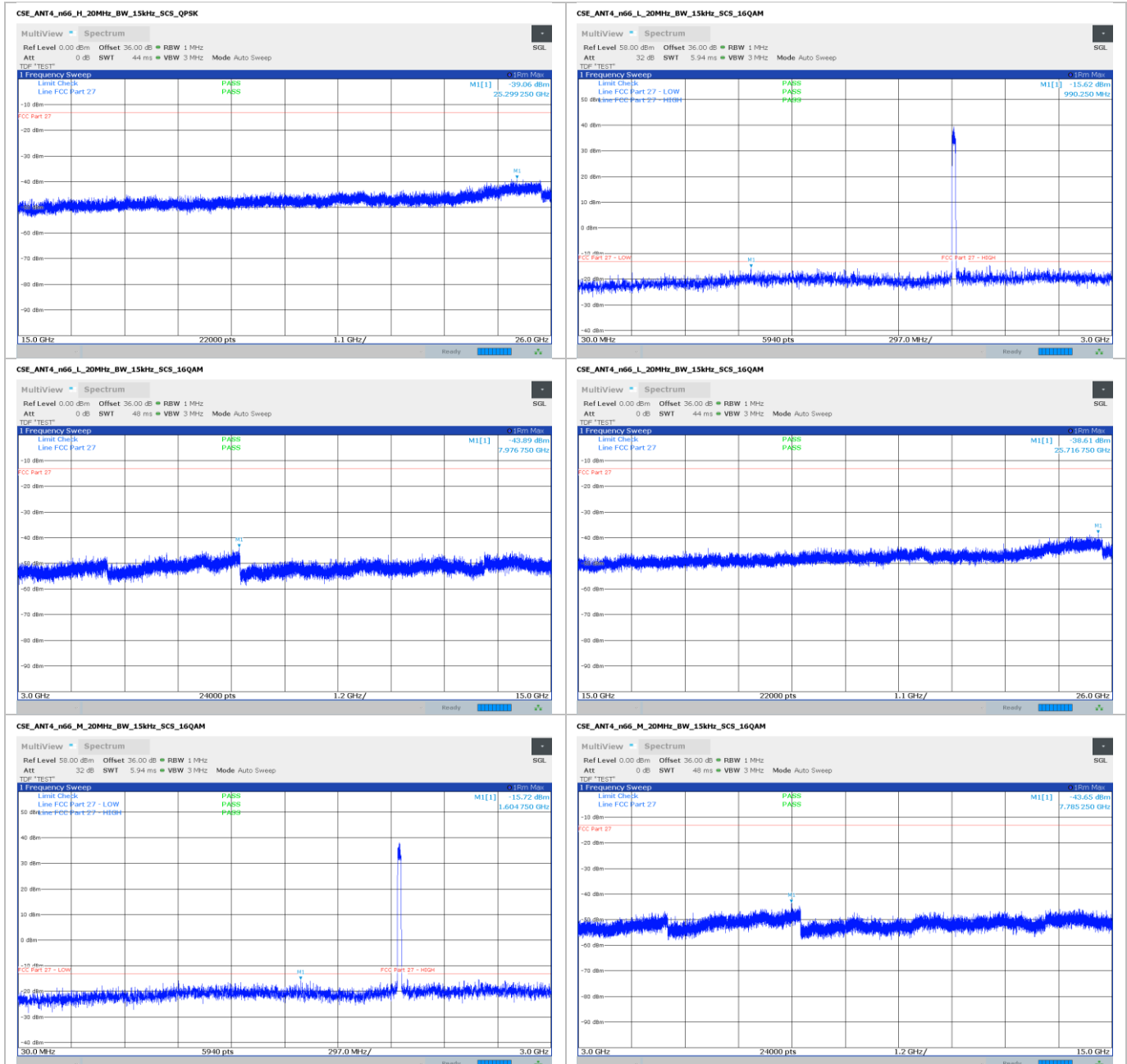


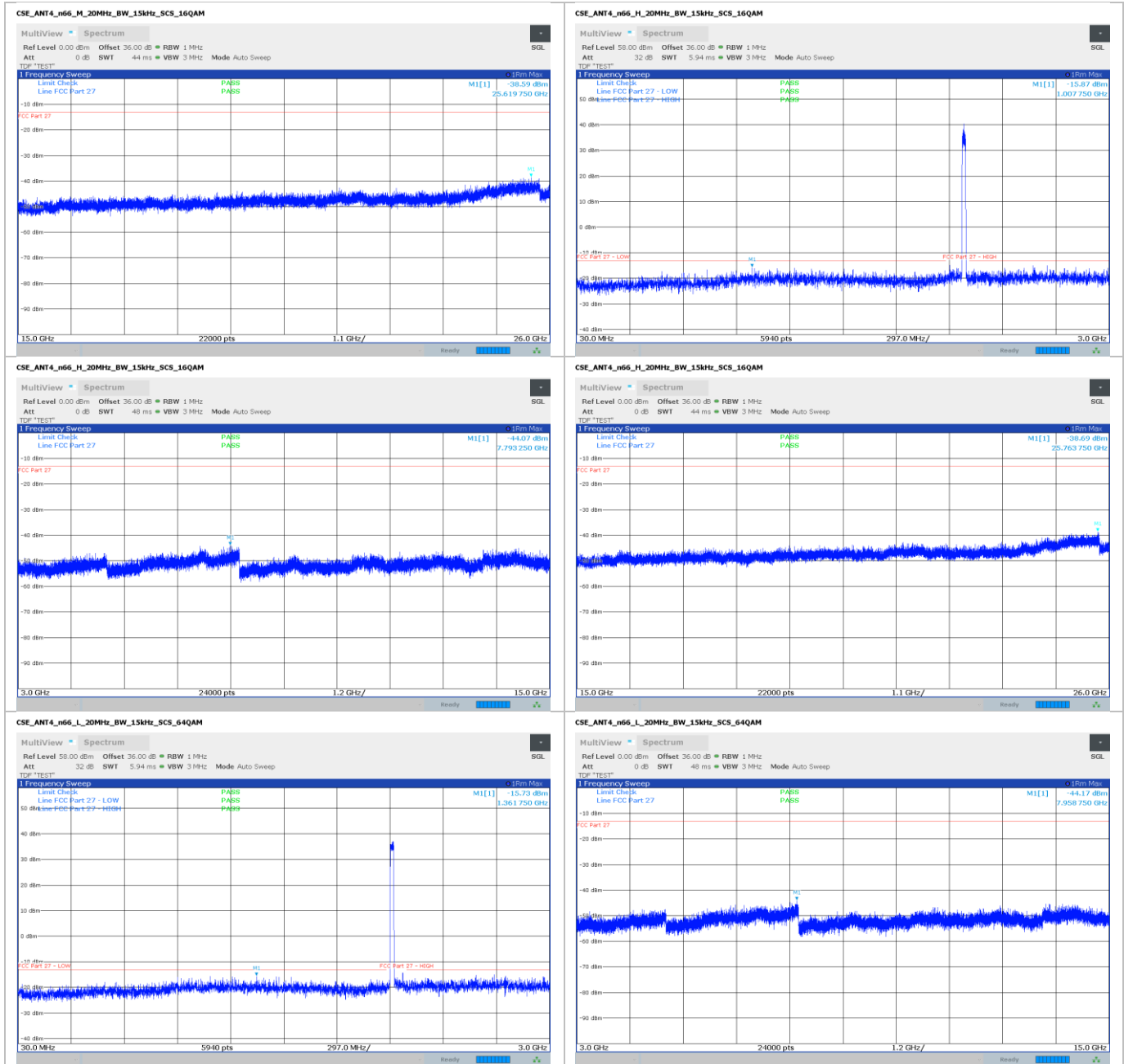
Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



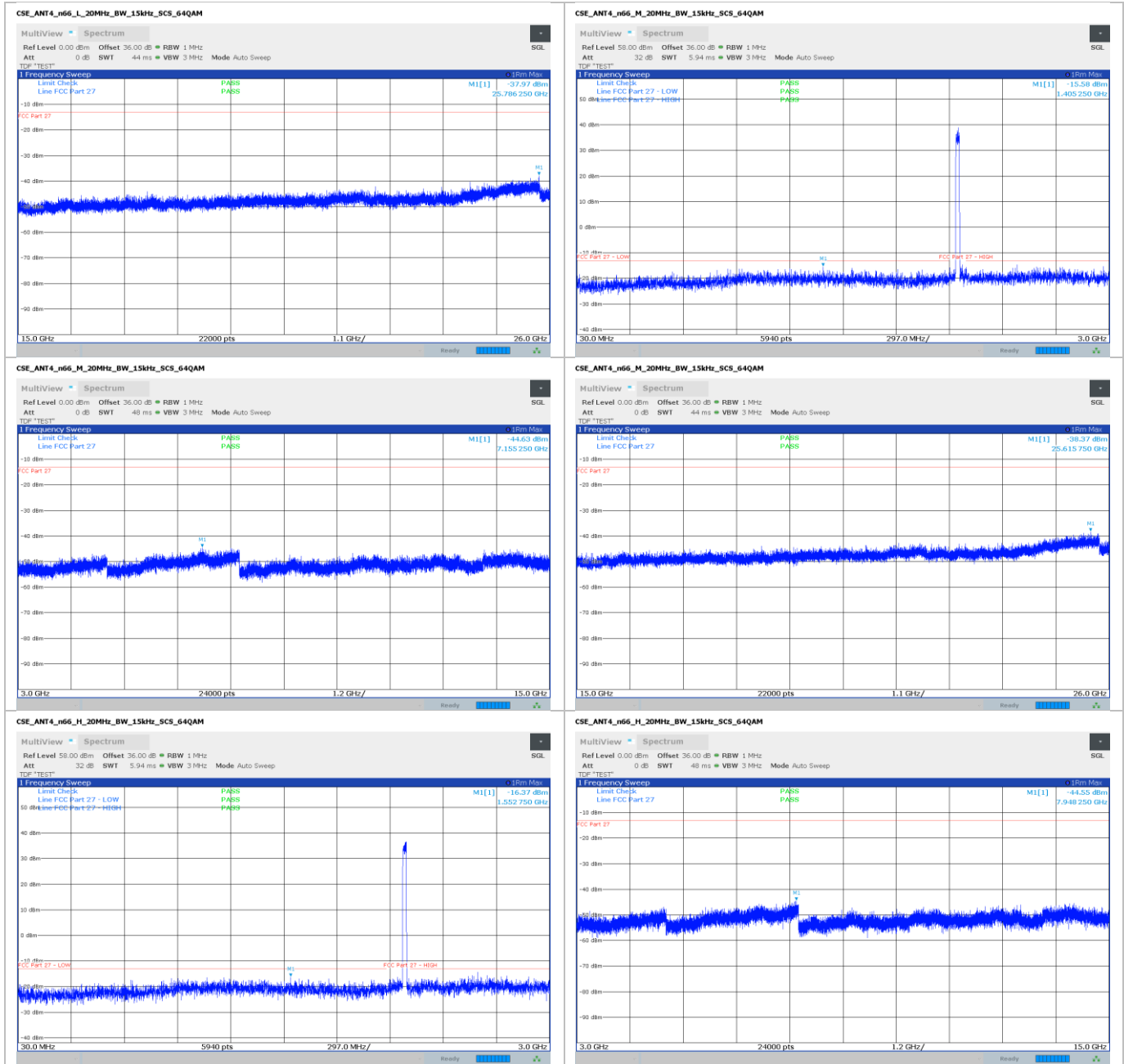
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Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



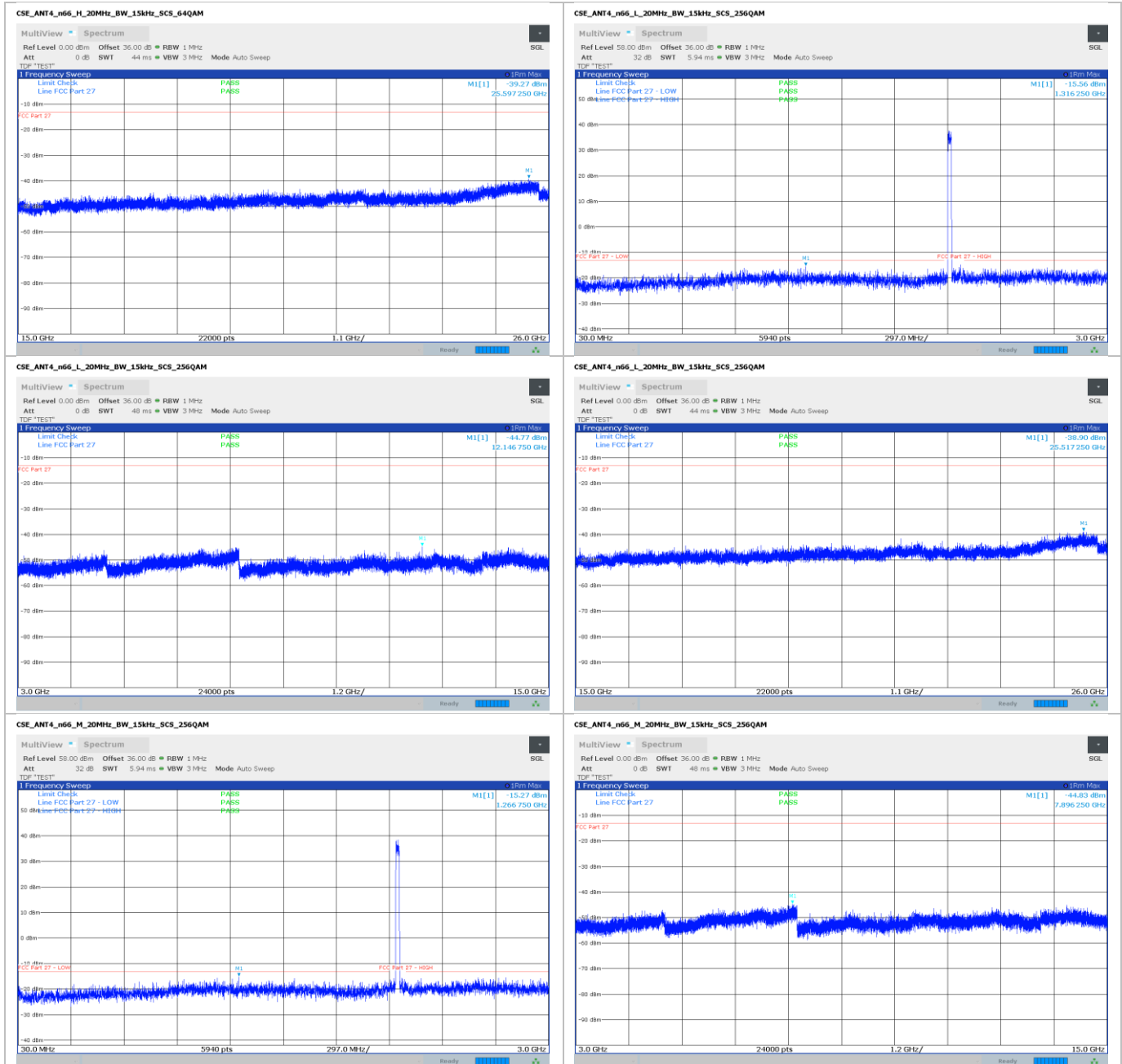
Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



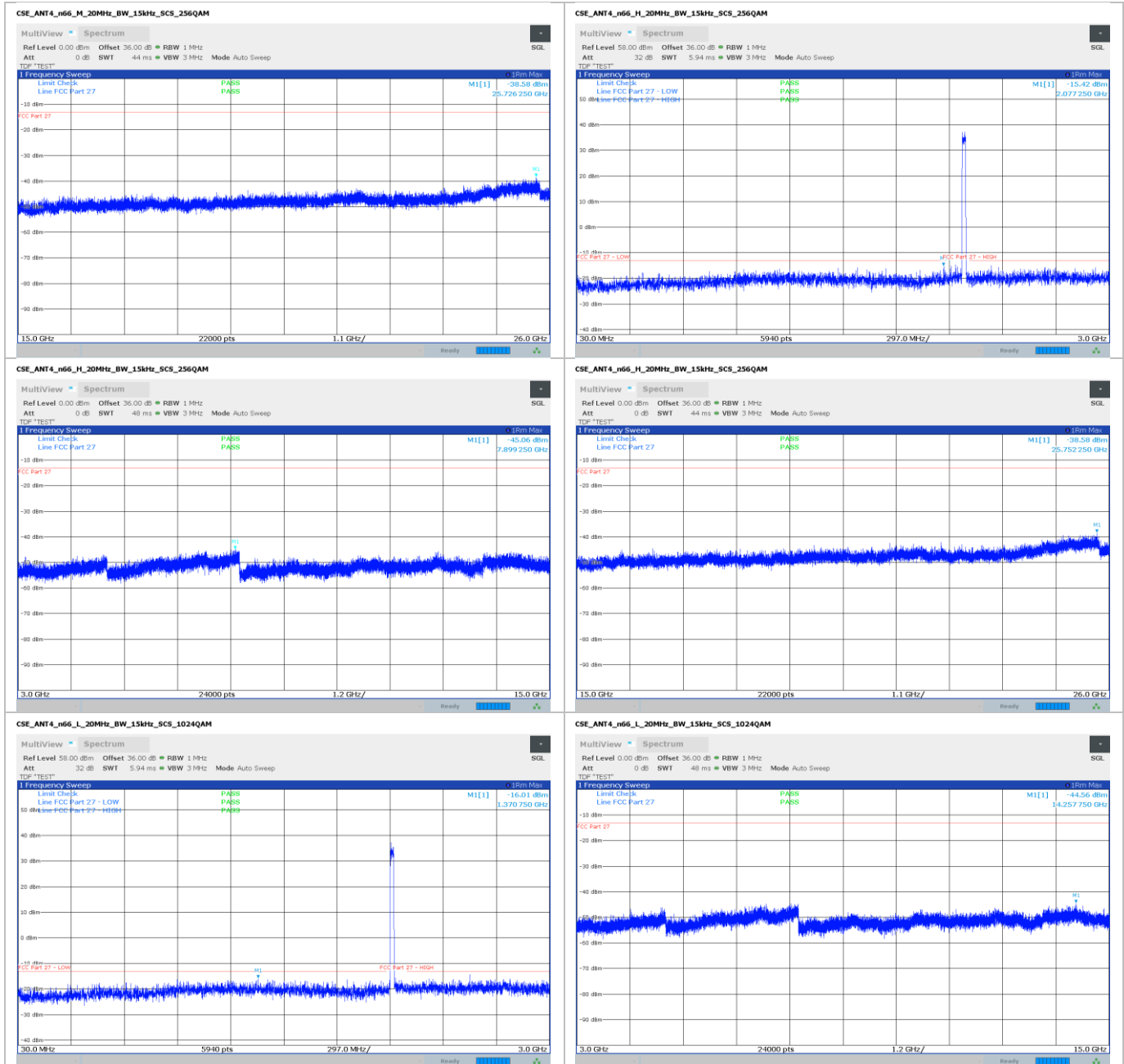
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Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



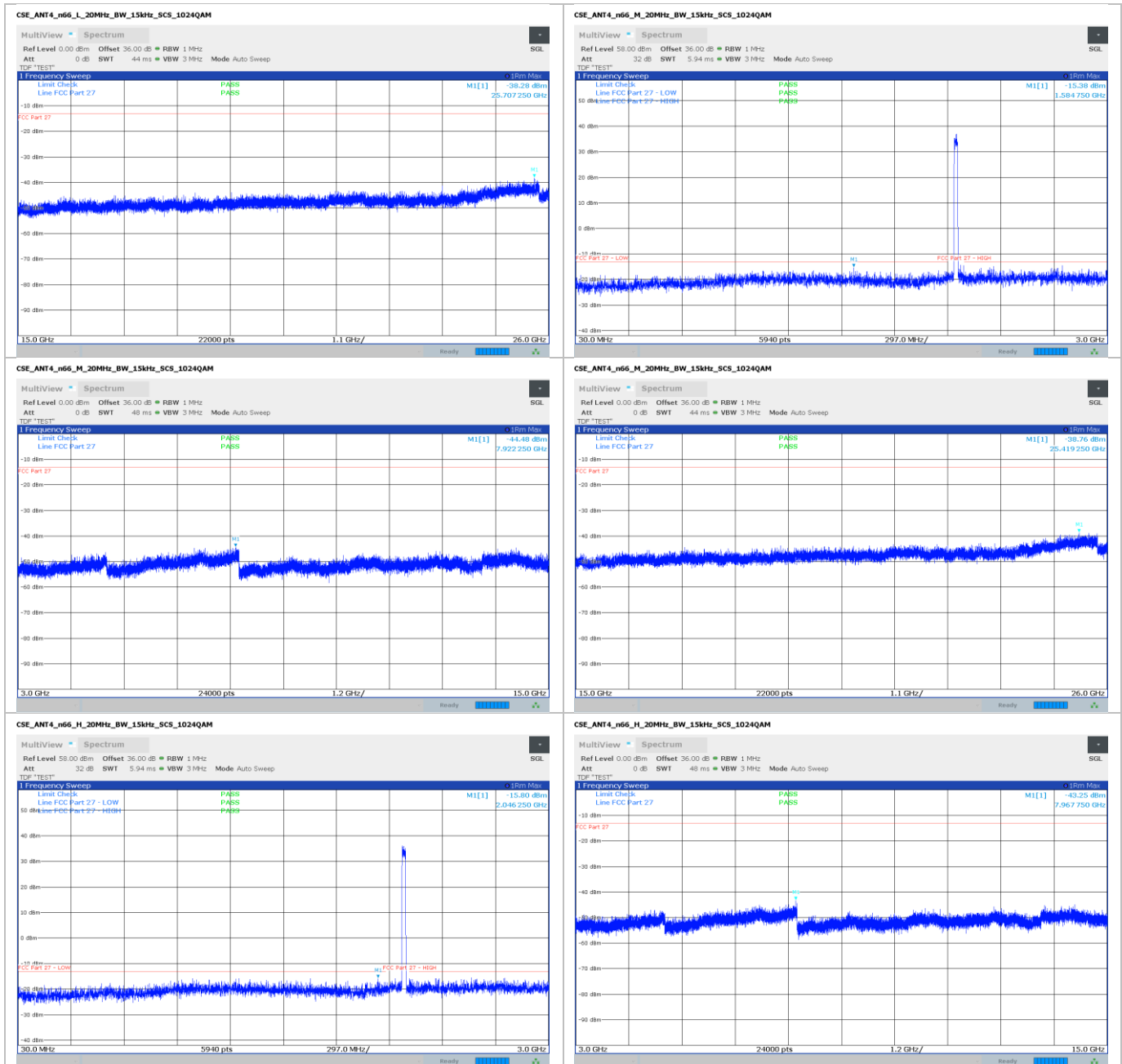
Section 8  
Test name  
Specification

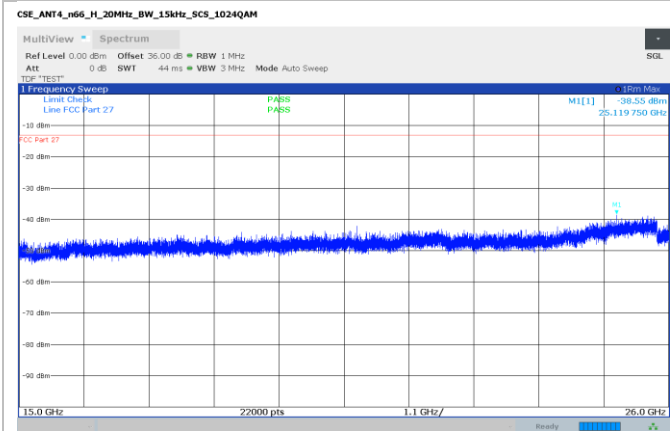
Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



Section 8  
Test name  
Specification

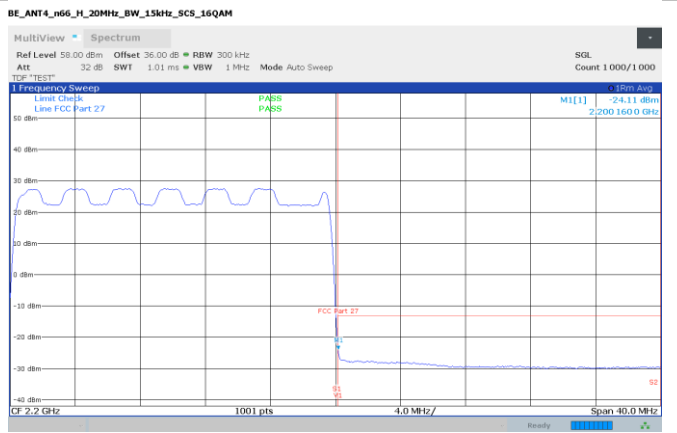
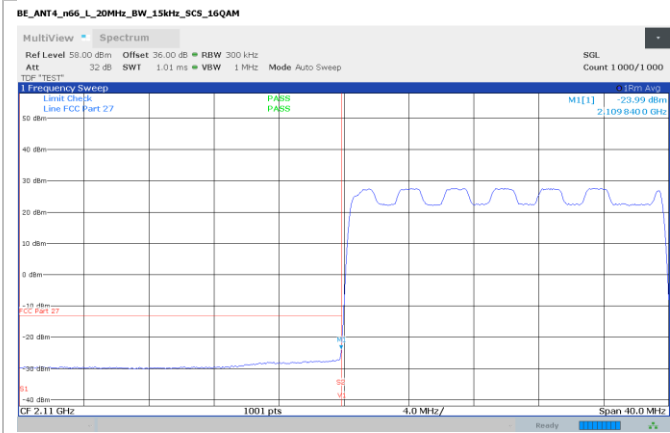
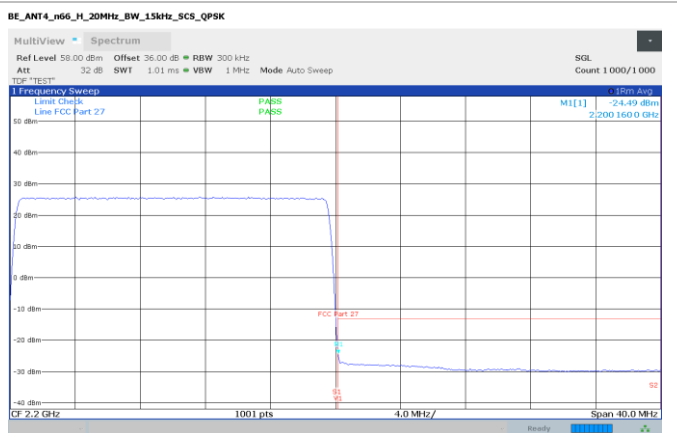
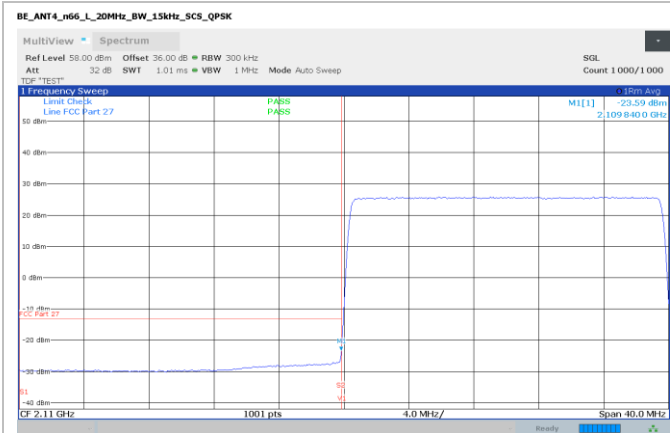
Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27





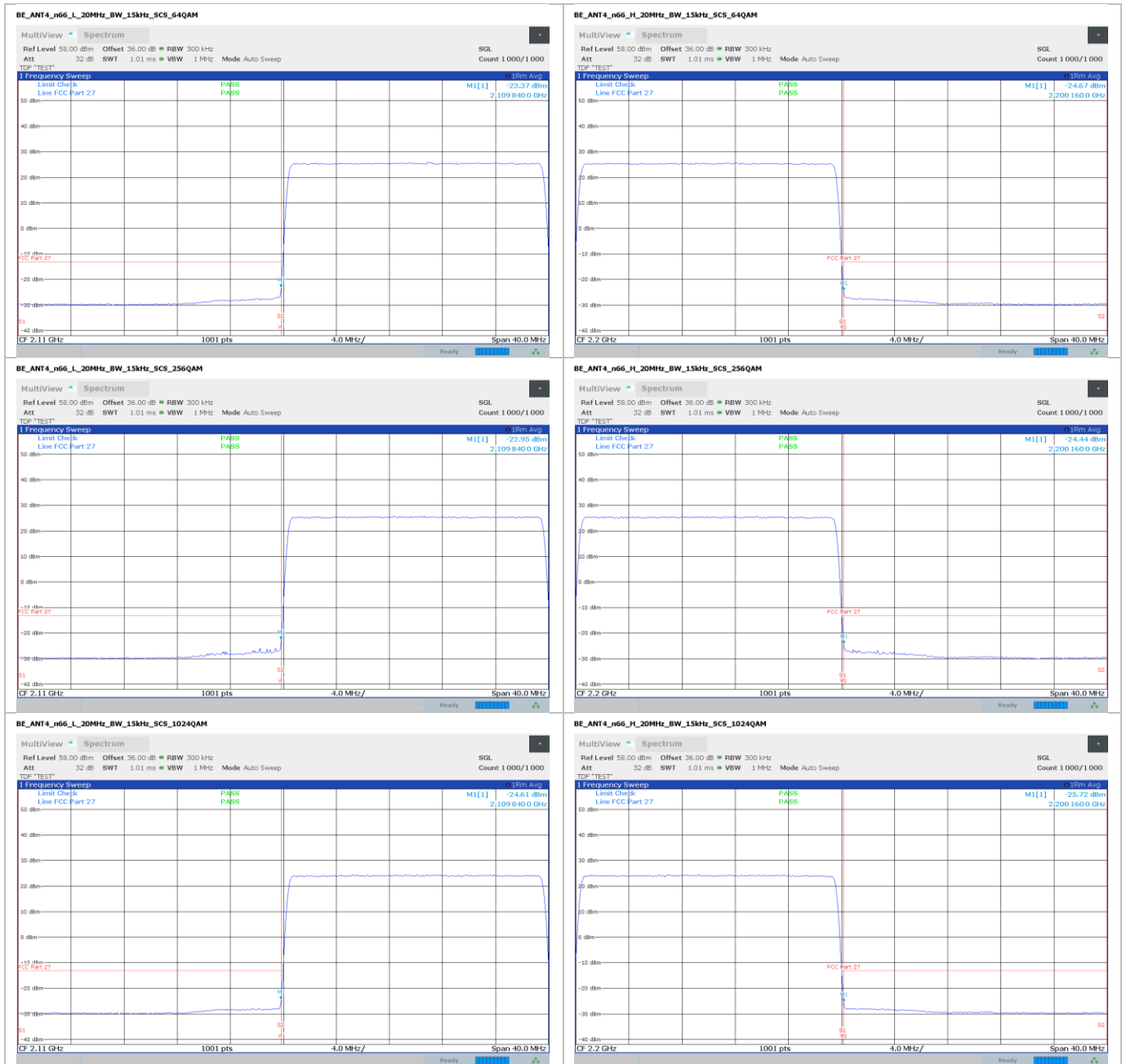
Band n66 – band edge

20 MHz



**Section 8**  
**Test name**  
**Specification**

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



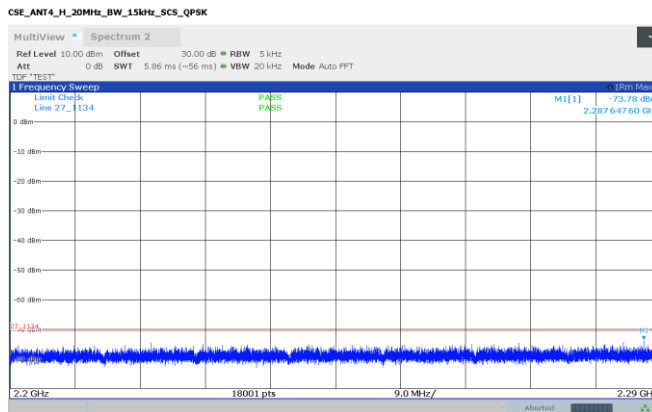


Band n66 –spurious emissions

Additional requirements

- Part 27.53(h)(2)(i) Operations in the 2180-2200 MHz band are subject to the out-of-band emission requirements set forth in § 27.1134 for the protection of federal government operations operating in the 2200-2290 MHz band.
- Part 27.1134(e) Protection of Federal operations in the 2200-2290 MHz band -
- (1) Default emission limits. Except as provided in paragraph (e)(2) of this section, the following default out-of-band emissions limits shall apply for AWS-4 operations in the 2180-2200 MHz band.
    - (i) For these AWS-4 operations, the power of any emissions on all frequencies between 2200 and 2290 MHz shall not exceed an EIRP of  $-100.6$  dBW/4 kHz.

The EUT was evaluated against the Part 27.1134 requirements when operating on high channel (which is within the 27.1134 band 2180 – 2200 MHz). All supported channel bandwidths and modulation types were evaluated. Only noise floor was observed with no emissions attributable to the EUT in the 2200 – 2290 MHz band. The worst case plot showing just noise floor is below. The limit from 27.1134(e)(1) of  $-100.6$  dBW/4 kHz has been converted to dBm / 4 kHz ( $-70.6$  dBm/4 kHz). A resolution bandwidth of 5 kHz was used as this was the closest available to 4 kHz.



Band n66 – radiated spurious emissions

5 MHz, MID channel, 16 QAM

Full Spectrum

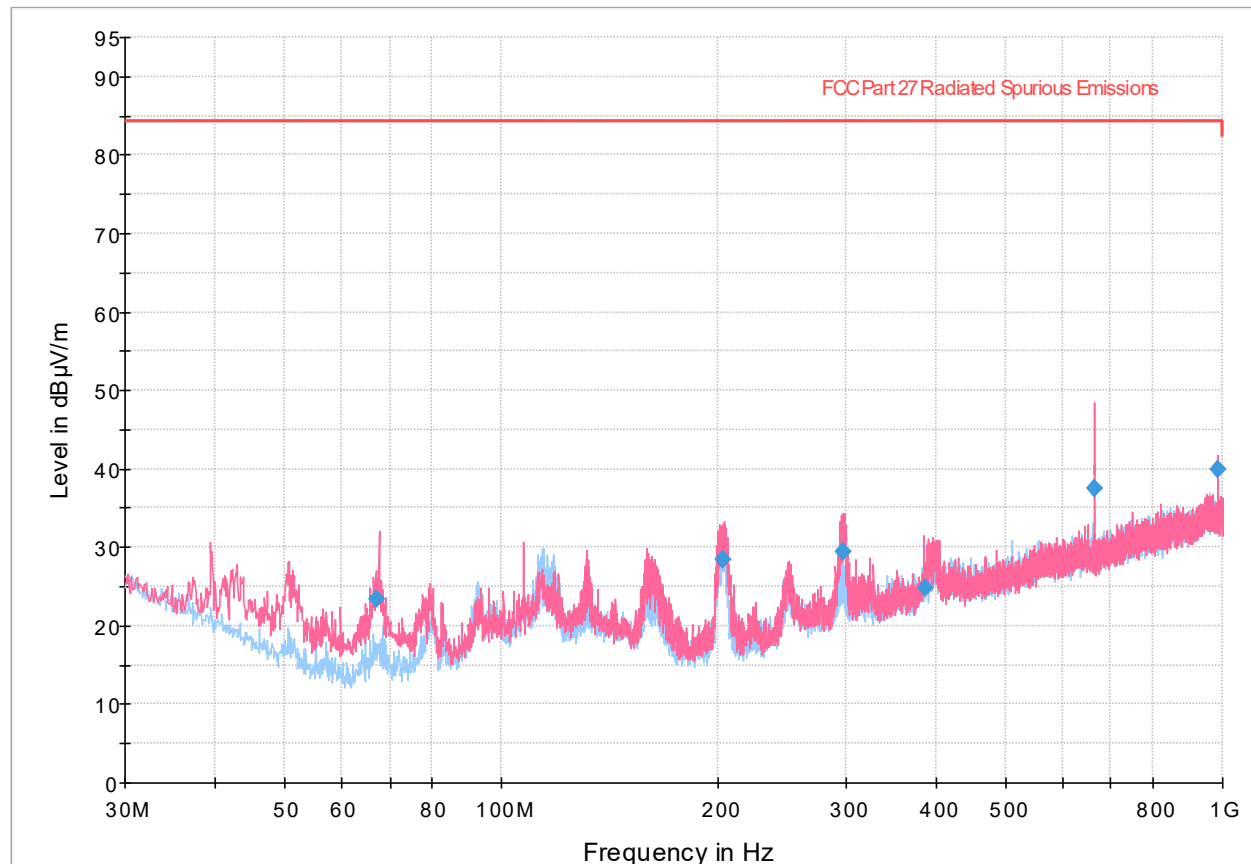


Figure 8.6-1: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.6-1: Radiated emissions results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
67.139000	23.34	84.38	61.04	5000.0	120.000	100.0	V	0.0	13.4
202.733000	28.53	84.38	55.85	5000.0	120.000	130.0	V	160.0	17.9
297.975000	29.41	84.38	54.97	5000.0	120.000	100.0	V	109.0	22.0
385.957000	24.75	84.38	59.63	5000.0	120.000	109.0	V	340.0	24.7
665.093000	37.47	84.38	46.91	5000.0	120.000	129.0	V	11.0	29.9
983.002000	39.95	84.38	44.43	5000.0	120.000	159.0	V	198.0	34.6

Notes:

<sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

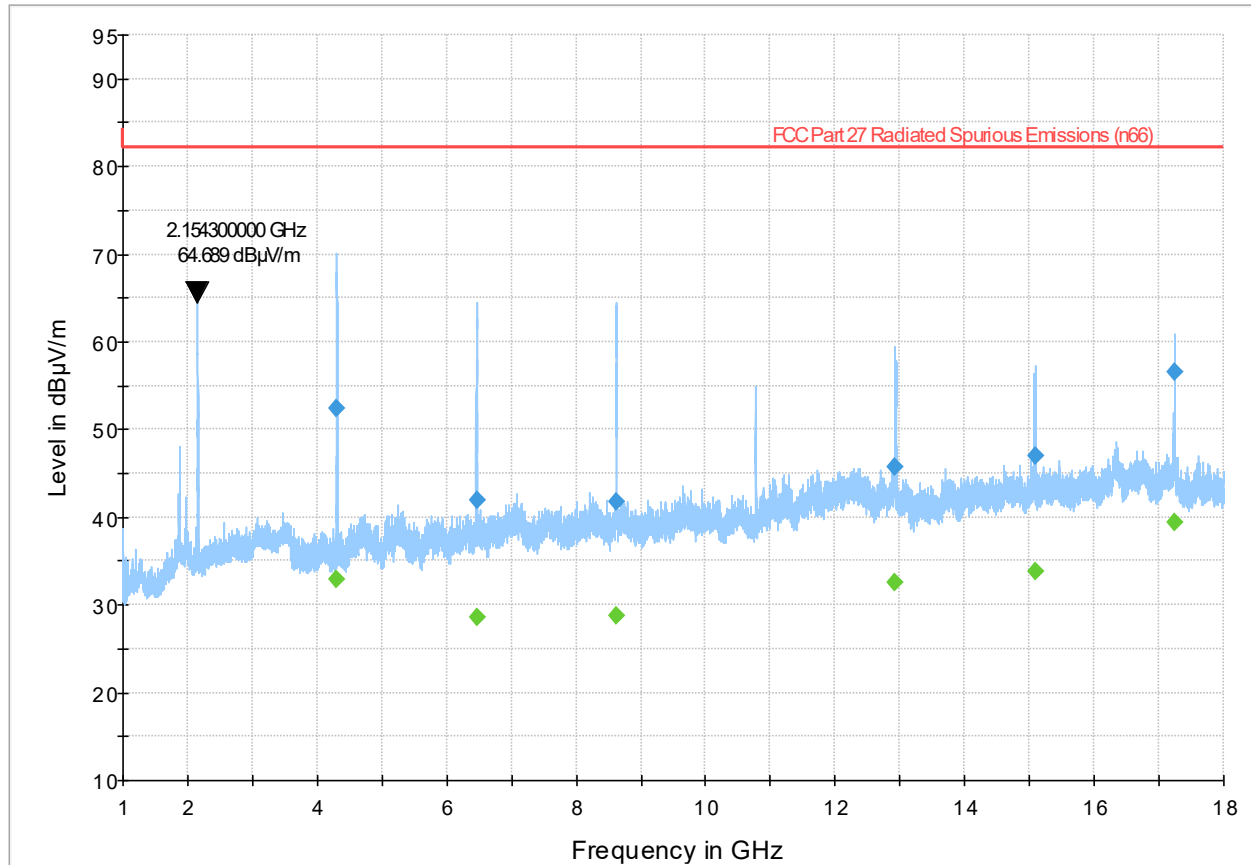


Figure 8.6-2: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.6-2: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4307.166667	---	32.93	---	---	5000.0	1000.000	125.0	V	190.0	-3.5
4307.166667	52.33	---	82.23	29.90	5000.0	1000.000	125.0	V	190.0	-3.5
6471.200000	---	28.51	---	---	5000.0	1000.000	256.0	V	188.0	0.3
6471.200000	41.97	---	82.23	40.26	5000.0	1000.000	256.0	V	188.0	0.3
8621.500000	---	28.75	---	---	5000.0	1000.000	155.0	H	0.0	2.2
8621.500000	41.71	---	82.23	40.52	5000.0	1000.000	155.0	H	0.0	2.2
12920.233333	---	32.47	---	---	5000.0	1000.000	365.0	H	217.0	8.6
12920.233333	45.67	---	82.23	36.56	5000.0	1000.000	365.0	H	217.0	8.6
15088.100000	47.04	---	82.23	35.19	5000.0	1000.000	354.0	V	172.0	10.4
15088.100000	---	33.78	---	---	5000.0	1000.000	354.0	V	172.0	10.4
17238.300000	56.63	---	82.23	25.60	5000.0	1000.000	248.0	H	218.0	15.1
17238.300000	---	39.43	---	---	5000.0	1000.000	248.0	H	218.0	15.1

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

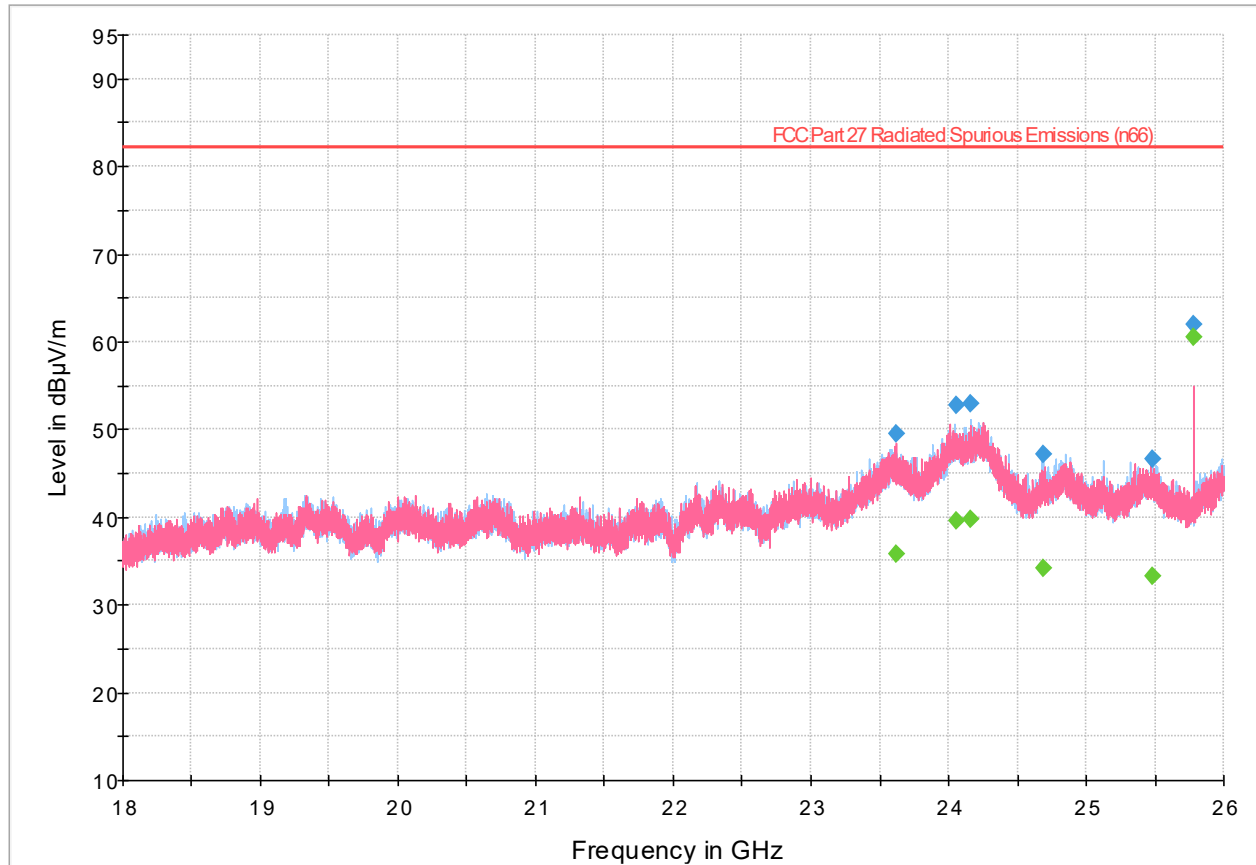


Figure 8.6-3: Radiated emissions spectral plot (18 GHz - 26 GHz)

Table 8.6-3: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
23624.200000	49.48	---	82.23	32.75	5000.0	1000.000	241.0	V	84.0	25.7
23624.200000	---	35.82	---	---	5000.0	1000.000	241.0	V	84.0	25.7
24054.500000	---	39.68	---	---	5000.0	1000.000	356.0	H	0.0	29.7
24054.500000	52.83	---	82.23	29.40	5000.0	1000.000	356.0	H	0.0	29.7
24164.600000	---	39.76	---	---	5000.0	1000.000	333.0	H	0.0	29.3
24164.600000	53.01	---	82.23	29.22	5000.0	1000.000	333.0	H	0.0	29.3
24685.000000	---	34.24	---	---	5000.0	1000.000	207.0	H	212.0	24.8
24685.000000	47.21	---	82.23	35.02	5000.0	1000.000	207.0	H	212.0	24.8
25484.200000	46.59	---	82.23	35.64	5000.0	1000.000	339.0	V	47.0	24.1
25484.200000	---	33.27	---	---	5000.0	1000.000	339.0	V	47.0	24.1
25781.300000	---	60.55	---	---	5000.0	1000.000	118.0	V	148.0	23.7
25781.300000	62.02	---	82.23	20.21	5000.0	1000.000	118.0	V	148.0	23.7

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Band n66 – radiated spurious emissions

10 MHz, LOW channel, 16 QAM

Full Spectrum

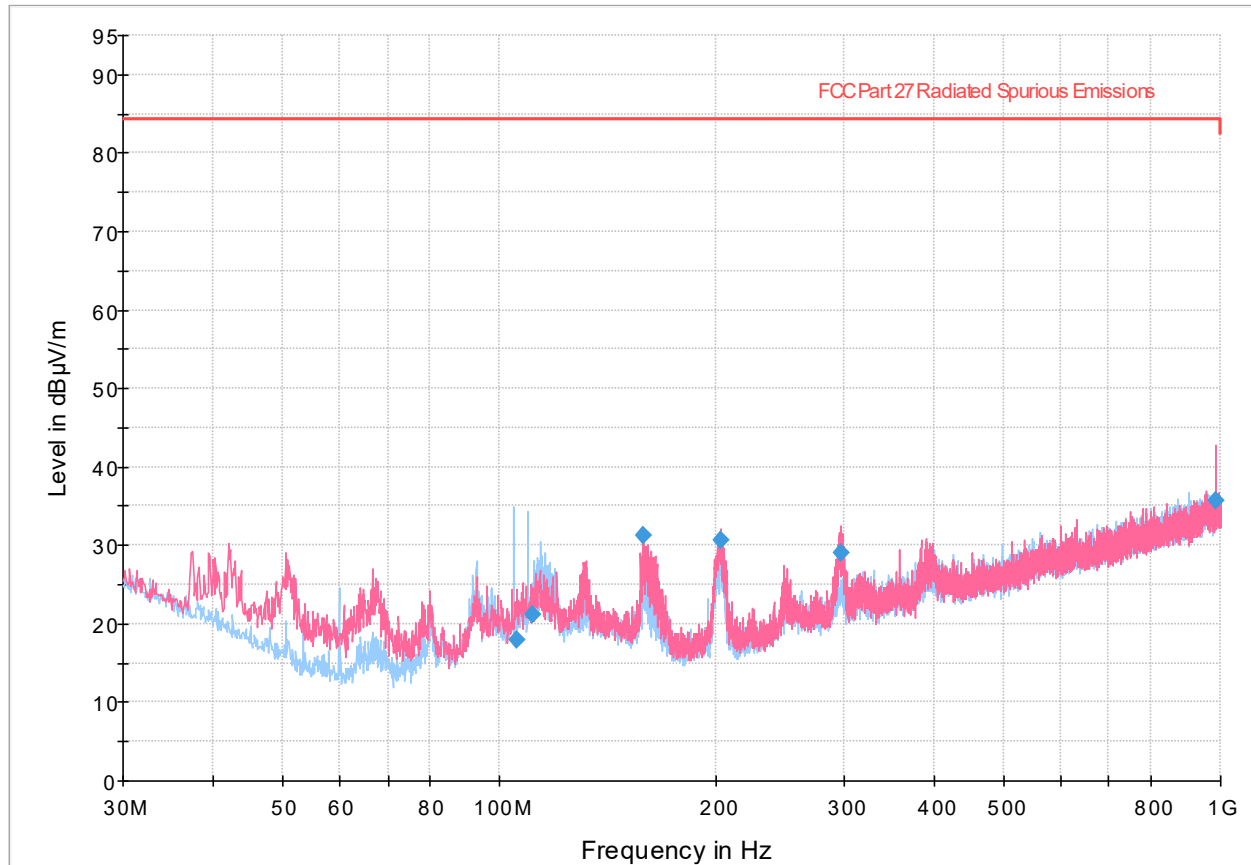


Figure 8.6-4: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.6-4: Radiated emissions results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
105.336000	17.86	84.38	66.52	5000.0	120.000	279.0	H	174.0	18.5
110.860000	21.24	84.38	63.14	5000.0	120.000	118.0	H	210.0	19.0
158.348000	31.18	84.38	53.20	5000.0	120.000	100.0	V	85.0	18.9
202.751000	30.59	84.38	53.79	5000.0	120.000	119.0	V	174.0	17.9
297.434000	28.99	84.38	55.39	5000.0	120.000	150.0	V	121.0	22.0
982.962000	35.74	84.38	48.64	5000.0	120.000	225.0	V	0.0	34.6

Notes:

<sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

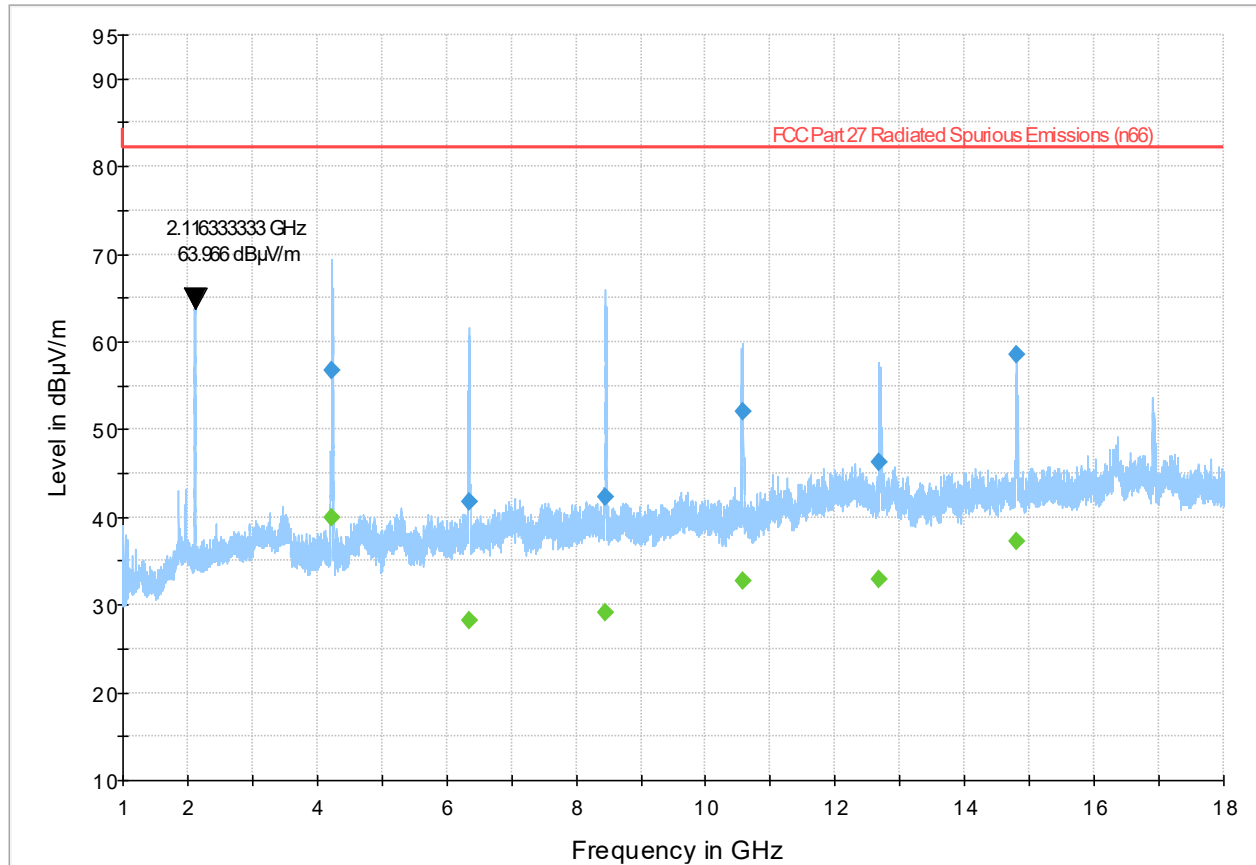


Figure 8.6-5: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.6-5: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4228.600000	---	40.01	---	---	5000.0	1000.000	203.0	H	210.0	-3.7
4228.600000	56.67	---	82.23	25.56	5000.0	1000.000	203.0	H	210.0	-3.7
6348.933333	---	28.21	---	---	5000.0	1000.000	228.0	V	11.0	0.2
6348.933333	41.84	---	82.23	40.39	5000.0	1000.000	228.0	V	11.0	0.2
8454.933333	42.26	---	82.23	39.97	5000.0	1000.000	282.0	H	122.0	2.3
8454.933333	---	29.21	---	---	5000.0	1000.000	282.0	H	122.0	2.3
10565.600000	52.09	---	82.23	30.14	5000.0	1000.000	187.0	H	236.0	4.4
10565.600000	---	32.69	---	---	5000.0	1000.000	187.0	H	236.0	4.4
12684.966667	---	32.96	---	---	5000.0	1000.000	347.0	H	219.0	8.0
12684.966667	46.22	---	82.23	36.01	5000.0	1000.000	347.0	H	219.0	8.0
14788.133333	---	37.29	---	---	5000.0	1000.000	155.0	H	241.0	9.9
14788.133333	58.63	---	82.23	23.60	5000.0	1000.000	155.0	H	241.0	9.9

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

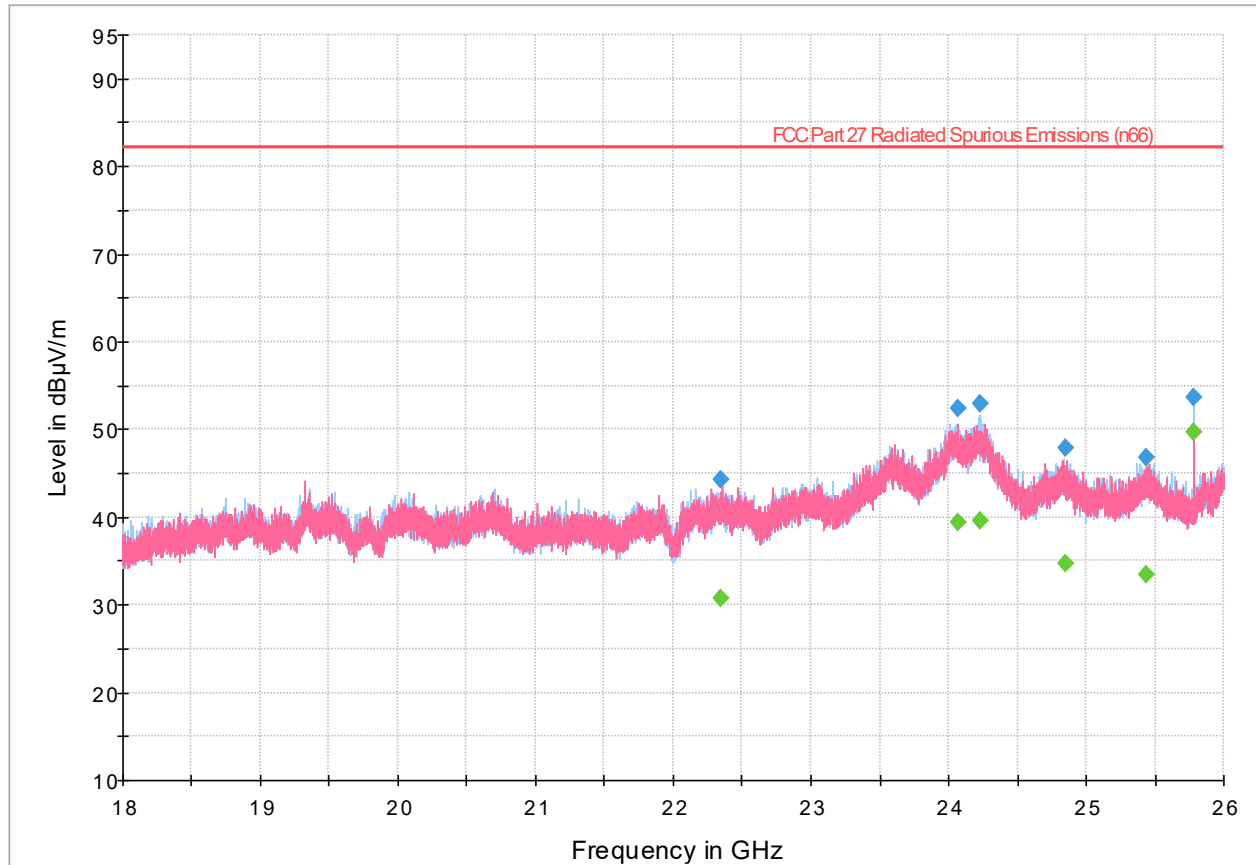


Figure 8.6-6: Radiated emissions spectral plot (18 GHz - 26 GHz)

Table 8.6-6: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
22346.300000	---	30.73	---	---	5000.0	1000.000	323.0	V	291.0	19.4
22346.300000	44.27	---	82.23	37.96	5000.0	1000.000	323.0	V	291.0	19.4
24068.800000	---	39.41	---	---	5000.0	1000.000	168.0	V	21.0	29.7
24068.800000	52.46	---	82.23	29.77	5000.0	1000.000	168.0	V	21.0	29.7
24231.700000	52.89	---	82.23	29.34	5000.0	1000.000	344.0	H	46.0	29.1
24231.700000	---	39.53	---	---	5000.0	1000.000	344.0	H	46.0	29.1
24846.700000	47.92	---	82.23	34.31	5000.0	1000.000	363.0	H	316.0	24.7
24846.700000	---	34.64	---	---	5000.0	1000.000	363.0	H	316.0	24.7
25433.700000	46.86	---	82.23	35.37	5000.0	1000.000	331.0	H	10.0	23.9
25433.700000	---	33.48	---	---	5000.0	1000.000	331.0	H	10.0	23.9
25781.300000	53.59	---	82.23	28.64	5000.0	1000.000	160.0	H	189.0	23.7
25781.300000	---	49.78	---	---	5000.0	1000.000	160.0	H	189.0	23.7

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Band n66 – radiated spurious emissions

15 MHz, HIGH channel, 16 QAM

Full Spectrum

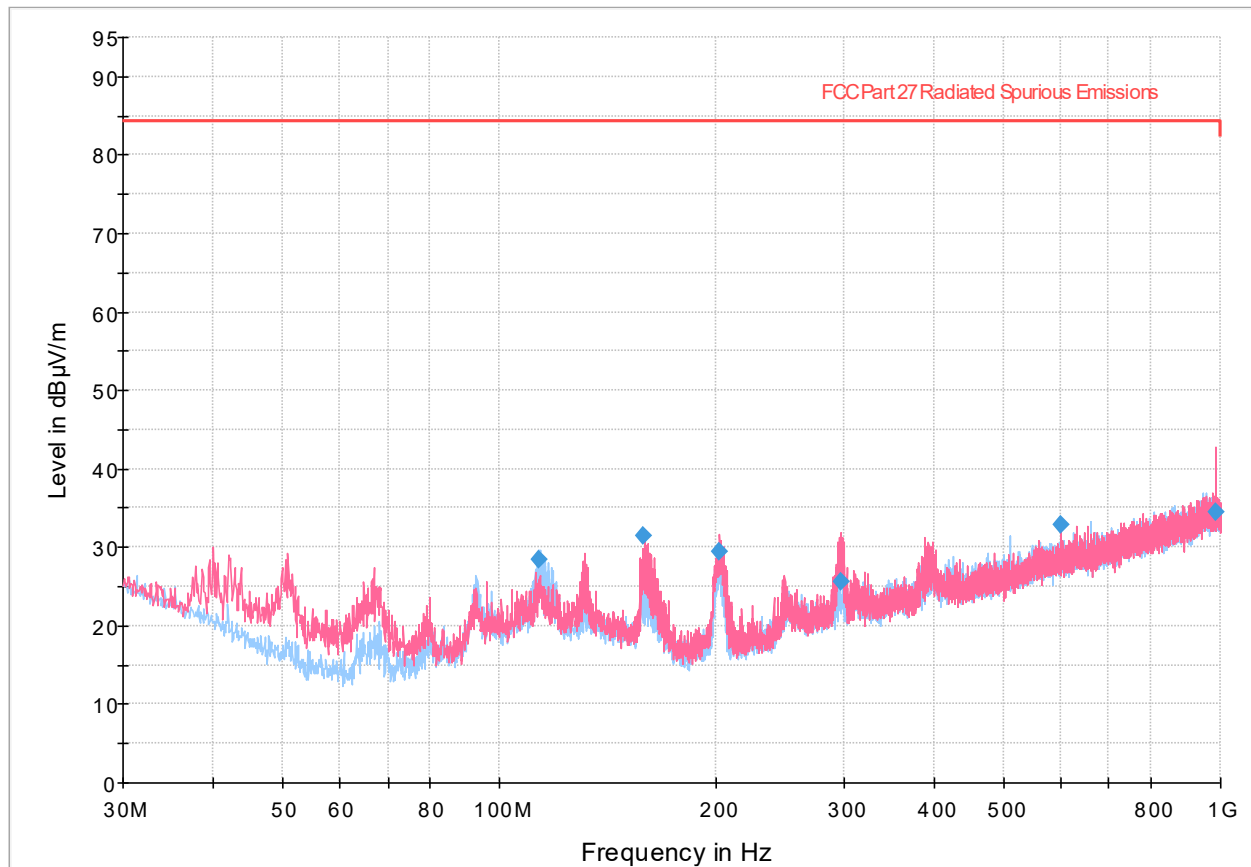


Figure 8.6-7: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.6-7: Radiated emissions results

Frequency (MHz)	QuasiPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
113.214000	28.52	84.38	55.86	5000.0	120.000	255.0	H	10.0	19.2
158.239000	31.47	84.38	52.91	5000.0	120.000	100.0	V	109.0	19.0
201.781000	29.47	84.38	54.91	5000.0	120.000	182.0	V	176.0	17.9
298.149000	25.69	84.38	58.69	5000.0	120.000	194.0	V	100.0	22.0
600.012000	32.90	84.38	51.48	5000.0	120.000	241.0	V	0.0	29.1
983.442000	34.45	84.38	49.93	5000.0	120.000	100.0	V	169.0	34.6

Notes:

<sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.



Full Spectrum

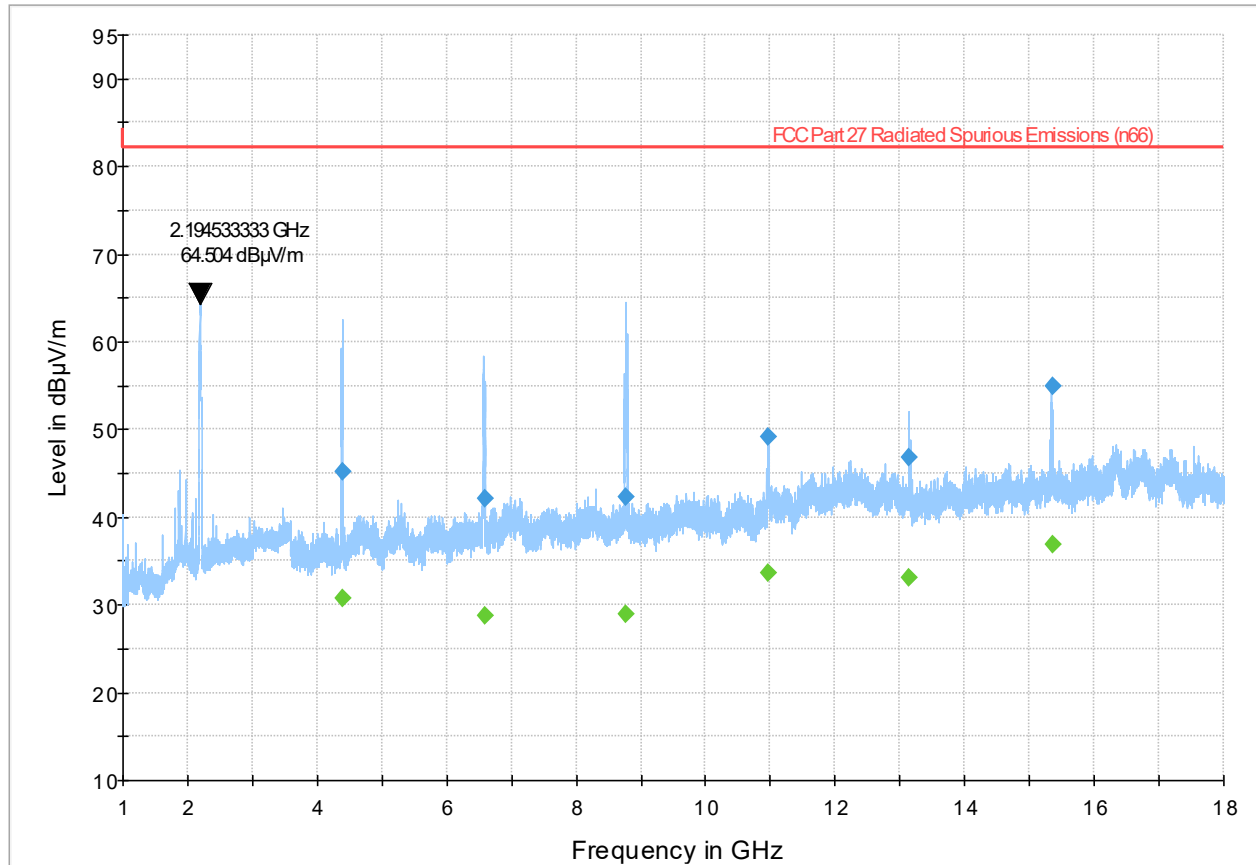


Figure 8.6-8: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.6-8: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4387.533333	---	30.78	---	---	5000.0	1000.000	285.0	V	186.0	-3.2
4387.533333	45.20	---	82.23	37.03	5000.0	1000.000	285.0	V	186.0	-3.2
6581.966667	42.18	---	82.23	40.05	5000.0	1000.000	259.0	H	22.0	0.6
6581.966667	---	28.72	---	---	5000.0	1000.000	259.0	H	22.0	0.6
8777.066667	---	28.97	---	---	5000.0	1000.000	222.0	H	121.0	2.8
8777.066667	42.29	---	82.23	39.94	5000.0	1000.000	222.0	H	121.0	2.8
10954.633333	---	33.66	---	---	5000.0	1000.000	153.0	V	184.0	4.0
10954.633333	49.22	---	82.23	33.01	5000.0	1000.000	153.0	V	184.0	4.0
13148.866667	---	33.13	---	---	5000.0	1000.000	330.0	V	308.0	8.7
13148.866667	46.80	---	82.23	35.43	5000.0	1000.000	330.0	V	308.0	8.7
15356.233333	54.91	---	82.23	27.32	5000.0	1000.000	160.0	H	221.0	10.2
15356.233333	---	36.98	---	---	5000.0	1000.000	160.0	H	221.0	10.2

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

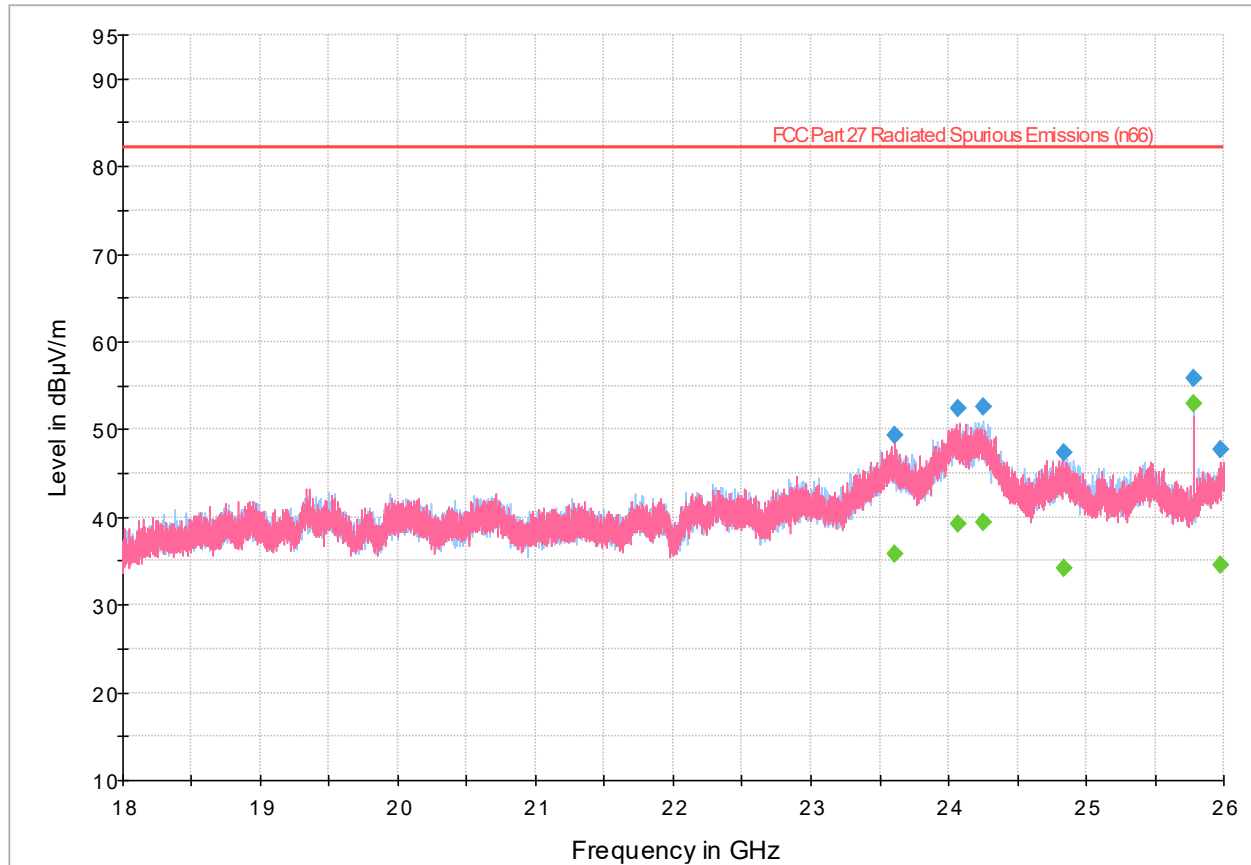


Figure 8.6-9: Radiated emissions spectral plot (18 GHz - 26 GHz)

Table 8.6-9: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
23608.600000	49.40	---	82.23	32.83	5000.0	1000.000	164.0	V	356.0	25.8
23608.600000	---	35.72	---	---	5000.0	1000.000	164.0	V	356.0	25.8
24070.100000	---	39.18	---	---	5000.0	1000.000	151.0	H	316.0	29.7
24070.100000	52.34	---	82.23	29.89	5000.0	1000.000	151.0	H	316.0	29.7
24256.600000	52.65	---	82.23	29.58	5000.0	1000.000	397.0	H	126.0	29.0
24256.600000	---	39.43	---	---	5000.0	1000.000	397.0	H	126.0	29.0
24835.500000	47.30	---	82.23	34.93	5000.0	1000.000	351.0	H	240.0	24.7
24835.500000	---	34.27	---	---	5000.0	1000.000	351.0	H	240.0	24.7
25781.300000	---	53.00	---	---	5000.0	1000.000	225.0	H	160.0	23.7
25781.300000	55.82	---	82.23	26.41	5000.0	1000.000	225.0	H	160.0	23.7
25974.700000	47.78	---	82.23	34.45	5000.0	1000.000	385.0	V	173.0	25.3
25974.700000	---	34.48	---	---	5000.0	1000.000	385.0	V	173.0	25.3

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Band n66 – radiated spurious emissions

20 MHz, LOW channel, 16 QAM

Full Spectrum

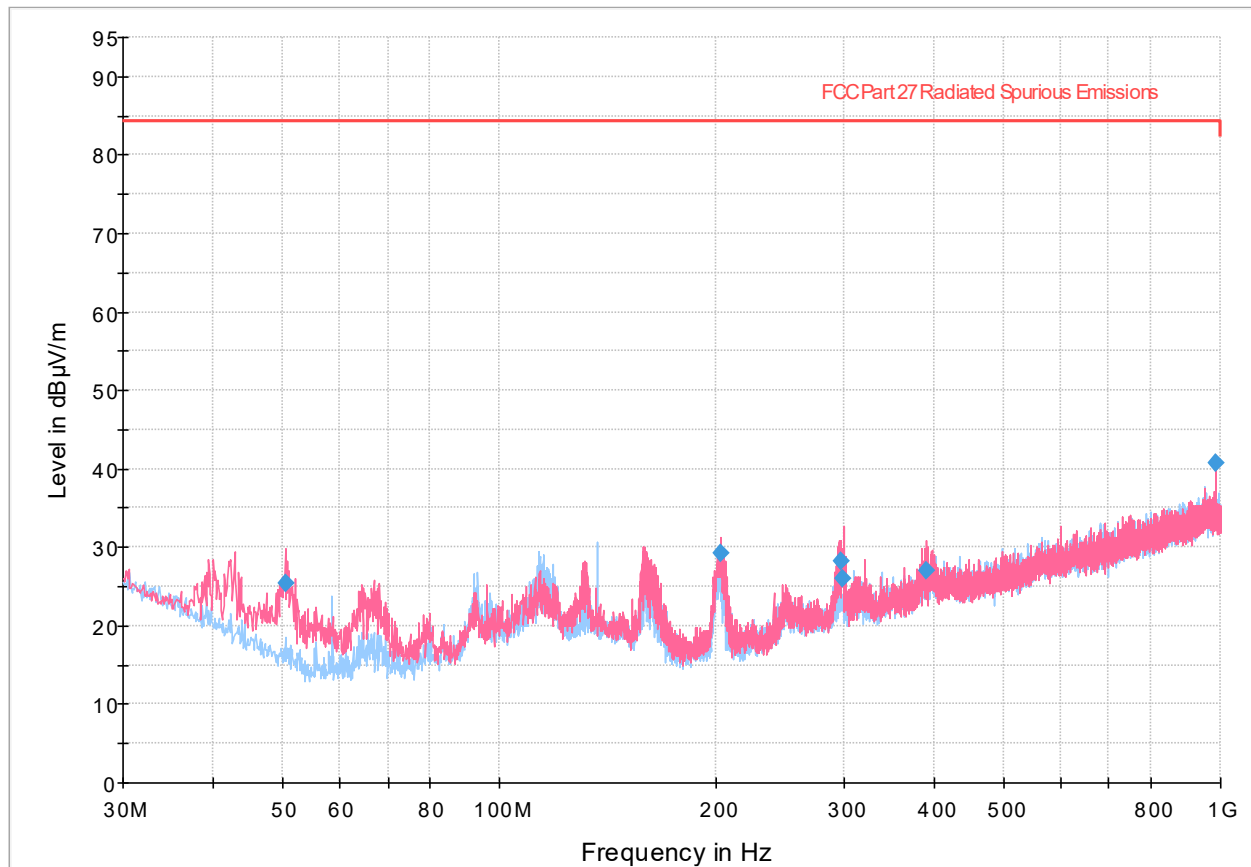


Figure 8.6-10: Radiated emissions spectral plot (30 MHz - 1 GHz)

Table 8.6-10: Radiated emissions results

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.410000	25.50	84.38	58.88	5000.0	120.000	100.0	V	84.0	15.8
202.631000	29.18	84.38	55.20	5000.0	120.000	100.0	V	192.0	17.9
297.532000	28.25	84.38	56.13	5000.0	120.000	163.0	V	126.0	22.0
299.465000	25.94	84.38	58.44	5000.0	120.000	152.0	V	113.0	22.1
391.241000	26.95	84.38	57.43	5000.0	120.000	110.0	V	170.0	24.9
983.042000	40.66	84.38	43.72	5000.0	120.000	119.0	V	147.0	34.6

Notes:

<sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

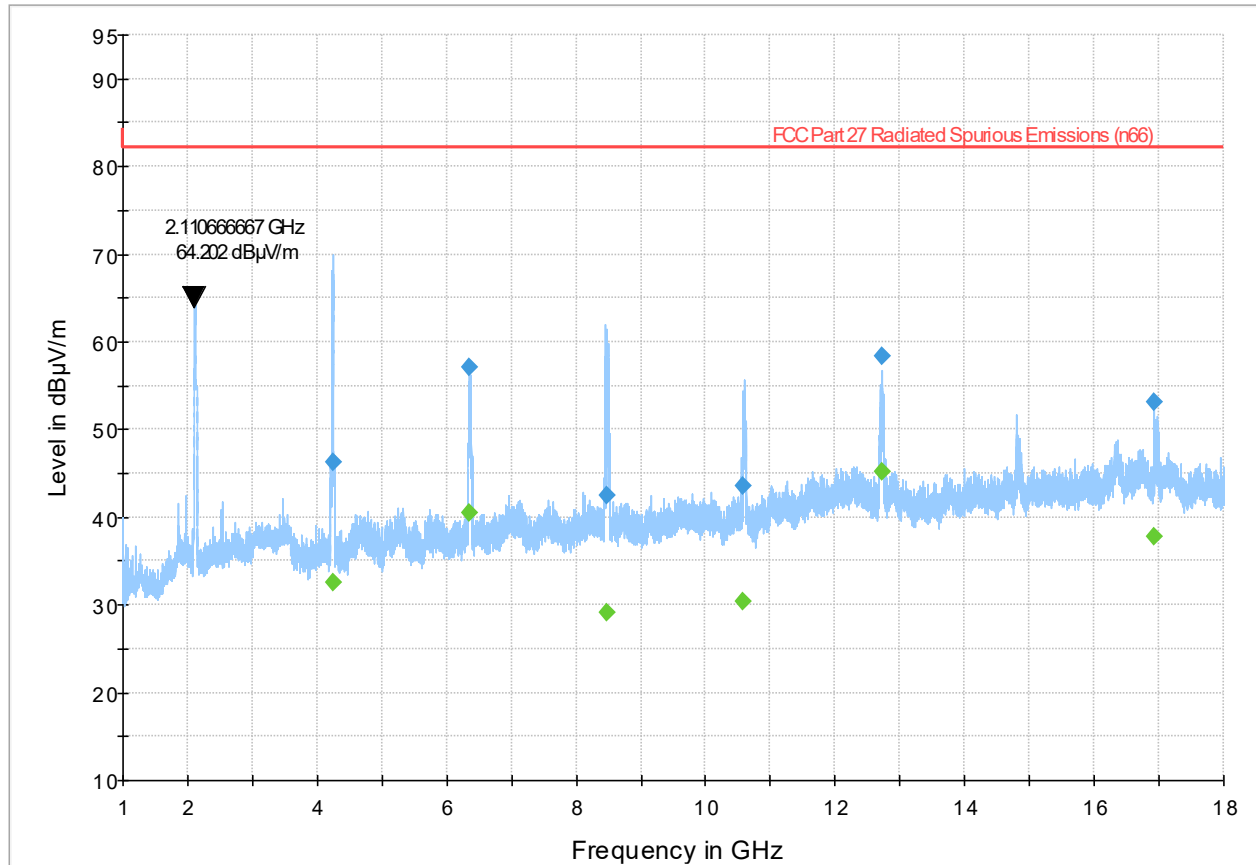


Figure 8.6-11: Radiated emissions spectral plot (1 GHz - 18 GHz)

Table 8.6-11: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4240.433333	---	32.57	---	---	5000.0	1000.000	266.0	H	222.0	-3.6
4240.433333	46.34	---	82.23	35.89	5000.0	1000.000	266.0	H	222.0	-3.6
6350.933333	---	40.46	---	---	5000.0	1000.000	185.0	H	239.0	0.2
6350.933333	57.14	---	82.23	25.09	5000.0	1000.000	185.0	H	239.0	0.2
8461.933333	---	29.20	---	---	5000.0	1000.000	297.0	H	222.0	2.3
8461.933333	42.55	---	82.23	39.68	5000.0	1000.000	297.0	H	222.0	2.3
10582.500000	---	30.43	---	---	5000.0	1000.000	247.0	H	304.0	4.3
10582.500000	43.62	---	82.23	38.61	5000.0	1000.000	247.0	H	304.0	4.3
12718.433333	58.39	---	82.23	23.84	5000.0	1000.000	181.0	H	239.0	8.2
12718.433333	---	45.17	---	---	5000.0	1000.000	181.0	H	239.0	8.2
16934.766667	53.18	---	82.23	29.05	5000.0	1000.000	268.0	H	223.0	12.1
16934.766667	---	37.73	---	---	5000.0	1000.000	268.0	H	223.0	12.1

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Full Spectrum

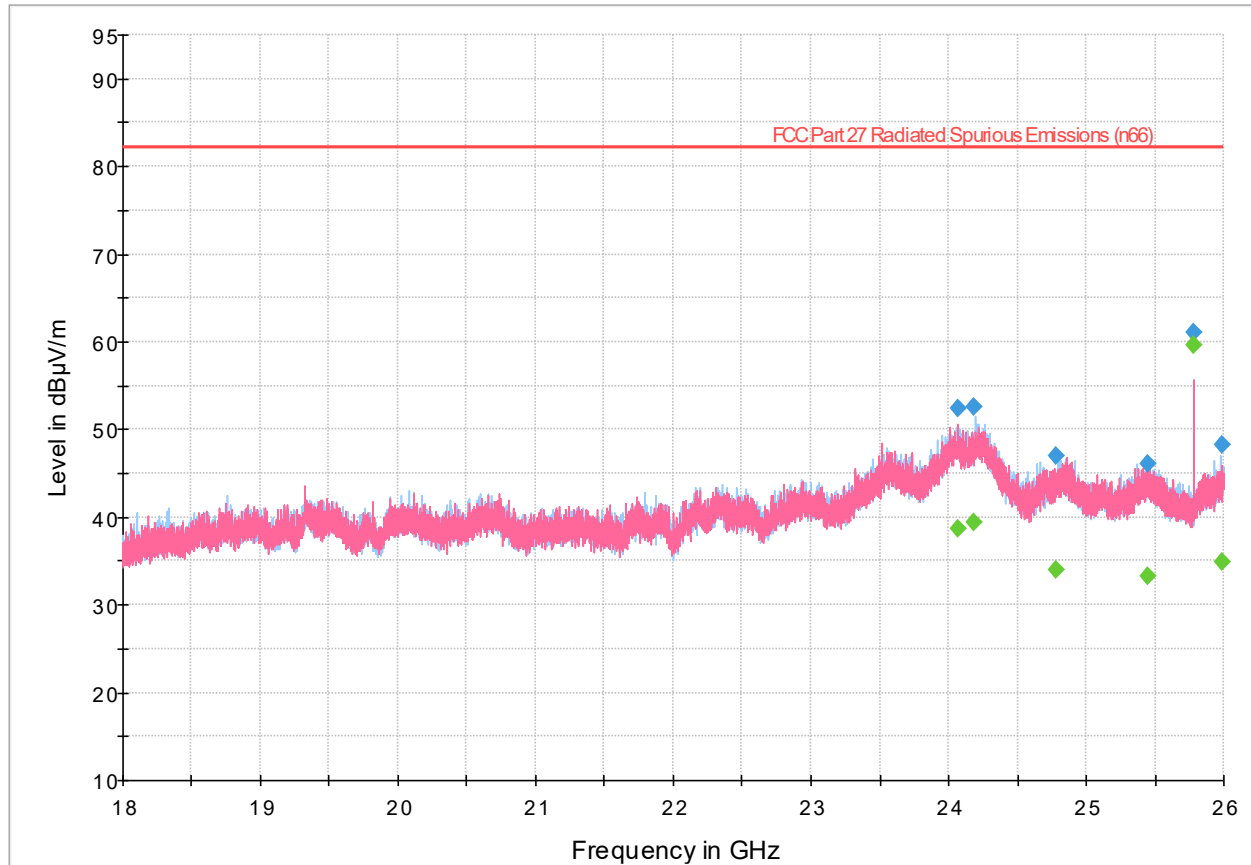


Figure 8.6-12: Radiated emissions spectral plot (18 GHz - 26 GHz)

Table 8.6-12: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	CAverage (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
24074.100000	52.33	---	82.23	29.90	5000.0	1000.000	154.0	V	12.0	29.7
24074.100000	---	38.76	---	---	5000.0	1000.000	154.0	V	12.0	29.7
24184.400000	52.52	---	82.23	29.71	5000.0	1000.000	263.0	H	152.0	29.2
24184.400000	---	39.42	---	---	5000.0	1000.000	263.0	H	152.0	29.2
24780.300000	47.08	---	82.23	35.15	5000.0	1000.000	282.0	H	352.0	24.6
24780.300000	---	33.92	---	---	5000.0	1000.000	282.0	H	352.0	24.6
25445.800000	46.10	---	82.23	36.13	5000.0	1000.000	122.0	V	0.0	23.9
25445.800000	---	33.20	---	---	5000.0	1000.000	122.0	V	0.0	23.9
25781.300000	---	59.68	---	---	5000.0	1000.000	134.0	V	147.0	23.7
25781.300000	61.16	---	82.23	21.07	5000.0	1000.000	134.0	V	147.0	23.7
25986.500000	---	34.85	---	---	5000.0	1000.000	366.0	H	227.0	25.3
25986.500000	48.25	---	82.23	33.98	5000.0	1000.000	366.0	H	227.0	25.3

Notes: <sup>1</sup> Field strength (dB V/m) = receiver/spectrum analyzer value (dB V) + correction factor (dB)

<sup>2</sup> Correction factors = antenna factor ACF (dB) + cable loss (dB)

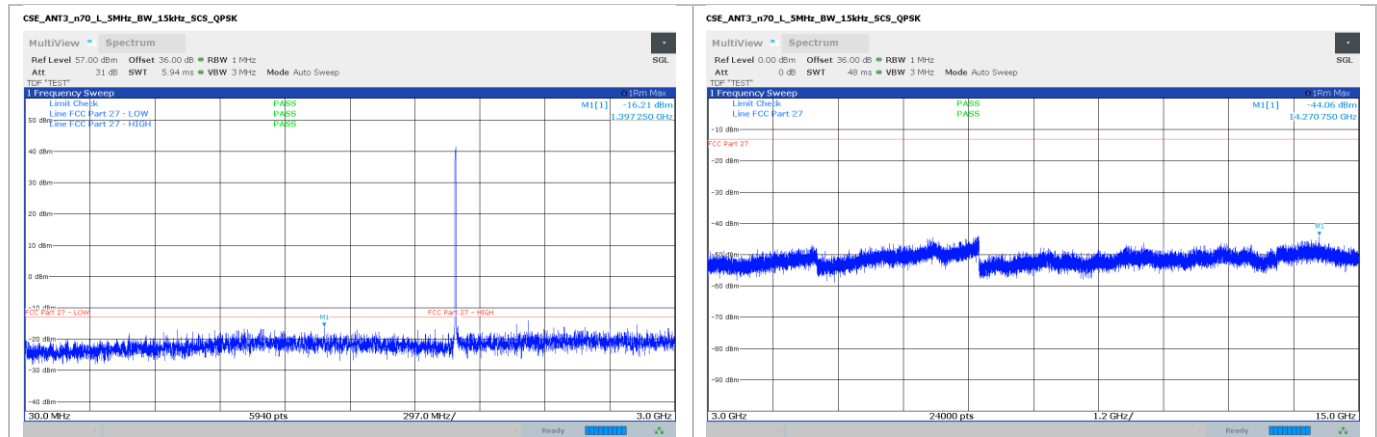
<sup>3</sup> Emissions that were continuously present for a minimum of 1 second and occurred more than once for every 15 seconds observation period were considered valid emissions. The maximum value of valid emissions has been recorded.

Band n70 – conducted spurious emissions

5 MHz

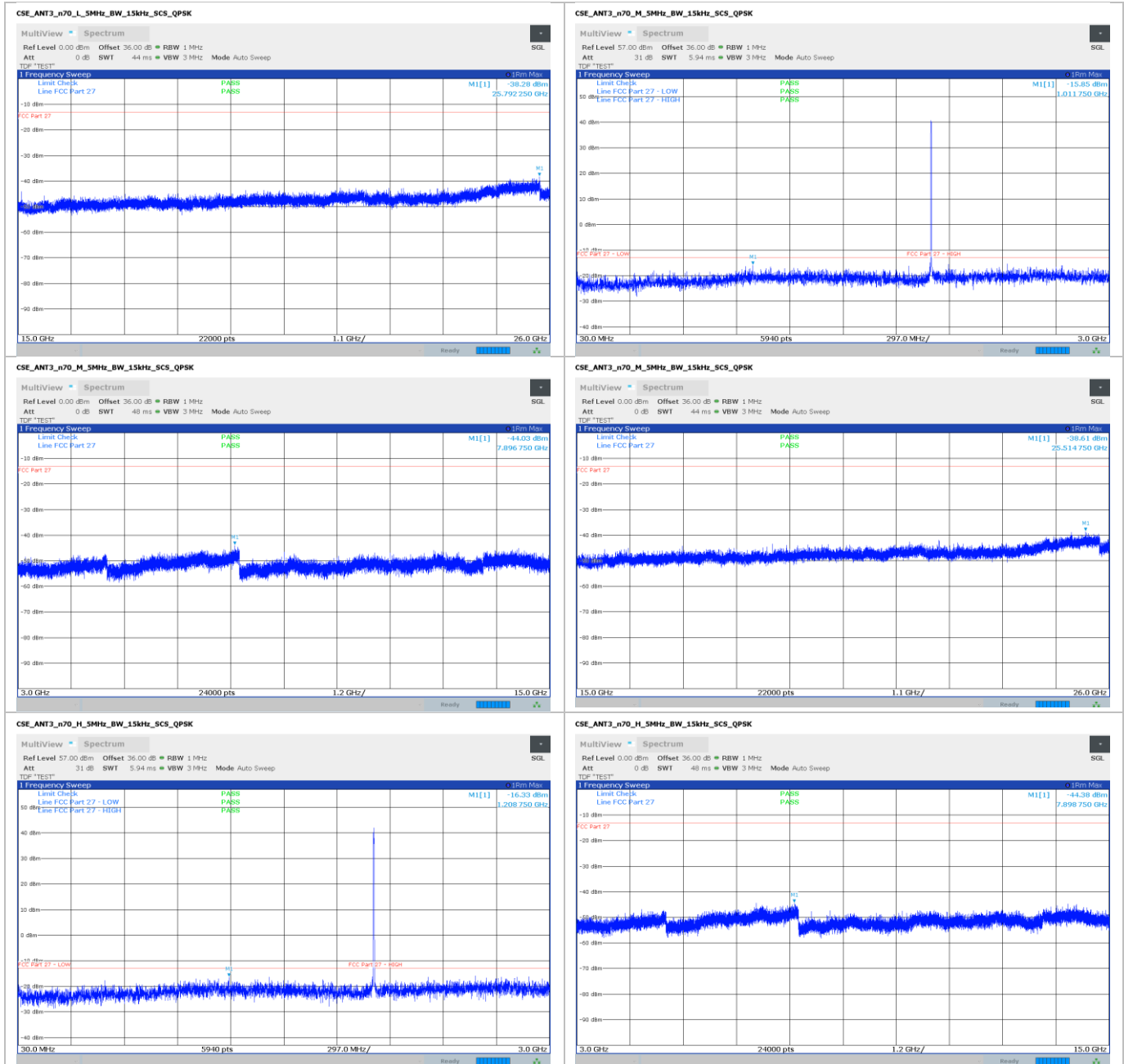
Identification of correct limit:

Channel	Bandwidth (MHz)	Frequency (MHz)	Applicable rule part	Limit
LOW	5	1997.5	27.53(h)(2)(iv) (2005 – 2020 MHz) 27.53(h)(1)	-40 dBm -13 dBm
MID	5	2007.5	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
HIGH	5	2017.5	27.53(h)(2)(iii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
LOW	10	2000	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(2)(iv) (2005 – 2020 MHz) 27.53(h)(1) ≥ 2000 MHz	-40 dBm -40 dBm -13 dBm
MID	10	2007.5	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
HIGH	10	2015	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
LOW	15	2002.5	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
MID	15	2007.5	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
HIGH	15	2012.5	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
LOW	20	2005.0	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
MID	20	2007.5	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm
HIGH	20	2010.0	27.53(h)(2)(ii) < 2000 MHz 27.53(h)(1) ≥ 2000 MHz	-40 dBm -13 dBm



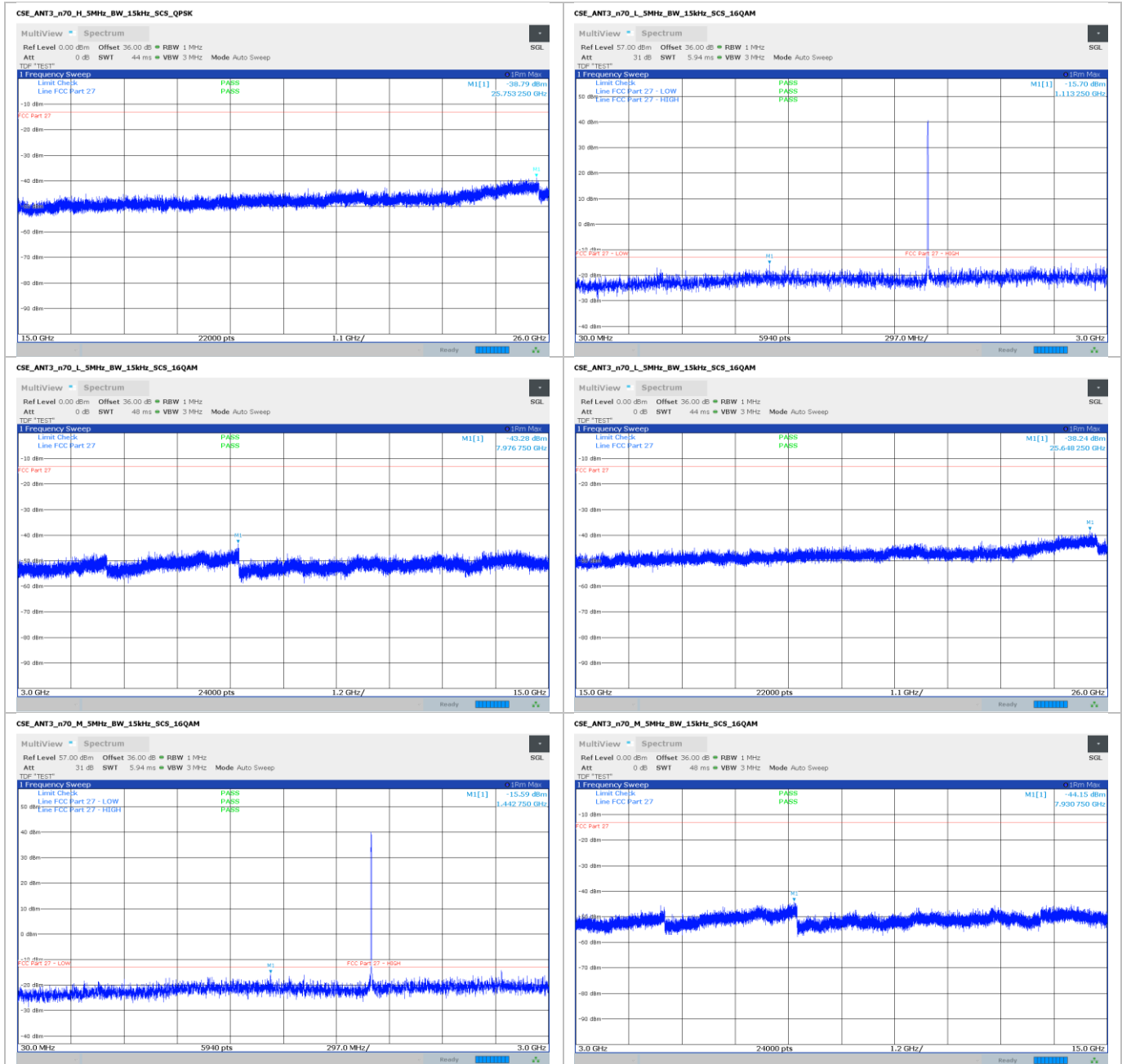
Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



**Section 8**  
**Test name**  
**Specification**

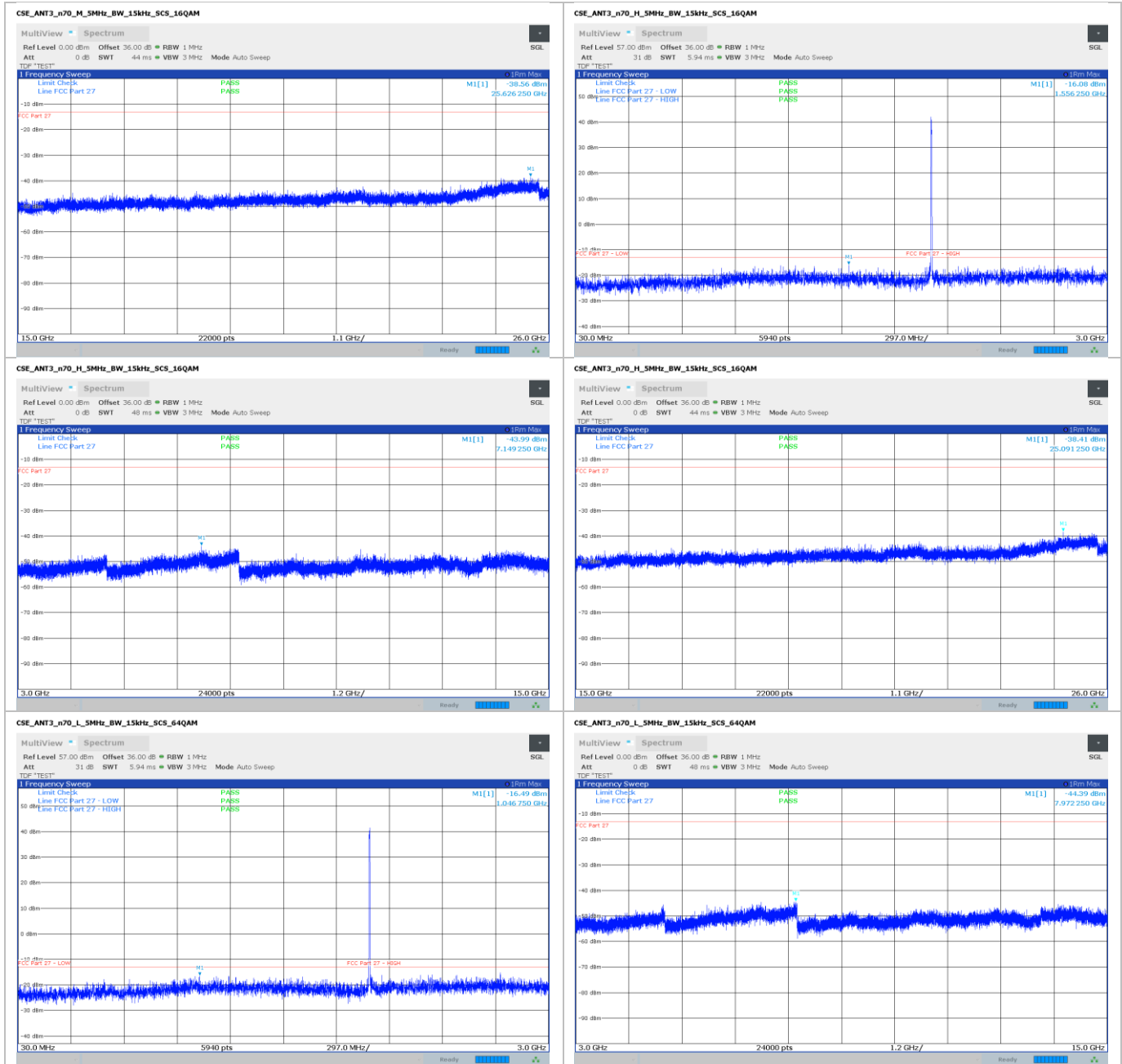
Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27





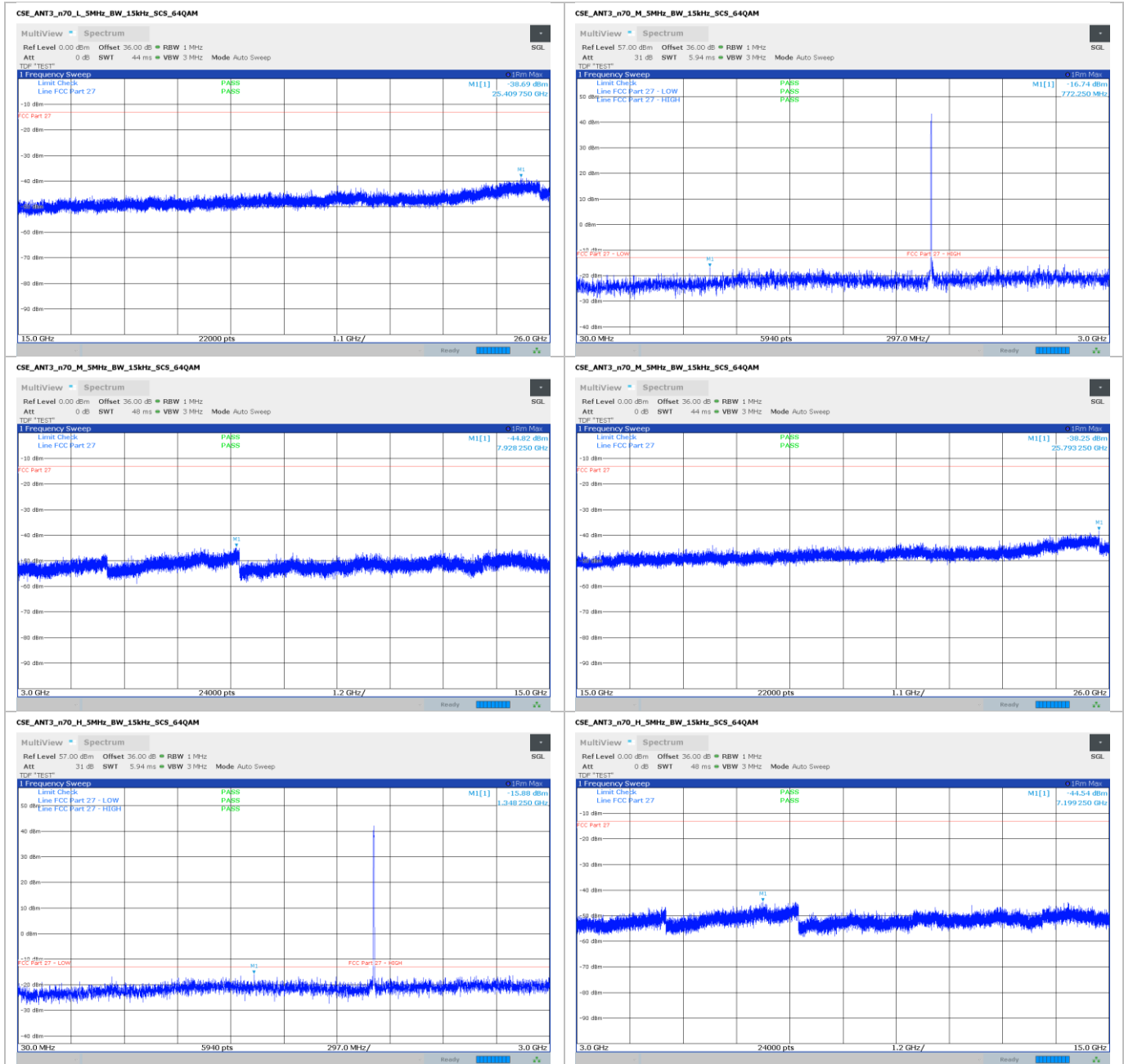
Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



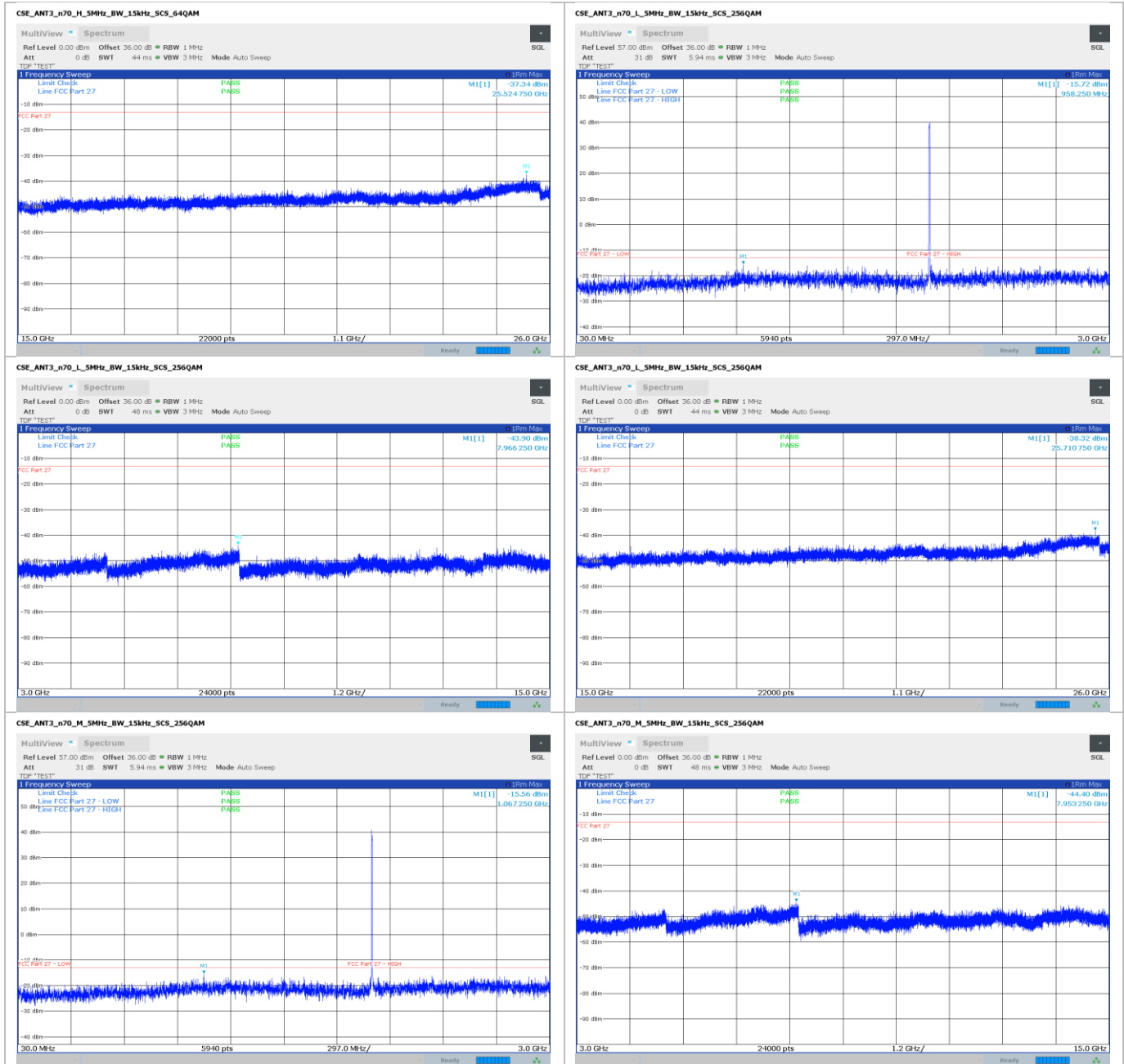
Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27



Section 8  
Test name  
Specification

Testing data  
FCC 27.53(m) Emission limits  
FCC Part 27

