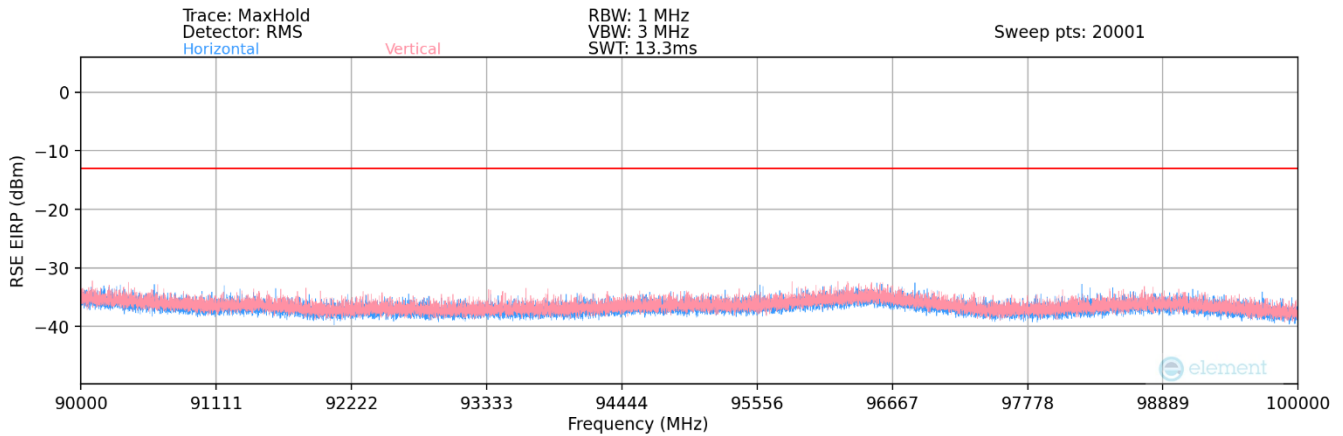


## 90GHz - 100GHz



Plot 7-116. Ant 2 - n258-R1 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R1)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
94984.00	Low	50	2Tx	QPSK	H	-	-	-41.78	-13.00	-28.78
95770.00	Mid	50	2Tx	QPSK	H	-	-	-41.38	-13.00	-28.38
99001.00	High	50	2Tx	QPSK	H	-	-	-41.48	-13.00	-28.48

Table 7-42. Ant 2 - n258-R1 Radiated Spurious Emissions Table (90GHz - 100GHz)

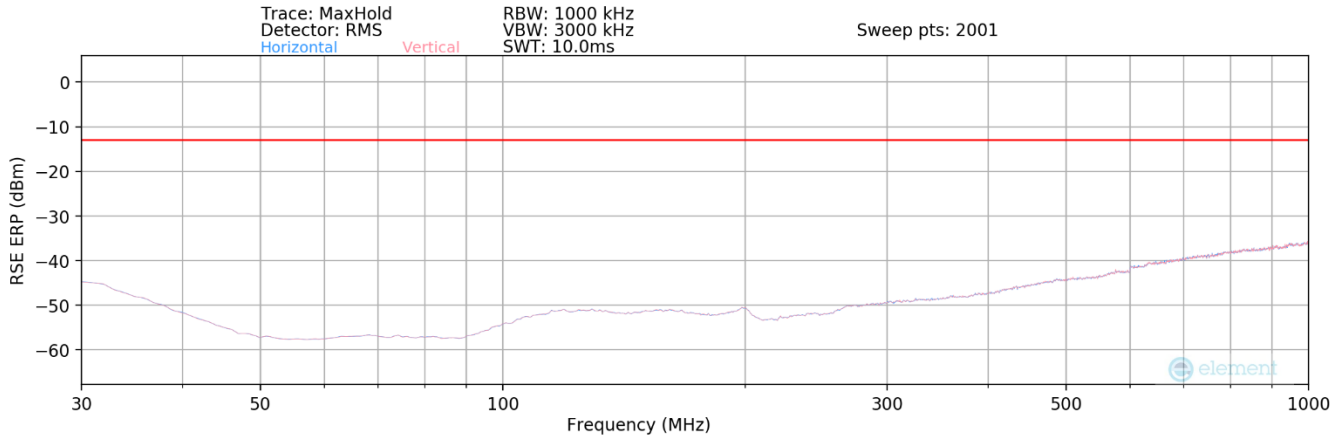
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## Band n258-R2 – Ant 1

### 30MHz - 1GHz



Plot 7-117. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions ERP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE ERP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE ERP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log}(Dm) - 104.8 - 2.15 \text{ (dB)}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
851.50	Low	50	2Tx	QPSK	H	-	-	-46.53	-13.00	-33.53
911.90	Mid	50	2Tx	QPSK	H	-	-	-45.84	-13.00	-32.84
971.50	High	50	2Tx	QPSK	H	-	-	-45.51	-13.00	-32.51

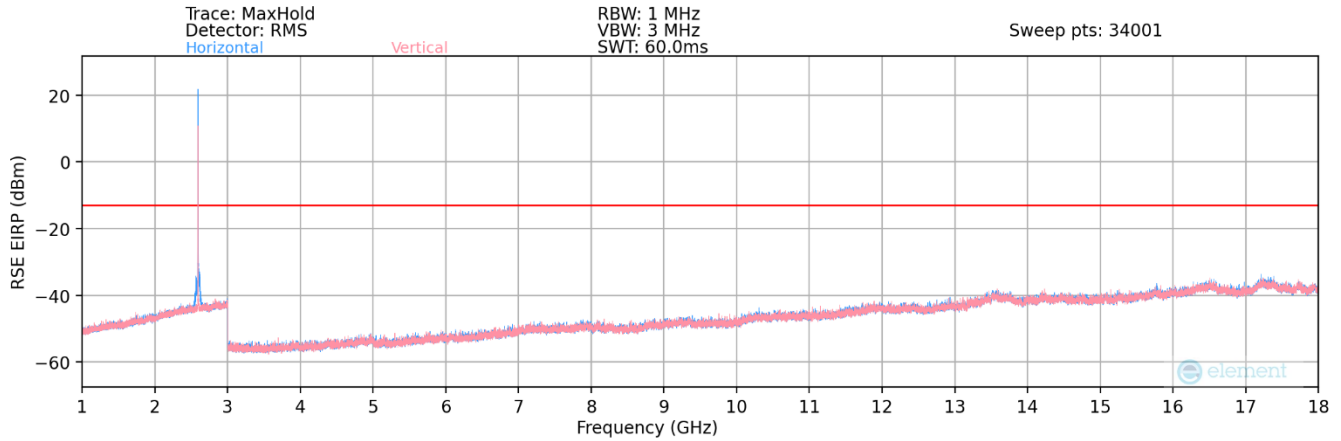
Table 7-43. Ant 1 - n258-R2 Radiated Spurious Emissions Table (30MHz - 1GHz)

### Notes

The RSE ERP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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## 1GHz - 18GHz



Plot 7-118. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
8847.00	Low	50	2Tx	QPSK	H	176	45	-51.42	-13.00	-38.42
8872.50	Mid	50	2Tx	QPSK	H	168	41	-51.40	-13.00	-38.40
8893.00	High	50	2Tx	QPSK	H	188	49	-51.39	-13.00	-38.39

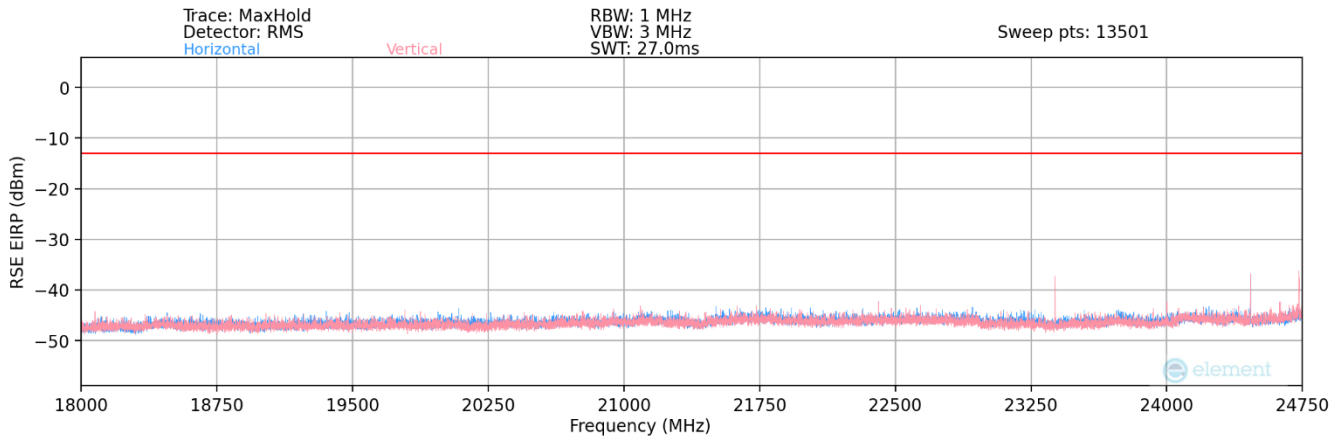
Table 7-44. Ant 1 - n258-R2 Radiated Spurious Emissions Table (1GHz - 18GHz)

#### Notes

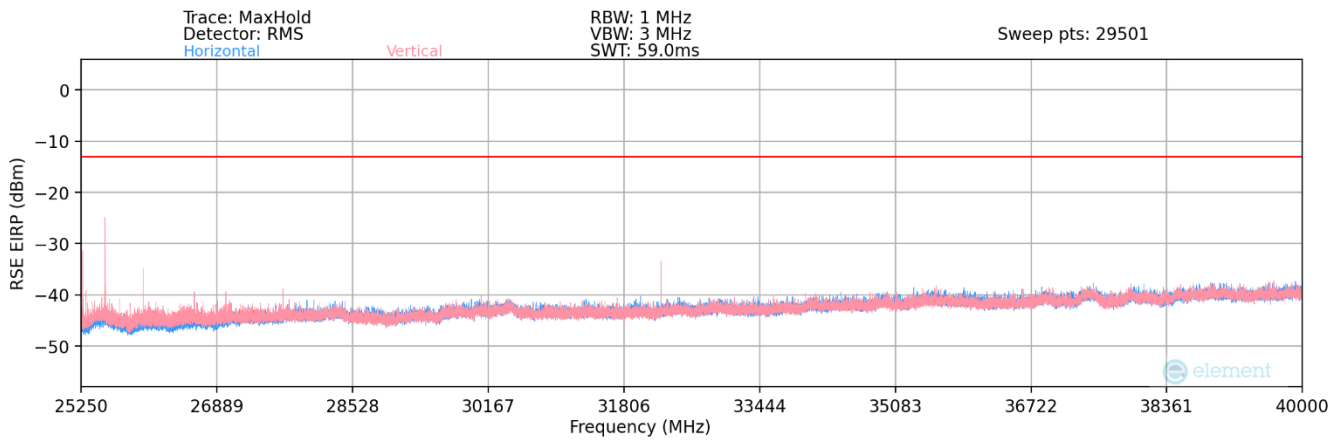
The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

FCC ID: A3LSMS916U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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### 18GHz – 40GHz



**Plot 7-119. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)**



**Plot 7-120. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)**

<b>FCC ID:</b> A3LSMS916U	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-08.A3L	<b>Test Dates:</b> 9/12 – 11/7/2022	<b>EUT Type:</b> Portable Handset	Page 104 of 206



## Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
23010.70	Low	50	2Tx	QPSK	V	28	25	-30.04	-13.00	-17.04
24207.00	Low	50	2Tx	QPSK	V	216	331	-33.47	-13.00	-20.47
25344.50	Low	50	2Tx	QPSK	V	27	25	-29.66	-13.00	-16.66
27051.00	Low	50	2Tx	QPSK	V	357	317	-40.81	-13.00	-27.81
23383.00	Mid	50	2Tx	QPSK	V	348	341	-38.71	-13.00	-25.71
23925.00	Mid	50	2Tx	QPSK	V	309	316	-44.93	-13.00	-31.93
24463.00	Mid	50	2Tx	QPSK	V	254	306	-33.01	-13.00	-20.01
25537.50	Mid	50	2Tx	QPSK	V	254	307	-24.47	-13.00	-11.47
27688.00	Mid	50	2Tx	QPSK	V	253	308	-39.32	-13.00	-26.32
32256.00	Mid	50	2Tx	QPSK	V	287	283	-31.54	-13.00	-18.54
23772.20	High	50	2Tx	QPSK	V	254	309	-32.14	-13.00	-19.14
24662.30	High	50	2Tx	QPSK	V	253	305	-31.47	-13.00	-18.47
25788.80	High	50	2Tx	QPSK	V	253	307	-25.94	-13.00	-12.94
28041.00	High	50	2Tx	QPSK	V	328	294	-39.96	-13.00	-26.96

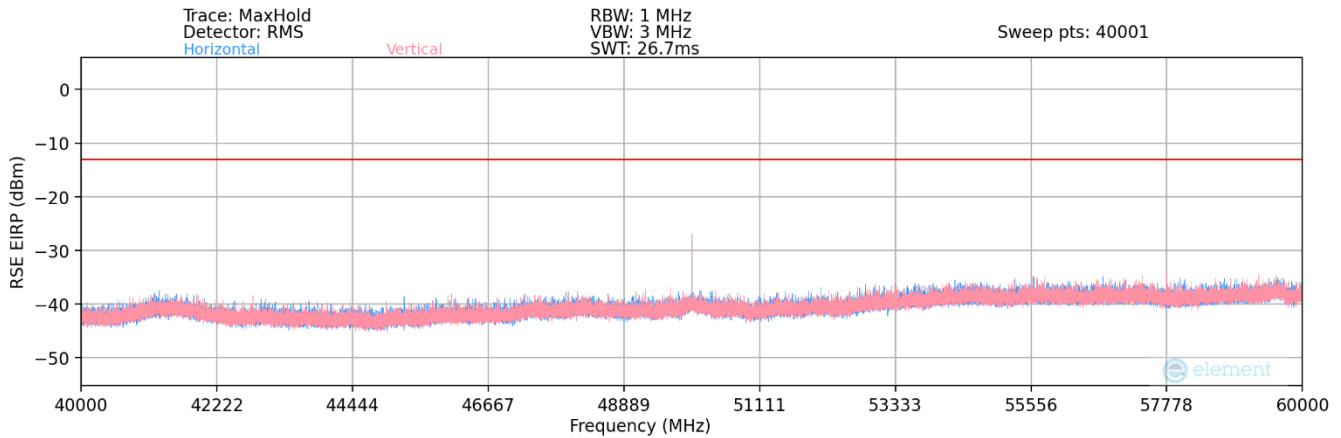
**Table 7-45. Ant 1 - n258-R2 Radiated Spurious Emissions Table (18GHz - 40GHz)**

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 1 meter.

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## 40GHz - 60GHz



Plot 7-121. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1.5 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
49550.16	Low	50	2Tx	QPSK	V	345	260	-28.97	-13.00	-15.97
49999.92	Mid	50	2Tx	QPSK	V	343	257	-28.11	-13.00	-15.11
50449.92	High	50	2Tx	QPSK	V	342	255	-28.47	-13.00	-15.47

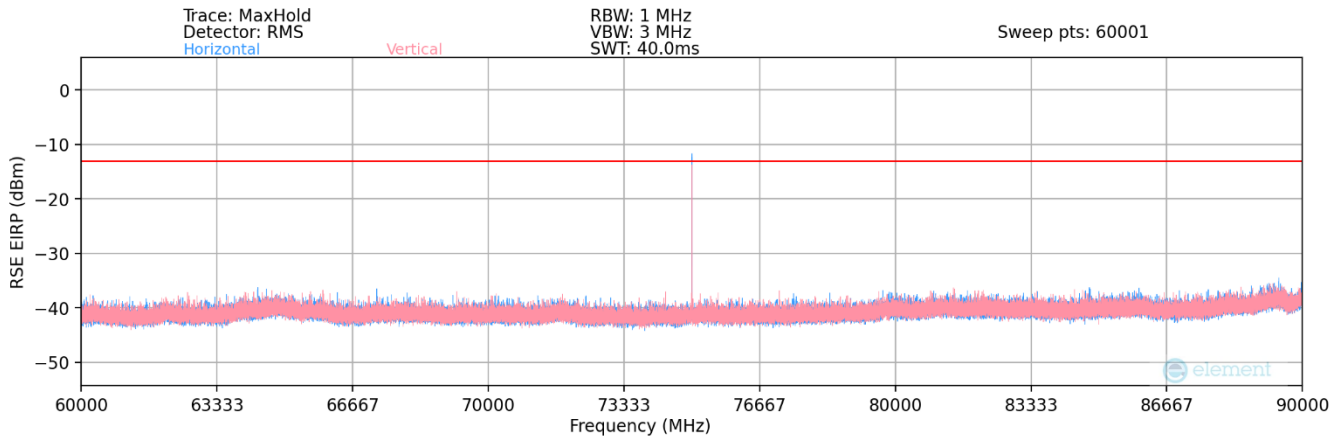
Table 7-46. Ant 1 - n258-R2 Radiated Spurious Emissions Table (40GHz - 60GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1.5 meter.

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## 60GHz - 90GHz



Plot 7-122. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
74325.24	Low	50	2Tx	QPSK	H	*	*	-28.28	-13.00	-15.28
74999.88	Mid	50	2Tx	QPSK	H	*	*	-27.76	-13.00	-14.76
75674.88	High	50	2Tx	QPSK	H	*	*	-26.72	-13.00	-13.72

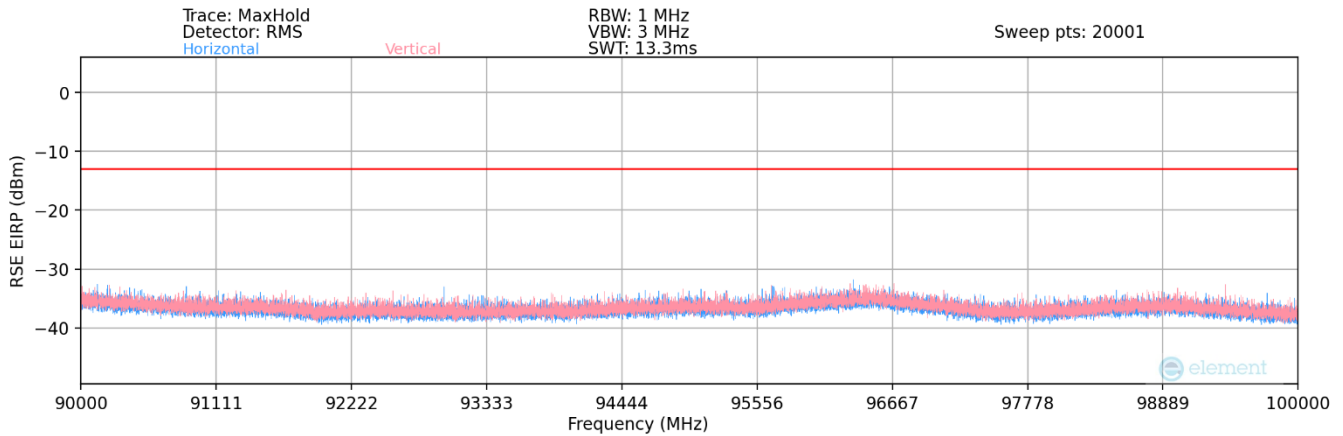
Table 7-47. Ant 1 - n258-R2 Radiated Spurious Emissions Table (60GHz - 90GHz)

### Notes

- 1) The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.
- 2) Rows marked with \* indicate a spurious emission level that was measured using the Spherical Grid TRP Method per KDB 842590.

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## 90GHz - 100GHz



Plot 7-123. Ant 1 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
95026.00	Low	50	2Tx	QPSK	H	-	-	-42.06	-13.00	-29.06
96444.00	Mid	50	2Tx	QPSK	H	-	-	-40.70	-13.00	-27.70
96517.00	High	50	2Tx	QPSK	H	-	-	-40.85	-13.00	-27.85

Table 7-48. Ant 1 - n258-R2 Radiated Spurious Emissions Table (90GHz - 100GHz)

### Notes

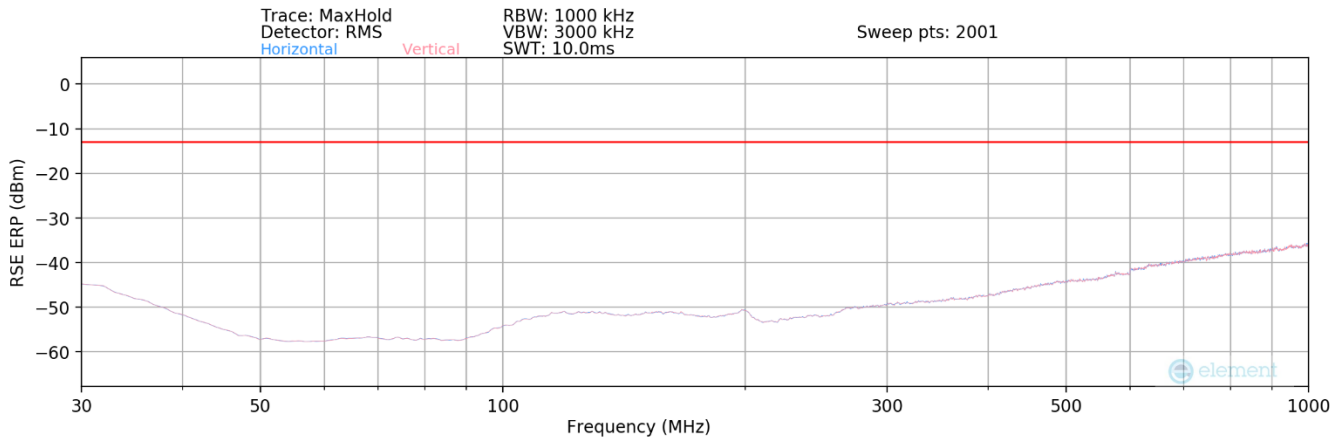
The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## Band n258-R2 – Ant 2

### 30MHz - 1GHz



Plot 7-124. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions ERP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE ERP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE ERP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 - 2.15 \text{ (dB)}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
633.70	Low	50	2Tx	QPSK	V	-	-	-49.41	-13.00	-36.41
861.90	Mid	50	2Tx	QPSK	V	-	-	-46.50	-13.00	-33.50
989.76	High	50	2Tx	QPSK	V	-	-	-44.76	-13.00	-31.76

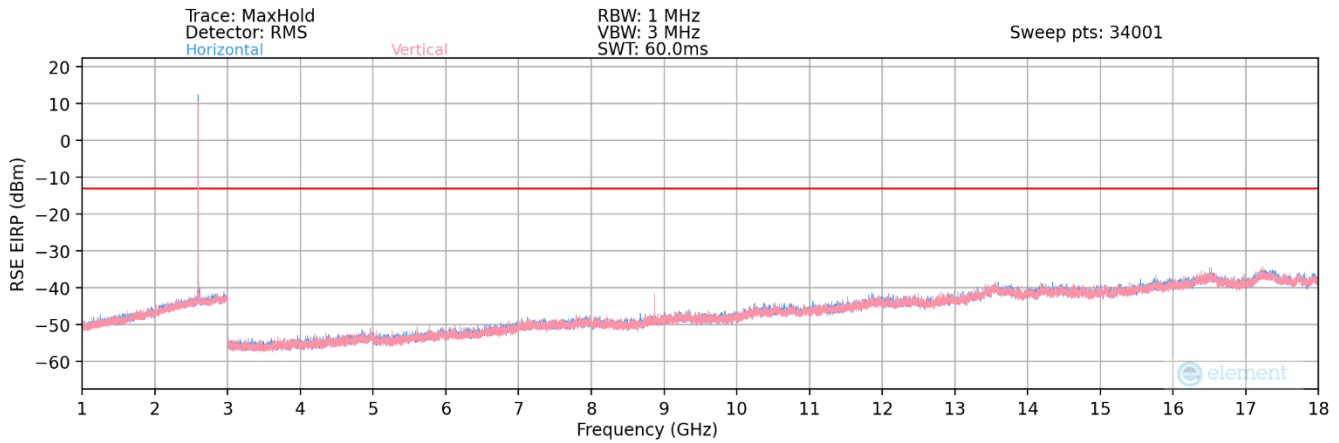
Table 7-49. Ant 2 - n258-R2 Radiated Spurious Emissions Table (30MHz - 1GHz)

### Notes

The RSE ERP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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# 1GHz - 18GHz



Plot 7-125. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

## Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
8847.00	Low	50	2Tx	QPSK	V	103	265	-43.54	-13.00	-30.54
8872.50	Mid	50	2Tx	QPSK	V	104	261	-43.73	-13.00	-30.73
8893.00	High	50	2Tx	QPSK	V	104	267	-43.90	-13.00	-30.90

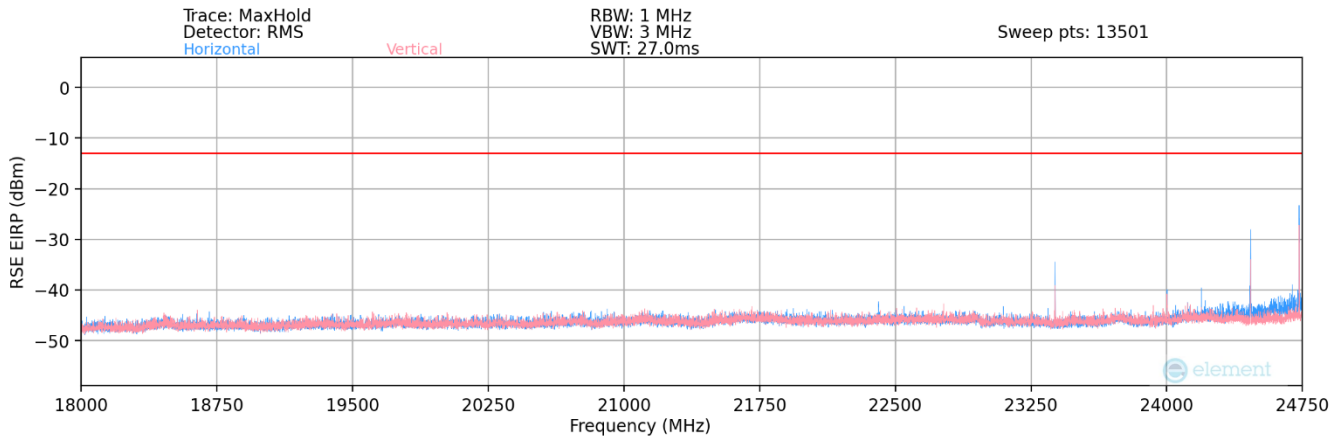
Table 7-50. Ant 2 - n258-R2 Radiated Spurious Emissions Table (1GHz - 18GHz)

### Notes

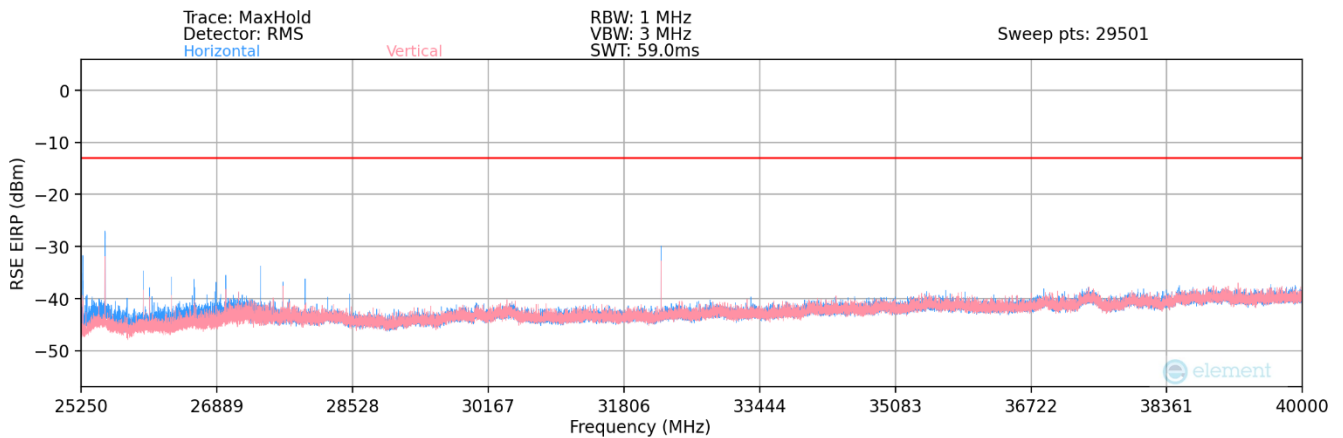
The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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## 18GHz - 40GHz



Plot 7-126. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)



Plot 7-127. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

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Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
23010.70	Low	50	2Tx	QPSK	H	11	18	-37.61	-13.00	-24.61
24207.00	Low	50	2Tx	QPSK	H	78	26	-31.81	-13.00	-18.81
25344.50	Low	50	2Tx	QPSK	H	80	24	-24.64	-13.00	-11.64
26737.50	Low	50	2Tx	QPSK	H	79	25	-29.84	-13.00	-16.84
23383.00	Mid	50	2Tx	QPSK	H	84	25	-36.88	-13.00	-23.88
24463.00	Mid	50	2Tx	QPSK	H	79	27	-29.78	-13.00	-16.78
25537.50	Mid	50	2Tx	QPSK	H	81	27	-23.88	-13.00	-10.88
26341.00	Mid	50	2Tx	QPSK	H	78	25	-32.11	-13.00	-19.11
27417.00	Mid	50	2Tx	QPSK	H	81	26	-30.46	-13.00	-17.46
32256.00	Mid	50	2Tx	QPSK	H	57	341	-25.51	-13.00	-12.51
23772.20	High	50	2Tx	QPSK	H	83	26	-35.08	-13.00	-22.08
24662.30	High	50	2Tx	QPSK	H	80	27	-28.78	-13.00	-15.78
25788.80	High	50	2Tx	QPSK	H	79	26	-25.25	-13.00	-12.25
27033.00	High	50	2Tx	QPSK	H	264	315	-30.62	-13.00	-17.62

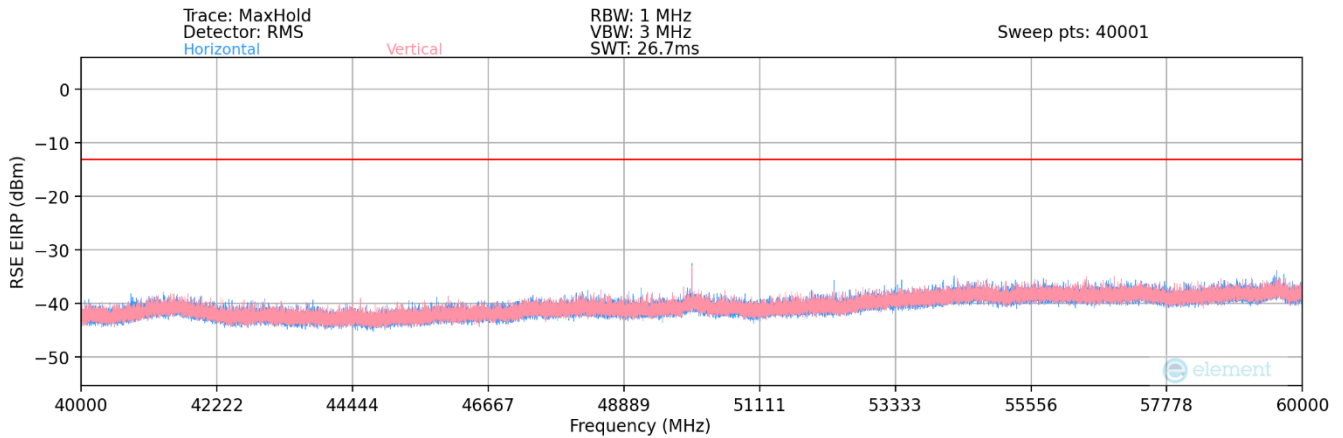
**Table 7-51. Ant 2 - n258-R2 Radiated Spurious Emissions Table (18GHz - 40GHz)**

**Notes**

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 1 meter.

<b>FCC ID:</b> A3LSMS916U	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2209010097-08.A3L	<b>Test Dates:</b> 9/12 – 11/7/2022	<b>EUT Type:</b> Portable Handset	Page 112 of 206

## 40GHz - 60GHz



Plot 7-128. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1.5 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
49550.16	Low	50	2Tx	QPSK	H	88	253	-33.17	-13.00	-20.17
49999.92	Mid	50	2Tx	QPSK	H	89	254	-33.01	-13.00	-20.01
50449.92	High	50	2Tx	QPSK	H	90	240	-33.34	-13.00	-20.34

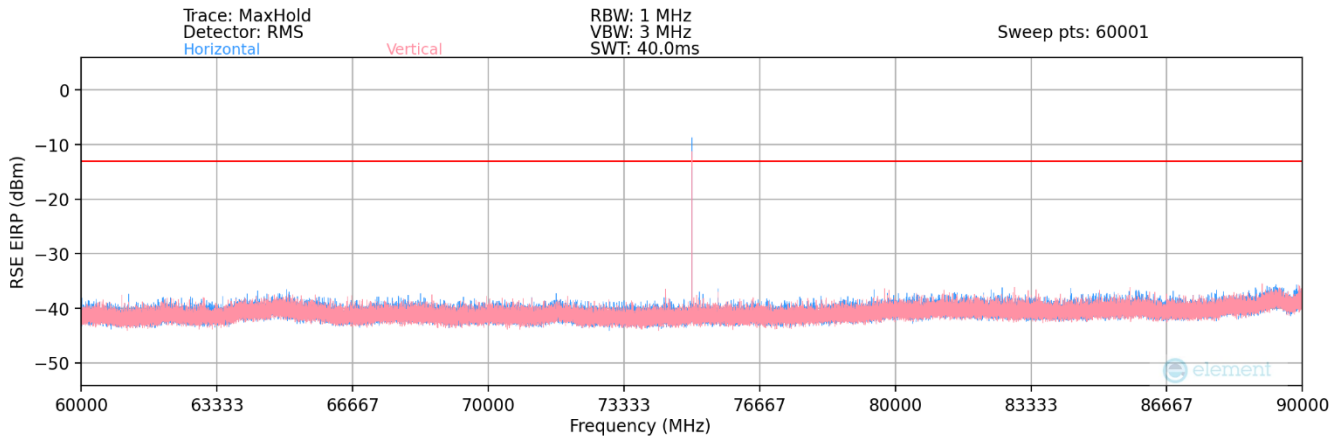
Table 7-52. Ant 2 - n258-R2 Radiated Spurious Emissions Table (40GHz - 60GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1.5 meter.

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## 60GHz - 90GHz



Plot 7-129. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
74325.24	Low	50	2Tx	QPSK	H	*	*	-22.93	-13.00	-9.93
74999.88	Mid	50	2Tx	QPSK	H	*	*	-22.21	-13.00	-9.21
75674.88	High	50	2Tx	QPSK	H	*	*	-22.11	-13.00	-9.11

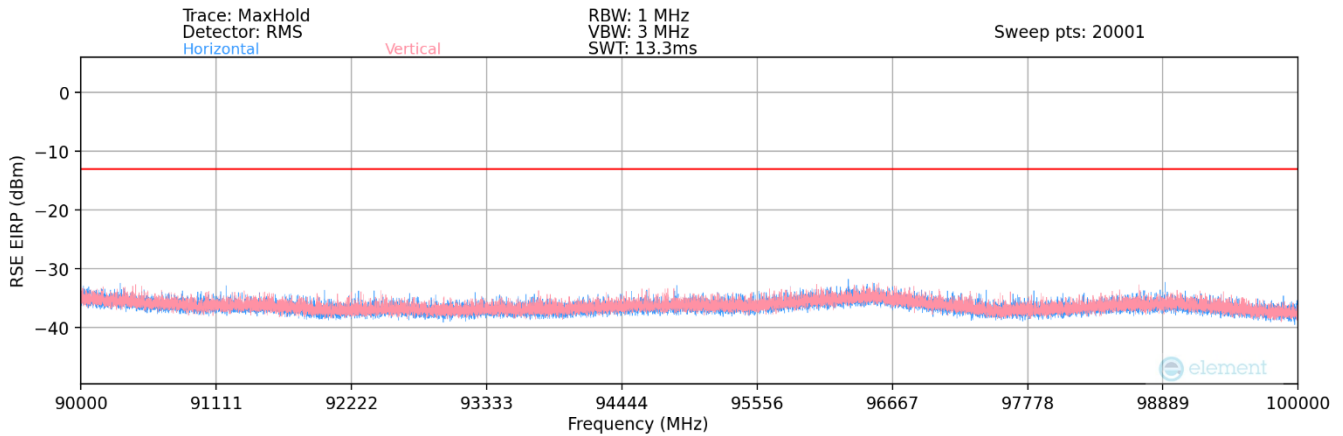
Table 7-53. Ant 2 - n258-R2 Radiated Spurious Emissions Table (60GHz - 90GHz)

### Notes

- 1) The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.
- 2) Rows marked with \* indicate a spurious emission level that was measured using the Spherical Grid TRP Method per KDB 842590.

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## 90GHz - 100GHz



Plot 7-130. Ant 2 - n258-R2 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n258-R2)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
93429.00	Low	50	2Tx	QPSK	H	-	-	-42.66	-13.00	-29.66
94807.00	Mid	50	2Tx	QPSK	H	-	-	-42.04	-13.00	-29.04
96525.00	High	50	2Tx	QPSK	H	-	-	-40.58	-13.00	-27.58

Table 7-54. Ant 2 - n258-R2 Radiated Spurious Emissions Table (90GHz - 100GHz)

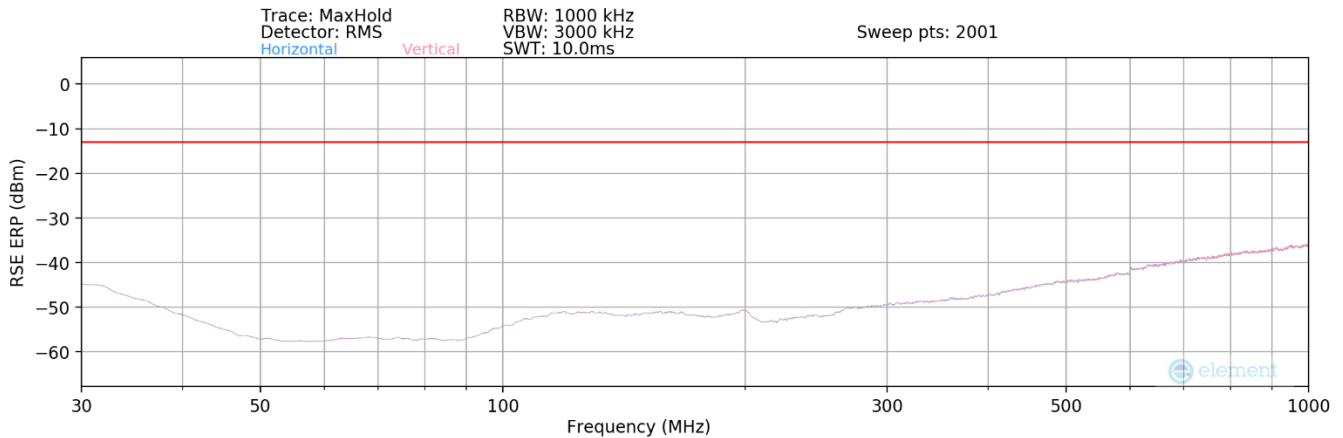
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## Band n261 – Ant 1

### 30MHz - 1GHz



Plot 7-131. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions ERP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE ERP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE ERP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 - 2.15 \text{ (dB)}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
143.60	Low	50	2Tx	QPSK	H	-	-	-60.11	-13.00	-47.11
389.40	Mid	50	2Tx	QPSK	H	-	-	-55.79	-13.00	-42.79
951.72	High	50	2Tx	QPSK	H	-	-	-45.02	-13.00	-32.02

Table 7-55. Ant 1 - n261 Radiated Spurious Emissions Table (30MHz - 1GHz)

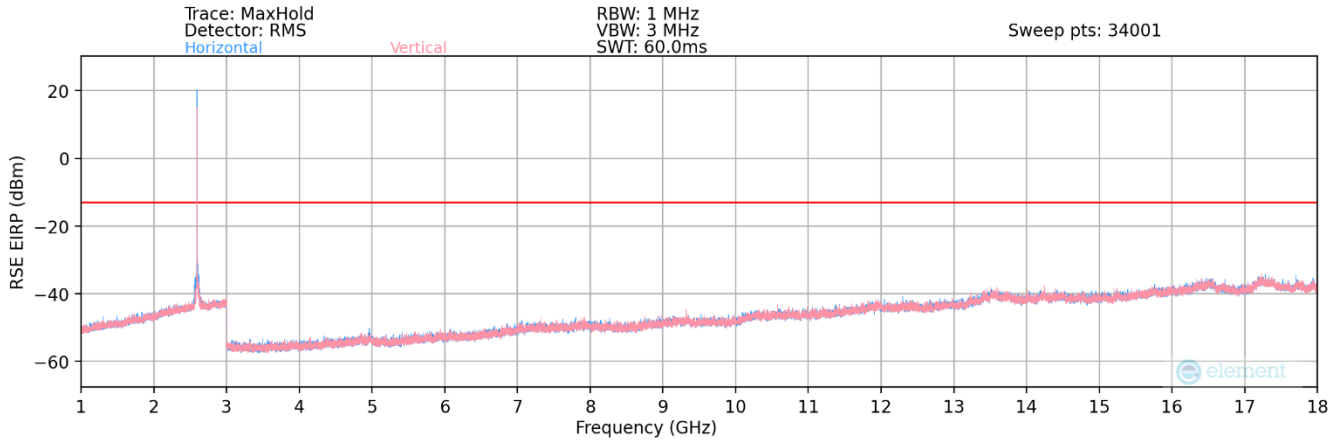
### Notes

The RSE ERP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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## 1GHz - 18GHz



Plot 7-132. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
9504.60	Low	50	2Tx	QPSK	H	147	27	-49.95	-13.00	-36.95
8778.20	Mid	50	2Tx	QPSK	H	153	10	-51.62	-13.00	-38.62
8871.20	High	50	2Tx	QPSK	H	153	21	-50.95	-13.00	-37.95

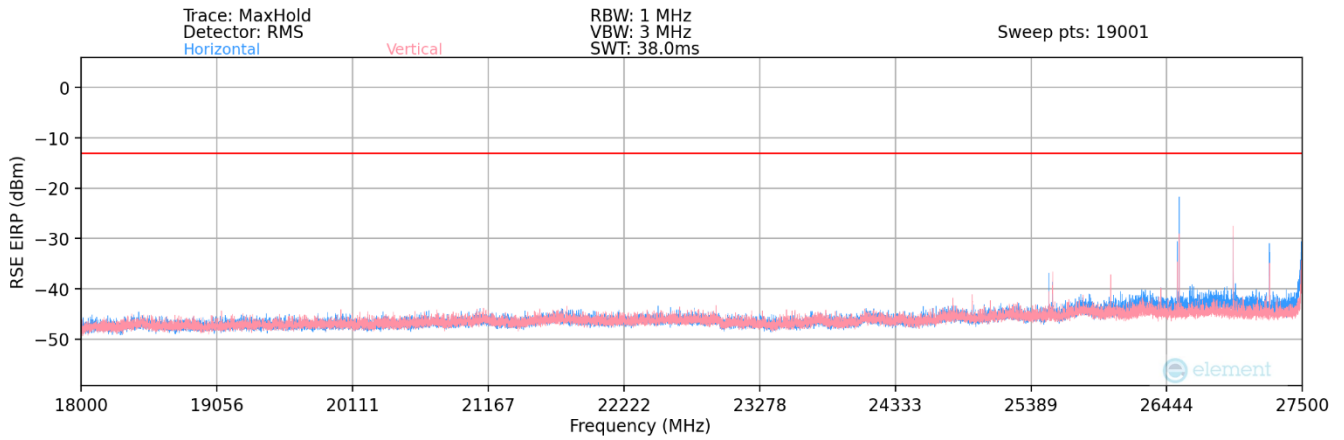
Table 7-56. Ant 1 - n261 Radiated Spurious Emissions Table (1GHz - 18GHz)

#### Notes

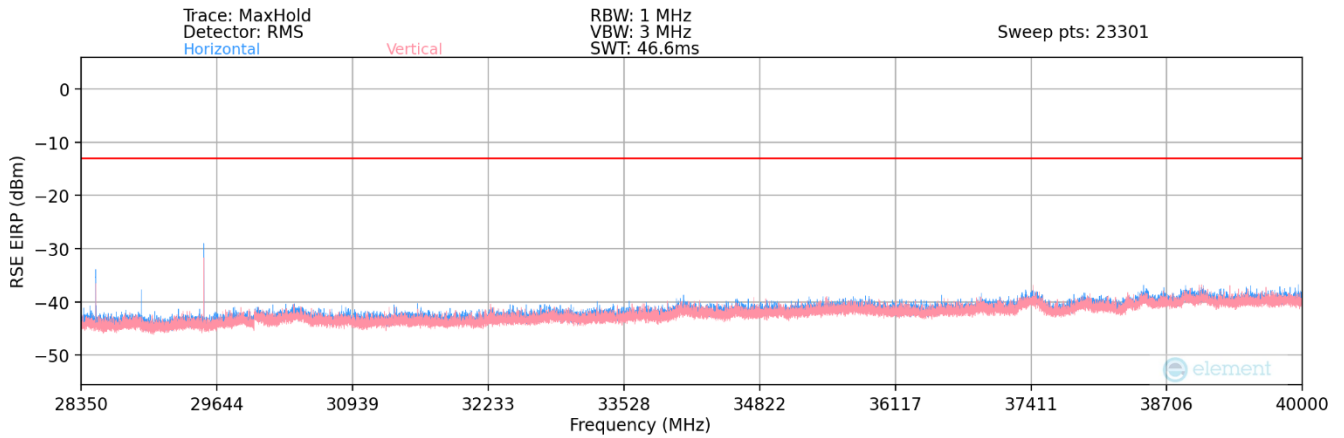
The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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### 18GHz - 40GHz



**Plot 7-133. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Low Channel 2Tx - NR-DC Anchor Band 41)**



**Plot 7-134. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx - NR-DC Anchor Band 41)**

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## Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
26541.00	Low	50	2Tx	QPSK	H	278	85	-20.56	-13.00	-7.56
26962.00	Low	50	2Tx	QPSK	V	241	82	-27.30	-13.00	-14.30
28089.00	Low	50	2Tx	QPSK	H	277	91	-31.28	-13.00	-18.28
28514.50	Low	50	2Tx	QPSK	H	267	85	-29.95	-13.00	-16.95
26926.50	Mid	50	2Tx	QPSK	H	276	85	-29.12	-13.00	-16.12
27363.50	Mid	50	2Tx	QPSK	V	242	79	-29.48	-13.00	-16.48
28489.00	Mid	50	2Tx	QPSK	H	283	91	-32.64	-13.00	-19.64
29520.50	Mid	50	2Tx	QPSK	H	288	87	-28.34	-13.00	-15.34
27326.50	High	50	2Tx	QPSK	H	266	89	-30.63	-13.00	-17.63
27814.50	High	50	2Tx	QPSK	V	241	75	-29.45	-13.00	-16.45
28837.50	High	50	2Tx	QPSK	H	286	95	-32.82	-13.00	-19.82
30042.00	High	50	2Tx	QPSK	H	287	84	-31.90	-13.00	-18.90

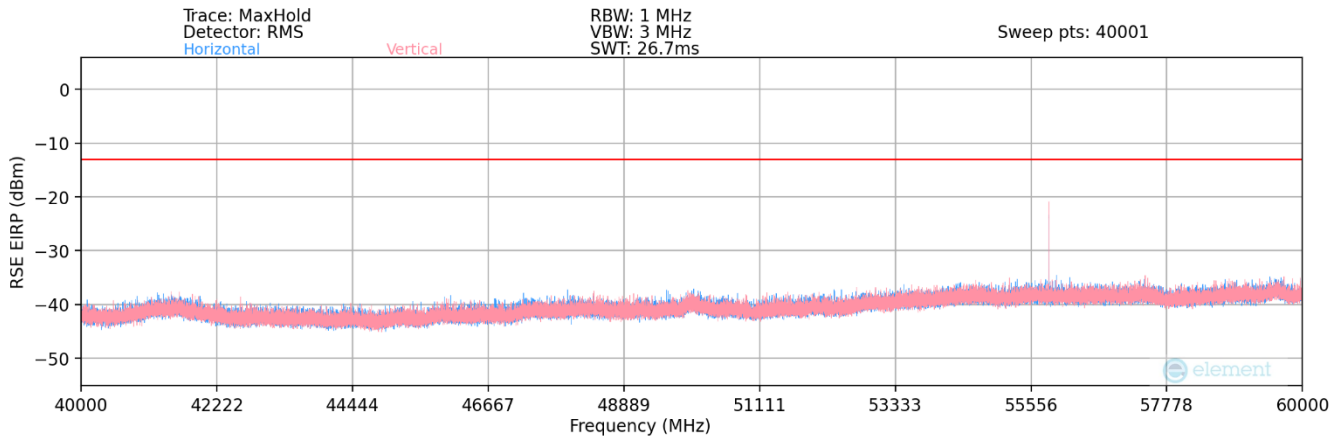
**Table 7-57. Ant 1 - n261 Radiated Spurious Emissions Table (18GHz - 40GHz)**

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 1 meter.

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## 40GHz - 60GHz



Plot 7-135. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1.5 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
55050.00	Low	50	2Tx	QPSK	V	341	255	-24.16	-13.00	-11.16
55849.92	Mid	50	2Tx	QPSK	V	343	255	-21.27	-13.00	-8.27
56649.84	High	50	2Tx	QPSK	V	344	256	-21.48	-13.00	-8.48

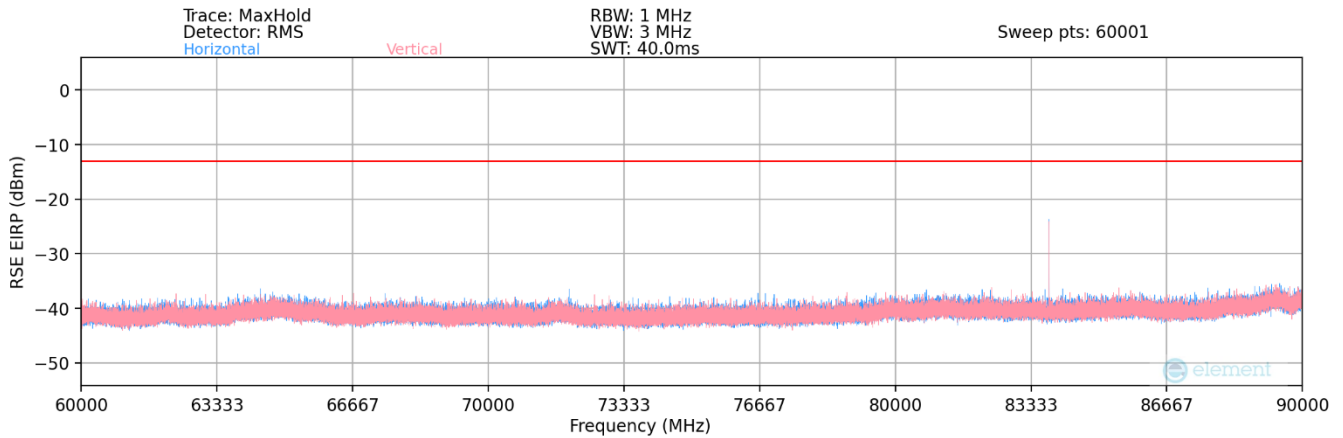
Table 7-58. Ant 1 - n261 Radiated Spurious Emissions Table (40GHz - 60GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1.5 meter.

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## 60GHz - 90GHz



Plot 7-136. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
82575.00	Low	50	2Tx	QPSK	H	291	68	-24.43	-13.00	-11.43
83774.88	Mid	50	2Tx	QPSK	H	291	55	-23.31	-13.00	-10.31
84974.76	High	50	2Tx	QPSK	H	293	65	-26.83	-13.00	-13.83

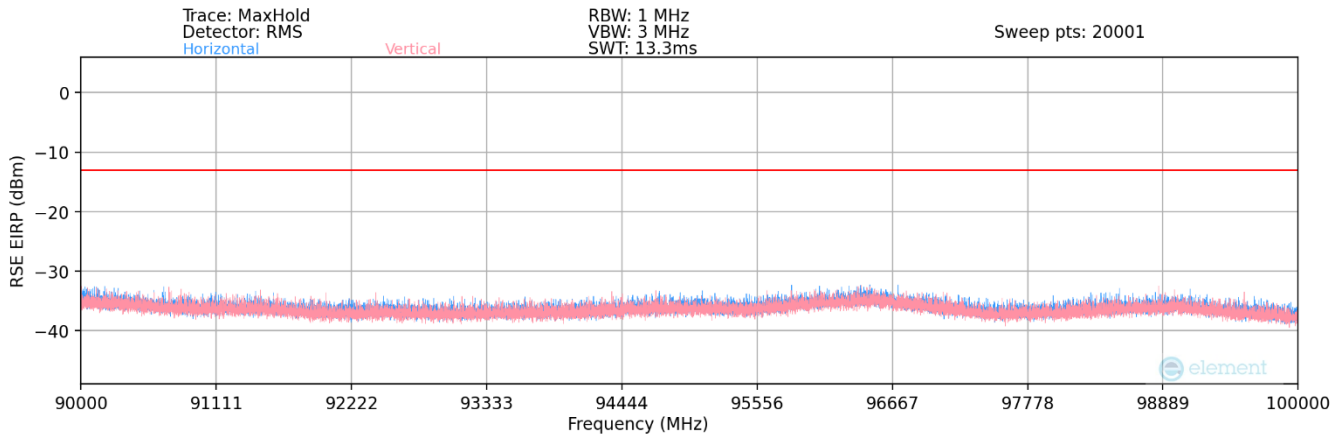
Table 7-59. Ant 1 - n261 Radiated Spurious Emissions Table (60GHz - 90GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 90GHz - 100GHz



Plot 7-137. Ant 1 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
94990.00	Low	50	2Tx	QPSK	H	-	-	-42.02	-13.00	-29.02
95235.00	Mid	50	2Tx	QPSK	H	-	-	-42.08	-13.00	-29.08
96254.76	High	50	2Tx	QPSK	H	-	-	-40.78	-13.00	-27.78

Table 7-60. Ant 1 - n261 Radiated Spurious Emissions Table (90GHz - 100GHz)

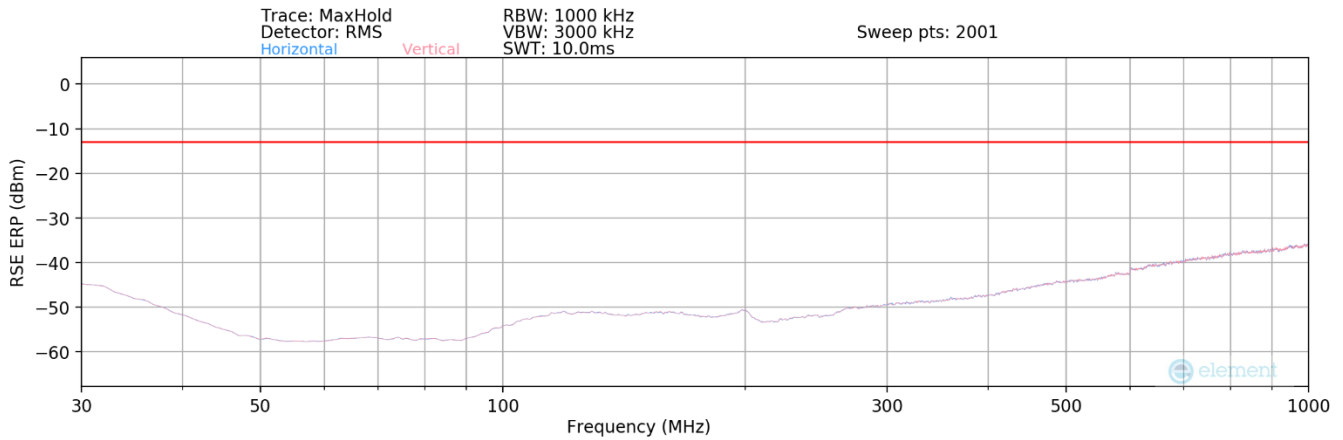
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## Band n261 – Ant 2

### 30MHz - 1GHz



Plot 7-138. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions ERP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE ERP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE ERP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 - 2.15 \text{ (dB)}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
786.30	Low	50	2Tx	QPSK	V	-	-	-47.30	-13.00	-34.30
834.50	Mid	50	2Tx	QPSK	V	-	-	-46.90	-13.00	-33.90
944.55	High	50	2Tx	QPSK	V	-	-	-46.32	-13.00	-33.32

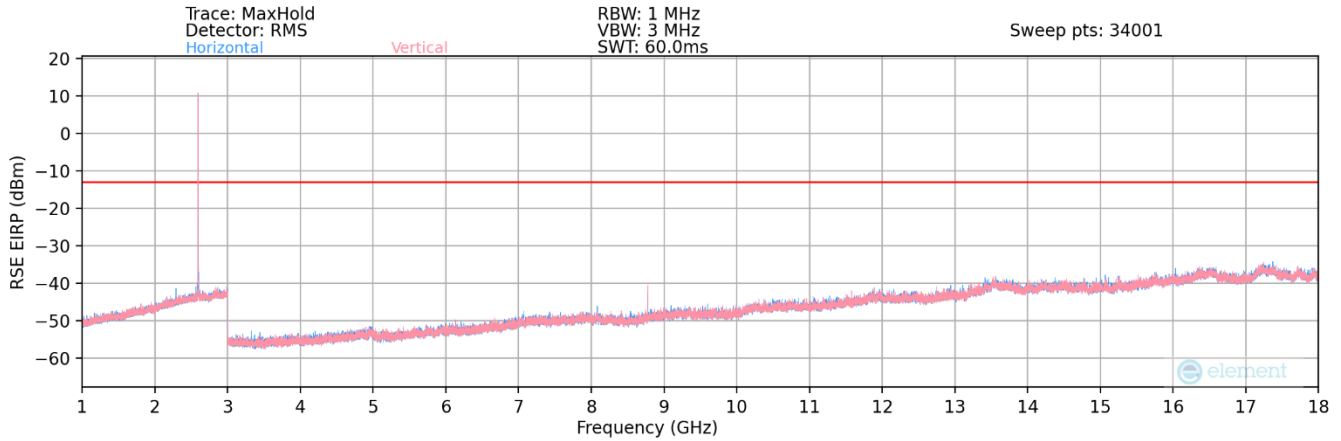
Table 7-61. Ant 2 - n261 Radiated Spurious Emissions Table (30MHz - 1GHz)

### Notes

The RSE ERP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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# 1GHz - 18GHz



Plot 7-139. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Low Channel 2Tx – NR-DC Anchor Band 41)

## Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
9504.00	Low	50	2Tx	QPSK	V	103	209	-45.26	-13.00	-32.26
8777.00	Mid	50	2Tx	QPSK	V	103	205	-42.73	-13.00	-29.73
8870.00	High	50	2Tx	QPSK	V	104	230	-43.34	-13.00	-30.34

Table 7-62. Ant 2 - n261 Radiated Spurious Emissions Table (1GHz - 18GHz)

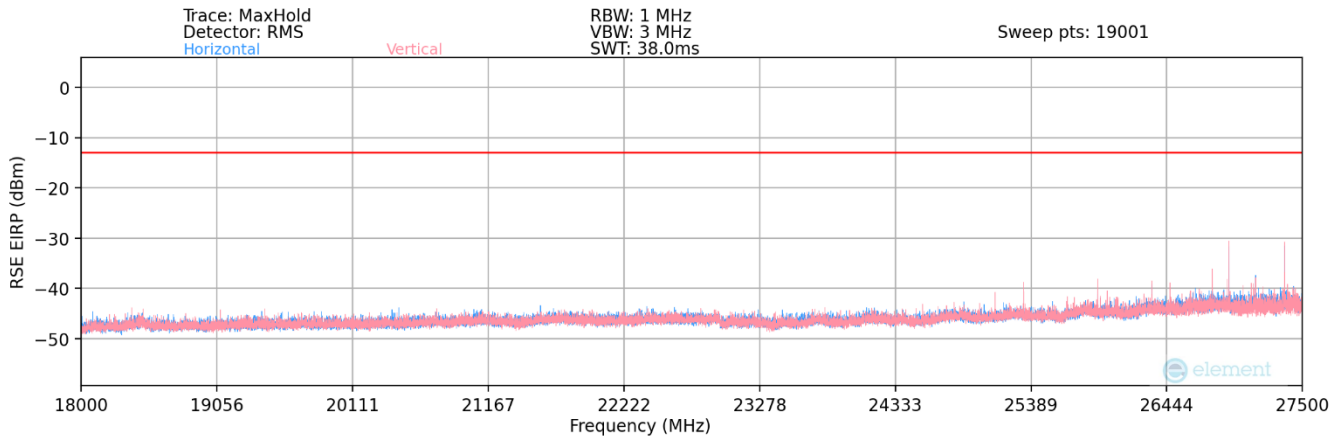
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

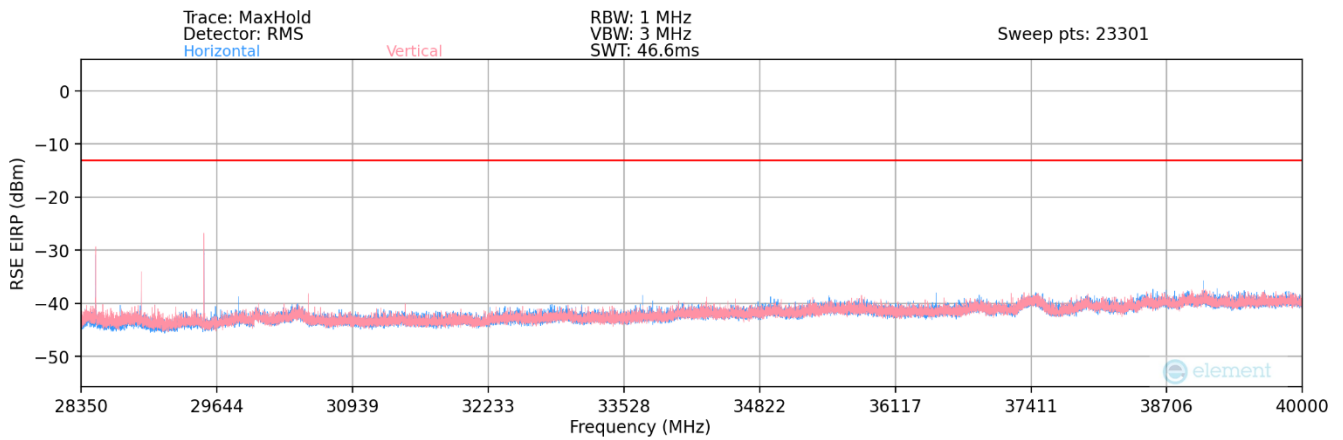
FCC ID: A3LSMS916U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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### 18GHz - 40GHz



**Plot 7-140. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx - NR-DC Anchor Band 41)**



**Plot 7-141. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx - NR-DC Anchor Band 41)**

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## Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
26541.00	Low	50	2Tx	QPSK	V	105	346	-27.79	-13.00	-14.79
26962.00	Low	50	2Tx	QPSK	V	107	346	-32.62	-13.00	-19.62
28089.00	Low	50	2Tx	QPSK	V	108	346	-33.90	-13.00	-20.90
28510.00	Low	50	2Tx	QPSK	V	70	15	-33.03	-13.00	-20.03
26926.50	Mid	50	2Tx	QPSK	V	107	345	-30.42	-13.00	-17.42
27363.50	Mid	50	2Tx	QPSK	V	111	345	-32.01	-13.00	-19.01
28489.00	Mid	50	2Tx	QPSK	V	111	346	-31.62	-13.00	-18.62
29520.50	Mid	50	2Tx	QPSK	V	107	347	-26.35	-13.00	-13.35
27326.50	High	50	2Tx	QPSK	V	106	345	-28.78	-13.00	-15.78
27814.50	High	50	2Tx	QPSK	V	110	346	-31.38	-13.00	-18.38
28837.50	High	50	2Tx	QPSK	V	109	346	-30.66	-13.00	-17.66
30042.00	High	50	2Tx	QPSK	V	108	347	-27.44	-13.00	-14.44

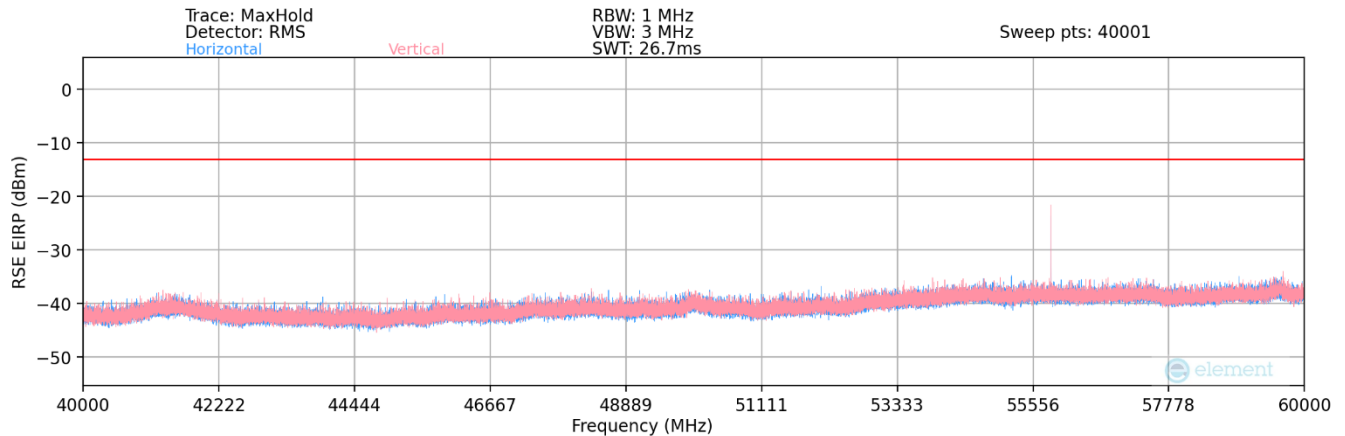
**Table 7-63. Ant 2 - n261 Radiated Spurious Emissions Table (18GHz - 40GHz)**

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 1 meter.

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## 40GHz - 60GHz



Plot 7-142. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1.5 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
55050.00	Low	50	2Tx	QPSK	V	148	272	-23.38	-13.00	-10.38
55849.92	Mid	50	2Tx	QPSK	V	151	274	-21.23	-13.00	-8.23
56649.84	High	50	2Tx	QPSK	V	142	272	-19.43	-13.00	-6.43

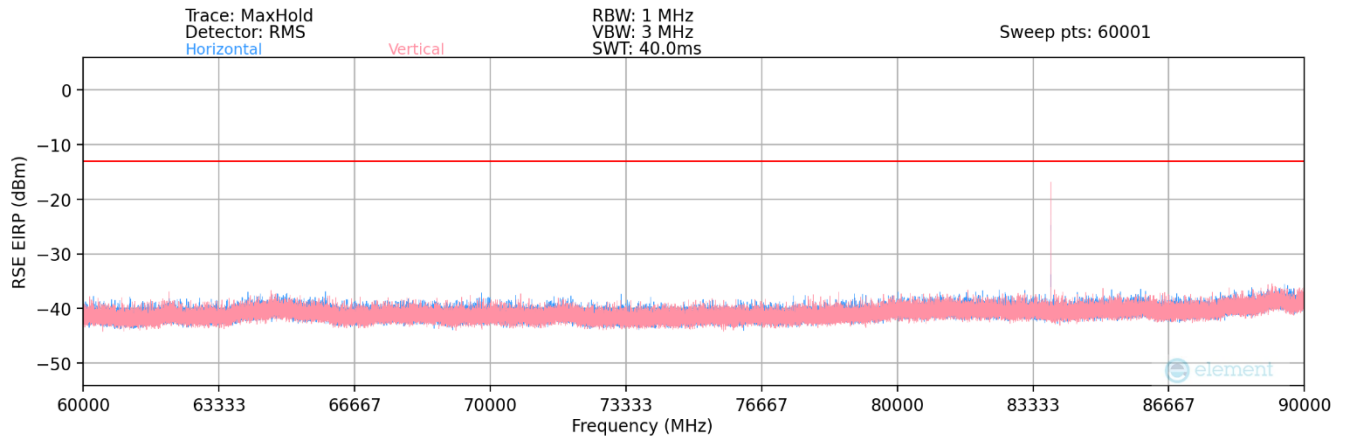
Table 7-64. Ant 2 - n261 Radiated Spurious Emissions Table (40GHz - 60GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1.5 meter.

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## 60GHz - 90GHz



Plot 7-143. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
82575.00	Low	50	2Tx	QPSK	V	3	267	-20.87	-13.00	-7.87
83774.88	Mid	50	2Tx	QPSK	V	1	269	-16.89	-13.00	-3.89
84974.76	High	50	2Tx	QPSK	V	4	268	-20.42	-13.00	-7.42

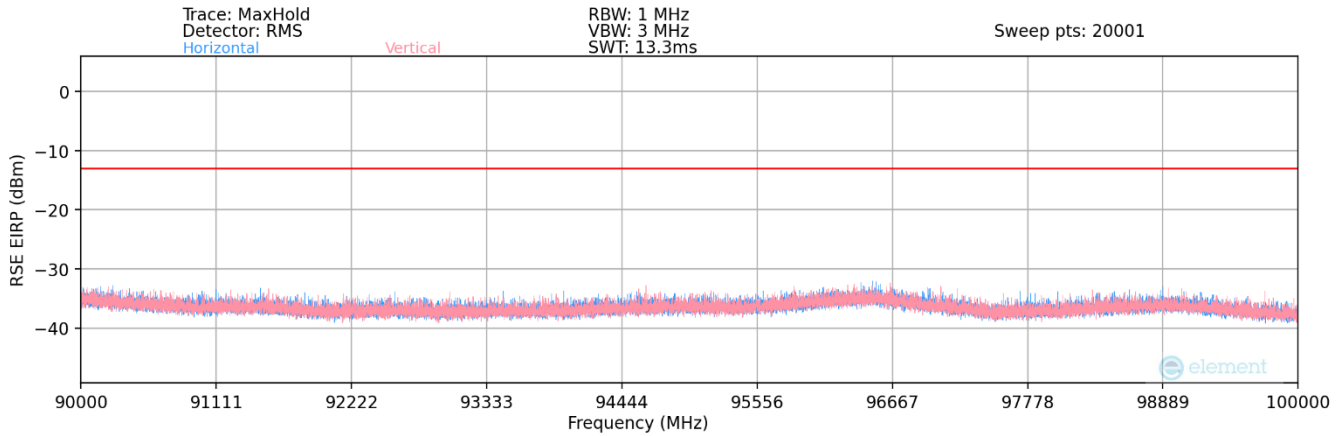
Table 7-65. Ant 2 - n261 Radiated Spurious Emissions Table (60GHz - 90GHz)

#### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

FCC ID: A3LSMS916U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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## 90GHz - 100GHz



Plot 7-144. Ant 2 - n261 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n261)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
94586.90	Low	50	2Tx	QPSK	V	-	-	-41.48	-13.00	-28.48
96482.50	Mid	50	2Tx	QPSK	V	-	-	-40.58	-13.00	-27.58
97352.10	High	50	2Tx	QPSK	V	-	-	-41.47	-13.00	-28.47

Table 7-66. Ant 2 - n261 Radiated Spurious Emissions Table (90GHz - 100GHz)

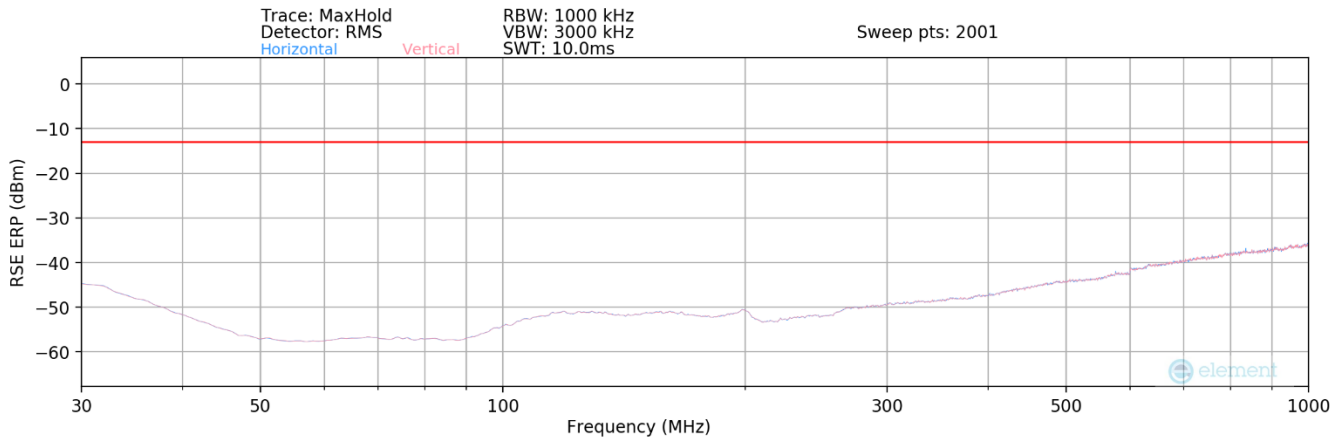
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## Band n260 – Ant 1

### 30MHz - 1GHz



Plot 7-145. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions ERP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE ERP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE ERP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 - 2.15 \text{ (dB)}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
191.14	Low	50	2Tx	QPSK	V	-	-	-60.01	-13.00	-47.01
364.38	Mid	50	2Tx	QPSK	V	-	-	-56.39	-13.00	-43.39
526.92	High	50	2Tx	QPSK	V	-	-	-52.67	-13.00	-39.67

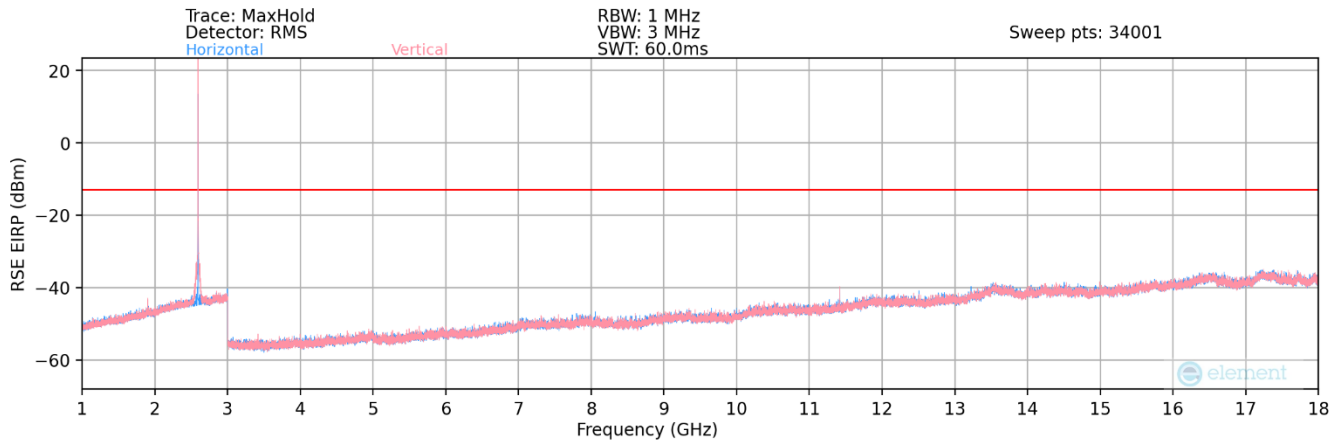
Table 7-67. Ant 1 - n260 Radiated Spurious Emissions Table (30MHz - 1GHz)

### Notes

The RSE ERP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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## 1GHz - 18GHz



Plot 7-146. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
11221.00	Low	50	2Tx	QPSK	V	103	325	-43.10	-13.00	-30.10
11415.50	Mid	50	2Tx	QPSK	V	102	324	-43.06	-13.00	-30.06
11713.00	High	50	2Tx	QPSK	V	108	318	-41.46	-13.00	-28.46

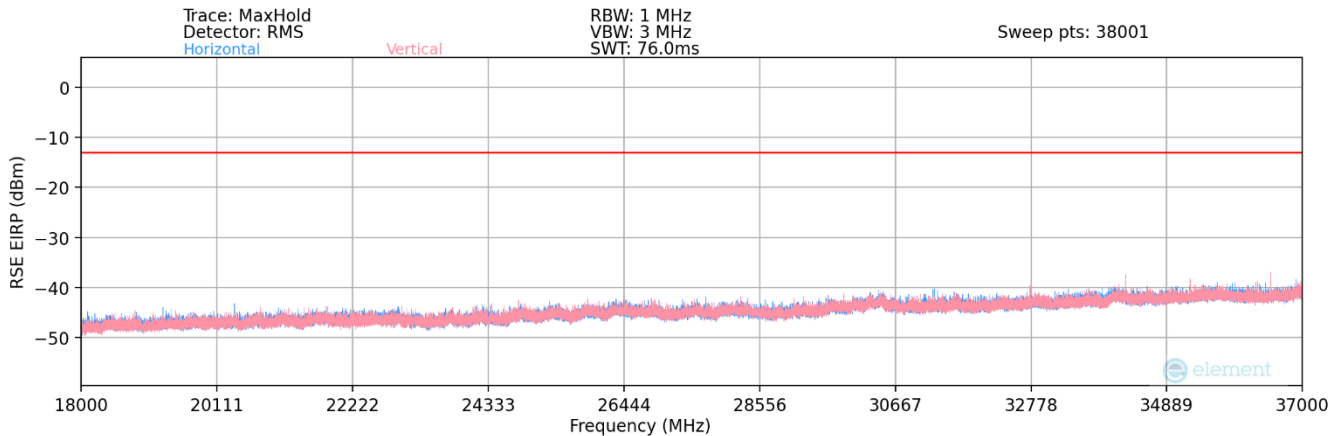
Table 7-68. Ant 1 - n260 Radiated Spurious Emissions Table (1GHz - 18GHz)

#### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

FCC ID: A3LSMS916U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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## 18GHz - 37GHz



Plot 7-147. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
33663.50	Low	50	2Tx	QPSK	H	70	47	-39.90	-13.00	-26.90
34875.00	Low	50	2Tx	QPSK	V	108	43	-44.42	-13.00	-31.42
36488.50	Low	50	2Tx	QPSK	V	106	40	-30.72	-13.00	-17.72
34247.00	Mid	50	2Tx	QPSK	H	77	49	-36.18	-13.00	-23.18
35557.50	Mid	50	2Tx	QPSK	V	105	41	-37.83	-13.00	-24.83
35907.00	Mid	50	2Tx	QPSK	V	106	43	-42.85	-13.00	-29.85
36505.50	Mid	50	2Tx	QPSK	V	105	39	-35.42	-13.00	-22.42
35139.50	High	50	2Tx	QPSK	H	75	45	-36.53	-13.00	-23.53
35854.00	High	50	2Tx	QPSK	V	106	42	-34.48	-13.00	-21.48
36444.50	High	50	2Tx	QPSK	V	106	41	-33.34	-13.00	-20.34

Table 7-69. Ant 1 - n260 Radiated Spurious Emissions Table (18GHz - 37GHz)

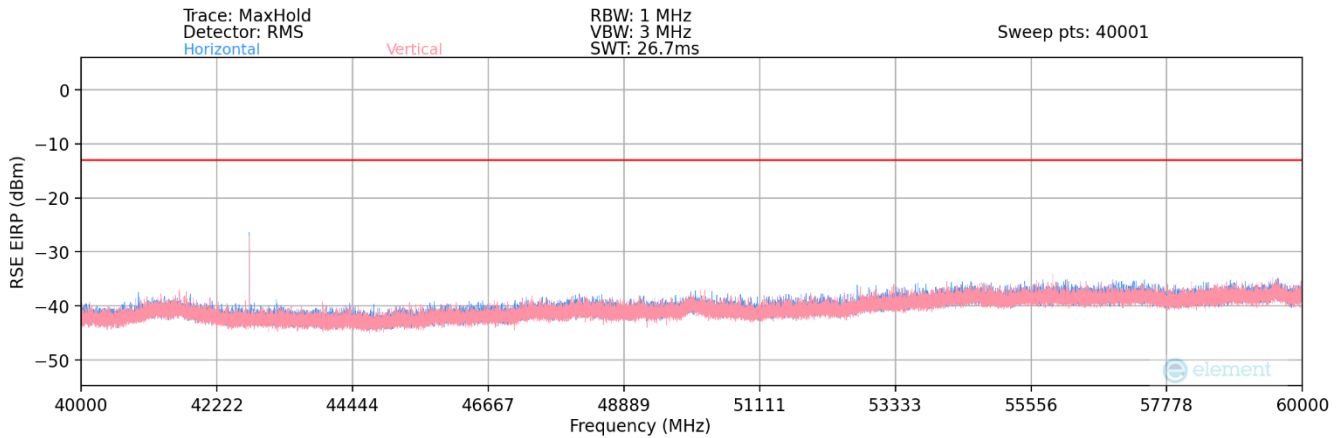
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 1 meter.

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## 40GHz - 60GHz



Plot 7-148. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1.5 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
40387.89	Low	50	2Tx	QPSK	H	94	68	-31.39	-13.00	-18.39
42753.00	Mid	50	2Tx	QPSK	H	96	90	-28.89	-13.00	-15.89
44811.25	High	50	2Tx	QPSK	H	90	112	-32.82	-13.00	-19.82

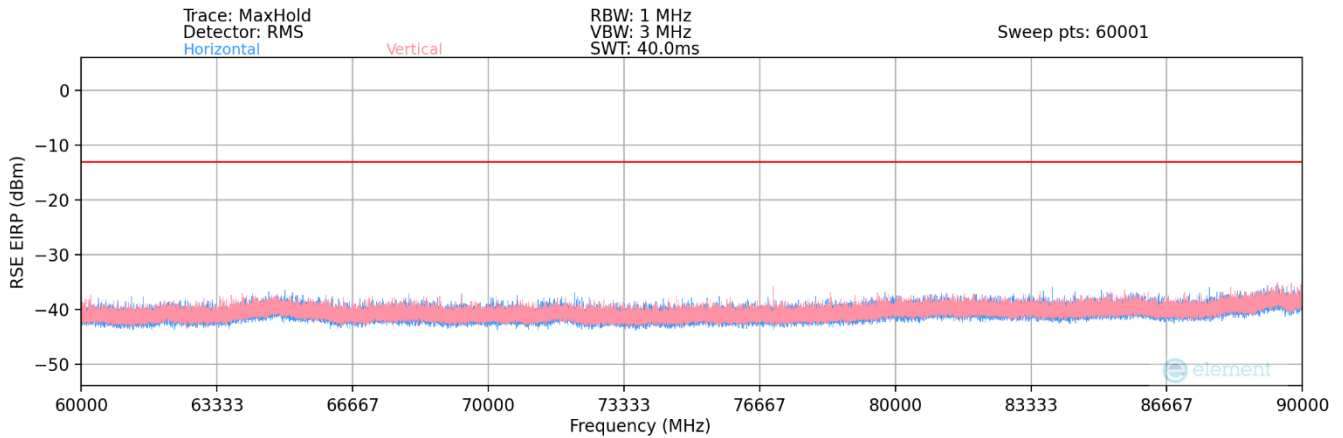
Table 7-70. Ant 1 - n260 Radiated Spurious Emissions Table (40GHz - 60GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1.5 meter.

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## 60GHz - 90GHz



Plot 7-149. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK High Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
74050.08	Low	50	2Tx	QPSK	V	310	89	-37.98	-13.00	-24.98
76999.92	Mid	50	2Tx	QPSK	V	317	88	-37.81	-13.00	-24.81
79950.00	High	50	2Tx	QPSK	V	311	90	-39.43	-13.00	-26.43

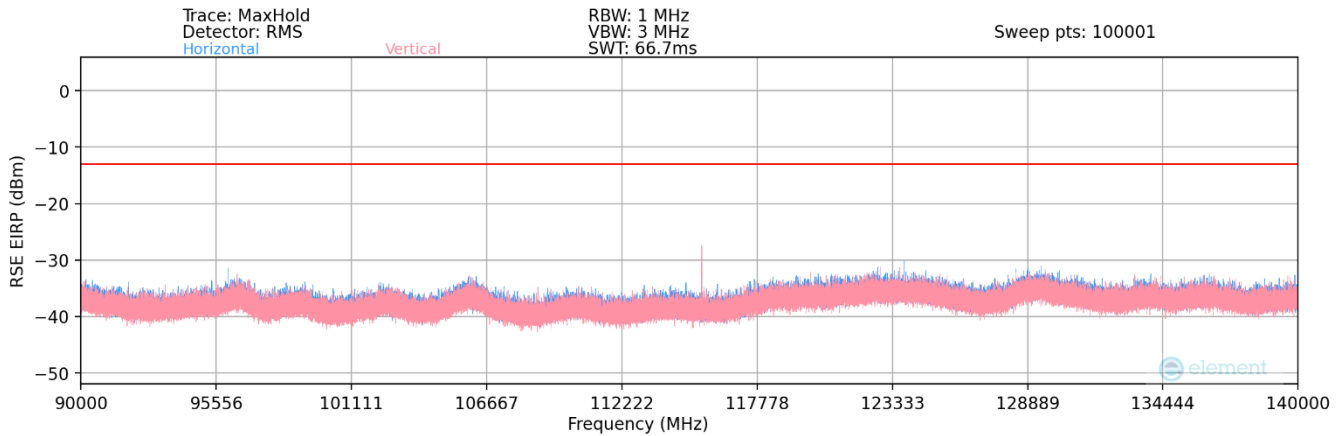
Table 7-71. Ant 1 - n260 Radiated Spurious Emissions Table (60GHz - 90GHz)

#### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 90GHz - 140GHz



Plot 7-150. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
111075.12	Low	50	2Tx	QPSK	V	233	90	-25.15	-13.00	-12.15
115499.88	Mid	50	2Tx	QPSK	V	245	88.8	-26.02	-13.00	-13.02
119925.00	High	50	2Tx	QPSK	V	215	98	-29.01	-13.00	-16.01

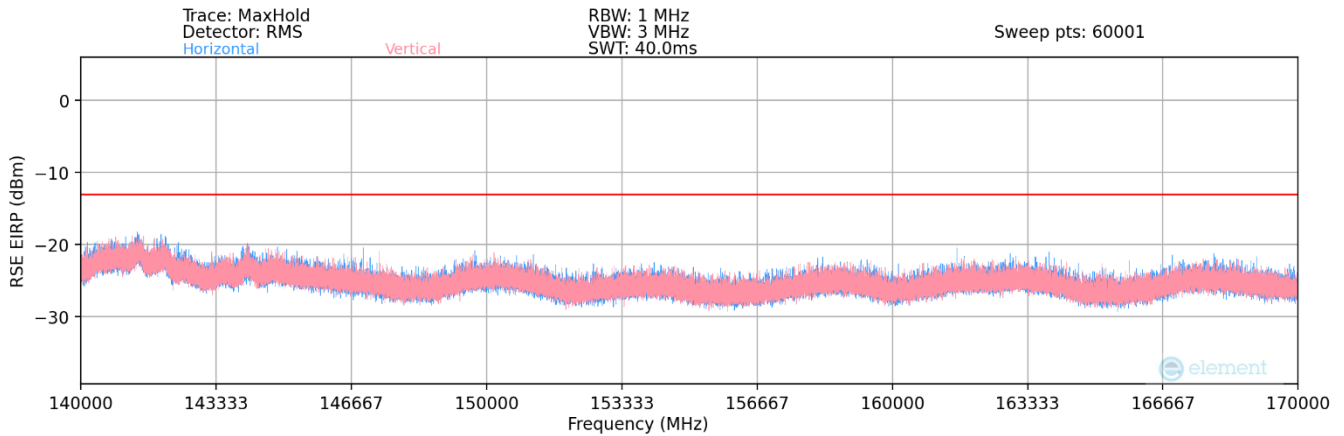
Table 7-72. Ant 1 - n260 Radiated Spurious Emissions Table (90GHz - 140GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 140GHz - 170GHz



Plot 7-151. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
148100.16	Low	50	2Tx	QPSK	V	-	-	-29.05	-13.00	-16.05
153999.84	Mid	50	2Tx	QPSK	V	-	-	-28.37	-13.00	-15.37
159900.00	High	50	2Tx	QPSK	V	-	-	-29.14	-13.00	-16.14

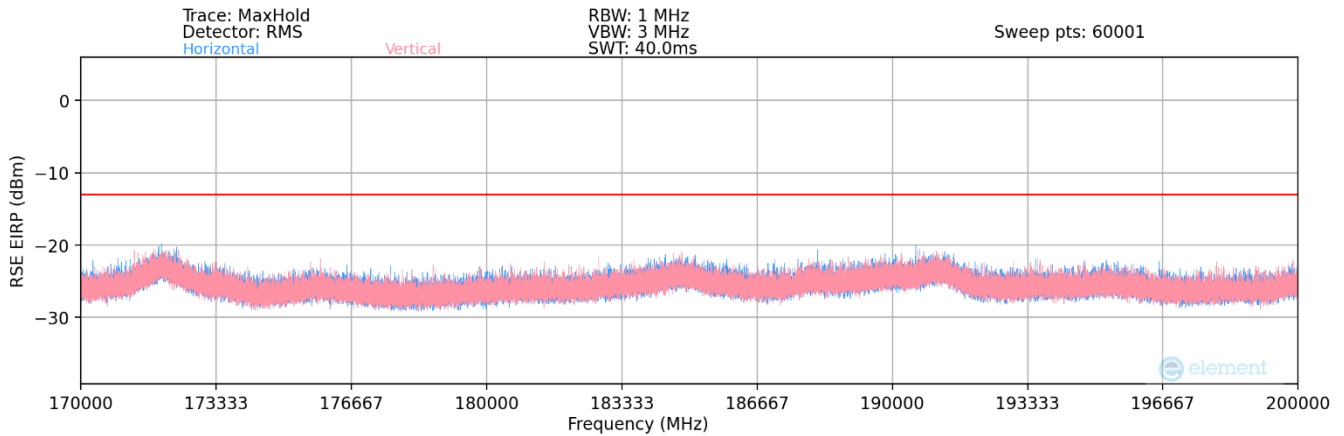
Table 7-73. Ant 1 - n260 Radiated Spurious Emissions Table (140GHz - 170GHz)

#### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 170GHz - 200GHz



Plot 7-152. Ant 1 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
185125.20	Low	50	2Tx	QPSK	V	-	-	-29.26	-13.00	-16.26
192499.80	Mid	50	2Tx	QPSK	V	-	-	-30.75	-13.00	-17.75
199875.00	High	50	2Tx	QPSK	V	-	-	-30.37	-13.00	-17.37

Table 7-74. Ant 1 - n260 Radiated Spurious Emissions Table (170GHz - 200GHz)

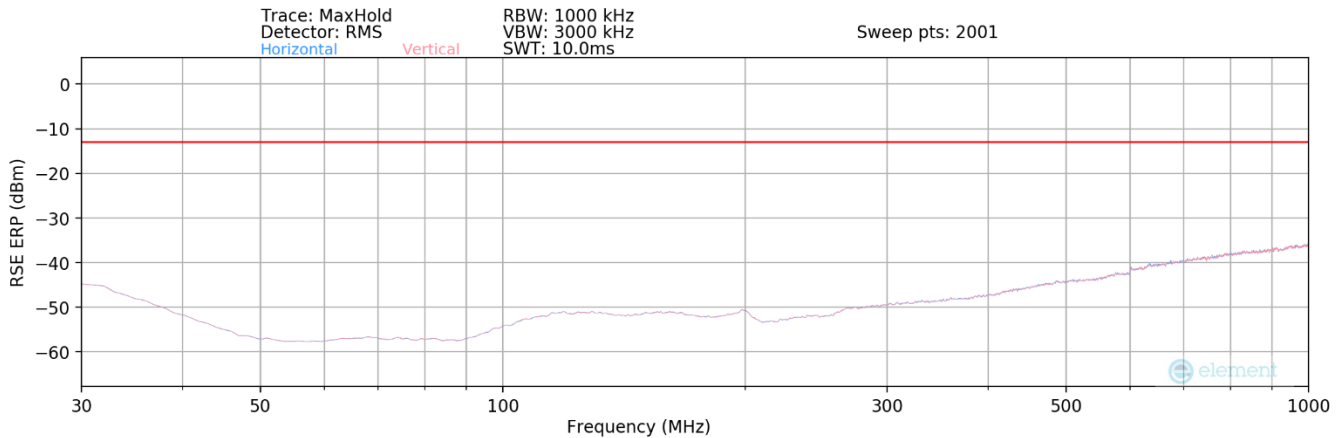
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## Band n260 – Ant 2

### 30MHz - 1GHz



Plot 7-153. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions ERP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE ERP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE ERP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log}(Dm) - 104.8 - 2.15 \text{ (dB)}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
78.34	Low	50	2Tx	QPSK	H	-	-	-65.55	-13.00	-52.55
683.00	Mid	50	2Tx	QPSK	H	-	-	-48.69	-13.00	-35.69
817.00	High	50	2Tx	QPSK	H	-	-	-47.06	-13.00	-34.06

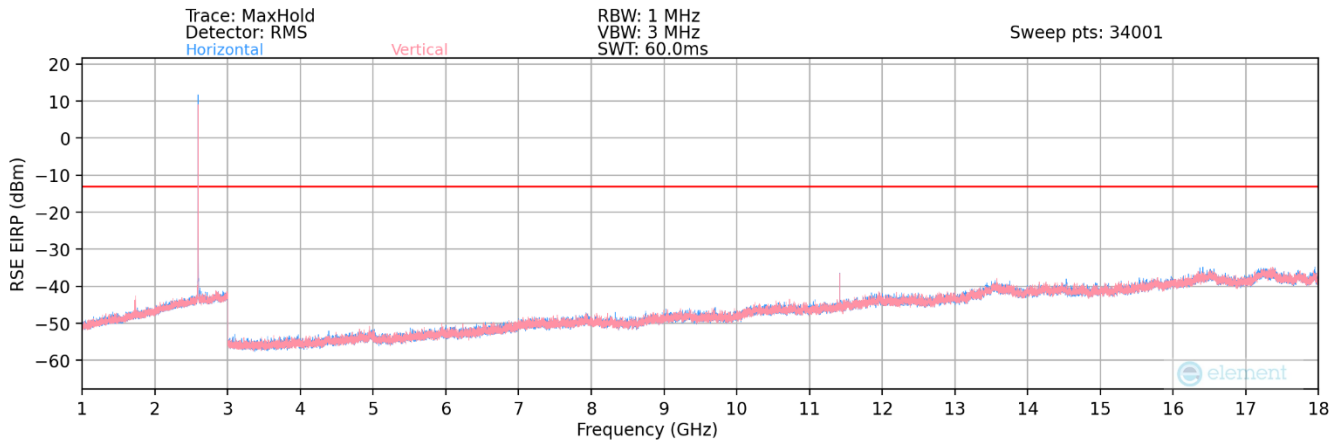
Table 7-75. Ant 2 - n260 Radiated Spurious Emissions Table (30MHz - 1GHz)

### Notes

The RSE ERP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

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# 1GHz - 18GHz



Plot 7-154. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

## Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 3 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Antenna Height [cm]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
11221.00	Low	50	2Tx	QPSK	H	205	71	-41.27	-13.00	-28.27
11415.50	Mid	50	2Tx	QPSK	H	209	68	-39.95	-13.00	-26.95
11713.00	High	50	2Tx	QPSK	H	209	64	-41.82	-13.00	-28.82

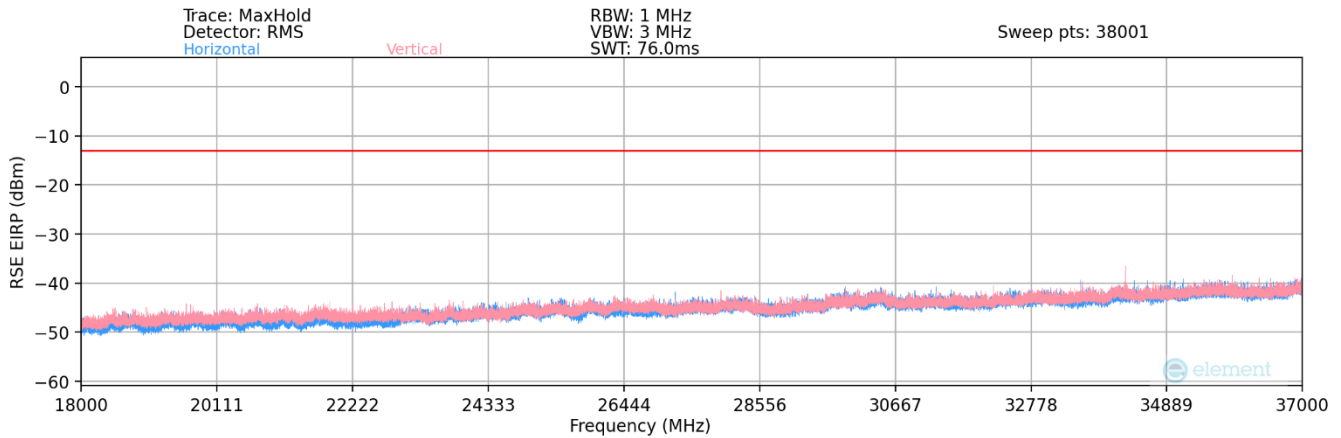
Table 7-76. Ant 2 - n260 Radiated Spurious Emissions Table (1GHz - 18GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 3 meter.

FCC ID: A3LSMS916U	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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## 18GHz - 37GHz



Plot 7-155. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
33663.50	Low	50	2Tx	QPSK	V	115	19	-36.22	-13.00	-23.22
34875.00	Low	50	2Tx	QPSK	V	110	18	-44.52	-13.00	-31.52
36488.50	Low	50	2Tx	QPSK	V	109	18	-28.05	-13.00	-15.05
34247.00	Mid	50	2Tx	QPSK	V	111	19	-35.01	-13.00	-22.01
35557.50	Mid	50	2Tx	QPSK	V	107	18	-38.09	-13.00	-25.09
35907.00	Mid	50	2Tx	QPSK	V	109	18	-40.38	-13.00	-27.38
36505.50	Mid	50	2Tx	QPSK	V	112	18	-36.88	-13.00	-23.88
35139.50	High	50	2Tx	QPSK	V	115	18	-29.34	-13.00	-16.34
35854.00	High	50	2Tx	QPSK	V	109	18	-30.95	-13.00	-17.95
36444.00	High	50	2Tx	QPSK	V	108	18	-30.96	-13.00	-17.96

Table 7-77. Ant 2 - n260 Radiated Spurious Emissions Table (18GHz - 37GHz)

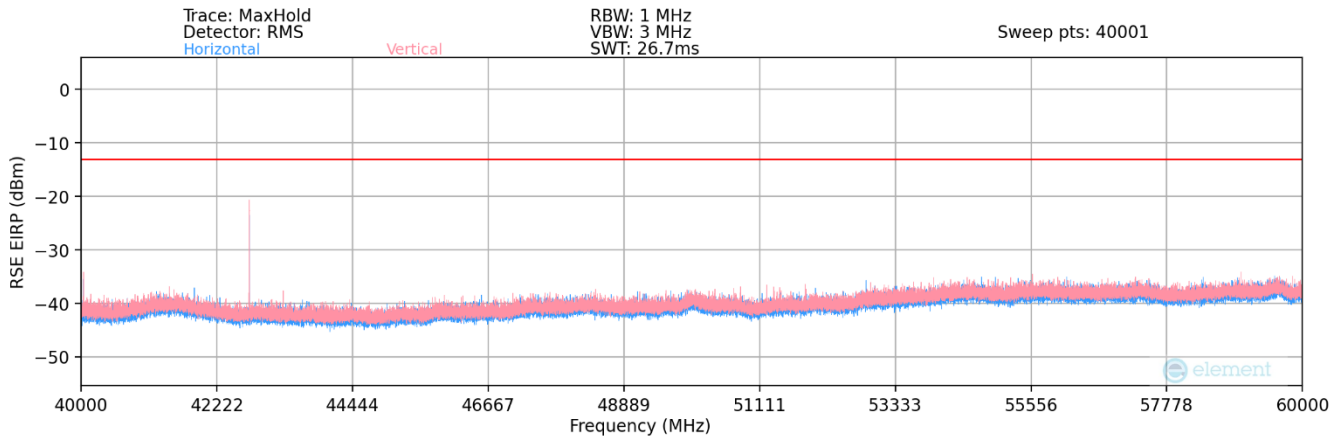
### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, and cable losses. Measurements were performed at a distance of 1 meter.

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## 40GHz - 60GHz



Plot 7-156. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK High Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1.5 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
40387.89	Low	50	2Tx	QPSK	V	262	333	-19.02	-13.00	-6.02
42753.00	Mid	50	2Tx	QPSK	V	262	335	-19.56	-13.00	-6.56
44811.25	High	50	2Tx	QPSK	V	262	332	-22.90	-13.00	-9.90

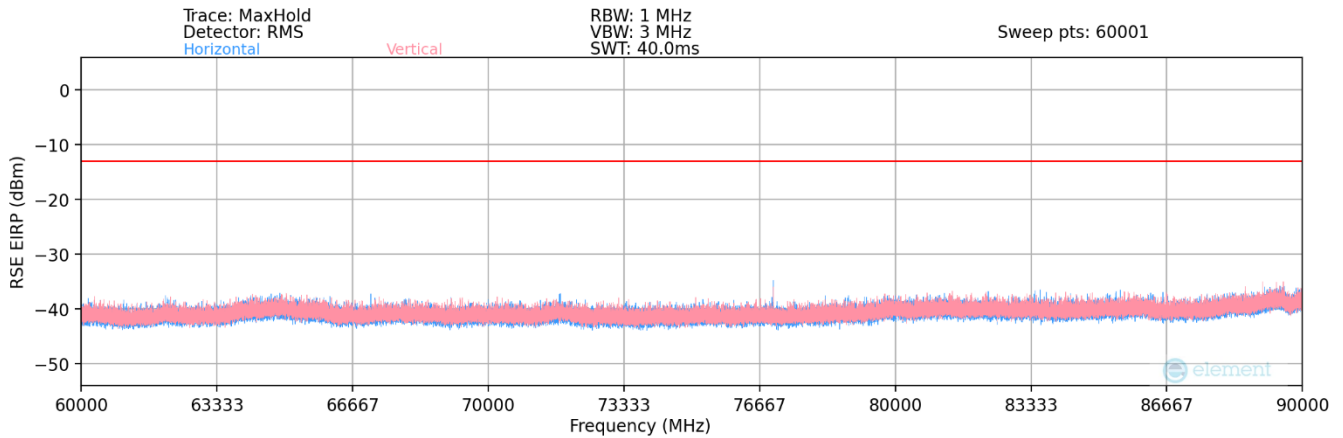
Table 7-78. Ant 2 - n260 Radiated Spurious Emissions Table (40GHz - 60GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1.5 meter.

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## 60GHz - 90GHz



Plot 7-157. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK High Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
74050.08	Low	50	2Tx	QPSK	H	329	347	-38.46	-13.00	-25.46
76999.92	Mid	50	2Tx	QPSK	H	321	349	-37.84	-13.00	-24.84
79950.00	High	50	2Tx	QPSK	H	326	349	-40.12	-13.00	-27.12

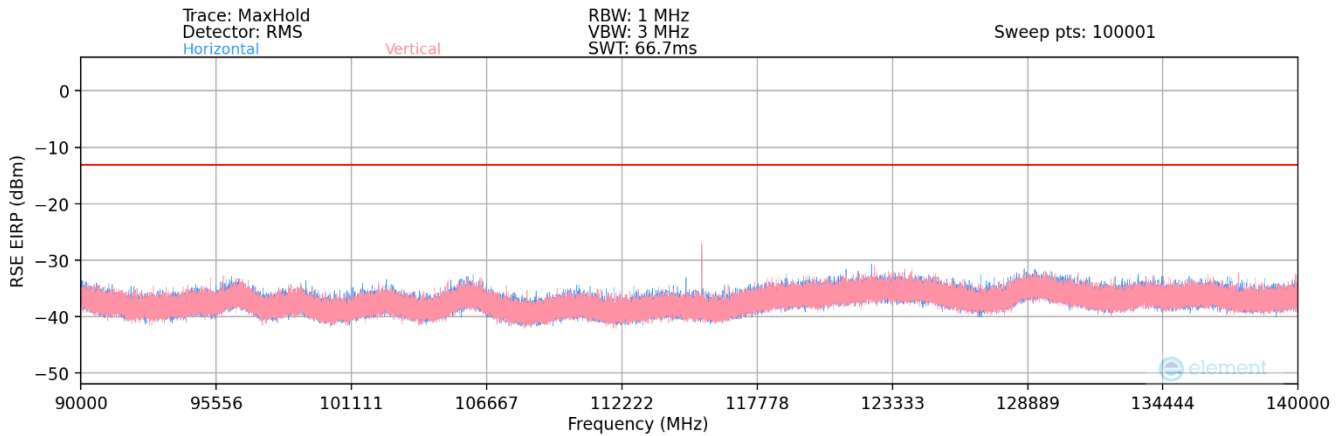
Table 7-79. Ant 2 - n260 Radiated Spurious Emissions Table (60GHz - 90GHz)

#### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 90GHz - 140GHz



Plot 7-158. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
111075.12	Low	50	2Tx	QPSK	V	332	35	-26.47	-13.00	-13.47
115499.88	Mid	50	2Tx	QPSK	V	332	35	-26.96	-13.00	-13.96
119925.00	High	50	2Tx	QPSK	V	334	26	-29.26	-13.00	-16.26

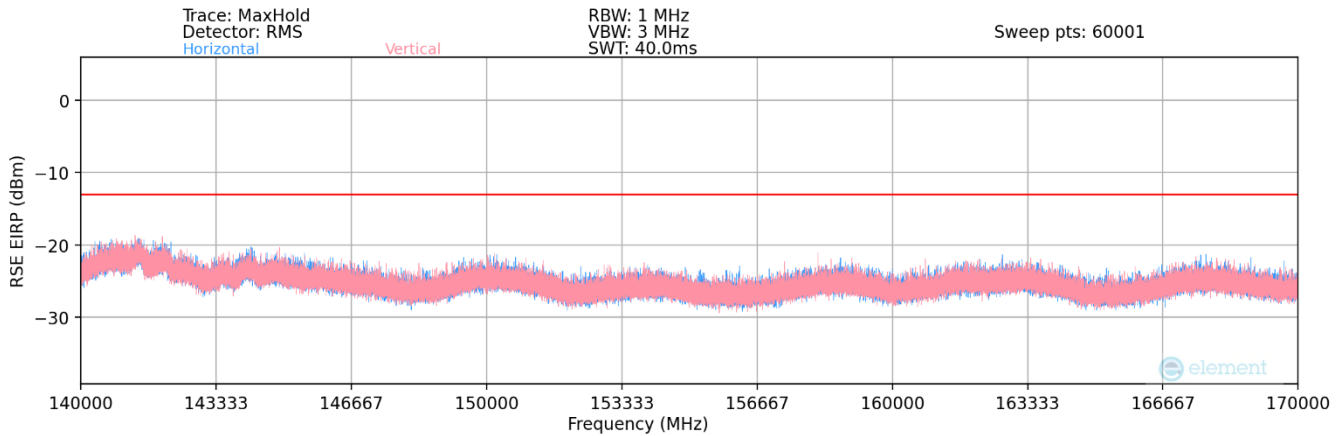
Table 7-80. Ant 2 - n260 Radiated Spurious Emissions Table (90GHz - 140GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 140GHz - 170GHz



Plot 7-159. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
148100.16	Low	50	2Tx	QPSK	V	-	-	-29.08	-13.00	-16.08
153999.84	Mid	50	2Tx	QPSK	V	-	-	-28.58	-13.00	-15.58
159900.00	High	50	2Tx	QPSK	V	-	-	-29.15	-13.00	-16.15

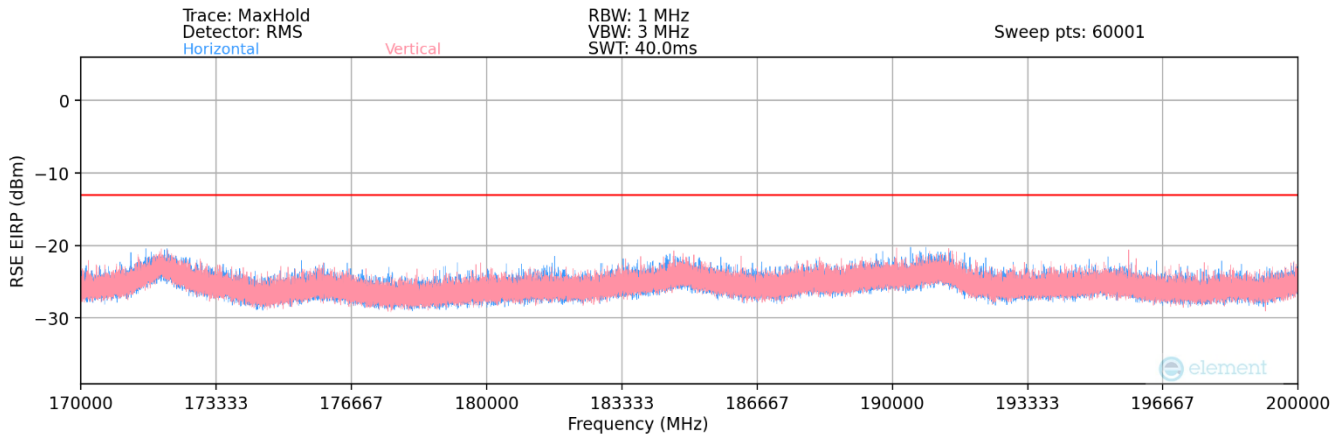
Table 7-81. Ant 2 - n260 Radiated Spurious Emissions Table (140GHz - 170GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 170GHz - 200GHz



Plot 7-160. Ant 2 - n260 Radiated Spurious Plot (1CC QPSK Mid Channel 2Tx – NR-DC Anchor Band 41)

### Spurious Emissions EIRP Sample Calculation (n260)

The raw radiated spurious level is converted to field strength in dBuV/m. Then, the RSE EIRP level is calculated by applying the additional factors shown below for a test distance of 1 meter.

$$\text{RSE EIRP (dBm)} = \text{Analyzer Level (dBm)} + 107 + \text{AFCL (dB/m)} + 20\text{Log(Dm)} - 104.8 + \text{Harmonic Mixer Conversion Loss [dB]}$$

Frequency [MHz]	Channel	Bandwidth (MHz)	EUT Beam Pol.	Modulation	Antenna Polarization [H/V]	Positioner Roll [degrees]	Turntable Azimuth [degrees]	Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
185125.20	Low	50	2Tx	QPSK	V	-	-	-29.64	-13.00	-16.64
192499.80	Mid	50	2Tx	QPSK	V	-	-	-30.87	-13.00	-17.87
199875.00	High	50	2Tx	QPSK	V	-	-	-30.13	-13.00	-17.13

Table 7-82. Ant 2 - n260 Radiated Spurious Emissions Table (170GHz - 200GHz)

### Notes

The RSE EIRP level is taken directly from the spectrum analyzer which includes the appropriate antenna factors, cable losses, and harmonic mixer conversion losses. Measurements were performed at a distance of 1 meter.

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## 7.5 Band Edge Emissions

§2.1051, §30.203

### Test Overview

All out of band emissions are measured in a radiated setup while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All modulations were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

***The minimum permissible attenuation level of any spurious emission is -13dBm/1MHz. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be -5 dBm/MHz or lower.***

### Test Procedure Used

ANSI C63.26-2015 Section 5 and ANSI C63.26-2015 Section 6.4  
KDB 842590 D01 v01r02 Section 4.4.2.4

### Test Settings

1. Start and stop frequency were set such that both upper and lower band edges are measured.
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW = 1MHz
4. VBW  $\geq$  3 x RBW
5. Detector = RMS
6. Number of sweep points  $\geq$  2 x Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. The trace was allowed to stabilize

### Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.
- 2) Band Edge emissions were measured at a 1 meter distance.
- 3) The spectrum analyzer for each measurement shows an offset value that was determined using the measurement antenna factor, cable loss, far field measurement distance. A sample calculation is shown on the following page.
- 4) This device supports transmission of H-polarized and V-polarized beams from the antenna array in both CP-OFDM and DFT-s-OFDM transmission schemes. SISO and MIMO operation is also supported for some configurations. As part of the testing, all modes were fully investigated and only the worst case has been included in this report.

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- 5) All combinations of 1CC, 2CC, 3CC, and 4CC were fully investigated, and only the worst case has been included in this report.
- 6) All 2CC, 3CC, and 4CC cases were investigated with PCC prioritization feature, which has the higher power PCC at the band edge for the worst case.
- 7) Unless otherwise specified, the radiated band edge plots in this section display the worst case EIRP measurements for the indicated bandwidth–component carrier configuration.
- 8) The plots in this section that display Total Radiated Power (TRP) were obtained from measurements that were performed in accordance with the guidance of Section 4.4.2.4 of KDB 842590 D01 for the Spherical Method.

**Sample Analyzer Offset Calculation (at 27.5GHz)**

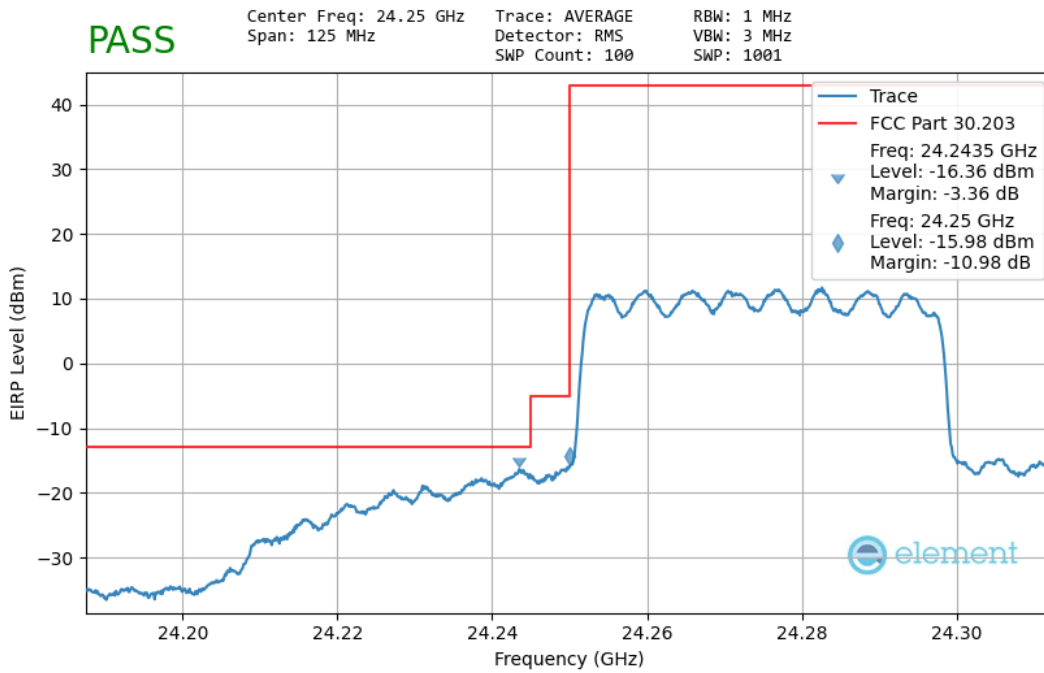
Measurement Antenna Factor = 46.85dB/m

Cable Loss = 9.18dB

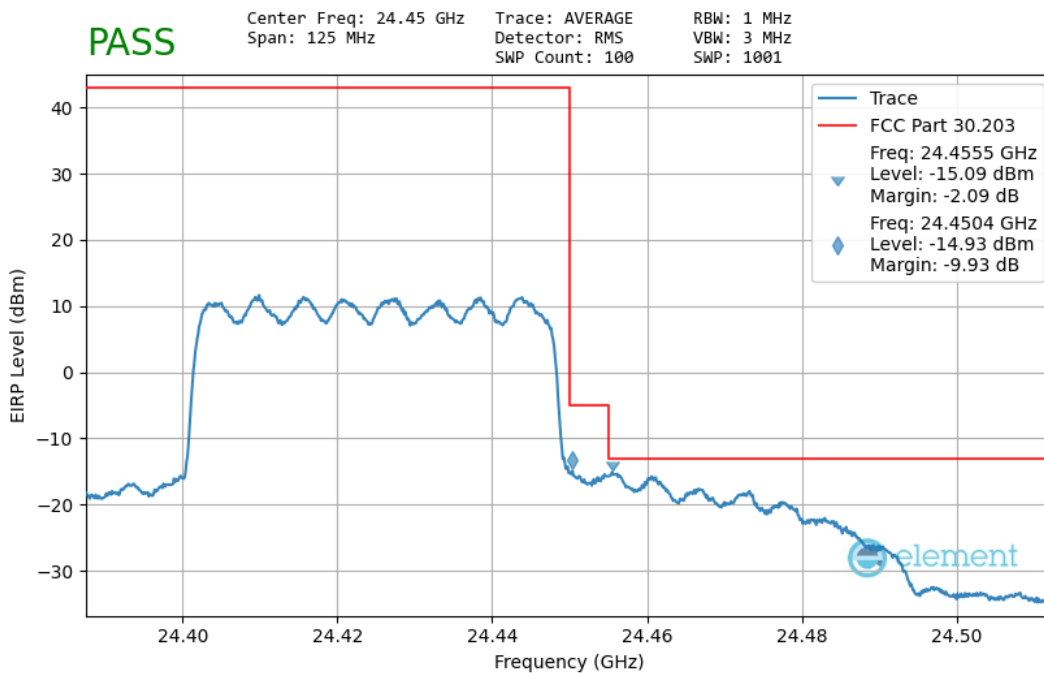
$$\begin{aligned}
 \text{Analyzer Offset (dB)} &= \text{AF (dB/m)} + \text{CL (dB)} + 107 + 20\log_{10}(D) - 104.8\text{dB, where } D = 1\text{m} \\
 &= 46.85\text{dB/m} + 9.18\text{dB} + 107 + 20\log_{10}(1\text{m}) - 104.8\text{dB} \\
 &= 58.23\text{dB}
 \end{aligned}$$

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## Band n258-R1 – Worst-Case



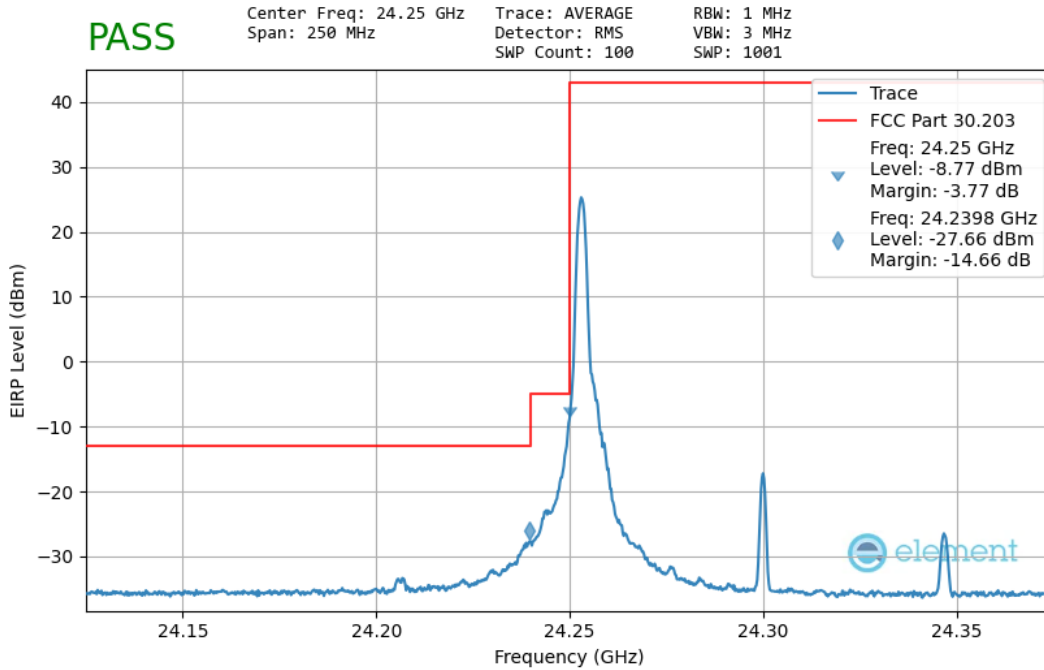
**Plot 7-161. Ant 1 Lower Band Edge (50MHz-1CC – QPSK Full RB)**



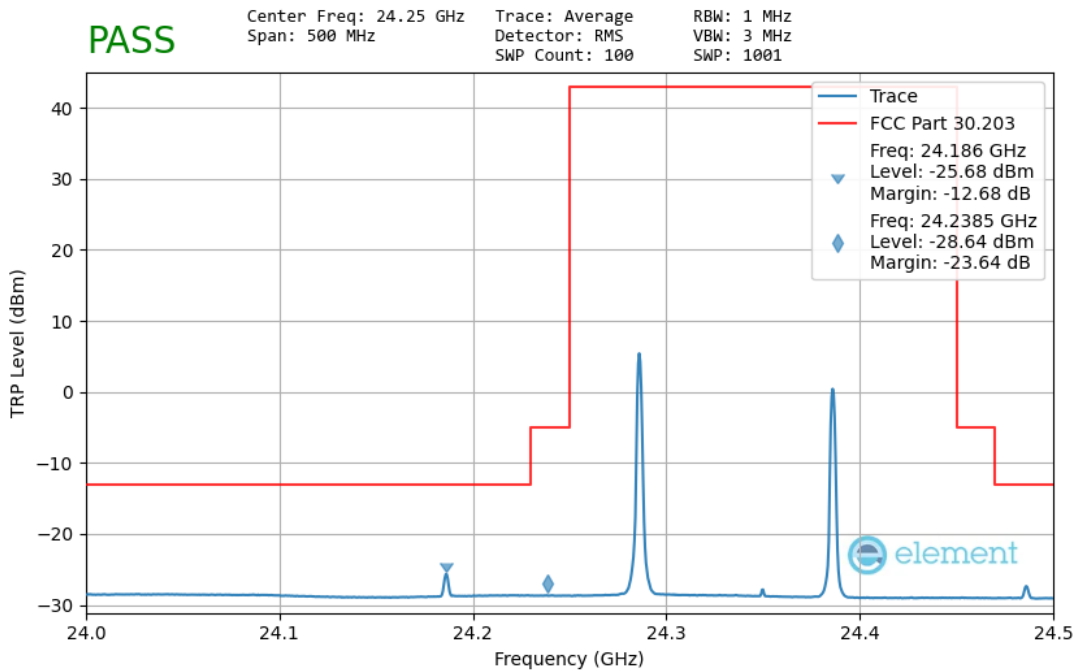
**Plot 7-162. Ant 1 Upper Band Edge (50MHz-1CC – QPSK Full RB)**

FCC ID: A3LSMS916U	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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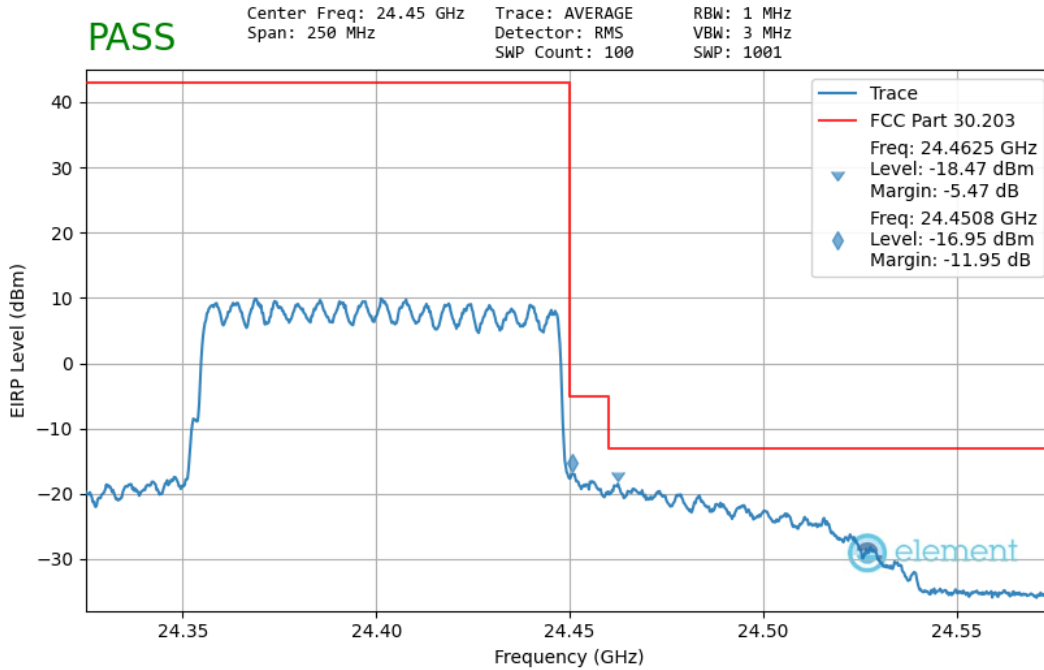


**Plot 7-163. Ant 1 Lower Band Edge (100MHz-1CC – pi/2-BPSK 1 RB)**

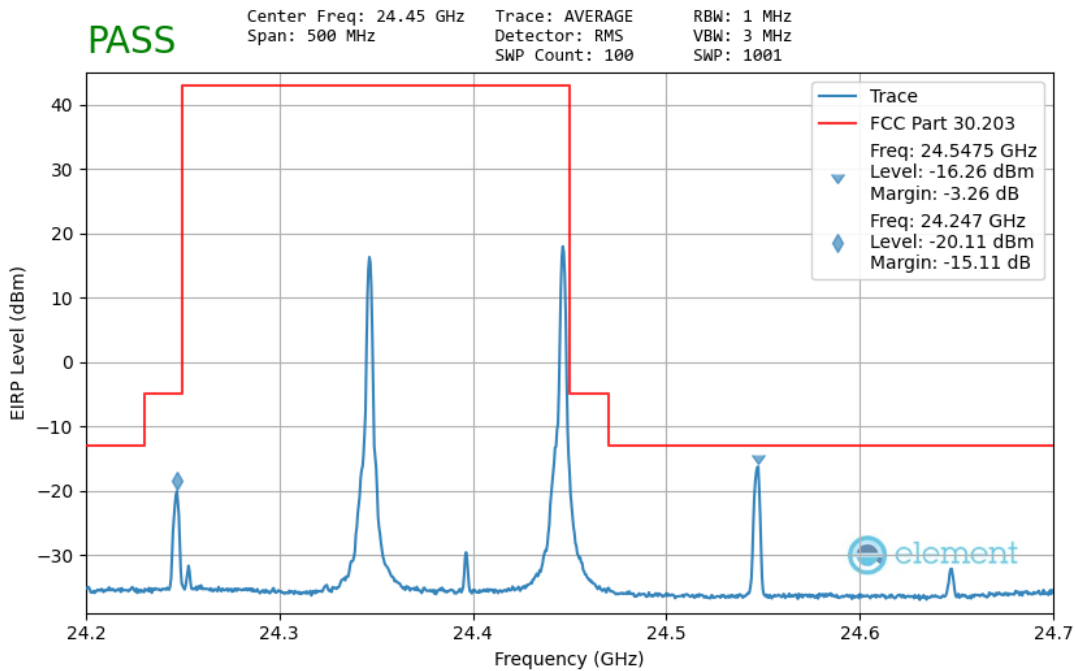


**Plot 7-164. Ant 1 Lower Band Edge - TRP (100MHz-2CC – QPSK 1 RB)**

FCC ID: A3LSMS916U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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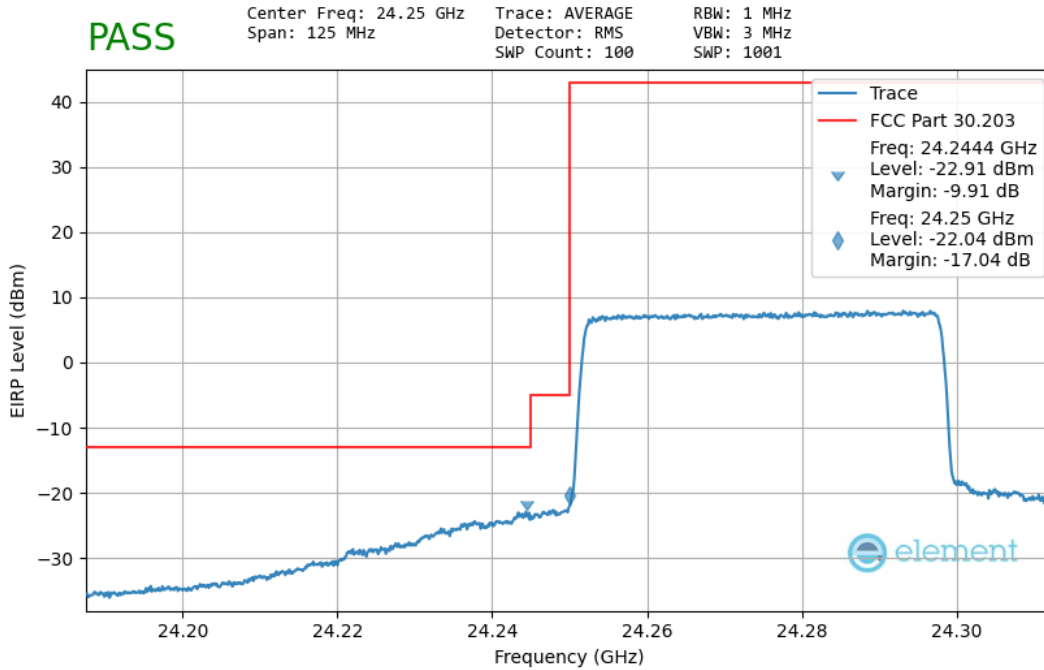


**Plot 7-165. Ant 1 Upper Band Edge (100MHz-1CC – QPSK Full RB)**

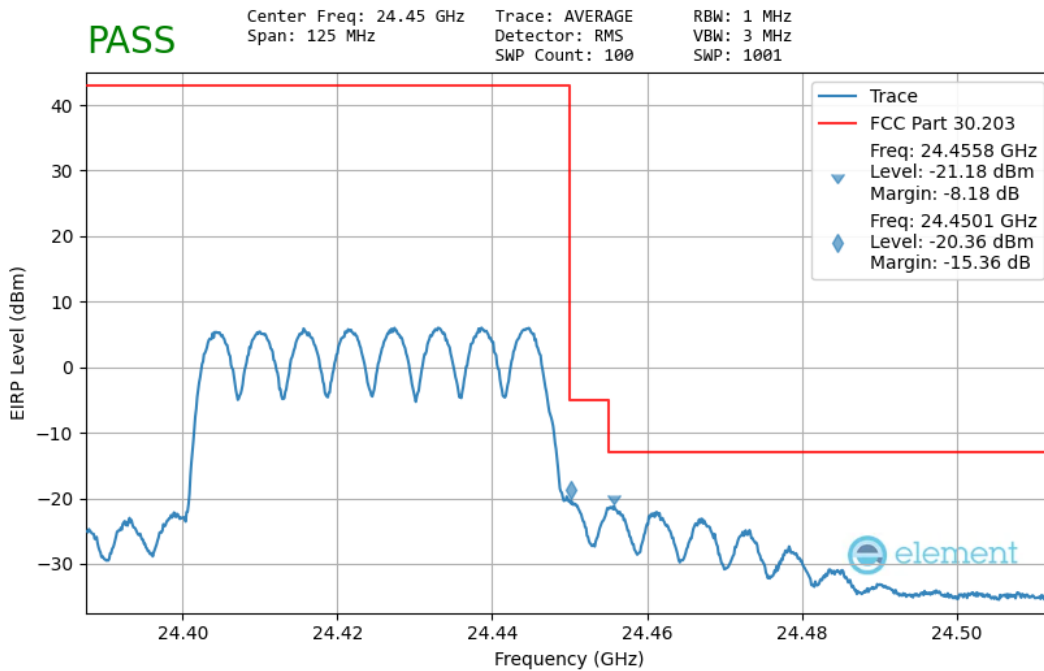


**Plot 7-166. Ant 1 Upper Band Edge (100MHz-2CC – QPSK 1 RB)**

FCC ID: A3LSMS916U	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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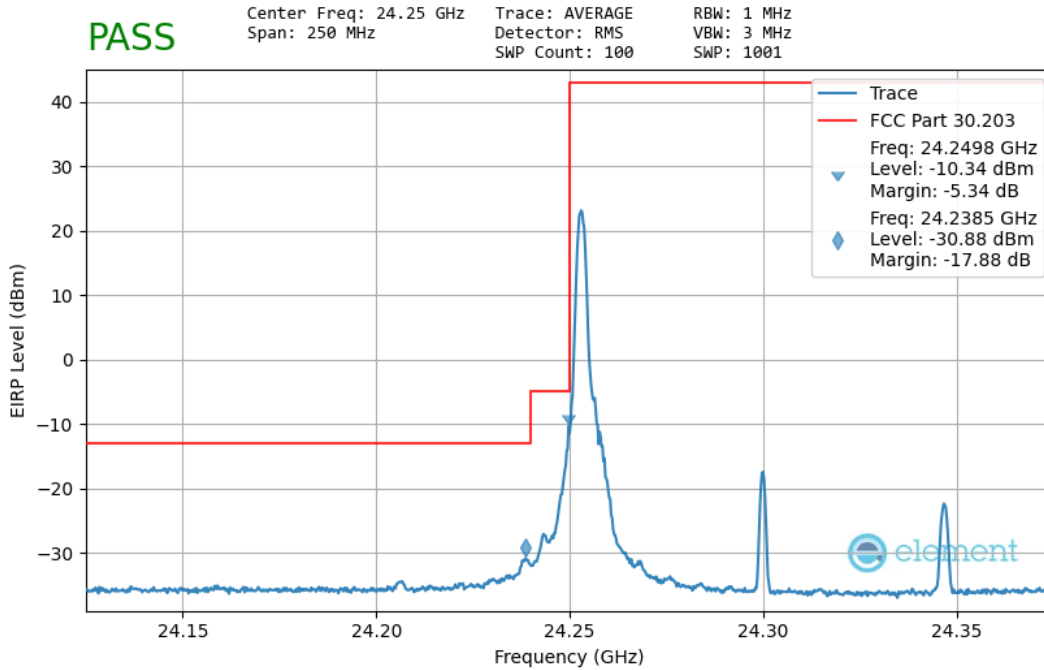


**Plot 7-167. Ant 2 Lower Band Edge (50MHz-1CC – QPSK Full RB)**

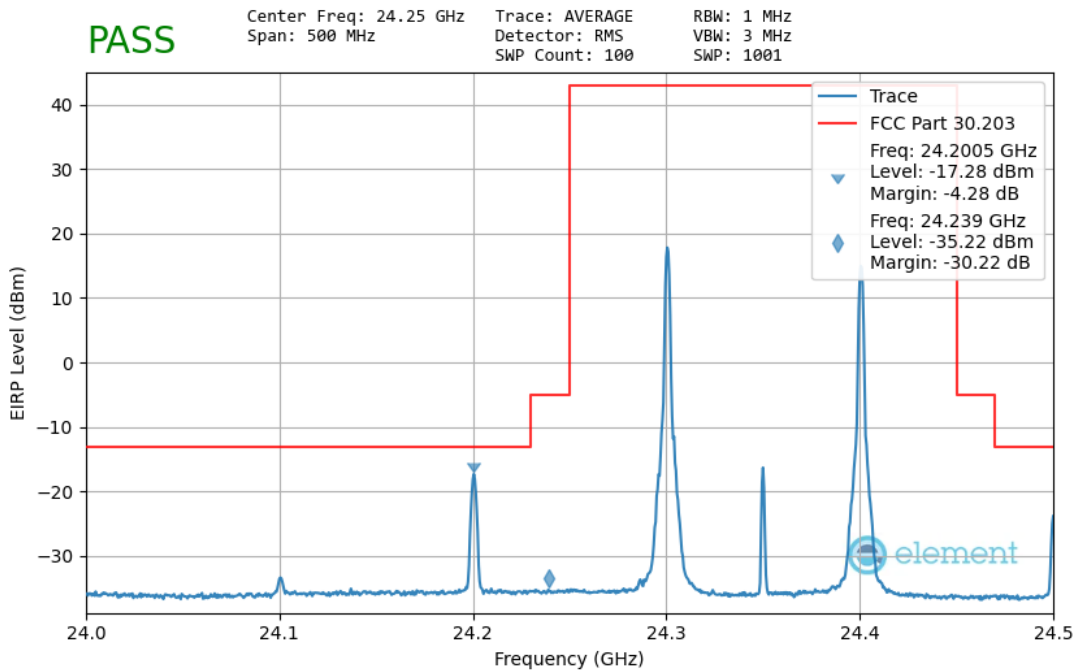


**Plot 7-168. Ant 2 Upper Band Edge (50MHz-1CC – QPSK Full RB)**

FCC ID: A3LSMS916U		<b>MEASUREMENT REPORT (CERTIFICATION)</b>		Approved by: Technical Manager
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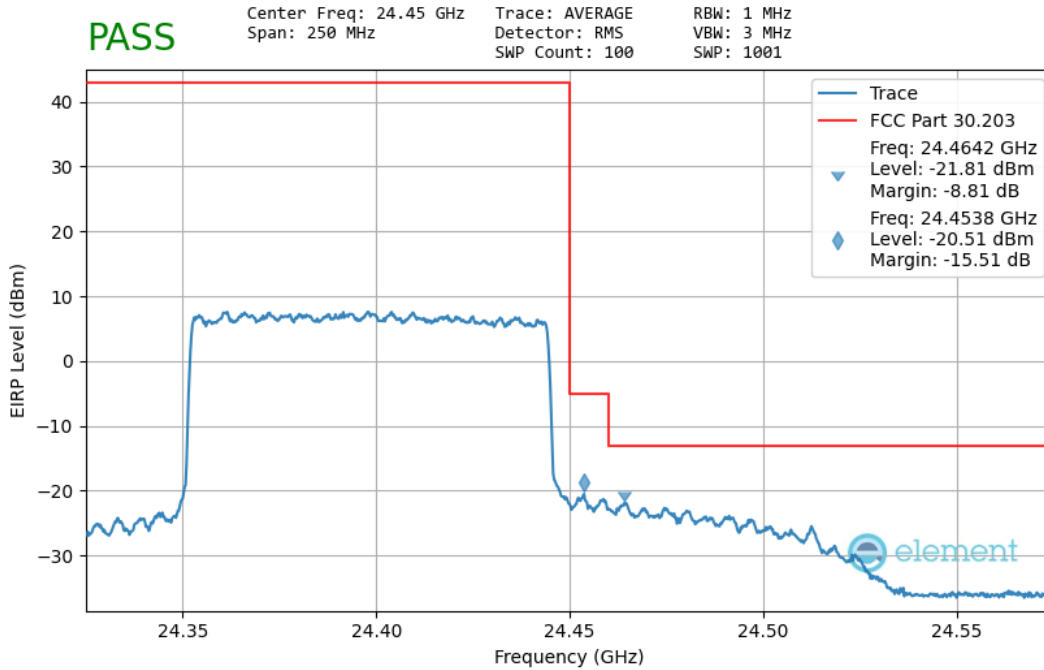


**Plot 7-169. Ant 2 Lower Band Edge (100MHz-1CC – QPSK 1 RB)**

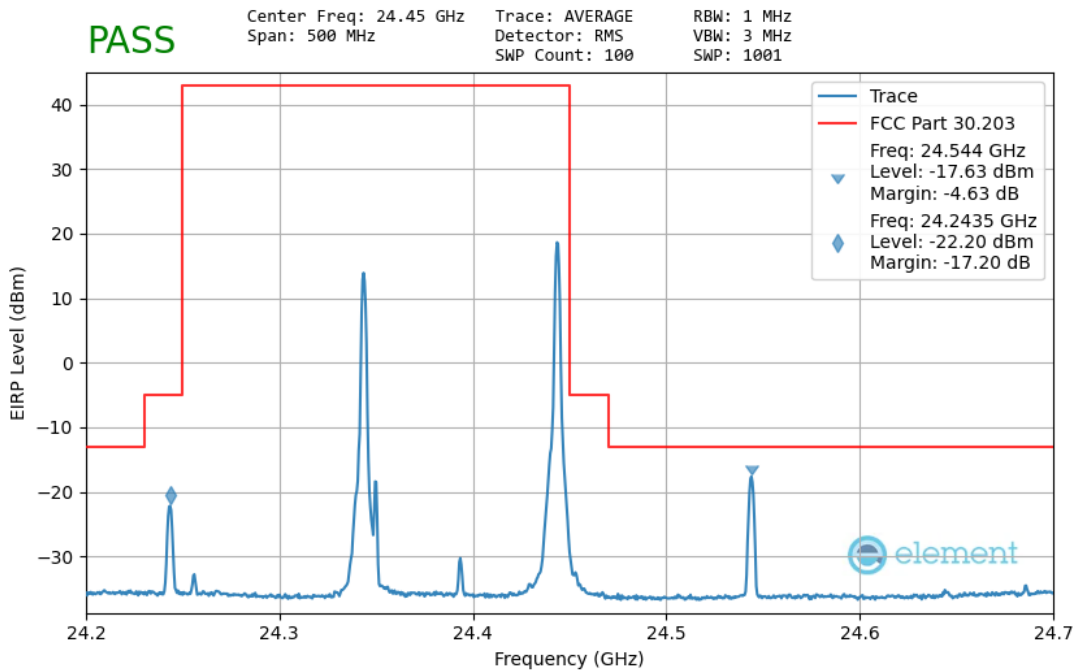


**Plot 7-170. Ant 2 Lower Band Edge (100MHz-2CC – QPSK 1 RB)**

<b>FCC ID:</b> A3LSMS916U	<b>MEASUREMENT REPORT (CERTIFICATION)</b>		<b>Approved by:</b> Technical Manager
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**Plot 7-171. Ant 2 Upper Band Edge (100MHz-1CC – QPSK Full RB)**



**Plot 7-172. Ant 2 Upper Band Edge (100MHz-2CC – QPSK 1 RB)**

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