

## 8.6.5 Test data

### 8.6.5.1 Operating frequency band: Band 25: 1930 – 1995 MHz

Full Spectrum

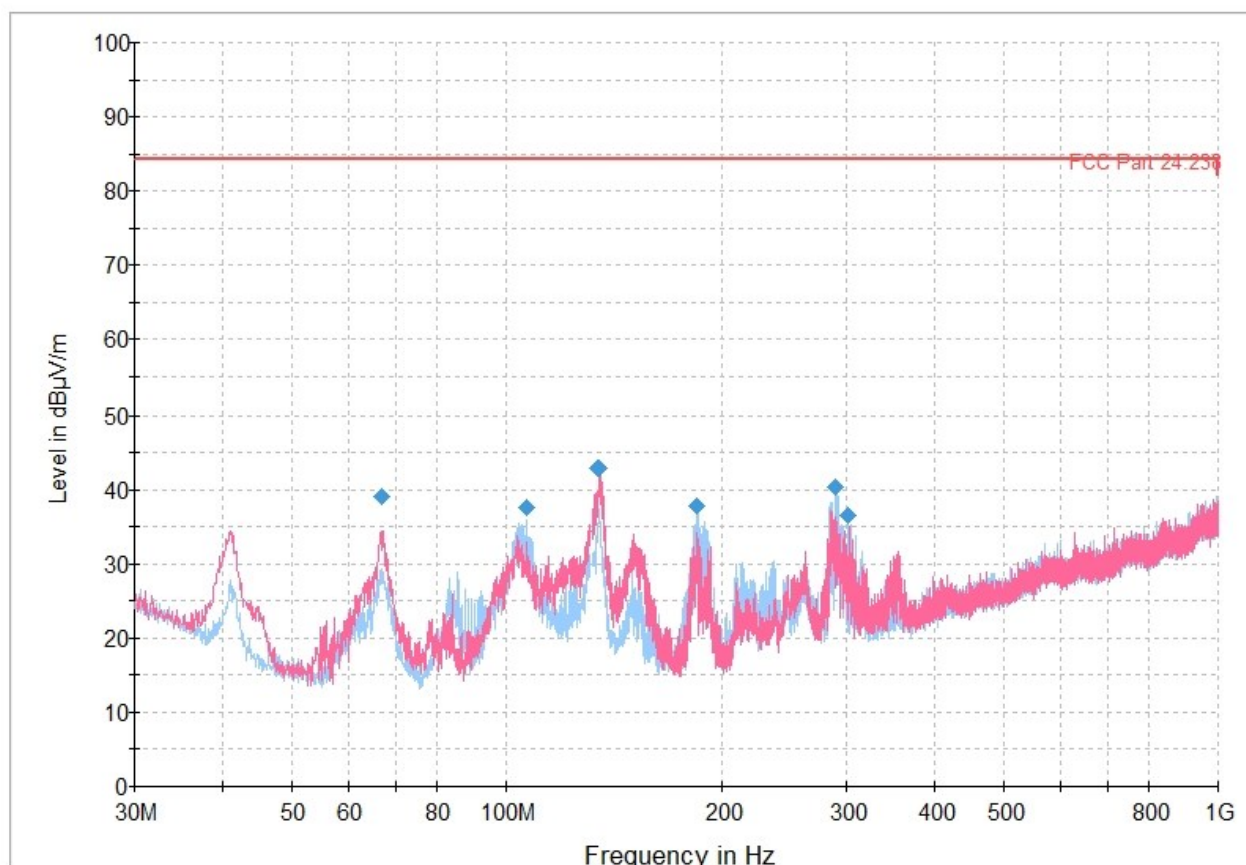


Figure 8.6-1: Radiated emissions spectral plot (30 MHz - 1 GHz) – 1930 MHz

Table 8.6-1: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
66.963333	39.04	84.38	45.34	5000.0	100.000	158.0	V	0.0	12.5
107.095000	37.61	84.38	46.77	5000.0	100.000	301.0	H	260.0	17.9
134.863333	42.96	84.38	41.42	5000.0	100.000	104.0	V	160.0	18.7
184.454167	37.71	84.38	46.67	5000.0	100.000	190.0	H	95.0	16.2
289.499167	40.26	84.38	44.12	5000.0	100.000	100.0	H	74.0	21.0
301.182500	36.56	84.38	47.82	5000.0	100.000	111.0	H	83.0	21.1

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

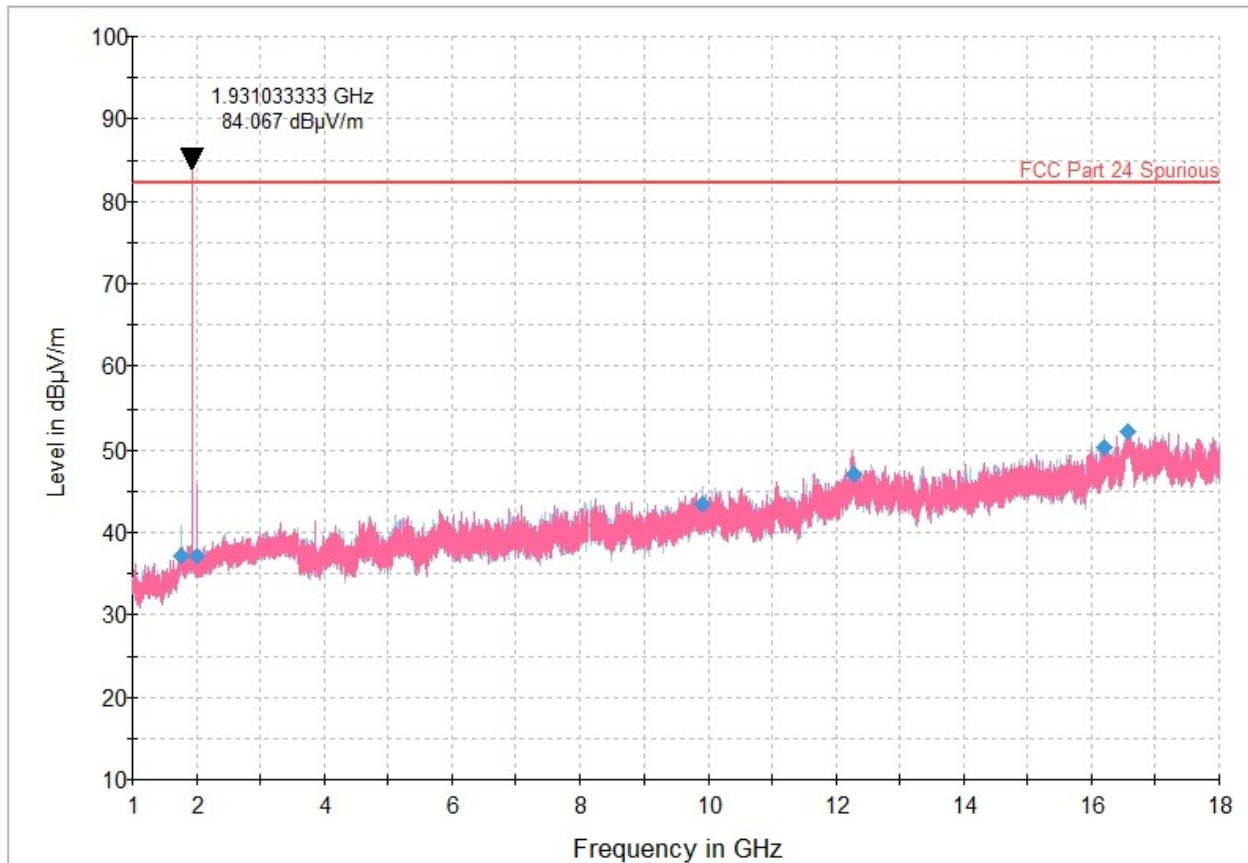


Figure 8.6-2: Radiated emissions spectral plot (1 GHz - 18 GHz) – 1930 MHz

Table 8.6-2: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1754.866667	37.14	82.23	45.09	100.0	1000.000	111.0	H	0.0	-11.0
2010.400000	37.15	82.23	45.08	100.0	1000.000	107.0	V	35.0	-11.1
9910.533333	43.46	82.23	38.77	100.0	1000.000	400.0	H	35.0	4.4
12263.466667	46.98	82.23	35.25	100.0	1000.000	187.0	V	60.0	8.8
16191.333333	50.41	82.23	31.82	100.0	1000.000	107.0	H	73.0	15.1
16567.600000	52.15	82.23	30.08	100.0	1000.000	290.0	V	241.0	17.2

- 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

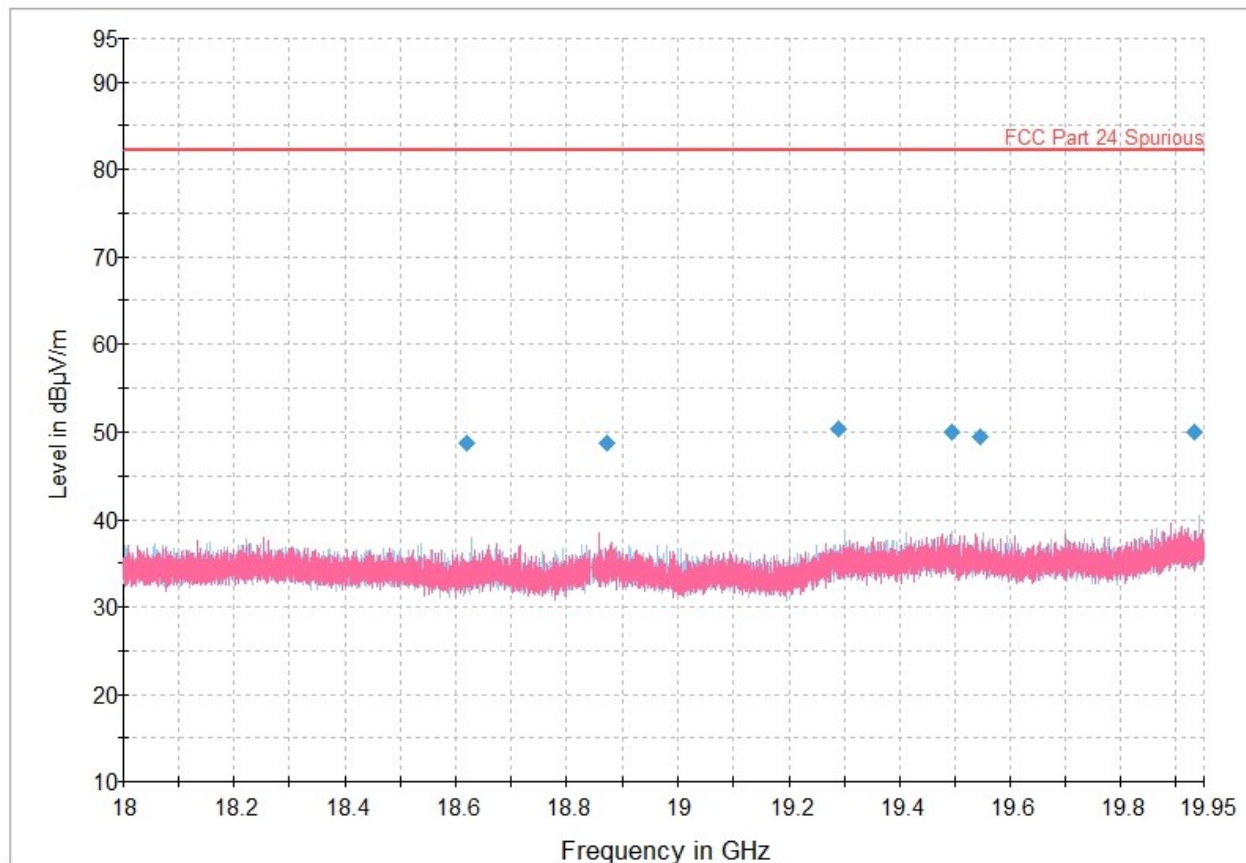


Figure 8.6-3: Radiated emissions spectral plot (18 GHz - 19.95 GHz) – 1930 MHz

Table 8.6-3: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18621.787500	48.74	82.23	33.49	5000.0	1000.000	118.0	H	59.0	22.9
18870.021875	48.78	82.23	33.45	5000.0	1000.000	224.0	V	235.0	22.2
19290.215625	50.44	82.23	31.79	5000.0	1000.000	400.0	H	98.0	23.4
19494.328125	49.97	82.23	32.26	5000.0	1000.000	378.0	H	279.0	23.6
19546.143750	49.47	82.23	32.76	5000.0	1000.000	140.0	H	276.0	23.7
19933.237500	50.11	82.23	32.12	5000.0	1000.000	183.0	H	187.0	24.5

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.

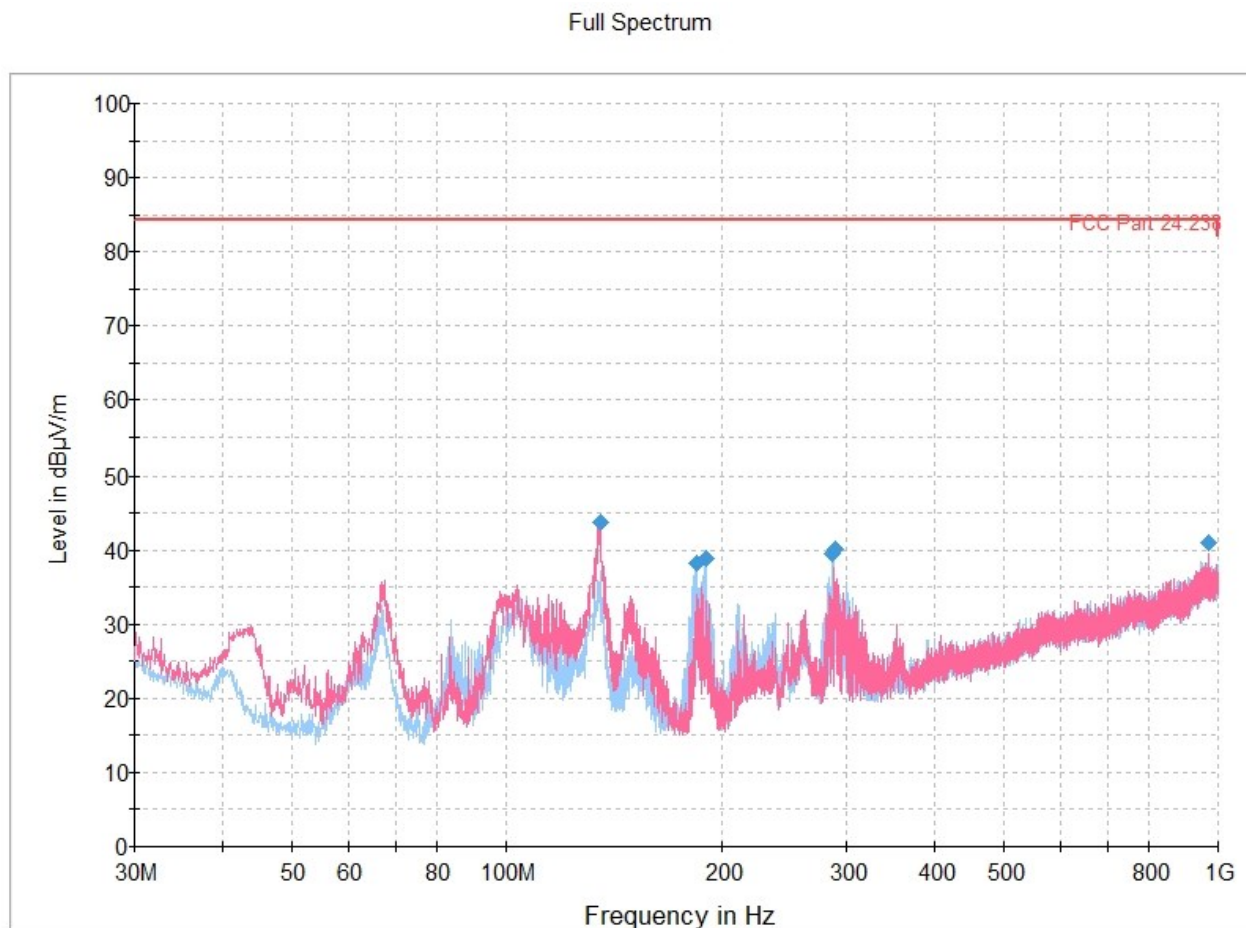


Figure 8.6-4: Radiated emissions spectral plot (30 MHz - 1 GHz) – 1962.5 MHz

Table 8.6-4: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
135.100833	43.67	84.38	40.71	5000.0	100.000	104.0	V	159.0	18.7
184.200833	38.25	84.38	46.13	5000.0	100.000	110.0	H	112.0	16.2
190.107500	38.75	84.38	45.63	5000.0	100.000	110.0	H	122.0	16.2
286.344167	39.48	84.38	44.90	5000.0	100.000	111.0	H	268.0	20.9
288.638333	40.15	84.38	44.23	5000.0	100.000	104.0	H	268.0	21.0
970.400833	40.92	84.38	43.46	5000.0	100.000	400.0	V	57.0	35.5

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

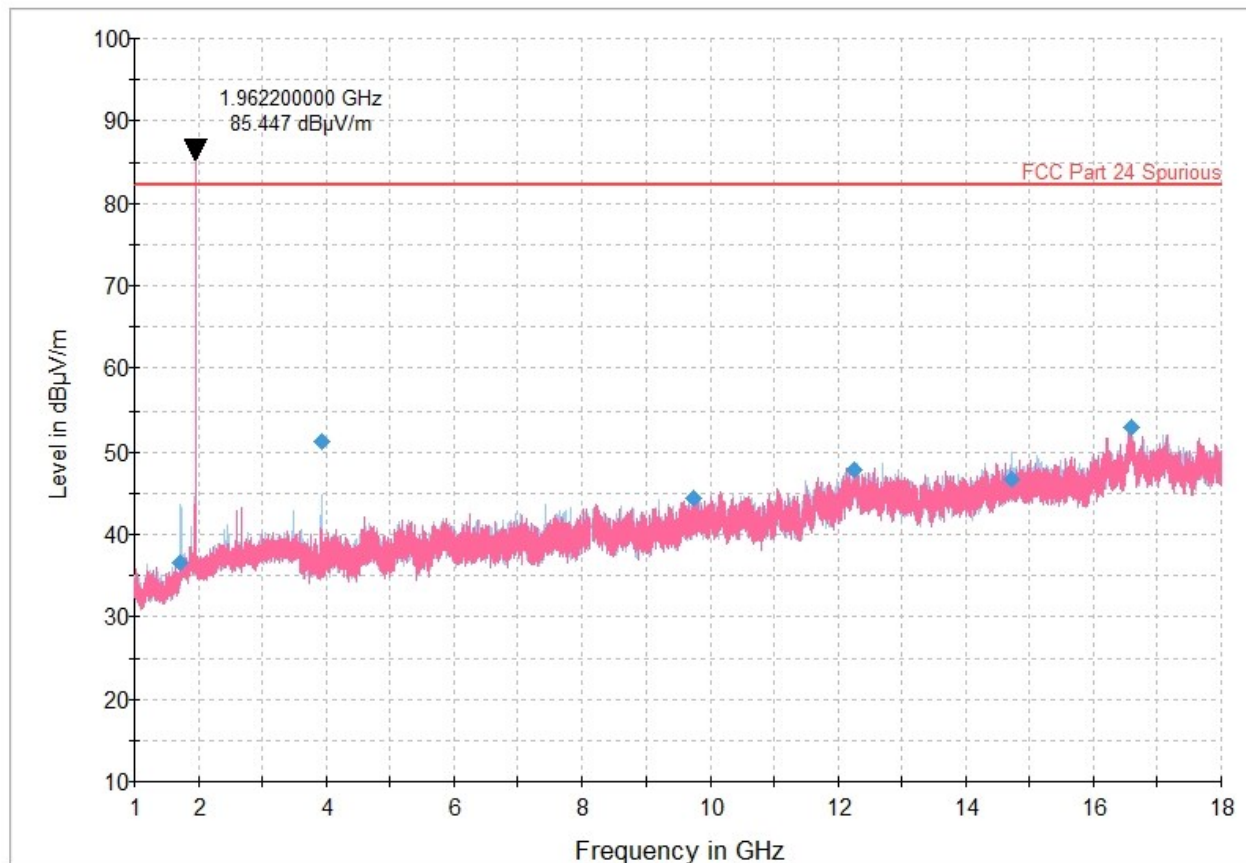


Figure 8.6-5: Radiated emissions spectral plot (1 GHz - 18 GHz) – 1962.5 MHz

Table 8.6-5: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1726.000000	36.48	82.23	45.75	100.0	1000.000	397.0	H	238.0	-11.7
3927.066667	51.23	82.23	31.00	100.0	1000.000	303.0	H	85.0	-3.3
9740.400000	44.37	82.23	37.86	100.0	1000.000	367.0	V	198.0	4.7
12258.166667	47.75	82.23	34.48	100.0	1000.000	115.0	V	124.0	8.8
14712.666667	46.67	82.23	35.56	100.0	1000.000	288.0	H	126.0	10.7
16595.233333	53.04	82.23	29.19	100.0	1000.000	364.0	V	351.0	17.4

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

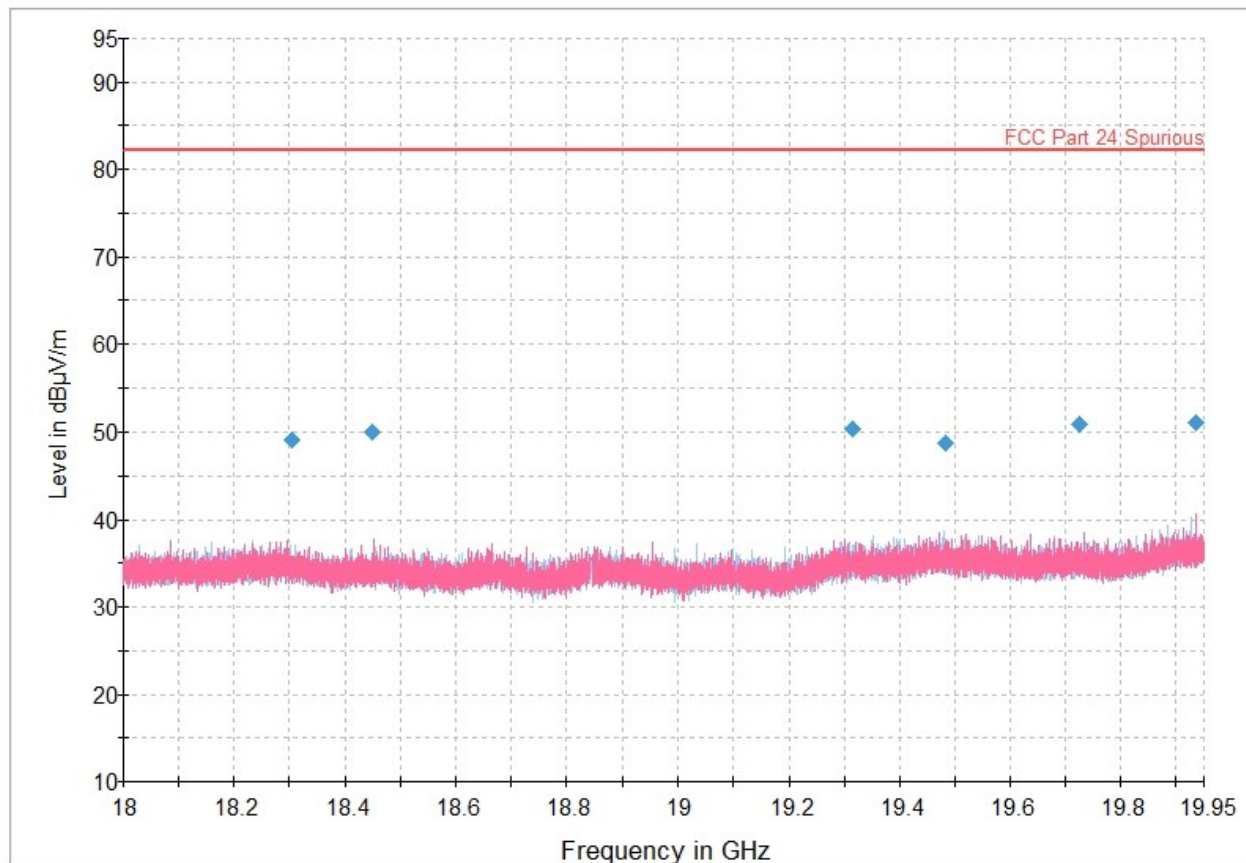


Figure 8.6-6: Radiated emissions spectral plot (18 GHz - 19.95 GHz) – 1962.5 MHz

Table 8.6-6: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18304.059375	49.20	82.23	33.03	5000.0	1000.000	268.0	V	0.0	23.0
18450.975000	50.03	82.23	32.20	5000.0	1000.000	119.0	V	73.0	22.8
19314.703125	50.38	82.23	31.85	5000.0	1000.000	151.0	V	91.0	23.6
19482.853125	48.73	82.23	33.50	5000.0	1000.000	312.0	H	335.0	23.6
19725.740625	50.89	82.23	31.34	5000.0	1000.000	183.0	V	352.0	24.1
19936.565625	51.21	82.23	31.02	5000.0	1000.000	372.0	V	160.0	24.5

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.

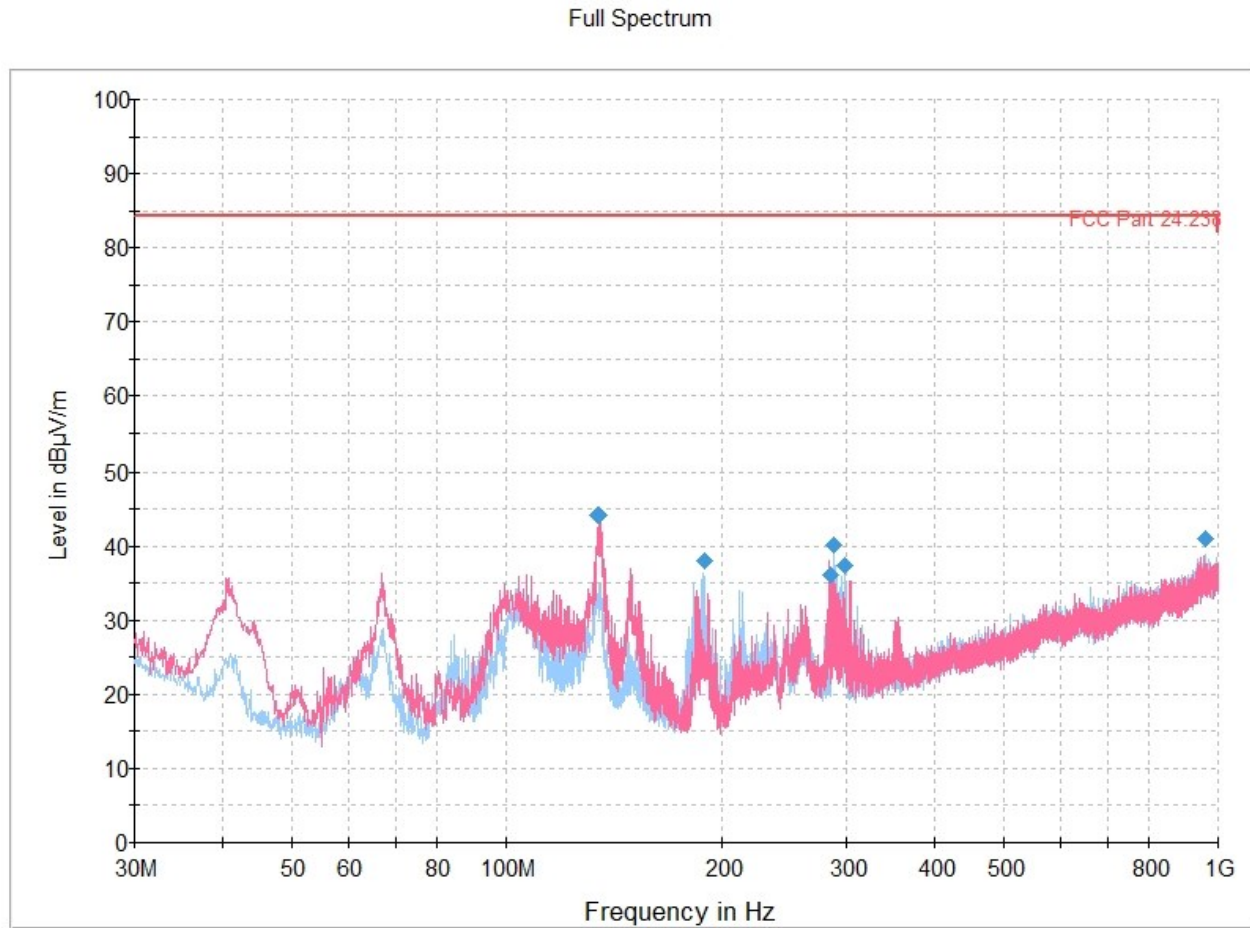


Figure 8.6-7: Radiated emissions spectral plot (30 MHz - 1 GHz) – 1995 MHz

Table 8.6-7: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
134.740833	44.26	84.38	40.12	5000.0	100.000	104.0	V	154.0	18.7
189.497500	38.09	84.38	46.29	5000.0	100.000	104.0	H	109.0	16.2
285.160000	36.08	84.38	48.30	5000.0	100.000	115.0	V	249.0	20.9
288.355833	40.12	84.38	44.26	5000.0	100.000	111.0	H	268.0	20.9
297.952500	37.39	84.38	46.99	5000.0	100.000	117.0	H	274.0	21.0
958.633333	40.88	84.38	43.50	5000.0	100.000	241.0	H	11.0	35.7

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.

Full Spectrum

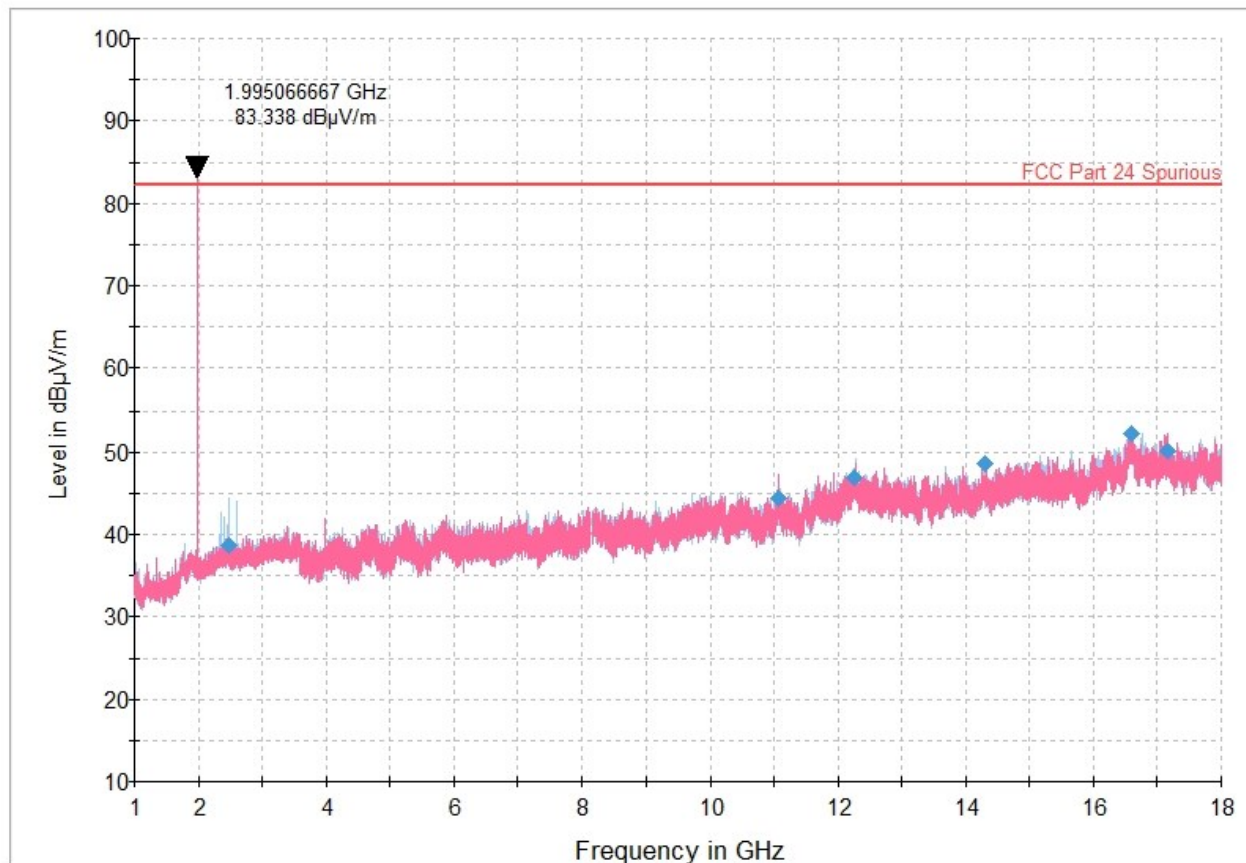


Figure 8.6-8: Radiated emissions spectral plot (1 GHz - 18 GHz) – 1995 MHz

Table 8.6-8: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2468.133333	38.63	82.23	43.60	100.0	1000.000	245.0	H	255.0	-8.4
11074.800000	44.31	82.23	37.92	100.0	1000.000	157.0	V	224.0	5.4
12260.966667	46.91	82.23	35.32	100.0	1000.000	264.0	H	215.0	8.8
14290.933333	48.59	82.23	33.64	100.0	1000.000	377.0	H	236.0	11.4
16581.966667	52.20	82.23	30.03	100.0	1000.000	271.0	H	176.0	17.3
17153.900000	50.06	82.23	32.17	100.0	1000.000	331.0	V	329.0	16.6

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

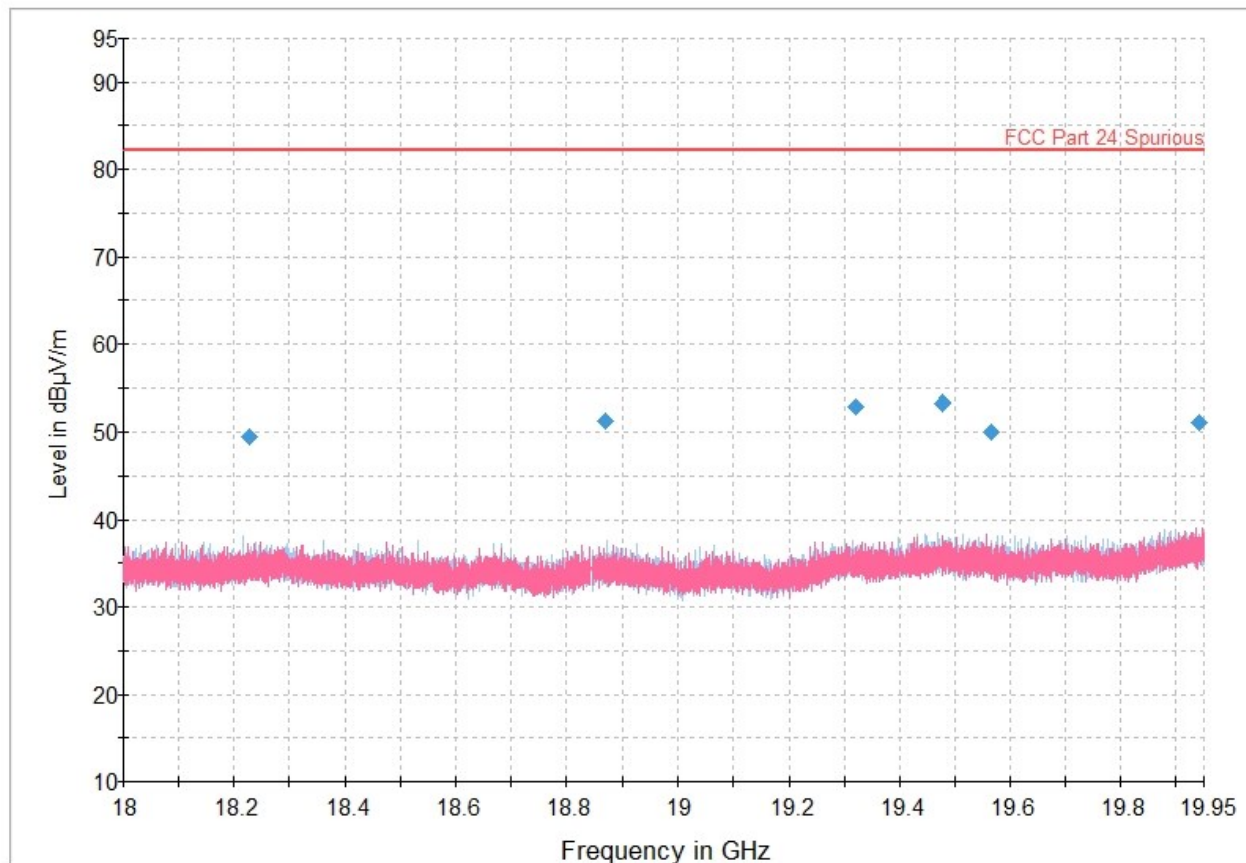


Figure 8.6-9: Radiated emissions spectral plot (18 GHz - 19.95 GHz) – 1995 MHz

Table 8.6-9: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18226.546875	49.49	82.23	32.74	5000.0	1000.000	110.0	H	0.0	23.4
18866.962500	51.32	82.23	30.91	5000.0	1000.000	100.0	H	224.0	22.3
19320.693750	53.00	82.23	29.23	5000.0	1000.000	100.0	H	0.0	23.6
19477.200000	53.28	82.23	28.95	5000.0	1000.000	100.0	H	21.0	23.6
19564.418750	50.09	82.23	32.14	5000.0	1000.000	154.0	V	100.0	23.7
19942.406250	51.09	82.23	31.14	5000.0	1000.000	372.0	V	347.0	24.5

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.

8.6.5.2 Operating frequency band: Band 70: 1995 – 2020 MHz

Full Spectrum

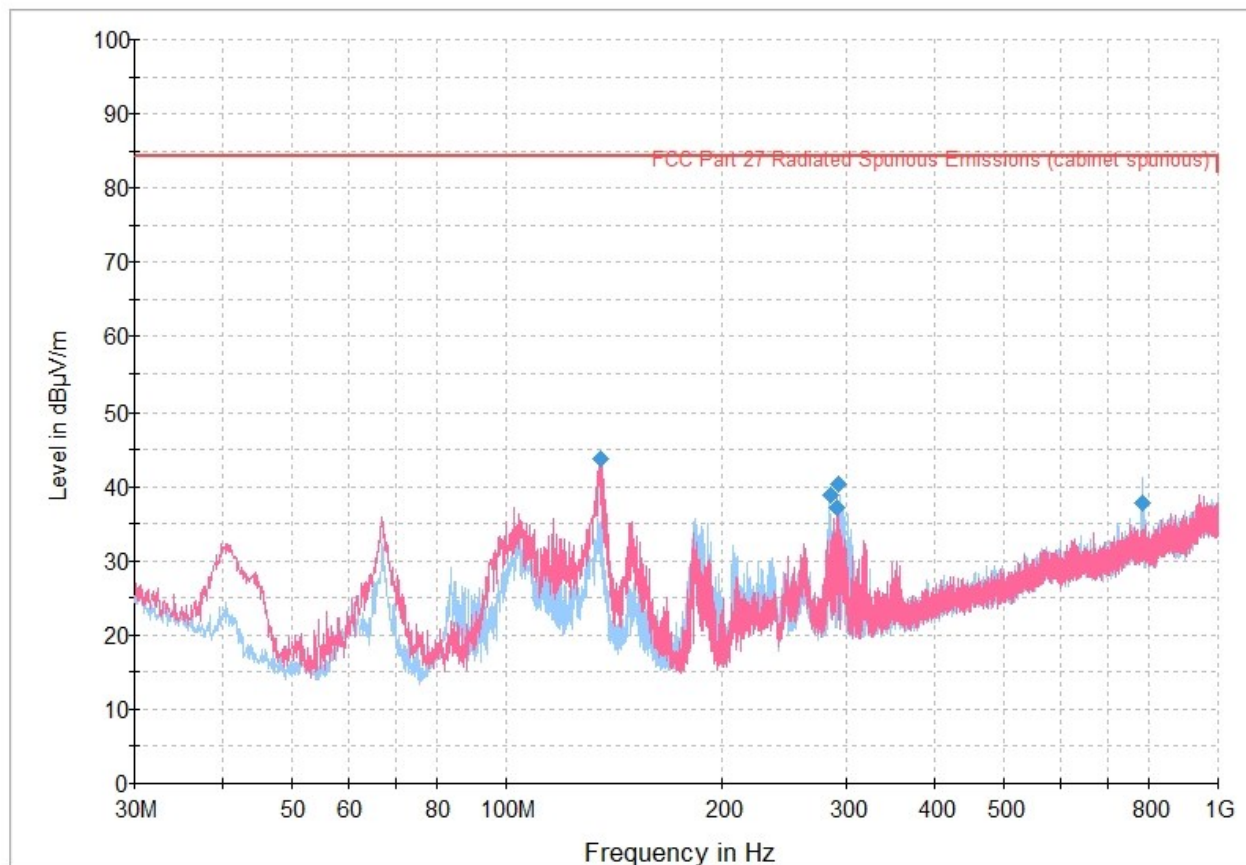


Figure 8.6-10: Radiated emissions spectral plot (30 MHz - 1 GHz) – 1995 MHz

Table 8.6-10: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
134.982500	43.73	84.38	40.65	5000.0	100.000	100.0	V	174.0	18.7
135.076667	43.82	84.38	40.56	5000.0	100.000	100.0	V	185.0	18.7
285.239167	38.94	84.38	45.44	5000.0	100.000	114.0	H	273.0	20.9
290.552500	37.21	84.38	47.17	5000.0	100.000	104.0	V	253.0	21.0
292.617500	40.42	84.38	43.96	5000.0	100.000	100.0	H	72.0	21.0
781.492500	37.76	84.38	46.62	5000.0	100.000	195.0	H	172.0	32.0

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

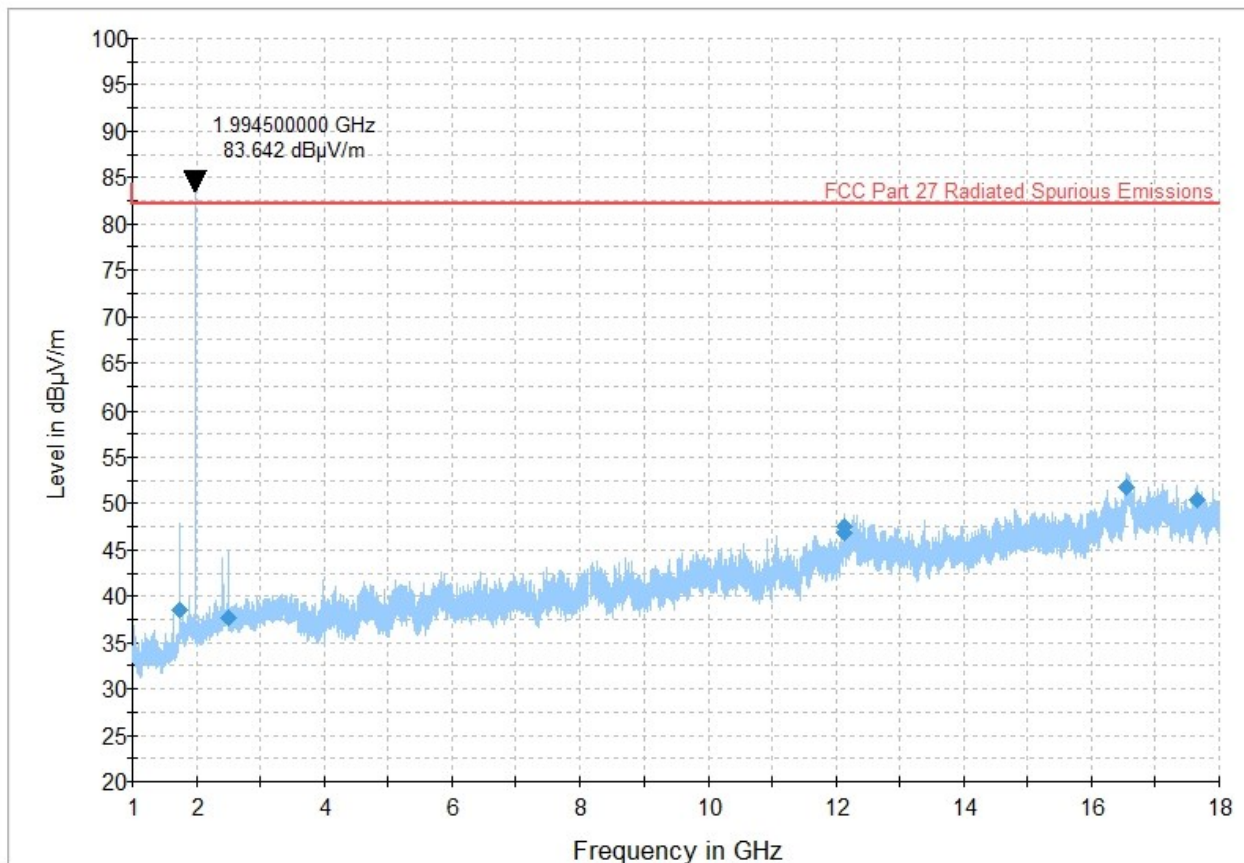


Figure 8.6-11: Radiated emissions spectral plot (1 GHz - 18 GHz) – 1995 MHz

Table 8.6-11: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1728.366667	38.54	82.23	43.69	100.0	1000.000	354.0	H	0.0	-11.7
2503.166667	37.62	82.23	44.61	100.0	1000.000	211.0	V	211.0	-8.5
12127.566667	47.51	82.23	34.72	100.0	1000.000	368.0	V	211.0	8.2
12128.766667	46.75	82.23	35.48	100.0	1000.000	180.0	V	137.0	8.2
16554.966667	51.71	82.23	30.52	100.0	1000.000	372.0	H	236.0	17.1
17662.233333	50.43	82.23	31.80	100.0	1000.000	400.0	V	254.0	15.7

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.

Full Spectrum

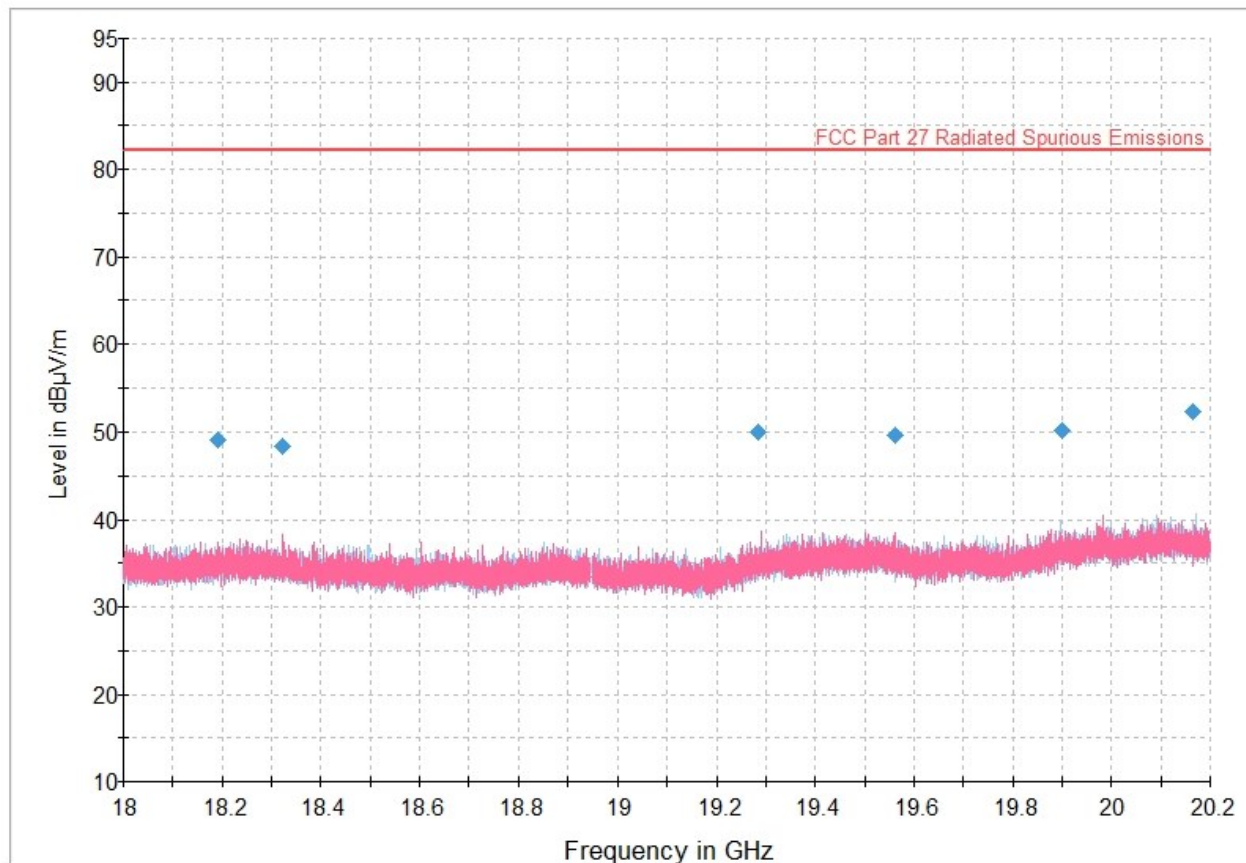


Figure 8.6-12: Radiated emissions spectral plot (18 GHz - 20.2 GHz) – 1995 MHz

Table 8.6-12: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18193.150000	49.14	82.23	33.09	5000.0	1000.000	254.0	V	99.0	23.6
18322.375000	48.51	82.23	33.72	5000.0	1000.000	189.0	V	35.0	23.0
19282.725000	50.14	82.23	32.09	5000.0	1000.000	310.0	V	342.0	23.4
19561.962500	49.65	82.23	32.58	5000.0	1000.000	179.0	V	229.0	23.7
19900.212500	50.24	82.23	31.99	5000.0	1000.000	291.0	H	135.0	24.3
20164.437500	52.40	82.23	29.83	5000.0	1000.000	152.0	H	201.0	25.4

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

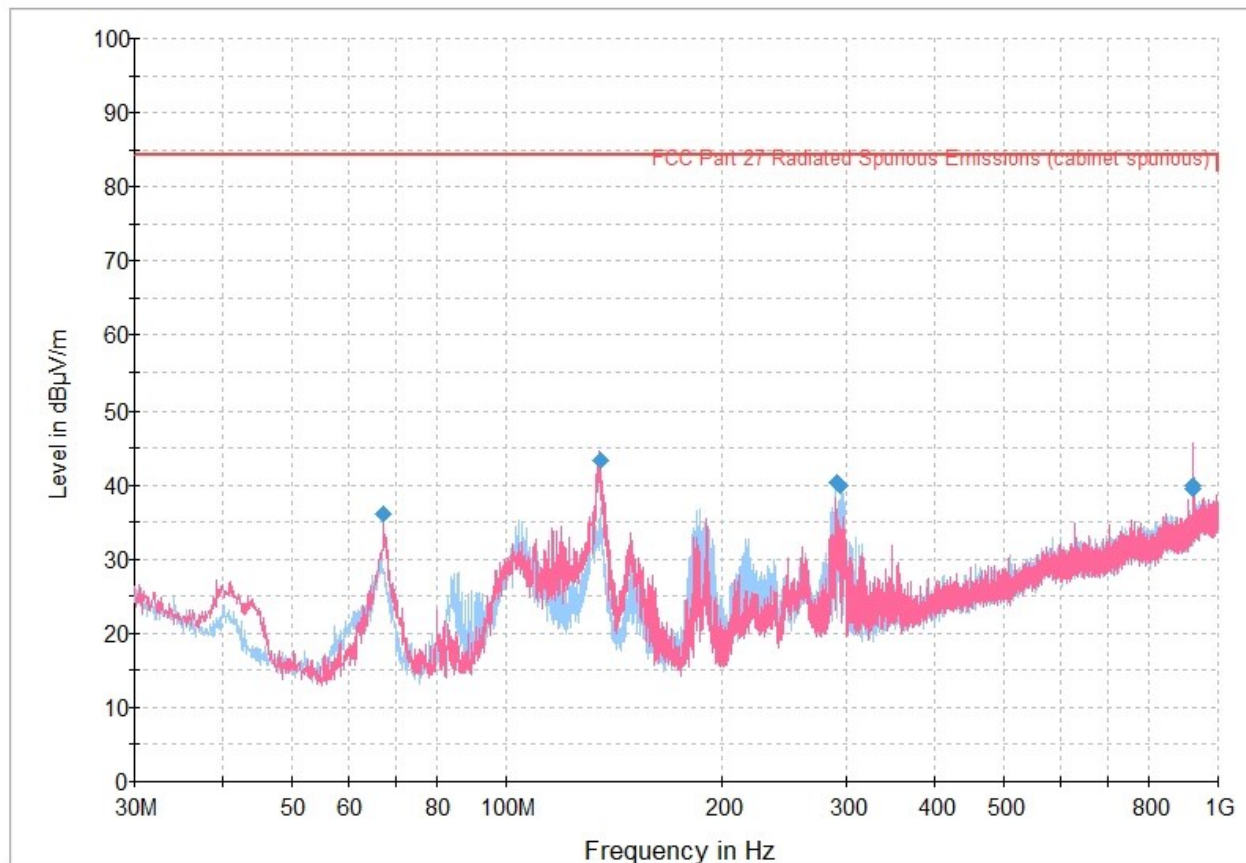


Figure 8.6-13: Radiated emissions spectral plot (30 MHz - 1 GHz) – 2007.5 MHz

Table 8.6-13: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
67.044167	36.18	84.38	48.20	5000.0	100.000	141.0	V	353.0	12.6
134.940000	43.30	84.38	41.08	5000.0	100.000	100.0	V	145.0	18.7
290.051667	40.24	84.38	44.14	5000.0	100.000	104.0	H	273.0	21.0
293.629167	39.87	84.38	44.51	5000.0	100.000	111.0	H	70.0	21.0
922.784167	39.92	84.38	44.46	5000.0	100.000	223.0	V	0.0	34.3
922.974167	39.54	84.38	44.84	5000.0	100.000	283.0	V	111.0	34.3

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.

Full Spectrum

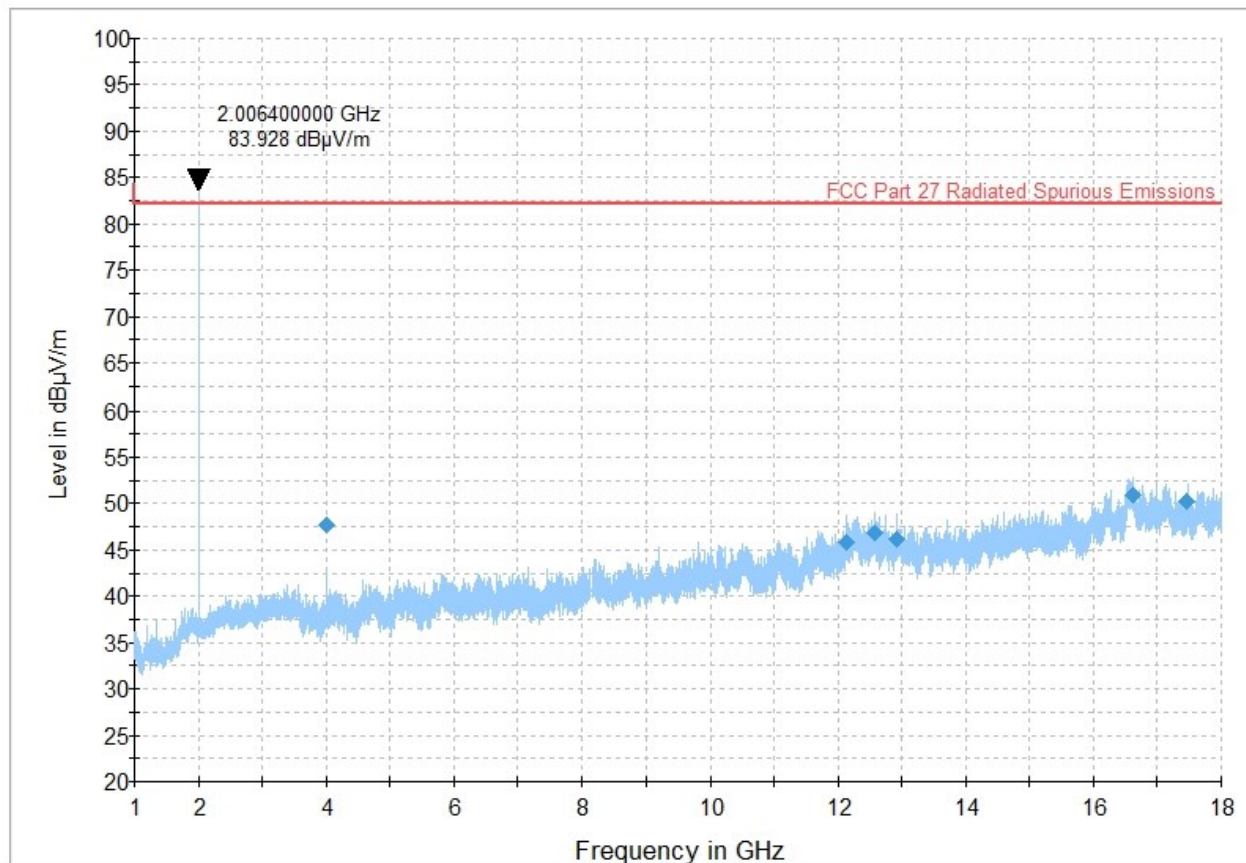


Figure 8.6-14: Radiated emissions spectral plot (1 GHz - 18 GHz) – 2007.5 MHz

Table 8.6-14: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4012.800000	47.71	82.23	34.52	100.0	1000.000	104.0	V	119.0	-2.9
12136.566667	45.85	82.23	36.38	100.0	1000.000	397.0	H	219.0	8.3
12570.633333	46.90	82.23	35.33	100.0	1000.000	145.0	H	260.0	9.3
12914.066667	46.20	82.23	36.03	100.0	1000.000	194.0	V	348.0	8.9
16628.800000	50.96	82.23	31.27	100.0	1000.000	321.0	H	334.0	16.6
17467.533333	50.20	82.23	32.03	100.0	1000.000	200.0	H	351.0	14.8

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

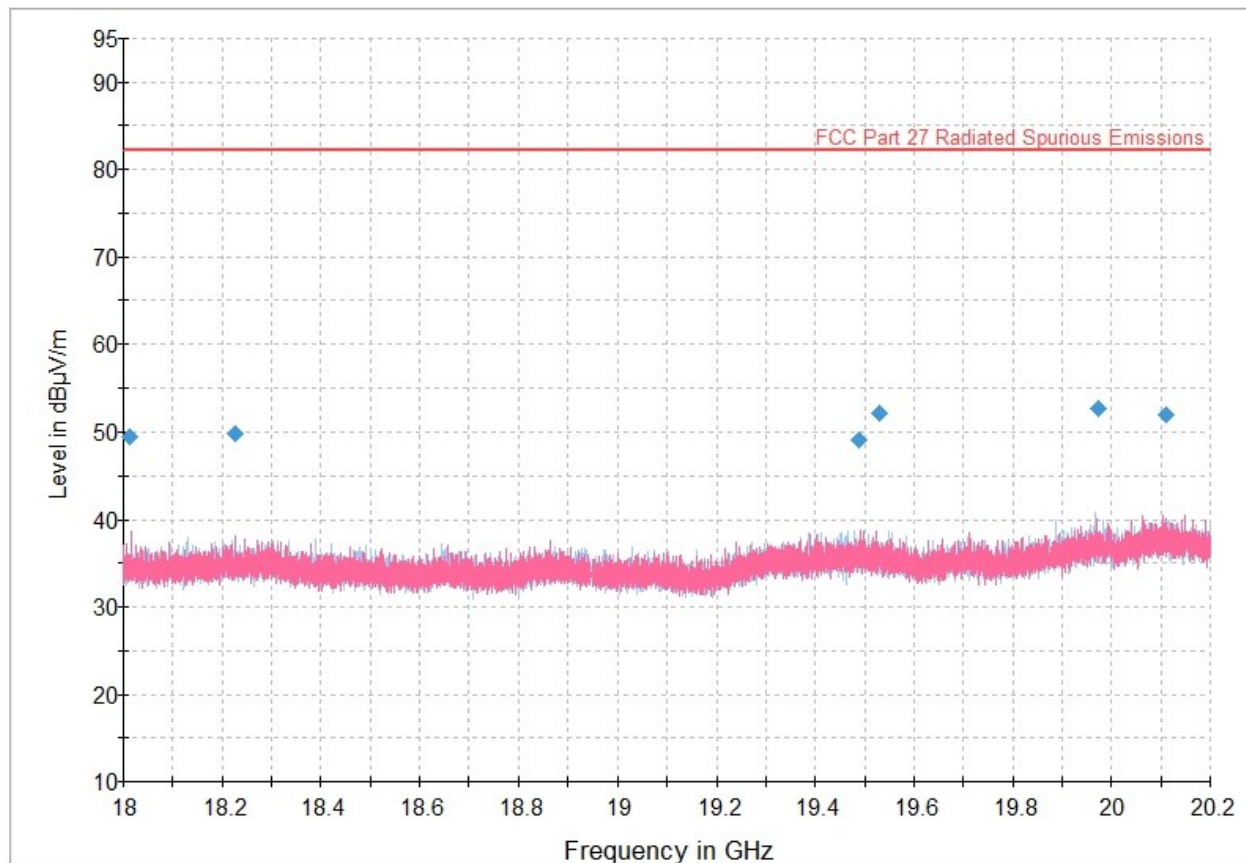


Figure 8.6-15: Radiated emissions spectral plot (18 GHz - 20.2 GHz) – 2007.5 MHz

Table 8.6-15: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18012.000000	49.56	82.23	32.67	5000.0	1000.000	213.0	V	84.0	23.7
18227.437500	49.93	82.23	32.30	5000.0	1000.000	180.0	V	0.0	23.4
19488.837500	49.17	82.23	33.06	5000.0	1000.000	126.0	H	315.0	23.6
19530.562500	52.19	82.23	30.04	5000.0	1000.000	100.0	V	320.0	23.6
19974.037500	52.83	82.23	29.40	5000.0	1000.000	104.0	H	317.0	24.7
20109.087500	52.06	82.23	30.17	5000.0	1000.000	116.0	V	60.0	25.4

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.

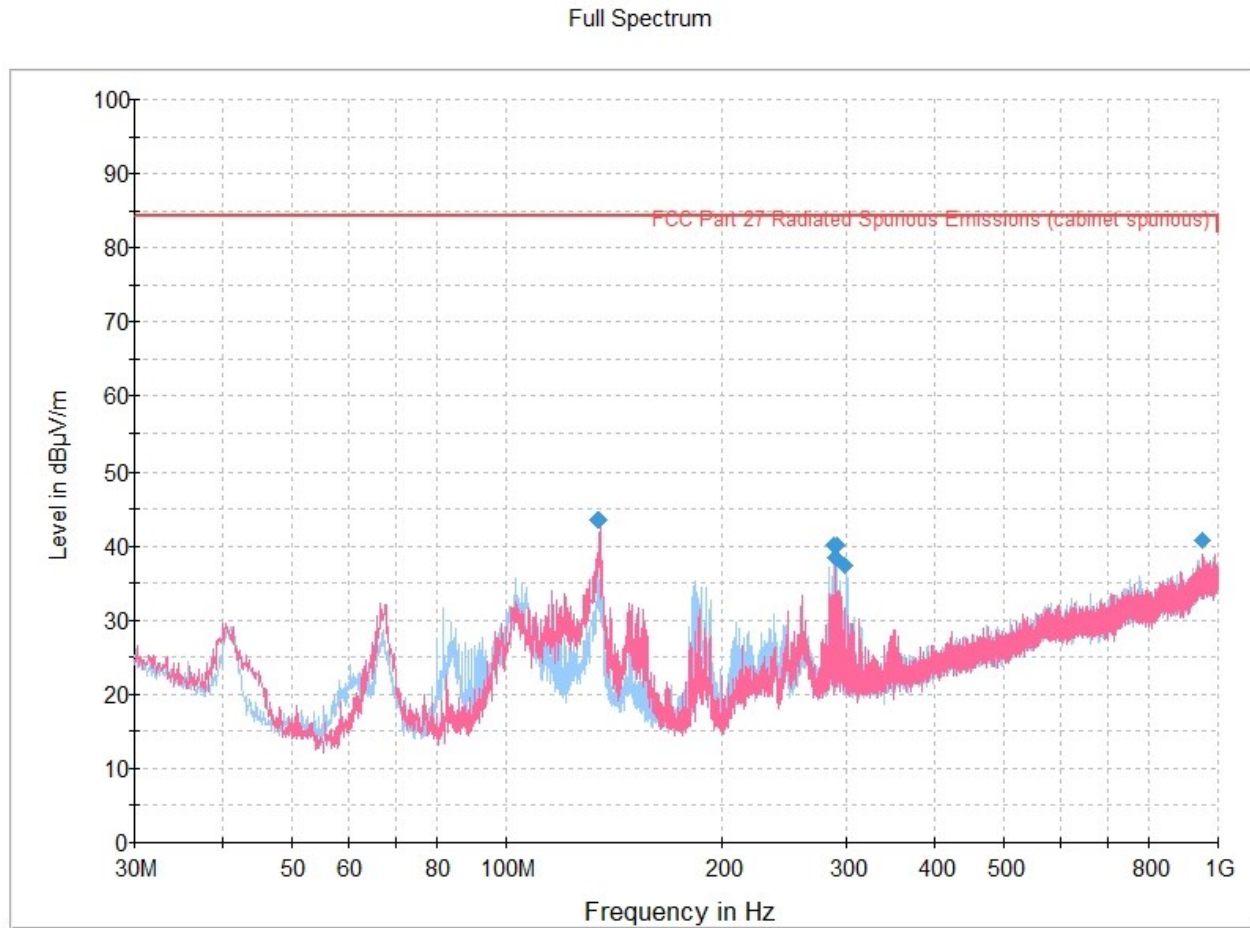


Figure 8.6-16: Radiated emissions spectral plot (30 MHz - 1 GHz) – 2020 MHz

Table 8.6-16: Radiated emissions results

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
134.785000	43.48	84.38	40.90	5000.0	100.000	100.0	V	148.0	18.7
288.551667	40.03	84.38	44.35	5000.0	100.000	114.0	H	281.0	21.0
289.252500	38.48	84.38	45.90	5000.0	100.000	100.0	V	263.0	21.0
290.546667	40.23	84.38	44.15	5000.0	100.000	100.0	H	83.0	21.0
298.357500	37.43	84.38	46.95	5000.0	100.000	118.0	H	70.0	21.0
949.464167	40.83	84.38	43.55	5000.0	100.000	192.0	V	122.0	35.7

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.

Full Spectrum

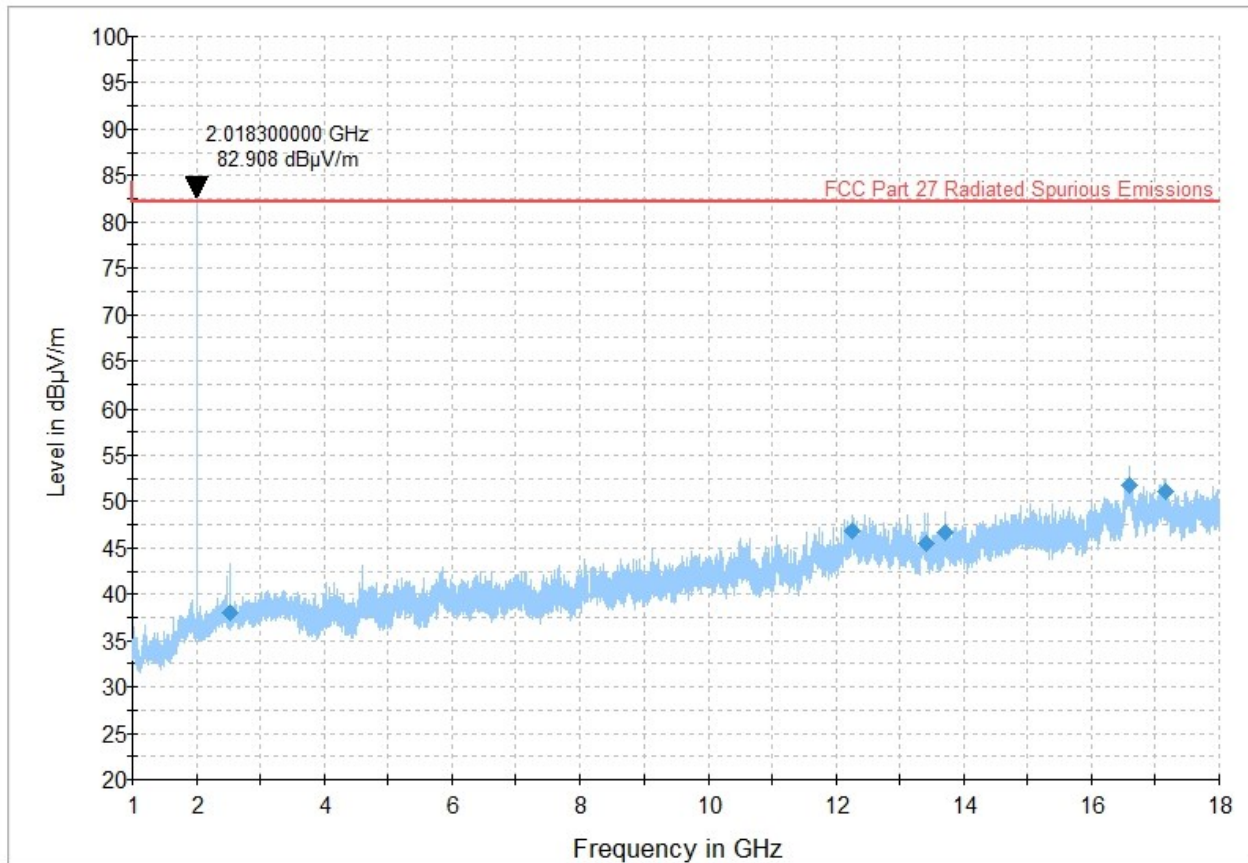


Figure 8.6-17: Radiated emissions spectral plot (1 GHz - 18 GHz) – 2020 MHz

Table 8.6-17: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2541.433333	37.98	82.23	44.25	100.0	1000.000	184.0	V	0.0	-8.5
12253.666667	46.87	82.23	35.36	100.0	1000.000	275.0	H	220.0	8.9
13402.100000	45.45	82.23	36.78	100.0	1000.000	400.0	V	162.0	9.9
13706.133333	46.60	82.23	35.63	100.0	1000.000	400.0	V	325.0	11.3
16584.700000	51.75	82.23	30.48	100.0	1000.000	400.0	H	134.0	17.3
17149.833333	51.13	82.23	31.10	100.0	1000.000	145.0	V	327.0	16.7

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.

### Full Spectrum

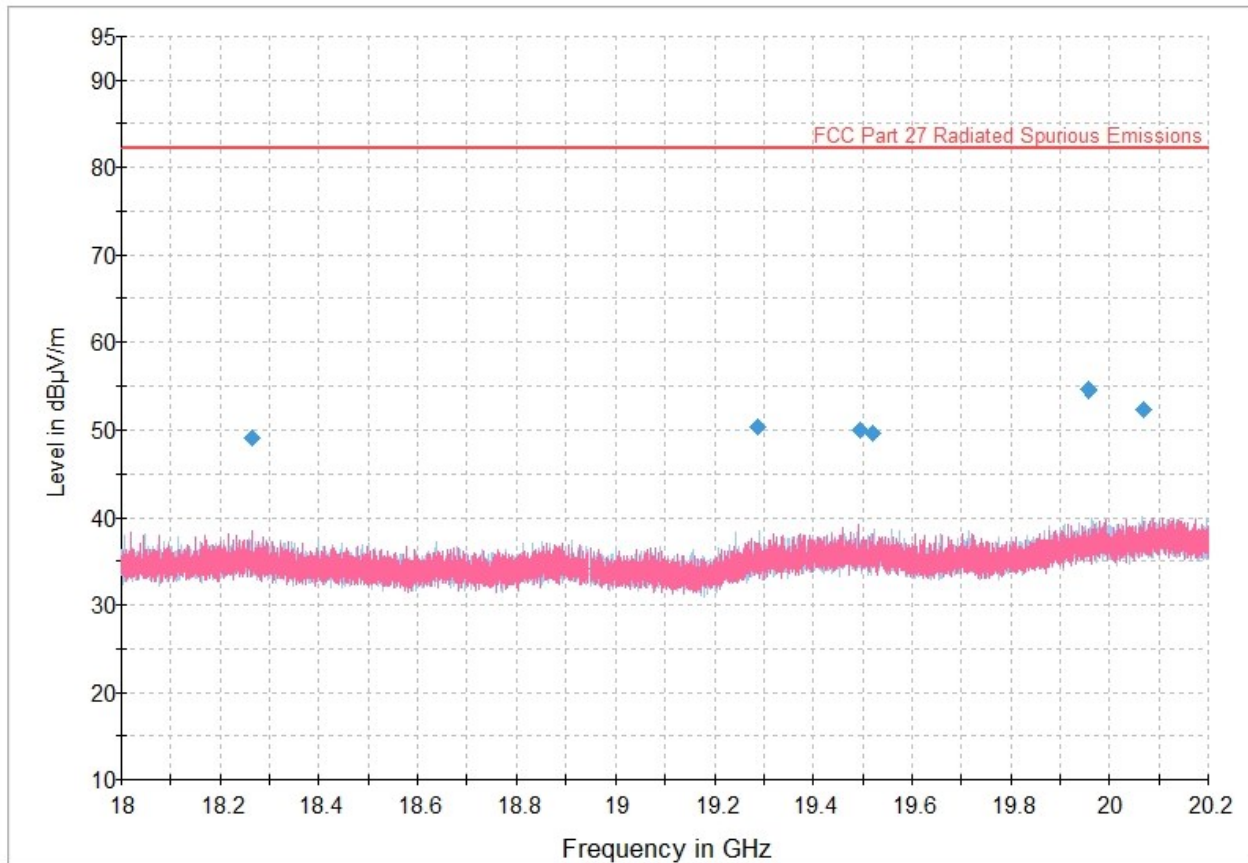


Figure 8.6-18: Radiated emissions spectral plot (18 GHz - 20.2 GHz) – 2020 MHz

Table 8.6-18: Radiated emissions results

Frequency (MHz)	MaxPeak (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18264.750000	49.24	82.23	32.99	5000.0	1000.000	111.0	V	87.0	23.2
19287.450000	50.50	82.23	31.73	5000.0	1000.000	364.0	H	70.0	23.4
19492.775000	50.08	82.23	32.15	5000.0	1000.000	107.0	V	47.0	23.6
19519.587500	49.71	82.23	32.52	5000.0	1000.000	100.0	H	139.0	23.6
19956.925000	54.57	82.23	27.66	5000.0	1000.000	100.0	H	146.0	24.6
20070.137500	52.49	82.23	29.74	5000.0	1000.000	256.0	H	212.0	25.2

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

End of test report