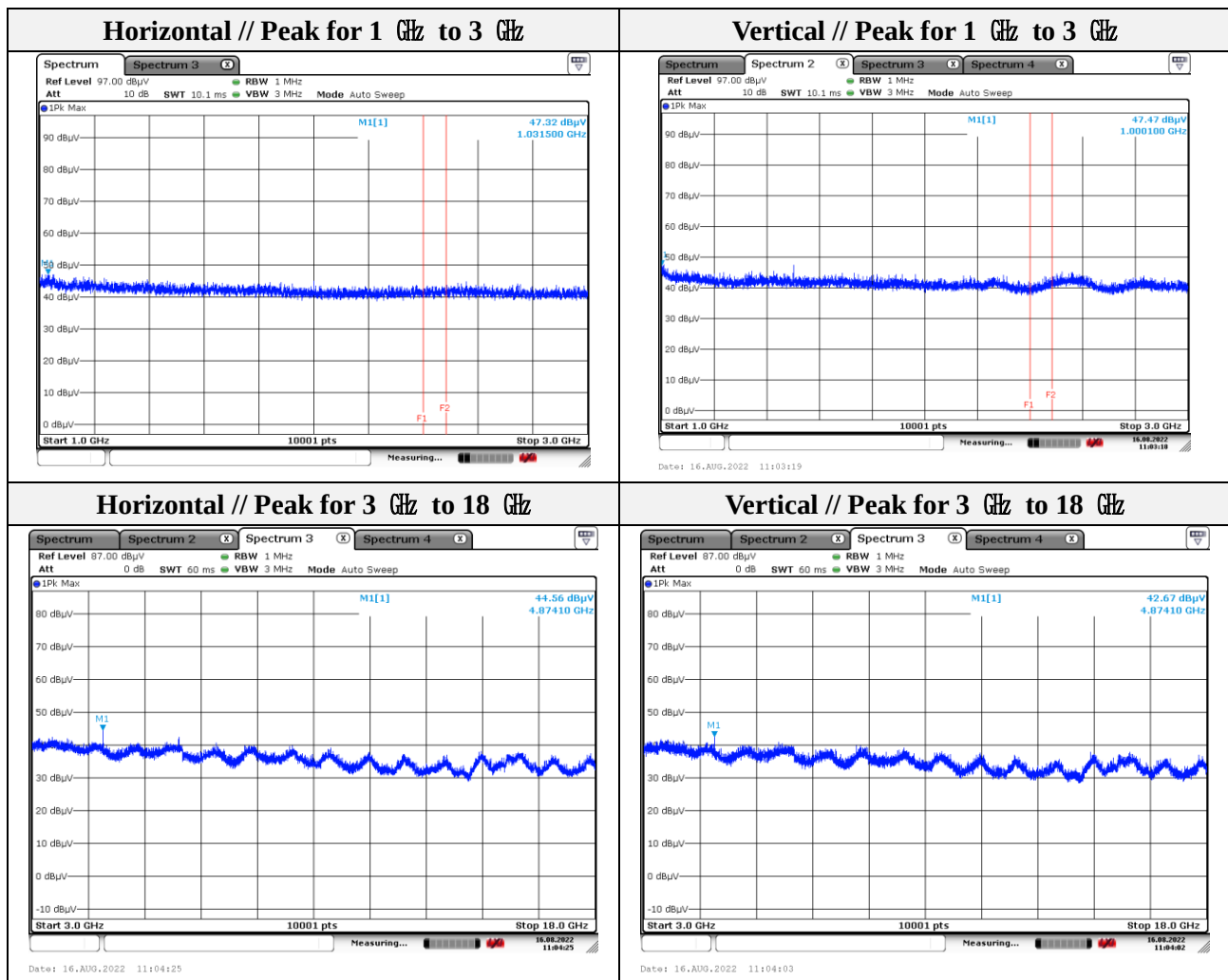
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Mode: 802.11b
Distance of measurement: 3 meter
Channel: 6

- Spurious

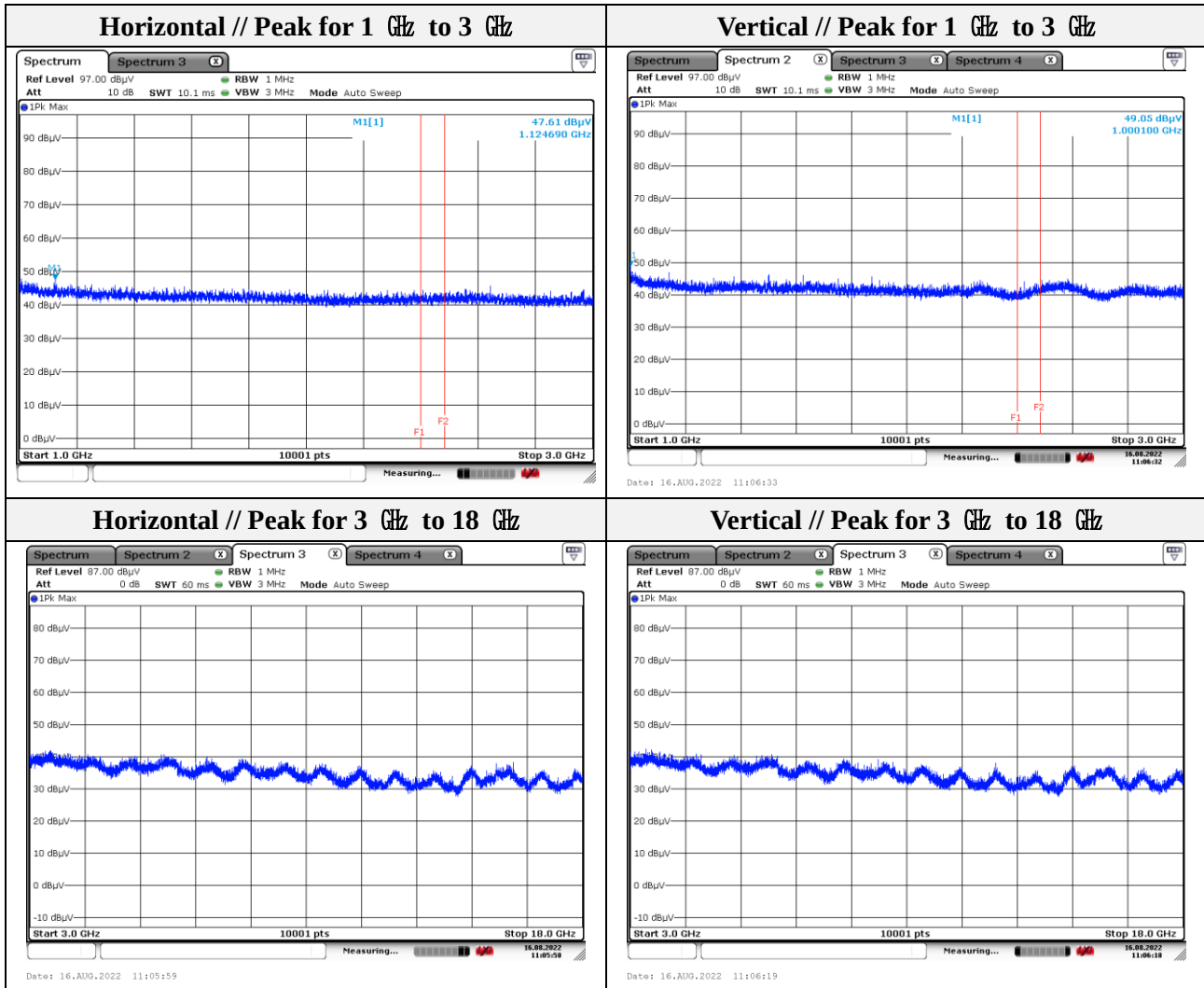
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.10	47.47	Peak	V	-9.44	-	38.03	74.00	35.97
1 031.50	47.32	Peak	H	-9.41	-	37.91	74.00	36.09
4 874.10	44.56	Peak	H	6.94	-	51.50	74.00	22.50
4 874.10	42.67	Peak	V	6.94	-	49.61	74.00	24.39



Note.

1. No spurious emission were detected above 3 GHz.

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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: 802.11g

Distance of measurement: 3 meter

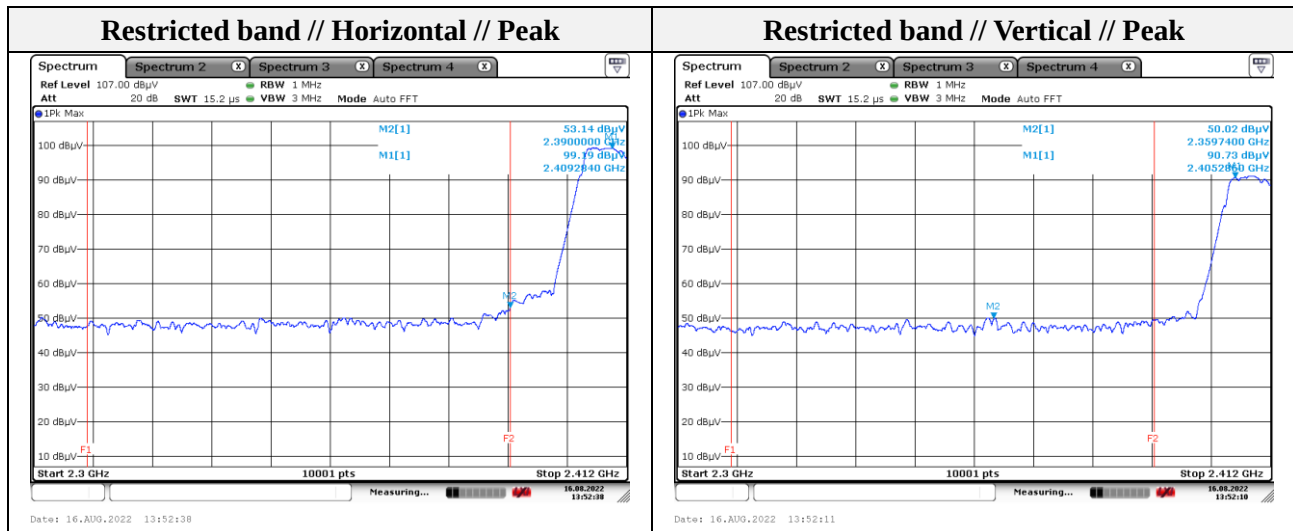
Channel: 1

- Spurious

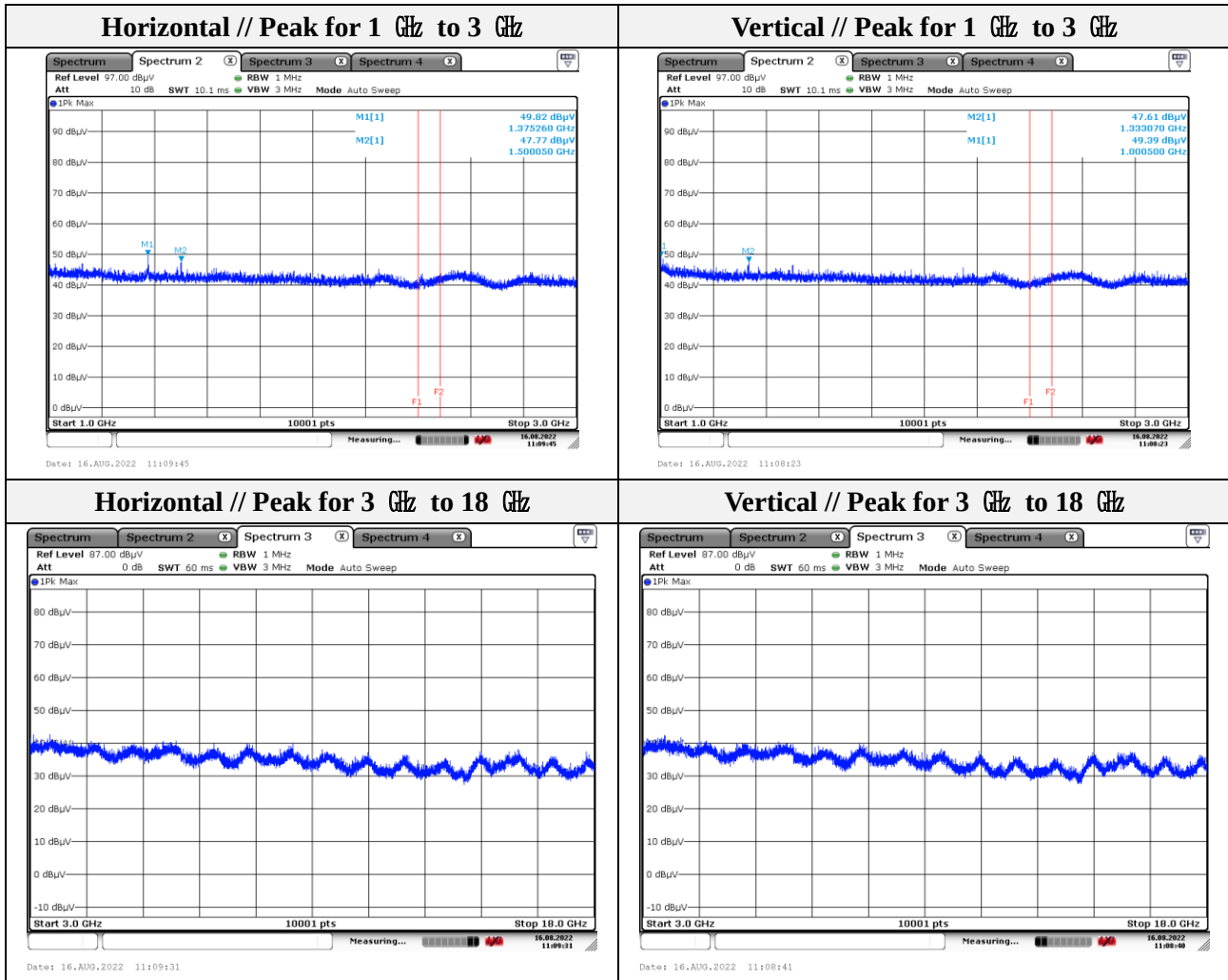
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.50	49.39	Peak	V	-9.44	-	39.95	74.00	34.05
1 333.07	47.61	Peak	V	-9.06	-	38.55	74.00	35.45
1 375.26	49.82	Peak	H	-9.00	-	40.82	74.00	33.18
1 500.05	47.77	Peak	H	-6.57	-	41.20	74.00	32.80

- 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)
2 359.74	50.02	Peak	V	-3.38	-	46.64	74.00	27.36
2 390.00	53.14	Peak	H	-3.55	-	49.59	74.00	24.41



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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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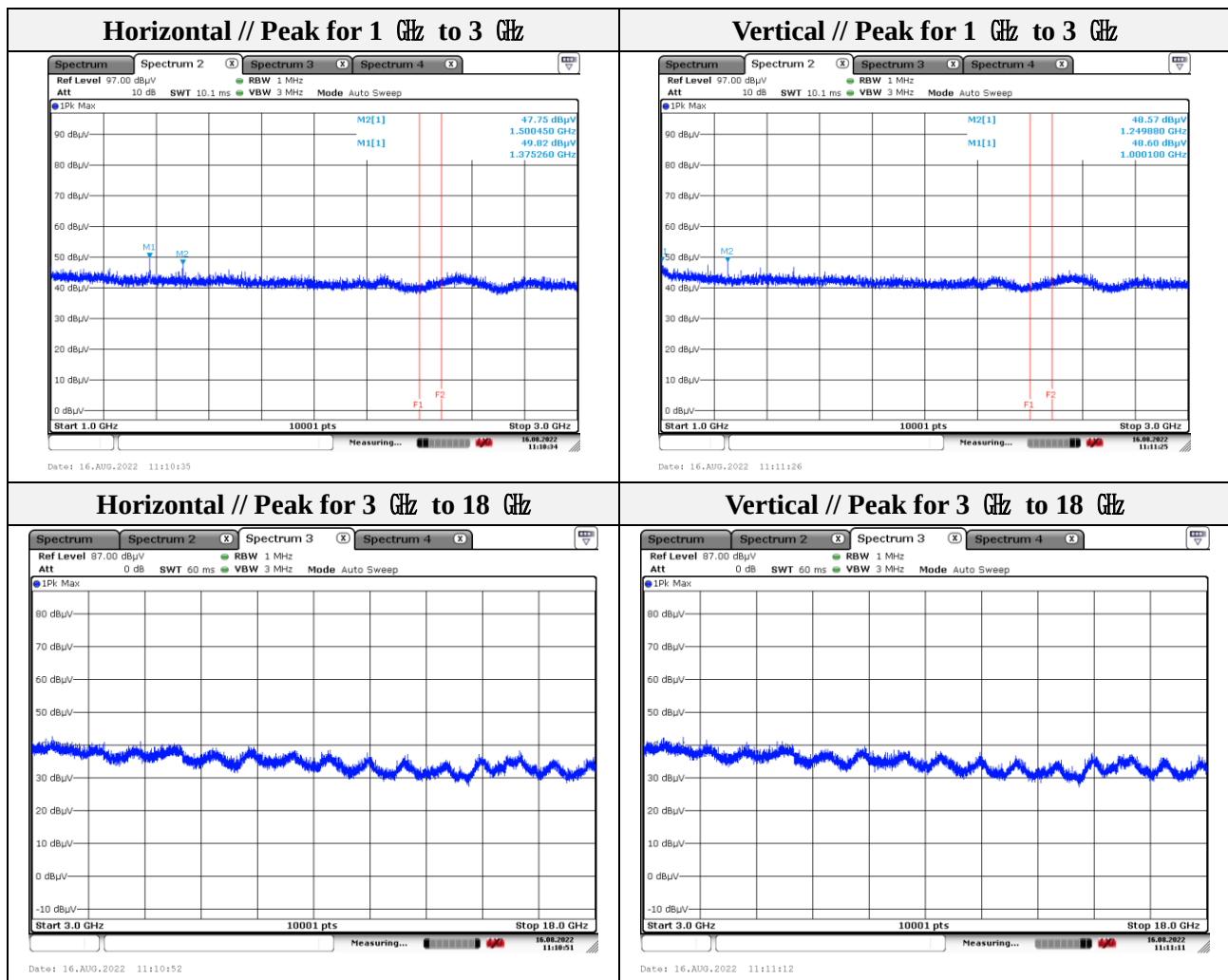
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Mode: 802.11g
Distance of measurement: 3 meter
Channel: 6

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.10	48.60	Peak	V	-9.44	-	39.16	74.00	34.84
1 249.88	48.57	Peak	V	-9.17	-	39.40	74.00	34.60
1 375.26	49.82	Peak	H	-9.00	-	40.82	74.00	33.18
1 500.45	47.75	Peak	H	-6.57	-	41.18	74.00	32.82



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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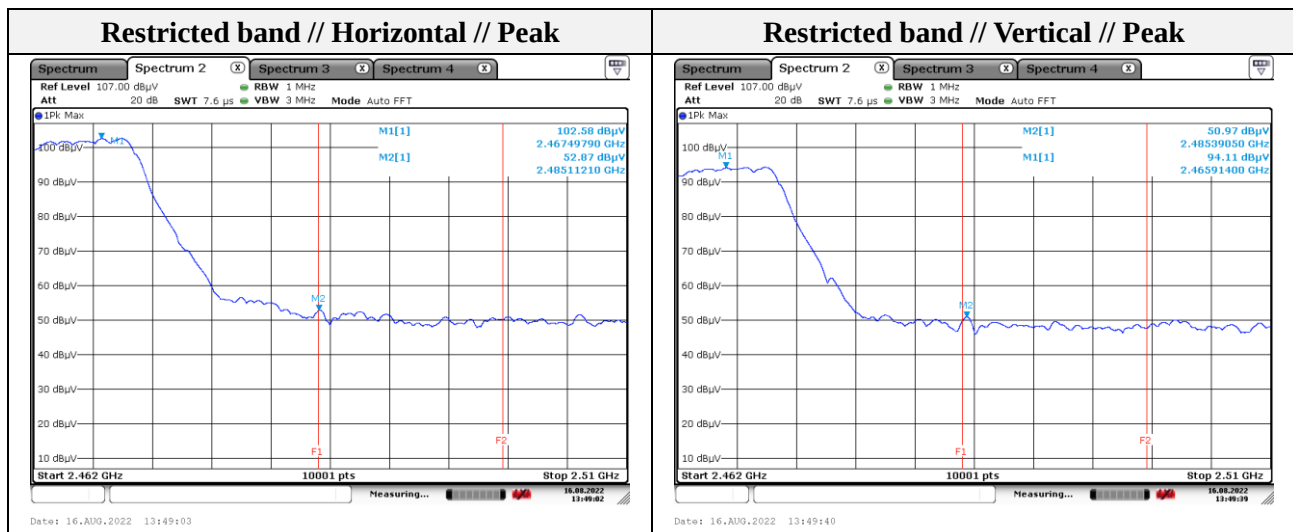
Mode: 802.11g
Distance of measurement: 3 meter
Channel: 11

- Spurious

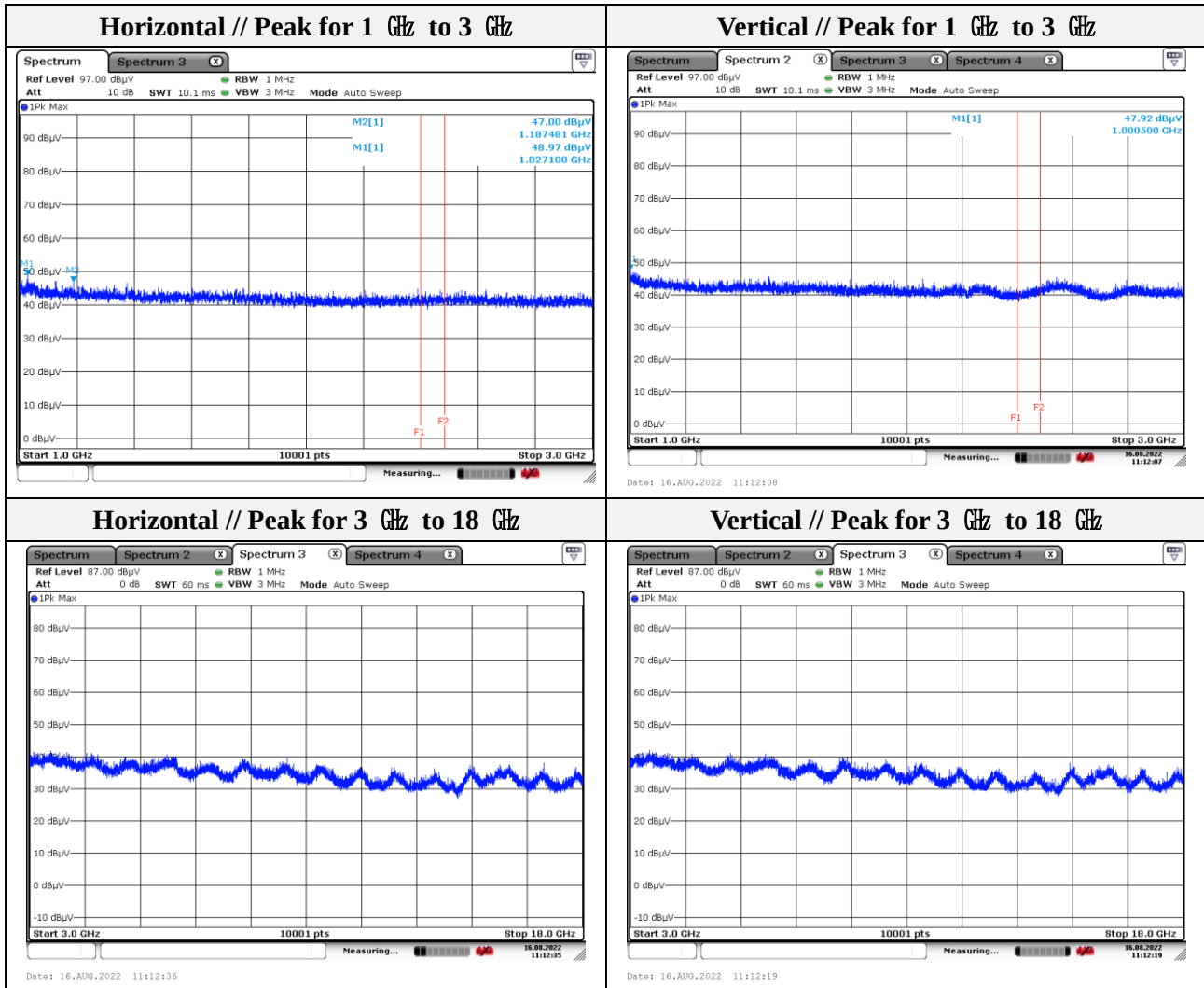
Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
1 000.50	47.92	Peak	V	-9.44	-	38.48	74.00	35.52
1 027.10	48.97	Peak	H	-9.41	-	39.56	74.00	34.44
1 187.48	47.00	Peak	H	-9.26	-	37.74	74.00	36.26

- Band edge

Frequency (MHz)	Level (dB μ V)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
2 485.11	52.87	Peak	H	-4.17	-	48.70	74.00	25.30
2 485.39	50.97	Peak	V	-4.17	-	46.80	74.00	27.20



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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: 802.11n_HT20

Distance of measurement: 3 meter

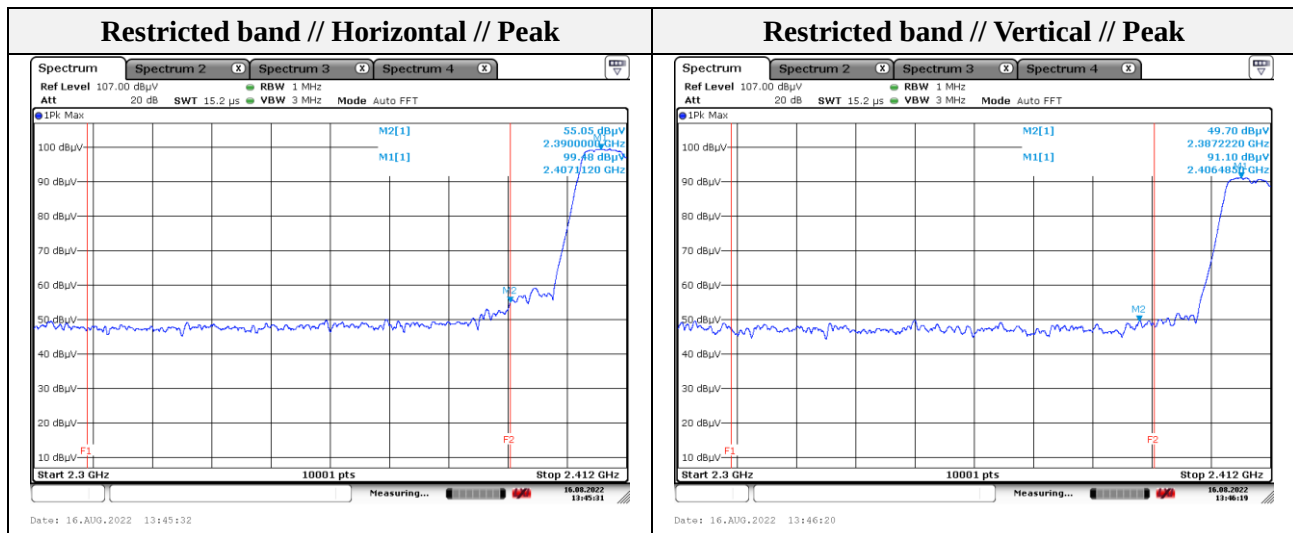
Channel: 1

- Spurious

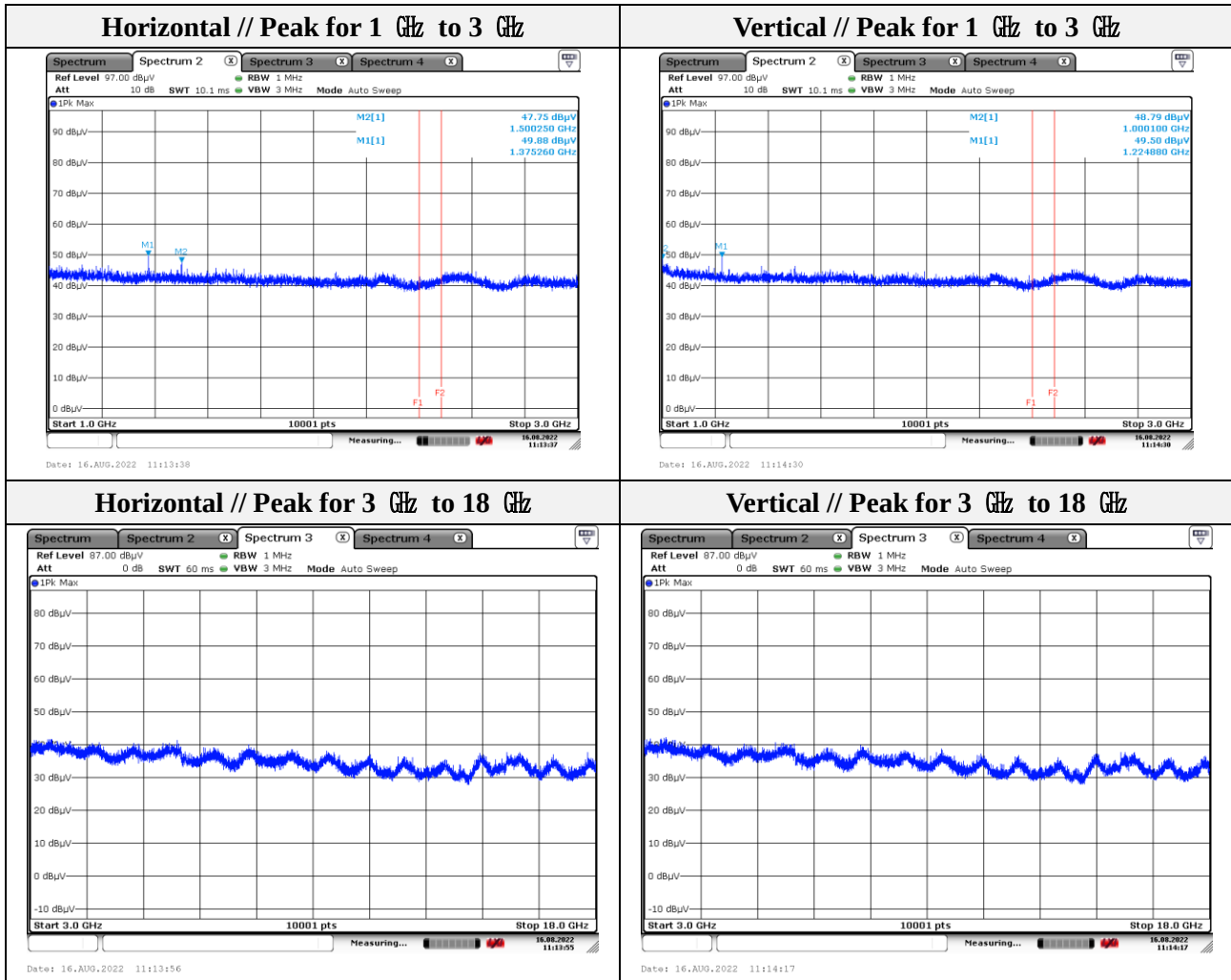
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.10	48.79	Peak	V	-9.44	-	40.30	74.00	33.70
1 224.88	49.50	Peak	V	-9.20	-	40.88	74.00	33.12
1 375.26	49.88	Peak	H	-9.00	-	39.35	74.00	34.65
1 500.25	47.75	Peak	H	-6.57	-	40.88	74.00	33.12

- 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)
2 387.22	49.70	Peak	V	-3.54	1.74	46.16	74.00	27.84
2 390.00	55.05	Peak	H	-3.55	-	51.50	74.00	22.50



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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: 802.11n_HT20

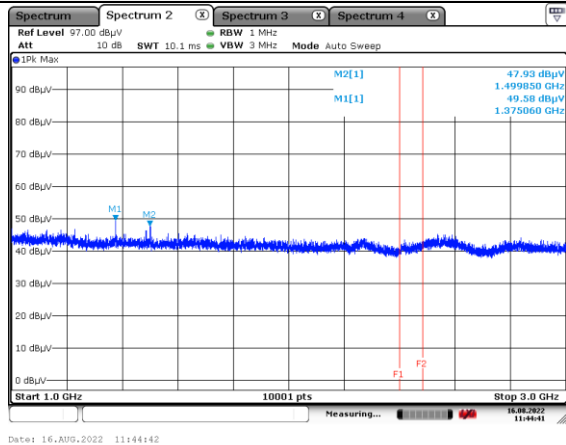
Distance of measurement: 3 meter

Channel: 6

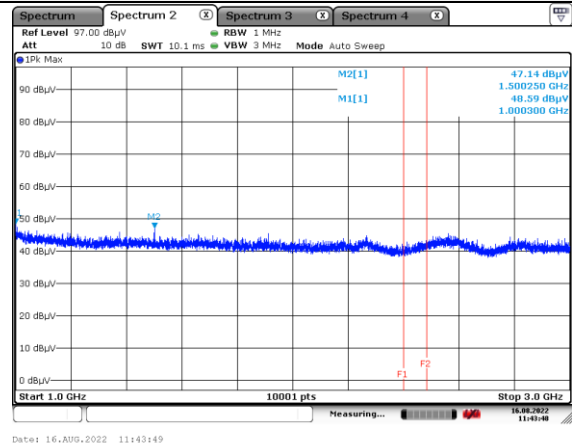
- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.30	48.59	Peak	V	-9.44	-	39.15	74.00	34.85
1 375.06	49.58	Peak	H	-9.00	-	40.58	74.00	33.42
1 499.85	47.93	Peak	H	-8.96	-	38.97	74.00	35.03
1 500.25	47.14	Peak	V	-6.57	-	40.57	74.00	33.43

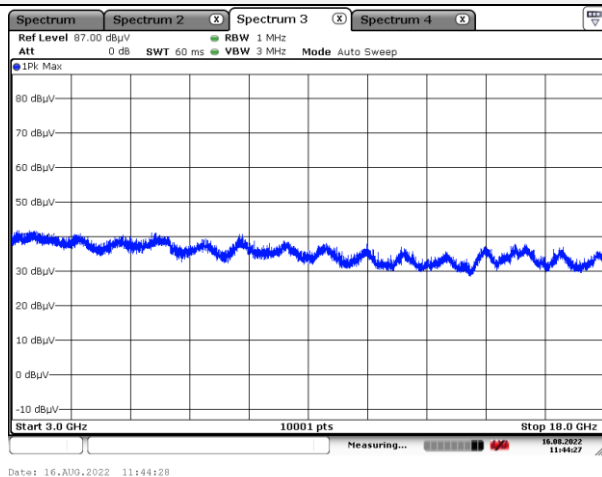
Horizontal // Peak for 1 GHz to 3 GHz



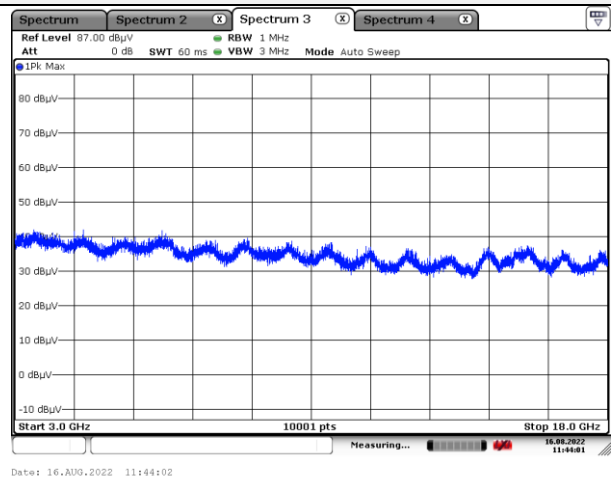
Vertical // Peak for 1 GHz to 3 GHz



Horizontal // Peak for 3 GHz to 18 GHz



Vertical // Peak for 3 GHz to 18 GHz



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: 802.11n_HT20

Distance of measurement: 3 meter

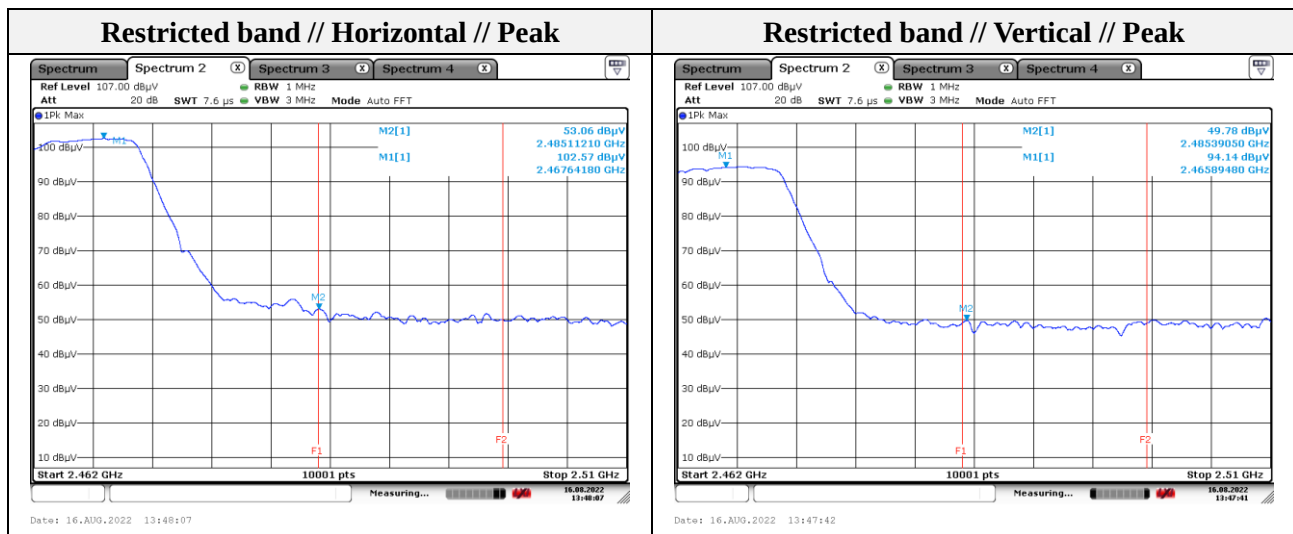
Channel: 11

- Spurious

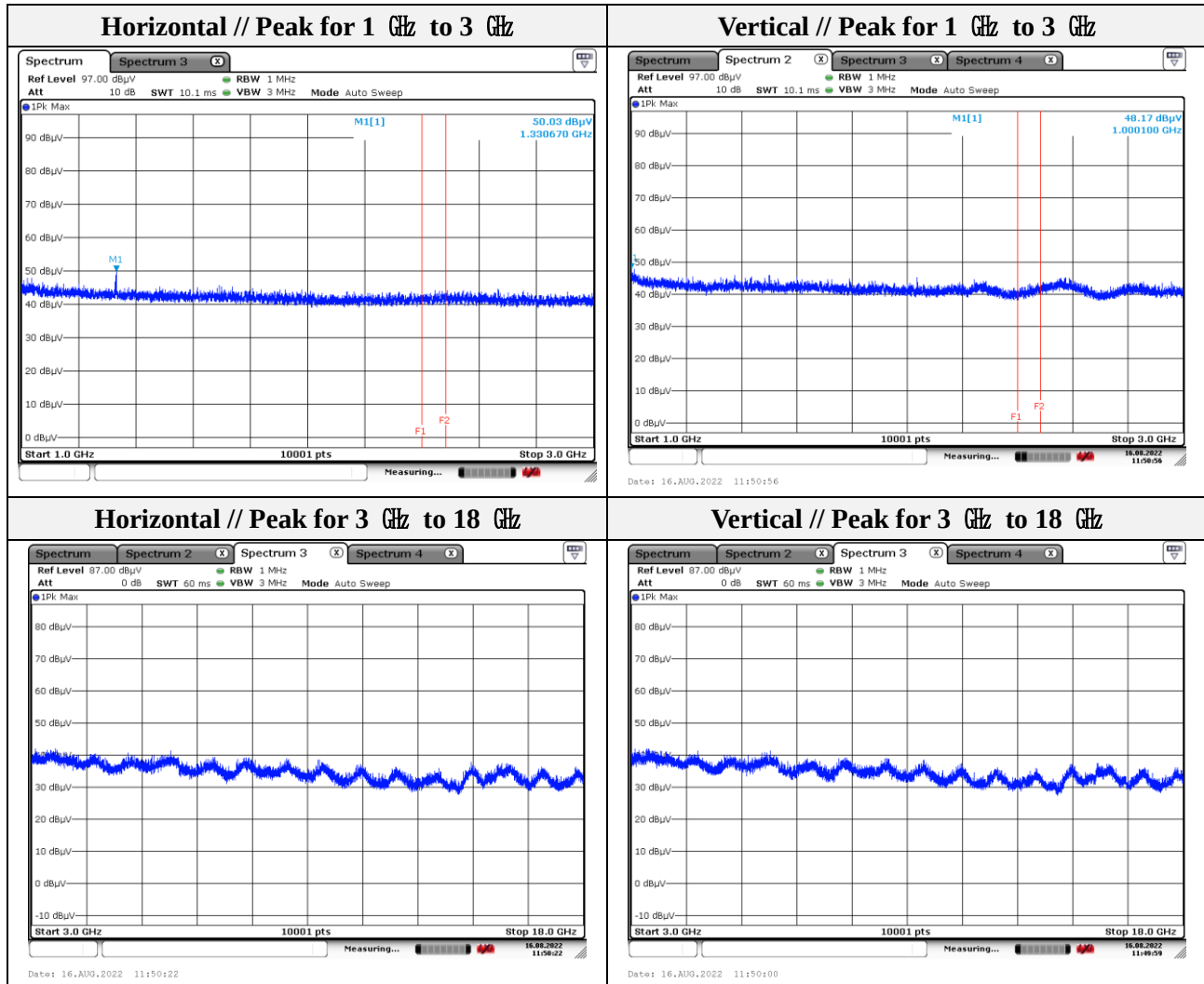
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.10	48.17	Peak	V	-9.44	-	38.73	74.00	35.27
1 330.67	50.03	Peak	H	-9.05	-	40.98	74.00	33.02

- 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)
2 485.11	53.06	Peak	H	-4.17	-	48.89	74.00	25.11
2 485.39	49.78	Peak	V	-4.17	-	45.61	74.00	28.39



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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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Test results (Above 1 000 MHz)

Mode: 802.11n_HT40

Distance of measurement: 3 meter

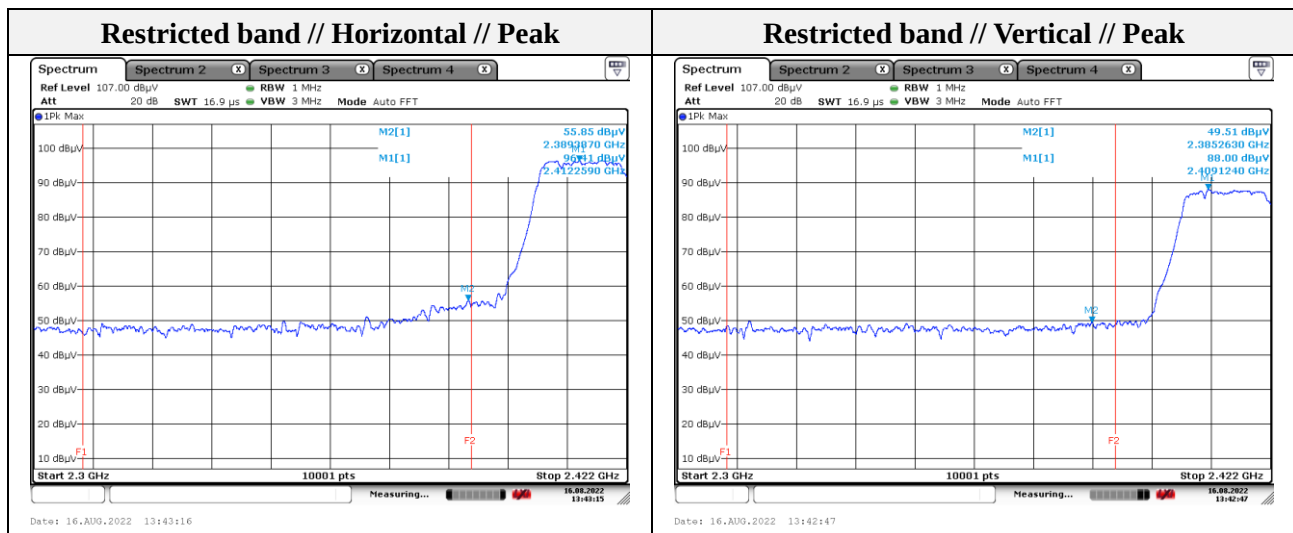
Channel: 3

- Spurious

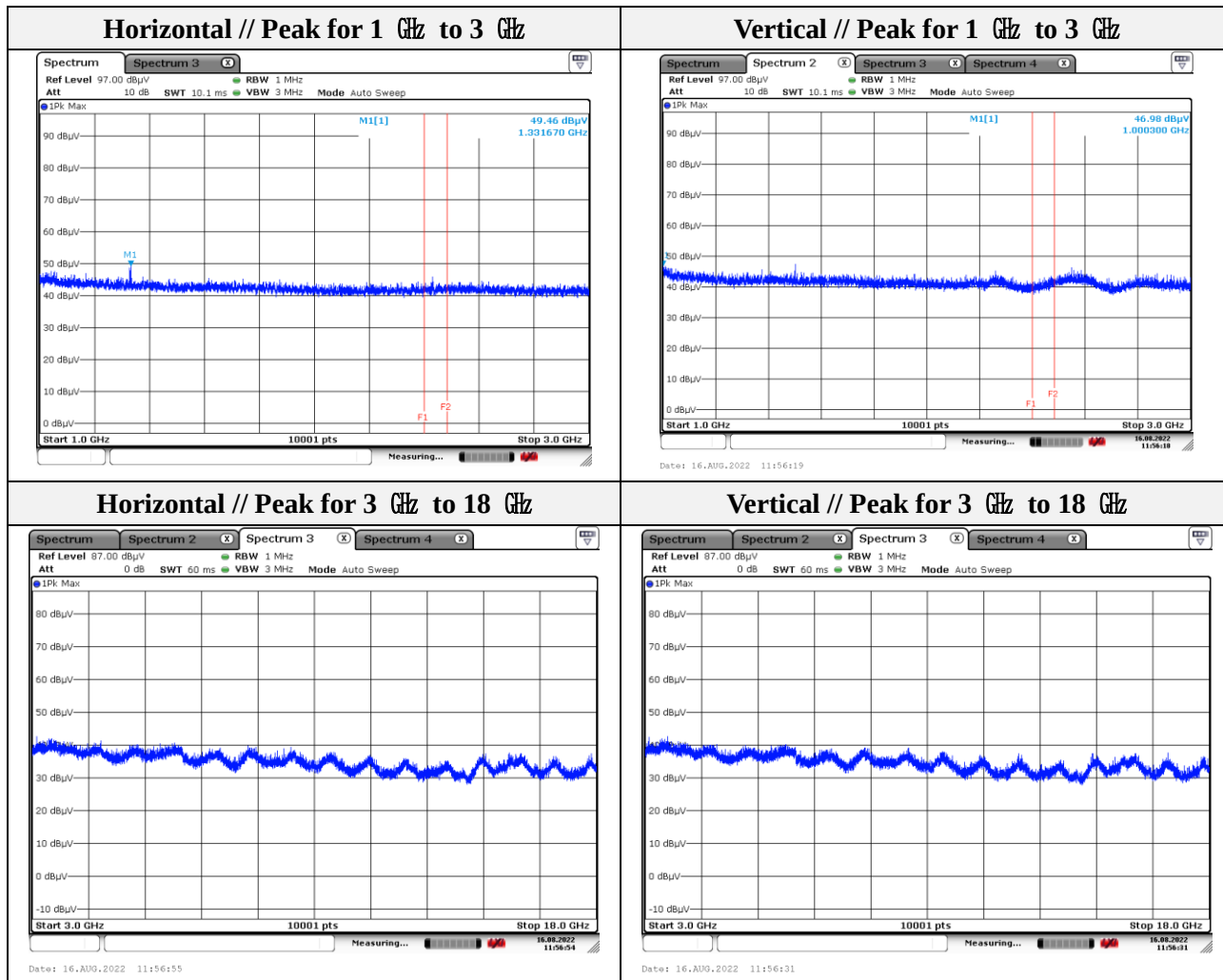
Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.30	46.98	Peak	V	-9.44	-	37.54	74.00	36.46
1 331.67	49.46	Peak	H	-9.06	-	40.40	74.00	33.60

- 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)
2 385.26	49.51	Peak	V	-3.53	-	45.98	74.00	28.02
2 389.39	55.85	Peak	H	-3.55	-	52.30	74.00	21.70



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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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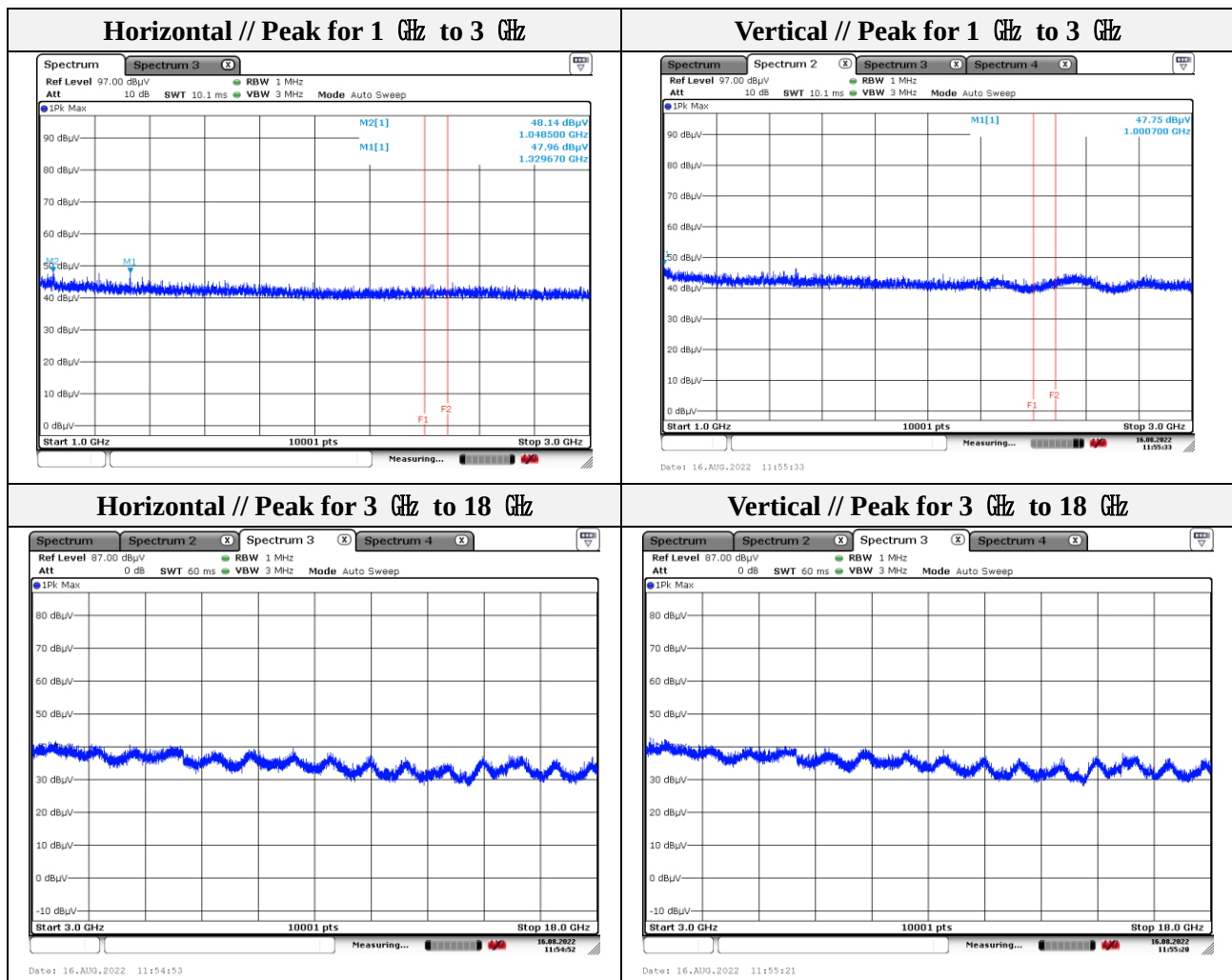
Mode: 802.11n_HT40

Distance of measurement: 3 meter

Channel: 6

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 000.70	47.75	Peak	V	-9.44	-	38.31	74.00	35.69
1 048.50	48.14	Peak	H	-9.39	-	38.75	74.00	35.25
1 329.67	47.96	Peak	H	-9.06	-	38.90	74.00	35.10



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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Report No.:

KES-RF1-22T0141

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Mode: 802.11n_HT40

Distance of measurement: 3 meter

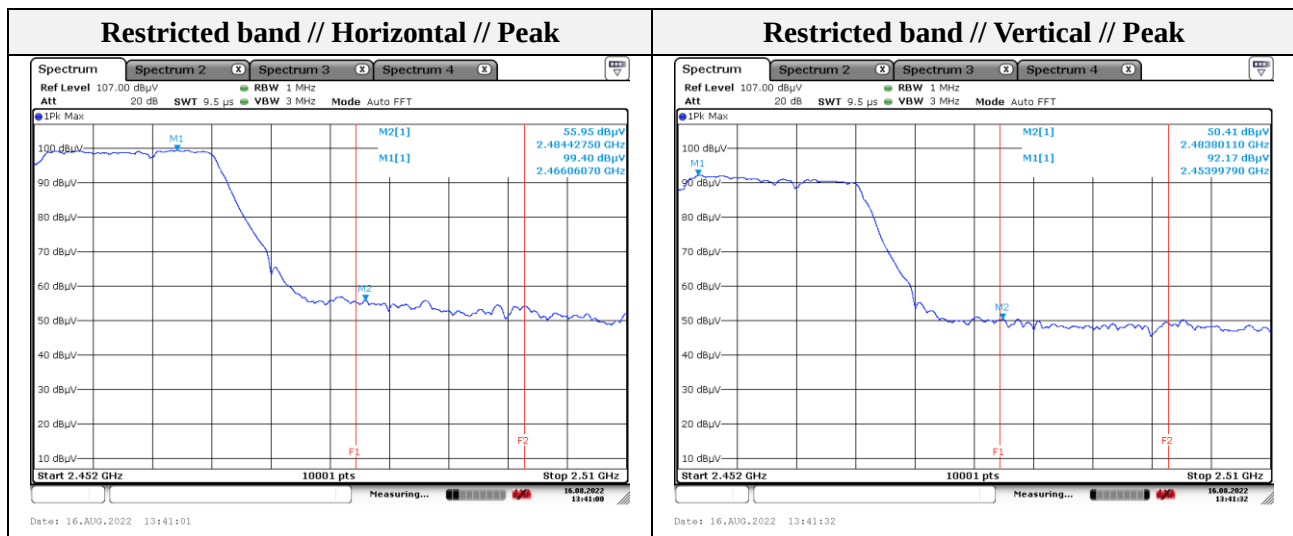
Channel: 9

- Spurious

Frequency (MHz)	Level (dBμV)	Detect mode	Ant. Pol. (H/V)	CF (dB)	DCF (dB)	Field strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1 007.10	47.89	Peak	V	-9.43	-	38.46	74.00	35.54
1 374.86	49.36	Peak	H	-9.00	-	40.36	74.00	33.64
1 499.85	46.67	Peak	H	-8.96	-	37.71	74.00	36.29

- 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)
2 483.80	50.41	Peak	V	-4.16	-	46.25	74.00	27.75
2 484.43	55.95	Peak	H	-4.16	-	51.79	74.00	22.21



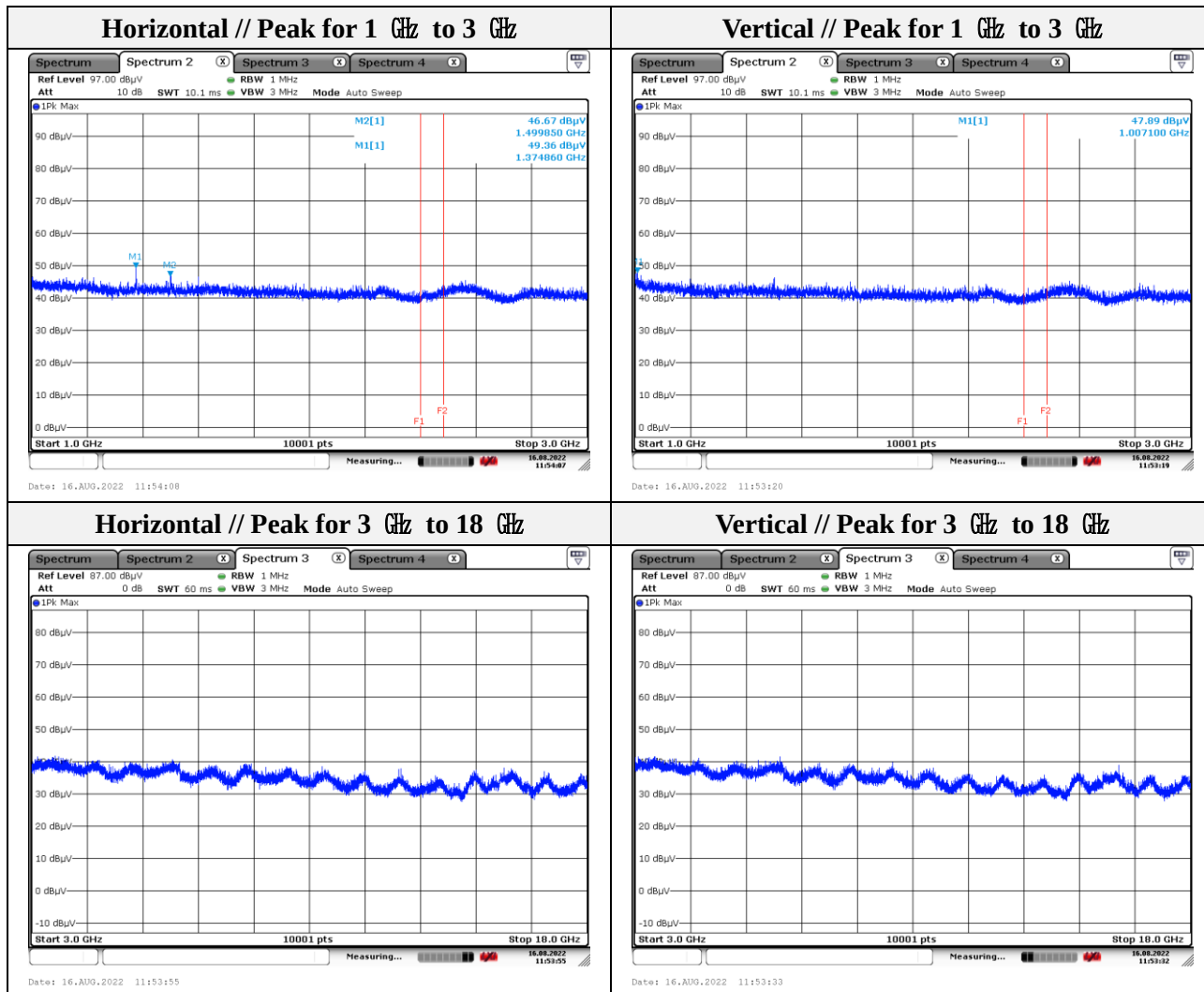
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Note.

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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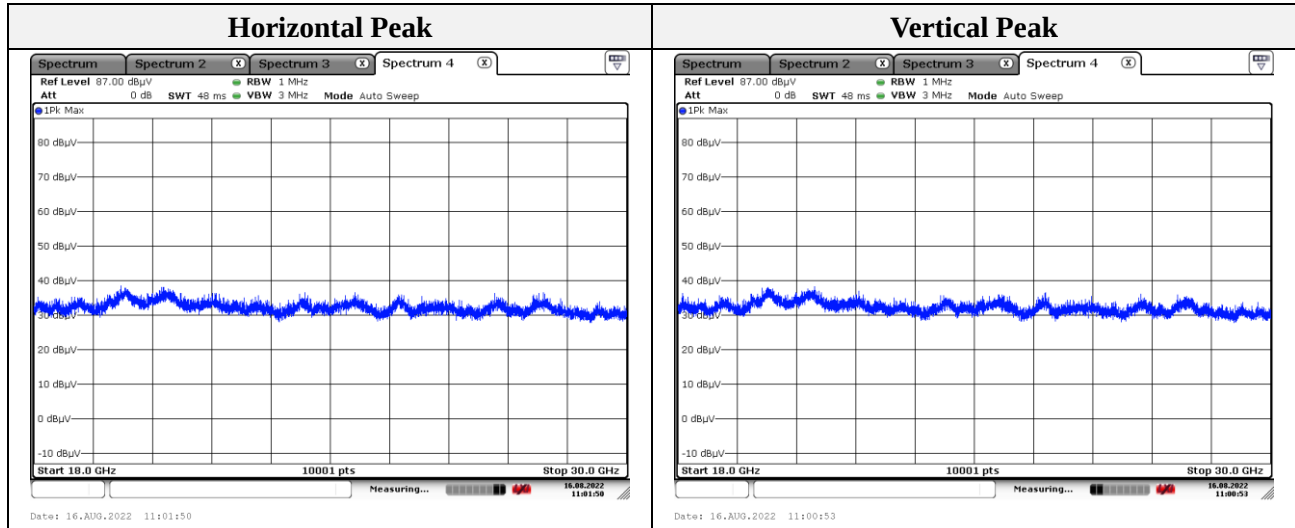
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Test results (18 GHz to 30 GHz) – Worst case

Mode: 802.11n_HT40(Worst case)

Distance of measurement: 3 meter

Channel: 03 (Worst case)



Note.

No spurious emission were detected above 18 GHz.

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