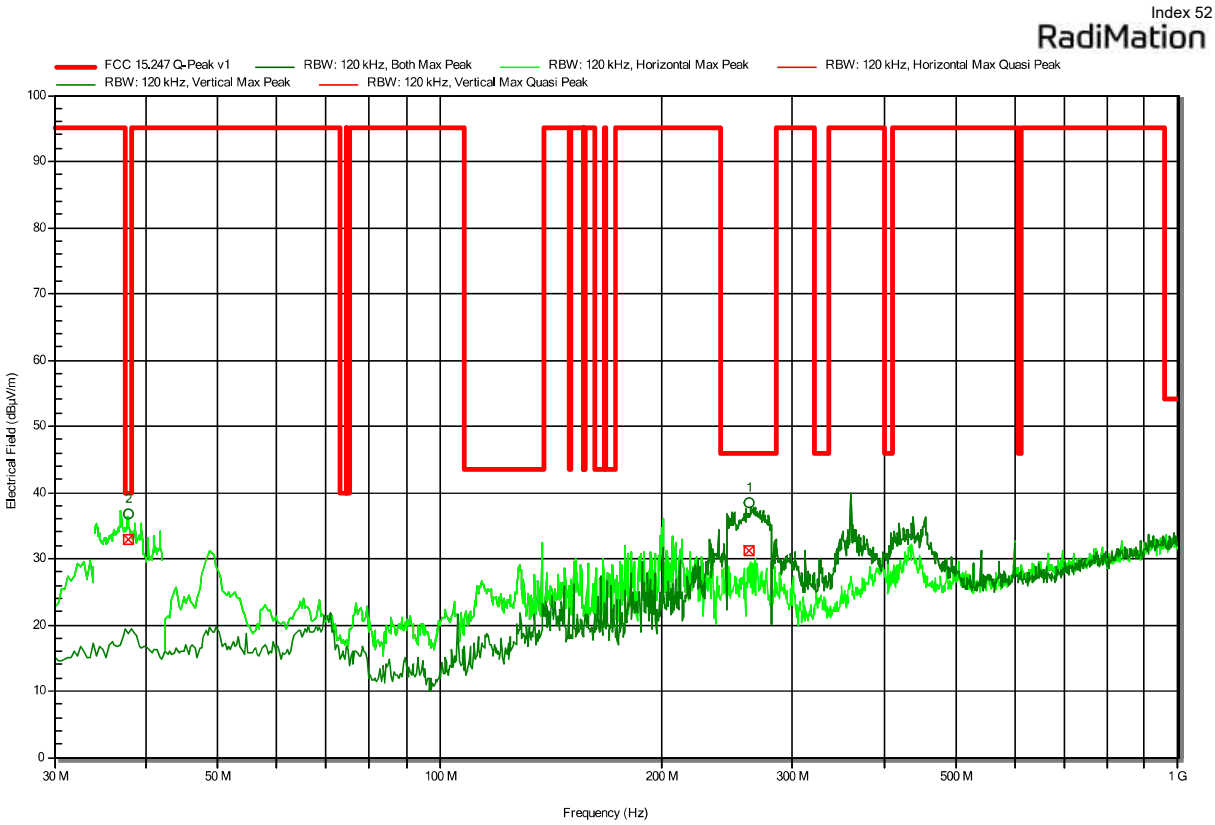
ANNEX A Transmitter spurious emissions

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

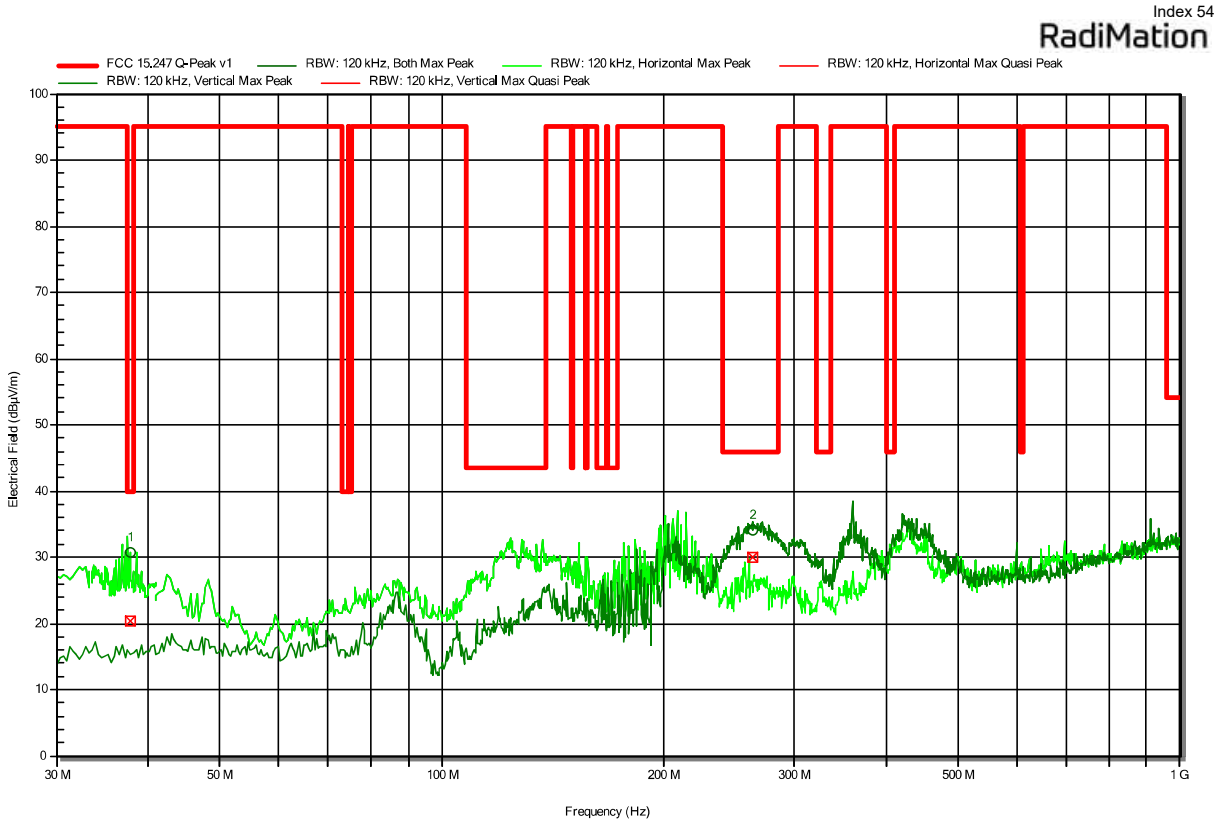
Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck VULB 9168
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2402 MHz; Transmit Radio 2, 2440 MHz
Test Date:	2024-09-09
Note:	



Peak Number	Frequency (MHz)	Quasi-Peak (dBµV/m)	Quasi-Peak Limit (dBµV/m)	Quasi-Peak Difference (dB)	Quasi-Peak Status	Polarization
1	262.803	31.1	46	-14.9	Pass	Vertical
2	37.7194	33	40	-7.03	Pass	Horizontal

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

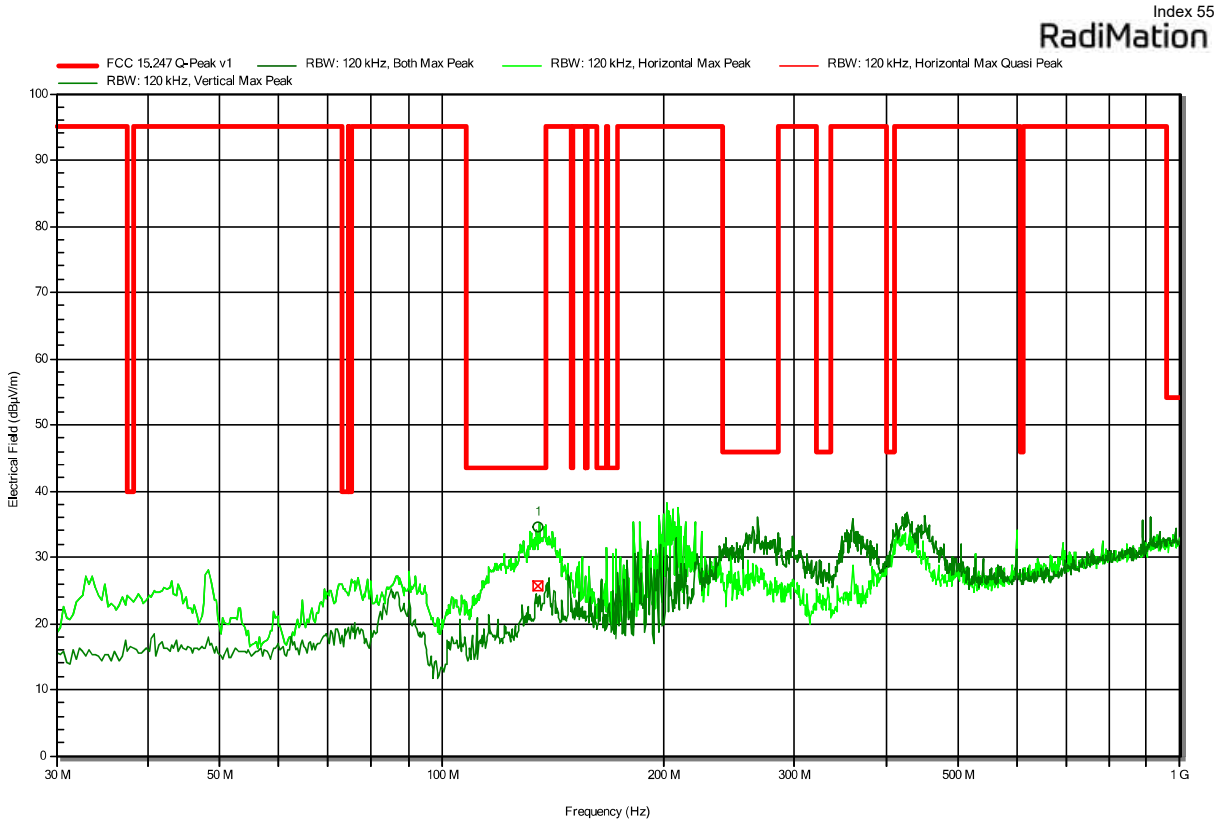
Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck VULB 9168
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2440 MHz; Transmit Radio 2, 2480 MHz
Test Date:	2024-09-09
Note:	



Peak Number	Frequency (MHz)	Quasi-Peak (dBµV/m)	Quasi-Peak Limit (dBµV/m)	Quasi-Peak Difference (dB)	Quasi-Peak Status	Polarization
1	37.76	20.4	40	-19.59	Pass	Horizontal
2	264.0933	30	46	-16.04	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

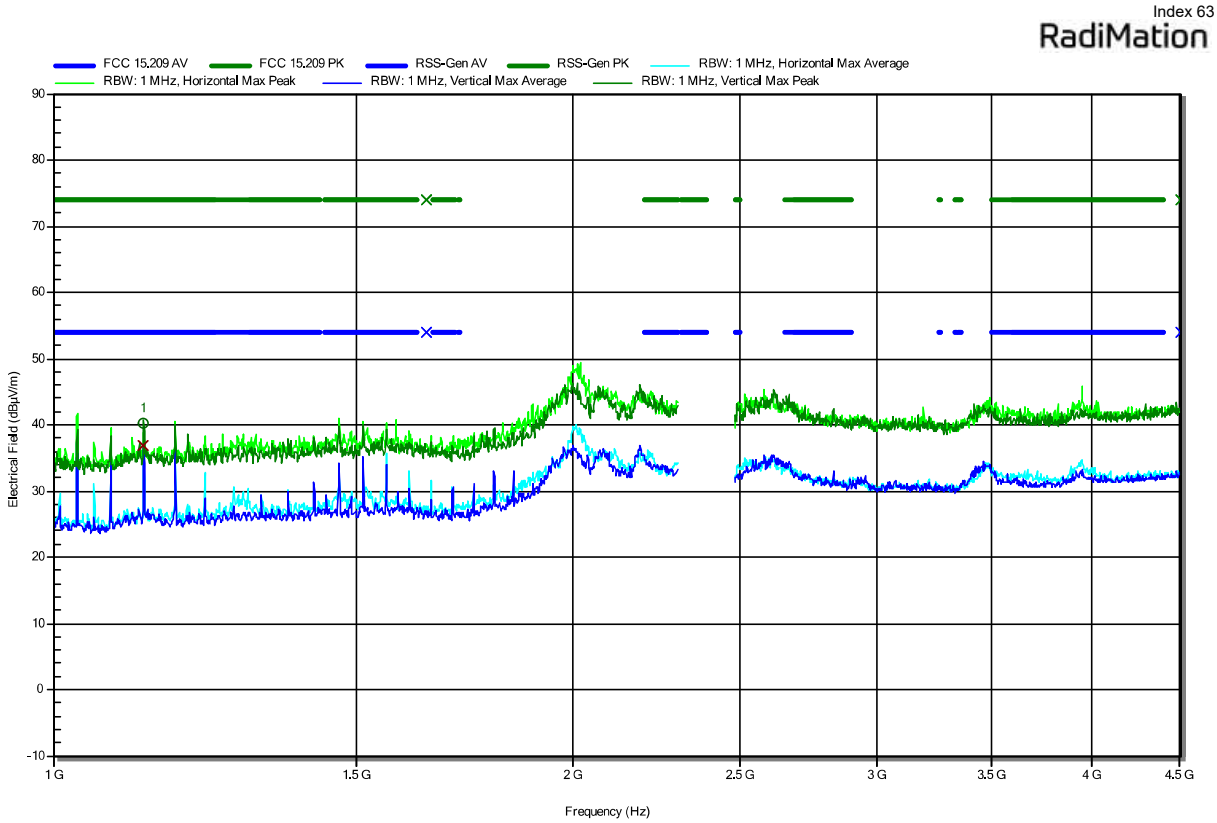
Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck VULB 9168
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2480 MHz; Transmit Radio 2, 2402 MHz
Test Date:	2024-09-09
Note:	



Peak Number	Frequency (MHz)	Quasi-Peak (dBµV/m)	Quasi-Peak Limit (dBµV/m)	Quasi-Peak Difference (dB)	Quasi-Peak Status	Polarization
1	134.6967	25.6	43.5	-17.92	Pass	Horizontal

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2402 MHz
Test Date:	2024-09-10
Note:	

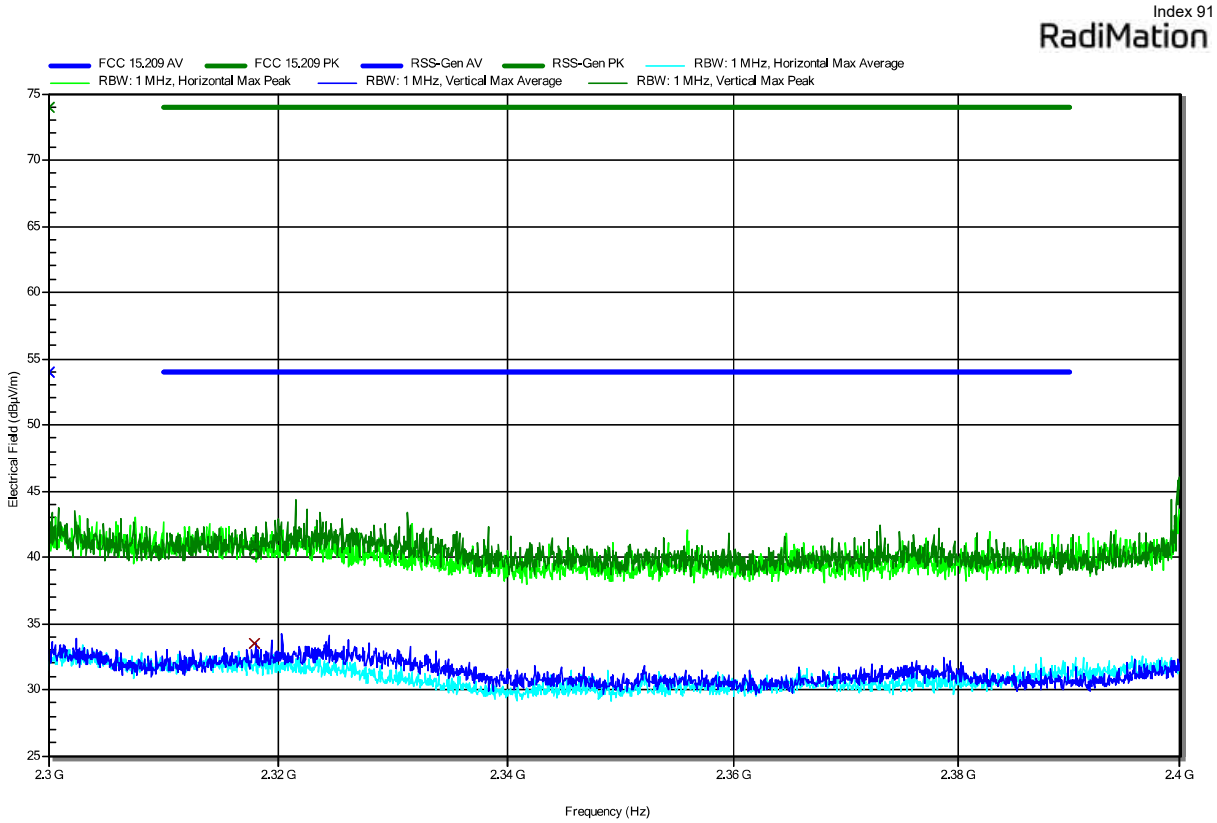


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1128.0067	40.13	74		-33.87	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	1128.0067	36.89	54		-17.11	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2402 MHz
Test Date:	2024-09-10
Note:	

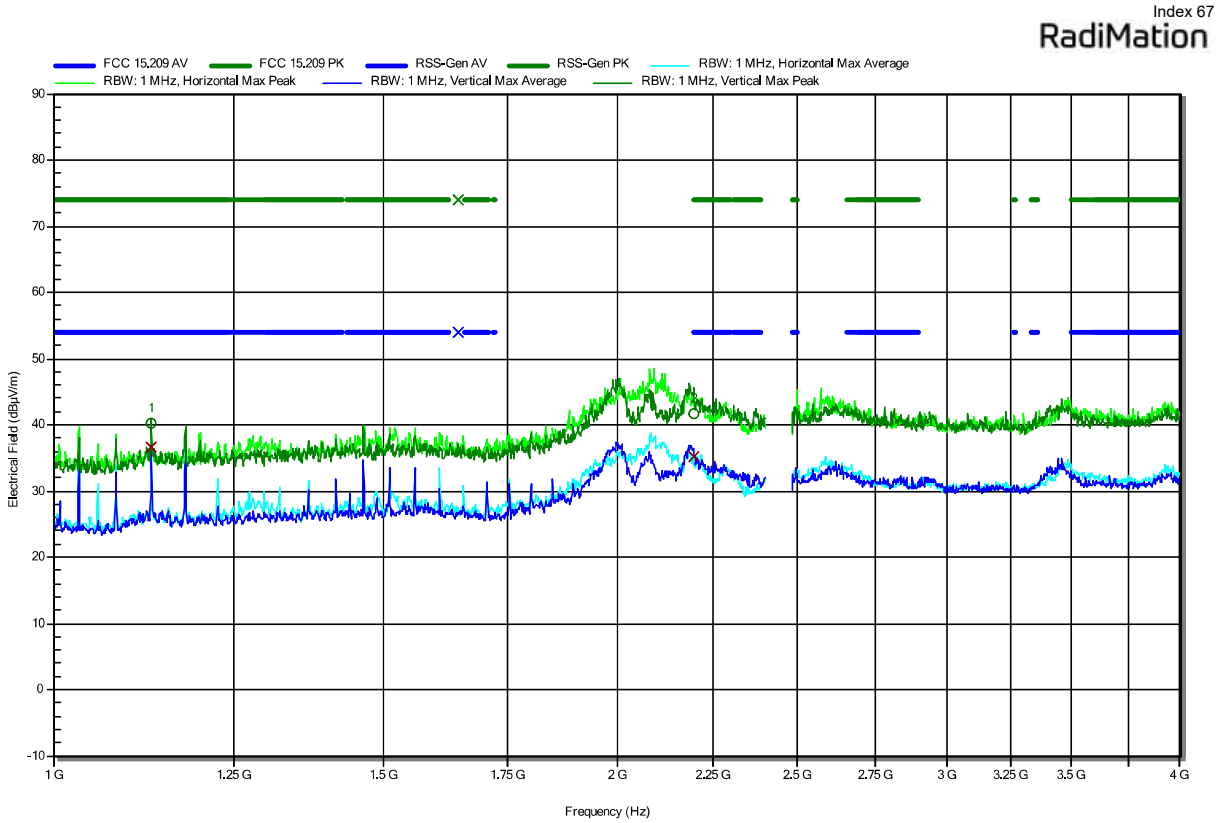


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	2317.93	40.18	74		-33.82	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	2317.93	33.51	54		-20.49	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2440 MHz
Test Date:	2024-09-10
Note:	

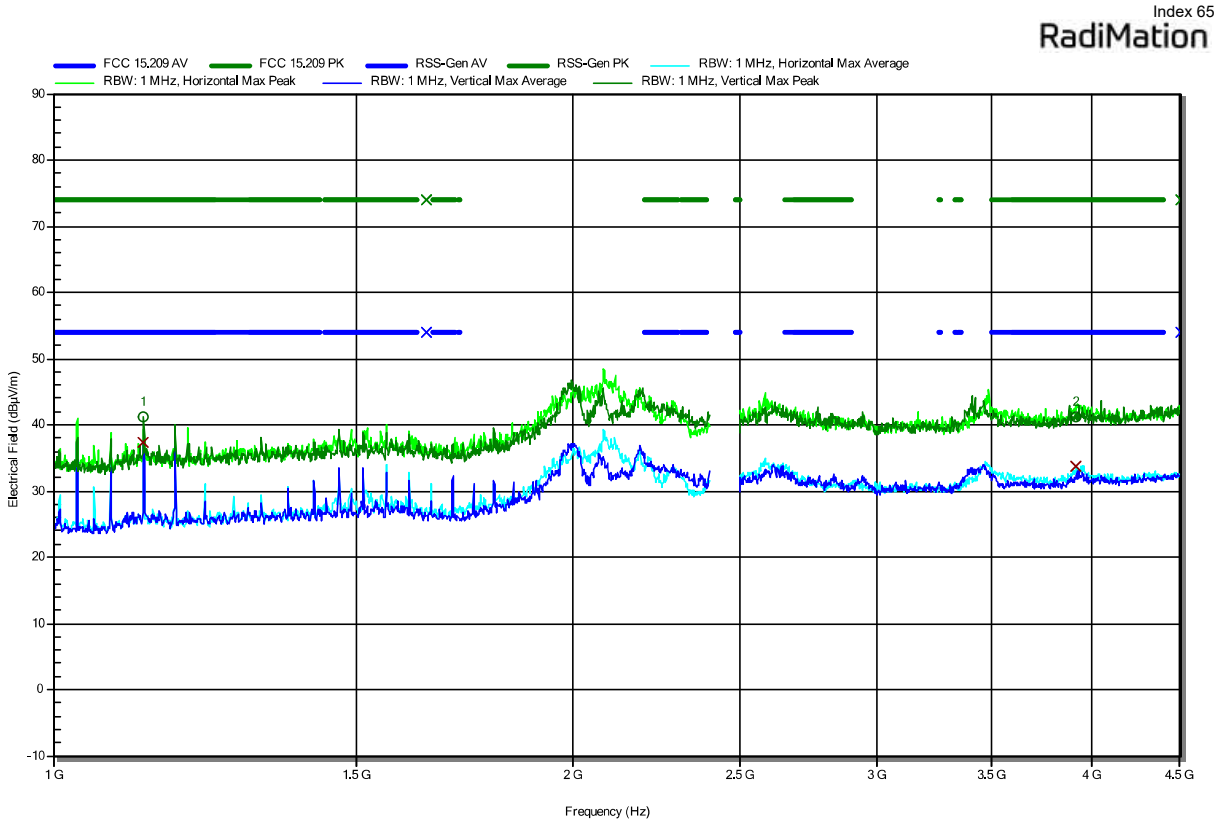


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1127.96	40.14	74		-33.86	Pass	Vertical
2	2201.2467	41.69	74		-32.31	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	1127.96	36.54	54		-17.46	Pass	Vertical
2	2201.2467	35.13	54		-18.87	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2480 MHz
Test Date:	2024-09-10
Note:	

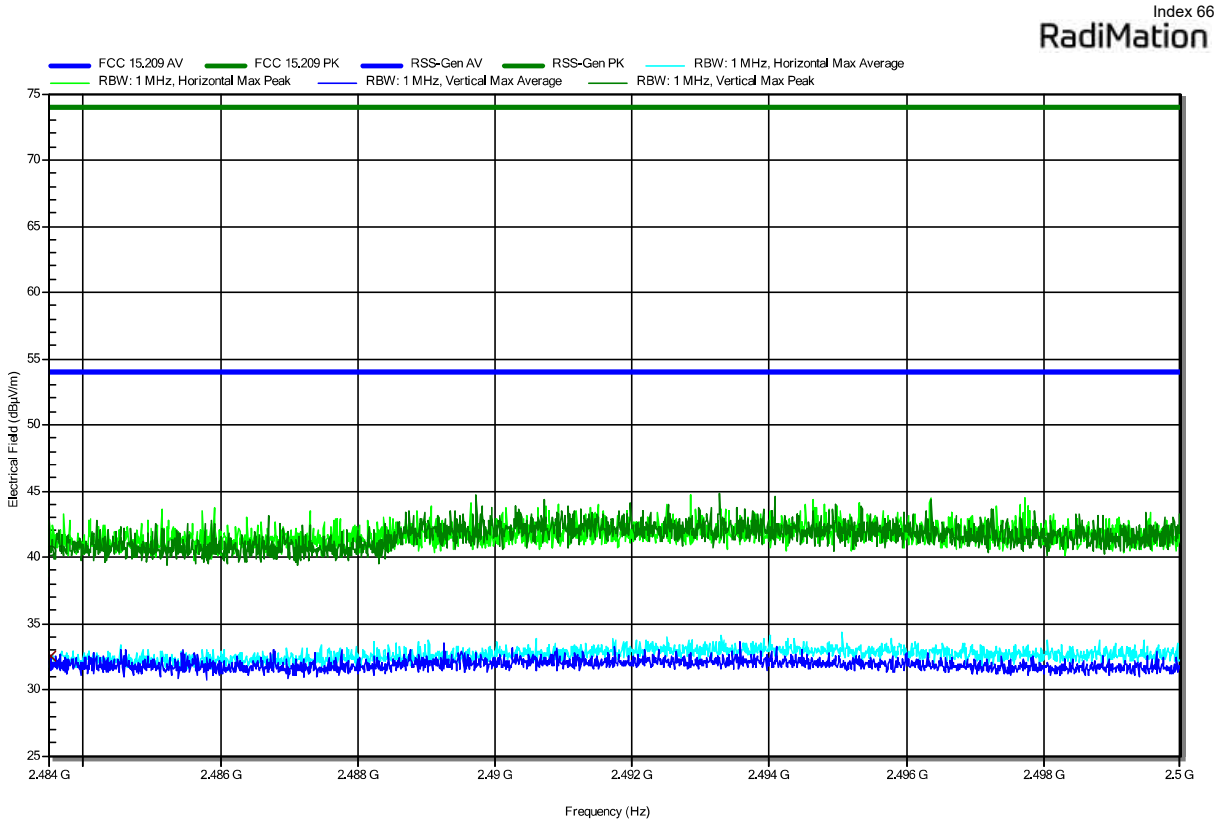


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1128.053	41.17	74		-32.83	Pass	Vertical
2	3915.533	41.27	74		-32.73	Pass	Horizontal

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	1128.053	37.44	54		-16.56	Pass	Vertical
2	3915.533	33.82	54		-20.18	Pass	Horizontal

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2480 MHz
Test Date:	2024-09-10
Note:	

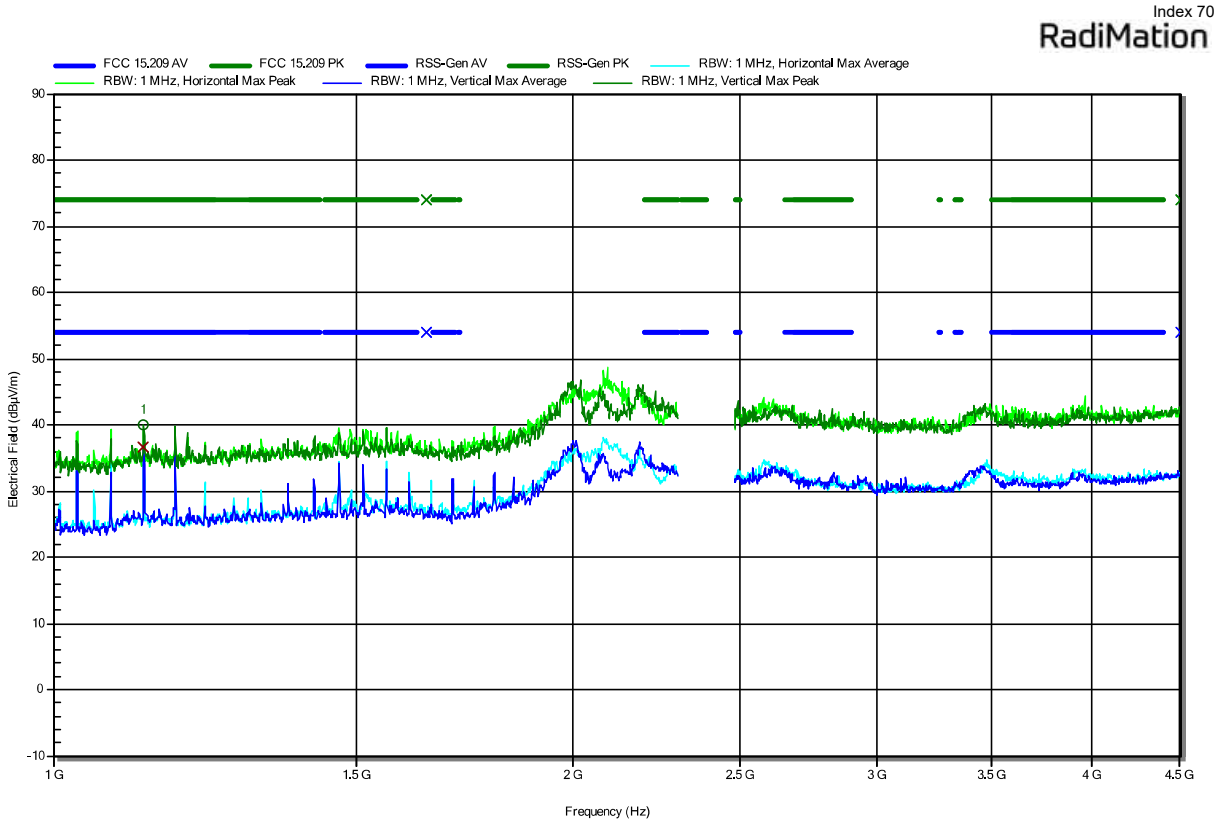


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	2483.527	40.49	74		-33.51	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	2483.527	32.49	54		-21.51	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 2, 2402 MHz
Test Date:	2024-09-10
Note:	

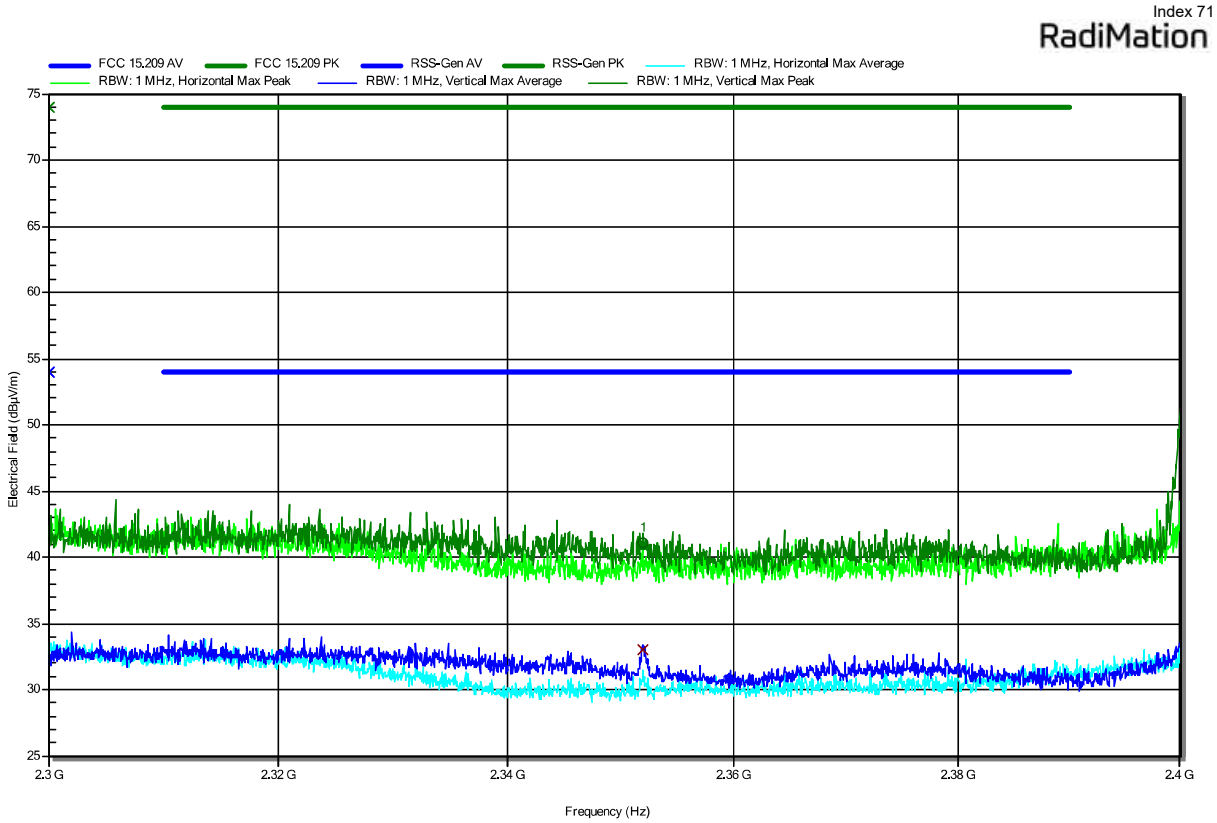


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1127.9633	40.06	74		-33.94	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	1127.9633	36.62	54		-17.38	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 2, 2402 MHz
Test Date:	2024-09-10
Note:	

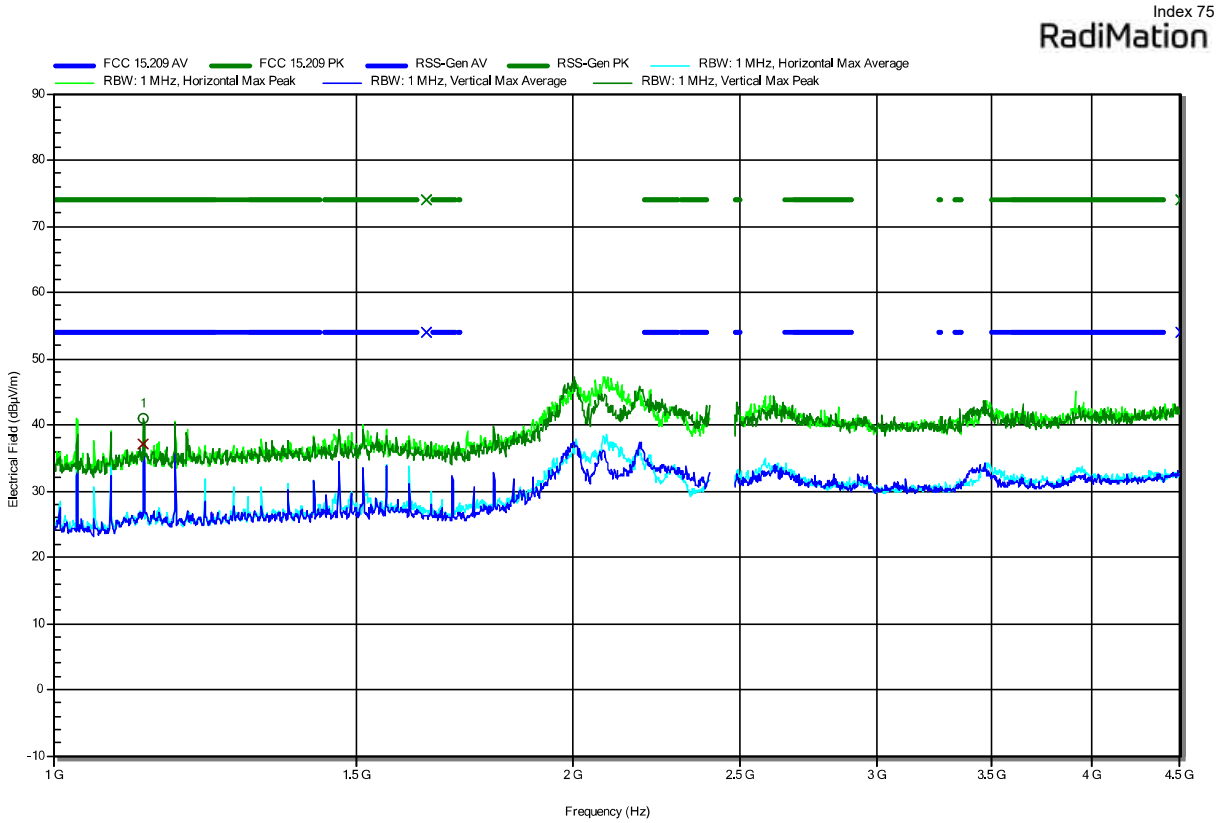


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	2352.0067	41.12	74		-32.88	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	2352.0067	33.02	54		-20.98	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 2, 2440 MHz
Test Date:	2024-09-10
Note:	

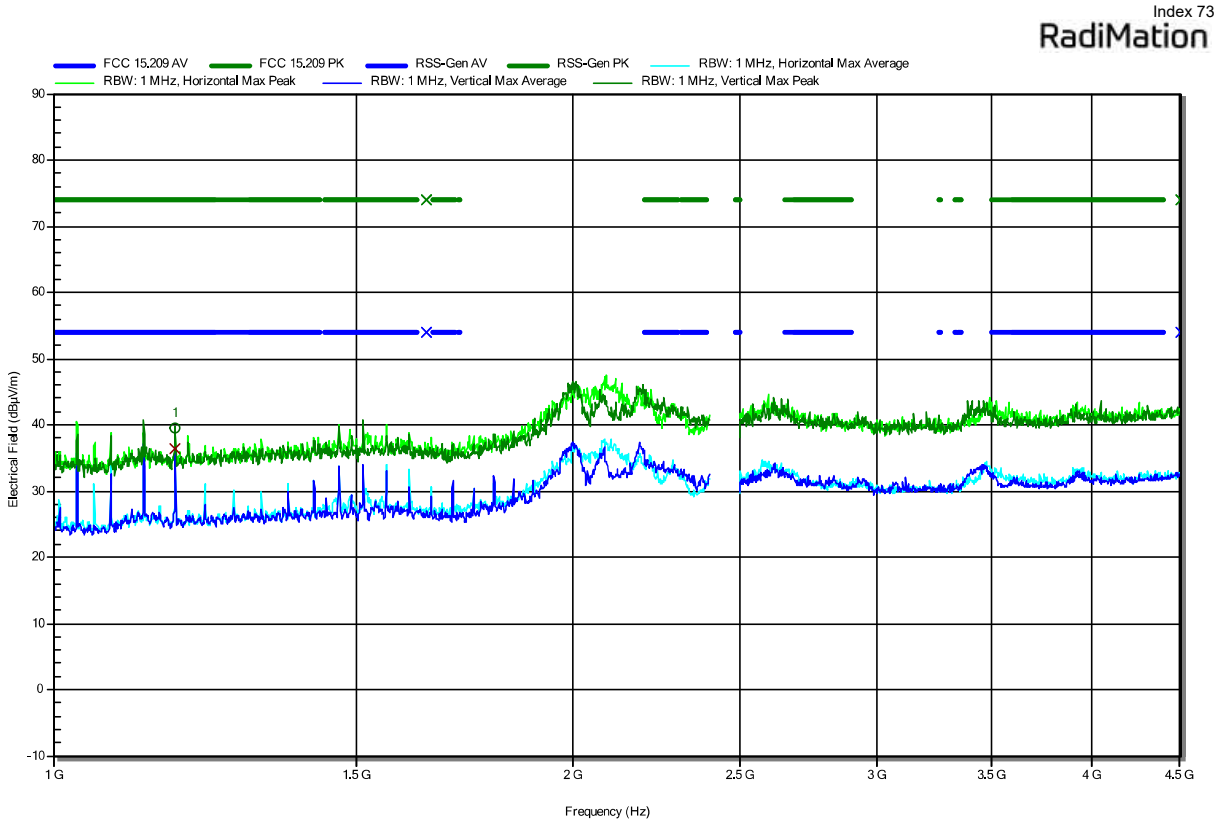


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1127.8667	40.98	74		-33.02	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	1127.8667	37.2	54		-16.8	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 2, 2480 MHz
Test Date:	2024-09-10
Note:	

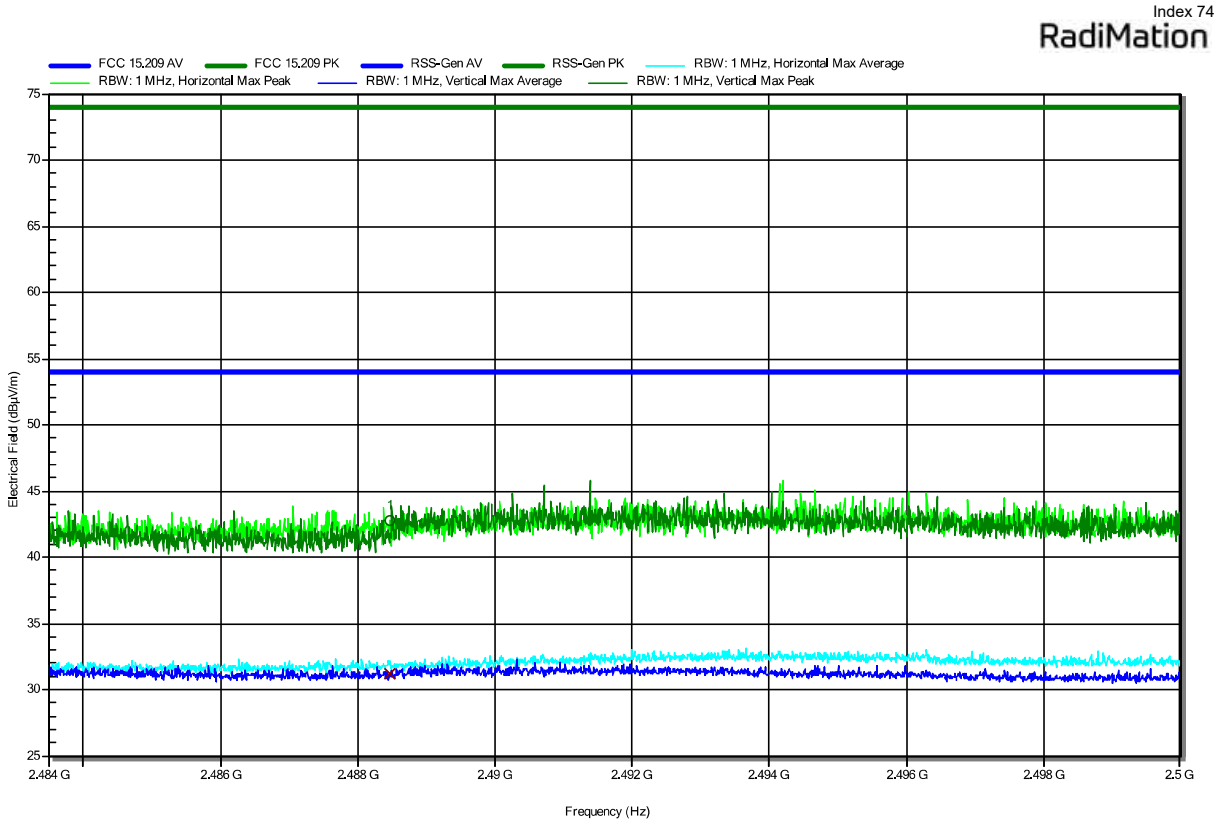


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	1175.98	39.48	74		-34.52	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	1175.98	36.5	54		-17.5	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 2, 2480 MHz
Test Date:	2024-09-10
Note:	

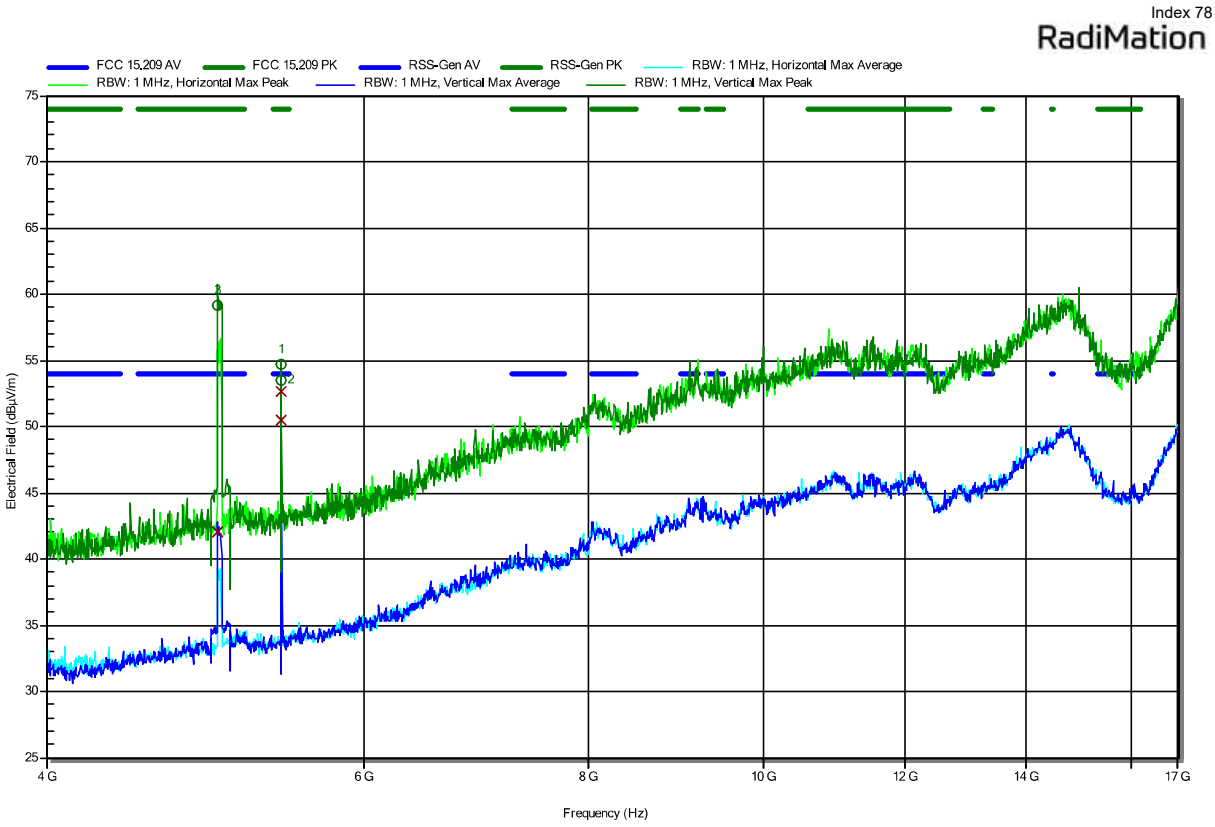


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	2488.4654	42.72	74		-31.28	Pass	Horizontal

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	2488.4654	31.23	54		-22.77	Pass	Horizontal

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2402 MHz; Transmit Radio 2, 2440 MHz
Test Date:	2024-09-10

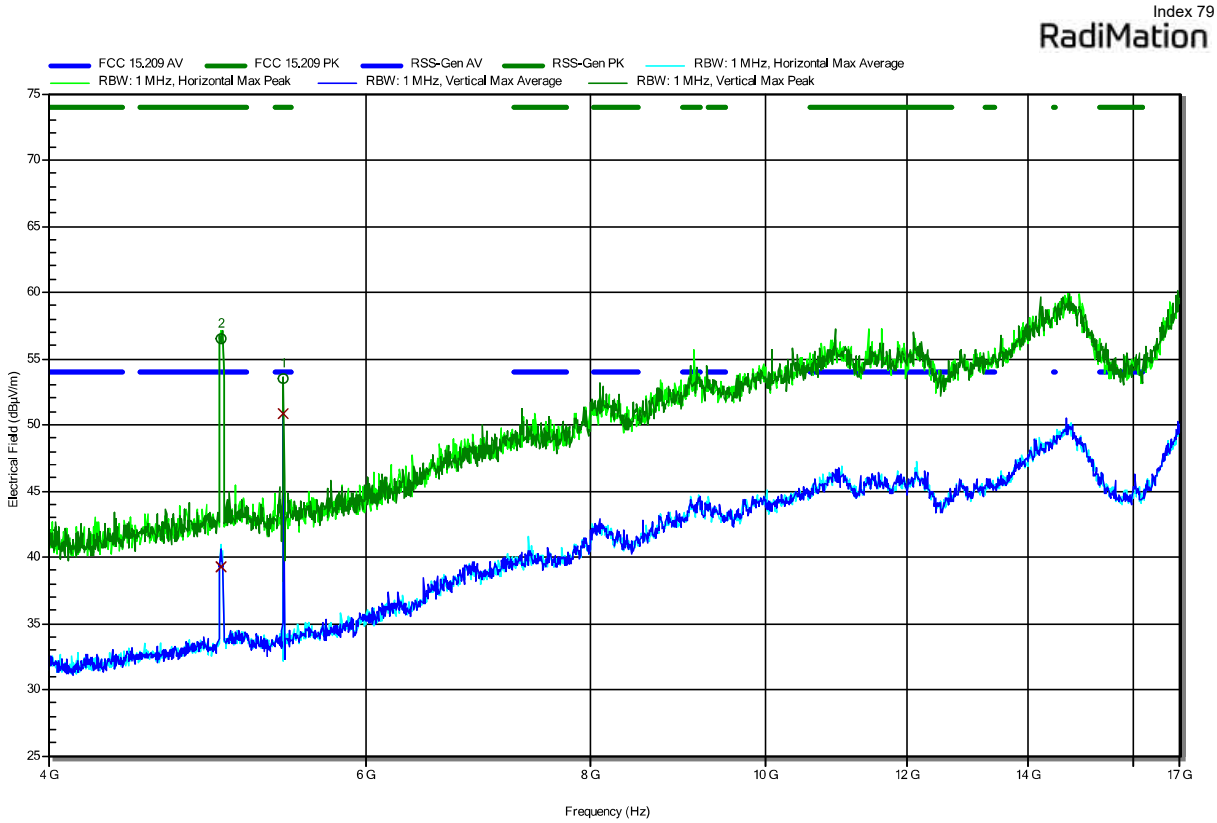


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5400.0285	54.74	74		-19.26	Pass	Vertical
2	5400.0221	53.46	74		-20.54	Pass	Horizontal
3	4982.6815	59.21	74		-14.79	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5400.0285	52.62	54		-1.38	Pass	Vertical
2	5400.0221	50.49	54		-3.51	Pass	Horizontal
3	4982.6815	42.07	54		-11.93	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2440 MHz; Transmit Radio 2, 2480 MHz
Test Date:	2024-09-10
Note:	

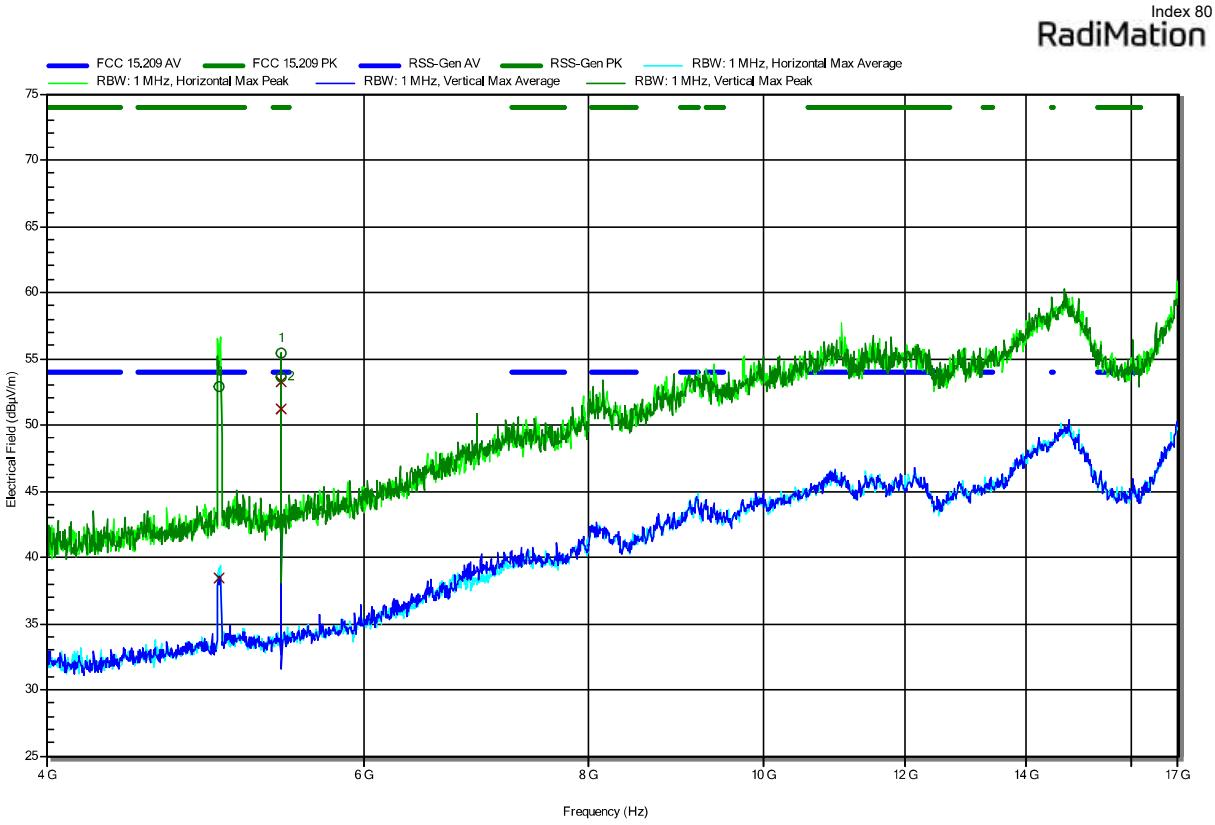


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5400.0885	53.47	74		-20.53	Pass	Vertical
2	4991.9	56.47	74		-17.53	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5400.0885	50.83	54		-3.17	Pass	Vertical
2	4991.9	39.23	54		-14.77	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2480 MHz; Transmit Radio 2, 2402 MHz
Test Date:	2024-09-10

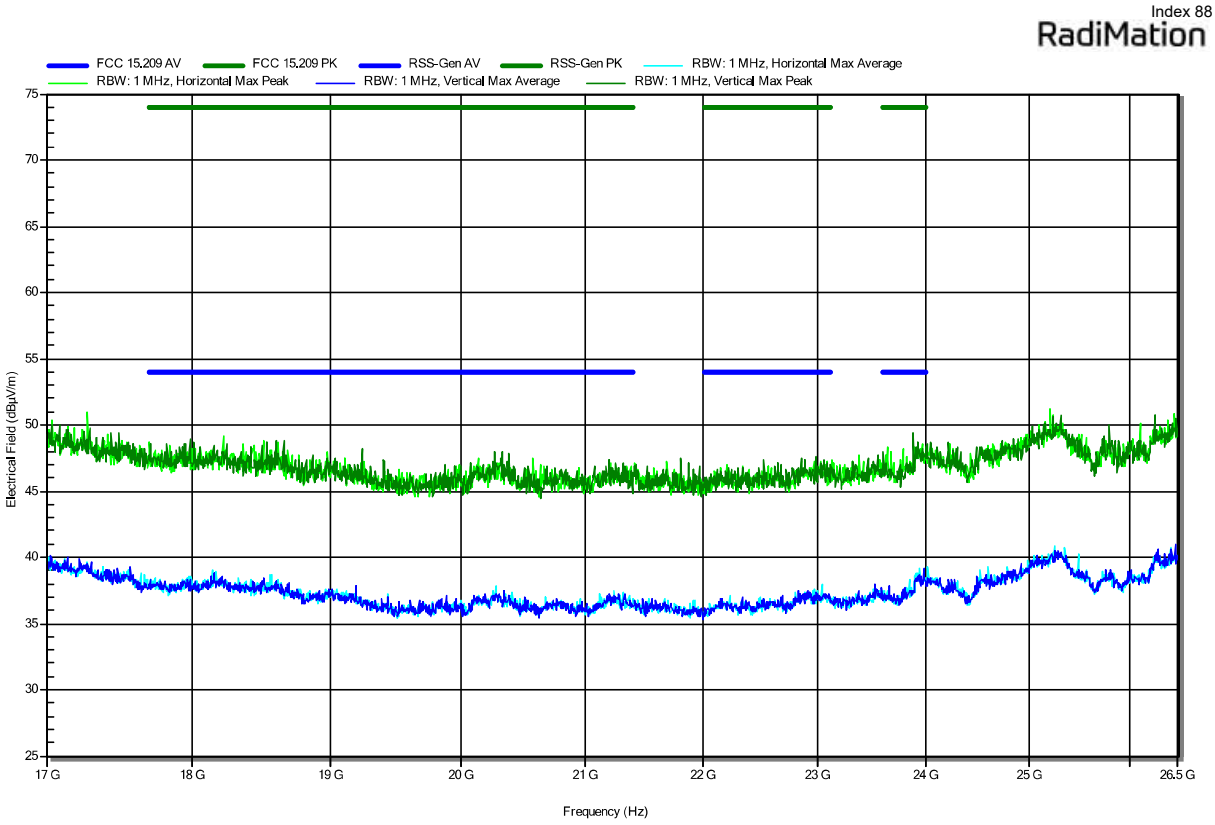


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5399.9921	55.44	74		-18.56	Pass	Vertical
2	5400.0062	53.61	74		-20.39	Pass	Horizontal
3	4984.5333	52.95	74		-21.05	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5399.9921	53.25	54		-0.75	Pass	Vertical
2	5400.0062	51.15	54		-2.85	Pass	Horizontal
3	4984.5333	38.46	54		-15.54	Pass	Vertical

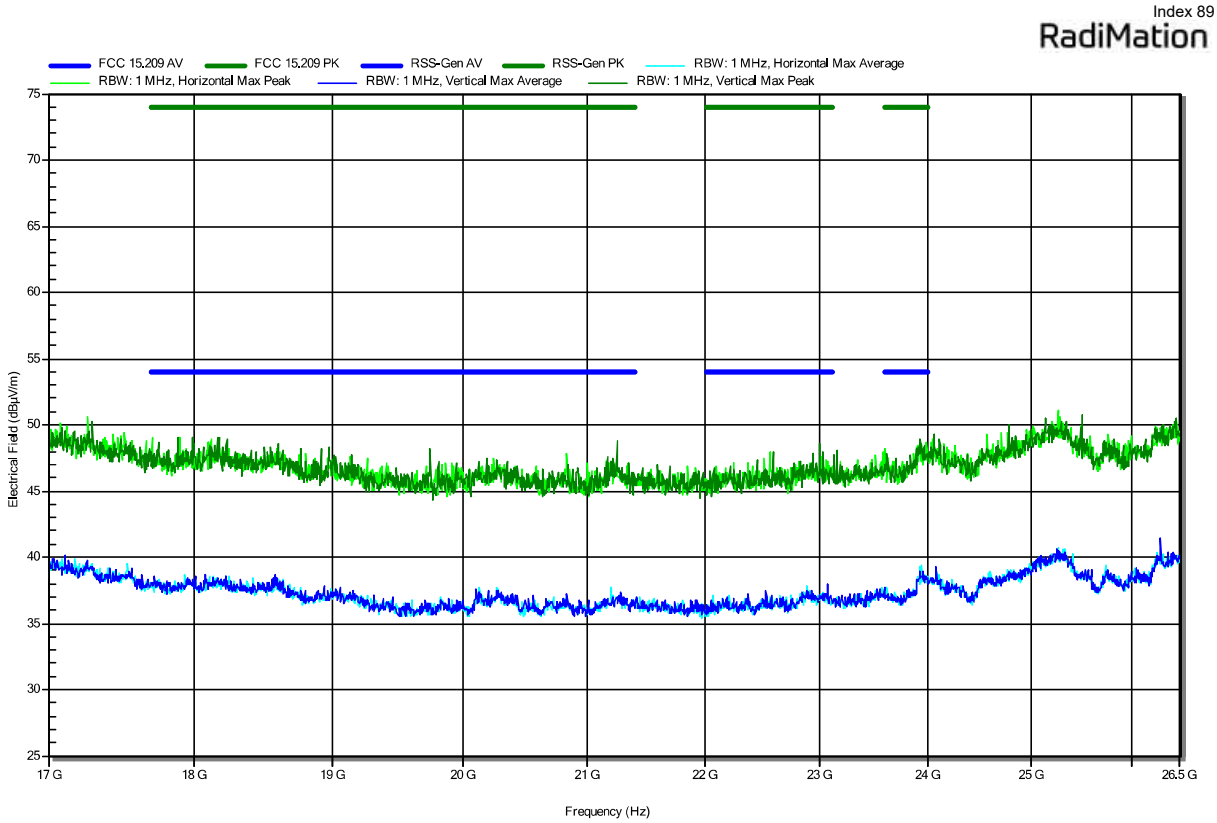
Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Amplifier Research Configurable Antenna
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2402 MHz; Transmit Radio 2, 2440 MHz
Test Date:	2024-09-10



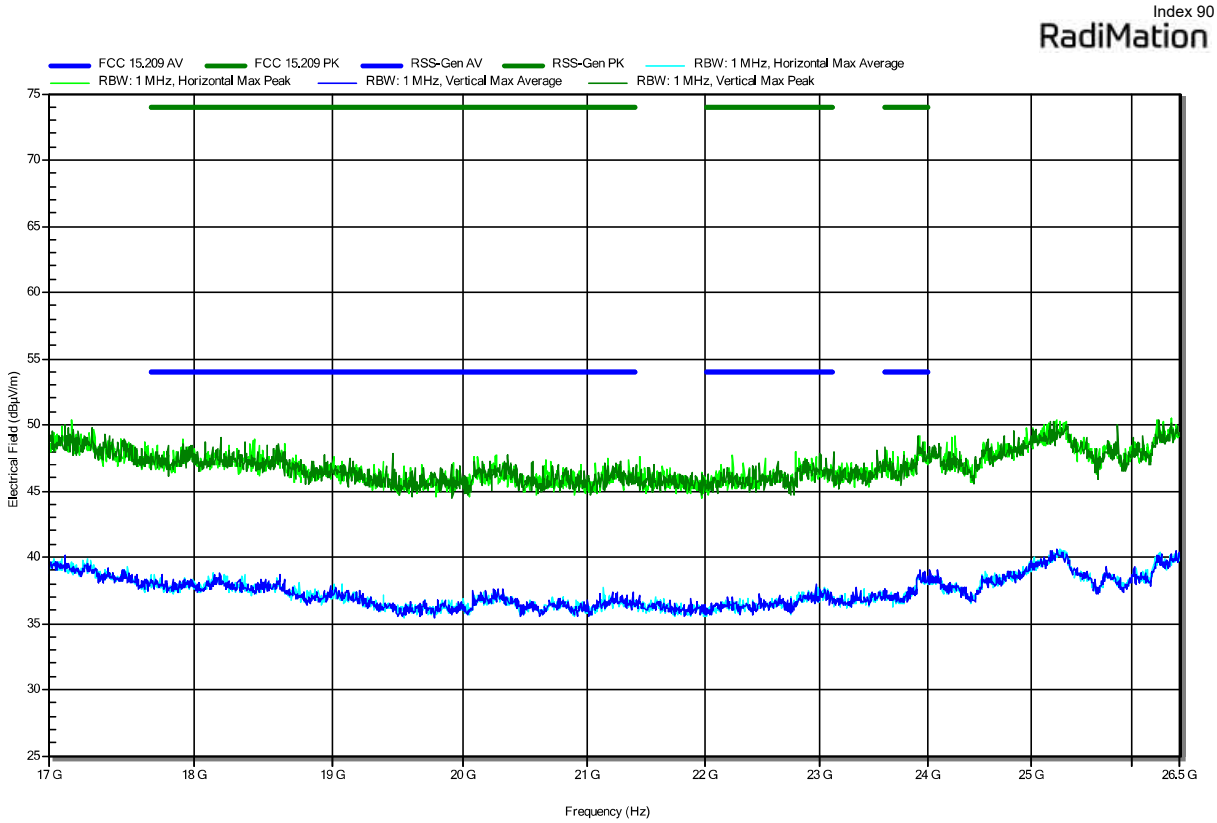
Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Amplifier Research Configurable Antenna
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2440 MHz; Transmit Radio 2, 2480 MHz
Test Date:	2024-09-10
Note:	



Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

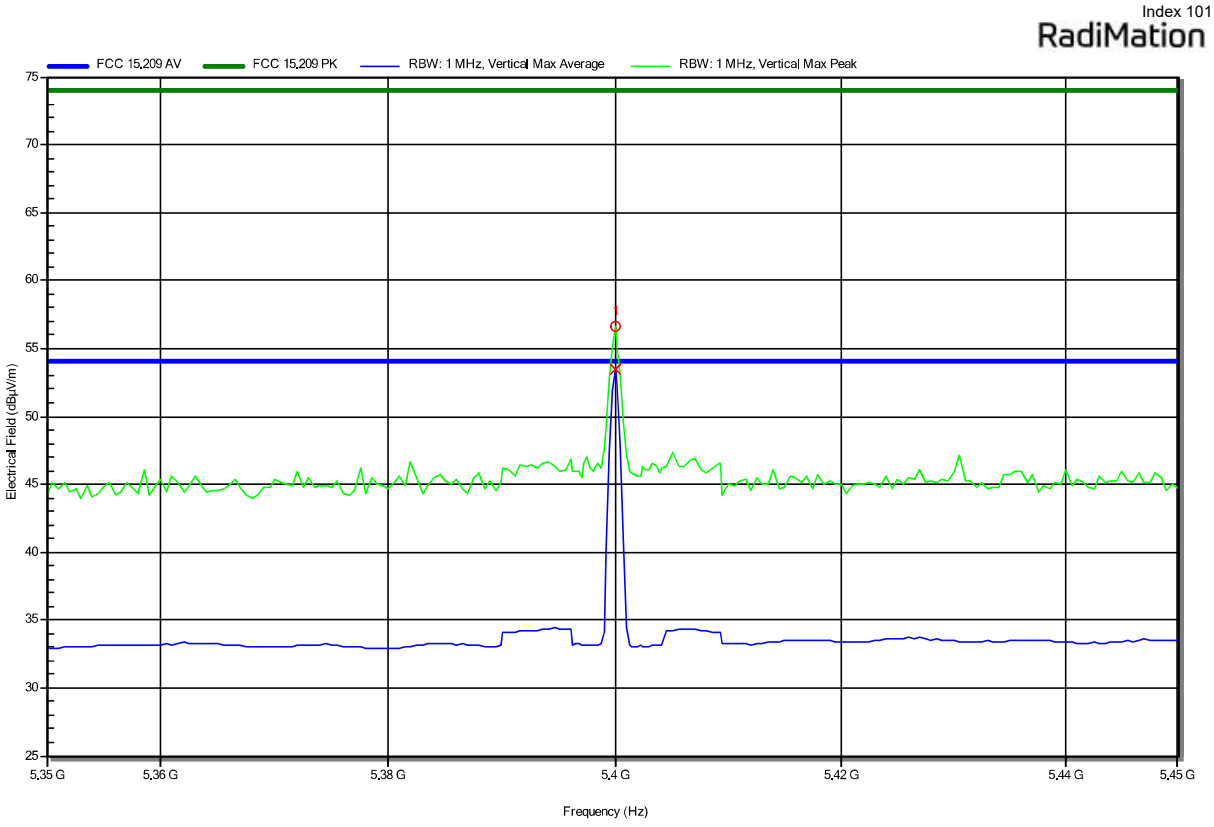
Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Amplifier Research Configurable Antenna
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2480 MHz; Transmit Radio 2, 2402 MHz
Test Date:	2024-09-10
Note:	



ANNEX B Remeasurements with duty cylce variation

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Vrgineers, Inc.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	50373
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2024.1.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2480 MHz; Radio 2, 2402 MHz
Test Date:	2024-12-03
Note:	Used 100 ms averaging time, radio is transmitting at a duty cycle of 87%, EUT is measured at a single fixed position for all ANNEX B measurements

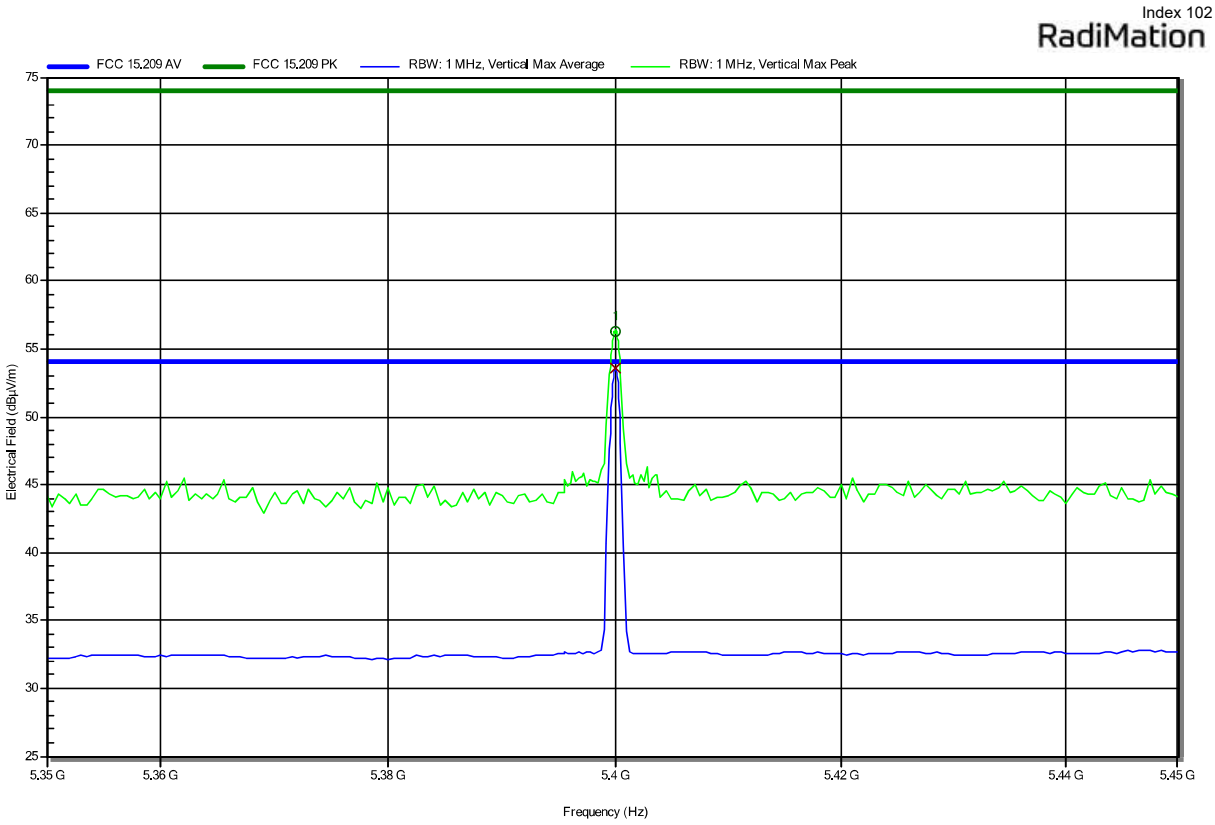


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5400	56.68	74		-17.32	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5400	53.51	54		-0.49	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Vrgineers, Inc.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	50373
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2024.1.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit LowDC Radio 1, 2480 MHz; Transmit LowDC Radio 2, 2402 MHz
Test Date:	2024-12-03
Note:	Used 100 ms averaging time, radio is transmitting at a duty cycle of 3%, EUT is measured at a single fixed position for all ANNEX B measurements

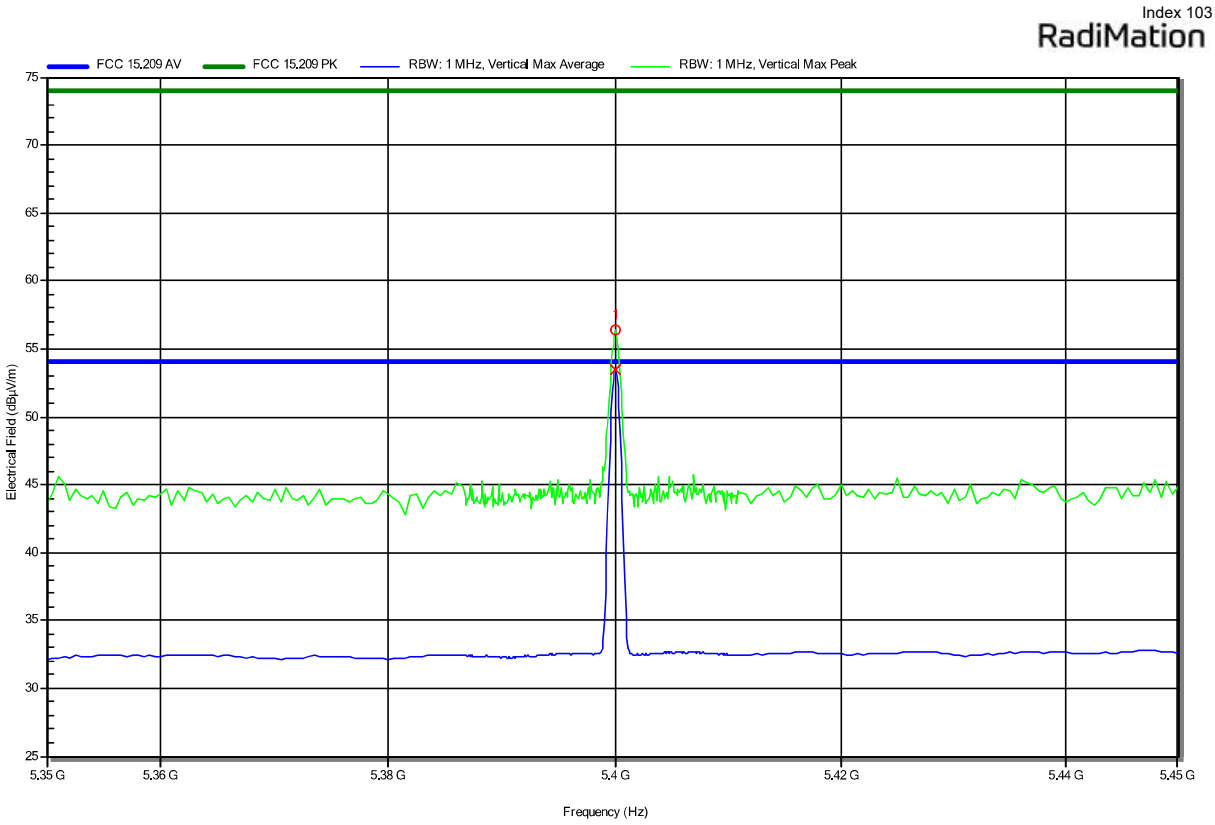


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5400.017	56.31	74		-17.69	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5400.017	53.52	54		-0.48	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Vrgineers, Inc.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	50373
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2024.1.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit Radio 1, 2402 MHz; Transmit Radio 2, 2440 MHz
Test Date:	2024-12-03
Note:	Used 100 ms averaging time, radio is transmitting at a duty cycle of 87%, EUT is measured at a single fixed position for all ANNEX B measurements

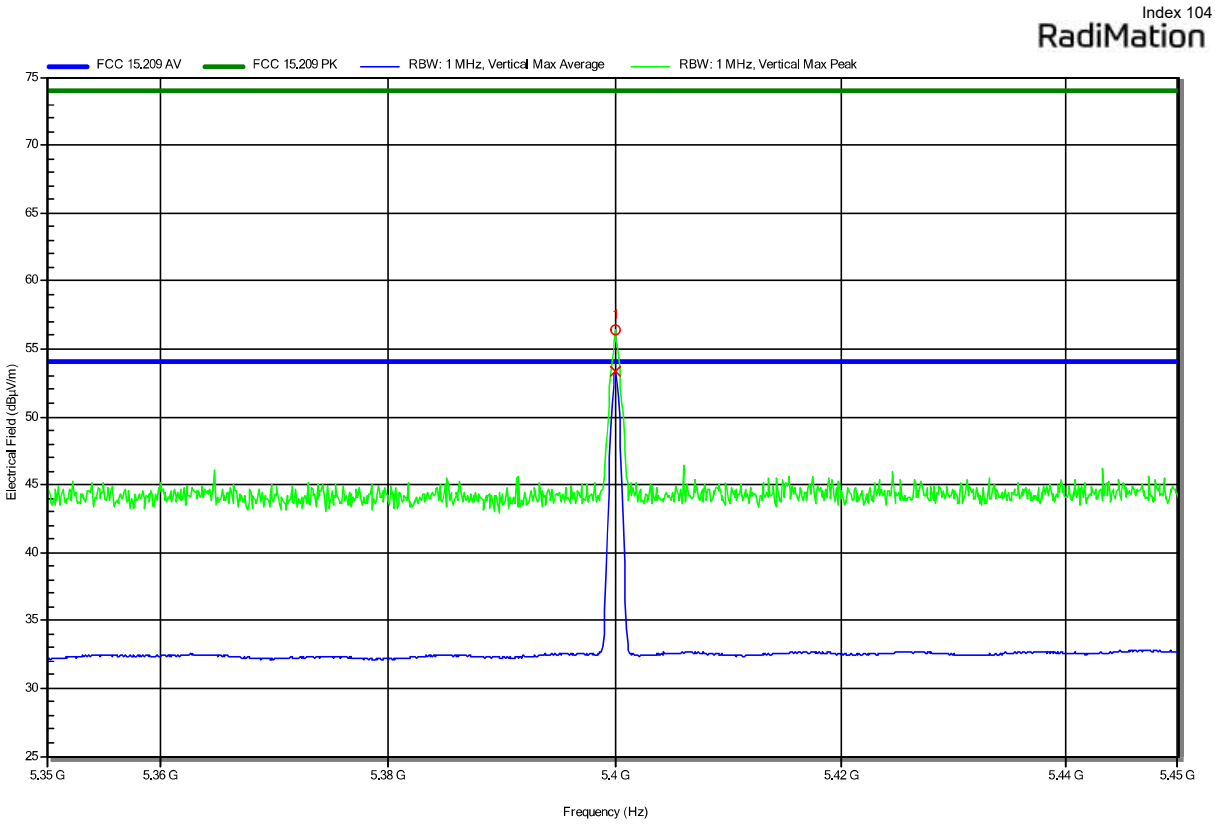


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5400.05	56.35	74		-17.65	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5400.05	53.44	54		-0.56	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Vrgineers, Inc.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	50373
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2024.1.6
Test Conditions:	Tnom: 24 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Tx; Transmit LowDC Radio 1, 2402 MHz; Transmit LowDC Radio 2, 2440 MHz
Test Date:	2024-12-03
Note:	Used 100 ms averaging time, radio is transmitting at a duty cycle of 3%, EUT is measured at a single fixed position for all ANNEX B measurements



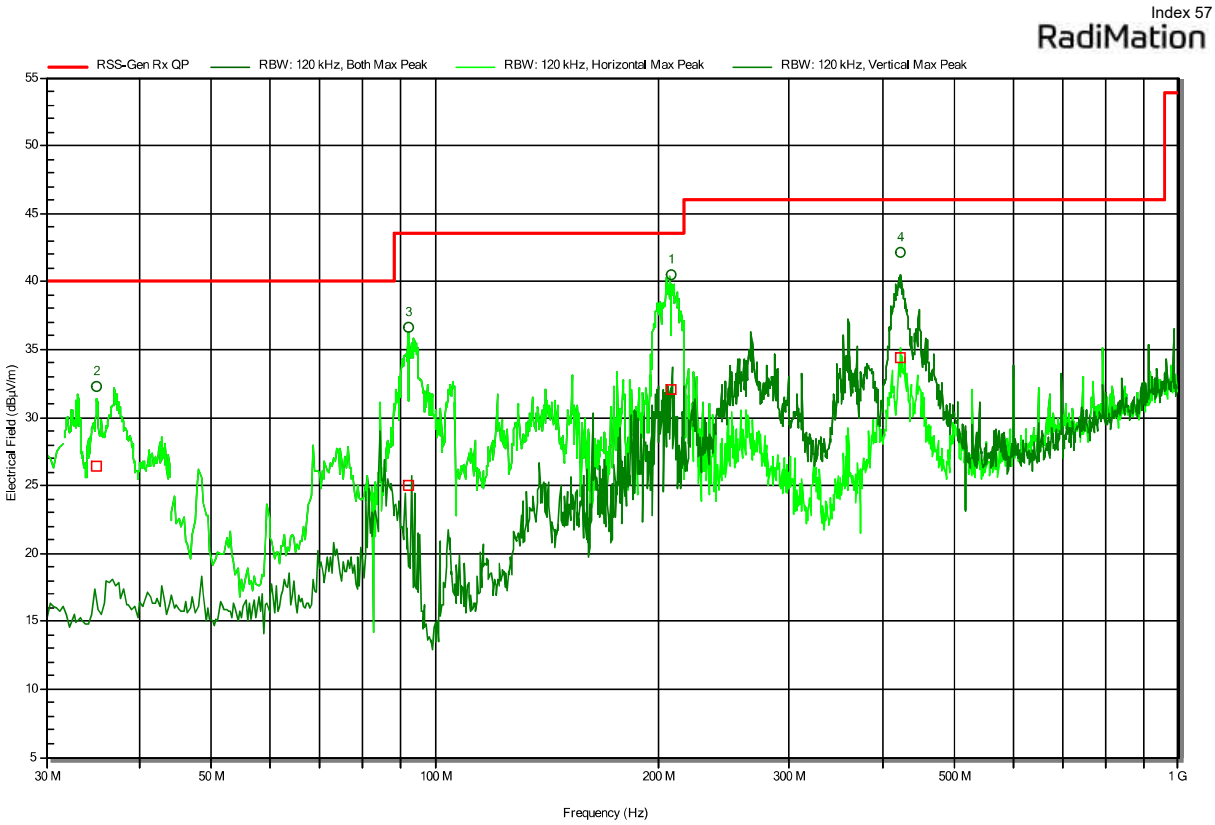
Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	5400	56.36	74		-17.64	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	5400	53.4	54		-0.6	Pass	Vertical

ANNEX C Receiver spurious emissions

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

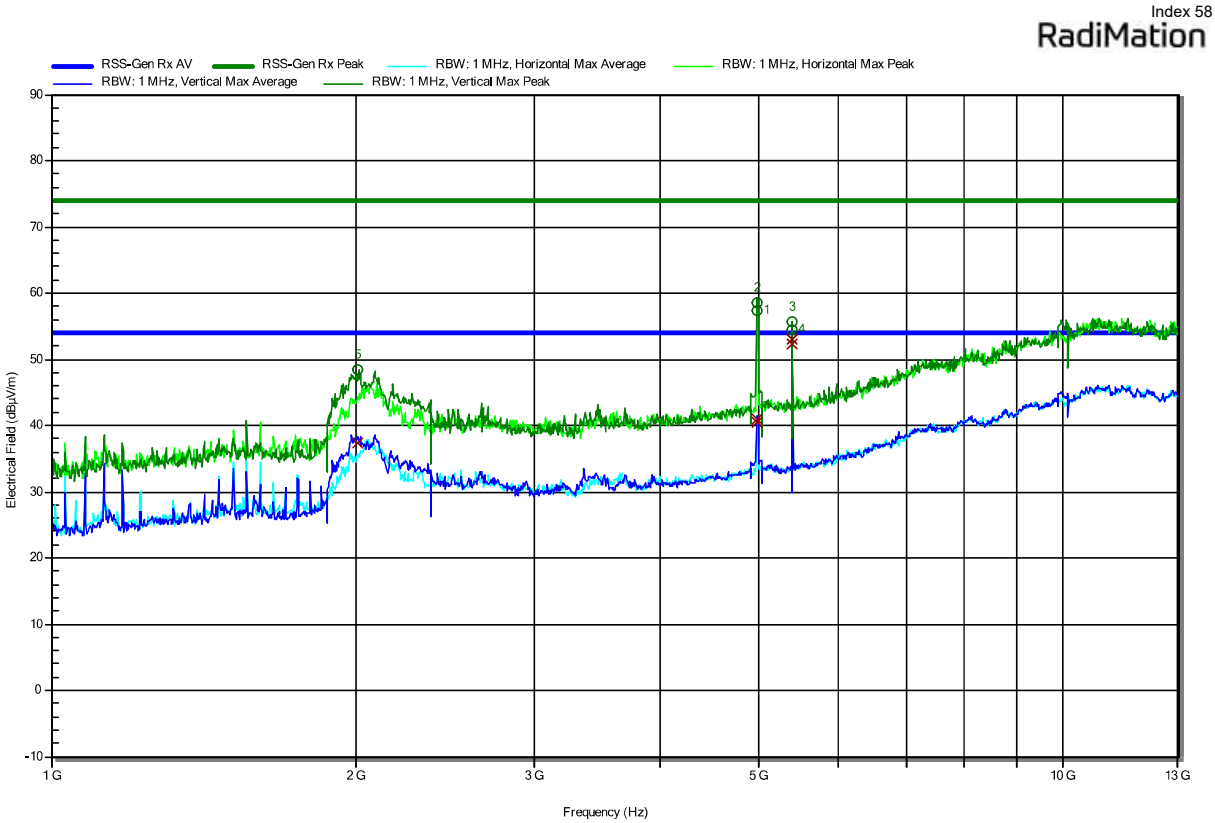
Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck VULB 9168
Measurement distance:	3 m
Mode:	Rx; Receive Radio 1, 2440 MHz; Receive Radio 2, 2440 MHz
Test Date:	2024-09-09
Note:	EUT horizontal



Peak Number	Frequency (MHz)	Quasi-Peak (dBµV/m)	Quasi-Peak Limit (dBµV/m)	Quasi-Peak Difference (dB)	Quasi-Peak Status	Polarization
1	207.5966	32.1	43.5	-11.42	Pass	Horizontal
2	35.0724	26.4	40	-13.61	Pass	Horizontal
3	92.2448	25	43.5	-18.52	Pass	Horizontal
4	422.7339	34.4	46	-11.59	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Rx; Receive Radio 1, 2440 MHz; Receive Radio 2, 2440 MHz
Test Date:	2024-09-09
Note:	Position 1

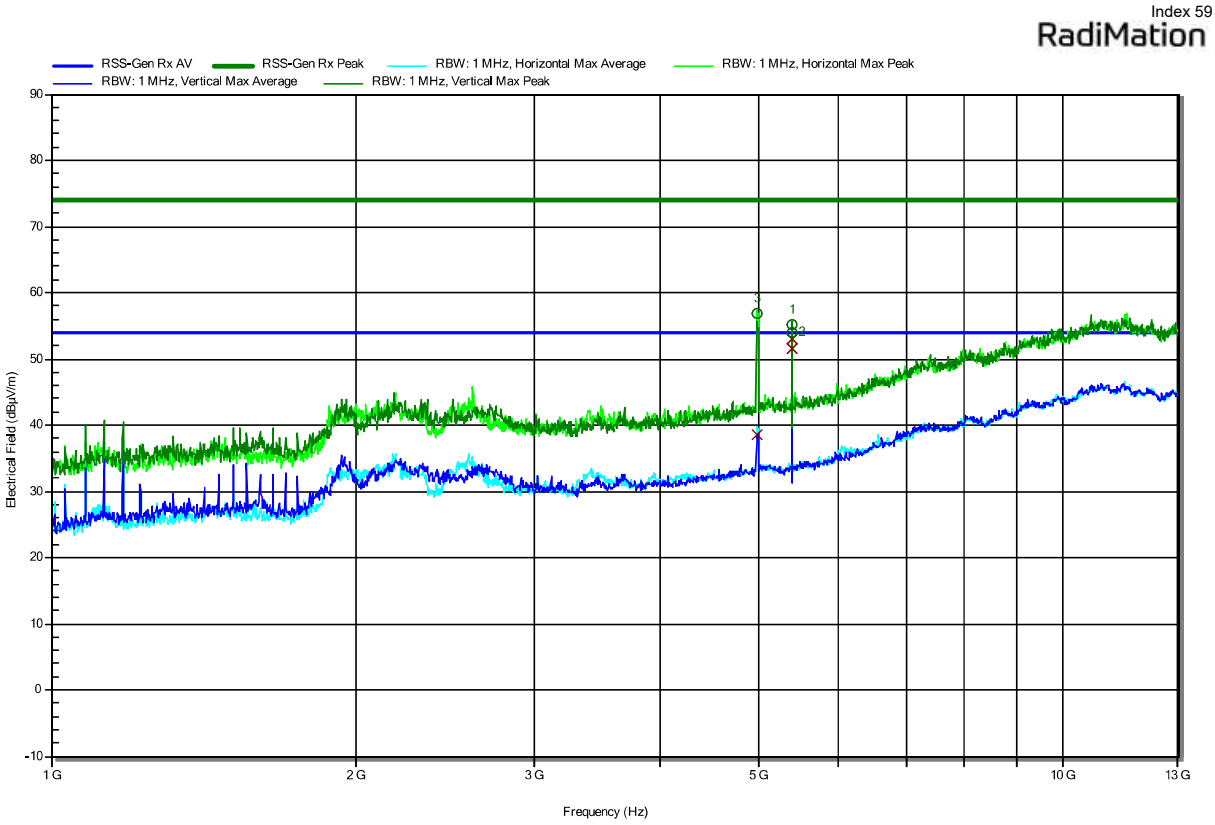


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak (dBµV/m)	Limit	Peak Difference (dB)	Peak Status	Polarization
1	4983.267	57.46	73.98		-16.52	Pass	Vertical
2	4982.056	58.61	73.98		-15.37	Pass	Horizontal
3	5400.031	55.6	73.98		-18.38	Pass	Vertical
4	5400.016	54.4	73.98		-19.58	Pass	Horizontal
5	2010.871	48.35	73.98		-25.63	Pass	Vertical

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average (dBµV/m)	Limit	Average Difference (dB)	Average Status	Polarization
1	4983.267	40.4	53.98		-13.58	Pass	Vertical
2	4982.056	40.93	53.98		-13.05	Pass	Horizontal
3	5400.031	53.07	53.98		-0.91	Pass	Vertical
4	5400.016	52.17	53.98		-1.81	Pass	Horizontal
5	2010.871	37.41	53.98		-16.57	Pass	Vertical

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Rx; Receive Radio 1, 2440 MHz; Receive Radio 2, 2440 MHz
Test Date:	2024-09-09
Note:	Position 2

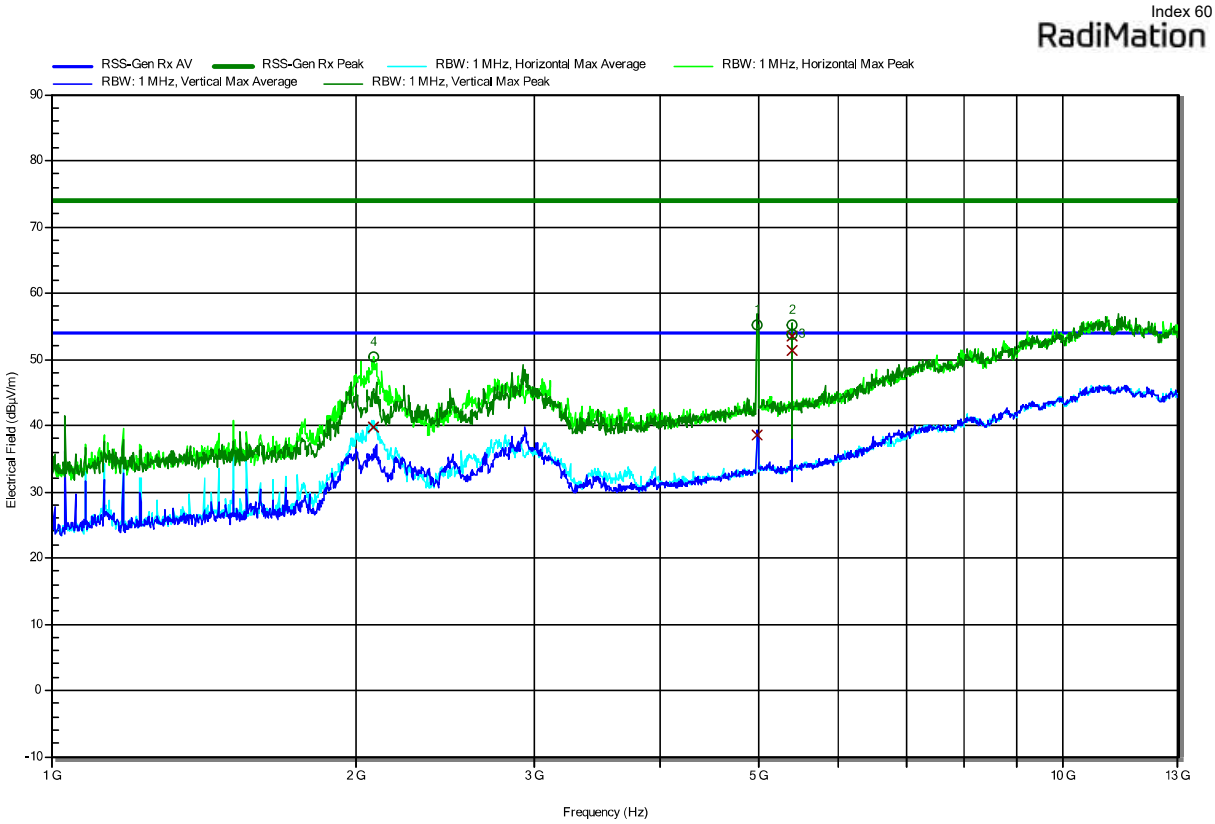


Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Peak Difference (dB)	Peak Status	Polarization
1	5400.005	55.09	73.98	-18.89	Pass	Vertical
2	5399.998	54.08	73.98	-19.9	Pass	Horizontal
3	4992.4	56.83	73.98	-17.15	Pass	Horizontal

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average Limit (dBµV/m)	Average Difference (dB)	Average Status	Polarization
1	5400.005	52.95	53.98	-1.03	Pass	Vertical
2	5399.998	51.62	53.98	-2.36	Pass	Horizontal
3	4992.4	38.62	53.98	-15.36	Pass	Horizontal

Radiated Spurious Emissions according to FCC 15.247, RSS-247 Issue 3

Project Number:	G0M-2406-2604
Applicant:	Somnium Space LTD.
Model Description:	Head-Mounted Display / VR headset
Model:	VR1
Test Sample ID:	49301
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. Voigt
Measurement software:	RadiMation, version 2023.2.6
Test Conditions:	Tnom: 25 °Celsius, Vnom: 12 V DC
Antenna:	Schwarzbeck BBHA 9120D
Measurement distance:	3 m
Mode:	Rx; Receive Radio 1, 2440 MHz; Receive Radio 2, 2440 MHz
Test Date:	2024-09-09
Note:	Position 3



Peak Number	Frequency (MHz)	Peak (dBµV/m)	Peak Limit (dBµV/m)	Peak Difference (dB)	Peak Status	Polarization
1	4990.4	55.17	73.98	-18.81	Pass	Vertical
2	5400.016	55.27	73.98	-18.71	Pass	Vertical
3	5400.017	53.78	73.98	-20.2	Pass	Horizontal
4	2080.4	50.28	73.98	-23.7	Pass	Horizontal

Peak Number	Frequency (MHz)	Average (dBµV/m)	Average Limit (dBµV/m)	Average Difference (dB)	Average Status	Polarization
1	4990.4	38.57	53.98	-15.41	Pass	Vertical
2	5400.016	53.4	53.98	-0.58	Pass	Vertical
3	5400.017	51.35	53.98	-2.63	Pass	Horizontal
4	2080.4	39.8	53.98	-14.18	Pass	Horizontal

=== End of test report ===