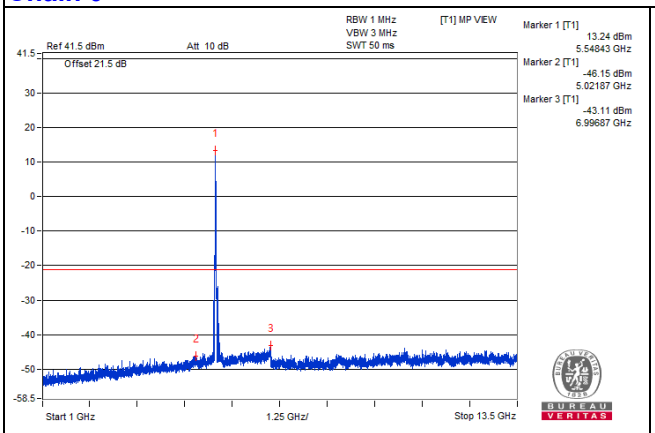
Channel 110

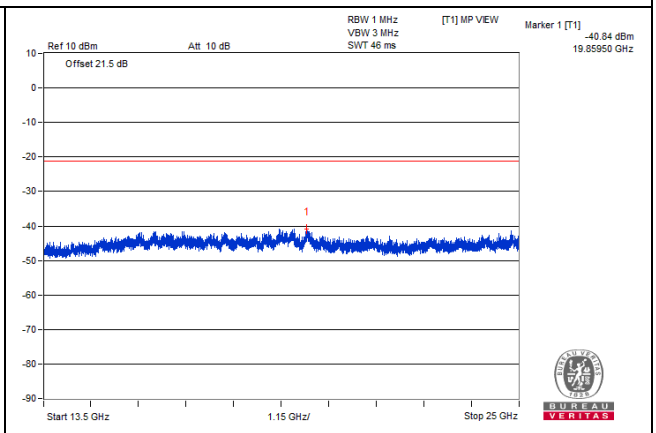
Conducted spurious emission table

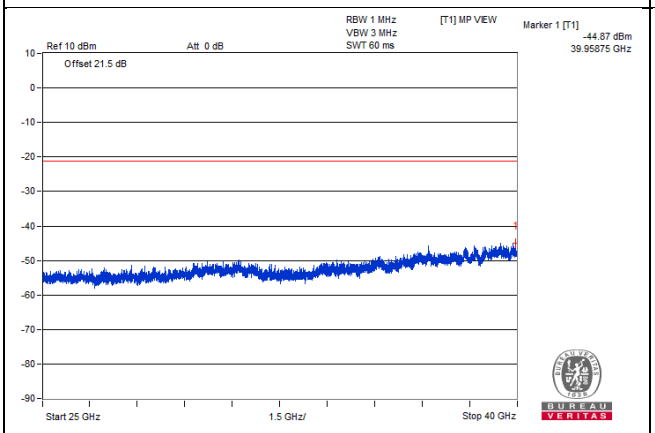
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1345.31 PK	54.33	74	-19.67	-53	-51.38	8.17	-40.93
2	1339.06 AV	43.23	54	-10.77	-63.15	-63.28	8.17	-52.03
3	7393.75 PK	58.69	74	-15.31	-49.12	-46.71	8.17	-36.57
4	7390.62 AV	47.2	54	-6.8	-59.16	-59.32	8.17	-48.06
5	11104.68 PK	60.63	74	-13.37	-44.81	-47.1	8.17	-34.63
6	11090.62 AV	48.64	54	-5.36	-57.83	-57.78	8.17	-46.62
7	16655.31 PK	61.89	68.2	-6.31	-44.12	-45.02	8.17	-33.37

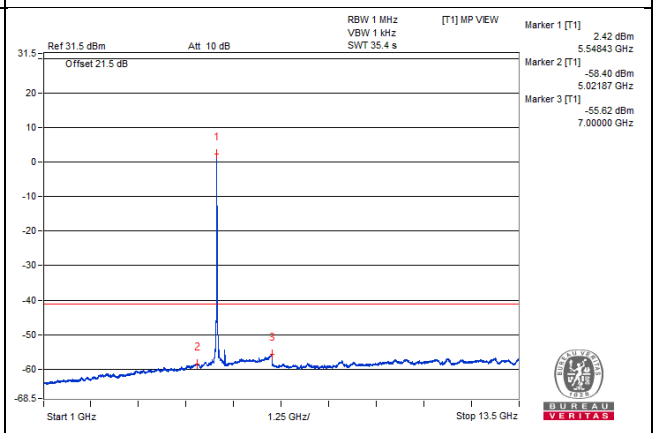
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

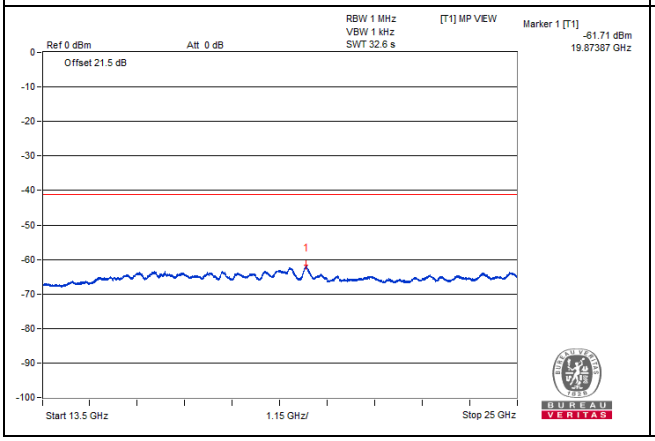
Chain 0

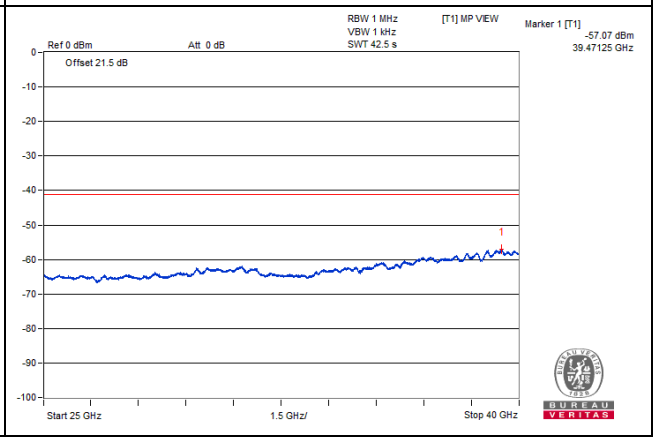

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
13.24 dBm
5.54843 GHz
Marker 2 [T1]
-46.15 dBm
5.02187 GHz
Marker 3 [T1]
-43.11 dBm
6.99687 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.84 dBm
19.85950 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

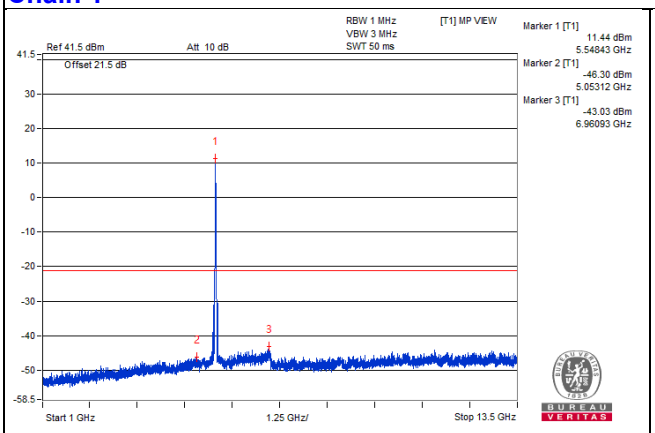

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.87 dBm
39.95875 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

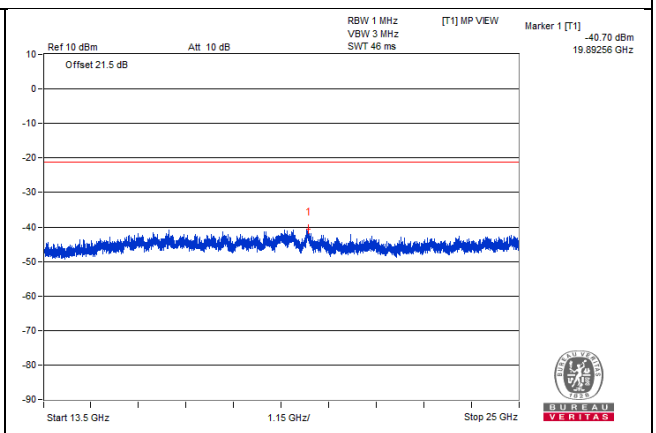

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
2.42 dBm
5.54843 GHz
Marker 2 [T1]
-58.40 dBm
5.02187 GHz
Marker 3 [T1]
-55.62 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

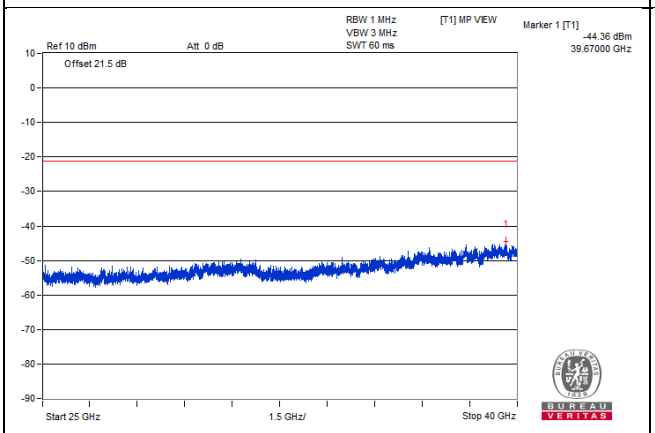

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.71 dBm
19.87387 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

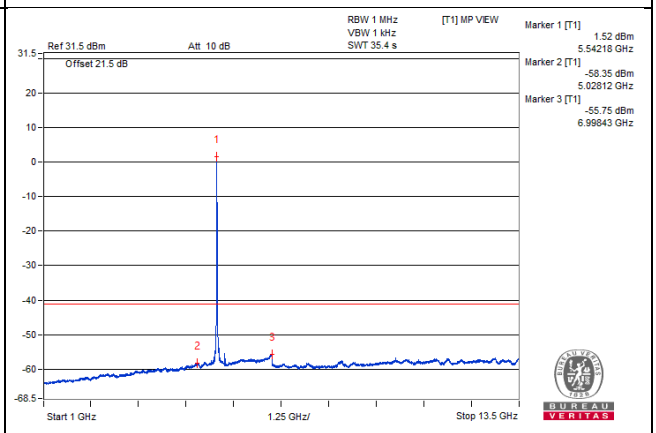

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-57.07 dBm
39.47125 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

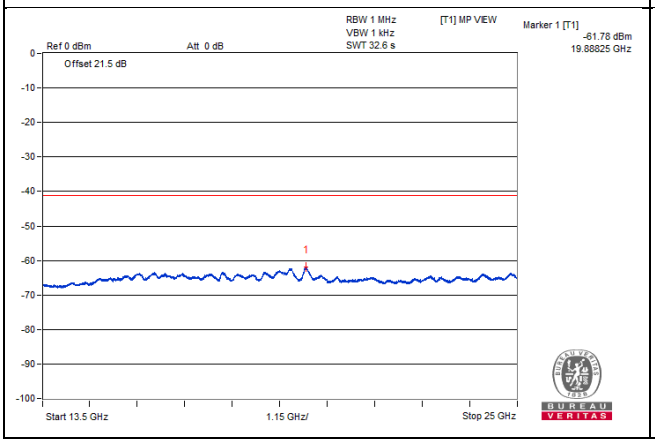
Chain 1

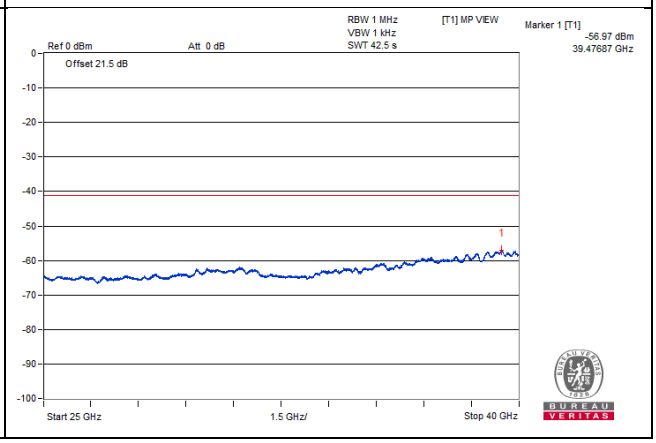

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
11.44 dBm
5.54843 GHz
Marker 2 [T1]
-46.30 dBm
5.05312 GHz
Marker 3 [T1]
-43.03 dBm
6.96093 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.70 dBm
19.89256 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.36 dBm
39.67000 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
1.52 dBm
5.54218 GHz
Marker 2 [T1]
-58.35 dBm
5.02812 GHz
Marker 3 [T1]
-55.75 dBm
6.99843 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.78 dBm
19.88825 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

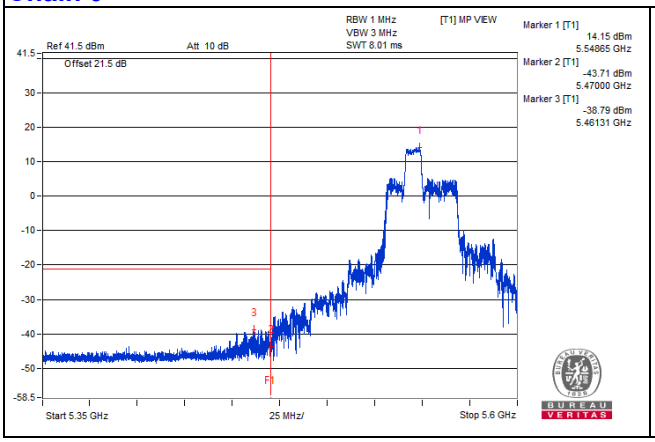

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.97 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

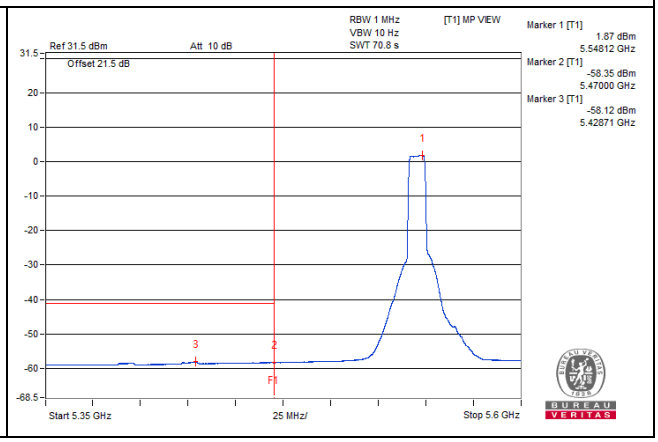
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5452.12 PK	64.76	74	-9.24	-39.88	-43.52	7.82	-30.5
2	5395.56 AV	47.76	54	-6.24	-58.42	-58.25	7.82	-47.5
3	5465.21 PK	66.22	68.2	-1.98	-38.89	-41.13	7.82	-29.04

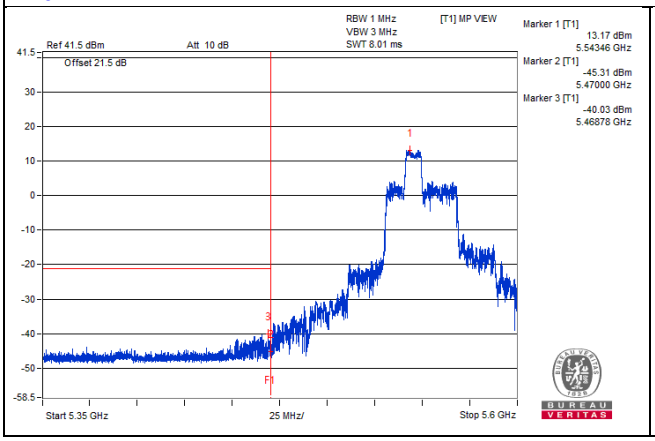
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

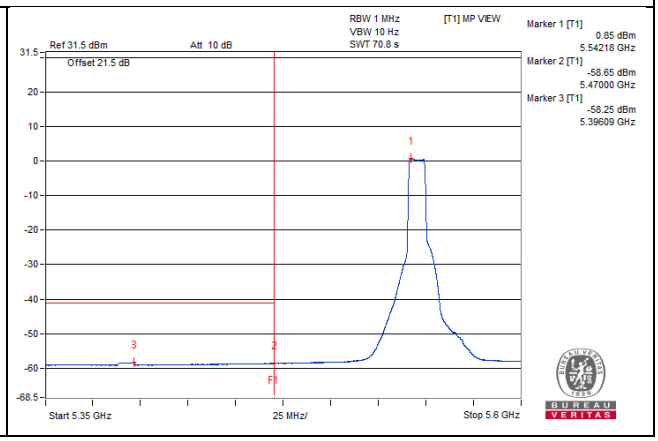
Chain 0





Chain 1





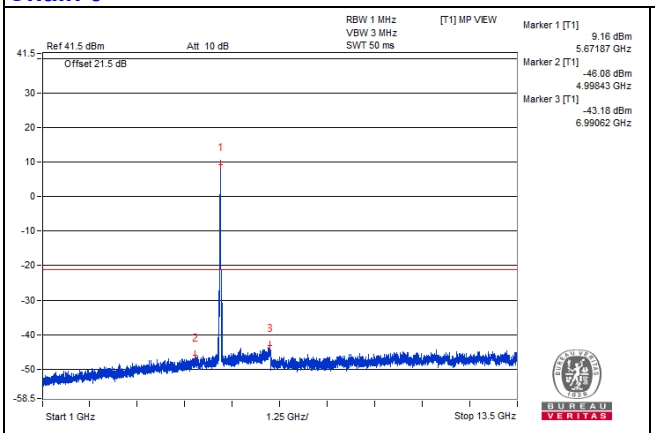
Channel 134

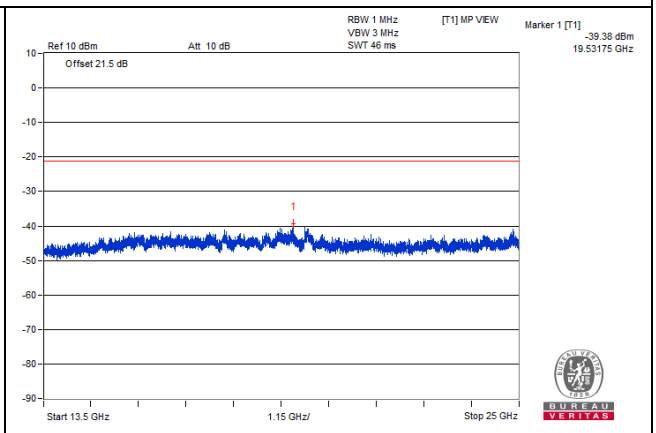
Conducted spurious emission table

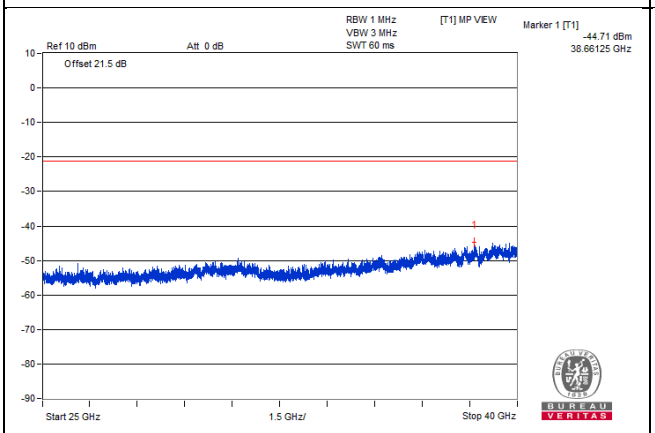
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1470.31 PK	54.7	74	-19.3	-51.55	-51.94	8.17	-40.56
2	1470.31 AV	43.14	54	-10.86	-63.25	-63.36	8.17	-52.12
3	7551.56 PK	59.07	74	-14.93	-46.96	-47.82	8.17	-36.19
4	7556.25 AV	47.46	54	-6.54	-58.96	-59	8.17	-47.8
5	11337.5 PK	60.96	74	-13.04	-45.4	-45.57	8.17	-34.3
6	11350 AV	49.42	54	-4.58	-56.9	-57.14	8.17	-45.84
7	17000.31 PK	62.28	68.2	-5.92	-44.93	-43.5	8.17	-32.98

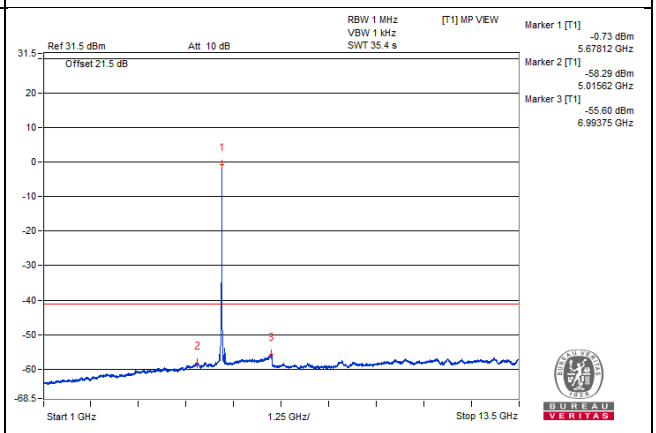
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

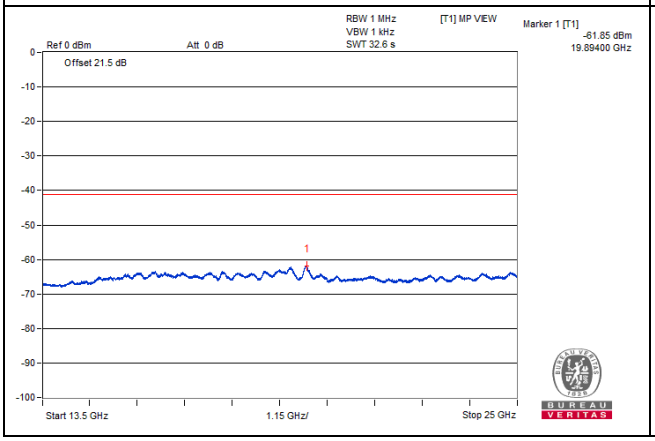
Chain 0

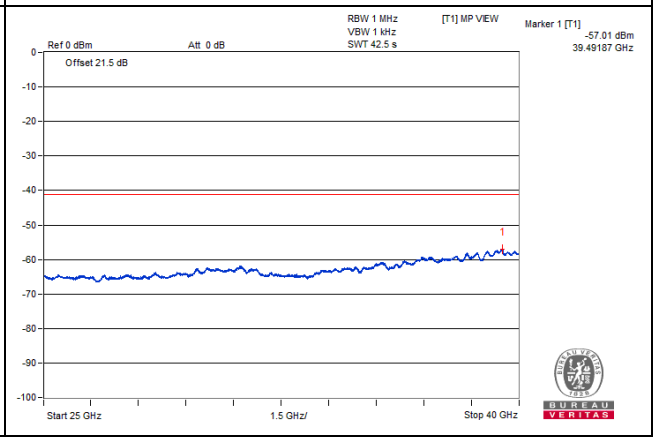

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
9.16 dBm
5.67187 GHz
Marker 2 [T1]
-46.08 dBm
4.99843 GHz
Marker 3 [T1]
-43.18 dBm
6.99062 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.38 dBm
19.53175 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

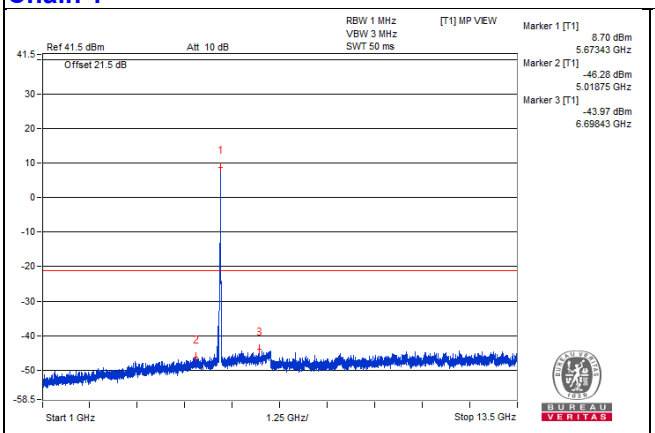

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.71 dBm
38.66125 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

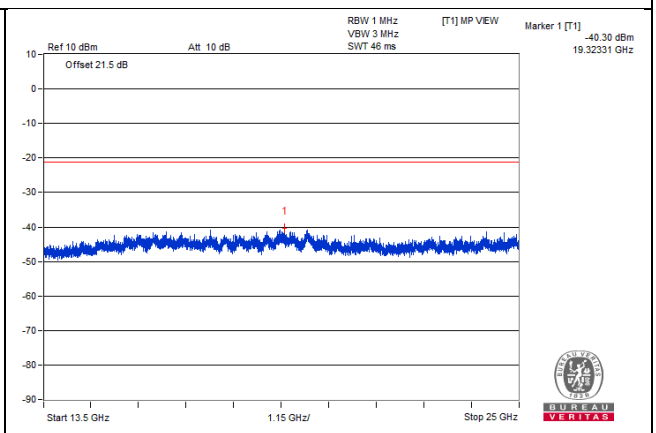

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-0.73 dBm
5.67812 GHz
Marker 2 [T1]
-58.29 dBm
5.01562 GHz
Marker 3 [T1]
-55.60 dBm
6.99375 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

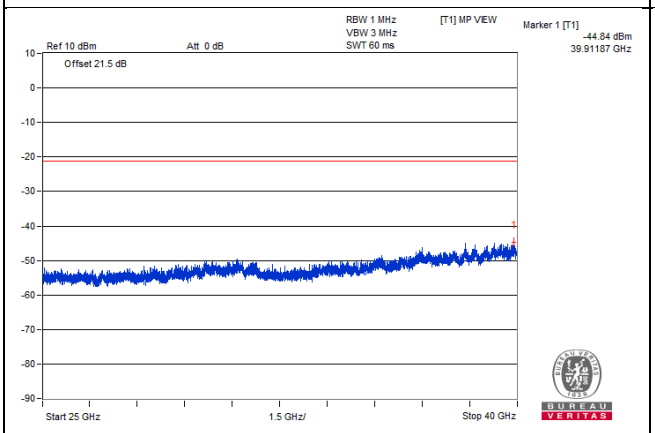

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.85 dBm
19.89400 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

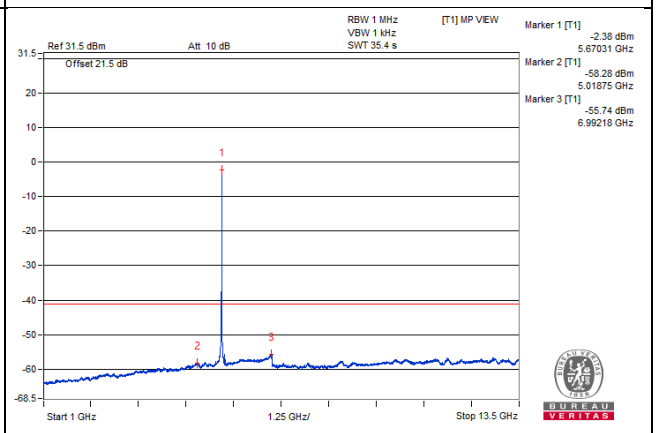

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-57.01 dBm
39.49187 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

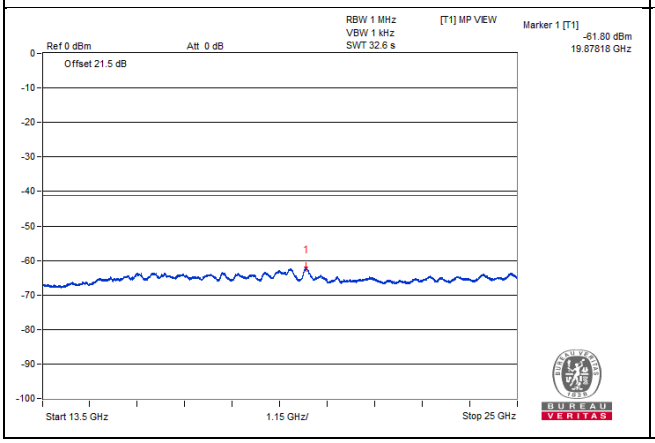
Chain 1

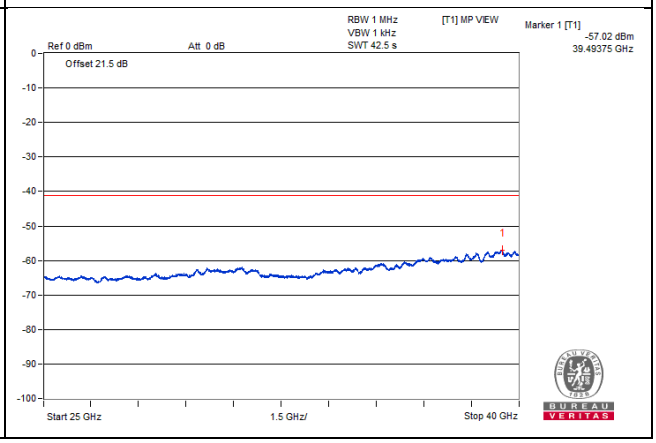

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
8.70 dBm
5.67343 GHz
Marker 2 [T1]
-46.28 dBm
5.01875 GHz
Marker 3 [T1]
-43.97 dBm
6.69843 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.30 dBm
19.32331 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.84 dBm
39.91187 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-2.38 dBm
5.67031 GHz
Marker 2 [T1]
-58.28 dBm
5.01875 GHz
Marker 3 [T1]
-55.74 dBm
6.99218 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.80 dBm
19.87818 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-57.02 dBm
39.49375 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

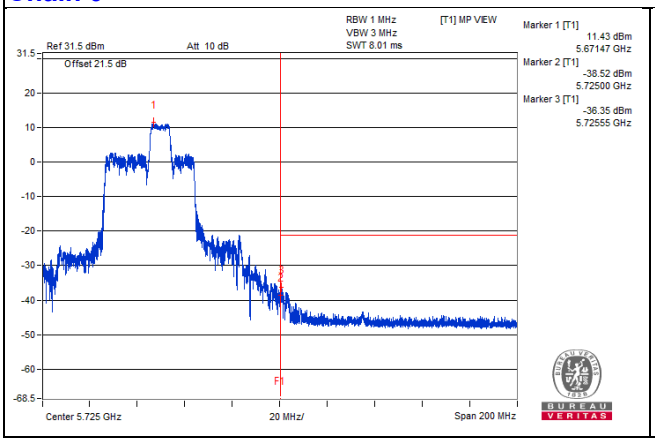
Bandedge table

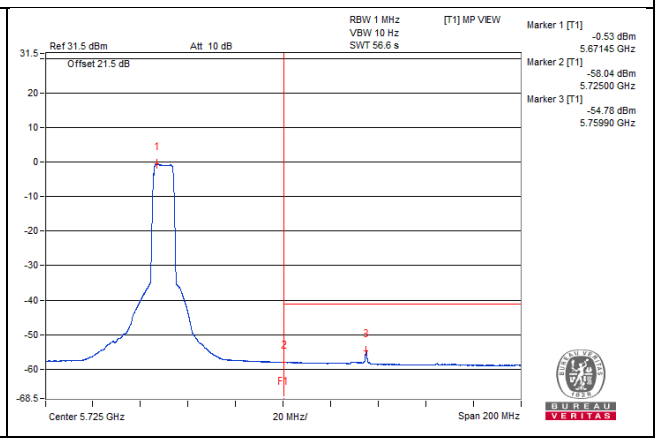
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5725.5 PK	70.9	68.2	*2.7	-39.62	-33.04	7.82	-24.36

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

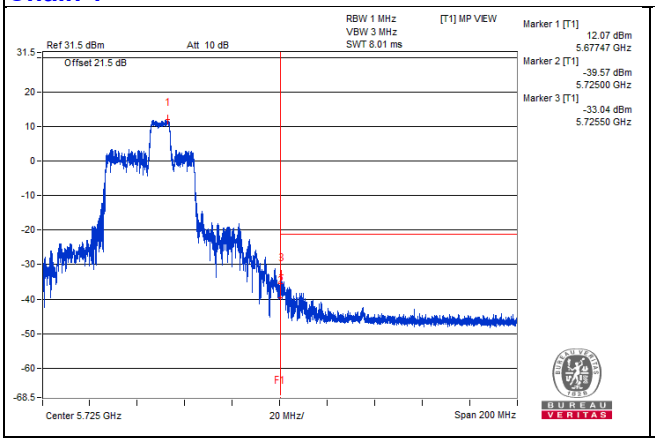
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

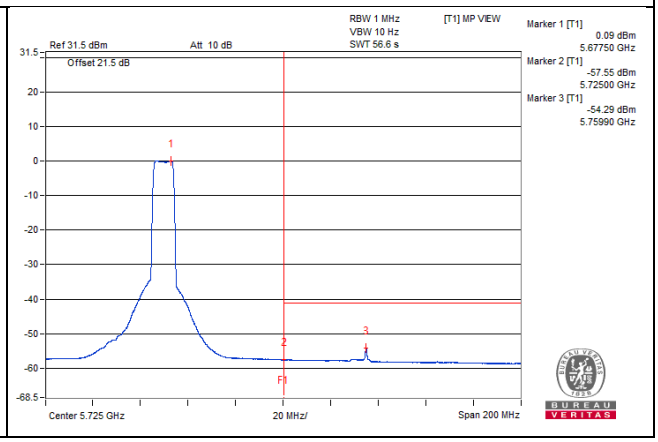
Chain 0





Chain 1





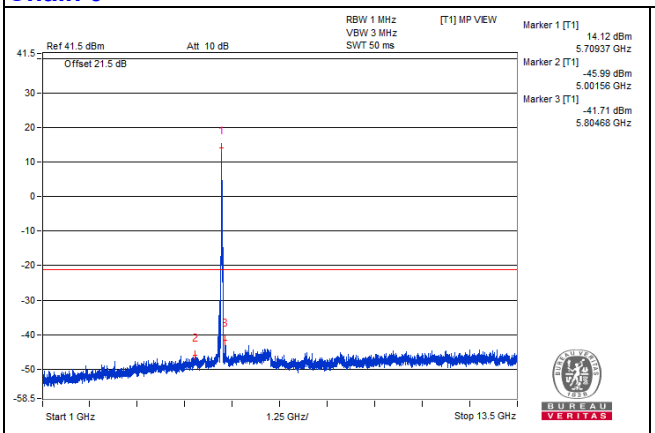
Channel 142

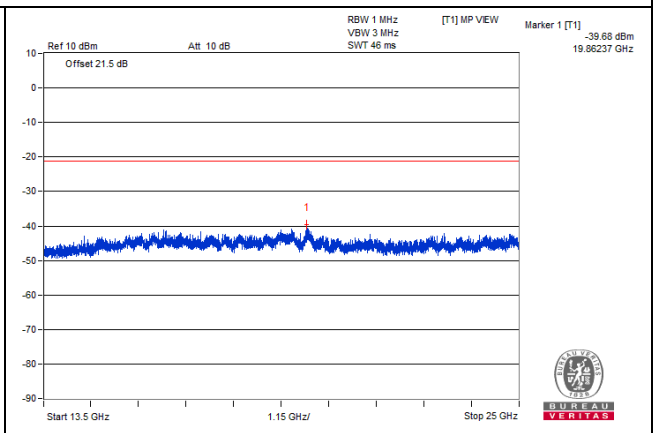
Conducted spurious emission table

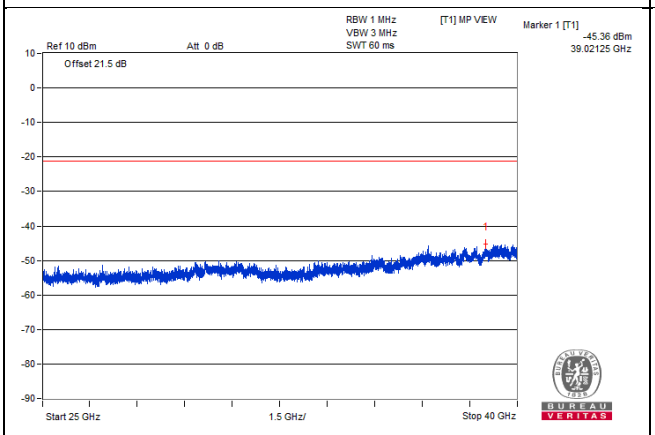
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1498.43 PK	55.2	74	-18.8	-51.38	-51.1	8.17	-40.06
2	1500 AV	43.43	54	-10.57	-62.79	-63.24	8.17	-51.83
3	7618.75 PK	58.82	74	-15.18	-48.28	-47.04	8.17	-36.44
4	7607.81 AV	47.42	54	-6.58	-59	-59.04	8.17	-47.84
5	11420.31 PK	59.94	74	-14.06	-46.33	-46.68	8.17	-35.32
6	11410.93 AV	48.67	54	-5.33	-57.47	-58.09	8.17	-46.59
7	17139.75 PK	62.57	68.2	-5.63	-44.47	-43.35	8.17	-32.69

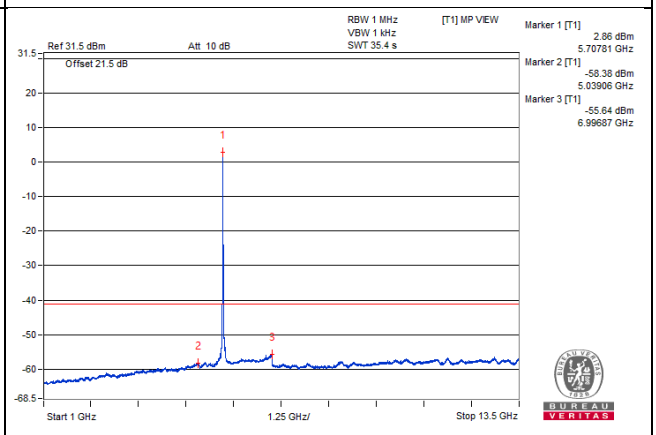
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

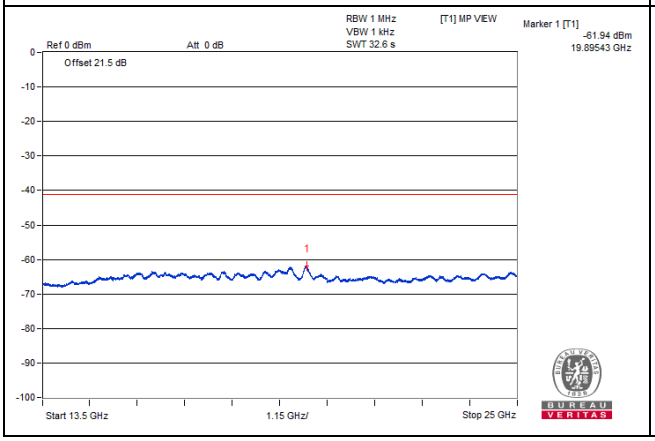
Chain 0

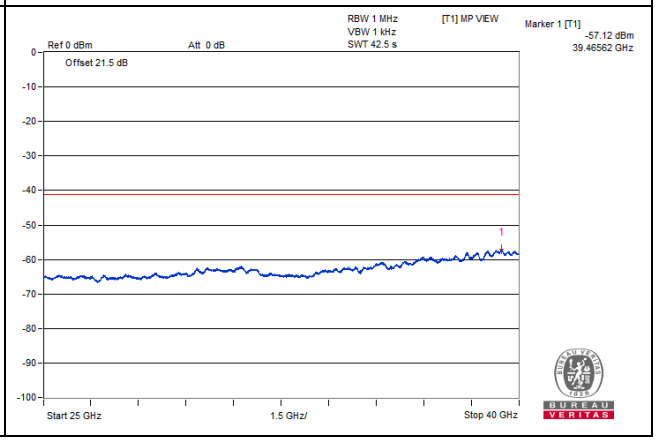

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
14.12 dBm
5.70937 GHz
Marker 2 [T1]
-45.99 dBm
5.00156 GHz
Marker 3 [T1]
-41.71 dBm
5.80468 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.68 dBm
19.86237 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

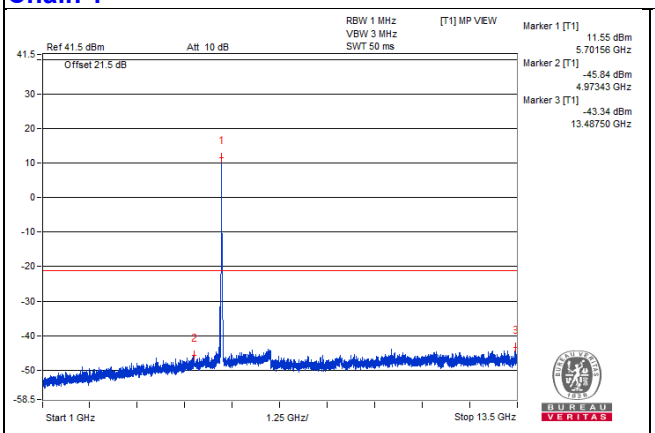

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-45.36 dBm
39.02125 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

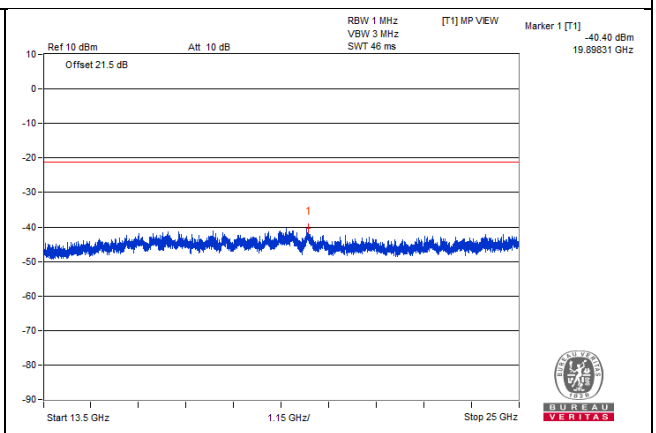

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
2.86 dBm
5.70781 GHz
Marker 2 [T1]
-58.38 dBm
5.03906 GHz
Marker 3 [T1]
-55.64 dBm
6.99687 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

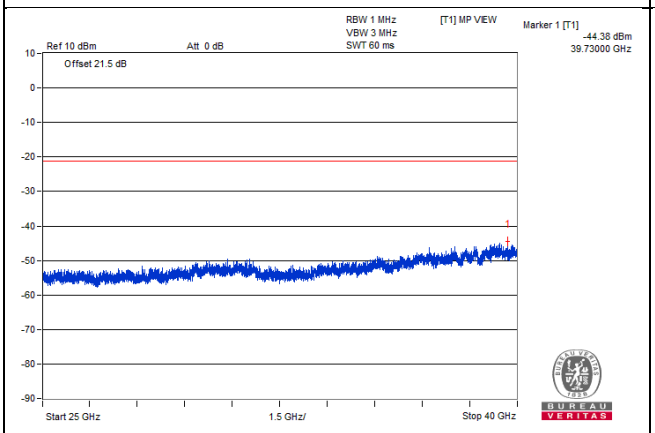

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.94 dBm
19.89543 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

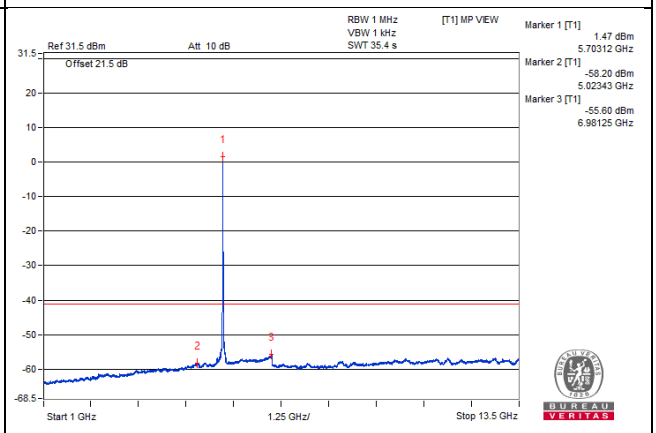

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-57.12 dBm
39.46562 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

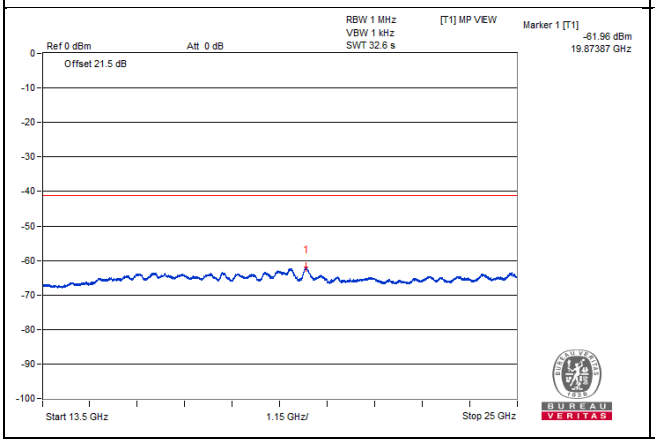
Chain 1

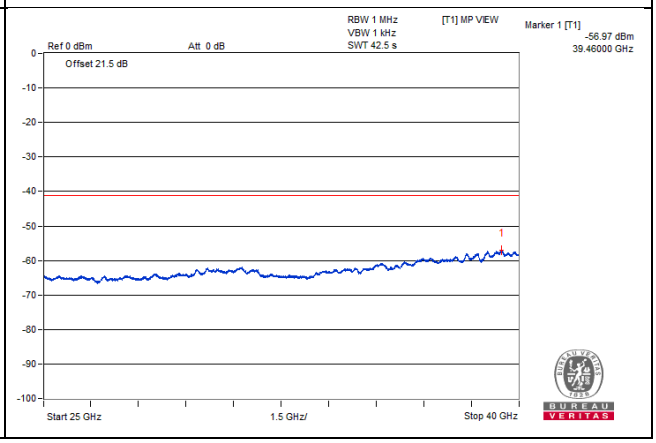

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
11.55 dBm
5.70156 GHz
Marker 2 [T1]
-45.84 dBm
4.97343 GHz
Marker 3 [T1]
-43.34 dBm
13.48750 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.40 dBm
19.89831 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.38 dBm
39.73000 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
1.47 dBm
5.70312 GHz
Marker 2 [T1]
-58.20 dBm
5.02343 GHz
Marker 3 [T1]
-55.60 dBm
6.98125 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.96 dBm
19.87387 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

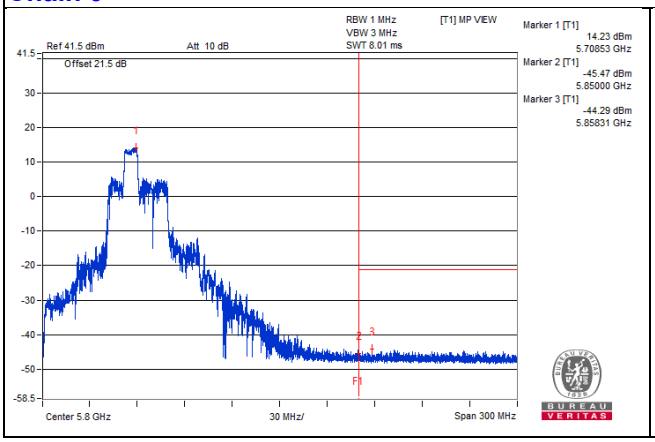

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.97 dBm
39.46000 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

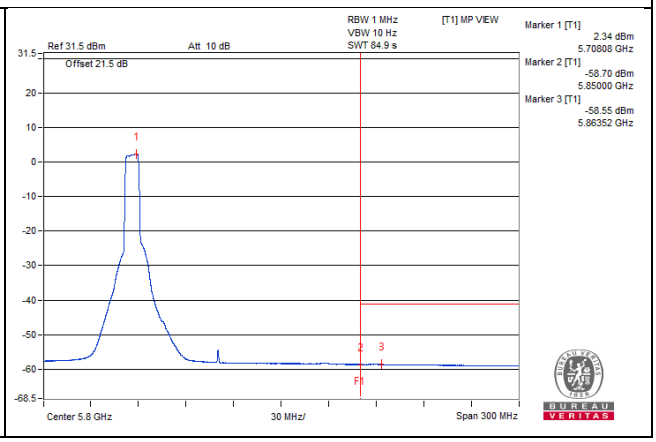
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5857.37 PK	61.17	68.2	-7.03	-45.99	-44.07	7.82	-34.09

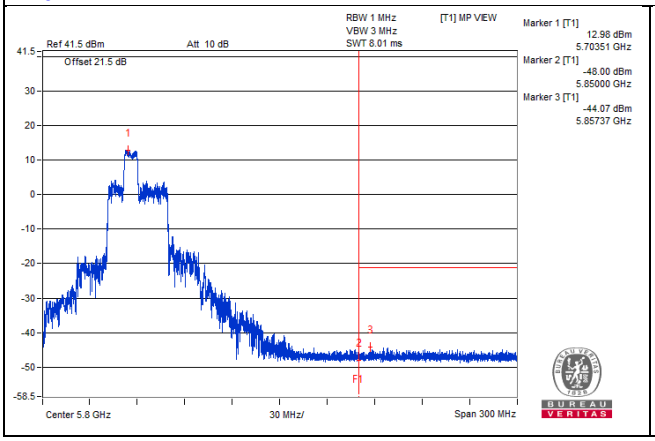
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

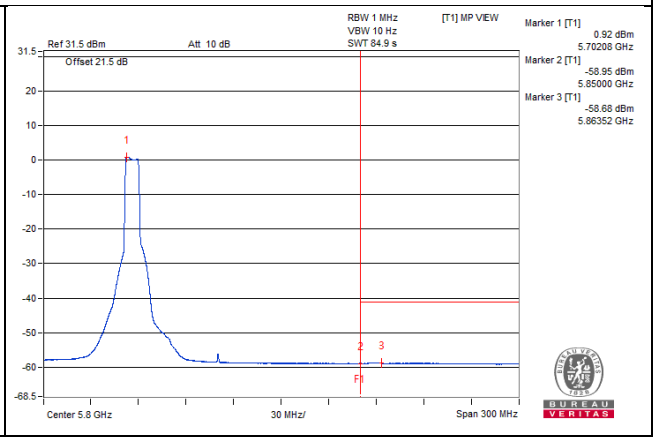
Chain 0





Chain 1





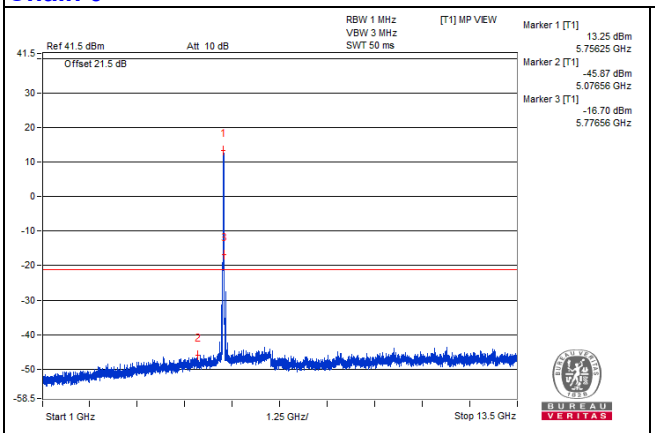
Channel 151

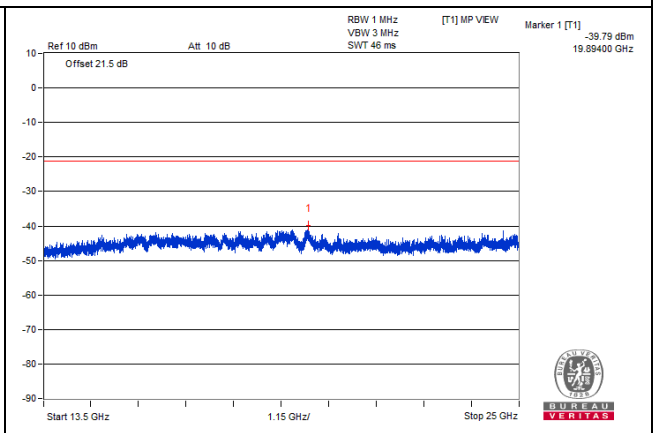
Conducted spurious emission table

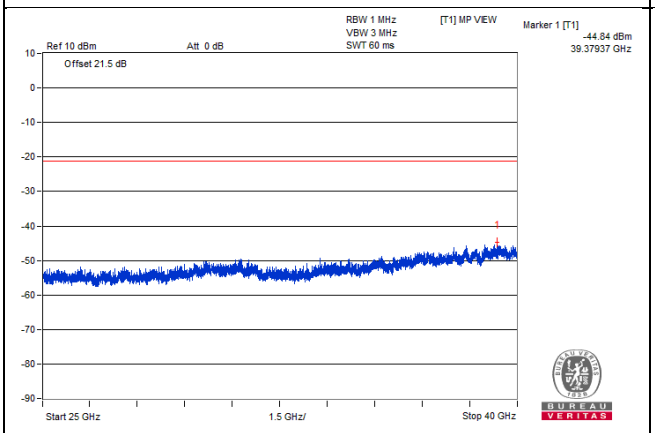
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1554.68 PK	55.19	74	-18.81	-50.91	-51.63	8.17	-40.07
2	1553.12 AV	43.46	54	-10.54	-62.83	-63.14	8.17	-51.8
3	7671.87 PK	58.93	74	-15.07	-48.49	-46.71	8.17	-36.33
4	7664.06 AV	47.11	54	-6.89	-59.3	-59.37	8.17	-48.15
5	11517.18 PK	59.52	74	-14.48	-47.8	-46.19	8.17	-35.74
6	11500 AV	48.31	54	-5.69	-58.04	-58.22	8.17	-46.95
7	17260.5 PK	62.43	68.2	-5.77	-43.58	-44.48	8.17	-32.83

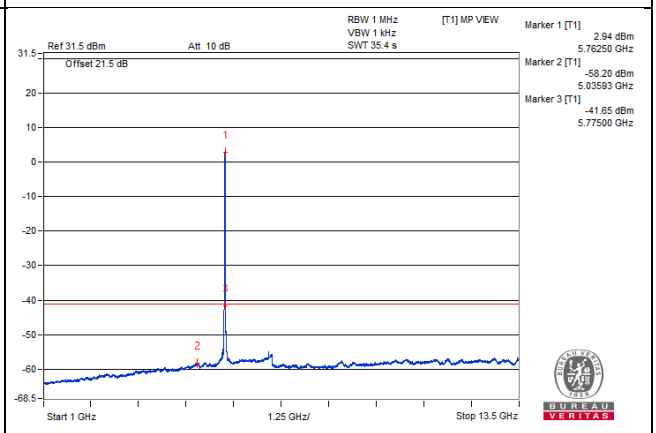
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

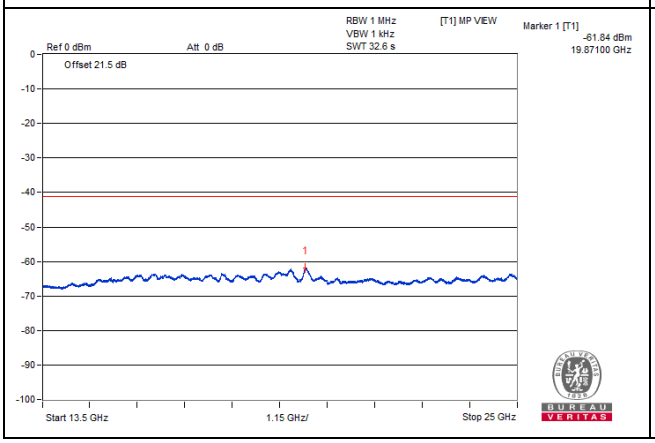
Chain 0

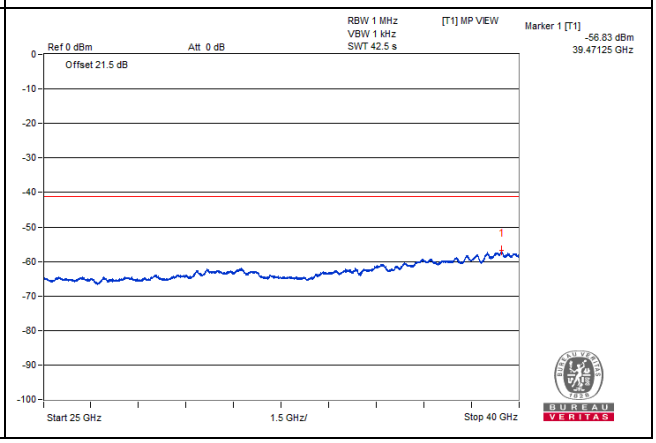

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
13.25 dBm
5.75625 GHz
Marker 2 [T1]
-45.87 dBm
5.07656 GHz
Marker 3 [T1]
-16.70 dBm
5.77656 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.79 dBm
19.89400 GHz
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

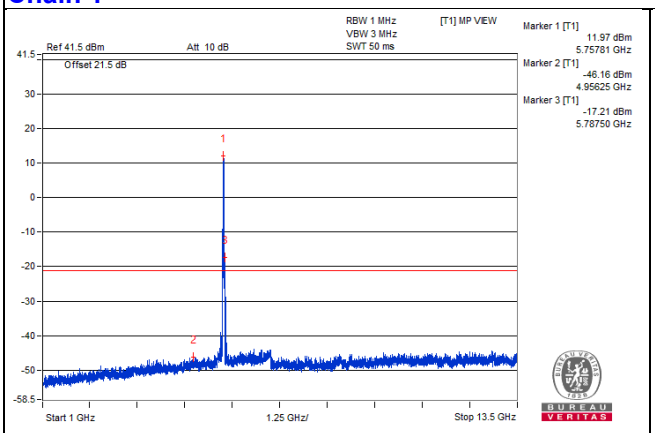

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.84 dBm
39.37937 GHz
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

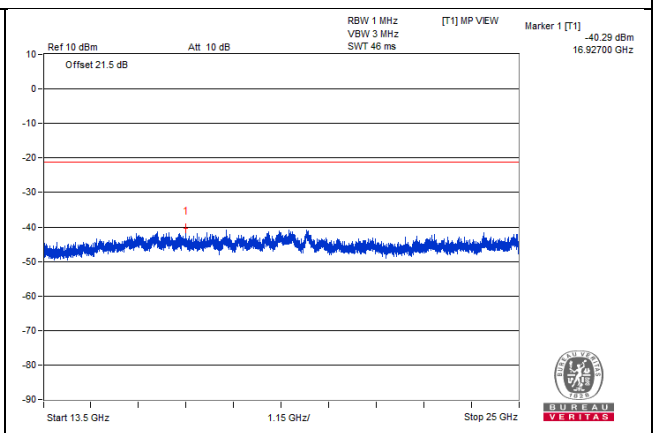

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
2.94 dBm
5.76250 GHz
Marker 2 [T1]
-58.20 dBm
5.03593 GHz
Marker 3 [T1]
-41.65 dBm
5.77500 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

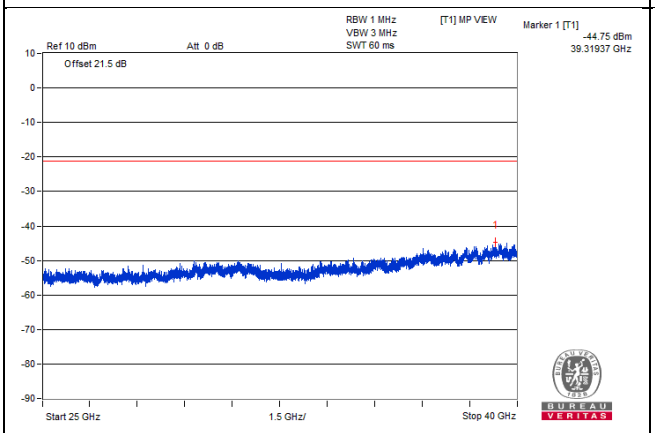

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.84 dBm
19.87100 GHz
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

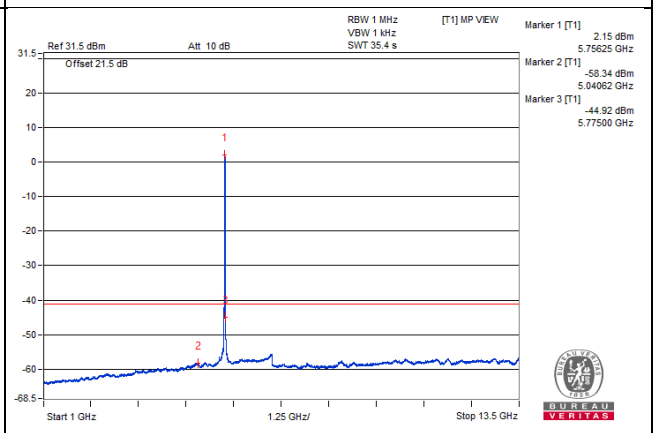

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.83 dBm
39.47125 GHz
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

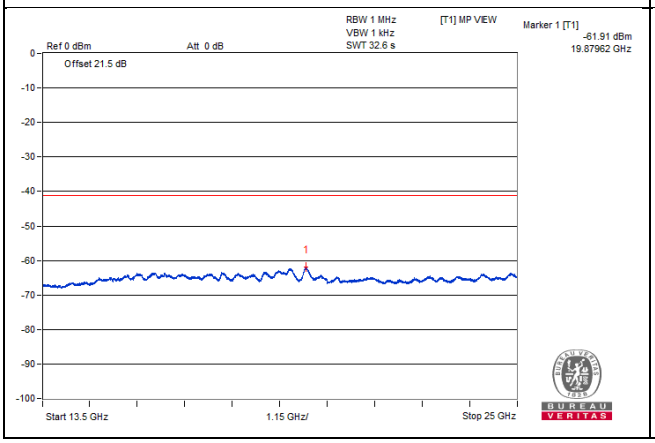
Chain 1

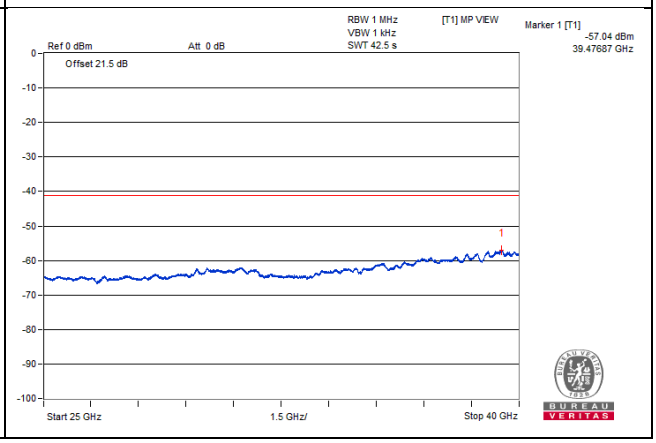

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
11.97 dBm
5.75781 GHz
Marker 2 [T1]
-46.16 dBm
4.95625 GHz
Marker 3 [T1]
-17.21 dBm
5.78750 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.29 dBm
16.92700 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.75 dBm
39.31937 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

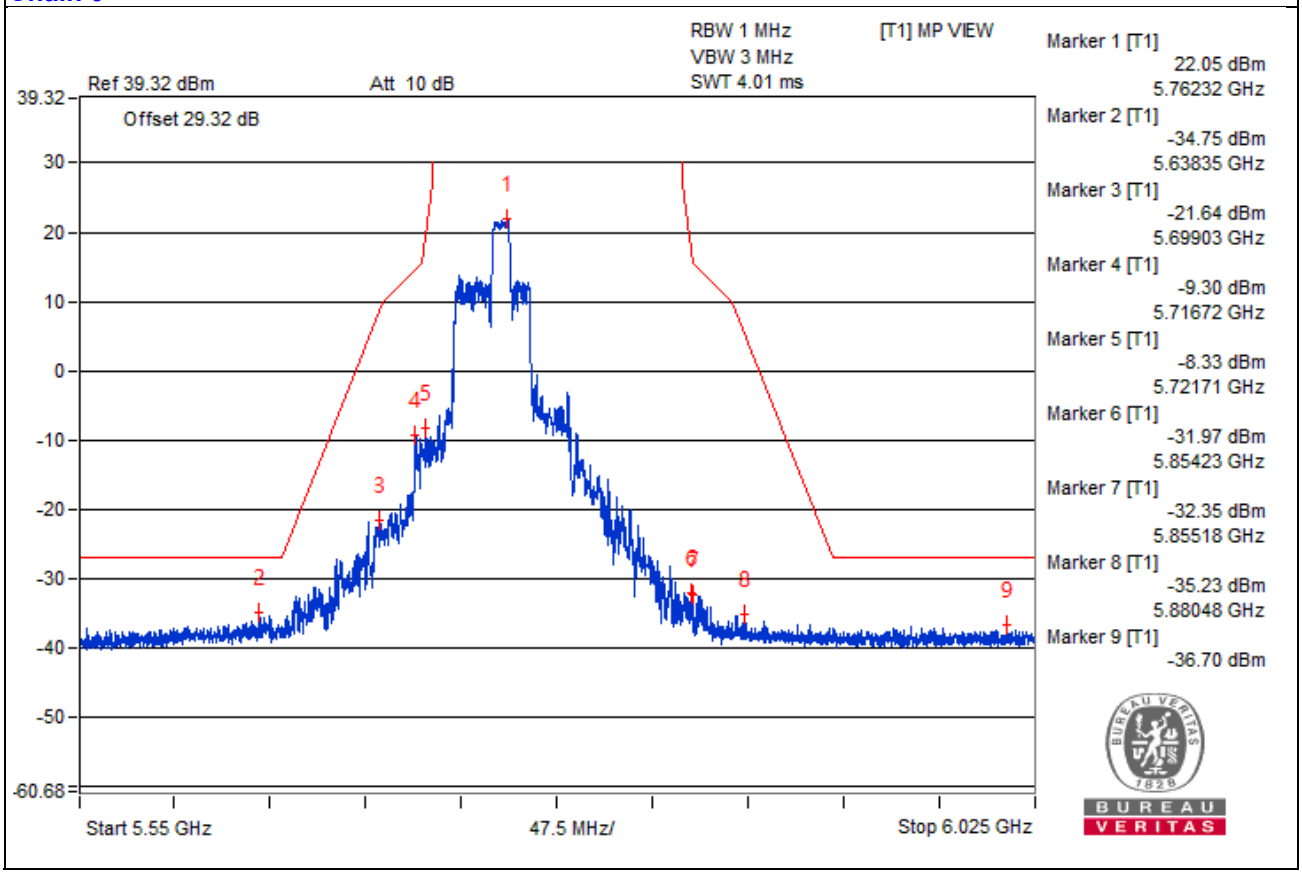

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
2.15 dBm
5.75625 GHz
Marker 2 [T1]
-58.34 dBm
5.04062 GHz
Marker 3 [T1]
-44.92 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.91 dBm
19.87962 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

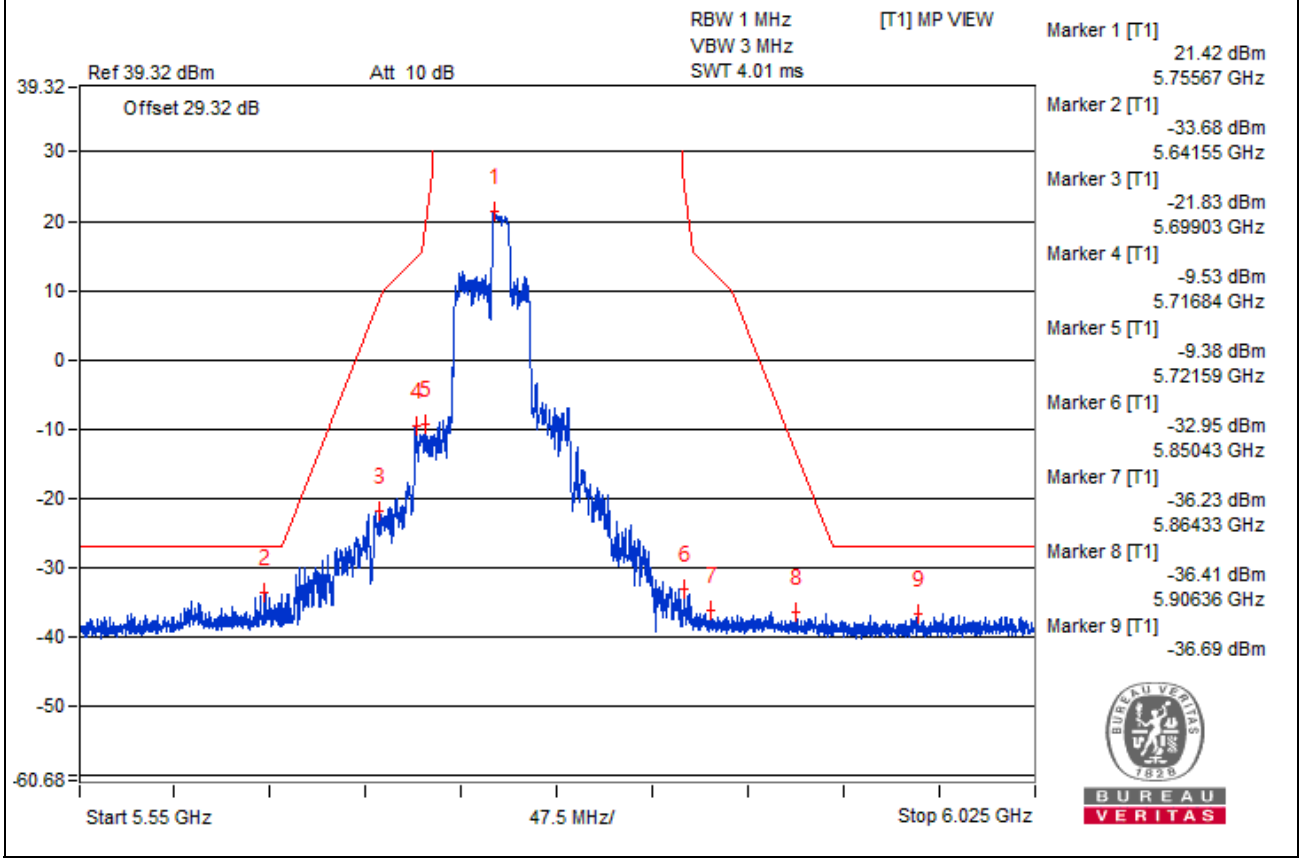

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-57.04 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



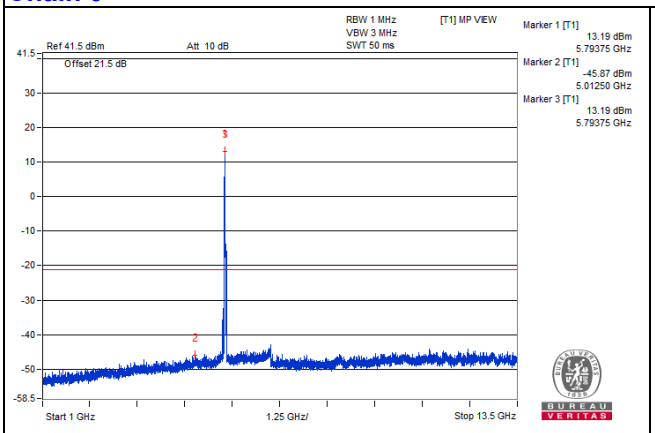
Channel 159

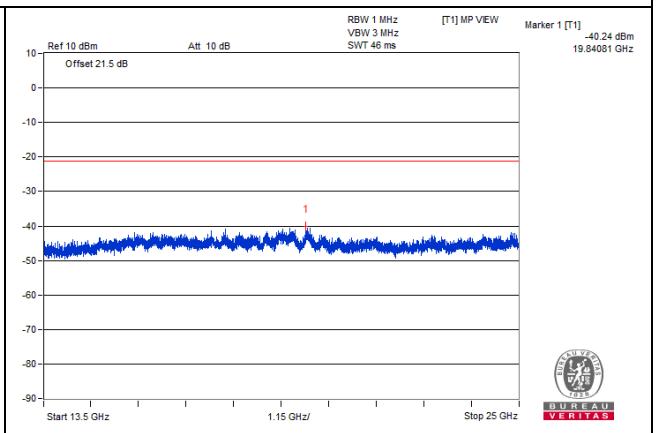
Conducted spurious emission table

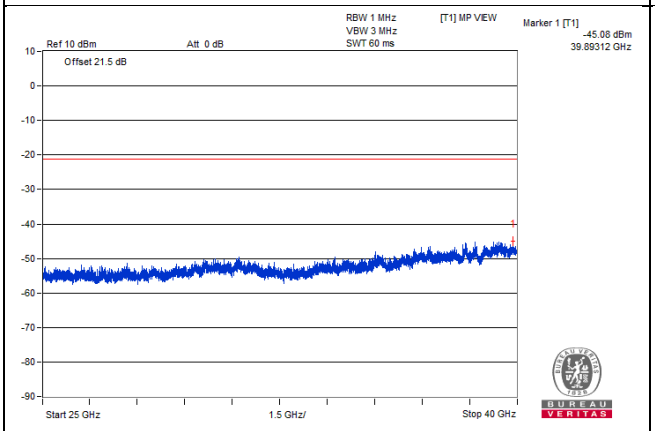
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1600 PK	54.6	74	-19.4	-52.78	-51.07	8.17	-40.66
2	1584.37 AV	43.53	54	-10.47	-62.67	-63.16	8.17	-51.73
3	7718.75 PK	58.44	74	-15.56	-47.41	-48.69	8.17	-36.82
4	7732.81 AV	46.84	54	-7.16	-59.51	-59.69	8.17	-48.42
5	11582.81 PK	60.28	74	-13.72	-45.54	-46.89	8.17	-34.98
6	11596.87 AV	48.96	54	-5.04	-57.29	-57.67	8.17	-46.3
7	17381.25 PK	62.81	68.2	-5.39	-44.87	-42.67	8.17	-32.45

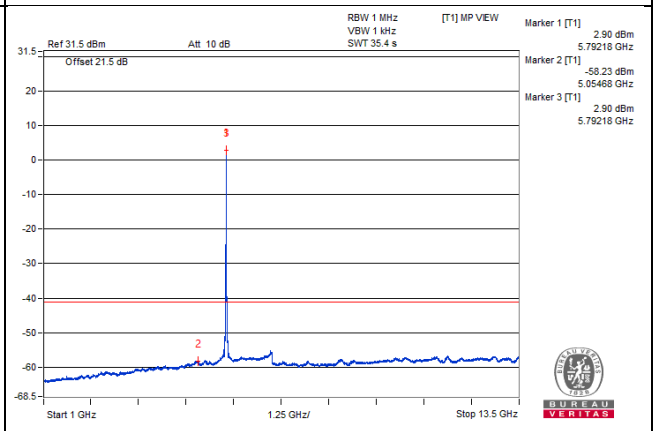
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

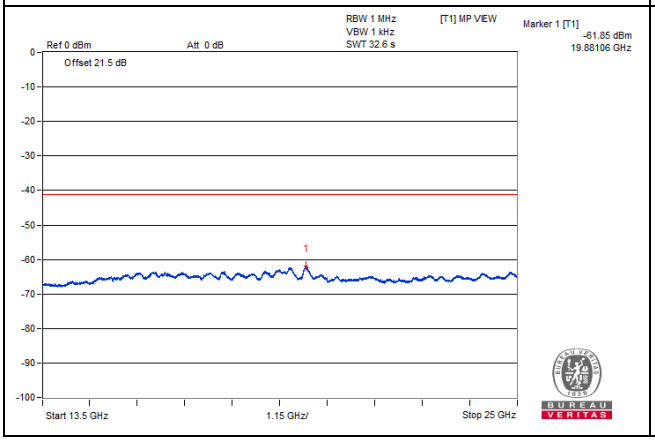
Chain 0

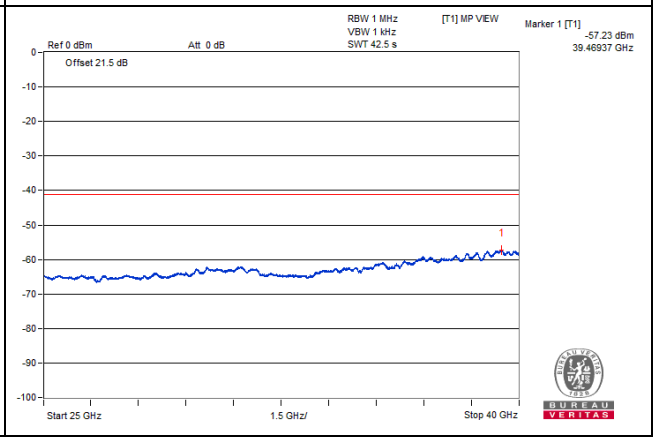

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
13.19 dBm
5.79375 GHz
Marker 2 [T1]
-45.87 dBm
5.01250 GHz
Marker 3 [T1]
13.19 dBm
5.79375 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.24 dBm
19.84081 GHz
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

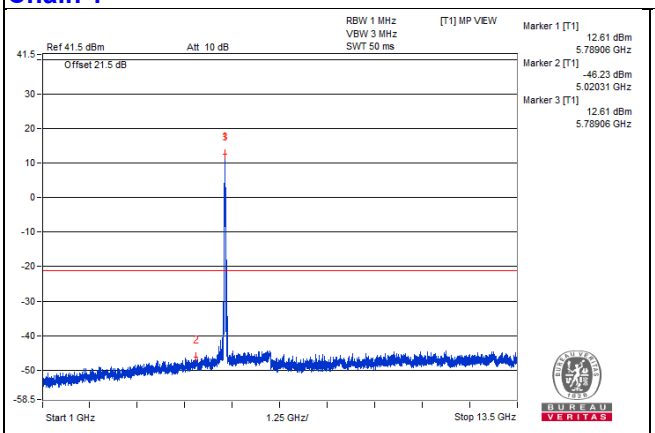

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-45.08 dBm
39.89312 GHz
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

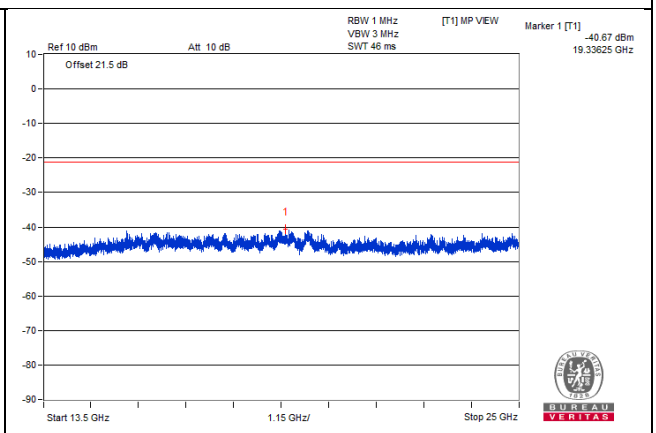

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
2.90 dBm
5.79218 GHz
Marker 2 [T1]
-58.23 dBm
5.05468 GHz
Marker 3 [T1]
2.90 dBm
5.79218 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

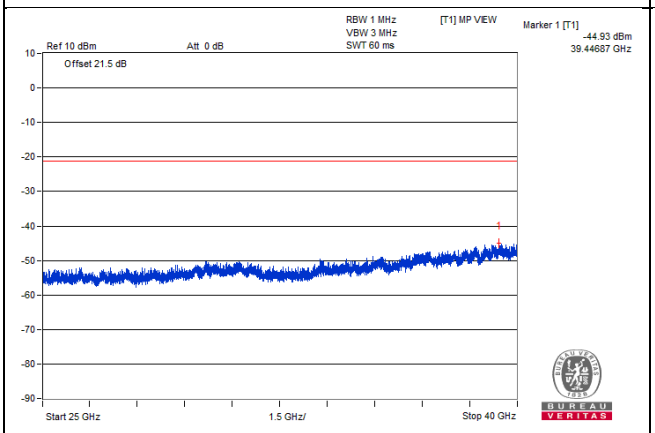

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.85 dBm
19.88106 GHz
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

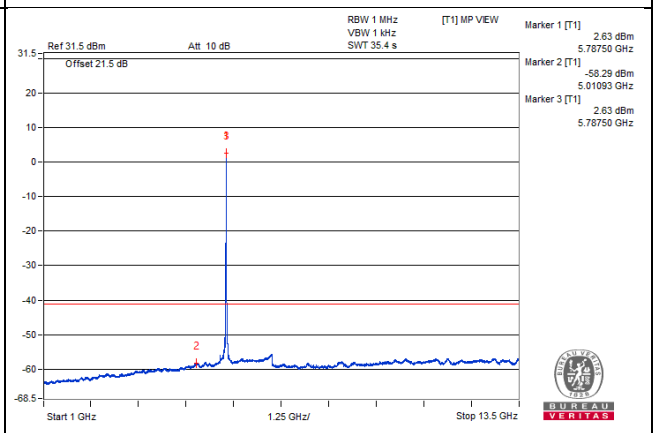

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-57.23 dBm
39.46937 GHz
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

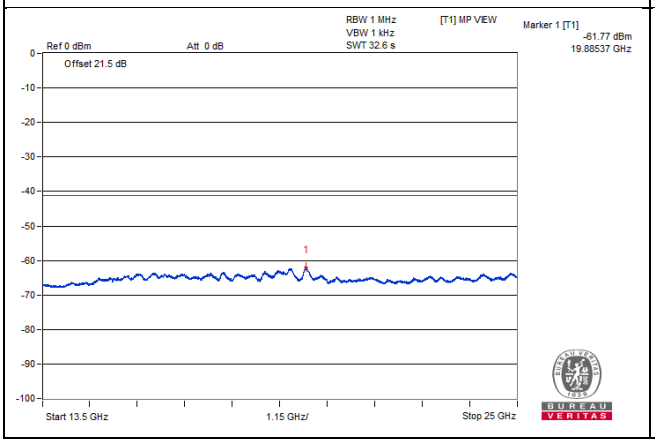
Chain 1

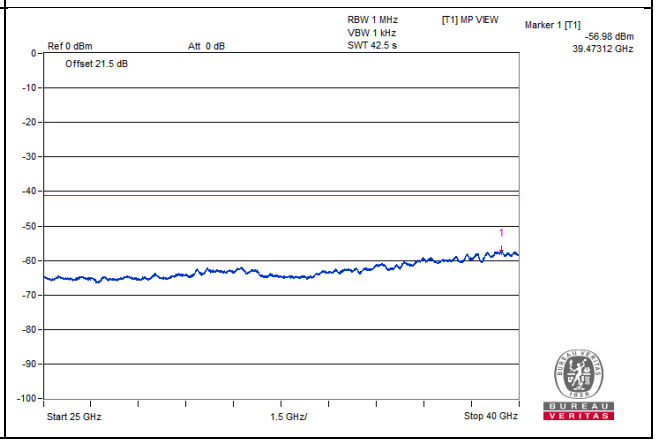

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
12.61 dBm
5.78906 GHz
Marker 2 [T1]
-46.23 dBm
5.02031 GHz
Marker 3 [T1]
12.61 dBm
5.78906 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 10 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.67 dBm
19.33625 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 10 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.93 dBm
39.44687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

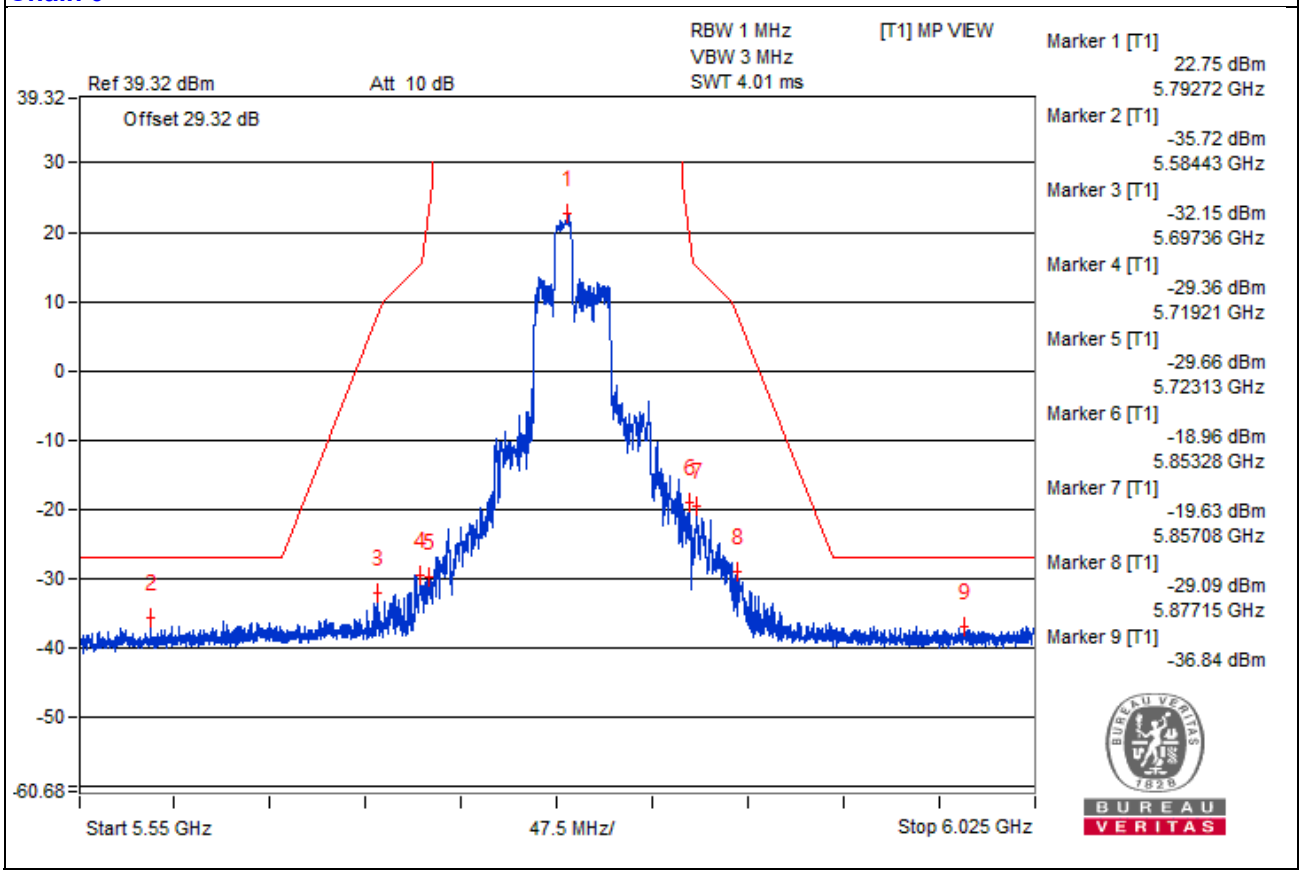

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
2.63 dBm
5.78750 GHz
Marker 2 [T1]
-58.29 dBm
5.01093 GHz
Marker 3 [T1]
2.63 dBm
5.78750 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.77 dBm
19.88537 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

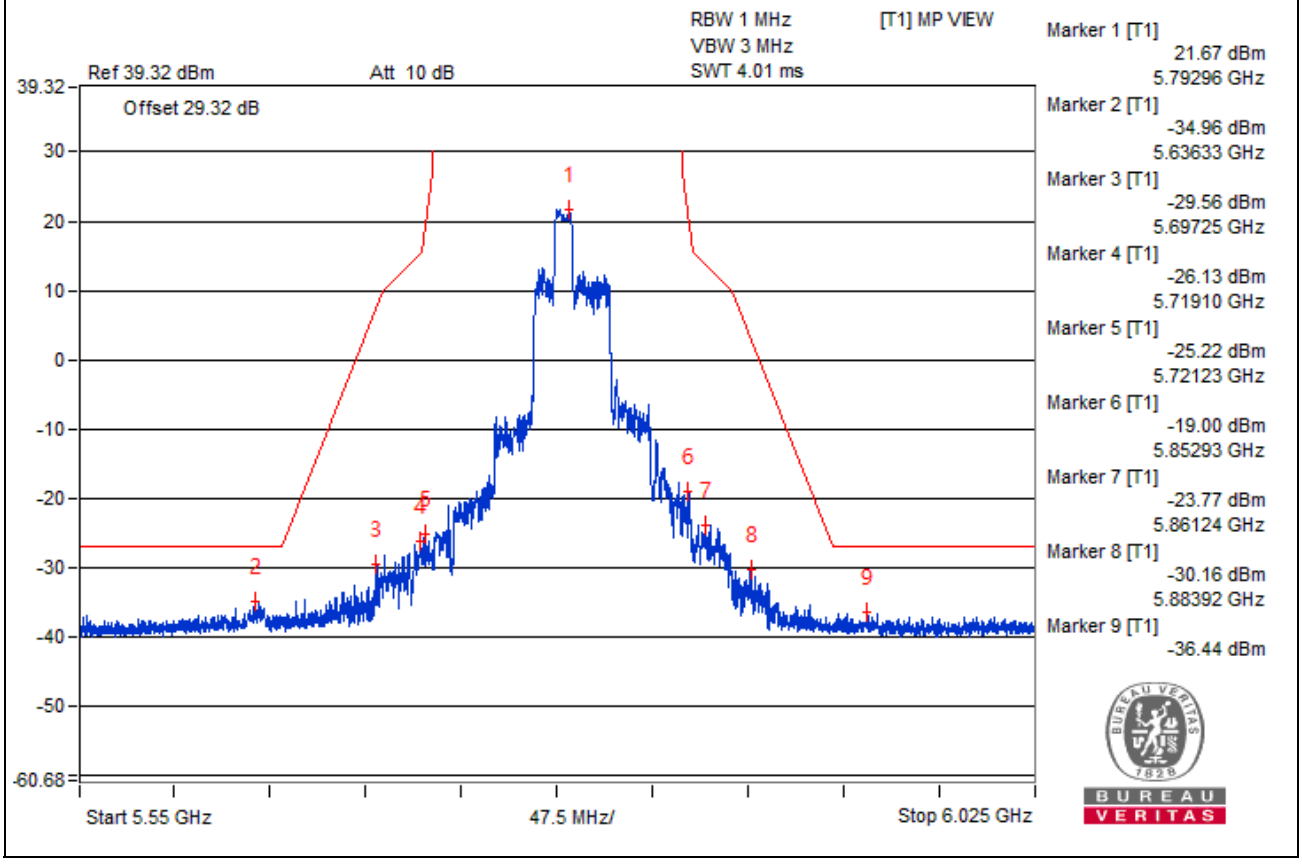

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 0 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.98 dBm
39.47312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



RU242

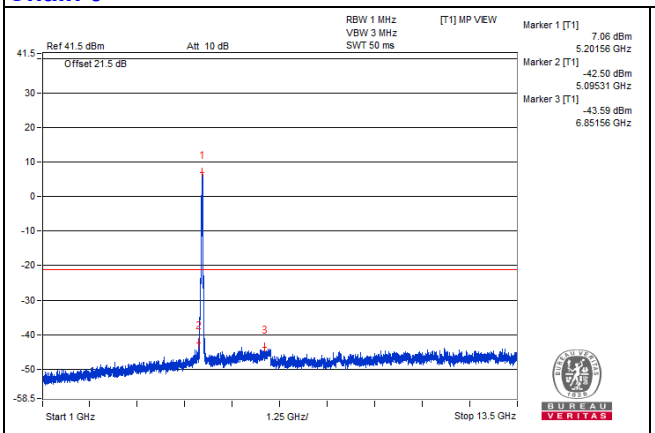
Channel 38

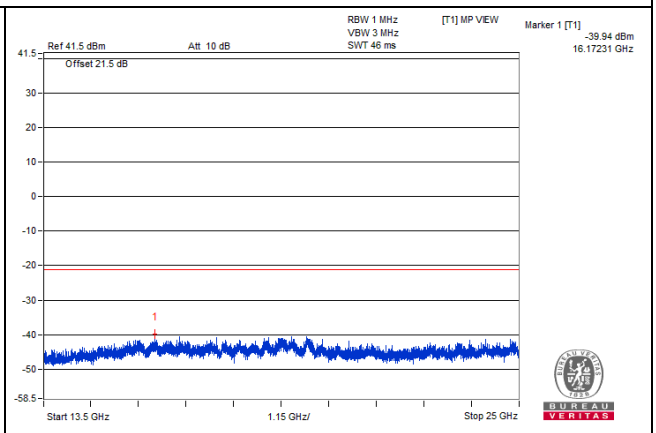
Conducted spurious emission table

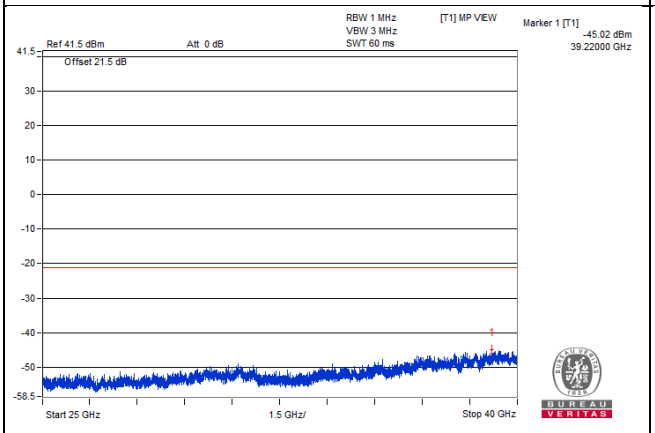
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1004.68 PK	54.13	74	-19.87	-52.03	-52.62	8.17	-41.13
2	1000 AV	42.99	54	-11.01	-63.31	-63.6	8.17	-52.27
3	6921.87 PK	61.71	68.2	-6.49	-46.14	-43.66	8.17	-33.55
4	10376.56 PK	59.66	68.2	-8.54	-45.8	-48.04	8.17	-35.6
5	15578.62 PK	63.31	74	-10.69	-42.66	-43.65	8.17	-31.95
6	15565.68 AV	42.29	54	-11.71	-63.98	-64.33	8.17	-52.97

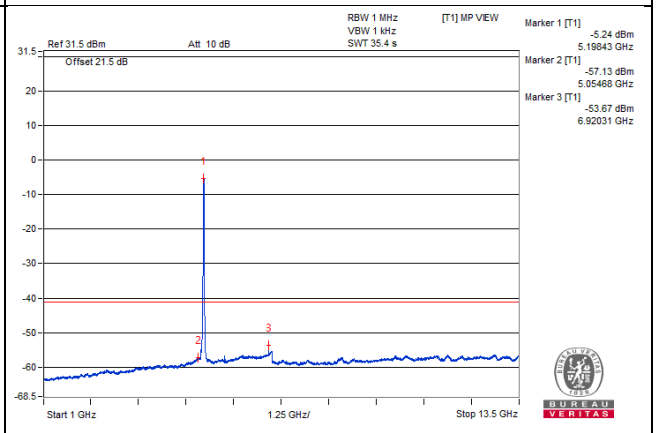
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

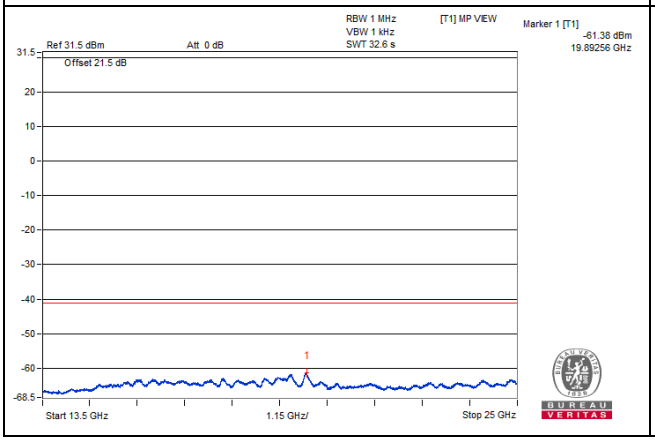
Chain 0

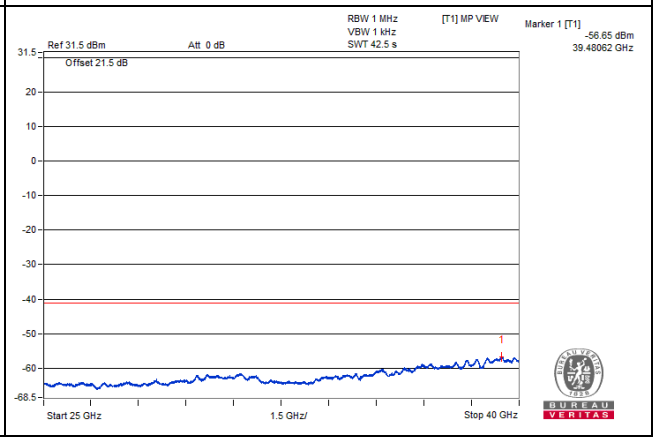

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.06 dBm
5.20156 GHz
Marker 2 [T1]
-42.50 dBm
5.09531 GHz
Marker 3 [T1]
-43.59 dBm
6.85156 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.94 dBm
16.17231 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

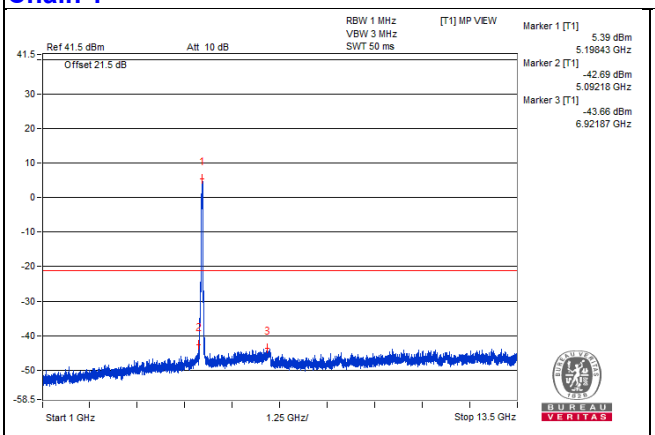

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-45.02 dBm
39.22000 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

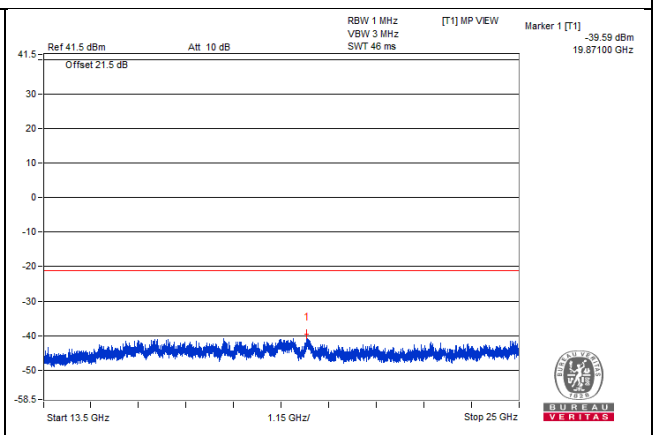

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-5.24 dBm
5.19843 GHz
Marker 2 [T1]
-57.13 dBm
5.05468 GHz
Marker 3 [T1]
-53.67 dBm
6.92031 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

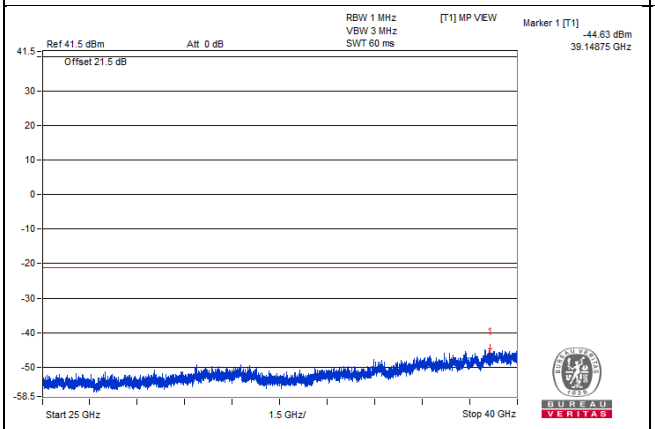

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.38 dBm
19.89256 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

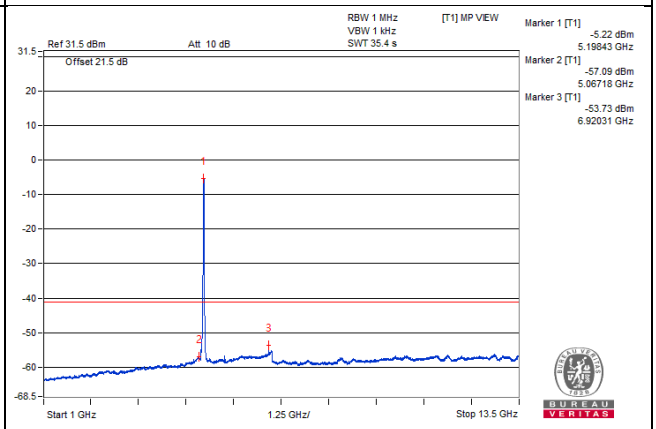

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.65 dBm
39.48062 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

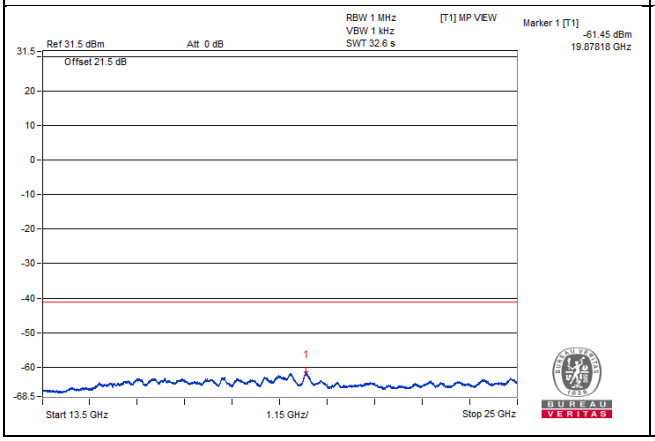
Chain 1

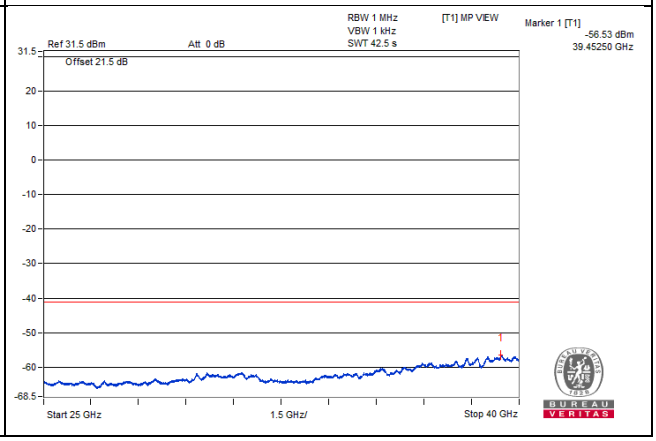

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
5.39 dBm
5.19843 GHz
Marker 2 [T1]
-42.69 dBm
5.09218 GHz
Marker 3 [T1]
-43.66 dBm
6.92187 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.59 dBm
19.87100 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.63 dBm
39.14875 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-5.22 dBm
5.19843 GHz
Marker 2 [T1]
-57.09 dBm
5.06718 GHz
Marker 3 [T1]
-53.73 dBm
6.92031 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.45 dBm
19.87818 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.53 dBm
39.45250 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

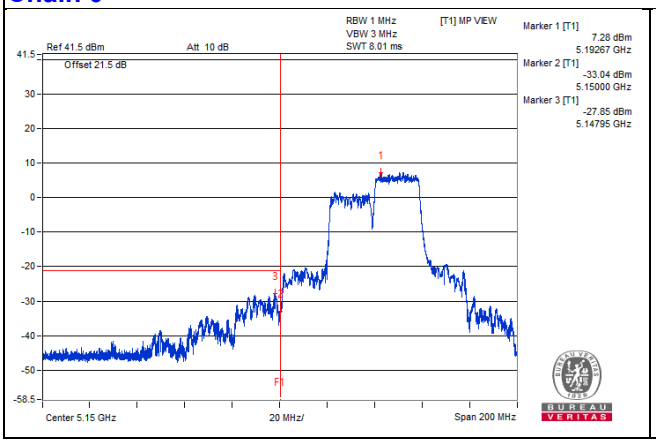
Bandedge table

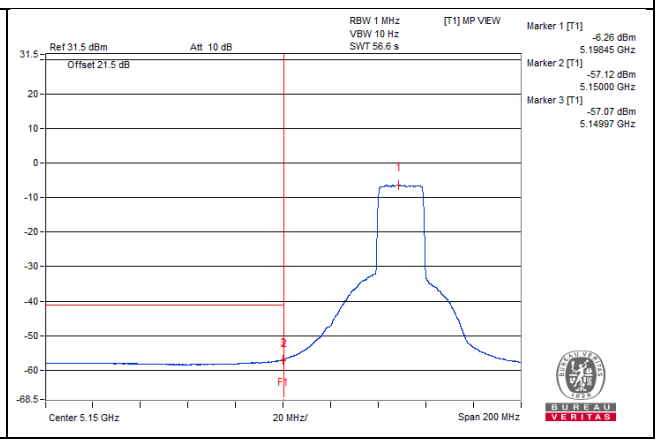
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5147.95 PK	76.73	74	*2.73	-27.85	-27.96	6.36	-18.53
2	5149.97 AV	47.56	54	-6.44	-57.07	-57.07	6.36	-47.7

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

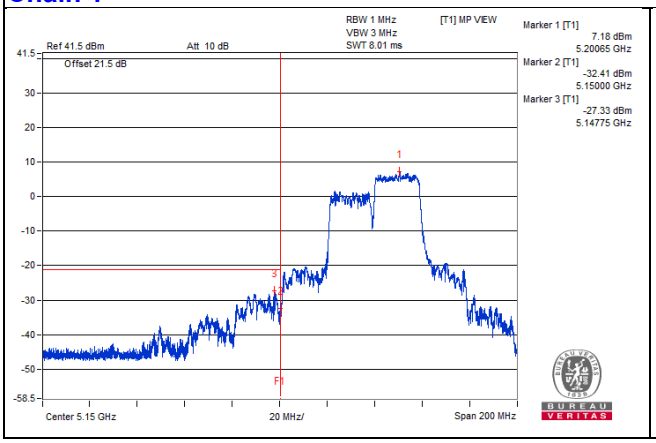
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

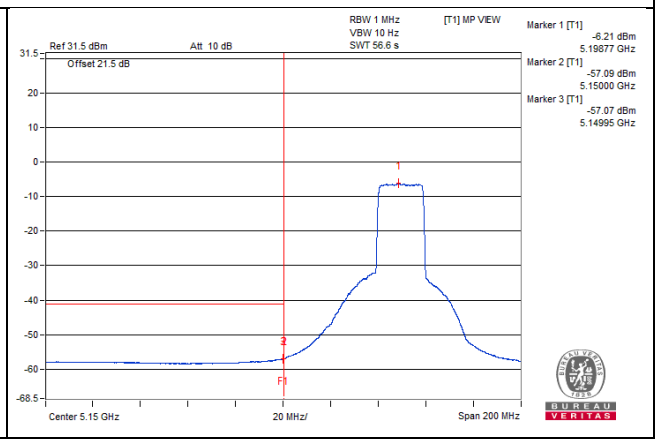
Chain 0





Chain 1





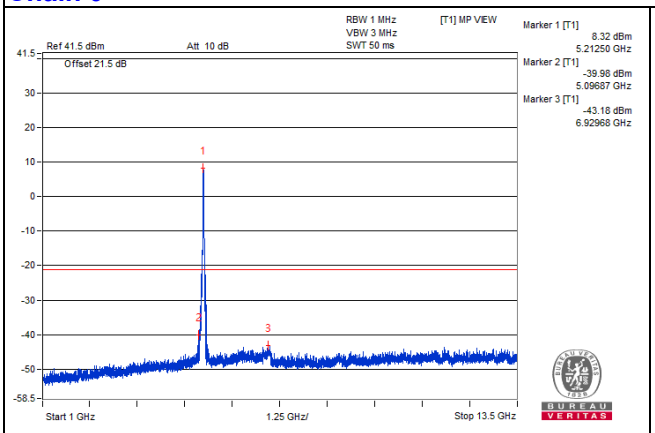
Channel 46

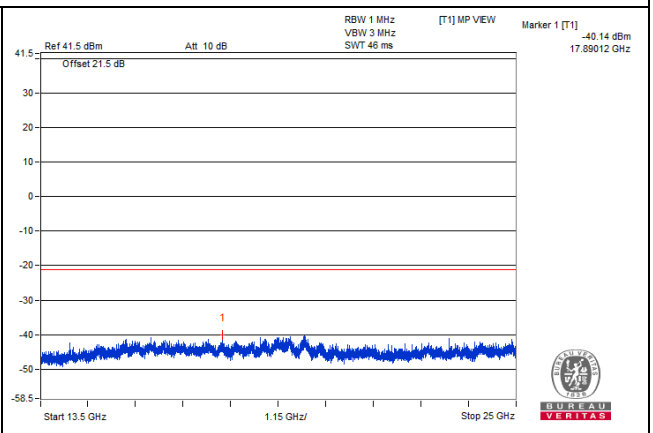
Conducted spurious emission table

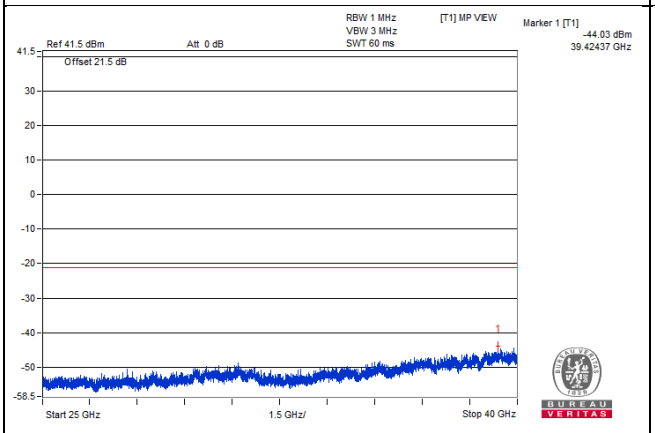
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1017.18 PK	54.4	74	-19.6	-51.91	-52.17	8.17	-40.86
2	1015.62 AV	43.47	54	-10.53	-63.07	-62.88	8.17	-51.79
3	6975 PK	62.27	68.2	-5.93	-43.43	-45.07	8.17	-32.99
4	10450 PK	60.33	68.2	-7.87	-47.1	-45.3	8.17	-34.93
5	15690.75 PK	63.36	74	-10.64	-42.79	-43.39	8.17	-31.9
6	15699.37 AV	42.04	54	-11.96	-64.52	-64.28	8.17	-53.22

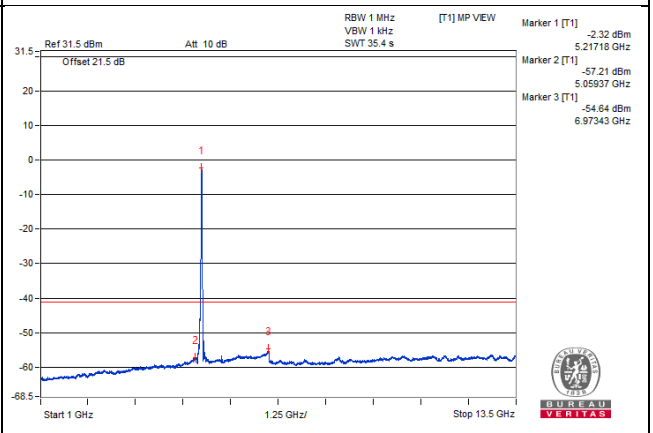
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

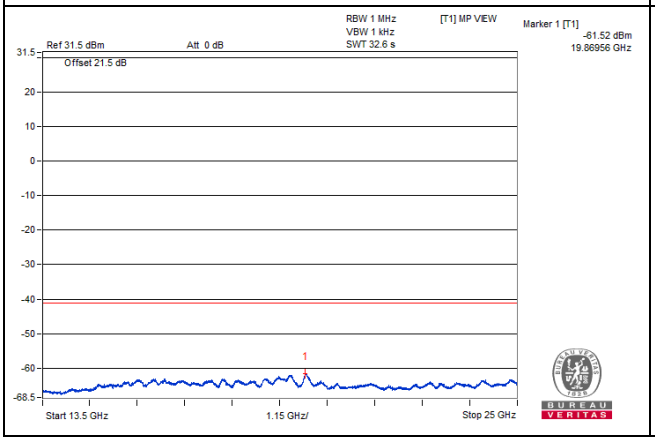
Chain 0

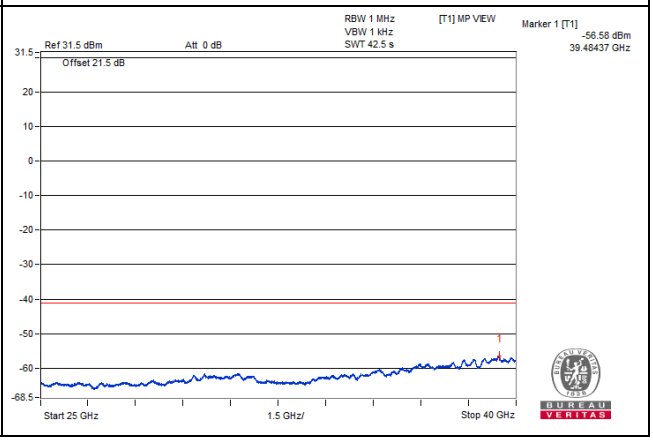

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
8.32 dBm
5.21250 GHz
Marker 2 [T1]
-39.98 dBm
5.09687 GHz
Marker 3 [T1]
-43.18 dBm
6.92968 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.14 dBm
17.89012 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

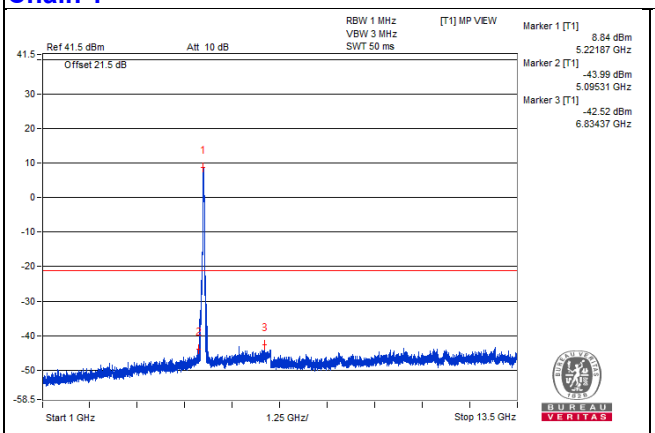

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.03 dBm
39.42437 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

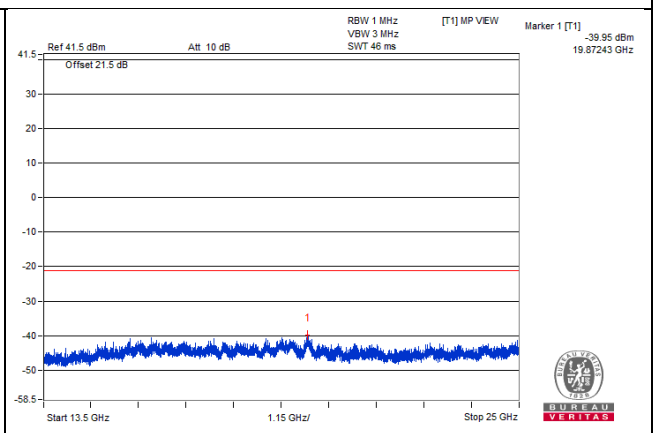

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-2.32 dBm
5.21718 GHz
Marker 2 [T1]
-57.21 dBm
5.05937 GHz
Marker 3 [T1]
-54.64 dBm
6.97343 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

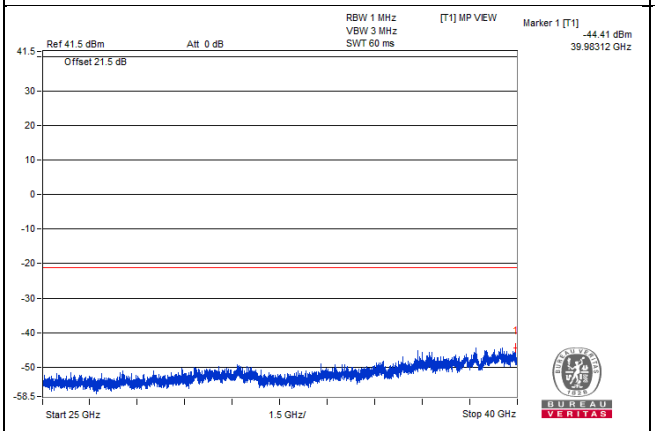

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.52 dBm
19.86956 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

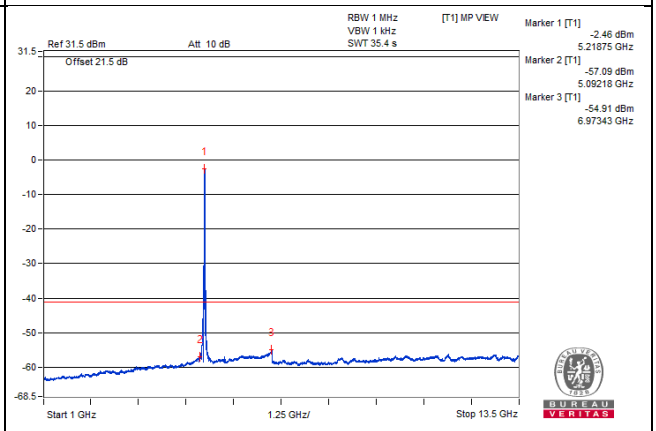

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.58 dBm
39.48437 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

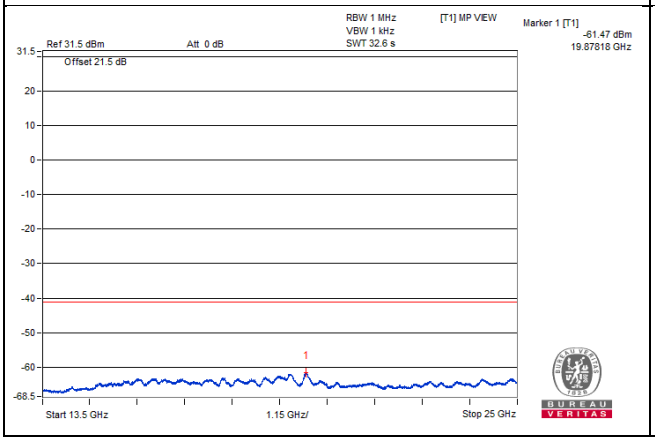
Chain 1

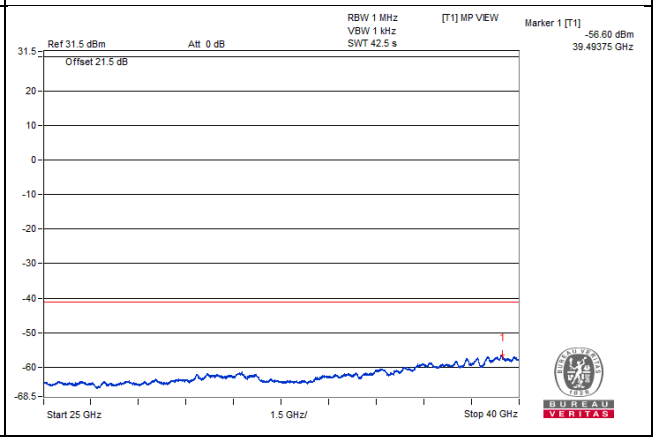

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
8.84 dBm
5.22187 GHz
Marker 2 [T1]
-43.99 dBm
5.09531 GHz
Marker 3 [T1]
-42.52 dBm
6.83437 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.95 dBm
19.87243 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.41 dBm
39.98312 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-2.46 dBm
5.21875 GHz
Marker 2 [T1]
-57.09 dBm
5.09218 GHz
Marker 3 [T1]
-54.91 dBm
6.97343 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.47 dBm
19.87818 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

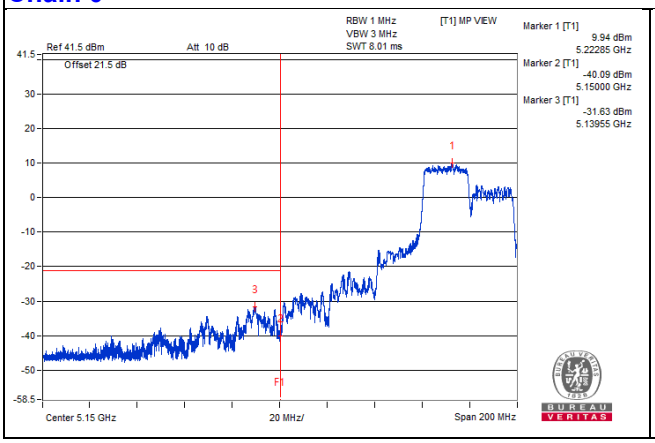

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.60 dBm
39.49375 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

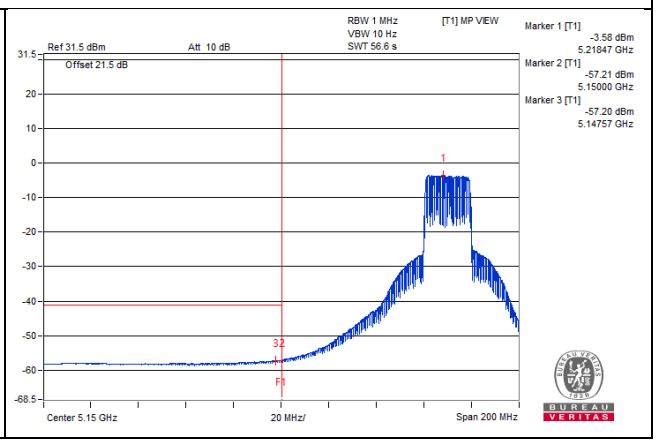
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5139.32 PK	71.54	74	-2.46	-31.69	-35.16	6.36	-23.72
2	5148.95 AV	47.44	54	-6.56	-57.23	-57.15	6.36	-47.82

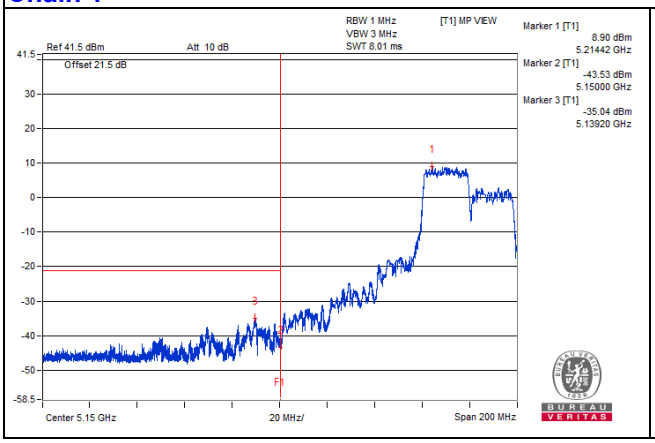
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

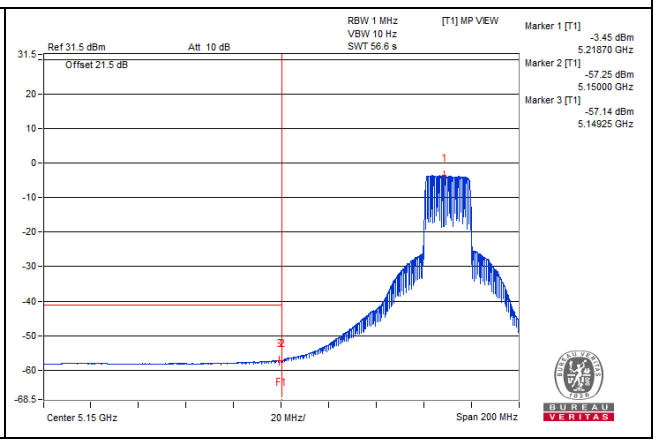
Chain 0





Chain 1





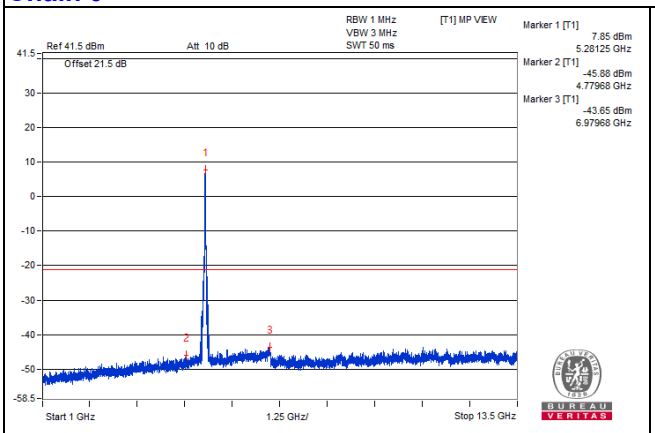
Channel 54

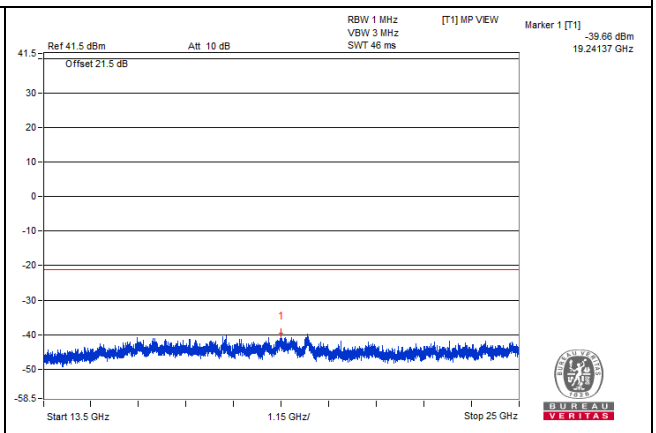
Conducted spurious emission table

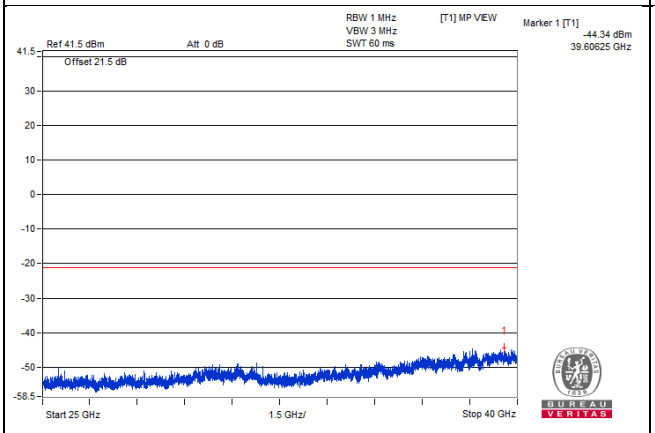
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1068.75 PK	54.83	74	-19.17	-53.15	-50.47	8.17	-40.43
2	1075 AV	43.07	54	-10.93	-63.29	-63.46	8.17	-52.19
3	7017.18 PK	59.17	68.2	-9.03	-48.26	-46.47	8.17	-36.09
4	10539.06 PK	61.06	68.2	-7.14	-45.5	-45.27	8.17	-34.2
5	15815.81 PK	63.65	74	-10.35	-43.43	-42.24	8.17	-31.61
6	15818.68 AV	42.97	54	-11.03	-63.73	-63.22	8.17	-52.29

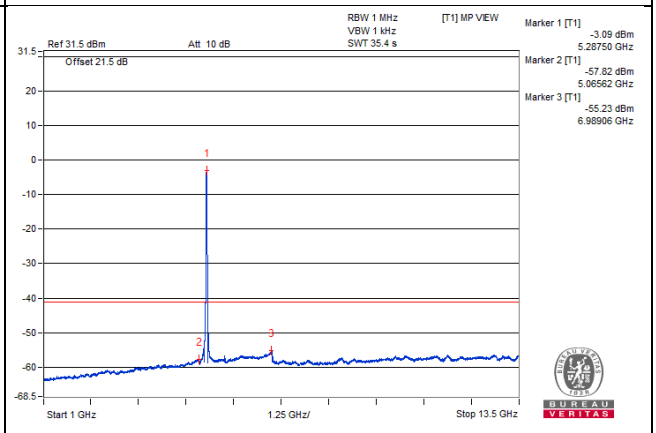
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

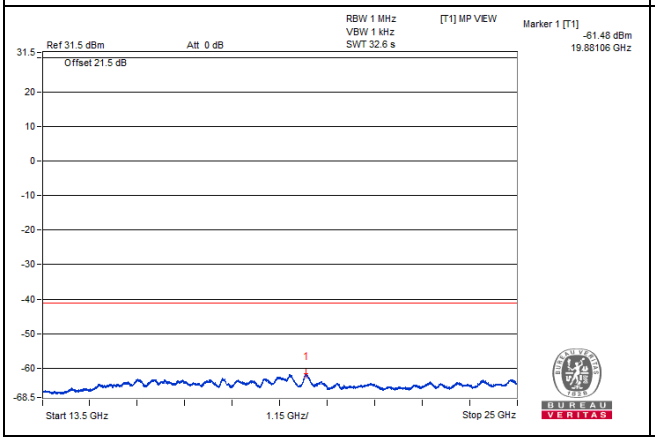
Chain 0

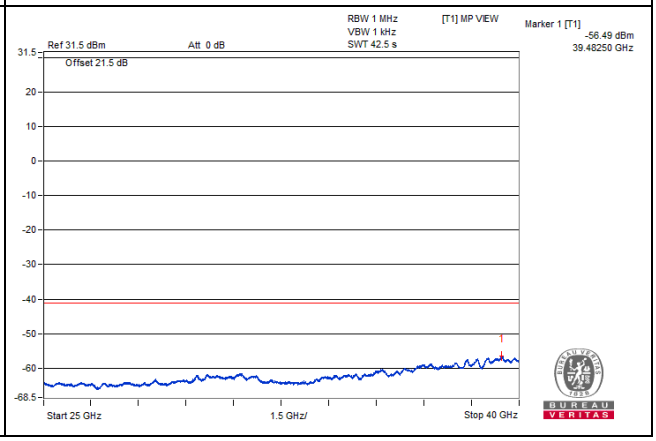

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.85 dBm
5.28125 GHz
Marker 2 [T1]
-45.88 dBm
4.77968 GHz
Marker 3 [T1]
-43.65 dBm
6.97968 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.66 dBm
19.24137 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

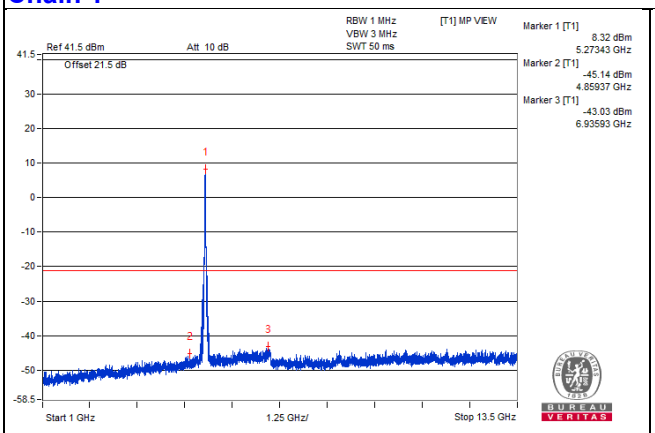

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.34 dBm
39.60625 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

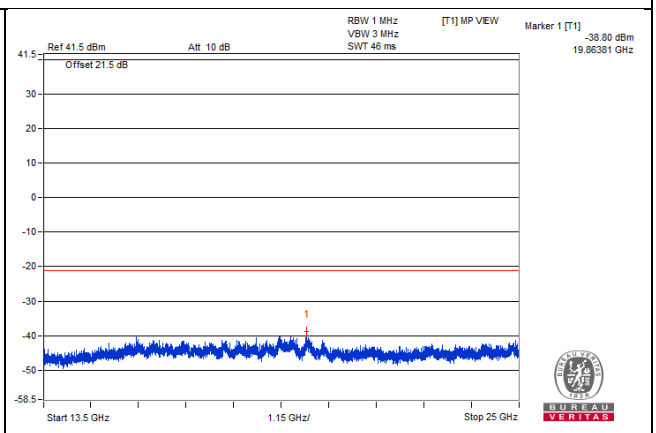

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-3.09 dBm
5.28750 GHz
Marker 2 [T1]
-57.82 dBm
5.06562 GHz
Marker 3 [T1]
-55.23 dBm
6.98906 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

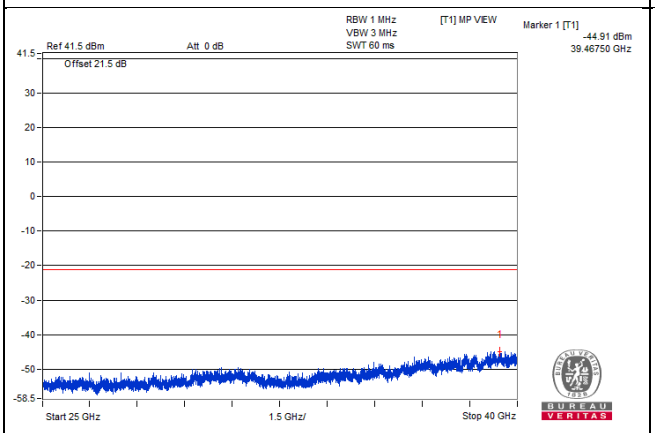

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.48 dBm
19.88106 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

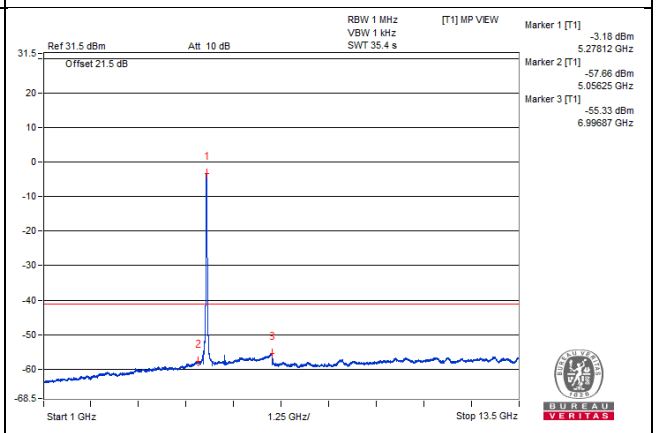

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.49 dBm
39.48250 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

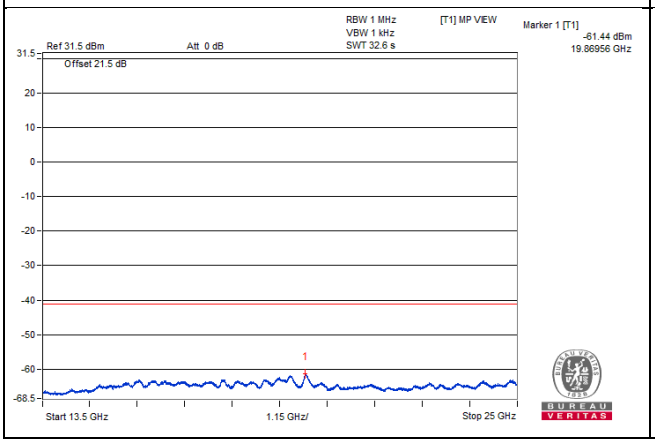
Chain 1

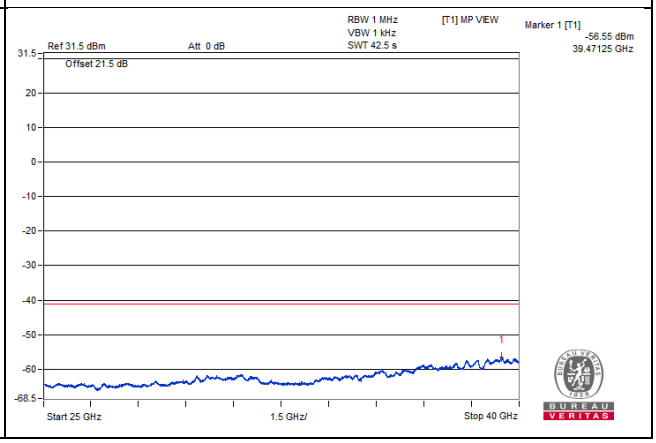

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
8.32 dBm
5.27343 GHz
Marker 2 [T1]
-45.14 dBm
4.85937 GHz
Marker 3 [T1]
-43.03 dBm
6.93593 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-38.80 dBm
19.86381 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.91 dBm
39.46750 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-3.18 dBm
5.27812 GHz
Marker 2 [T1]
-57.66 dBm
5.05625 GHz
Marker 3 [T1]
-55.33 dBm
6.99687 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.44 dBm
19.86956 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

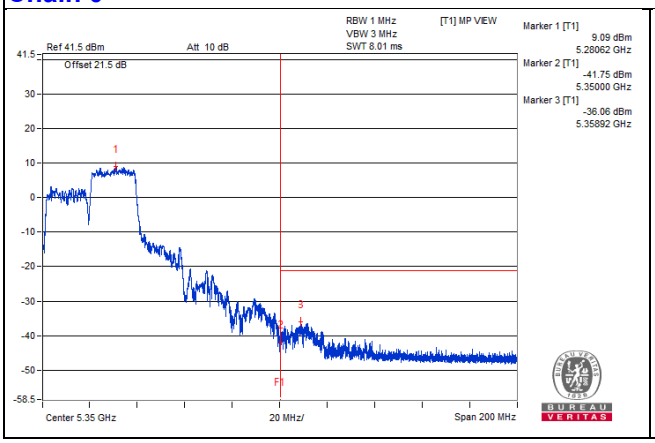

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.55 dBm
39.47125 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

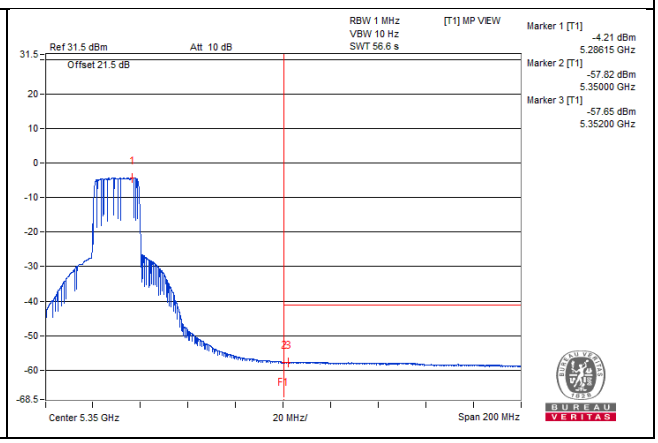
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5361.12 PK	68.09	74	-5.91	-36.82	-36.41	6.43	-27.17
2	5352.45 AV	47.05	54	-6.95	-57.69	-57.61	6.43	-48.21

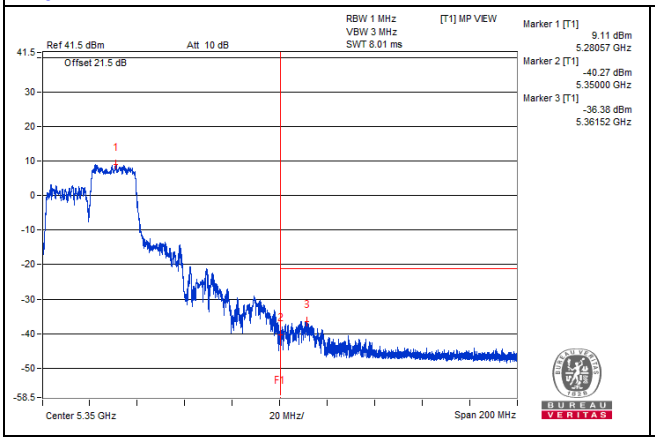
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

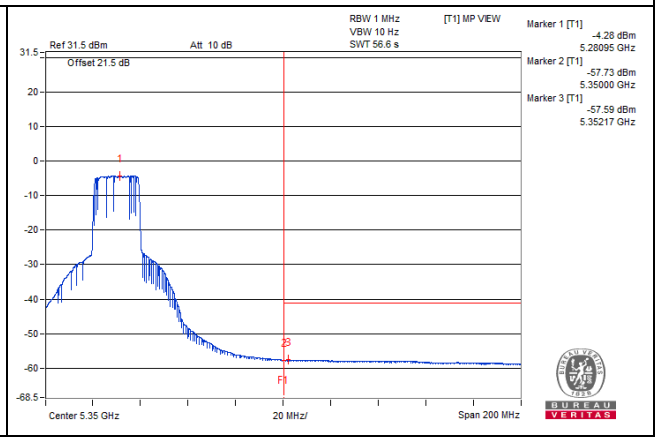
Chain 0





Chain 1





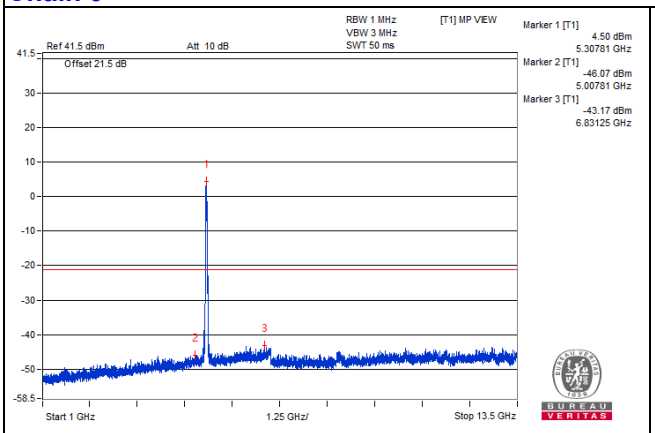
Channel 62

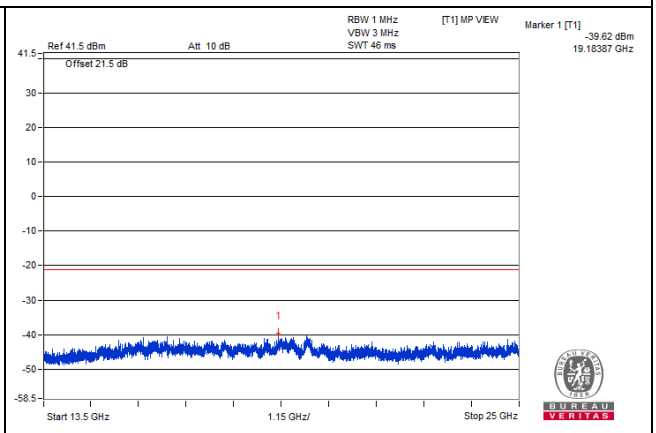
Conducted spurious emission table

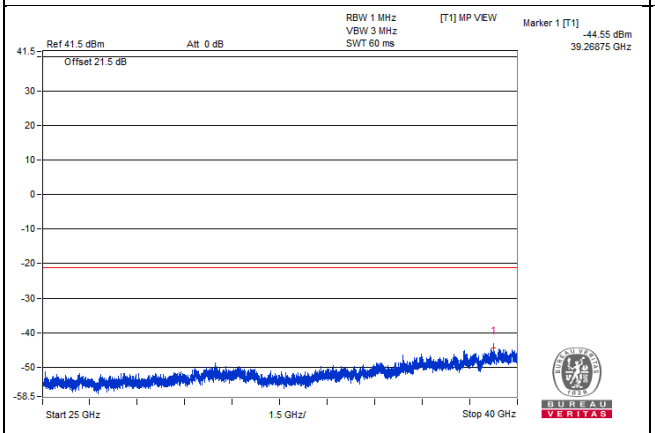
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1110.93 PK	53.86	74	-20.14	-51.92	-53.35	8.17	-41.4
2	1110.93 AV	43.05	54	-10.95	-63.6	-63.19	8.17	-52.21
3	7079.68 PK	59.85	68.2	-8.35	-46.56	-46.63	8.17	-35.41
4	10618.75 PK	60.31	74	-13.69	-46.2	-46.07	8.17	-34.95
5	10618.75 AV	49.24	54	-4.76	-57.3	-57.11	8.17	-46.02
6	15922.18 PK	62.71	74	-11.29	-45.77	-42.35	8.17	-32.55
7	15926.5 AV	41.73	54	-12.27	-64.65	-64.77	8.17	-53.53

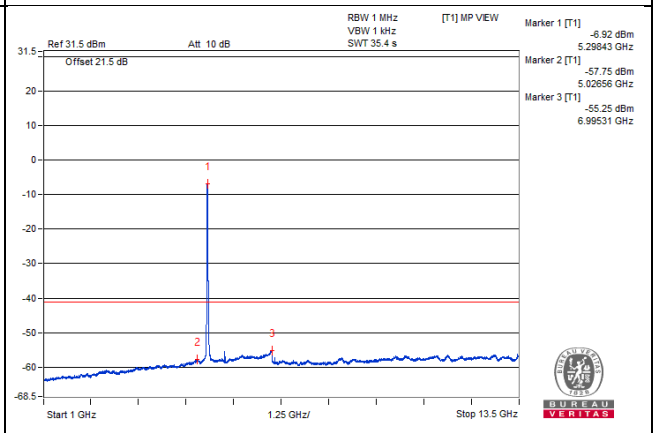
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

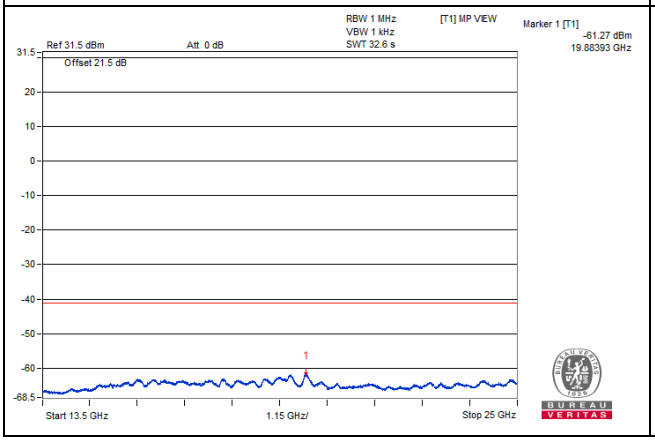
Chain 0

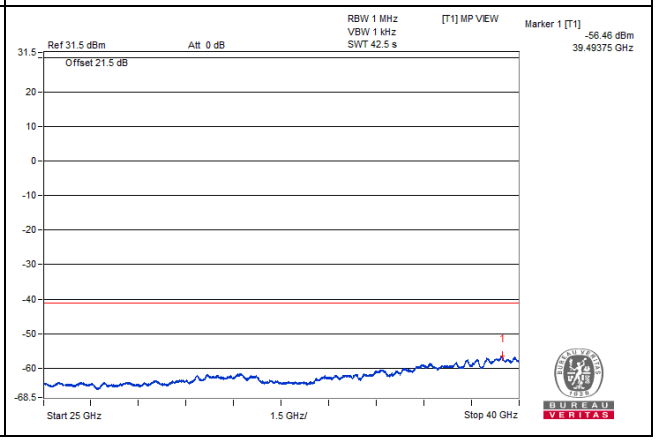

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
4.50 dBm
5.30781 GHz
Marker 2 [T1]
-46.07 dBm
5.00781 GHz
Marker 3 [T1]
-43.17 dBm
6.83125 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.62 dBm
19.18387 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

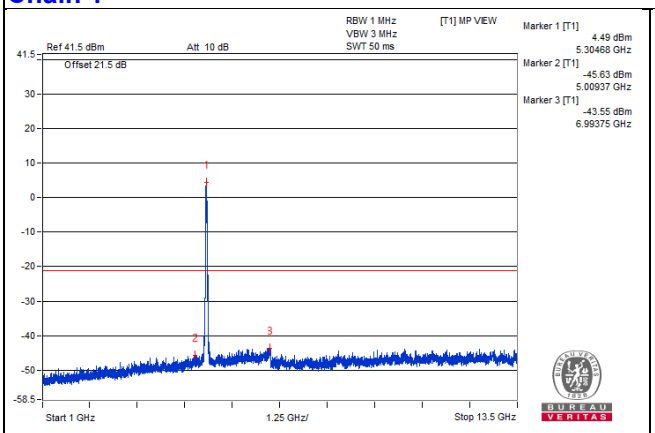

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.55 dBm
39.26875 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

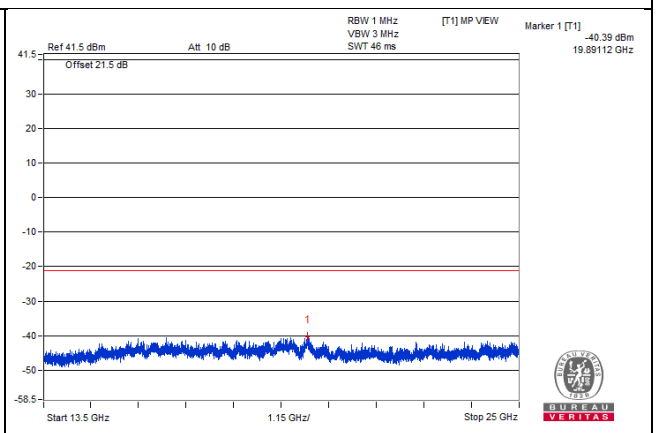

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-6.92 dBm
5.29843 GHz
Marker 2 [T1]
-57.75 dBm
5.02656 GHz
Marker 3 [T1]
-55.25 dBm
6.99531 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

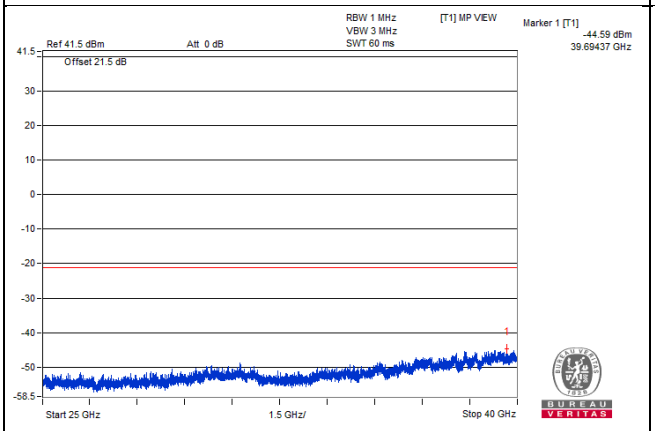

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.27 dBm
19.88393 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

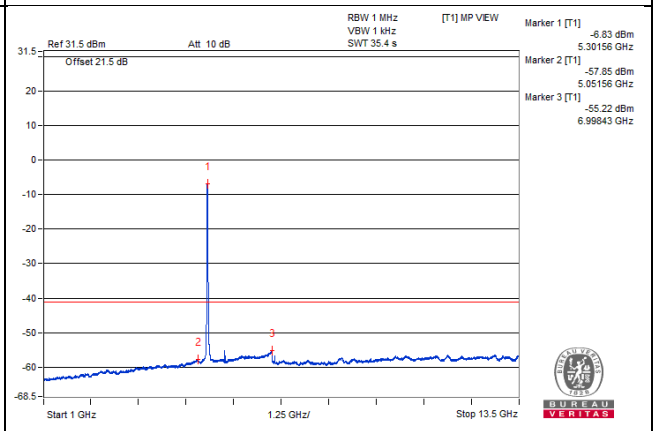

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.46 dBm
39.49375 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

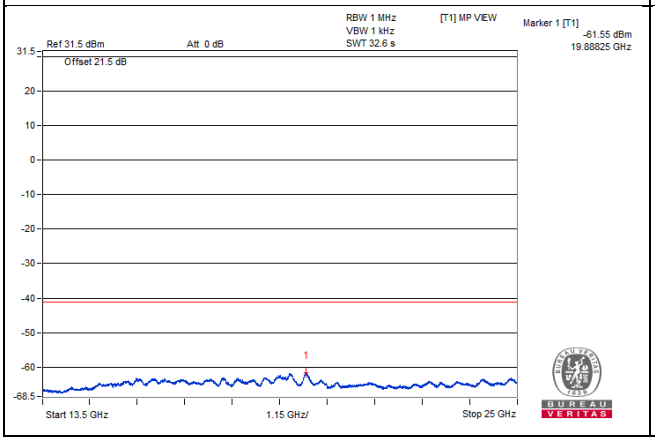
Chain 1

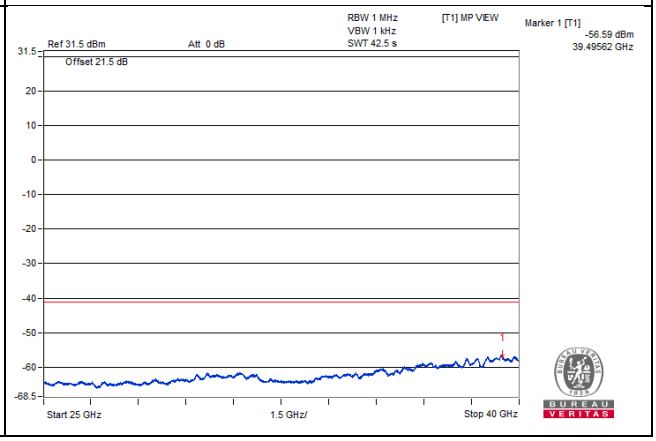

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
4.49 dBm
5.30468 GHz
Marker 2 [T1]
-45.63 dBm
5.00937 GHz
Marker 3 [T1]
-43.55 dBm
6.99375 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.39 dBm
19.89112 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.59 dBm
39.69437 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-6.83 dBm
5.30156 GHz
Marker 2 [T1]
-57.85 dBm
5.05156 GHz
Marker 3 [T1]
-55.22 dBm
6.99843 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.55 dBm
19.88825 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.59 dBm
39.49562 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

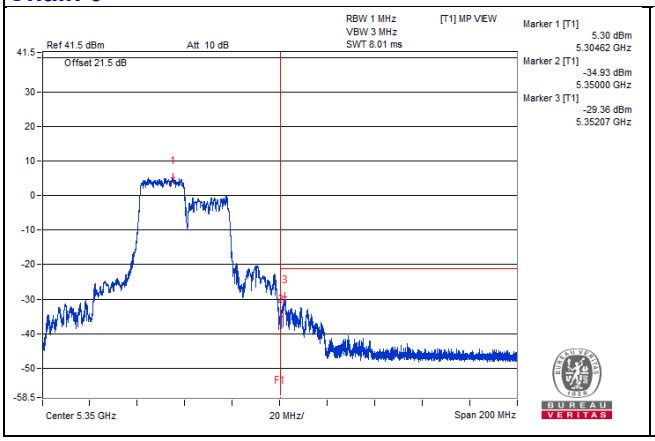
Bandedge table

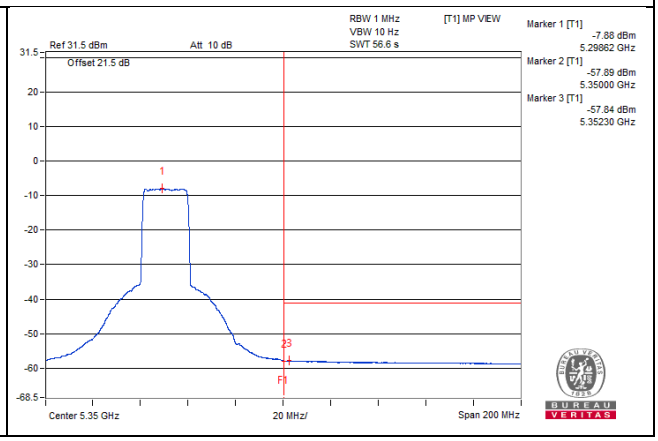
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5352.07 PK	75.2	74	*1.2	-29.36	-29.64	6.43	-20.06
2	5352.1 AV	46.83	54	-7.17	-57.87	-57.87	6.43	-48.43

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

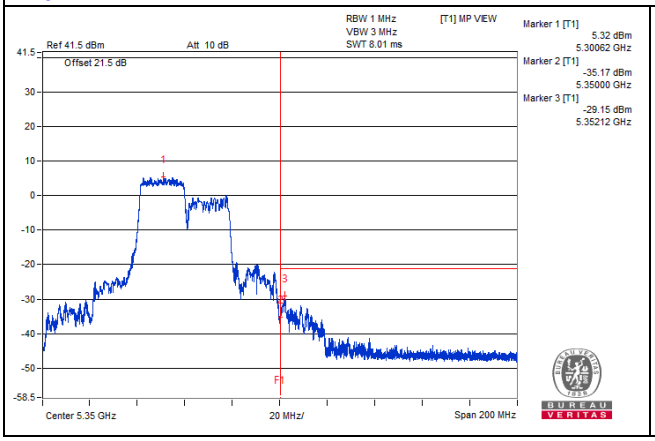
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

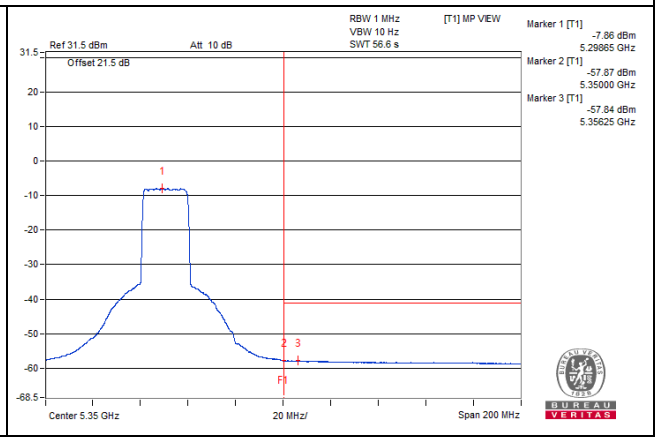
Chain 0





Chain 1





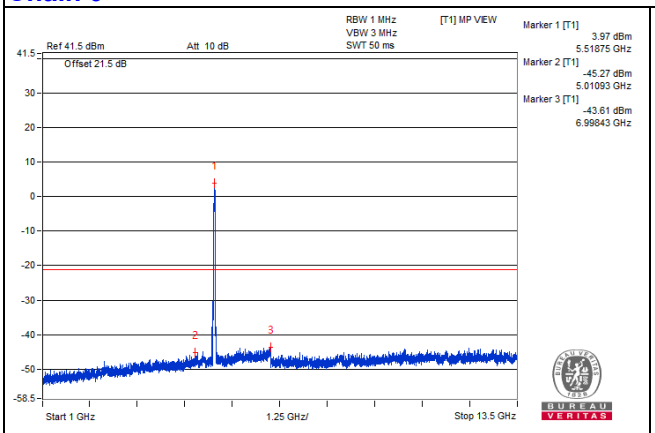
Channel 102

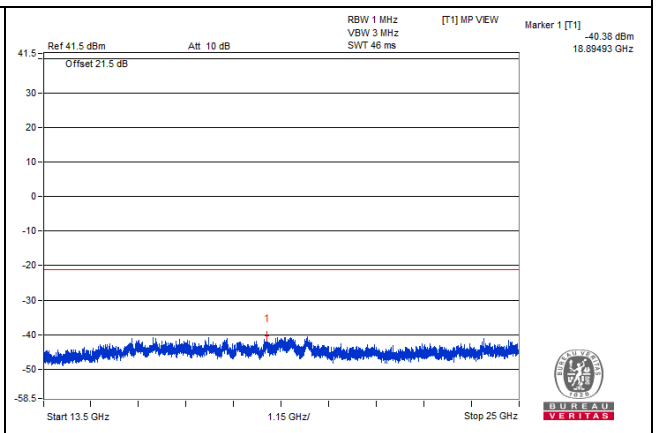
Conducted spurious emission table

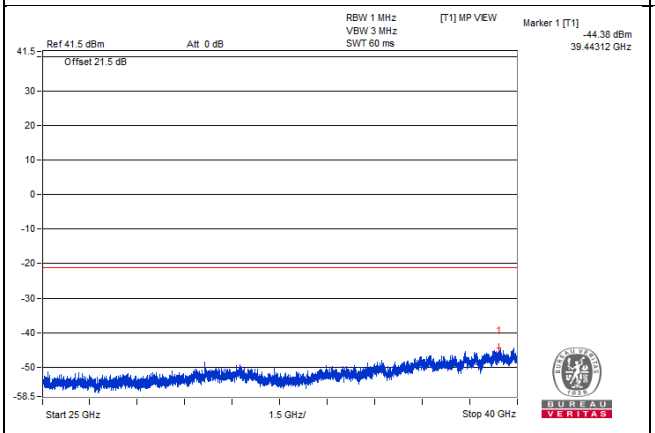
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (Db)	Raw Value (dBm)		Correction Factor (Db)	EIRP Level (dBm)
					Chain0	Chain1		
1	1303.83 PK	54.35	74	-19.65	-52.57	-51.65	8.17	-40.91
2	1304.68 AV	43.32	54	-10.68	-63.16	-63.09	8.17	-51.94
3	7346.87 PK	59.07	74	-14.93	-46.68	-48.19	8.17	-36.19
4	7339.06 AV	47.89	54	-6.11	-58.38	-58.72	8.17	-47.37
5	11015.62 PK	59.88	74	-14.12	-46.36	-46.76	8.17	-35.38
6	11010.93 AV	48.89	54	-5.11	-57.46	-57.65	8.17	-46.37
7	16534.56 PK	63.42	68.2	-4.78	-44.45	-41.94	8.17	-31.84

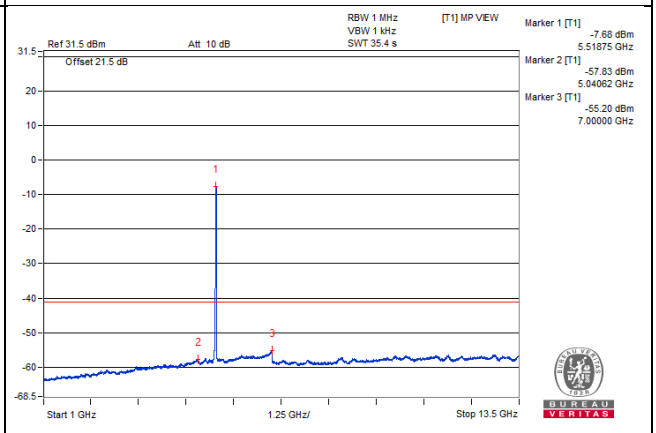
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

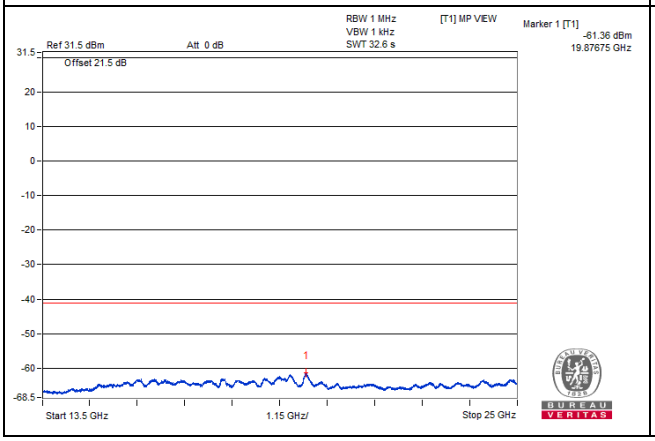
Chain 0

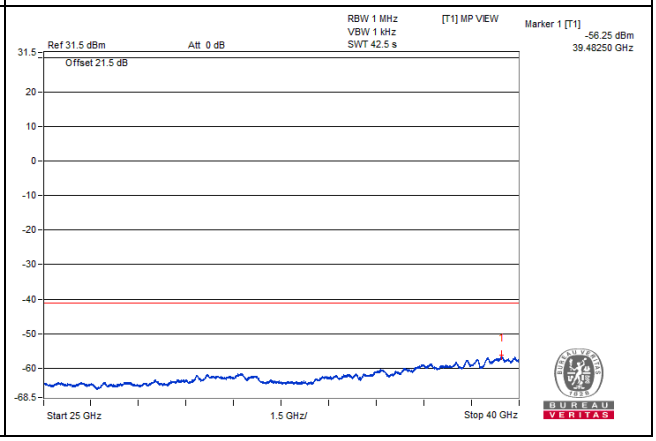

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
3.97 dBm
5.51875 GHz
Marker 2 [T1]
-45.27 dBm
5.01093 GHz
Marker 3 [T1]
-43.61 dBm
6.99843 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.38 dBm
18.89493 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

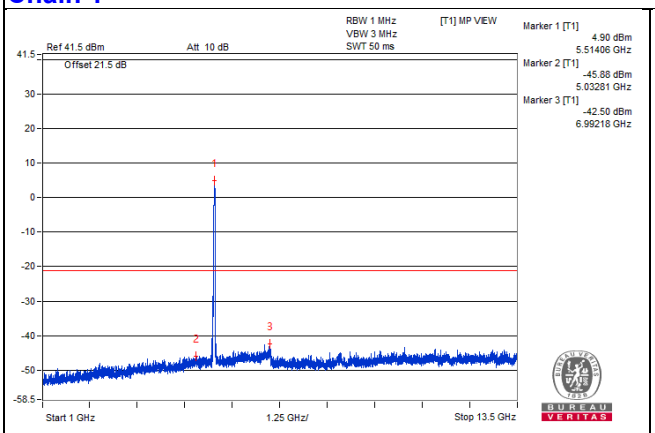

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.38 dBm
39.44312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

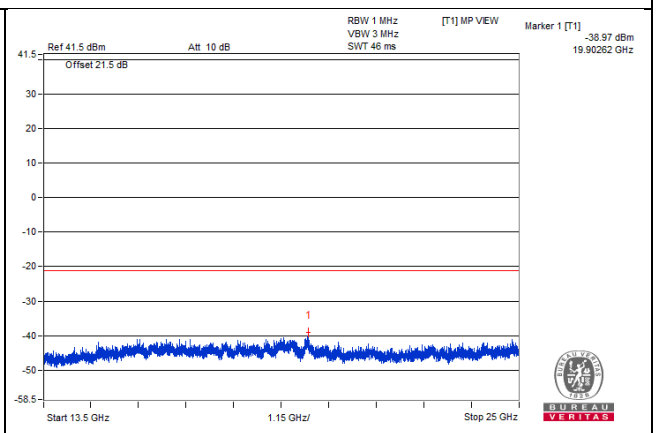

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-7.68 dBm
5.51875 GHz
Marker 2 [T1]
-57.83 dBm
5.04062 GHz
Marker 3 [T1]
-55.20 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

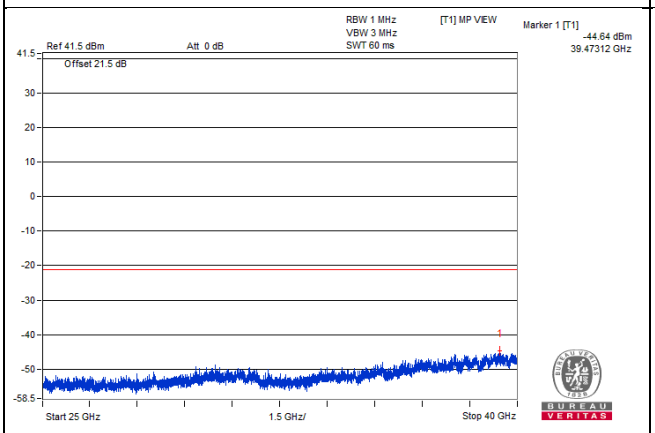

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.36 dBm
19.87675 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

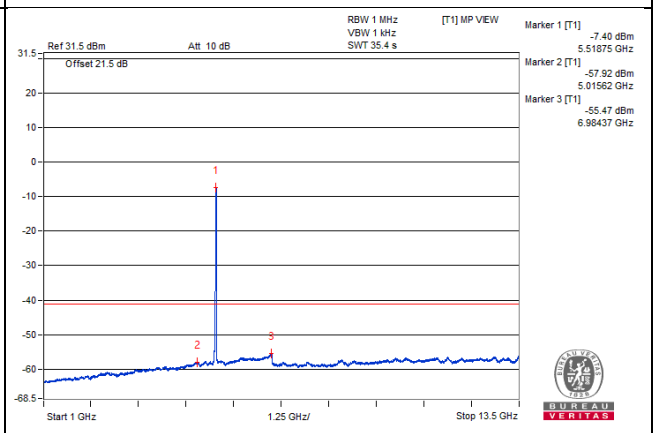

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.25 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

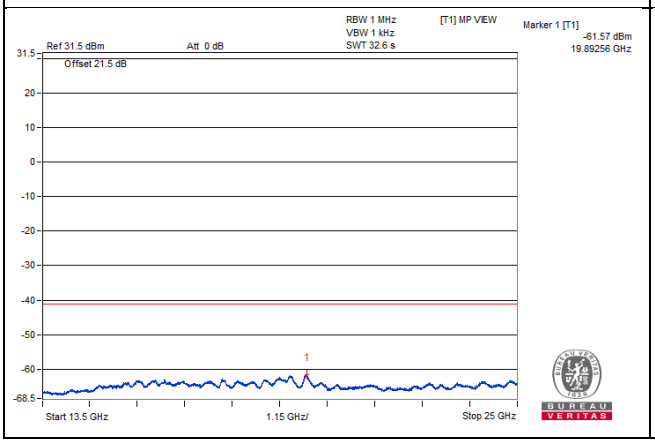
Chain 1

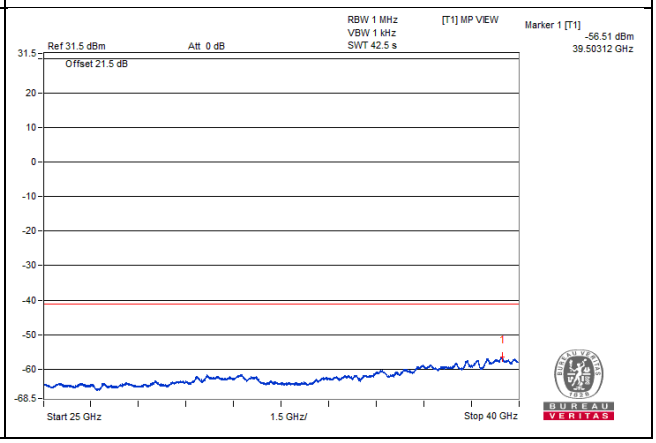

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
4.90 dBm
5.51406 GHz
Marker 2 [T1]
-45.88 dBm
5.03281 GHz
Marker 3 [T1]
-42.50 dBm
6.99218 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-38.97 dBm
19.90262 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.64 dBm
39.47312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-7.40 dBm
5.51875 GHz
Marker 2 [T1]
-57.92 dBm
5.01562 GHz
Marker 3 [T1]
-55.47 dBm
6.98437 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.57 dBm
19.89256 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.51 dBm
39.50312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

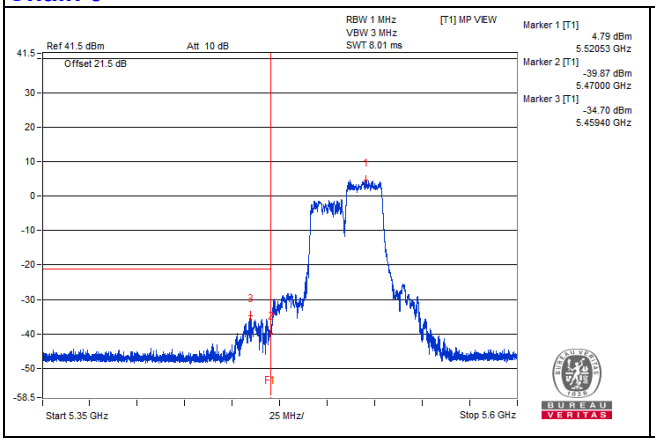
Bandedge table

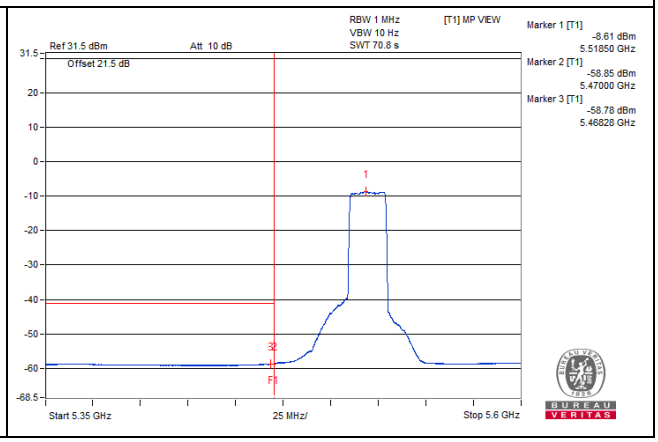
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5459.4 PK	71.12	74	-2.88	-34.7	-35.25	7.82	-24.14
2	5359.62 AV	47.31	54	-6.69	-58.79	-58.77	7.82	-47.95
3	5467.96 PK	70.16	68.2	*1.96	-35.79	-36.08	7.82	-25.1

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

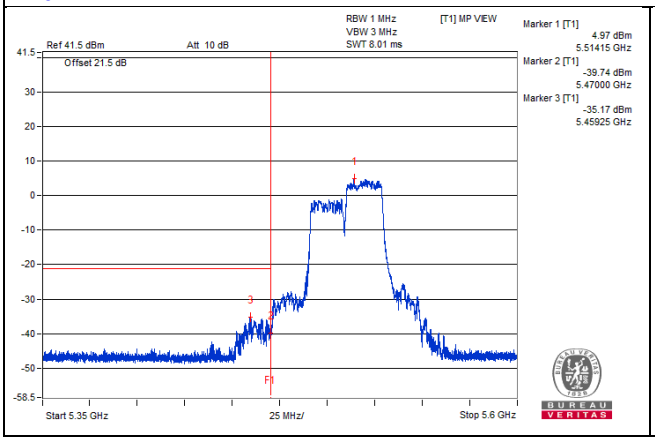
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

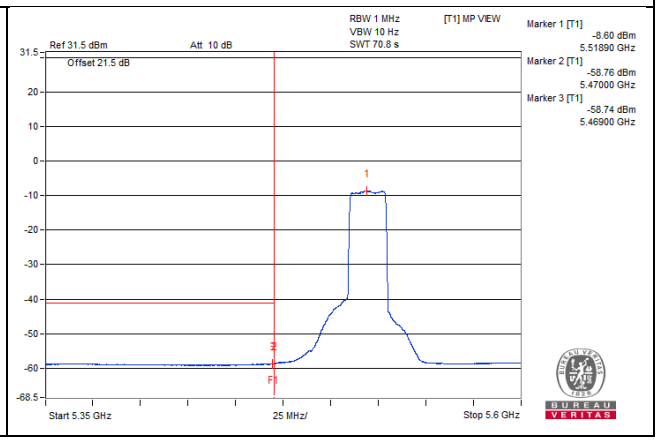
Chain 0





Chain 1





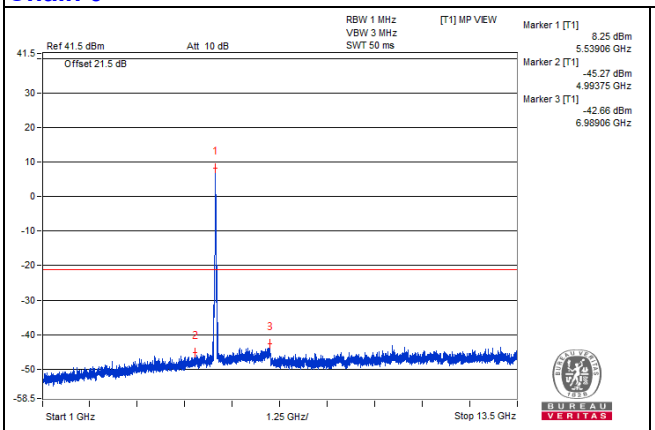
Channel 110

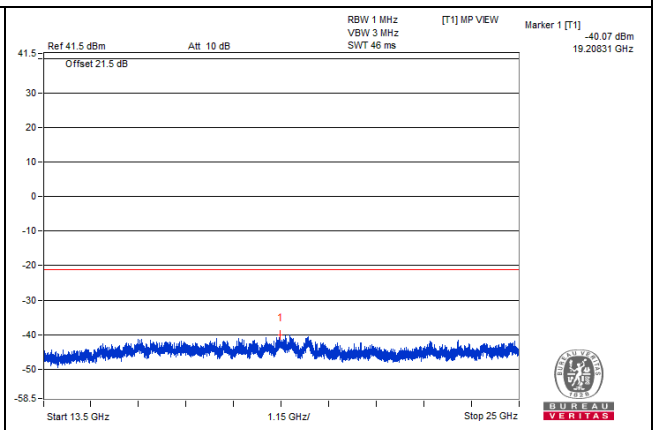
Conducted spurious emission table

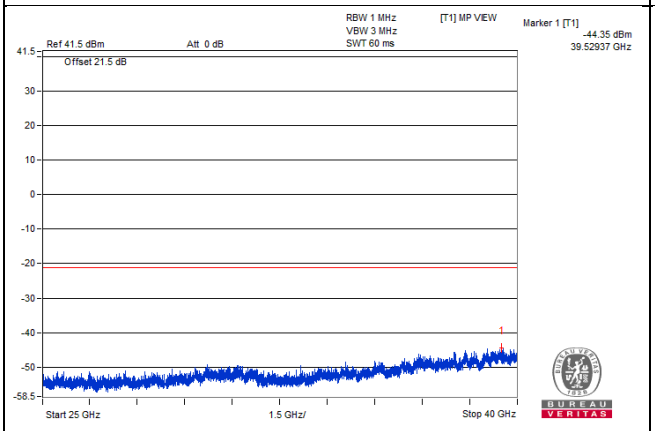
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1339.06 PK	54.23	74	-19.77	-52.8	-51.7	8.17	-41.03
2	1342.18 AV	43.39	54	-10.61	-62.93	-63.18	8.17	-51.87
3	7395.31 PK	58.82	74	-15.18	-47.63	-47.61	8.17	-36.44
4	7409.37 AV	47.58	54	-6.42	-58.86	-58.86	8.17	-47.68
5	11100 PK	60.14	74	-13.86	-46.57	-46.05	8.17	-35.12
6	11090.62 AV	49.23	54	-4.77	-57.41	-57.02	8.17	-46.03
7	16642.37 PK	63.74	68.2	-4.46	-44.8	-41.29	8.17	-31.52

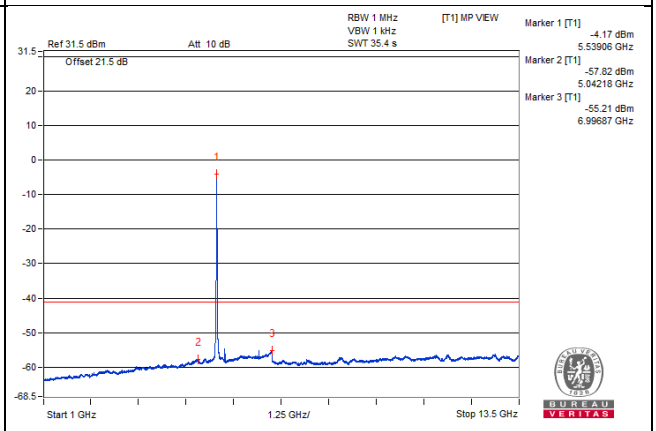
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

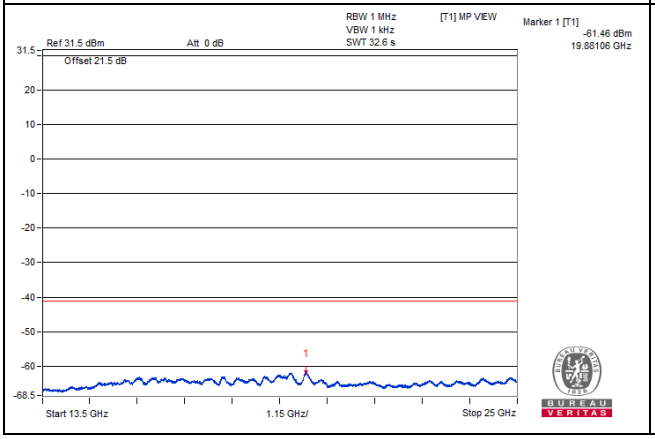
Chain 0

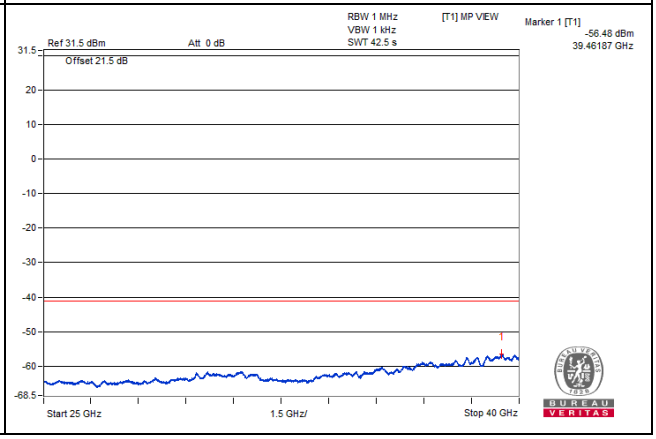

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
8.25 dBm
5.53906 GHz
Marker 2 [T1]
-45.27 dBm
4.99375 GHz
Marker 3 [T1]
-42.66 dBm
6.98906 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.07 dBm
19.20831 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

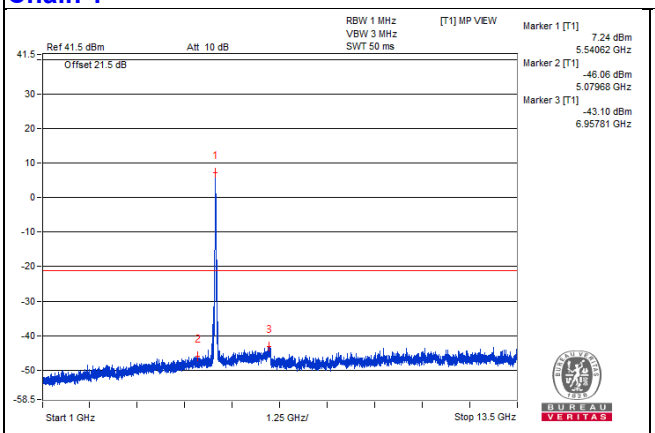

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.35 dBm
39.52937 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

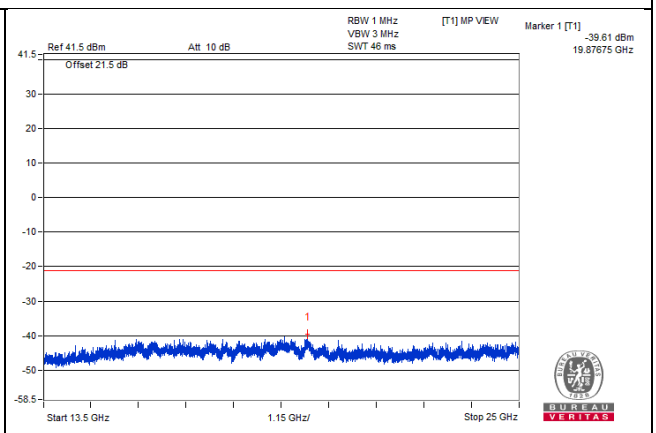

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-4.17 dBm
5.53906 GHz
Marker 2 [T1]
-57.82 dBm
5.04218 GHz
Marker 3 [T1]
-55.21 dBm
6.99687 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

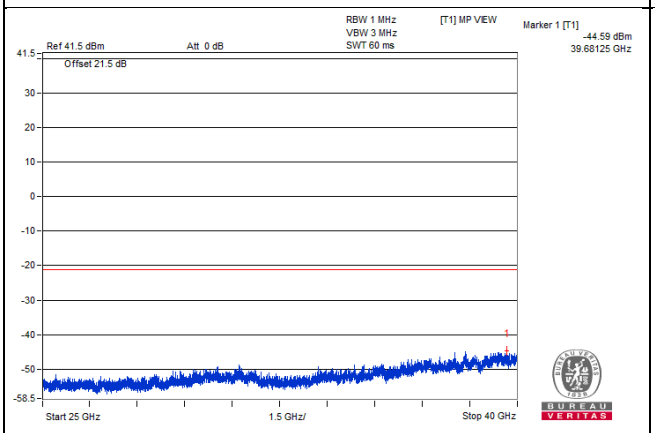

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.46 dBm
19.88106 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

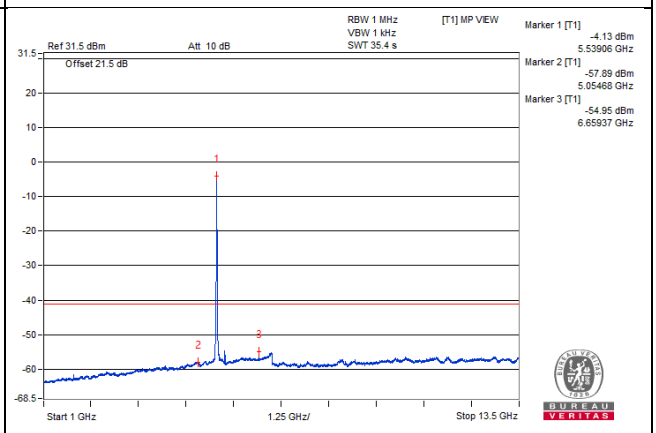

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.48 dBm
39.46187 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

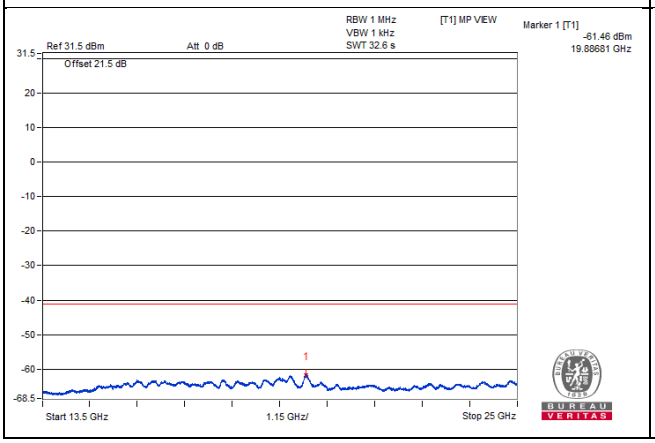
Chain 1

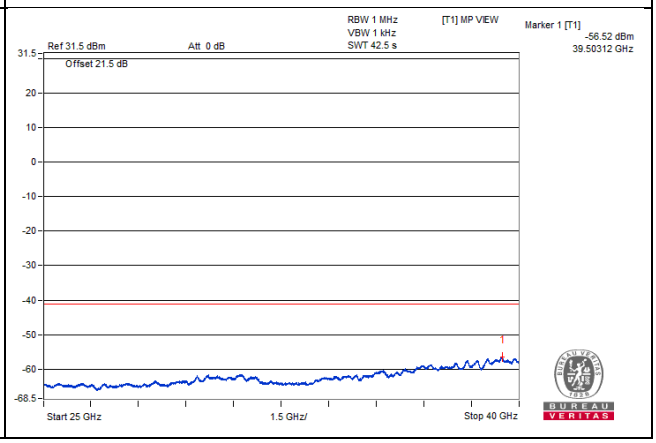

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.24 dBm
5.54062 GHz
Marker 2 [T1]
-46.06 dBm
5.07968 GHz
Marker 3 [T1]
-43.10 dBm
6.95781 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.61 dBm
19.87675 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.59 dBm
39.68125 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-4.13 dBm
5.53906 GHz
Marker 2 [T1]
-57.89 dBm
5.05468 GHz
Marker 3 [T1]
-54.95 dBm
6.65937 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.46 dBm
19.88681 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

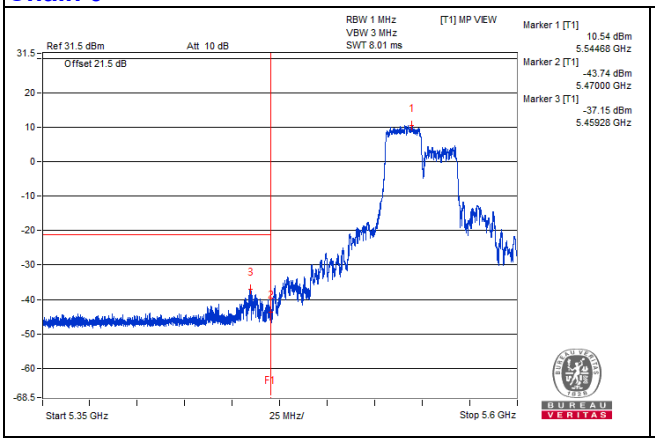

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.52 dBm
39.50312 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

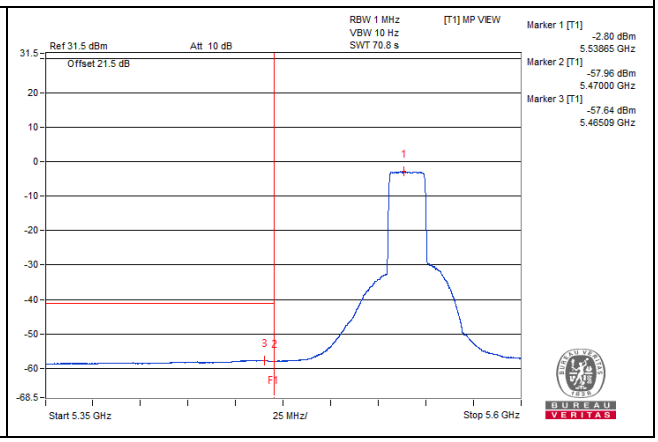
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5458.93 PK	67.7	74	-6.3	-37.36	-39.75	7.82	-27.56
2	5457.31 AV	48.45	54	-5.55	-57.71	-57.57	7.82	-46.81
3	5462.21 PK	66.52	68.2	-1.68	-39.54	-39.61	7.82	-28.74

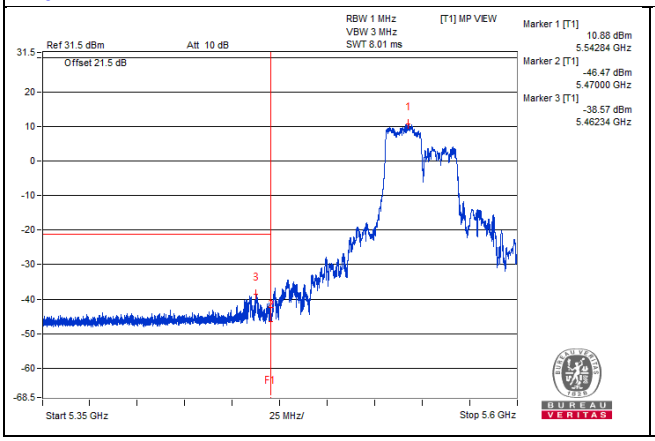
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

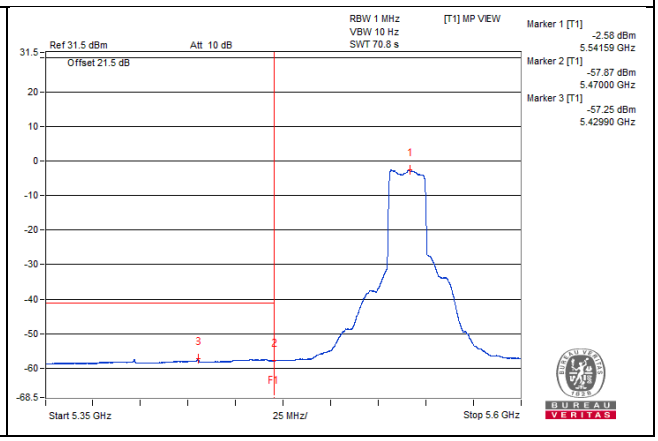
Chain 0





Chain 1





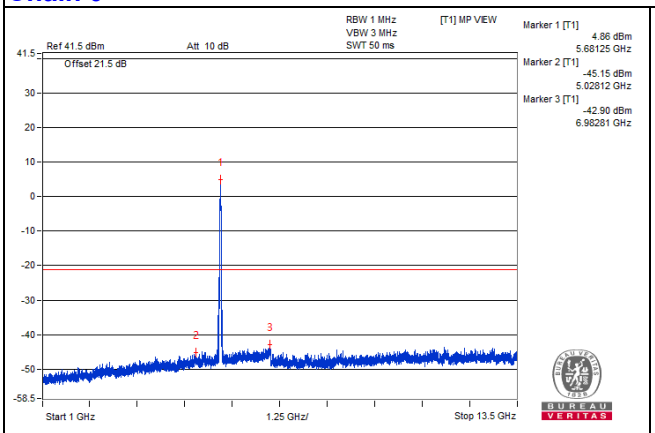
Channel 134

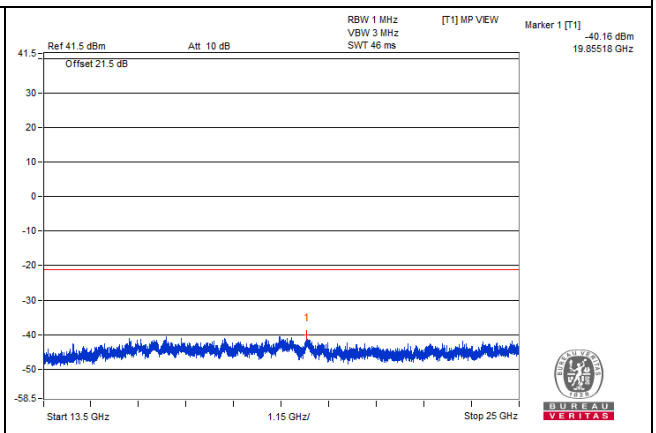
Conducted spurious emission table

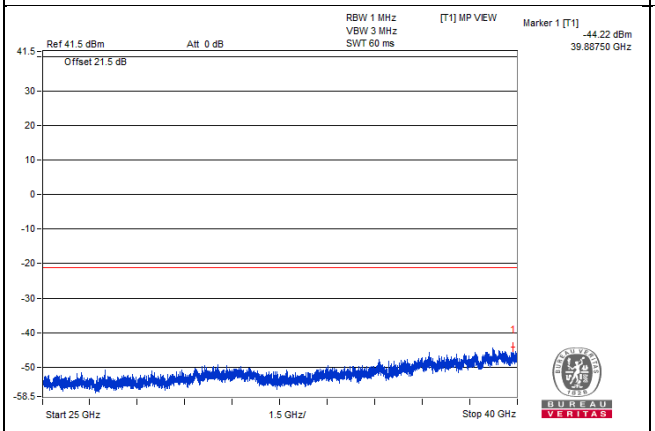
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1459.37 PK	54.72	74	-19.28	-52.53	-51.03	8.17	-40.54
2	1471.87 AV	43.54	54	-10.46	-62.97	-62.83	8.17	-51.72
3	7567.18 PK	59.12	74	-14.88	-47.51	-47.14	8.17	-36.14
4	7554.68 AV	47.84	54	-6.16	-58.55	-58.66	8.17	-47.42
5	11343.75 PK	61.74	74	-12.26	-44.53	-44.88	8.17	-33.52
6	11345.31 AV	49.58	54	-4.42	-56.82	-56.91	8.17	-45.68
7	17001.75 PK	63.28	68.2	-4.92	-42.39	-44.09	8.17	-31.98

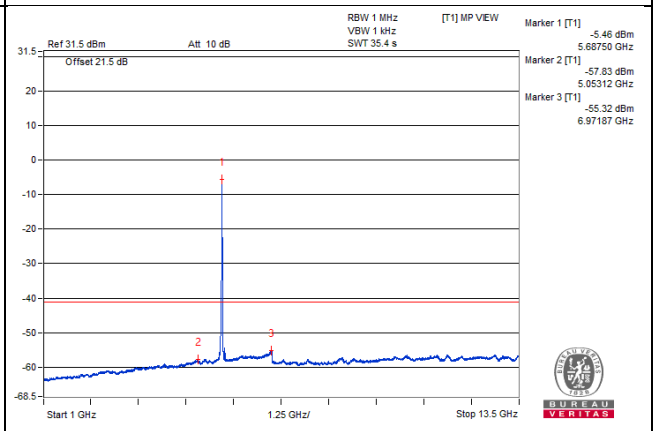
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

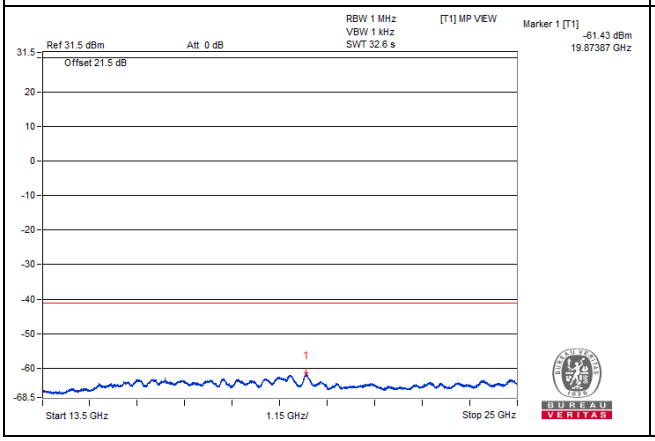
Chain 0

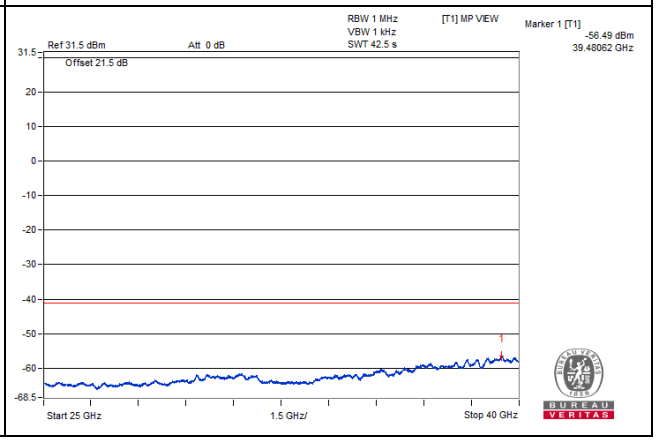

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
4.86 dBm
5.68125 GHz
Marker 2 [T1]
-45.15 dBm
5.02812 GHz
Marker 3 [T1]
-42.90 dBm
6.98281 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.16 dBm
19.85518 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

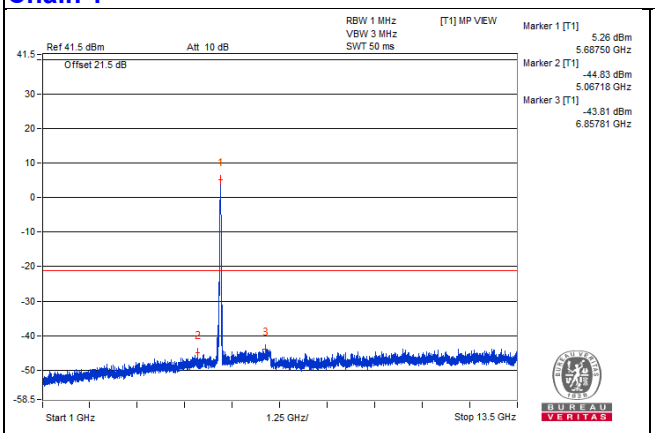

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.22 dBm
39.88750 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

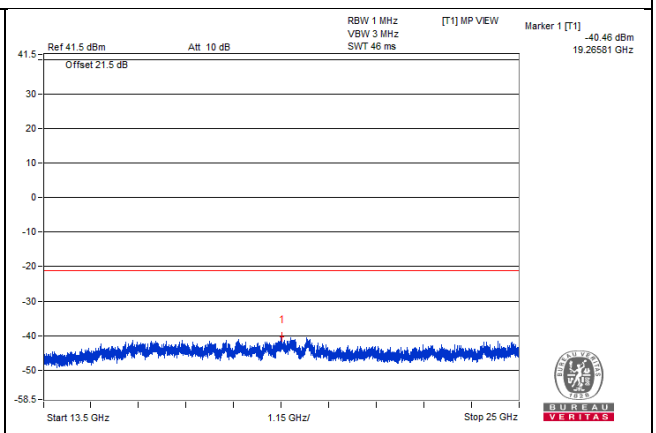

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-5.46 dBm
5.68750 GHz
Marker 2 [T1]
-57.83 dBm
5.05312 GHz
Marker 3 [T1]
-55.32 dBm
6.97187 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

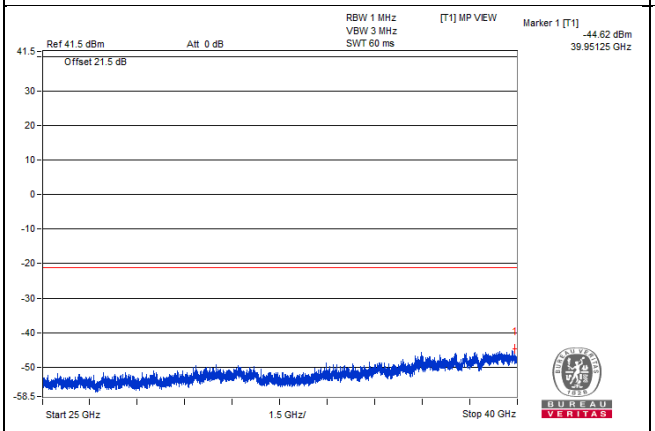

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.43 dBm
19.87387 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

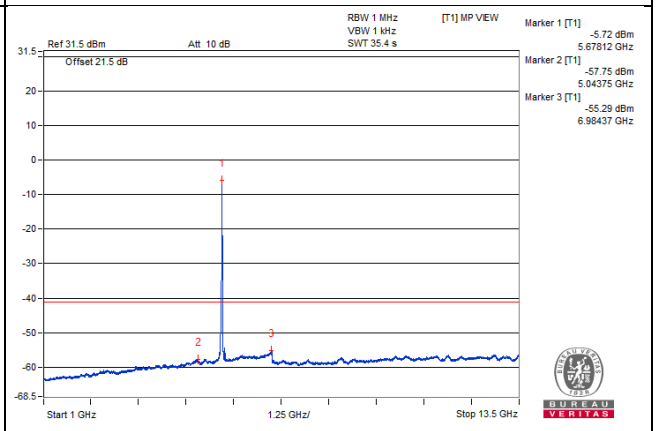

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.49 dBm
39.48062 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

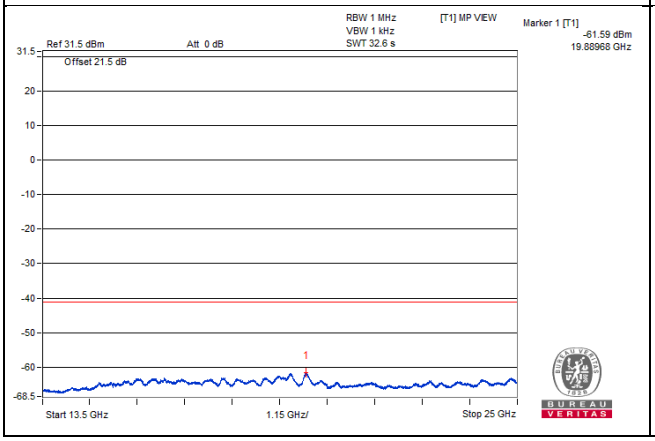
Chain 1

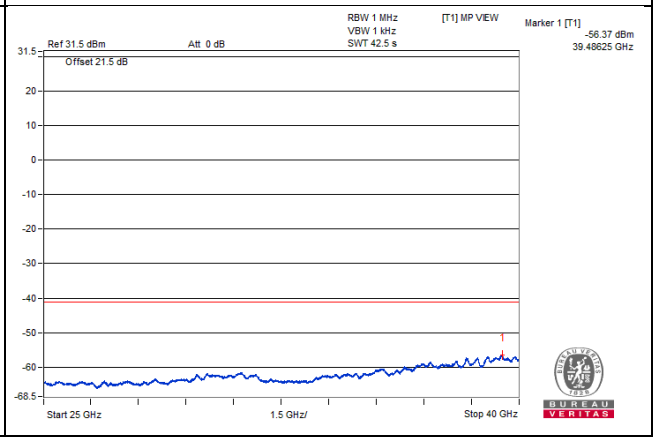

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
5.26 dBm
5.68750 GHz
Marker 2 [T1]
-44.83 dBm
5.06718 GHz
Marker 3 [T1]
-43.81 dBm
6.85781 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.46 dBm
19.26581 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.62 dBm
39.95125 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-5.72 dBm
5.67812 GHz
Marker 2 [T1]
-57.75 dBm
5.04375 GHz
Marker 3 [T1]
-55.29 dBm
6.98437 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.59 dBm
19.88968 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.37 dBm
39.48625 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

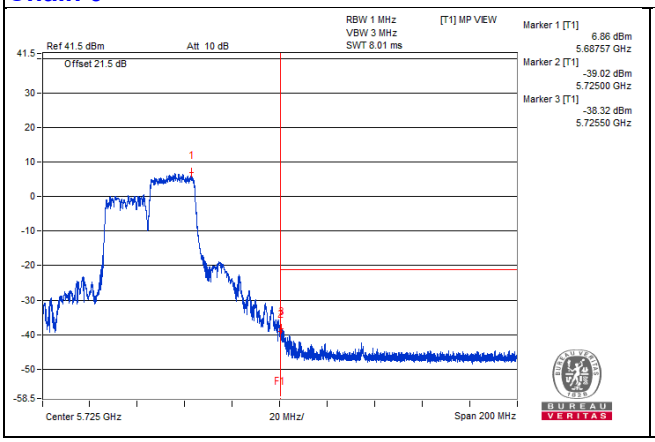
Bandedge table

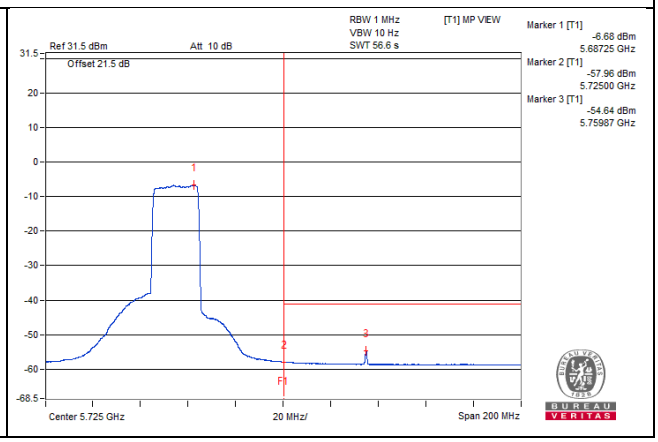
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5725.52 PK	68.25	68.2	*0.05	-37.6	-38.09	7.82	-27.01

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

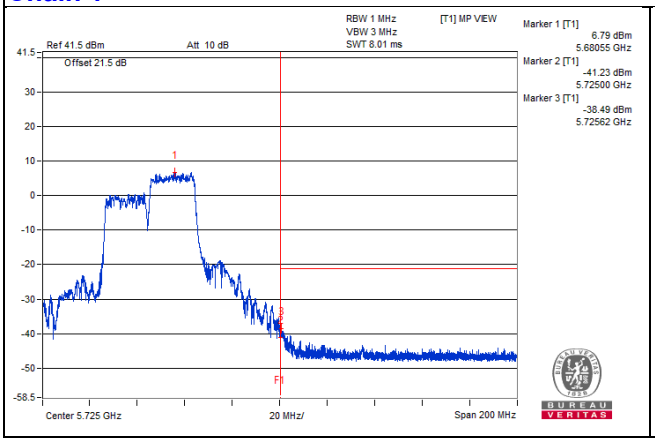
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

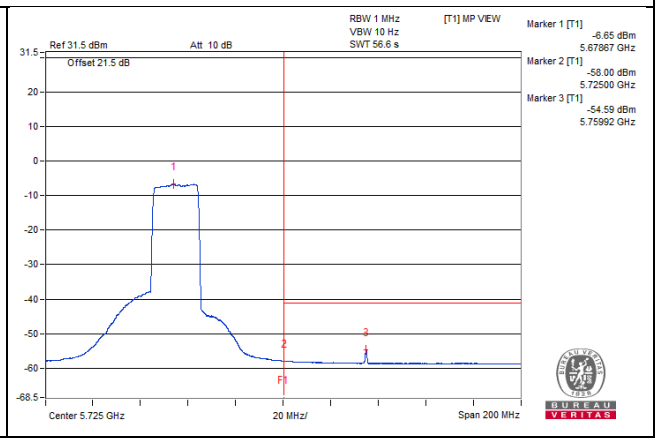
Chain 0





Chain 1





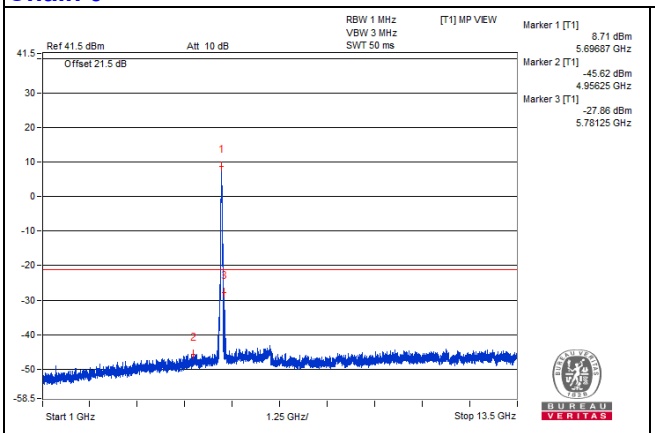
Channel 142

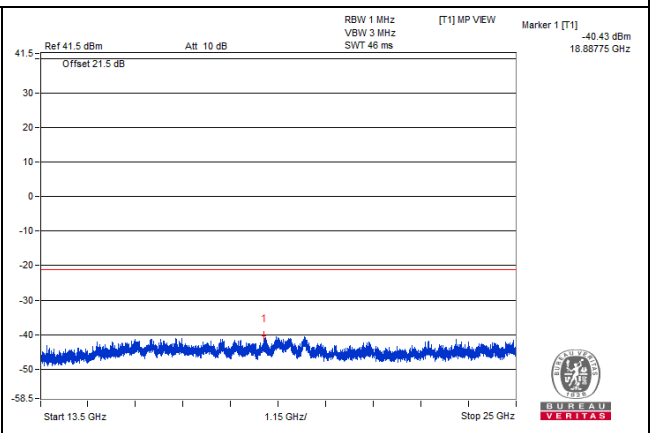
Conducted spurious emission table

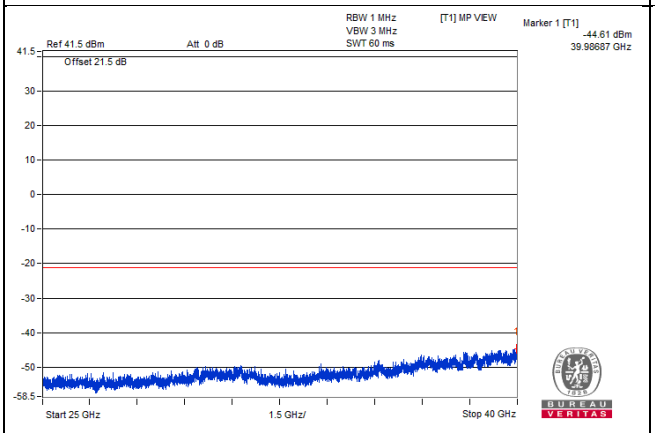
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1510.93 PK	54.7	74	-19.3	-51.08	-52.52	8.17	-40.56
2	1496.87 AV	43.57	54	-10.43	-62.9	-62.85	8.17	-51.69
3	7604.68 PK	59.61	74	-14.39	-46.95	-46.72	8.17	-35.65
4	7606.25 AV	47.95	54	-6.05	-58.61	-58.38	8.17	-47.31
5	11418.75 PK	59.91	74	-14.09	-46.05	-47.07	8.17	-35.35
6	11410.93 AV	49.11	54	-4.89	-57.33	-57.34	8.17	-46.15
7	17136.87 PK	62.77	68.2	-5.43	-43.06	-44.37	8.17	-32.49

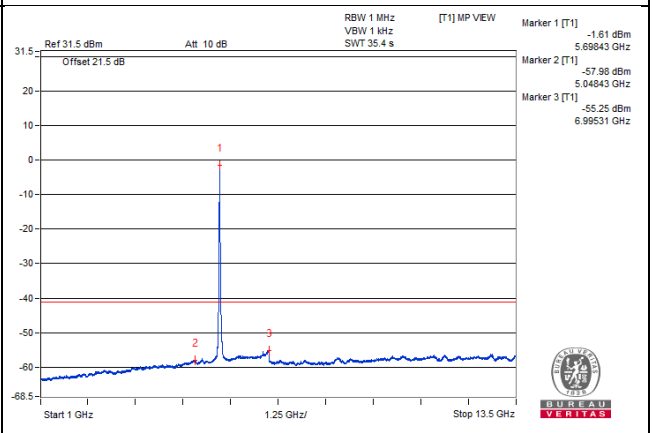
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

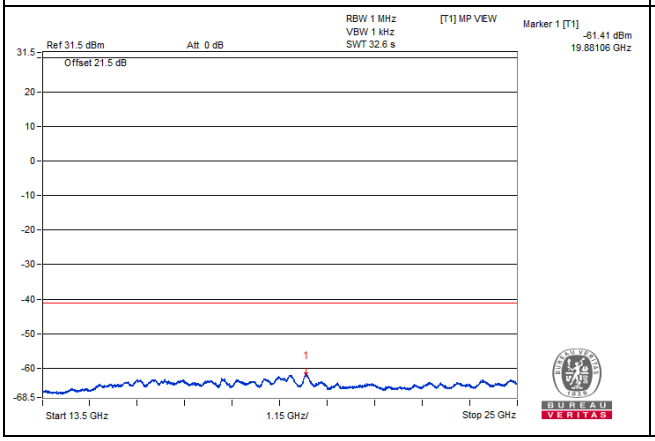
Chain 0

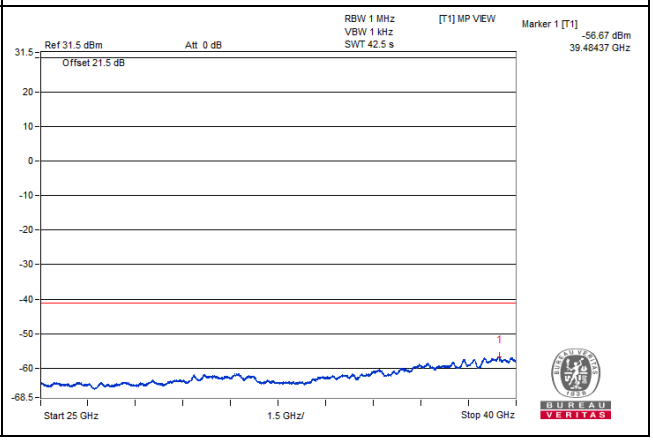

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
8.71 dBm
5.69687 GHz
Marker 2 [T1]
-45.62 dBm
4.95625 GHz
Marker 3 [T1]
-27.86 dBm
5.78125 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.43 dBm
18.88775 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

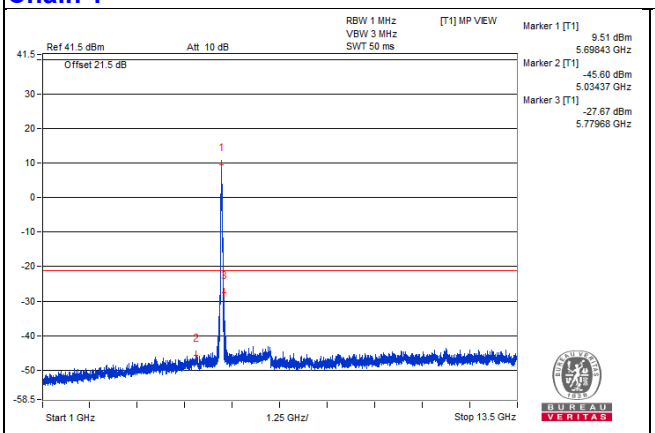

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.61 dBm
39.98687 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

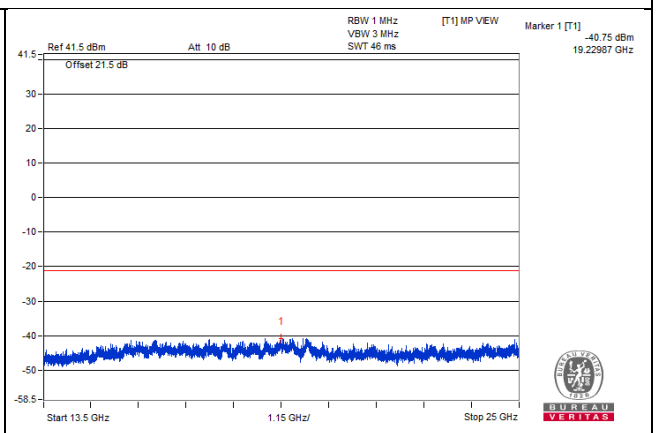

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-1.61 dBm
5.69843 GHz
Marker 2 [T1]
-57.98 dBm
5.04843 GHz
Marker 3 [T1]
-55.25 dBm
6.99531 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

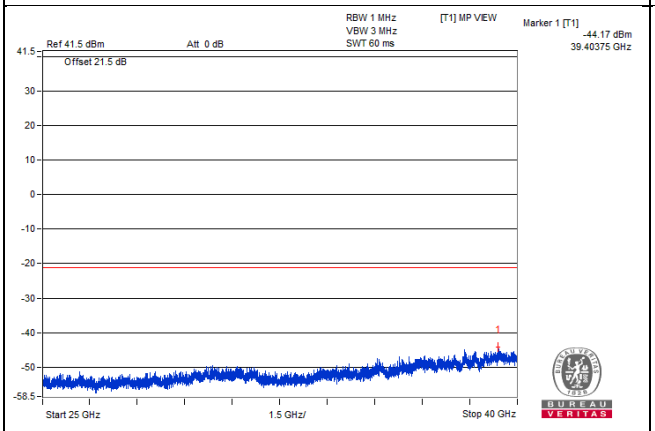

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.41 dBm
19.88106 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

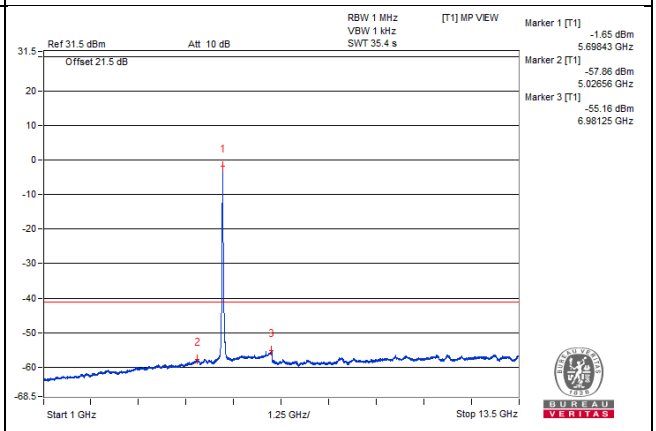

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.67 dBm
39.48437 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

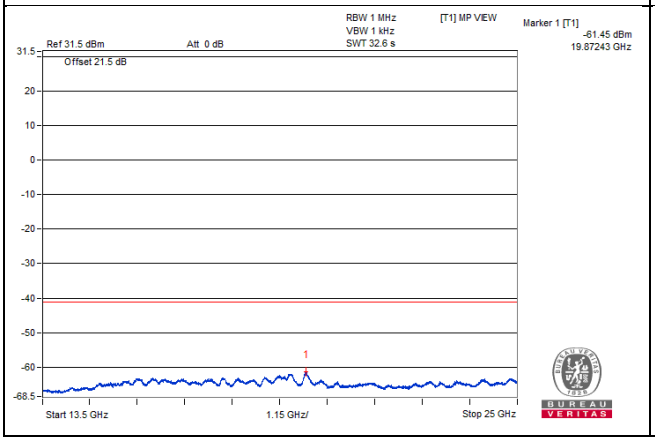
Chain 1

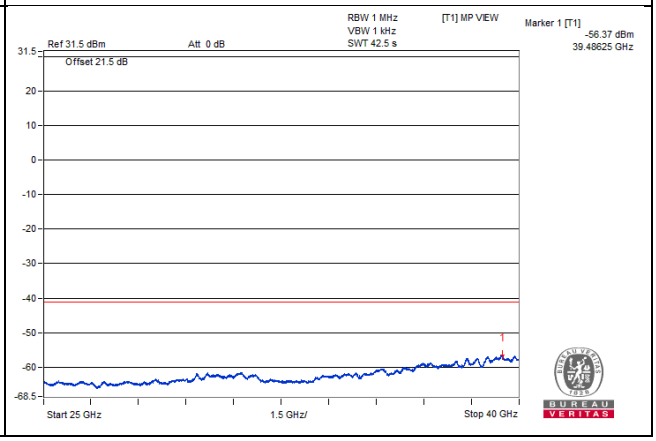

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
9.51 dBm
5.69843 GHz
Marker 2 [T1]
-45.60 dBm
5.03437 GHz
Marker 3 [T1]
-27.67 dBm
5.77968 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.75 dBm
19.22987 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.17 dBm
39.40375 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-1.65 dBm
5.69843 GHz
Marker 2 [T1]
-57.86 dBm
5.02656 GHz
Marker 3 [T1]
-55.16 dBm
6.98125 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.45 dBm
19.87243 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

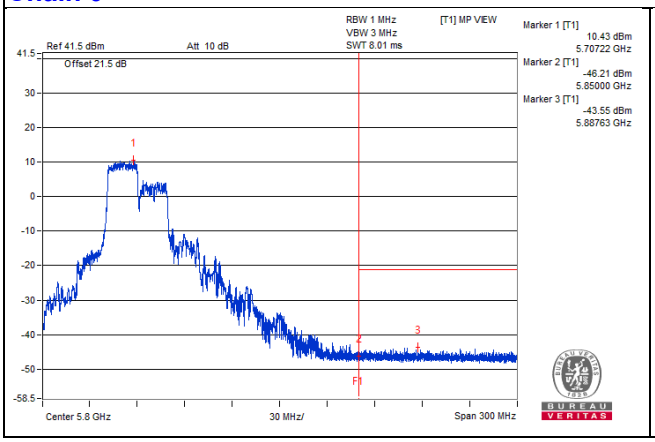

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.37 dBm
39.48625 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

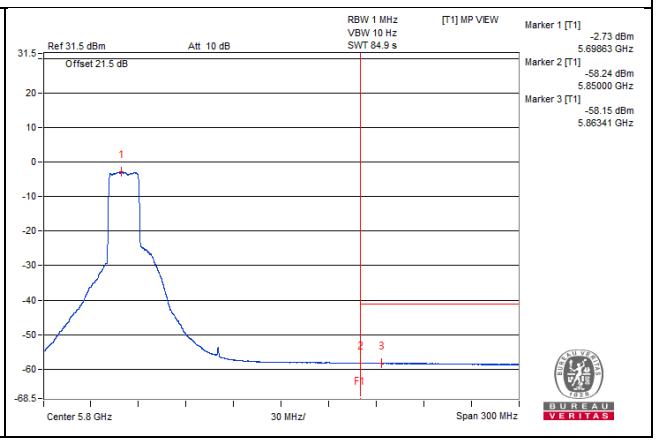
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5887.63 PK	61.53	68.2	-6.67	-43.55	-45.87	7.82	-33.73

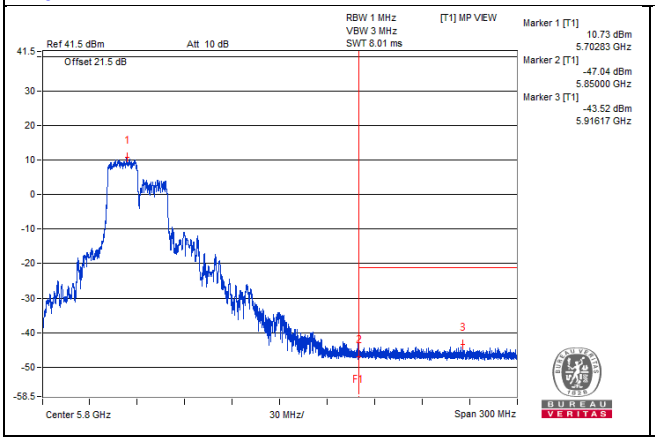
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

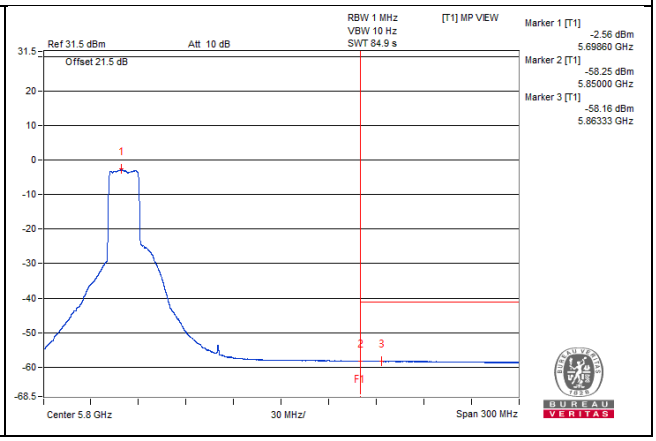
Chain 0





Chain 1





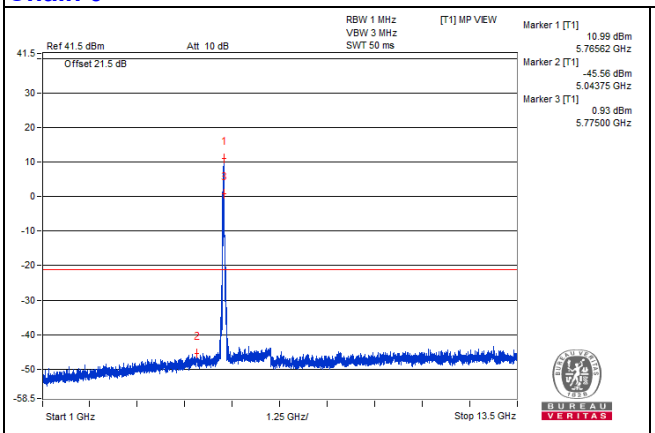
Channel 151

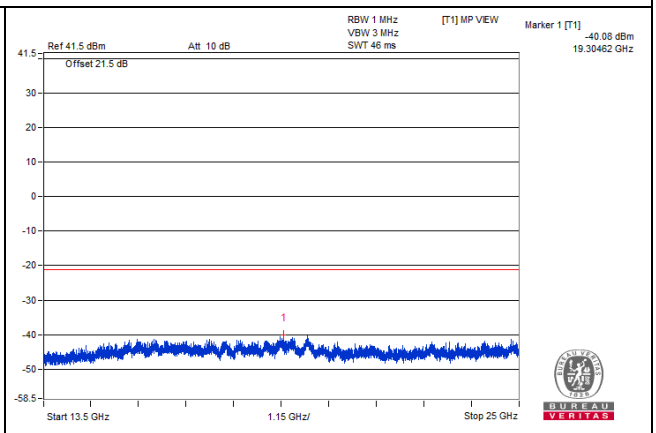
Conducted spurious emission table

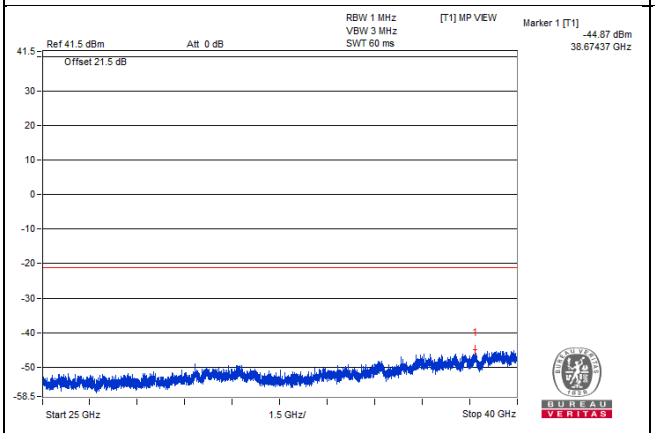
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1559.37 PK	54.93	74	-19.07	-51.52	-51.51	8.17	-40.33
2	1559.37 AV	43.51	54	-10.49	-62.97	-62.9	8.17	-51.75
3	7668.75 PK	58.23	74	-15.77	-48.45	-47.98	8.17	-37.03
4	7664.06 AV	47.55	54	-6.45	-58.77	-59.01	8.17	-47.71
5	11517.18 PK	60.17	74	-13.83	-44.81	-48.47	8.17	-35.09
6	11500 AV	48.75	54	-5.25	-57.68	-57.7	8.17	-46.51
7	17273.43 PK	62.41	68.2	-5.79	-43.21	-45.03	8.17	-32.85

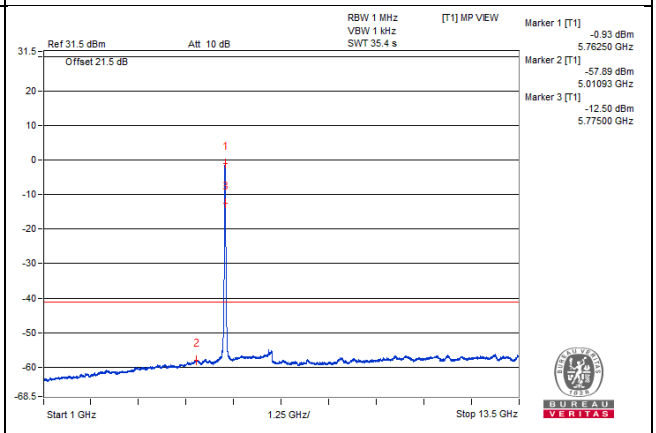
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

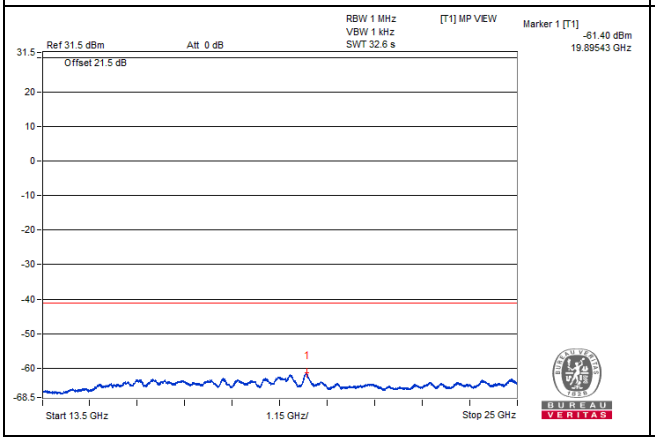
Chain 0

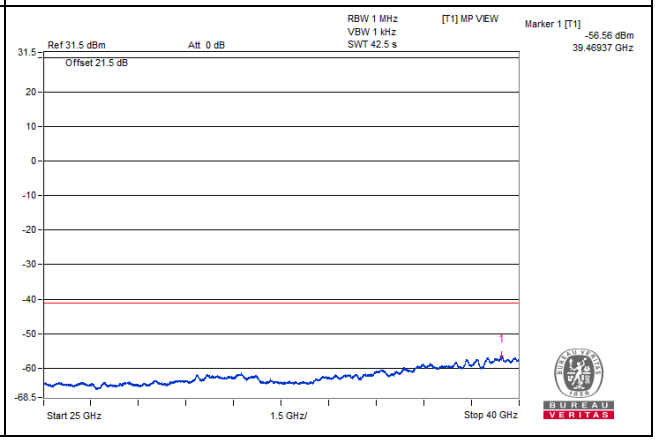

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
10.99 dBm
5.76562 GHz
Marker 2 [T1]
-45.56 dBm
5.04375 GHz
Marker 3 [T1]
0.93 dBm
5.77500 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.08 dBm
19.30462 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

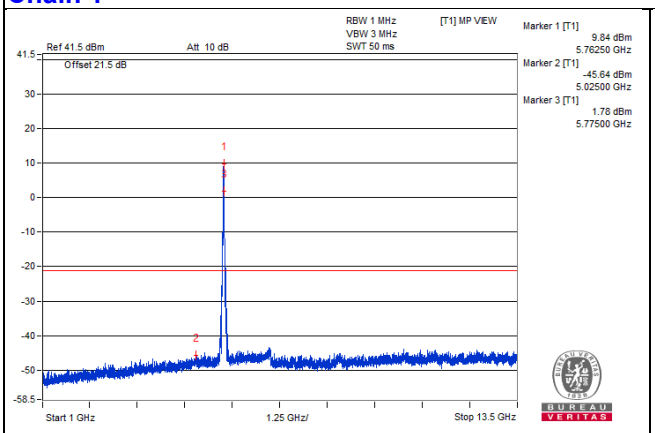

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.87 dBm
38.67437 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

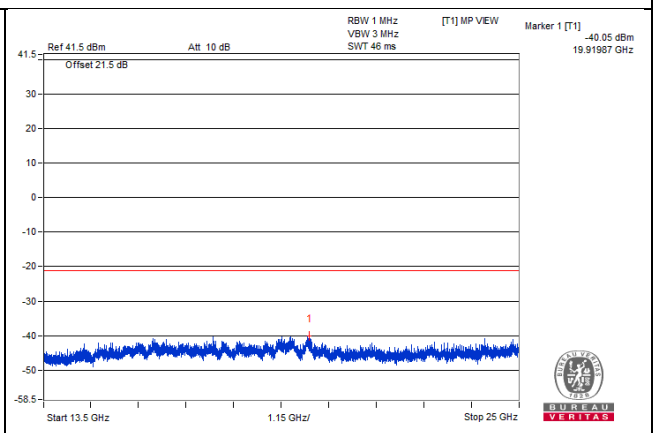

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-0.93 dBm
5.76250 GHz
Marker 2 [T1]
-57.89 dBm
5.01093 GHz
Marker 3 [T1]
-12.50 dBm
5.77500 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

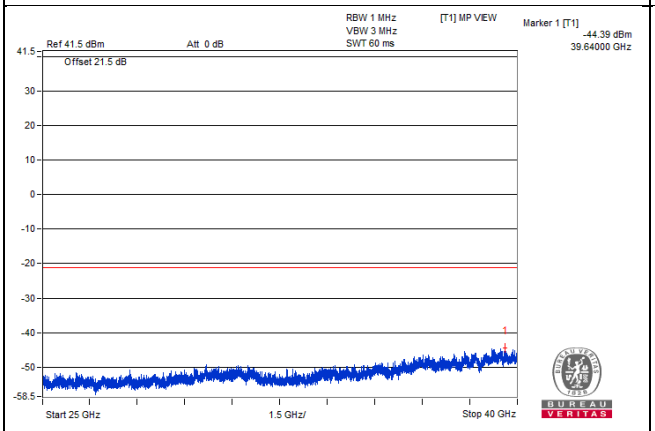

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.40 dBm
19.89543 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

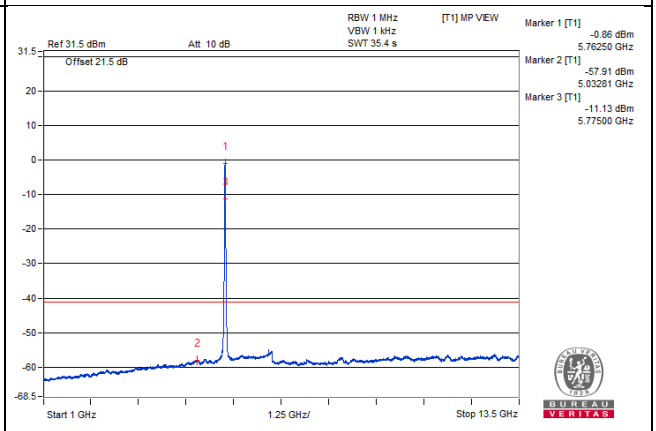

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.56 dBm
39.46937 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

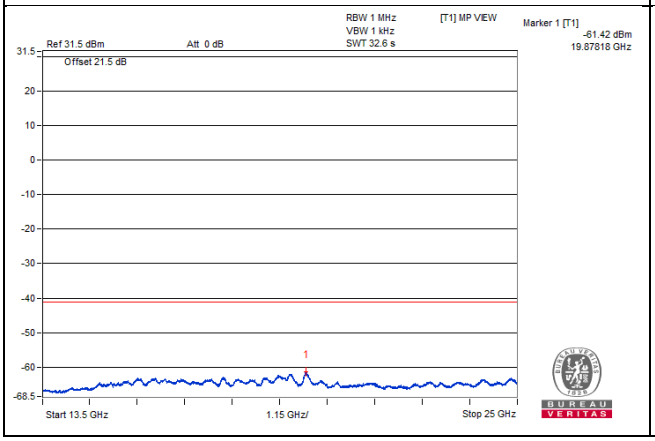
Chain 1

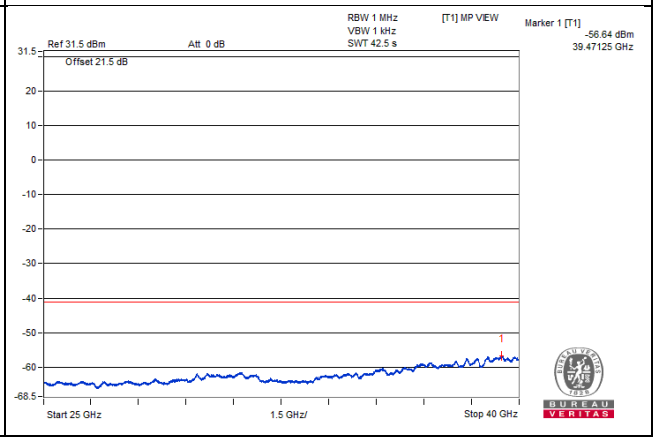

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
9.84 dBm
5.76250 GHz
Marker 2 [T1]
-45.64 dBm
5.02500 GHz
Marker 3 [T1]
1.78 dBm
5.77500 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.05 dBm
19.91987 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.39 dBm
39.64000 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

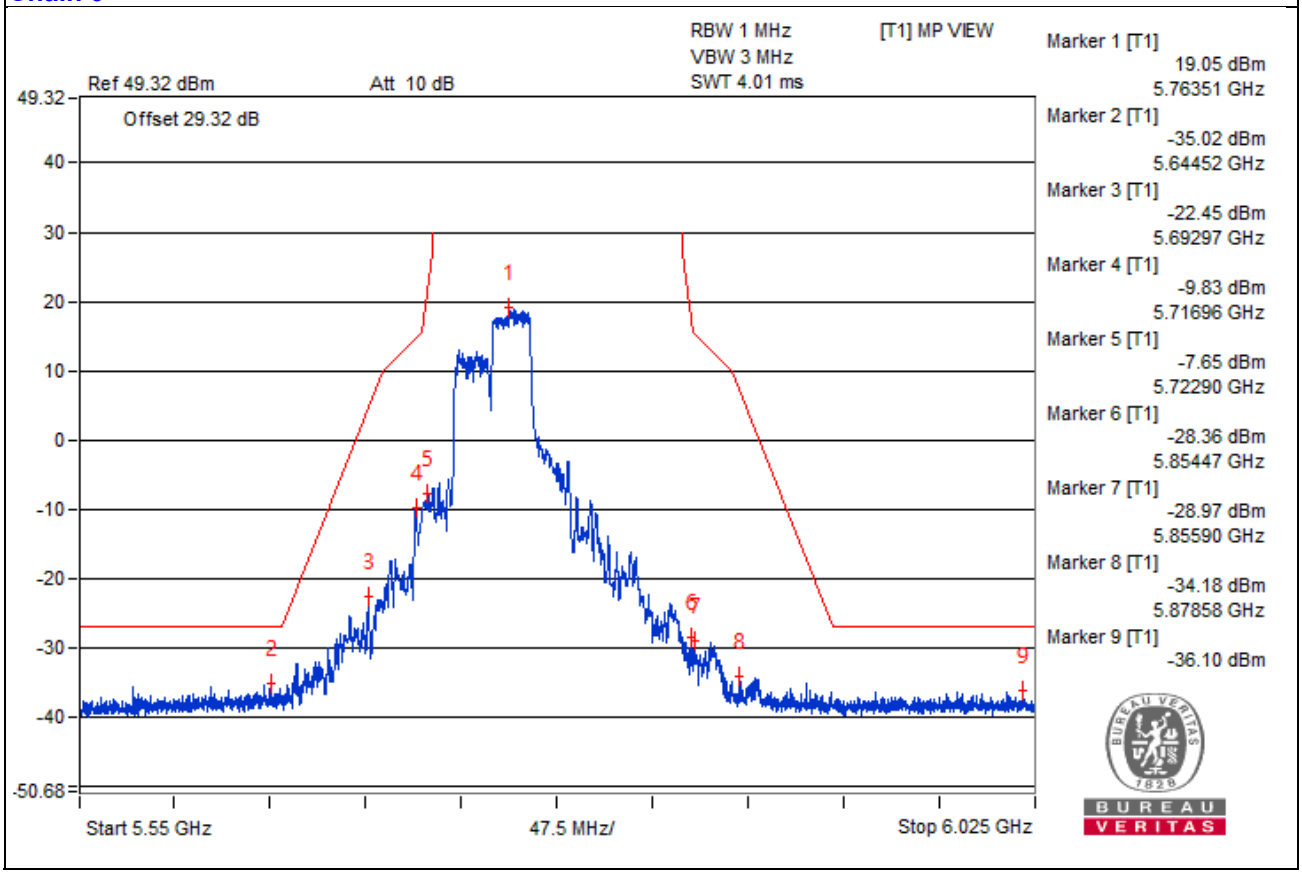

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-0.86 dBm
5.76250 GHz
Marker 2 [T1]
-57.91 dBm
5.03281 GHz
Marker 3 [T1]
-11.13 dBm
5.77500 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.42 dBm
19.87818 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

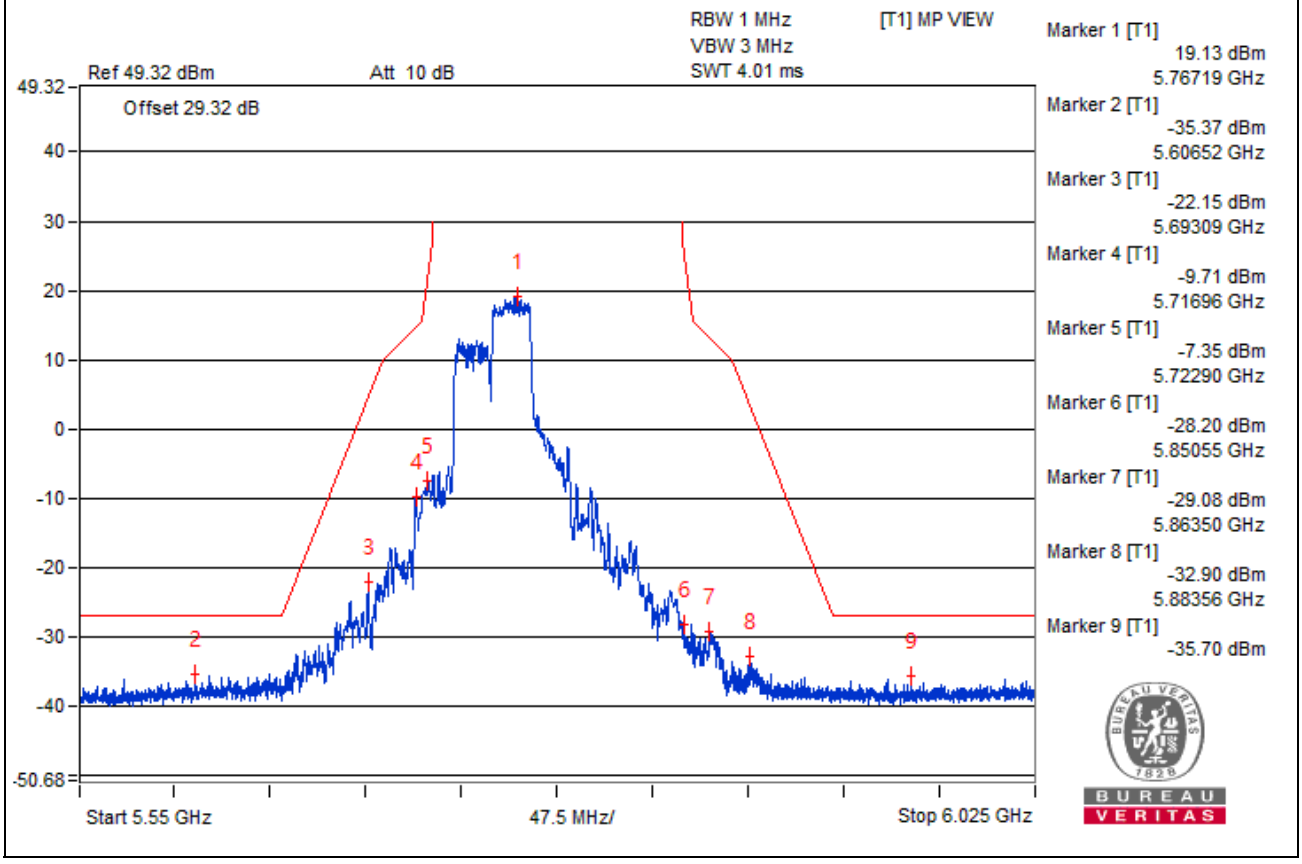

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.64 dBm
39.47125 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



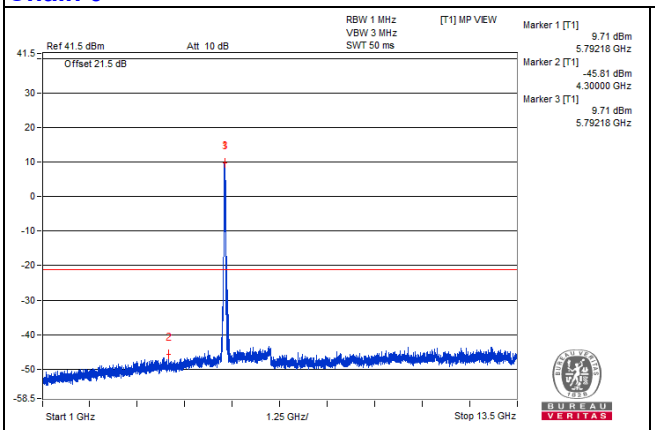
Channel 159

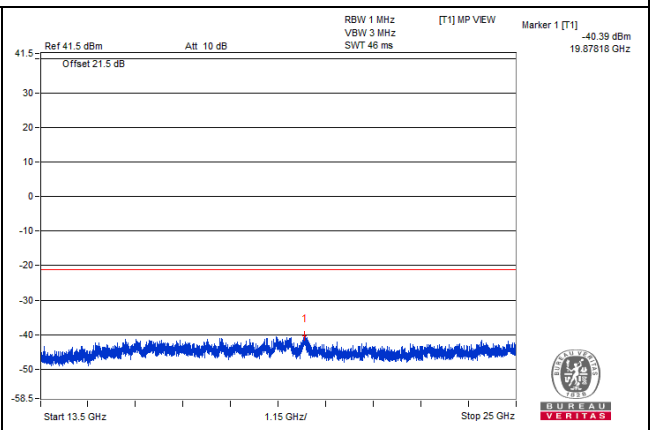
Conducted spurious emission table

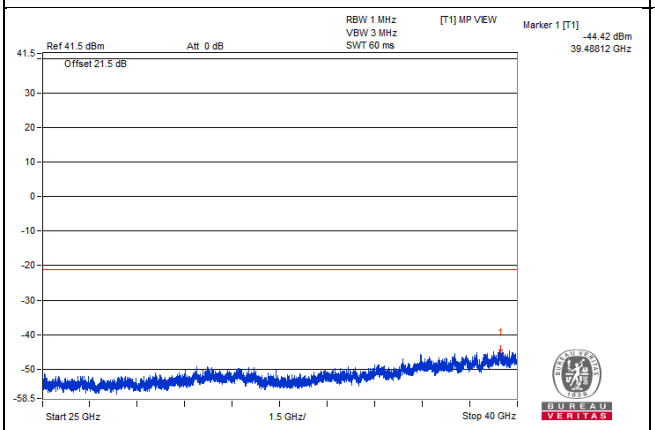
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1582.81 PK	54.96	74	-19.04	-51.6	-51.36	8.17	-40.3
2	1582.81 AV	43.66	54	-10.34	-62.72	-62.85	8.17	-51.6
3	7732.81 PK	60.02	74	-13.98	-45.3	-47.93	8.17	-35.24
4	7735.93 AV	47.49	54	-6.51	-58.96	-58.94	8.17	-47.77
5	11596.87 PK	60.54	74	-13.46	-46.3	-45.53	8.17	-34.72
6	11600 AV	49.4	54	-4.6	-56.99	-57.1	8.17	-45.86
7	17378.37 PK	62.31	68.2	-5.89	-44.53	-43.76	8.17	-32.95

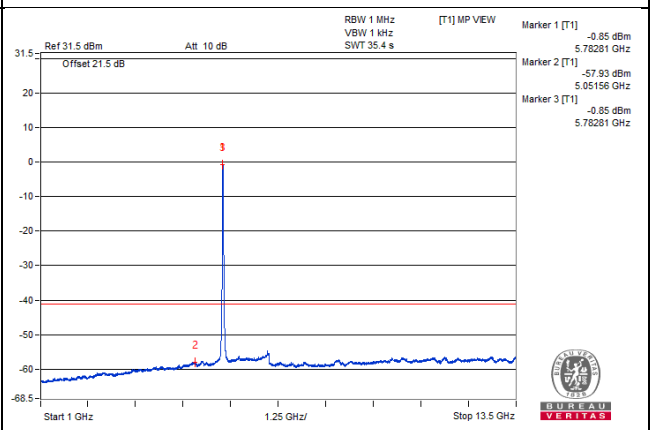
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

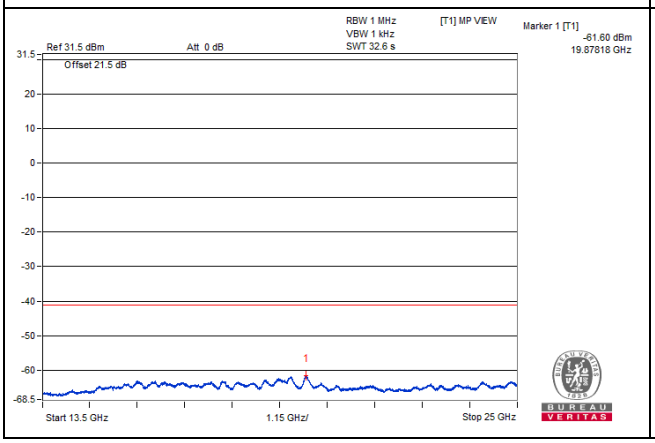
Chain 0

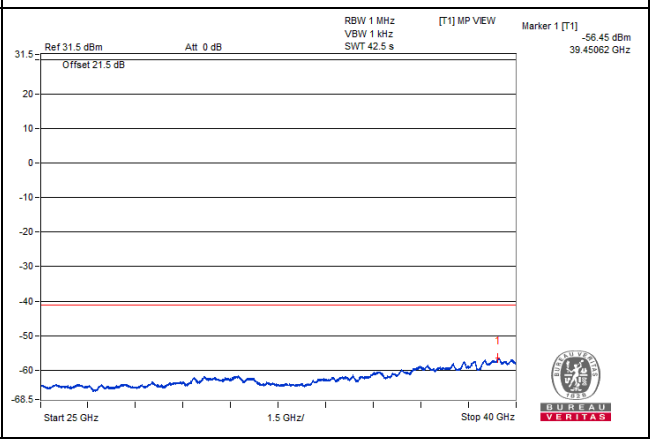

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
9.71 dBm
5.79218 GHz
Marker 2 [T1]
-45.81 dBm
4.30000 GHz
Marker 3 [T1]
9.71 dBm
5.79218 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.39 dBm
19.87818 GHz
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

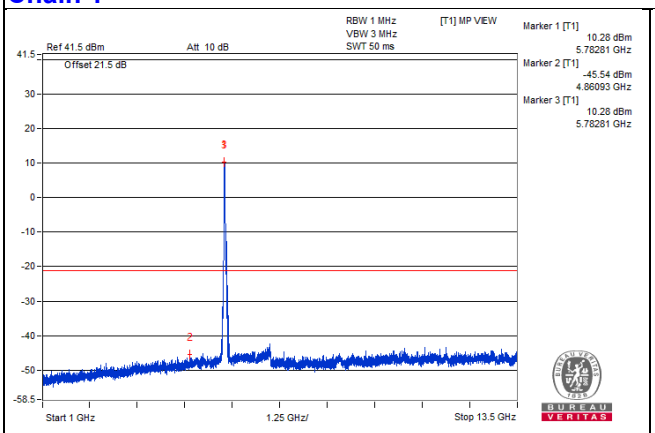

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.42 dBm
39.48812 GHz
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

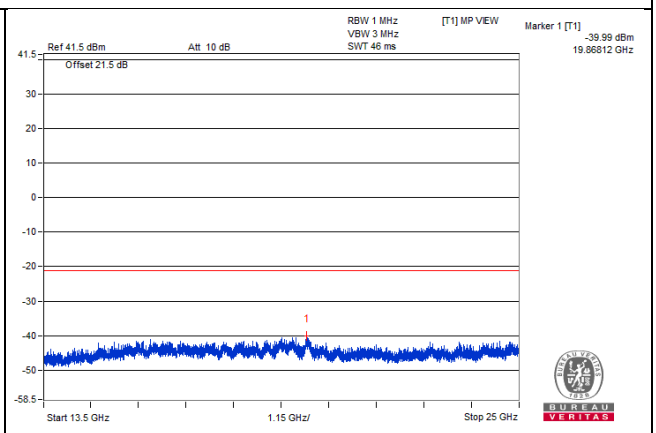

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-0.85 dBm
5.78281 GHz
Marker 2 [T1]
-57.93 dBm
5.05156 GHz
Marker 3 [T1]
-0.85 dBm
5.78281 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

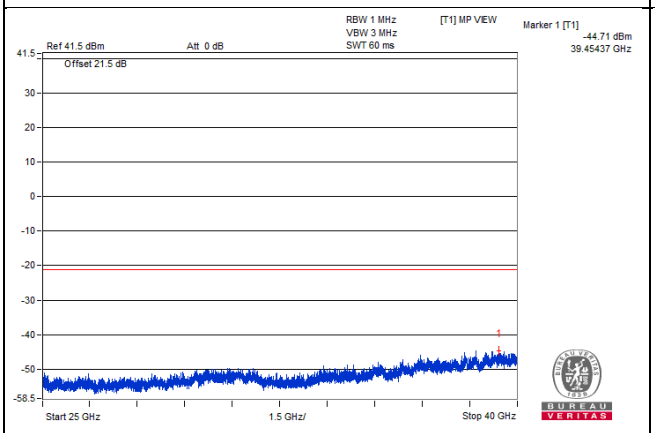

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.60 dBm
19.87818 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

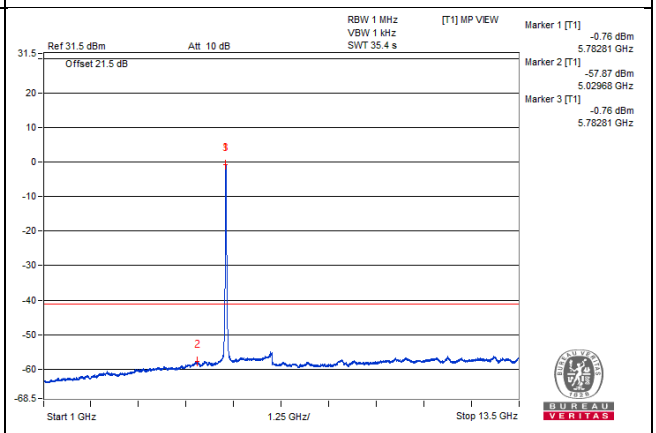

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.45 dBm
39.45062 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

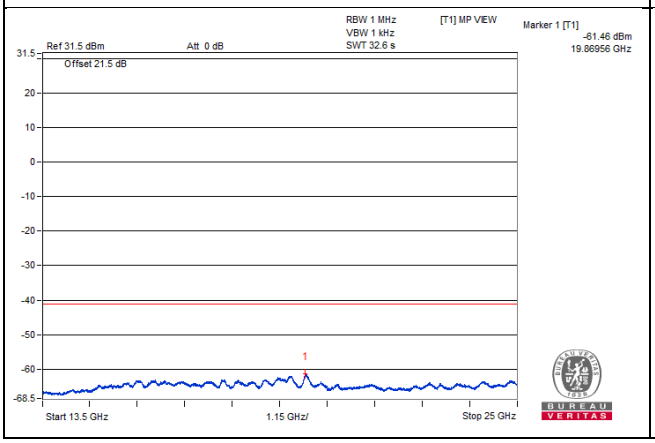
Chain 1

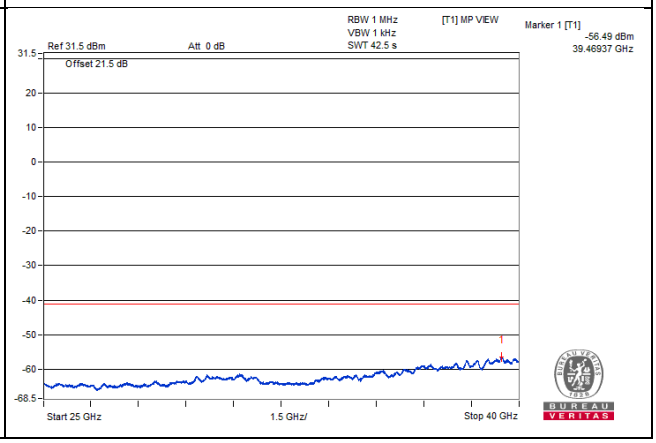

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
10.28 dBm
5.78281 GHz
Marker 2 [T1]
-45.54 dBm
4.86093 GHz
Marker 3 [T1]
10.28 dBm
5.78281 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.99 dBm
19.86812 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 41.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.71 dBm
39.45437 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

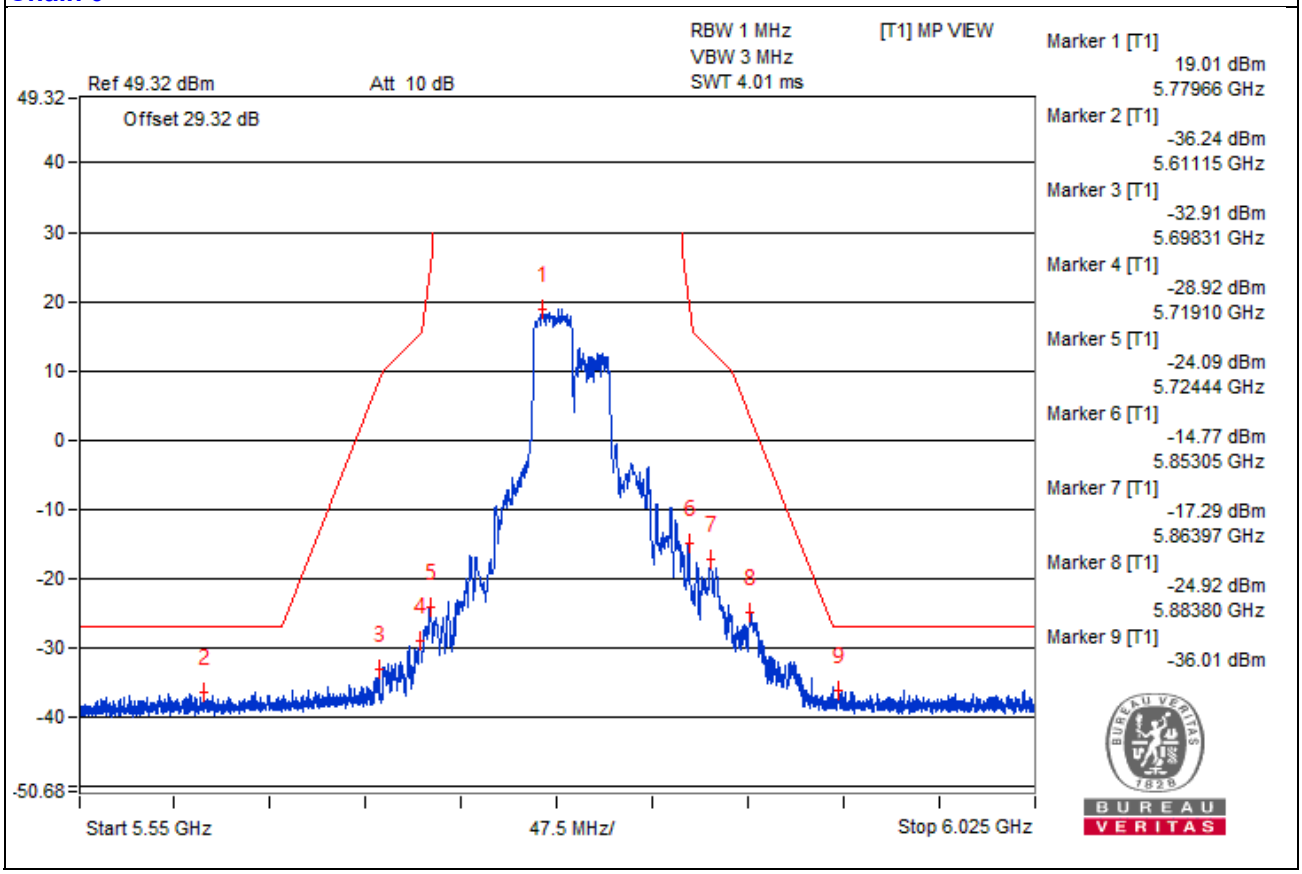

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-0.76 dBm
5.78281 GHz
Marker 2 [T1]
-57.87 dBm
5.02968 GHz
Marker 3 [T1]
-0.76 dBm
5.78281 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.46 dBm
19.86956 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

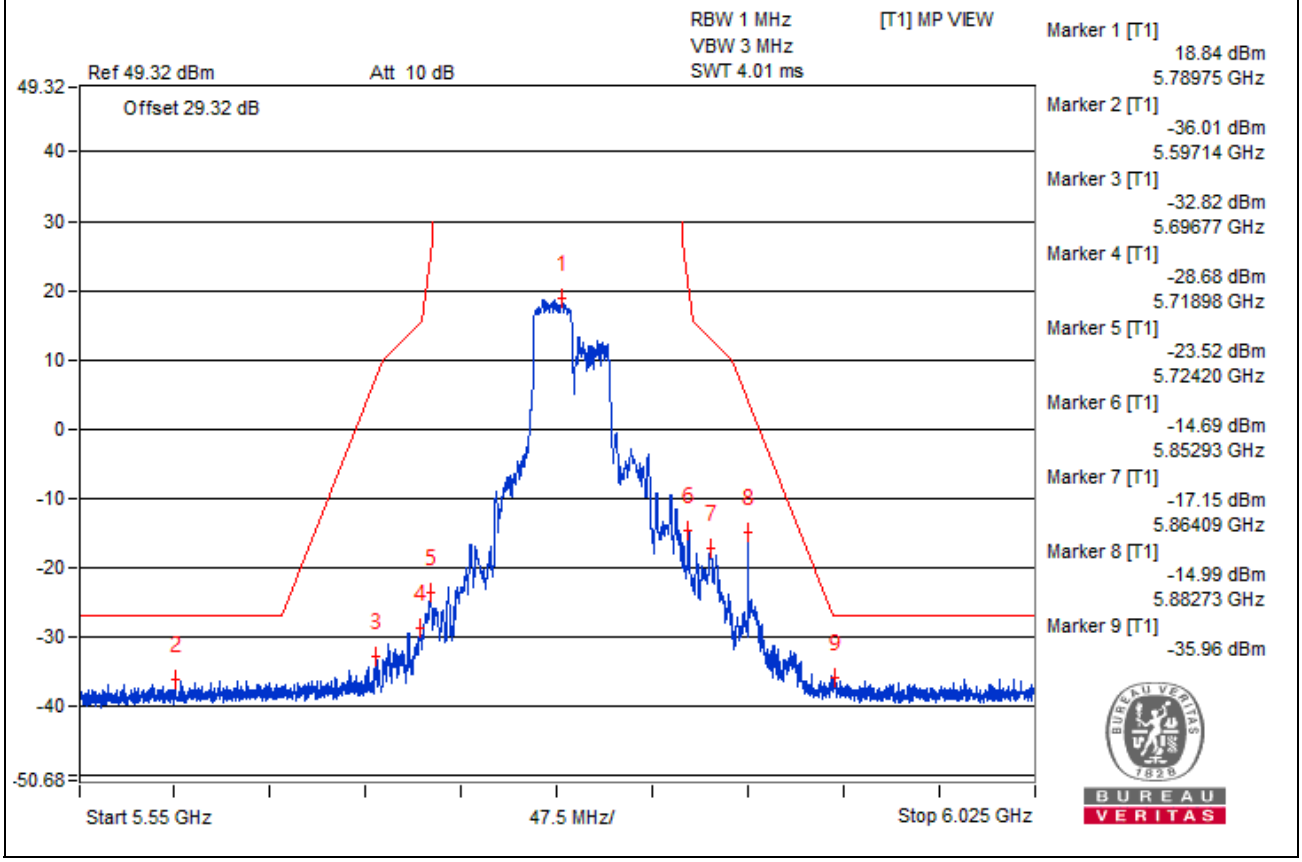

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.49 dBm
39.46937 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



RU484

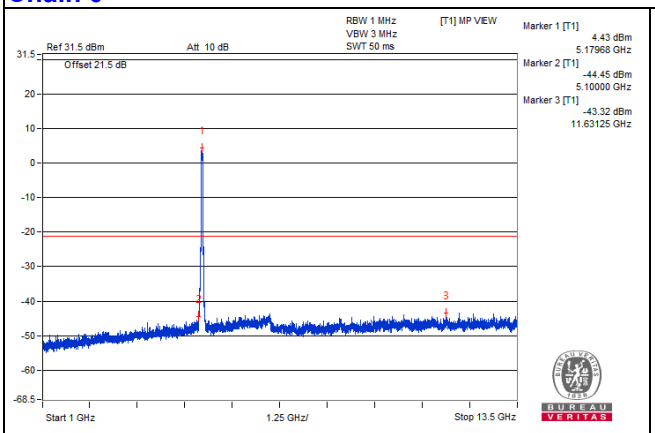
Channel 38

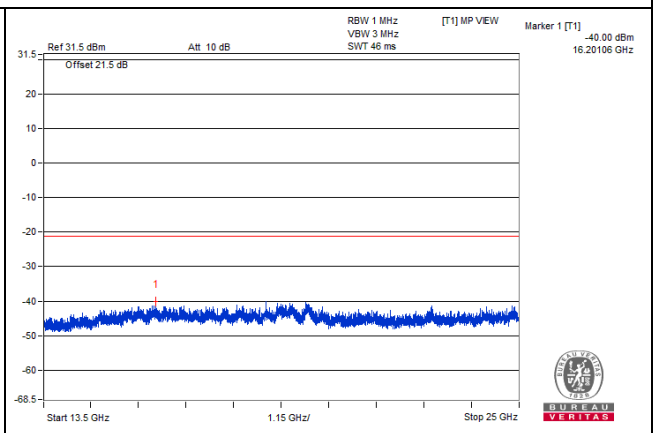
Conducted spurious emission table

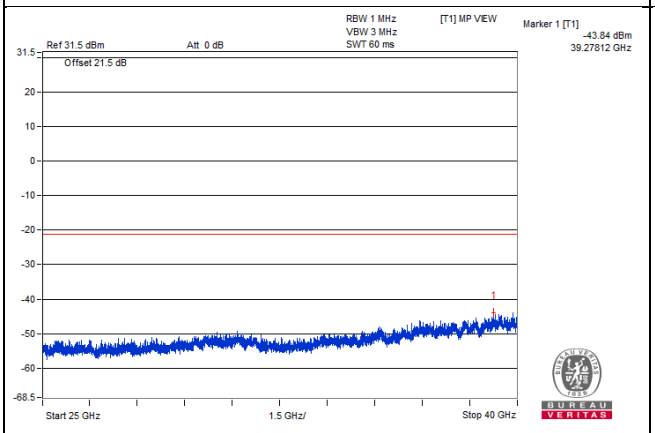
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1004.68 PK	53.97	74	-20.03	-52.44	-52.51	8.17	-41.29
2	1004.68 AV	42.87	54	-11.13	-63.64	-63.5	8.17	-52.39
3	6920.31 PK	61.79	68.2	-6.41	-44.67	-44.63	8.17	-33.47
4	10384.37 PK	59.99	68.2	-8.21	-46.51	-46.4	8.17	-35.27
5	15570 PK	63.19	74	-10.81	-43.32	-43.18	8.17	-32.07
6	15568.56 AV	42.33	54	-11.67	-64.06	-64.17	8.17	-52.93

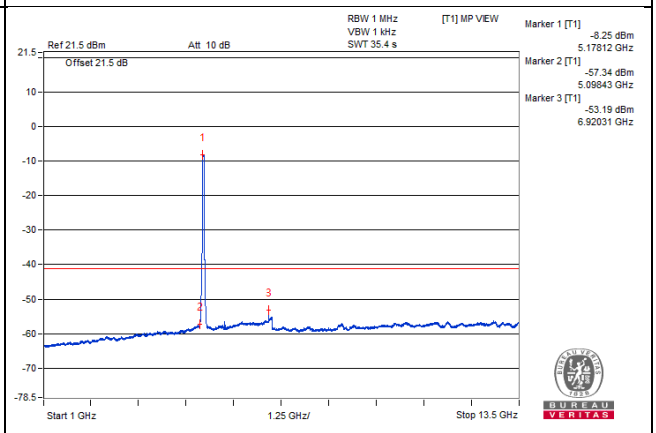
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

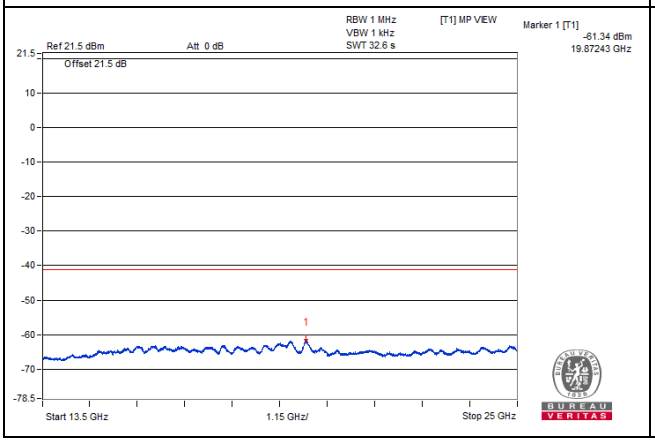
Chain 0

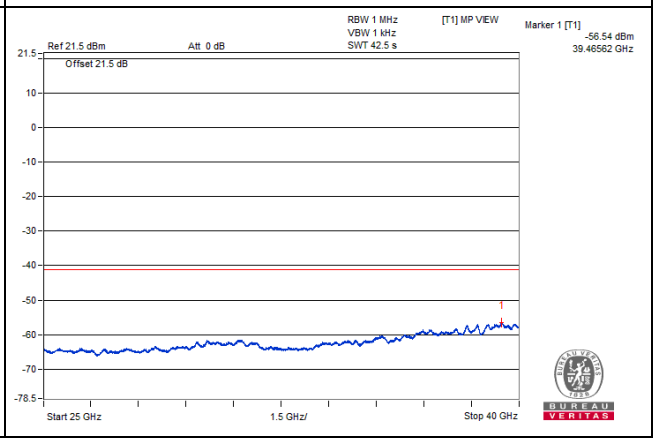

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
4.43 dBm
5.17968 GHz
Marker 2 [T1]
-44.45 dBm
5.10000 GHz
Marker 3 [T1]
-43.32 dBm
11.63125 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.00 dBm
16.20106 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

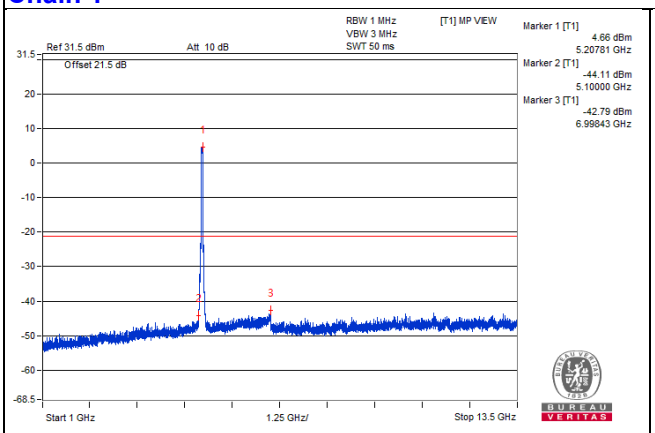

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-43.84 dBm
39.27812 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

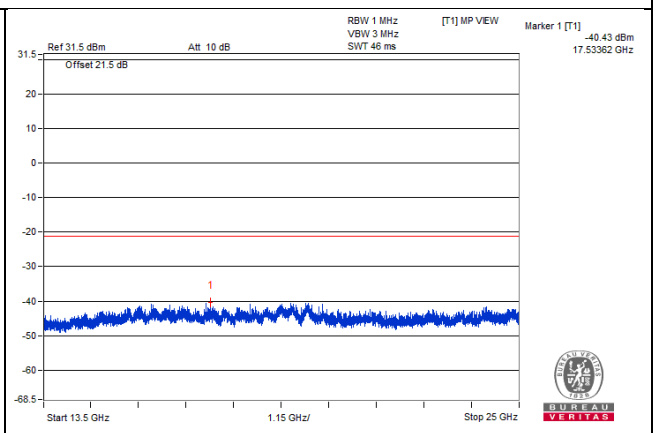

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-8.25 dBm
5.17812 GHz
Marker 2 [T1]
-57.34 dBm
5.09843 GHz
Marker 3 [T1]
-53.19 dBm
6.92031 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

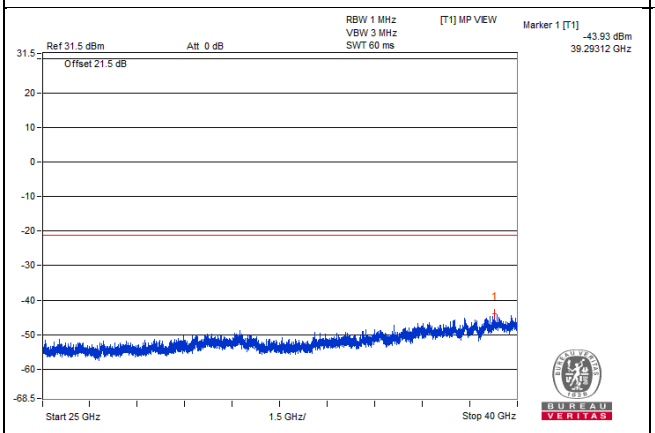

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.34 dBm
19.87243 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

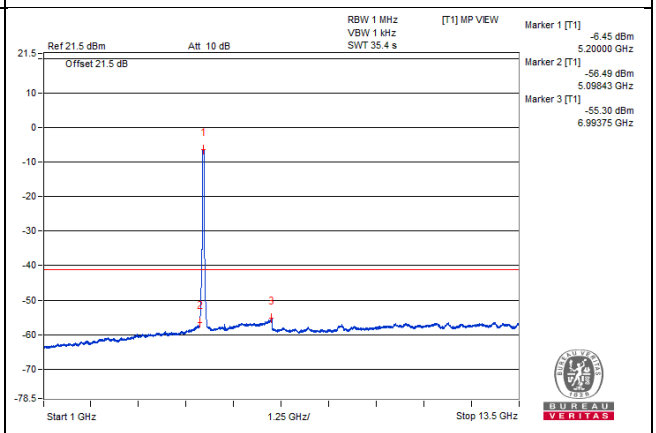

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.54 dBm
39.46562 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

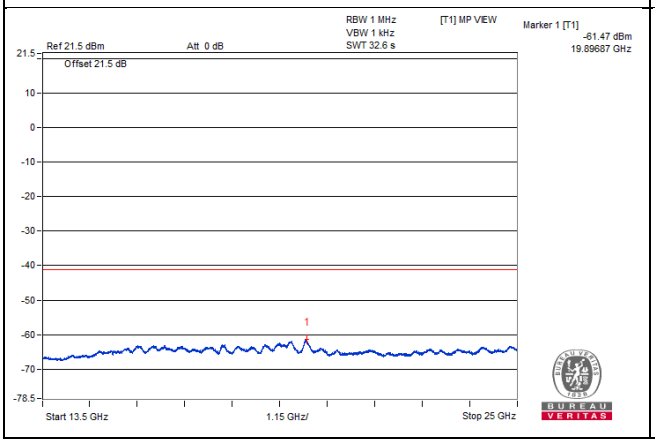
Chain 1

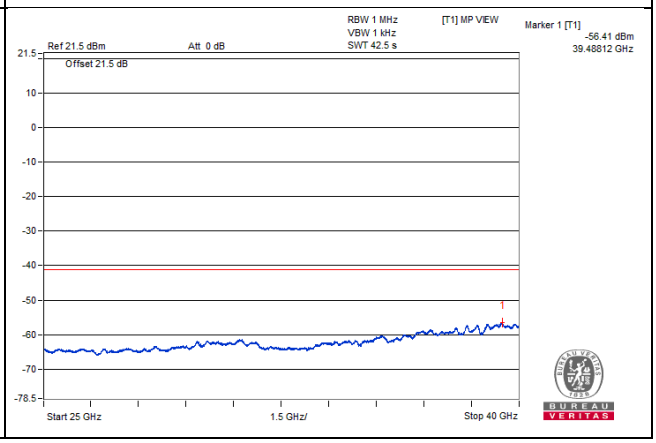

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
4.66 dBm
5.20781 GHz
Marker 2 [T1]
-44.11 dBm
5.10000 GHz
Marker 3 [T1]
-42.79 dBm
6.99843 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.43 dBm
17.53362 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-43.93 dBm
39.29312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-6.45 dBm
5.20000 GHz
Marker 2 [T1]
-58.49 dBm
5.09843 GHz
Marker 3 [T1]
-55.30 dBm
6.99375 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.47 dBm
19.89687 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-58.41 dBm
39.48812 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

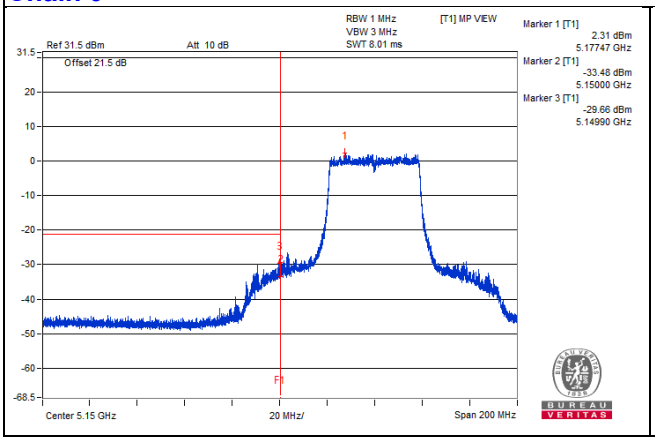
Bandedge table

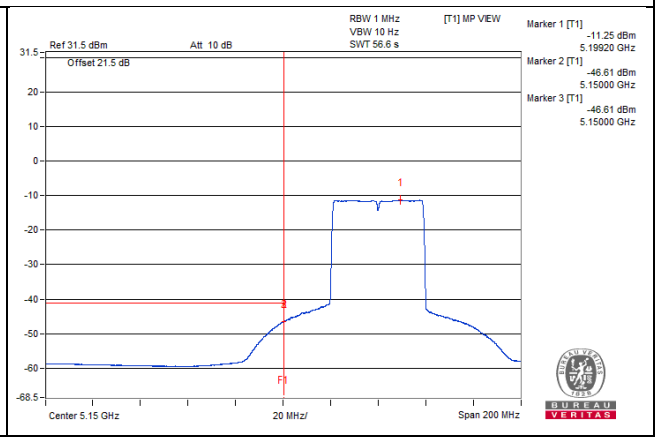
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5149.47 PK	74.88	74	*0.88	-30.16	-29.38	6.36	-20.38
2	5150 AV	57.92	54	*3.92	-46.61	-46.81	6.36	-37.34

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

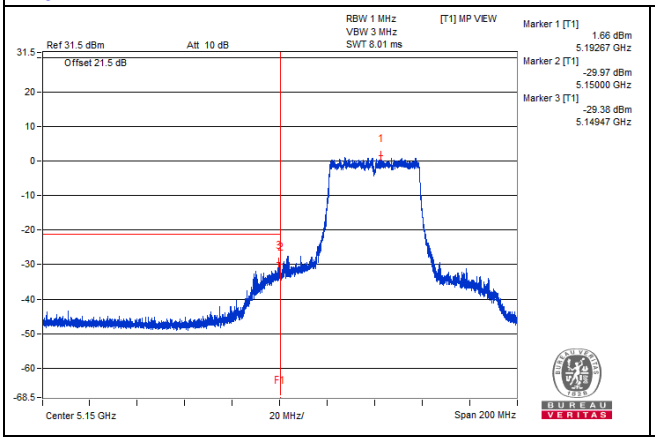
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

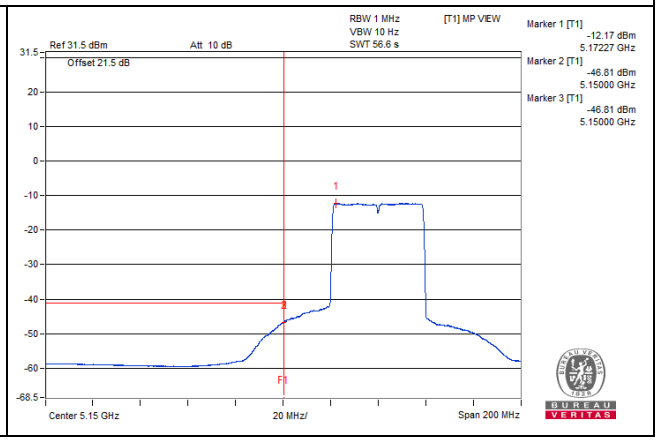
Chain 0





Chain 1





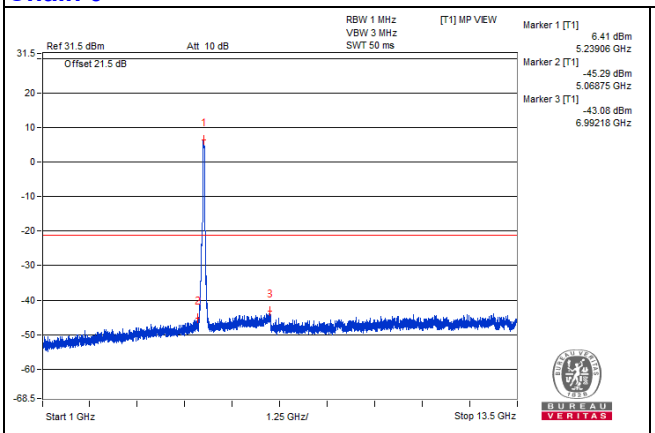
Channel 46

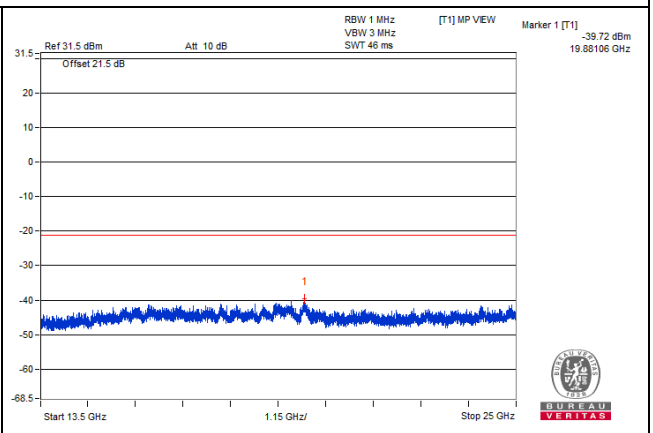
Conducted spurious emission table

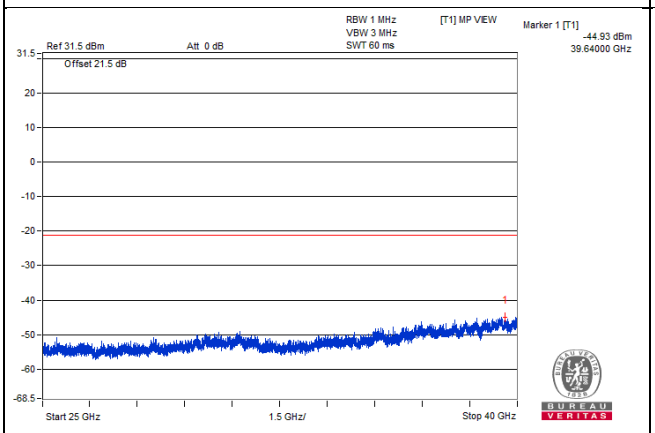
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1029.68 PK	55.32	74	-18.68	-50.57	-51.74	8.17	-39.94
2	1025 AV	43.54	54	-10.46	-63.34	-62.5	8.17	-51.72
3	6975 PK	62.07	68.2	-6.13	-44.42	-44.32	8.17	-33.19
4	10465.62 PK	60.13	68.2	-8.07	-46.27	-46.36	8.17	-35.13
5	15697.93 PK	63.15	74	-10.85	-42.45	-44.34	8.17	-32.11
6	15699.37 AV	42.17	54	-11.83	-64.28	-64.26	8.17	-53.09

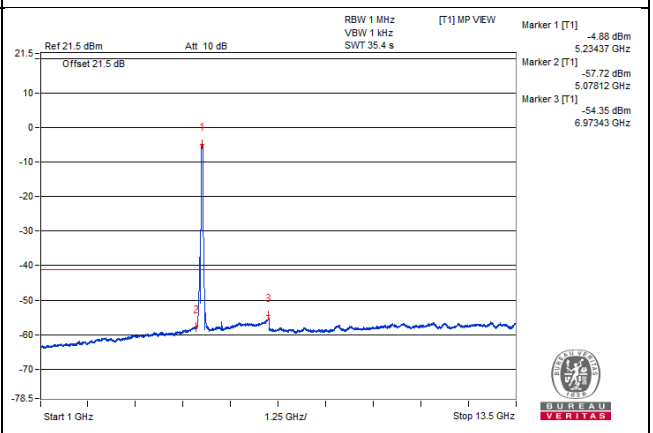
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

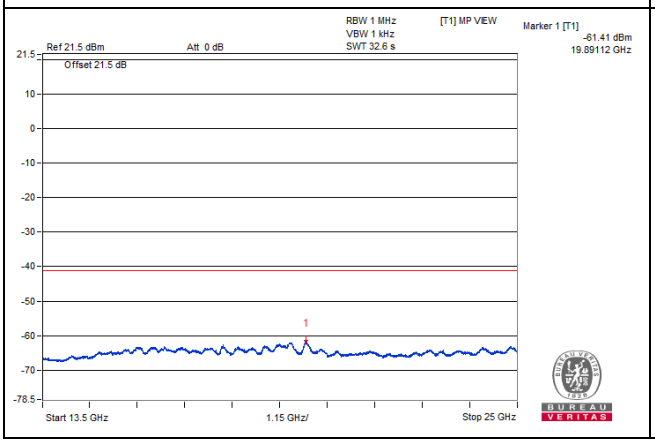
Chain 0

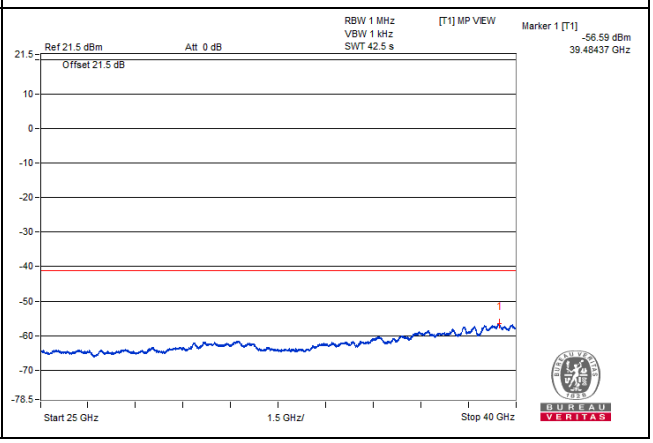

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
6.41 dBm
5.23906 GHz
Marker 2 [T1]
-45.29 dBm
5.06875 GHz
Marker 3 [T1]
-43.08 dBm
6.99218 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.72 dBm
19.88106 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

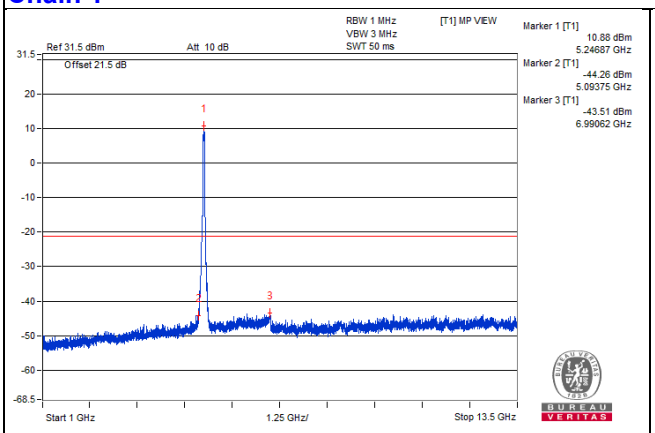

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.93 dBm
39.64000 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

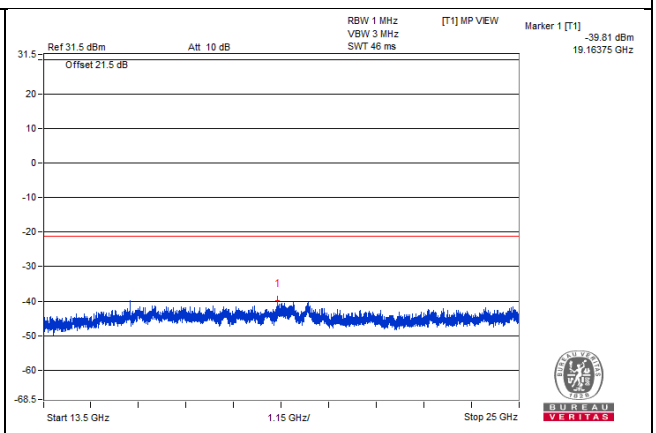

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-4.88 dBm
5.23437 GHz
Marker 2 [T1]
-57.72 dBm
5.07812 GHz
Marker 3 [T1]
-54.35 dBm
6.97343 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

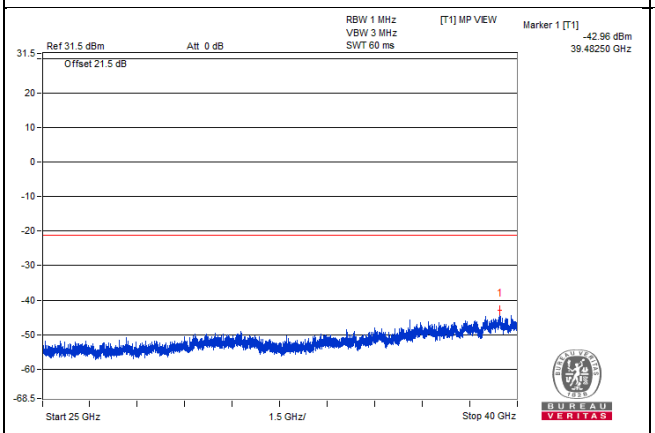

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.41 dBm
19.89112 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

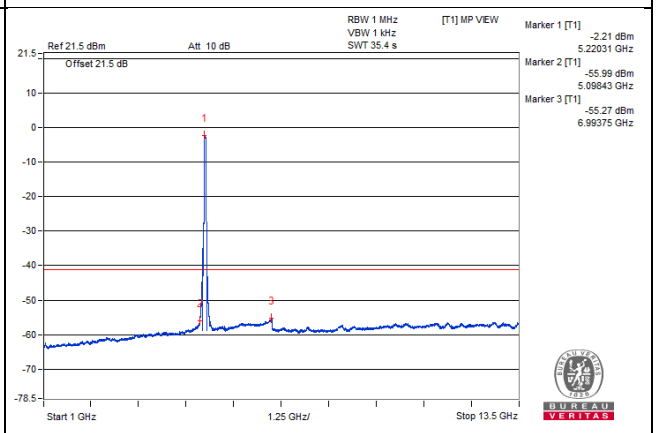

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.59 dBm
39.48437 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

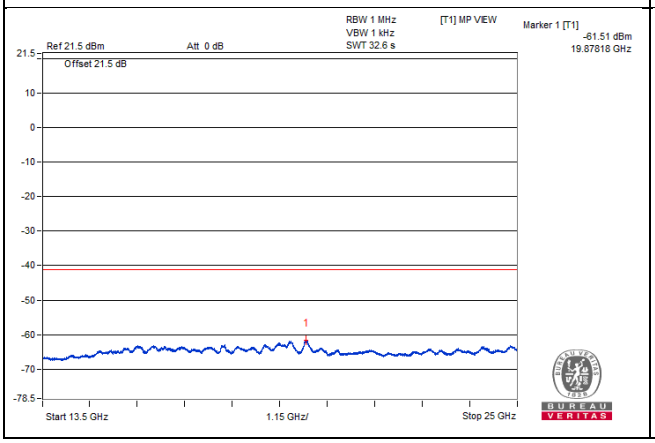
Chain 1

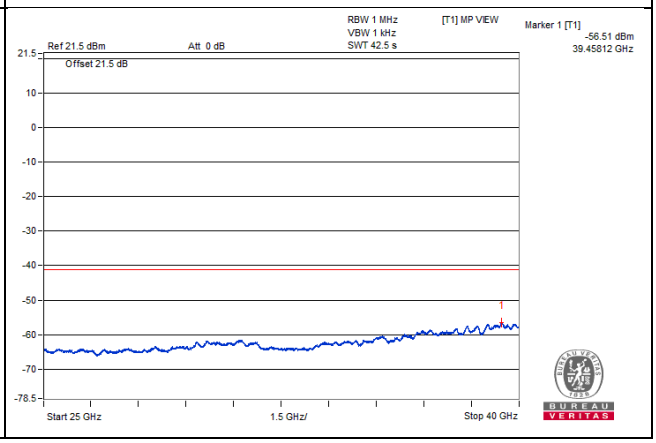

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
10.88 dBm
5.24687 GHz
Marker 2 [T1]
-44.26 dBm
5.09375 GHz
Marker 3 [T1]
-43.51 dBm
6.99062 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.81 dBm
19.16375 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-42.96 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-2.21 dBm
5.22031 GHz
Marker 2 [T1]
-55.99 dBm
5.09843 GHz
Marker 3 [T1]
-55.27 dBm
6.99375 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.51 dBm
19.87818 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.51 dBm
39.45812 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

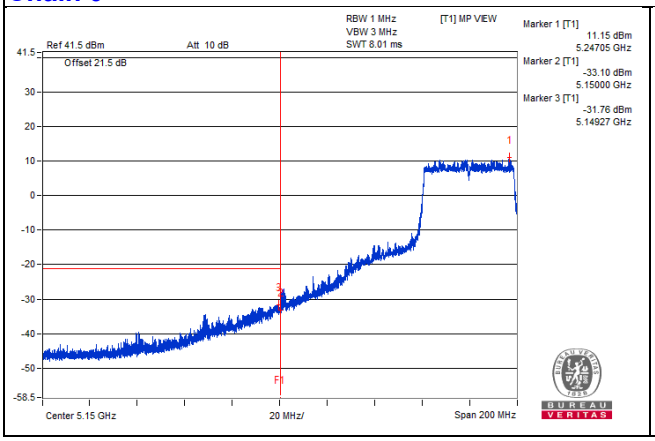
Bandedge table

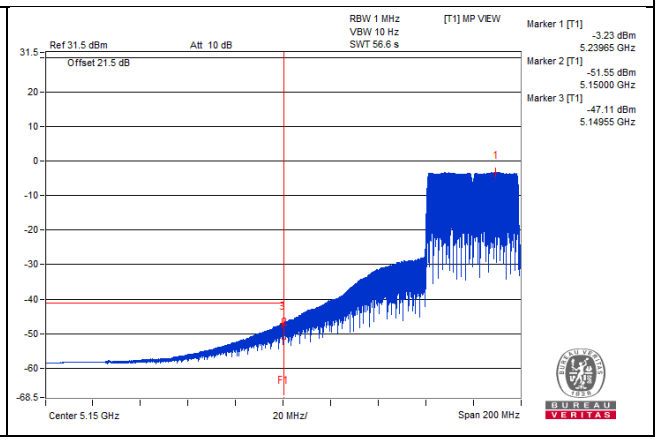
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5143.37 PK	72.93	74	-1.07	-34.85	-29.9	6.36	-22.33
2	5149.95 AV	56.66	54	*2.66	-47.19	-48.93	6.36	-38.6

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

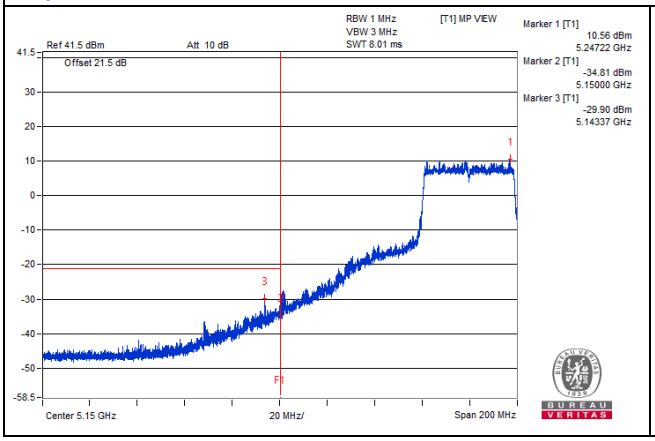
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

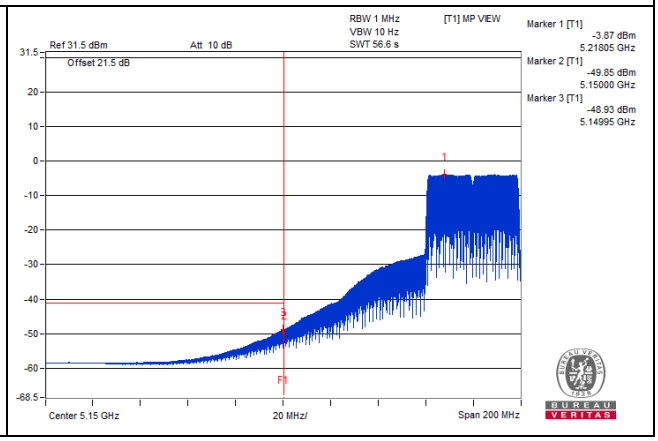
Chain 0





Chain 1





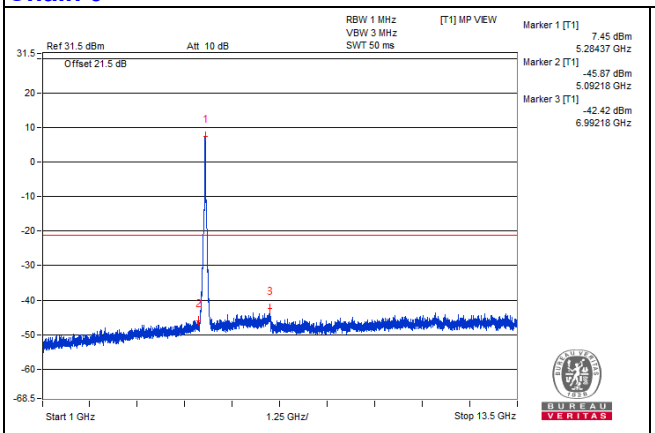
Channel 54

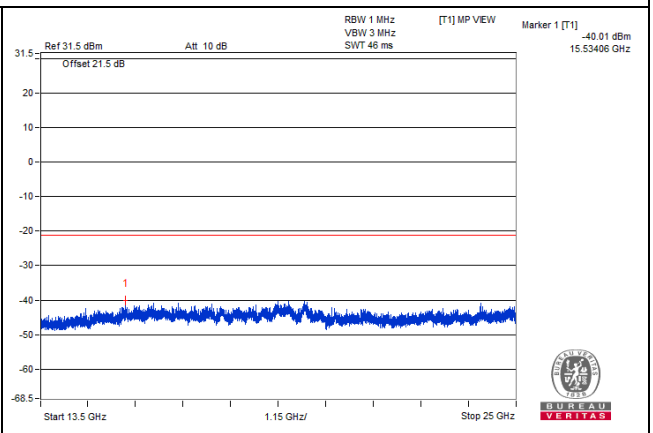
Conducted spurious emission table

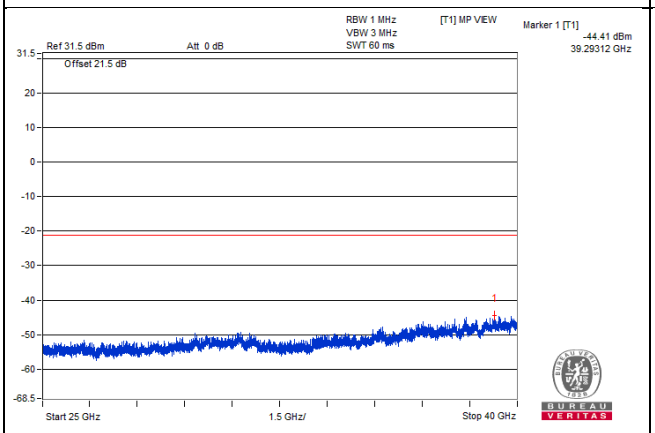
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1056.25 PK	54.51	74	-19.49	-51.76	-52.11	8.17	-40.75
2	1065.62 AV	43.56	54	-10.44	-62.95	-62.81	8.17	-51.7
3	7026.56 PK	59.21	68.2	-8.99	-47.01	-47.47	8.17	-36.05
4	10545.31 PK	61.34	68.2	-6.86	-45.57	-44.68	8.17	-33.92
5	15814.37 PK	63.9	74	-10.1	-43.04	-42.1	8.17	-31.36
6	15800 AV	43	54	-11	-63.48	-63.41	8.17	-52.26

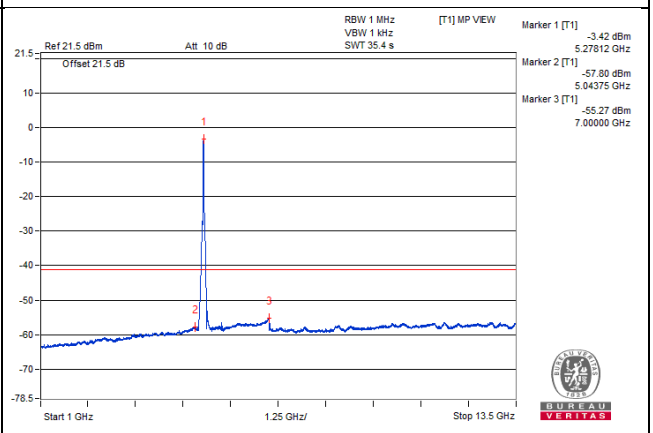
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

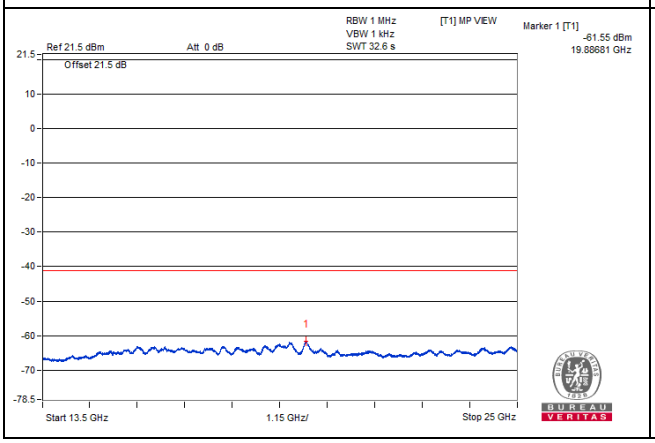
Chain 0

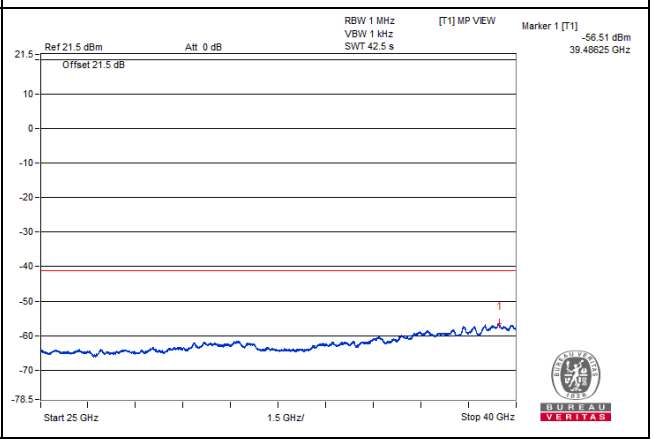

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
7.45 dBm
5.28437 GHz
Marker 2 [T1]
-45.87 dBm
5.09218 GHz
Marker 3 [T1]
-42.42 dBm
6.99218 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.01 dBm
15.53406 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

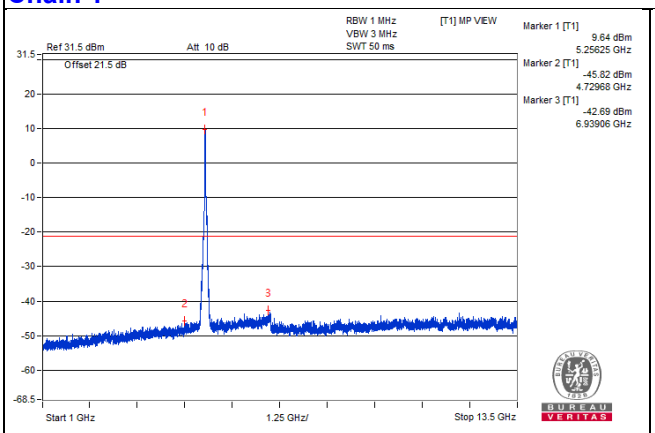

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.41 dBm
39.29312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

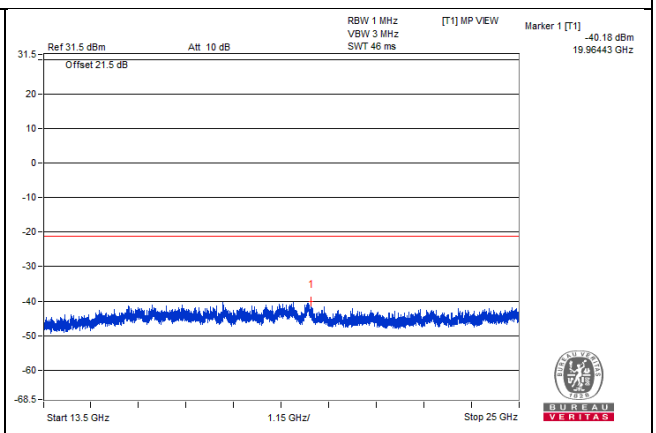

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-3.42 dBm
5.27812 GHz
Marker 2 [T1]
-57.80 dBm
5.04375 GHz
Marker 3 [T1]
-55.27 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

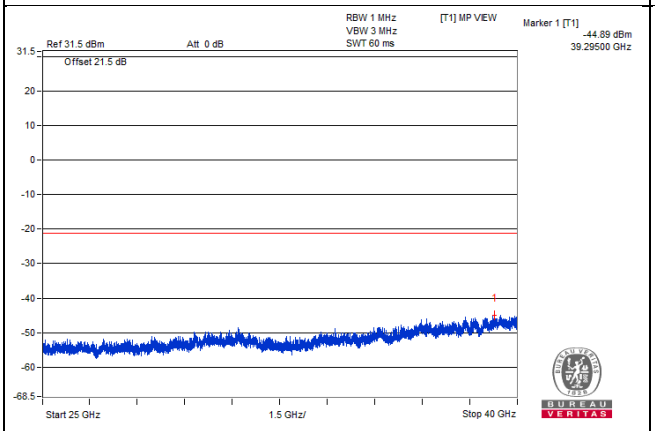

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.55 dBm
19.88681 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

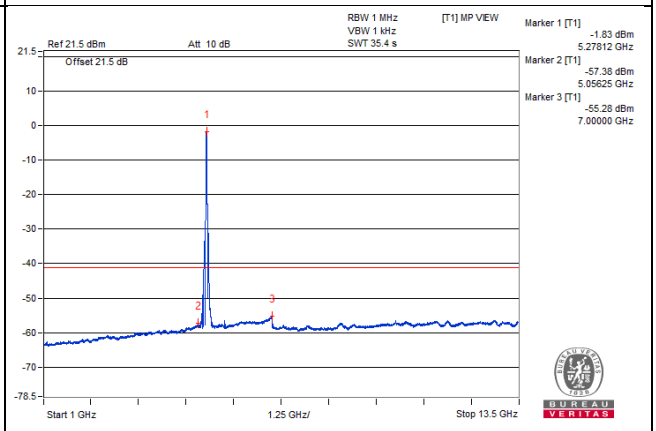

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.51 dBm
39.48625 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

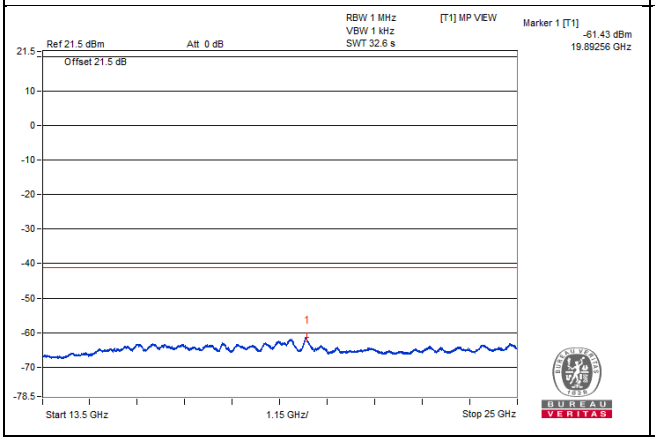
Chain 1

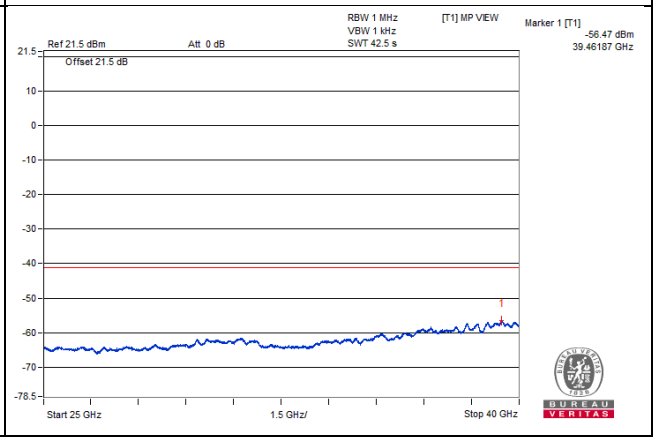

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
9.64 dBm
5.25625 GHz
Marker 2 [T1]
-45.82 dBm
4.72968 GHz
Marker 3 [T1]
-42.69 dBm
6.93906 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.18 dBm
19.96443 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.89 dBm
39.29500 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-1.83 dBm
5.27812 GHz
Marker 2 [T1]
-57.38 dBm
5.05625 GHz
Marker 3 [T1]
-55.28 dBm
7.00000 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.43 dBm
19.89256 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

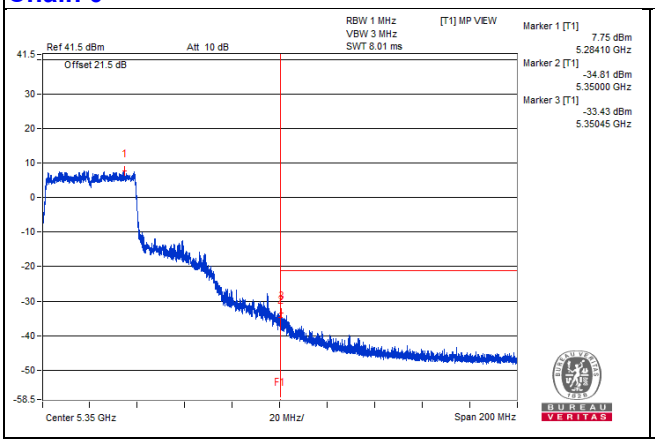

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.47 dBm
39.46187 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

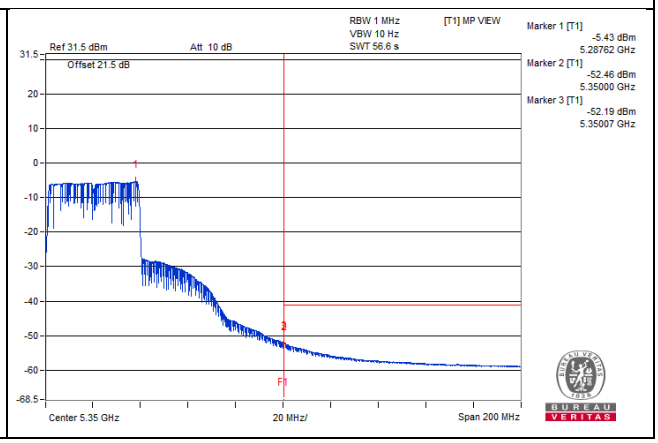
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5350.37 PK	71.19	74	-2.81	-34.24	-32.88	6.43	-24.07
2	5350.07 AV	52.49	54	-1.51	-52.19	-52.23	6.43	-42.77

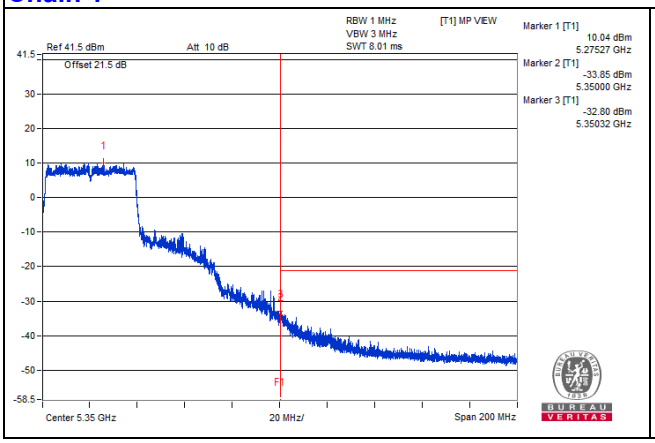
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

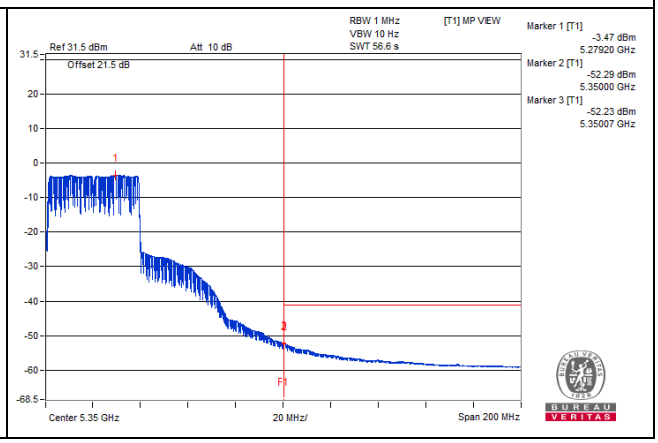
Chain 0





Chain 1





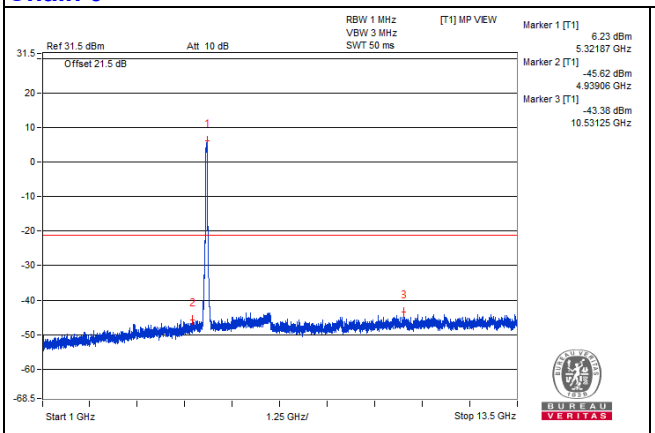
Channel 62

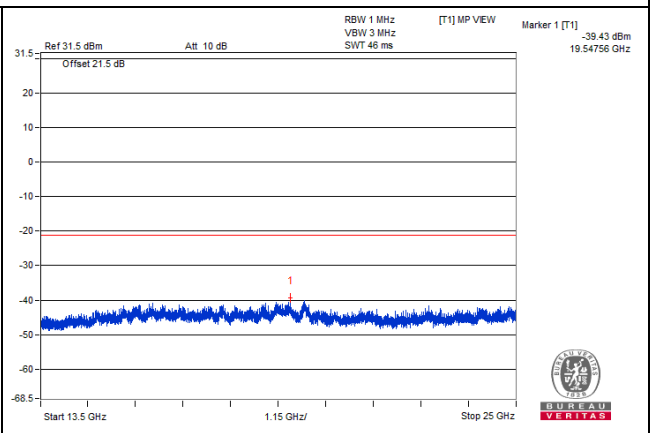
Conducted spurious emission table

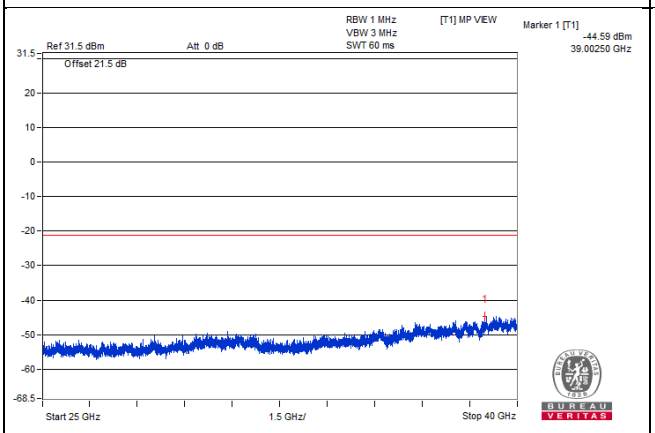
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1095.31 PK	54.08	74	-19.92	-51.71	-53.12	8.17	-41.18
2	1101.56 AV	42.99	54	-11.01	-63.44	-63.47	8.17	-52.27
3	7073.43 PK	59.32	68.2	-8.88	-46.95	-47.29	8.17	-35.94
4	10612.5 PK	60.22	74	-13.78	-46.11	-46.33	8.17	-35.04
5	10623.43 AV	49.33	54	-4.67	-57.33	-56.91	8.17	-45.93
6	15925.06 PK	62.61	74	-11.39	-45.86	-42.45	8.17	-32.65
7	15926.5 AV	41.71	54	-12.29	-64.74	-64.72	8.17	-53.55

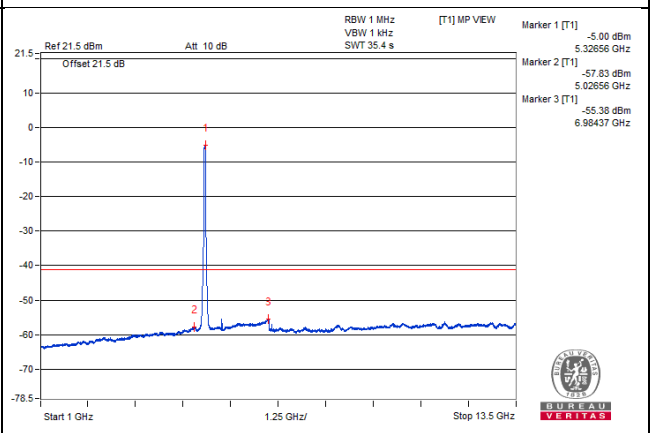
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

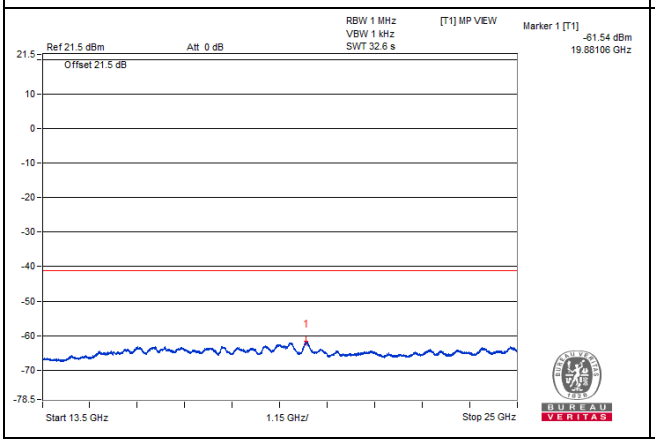
Chain 0

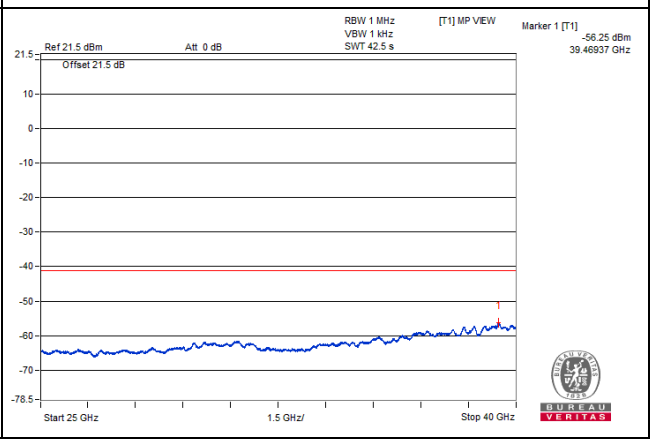

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
6.23 dBm
5.32187 GHz
Marker 2 [T1]
-45.62 dBm
4.93906 GHz
Marker 3 [T1]
-43.38 dBm
10.53125 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.43 dBm
19.54756 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

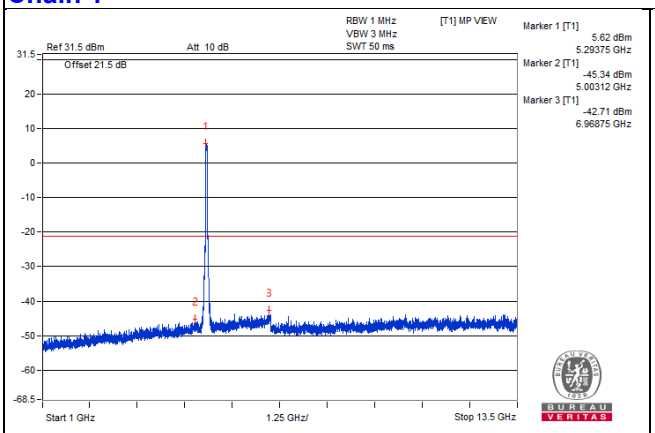

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.59 dBm
39.00250 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

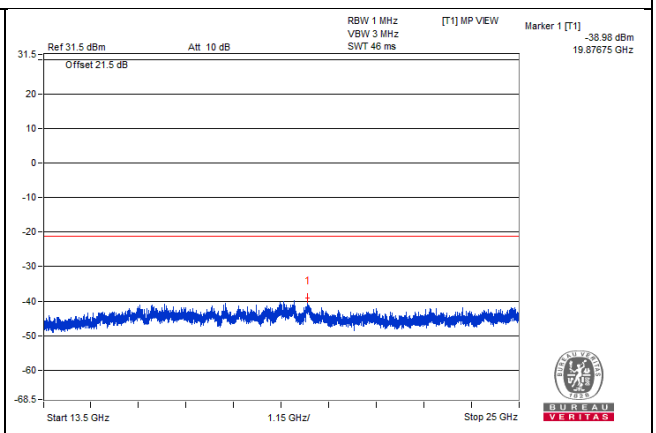

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-5.00 dBm
5.32656 GHz
Marker 2 [T1]
-57.83 dBm
5.02656 GHz
Marker 3 [T1]
-55.38 dBm
6.98437 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

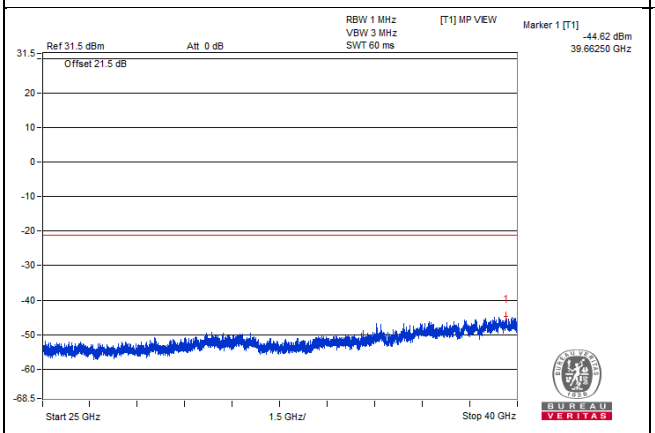

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.54 dBm
19.88106 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

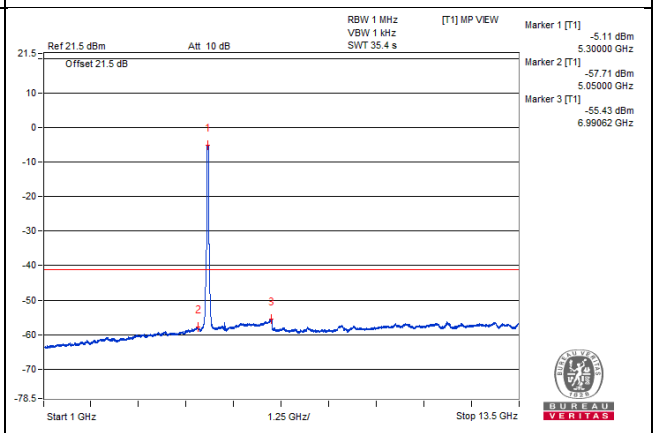

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.25 dBm
39.46937 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

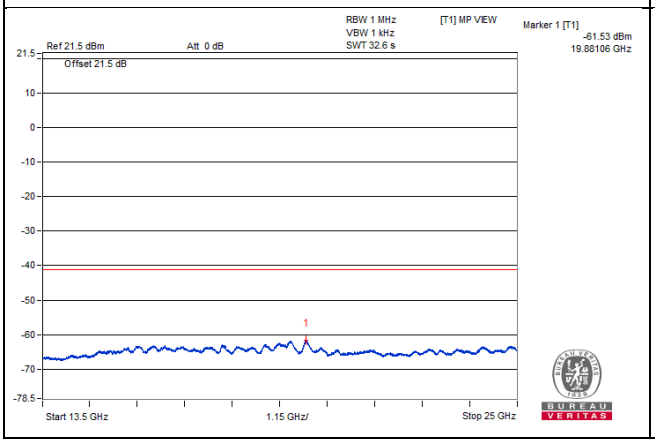
Chain 1

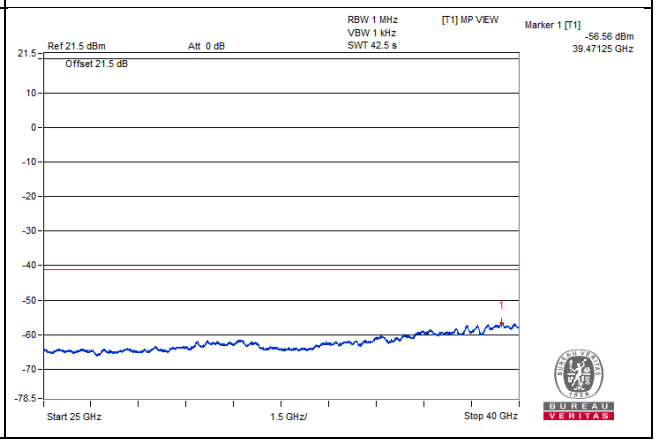

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
5.62 dBm
5.29375 GHz
Marker 2 [T1]
-45.34 dBm
5.00312 GHz
Marker 3 [T1]
-42.71 dBm
6.96875 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-38.98 dBm
19.87675 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.62 dBm
39.66250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-5.11 dBm
5.30000 GHz
Marker 2 [T1]
-57.71 dBm
5.05000 GHz
Marker 3 [T1]
-55.43 dBm
6.99062 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.53 dBm
19.88106 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.56 dBm
39.47125 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

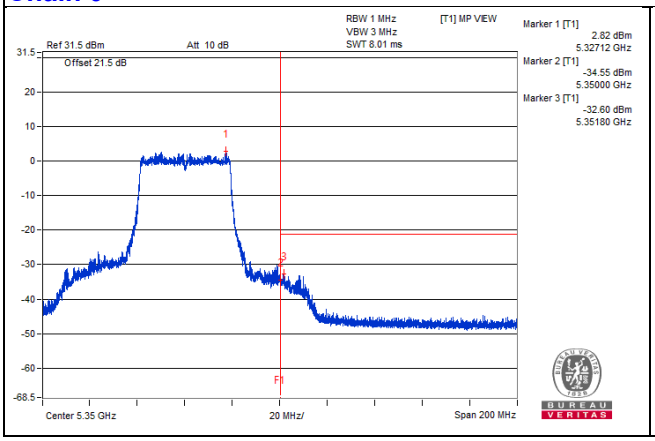
Bandedge table

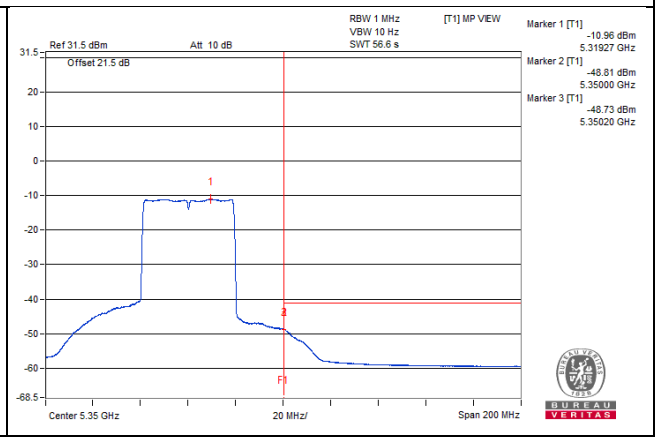
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5354.62 PK	73.18	74	-0.82	-37.05	-29.17	6.43	-22.08
2	5350.22 AV	57.57	54	*3.57	-48.74	-45.96	6.43	-37.69

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

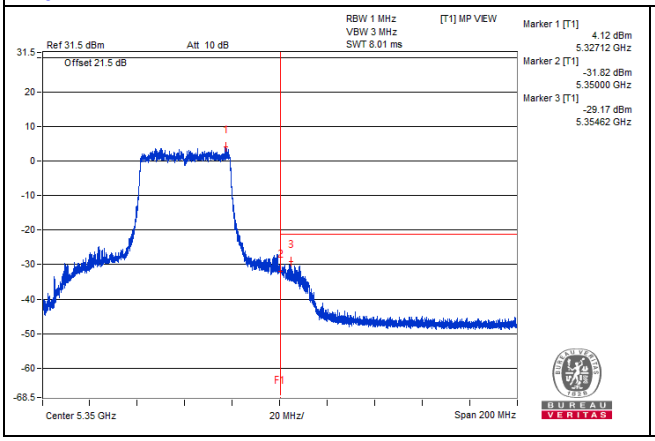
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

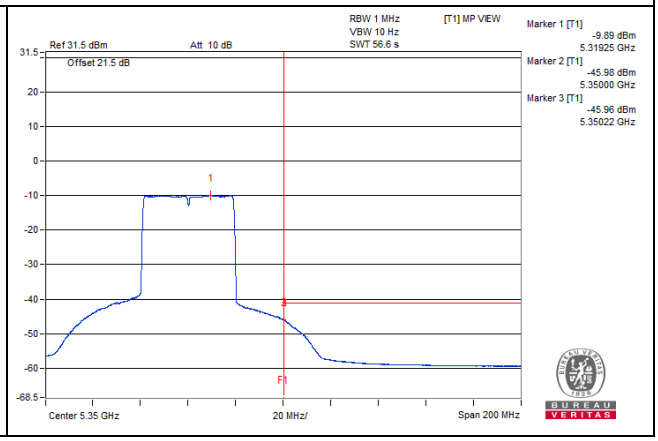
Chain 0





Chain 1





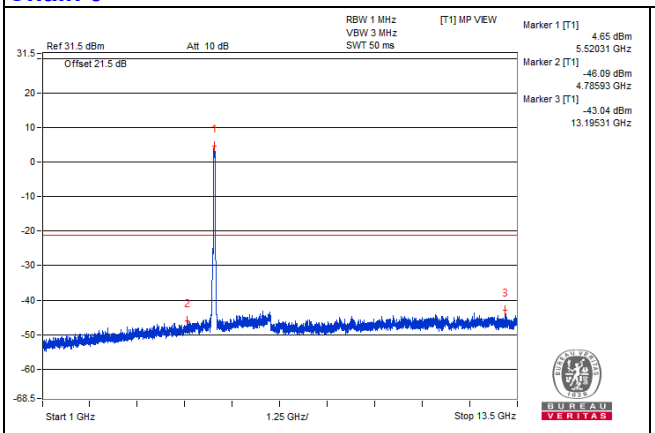
Channel 102

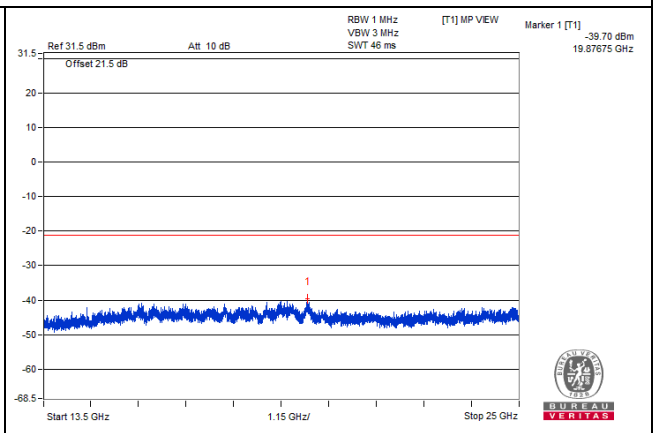
Conducted spurious emission table

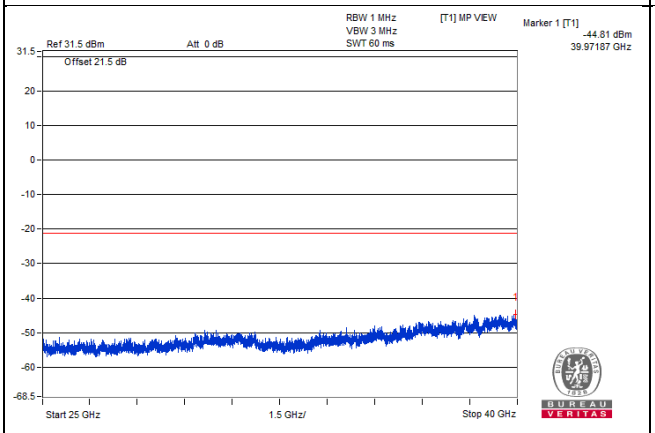
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1305.73 PK	55.08	74	-18.92	-50.81	-52	8.17	-40.18
2	1306.25 AV	43.41	54	-10.59	-63.12	-62.94	8.17	-51.85
3	7345.31 PK	59.18	74	-14.82	-47.7	-46.87	8.17	-36.08
4	7354.68 AV	47.92	54	-6.08	-58.67	-58.38	8.17	-47.34
5	11015.62 PK	59.64	74	-14.36	-47.53	-46.17	8.17	-35.62
6	11010.93 AV	48.82	54	-5.18	-57.64	-57.6	8.17	-46.44
7	16523.06 PK	63.82	68.2	-4.38	-41.85	-43.56	8.17	-31.44

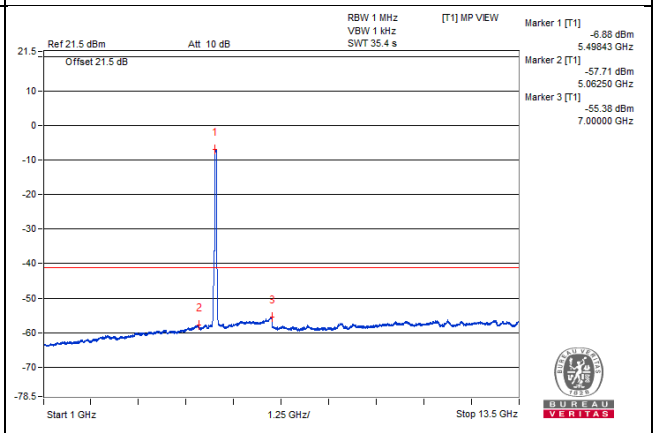
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

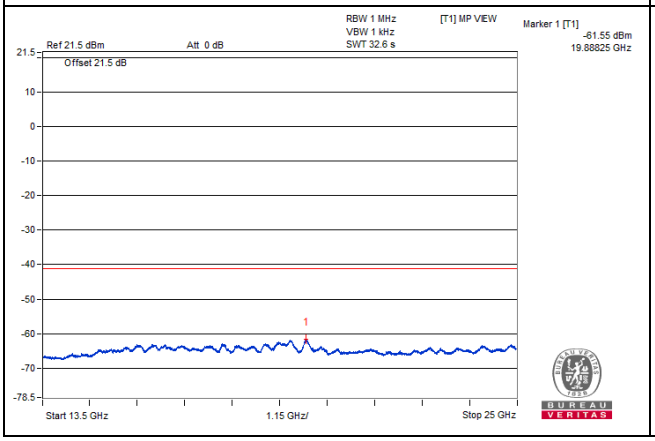
Chain 0

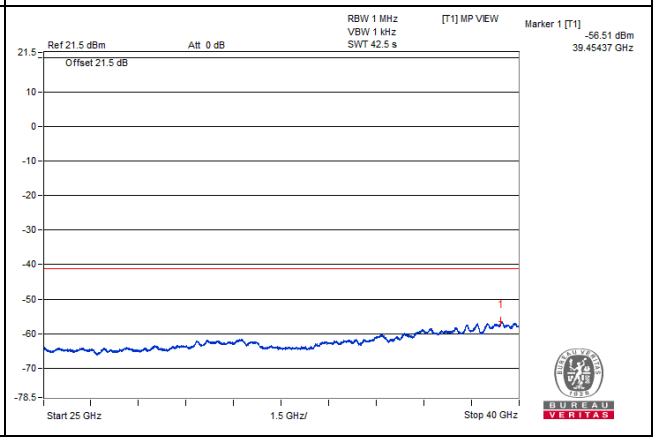

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
4.65 dBm
5.52031 GHz
Marker 2 [T1]
-46.09 dBm
4.78593 GHz
Marker 3 [T1]
-43.04 dBm
13.19531 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.70 dBm
19.87675 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

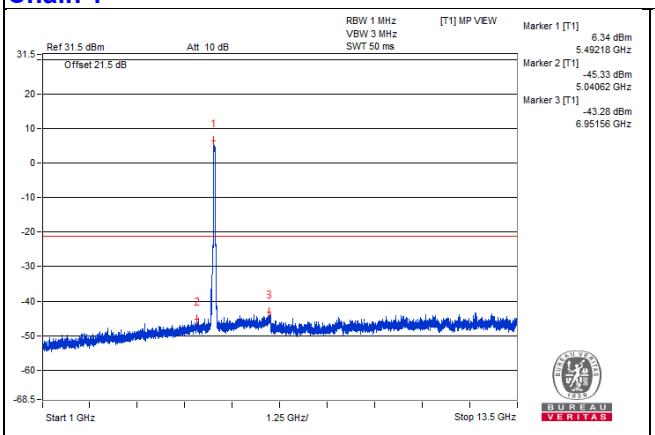

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.81 dBm
39.97187 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

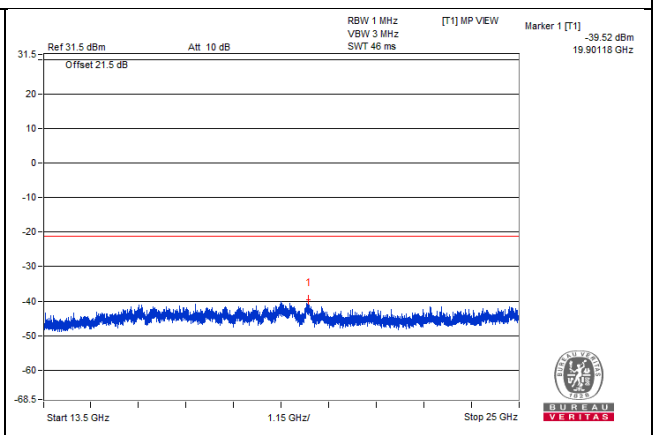

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-6.88 dBm
5.49843 GHz
Marker 2 [T1]
-57.71 dBm
5.06250 GHz
Marker 3 [T1]
-55.38 dBm
7.00000 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

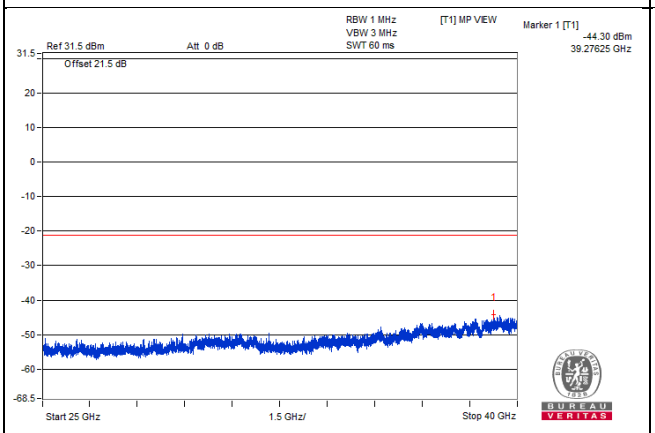

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.55 dBm
19.88825 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

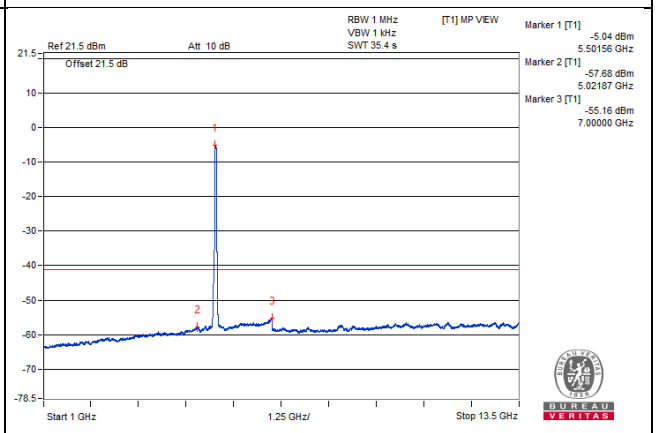

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.51 dBm
39.45437 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

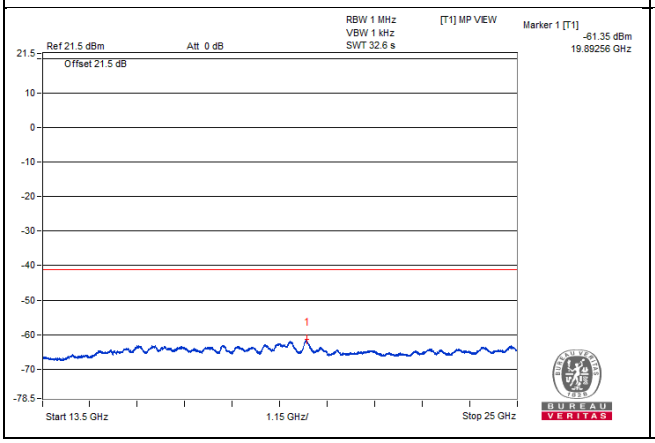
Chain 1

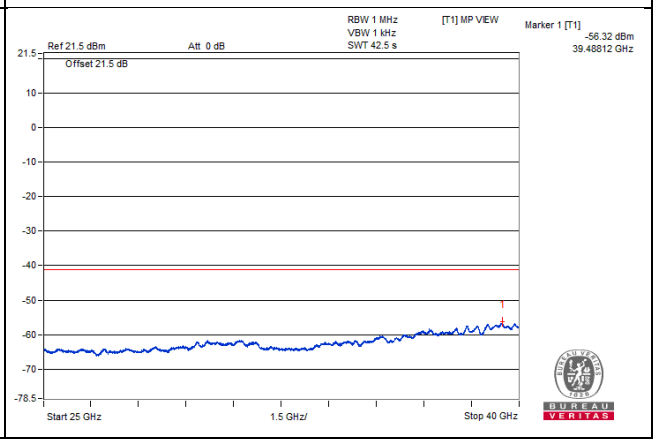

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
6.34 dBm
5.49218 GHz
Marker 2 [T1]
-45.33 dBm
5.04062 GHz
Marker 3 [T1]
-43.28 dBm
6.95156 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.52 dBm
19.90118 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.30 dBm
39.27625 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-5.04 dBm
5.50156 GHz
Marker 2 [T1]
-57.68 dBm
5.02187 GHz
Marker 3 [T1]
-55.16 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.35 dBm
19.89256 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.32 dBm
39.48812 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

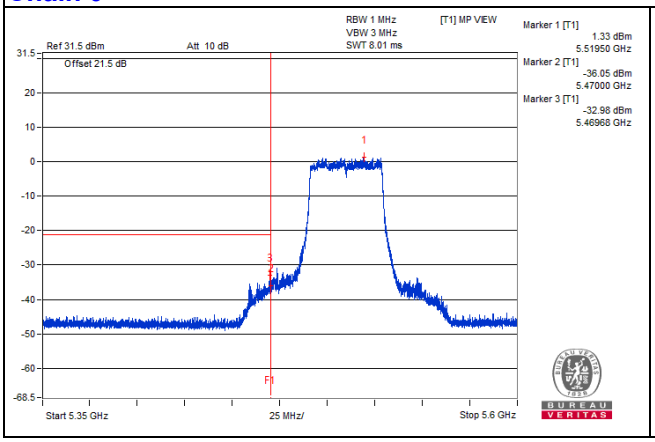
Bandedge table

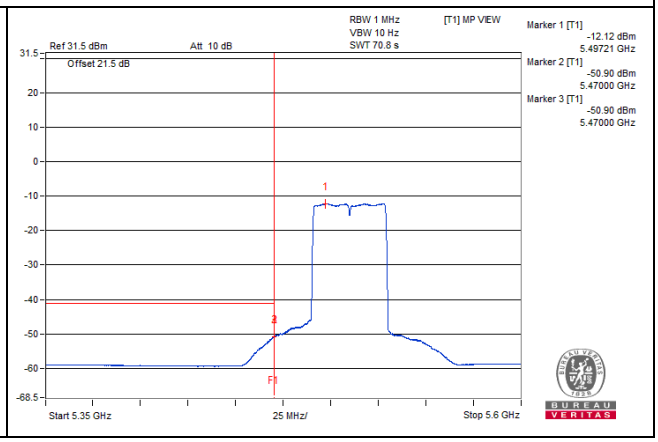
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5459 PK	68.99	74	-5.01	-36.39	-37.94	7.82	-26.27
2	5459.96 AV	50.22	54	-3.78	-55.53	-56.25	7.82	-45.04
3	5469.81 PK	72.1	68.2	*3.9	-33.43	-34.4	7.82	-23.16

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

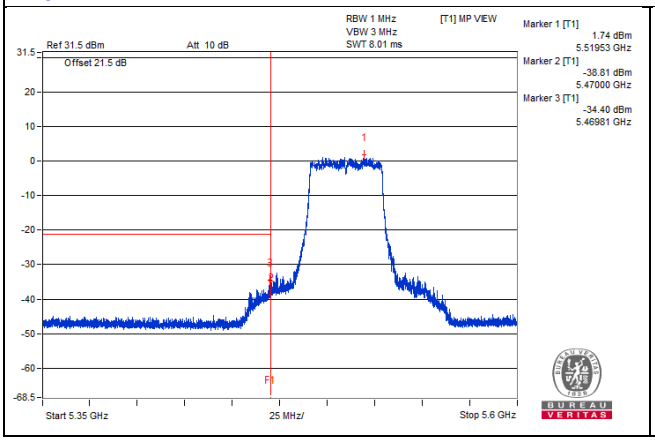
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

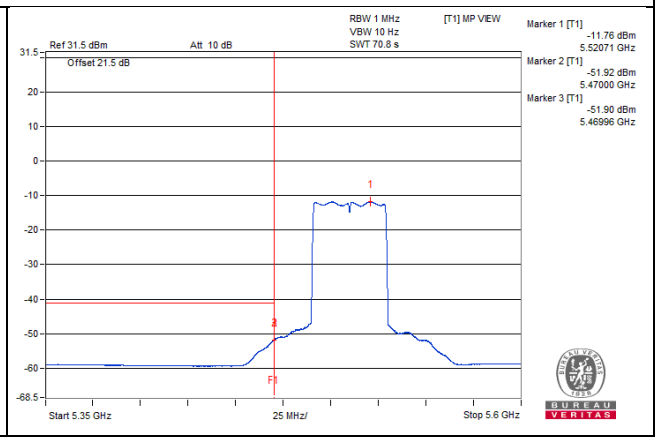
Chain 0





Chain 1





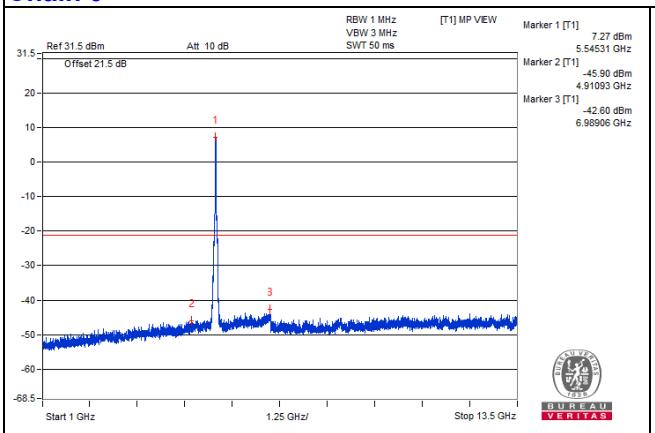
Channel 110

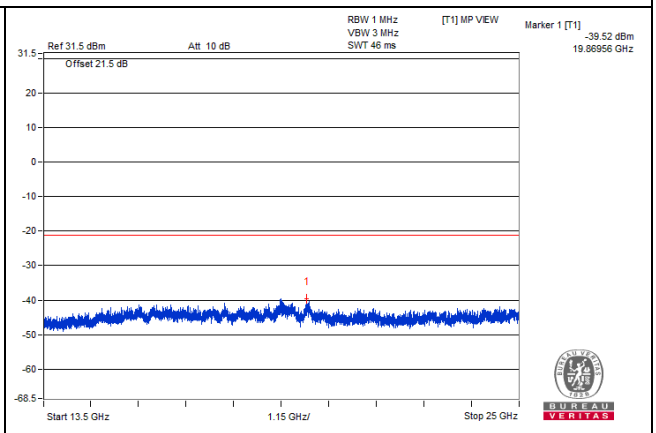
Conducted spurious emission table

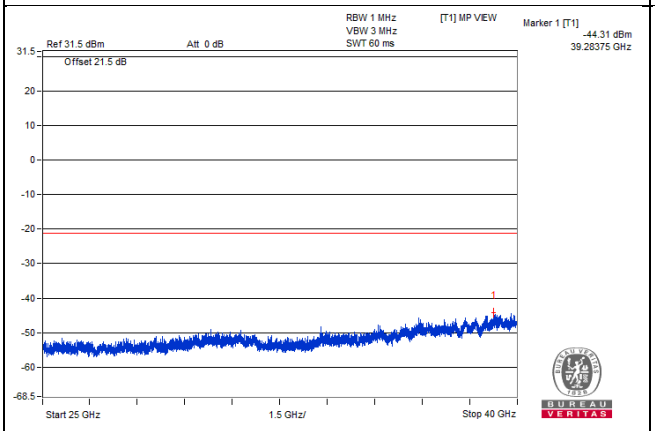
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1348.43 PK	54.56	74	-19.44	-51.67	-52.11	8.17	-40.7
2	1345.31 AV	43.53	54	-10.47	-62.86	-62.97	8.17	-51.73
3	7400 PK	59.31	74	-14.69	-47.74	-46.6	8.17	-35.95
4	7398.43 AV	47.63	54	-6.37	-58.93	-58.7	8.17	-47.63
5	11090.62 PK	61.64	74	-12.36	-45.16	-44.46	8.17	-33.62
6	11090.62 AV	49.1	54	-4.9	-57.22	-57.47	8.17	-46.16
7	16652.43 PK	63.23	68.2	-4.97	-44.53	-42.2	8.17	-32.03

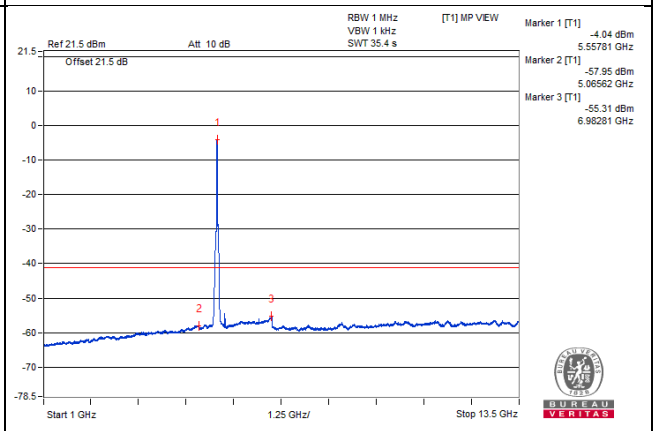
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

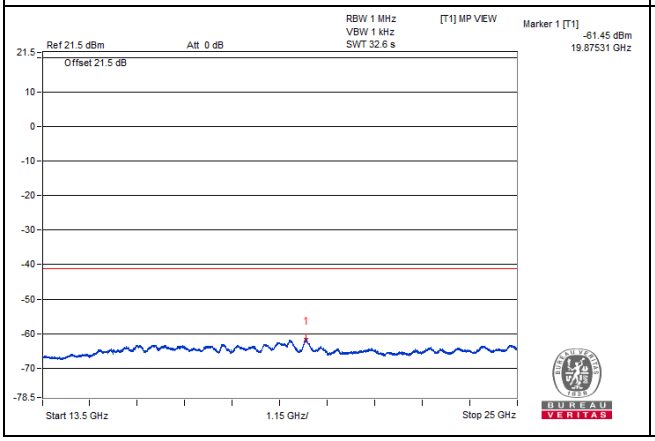
Chain 0

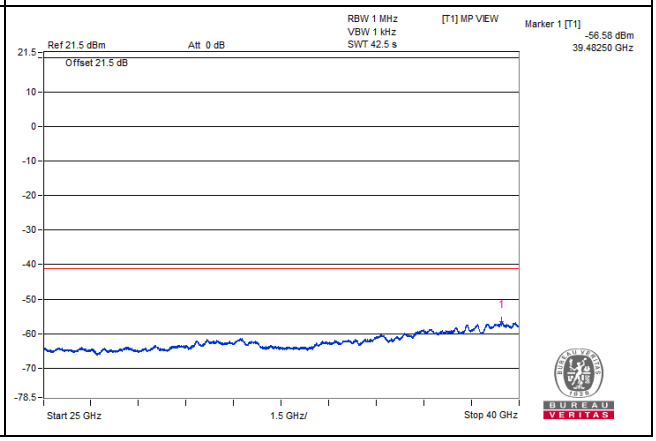

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.27 dBm
5.54531 GHz
Marker 2 [T1]
-45.90 dBm
4.91093 GHz
Marker 3 [T1]
-42.60 dBm
6.98906 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.52 dBm
19.86956 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

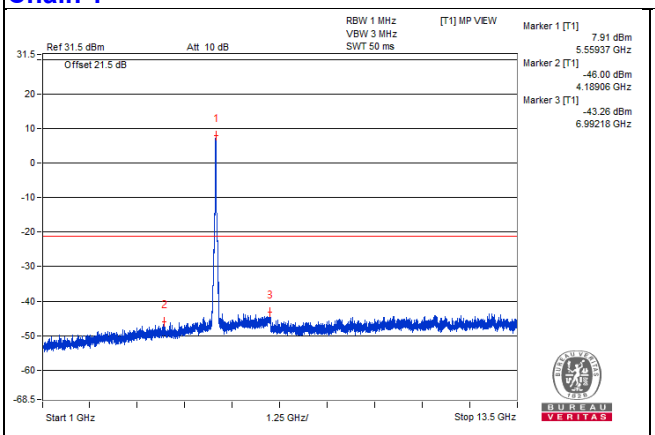

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.31 dBm
39.28375 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

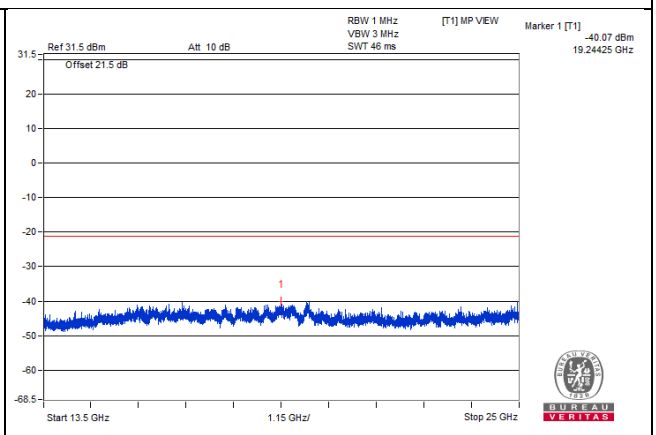

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-4.04 dBm
5.55781 GHz
Marker 2 [T1]
-57.95 dBm
5.06562 GHz
Marker 3 [T1]
-55.31 dBm
6.98281 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

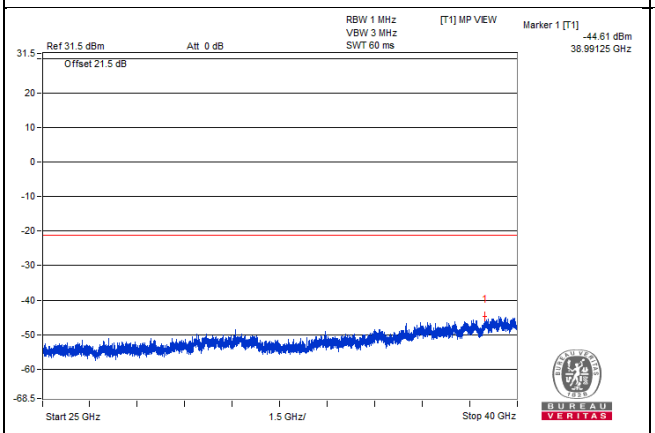

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.45 dBm
19.87531 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

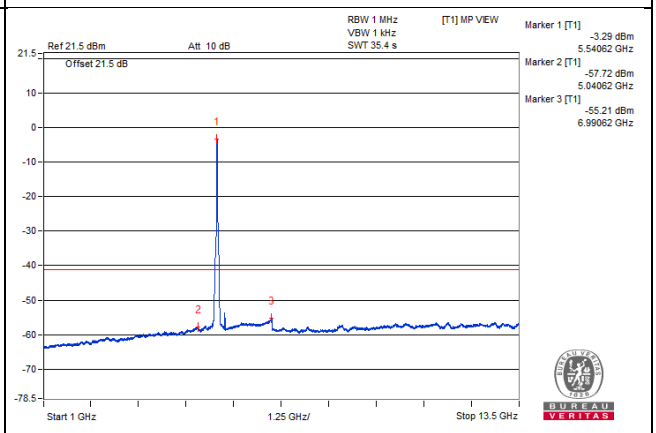

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.58 dBm
39.48250 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

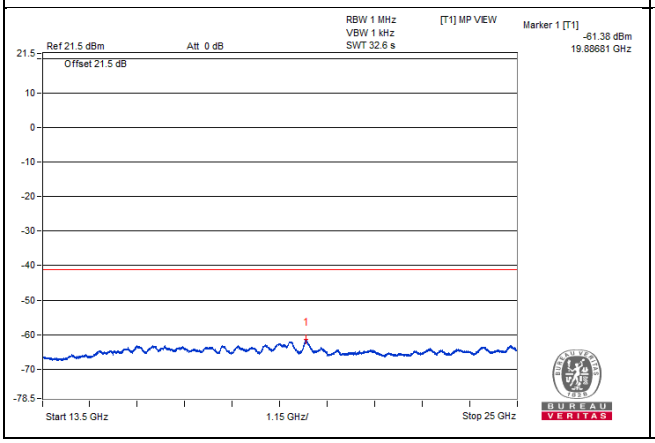
Chain 1

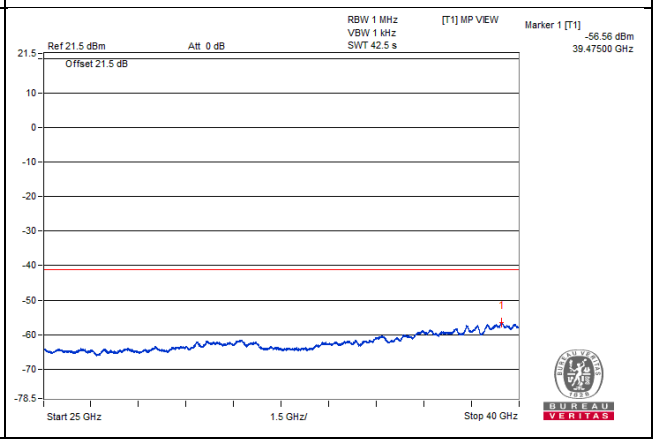

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.91 dBm
5.55937 GHz
Marker 2 [T1]
-46.00 dBm
4.18906 GHz
Marker 3 [T1]
-43.26 dBm
6.99218 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.07 dBm
19.24425 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.61 dBm
38.99125 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-3.29 dBm
5.54062 GHz
Marker 2 [T1]
-57.72 dBm
5.04062 GHz
Marker 3 [T1]
-55.21 dBm
6.99062 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.38 dBm
19.88681 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.56 dBm
39.47500 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

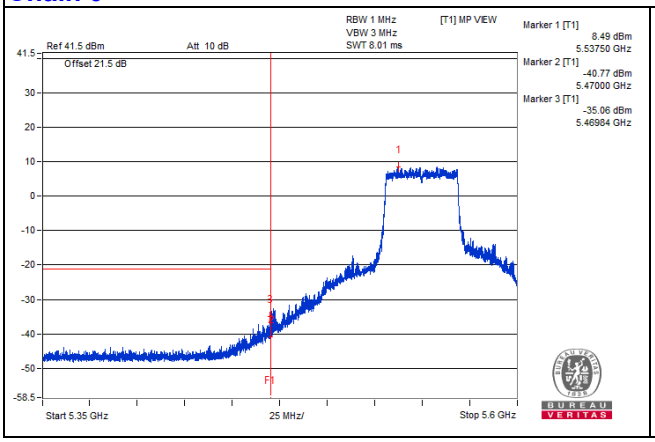
Bandedge table

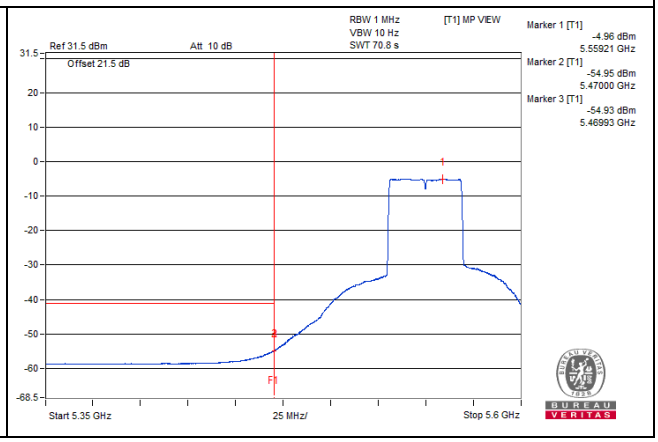
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5459.4 PK	65.79	74	-8.21	-40.81	-39.85	7.82	-29.47
2	5459.87 AV	49	54	-5	-57.06	-57.13	7.82	-46.26
3	5469.84 PK	69.12	68.2	*0.92	-35.06	-40.48	7.82	-26.14

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

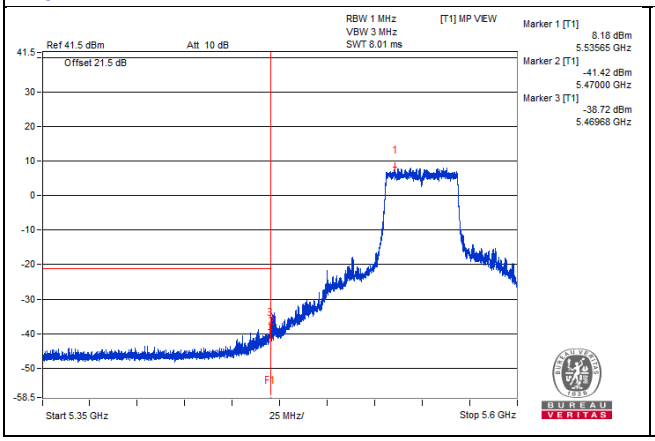
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

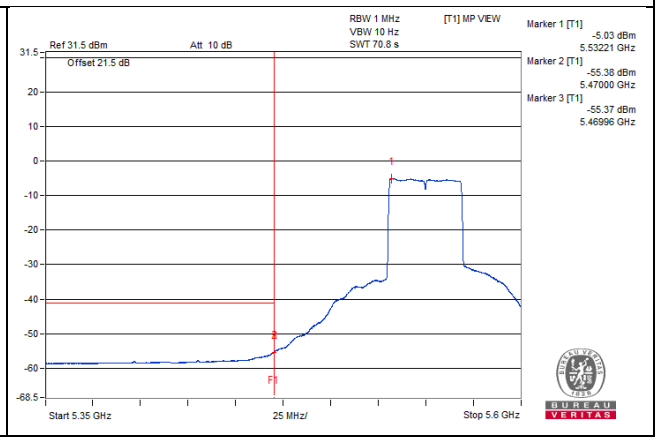
Chain 0





Chain 1





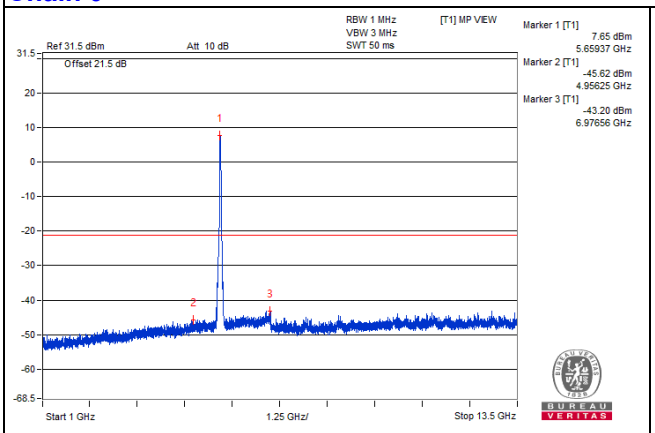
Channel 134

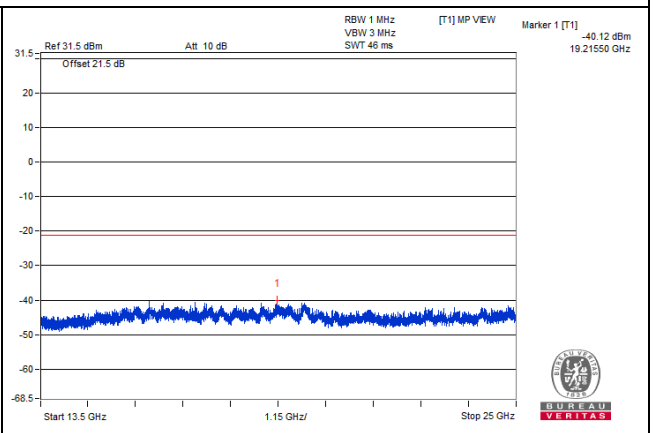
Conducted spurious emission table

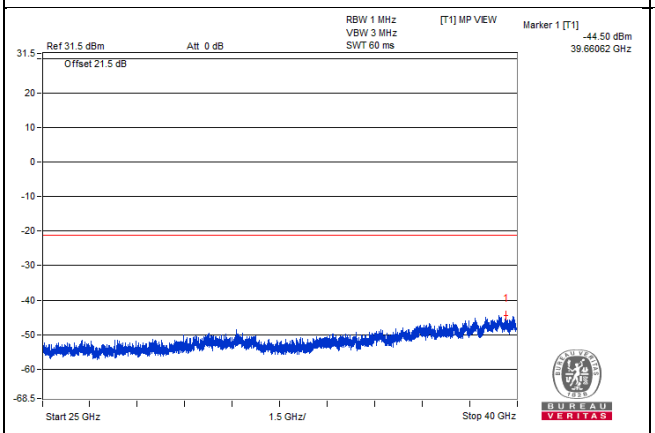
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1470.31 PK	54.43	74	-19.57	-51.79	-52.25	8.17	-40.83
2	1464.06 AV	43.7	54	-10.3	-62.92	-62.56	8.17	-51.56
3	7550 PK	59.51	74	-14.49	-46.22	-47.79	8.17	-35.75
4	7553.12 AV	47.92	54	-6.08	-58.55	-58.5	8.17	-47.34
5	11339.06 PK	61.33	74	-12.67	-46.42	-44.1	8.17	-33.93
6	11340.62 AV	49.67	54	-4.33	-57.02	-56.54	8.17	-45.59
7	17011.81 PK	62.64	68.2	-5.56	-43.07	-44.68	8.17	-32.62

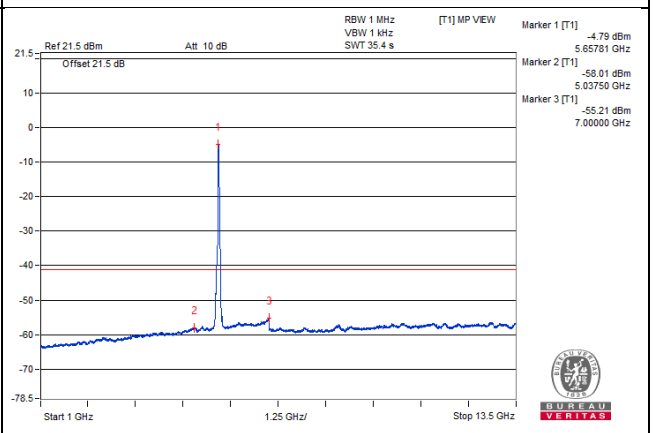
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

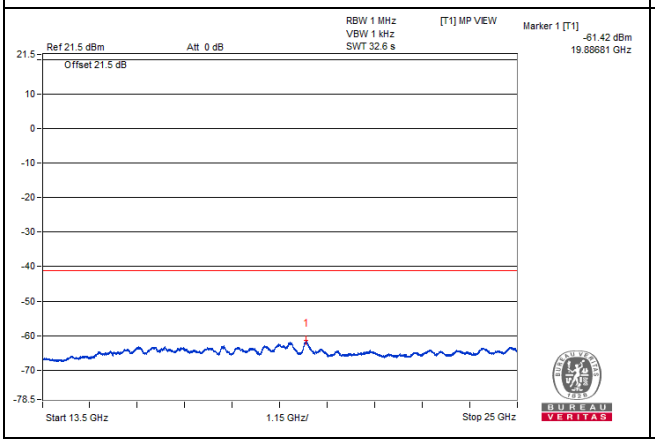
Chain 0

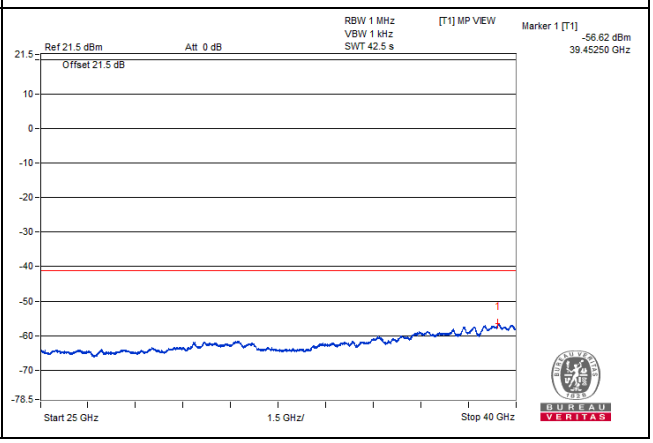

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
7.65 dBm
5.65937 GHz
Marker 2 [T1]
-45.62 dBm
4.95625 GHz
Marker 3 [T1]
-43.20 dBm
6.97656 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.12 dBm
19.21550 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

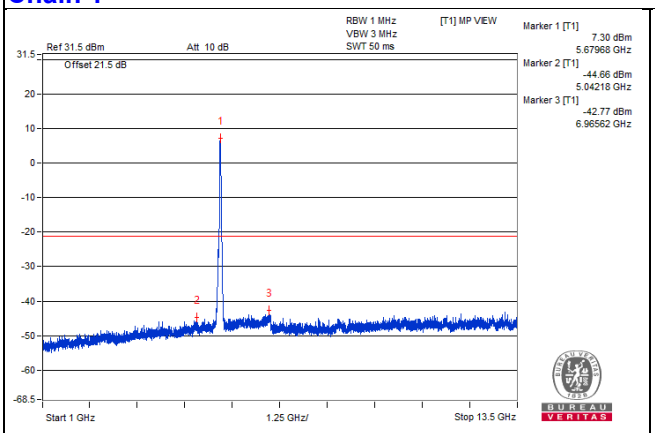

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.50 dBm
39.66062 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

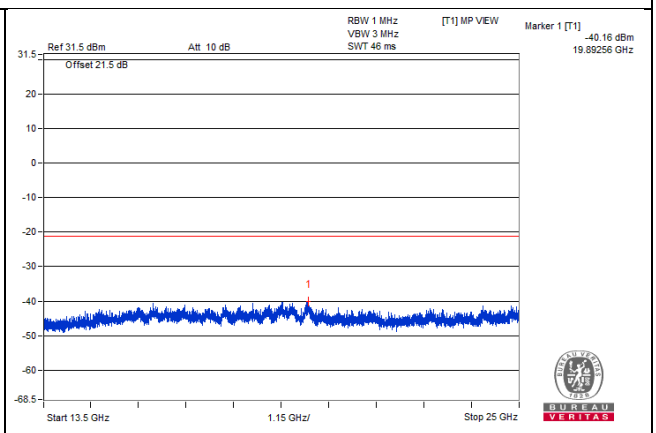

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-4.79 dBm
5.65781 GHz
Marker 2 [T1]
-58.01 dBm
5.03750 GHz
Marker 3 [T1]
-55.21 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

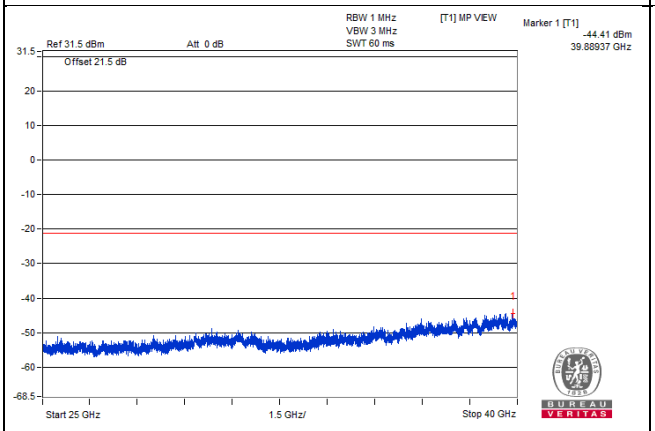

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.42 dBm
19.88681 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

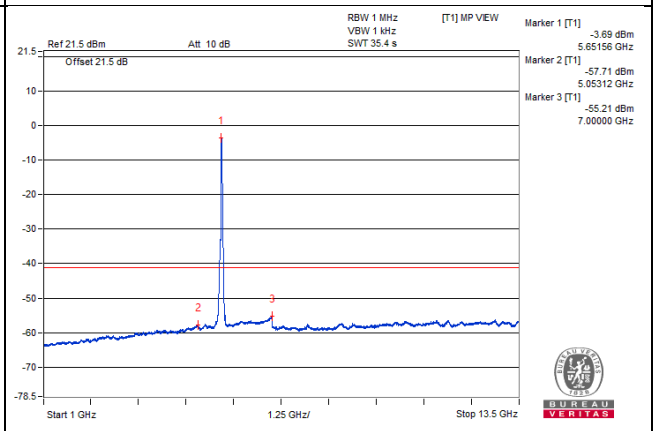

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.62 dBm
39.45250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

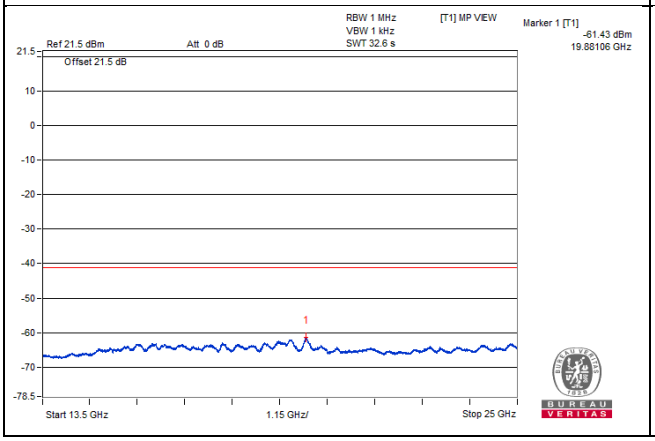
Chain 1

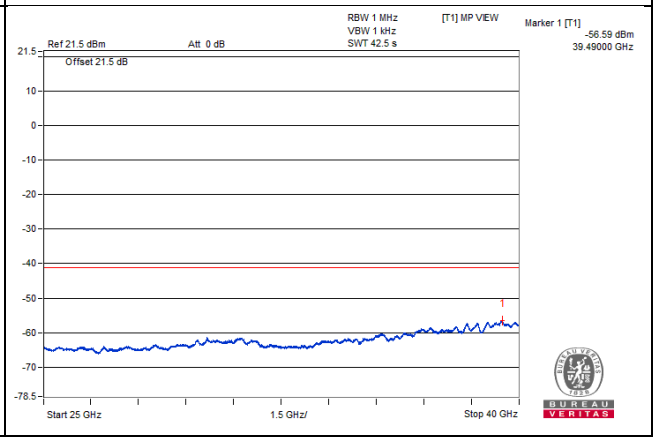

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.30 dBm
5.67968 GHz
Marker 2 [T1]
-44.66 dBm
5.04218 GHz
Marker 3 [T1]
-42.77 dBm
6.96562 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.16 dBm
19.89256 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.41 dBm
39.88937 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-3.69 dBm
5.65156 GHz
Marker 2 [T1]
-57.71 dBm
5.05312 GHz
Marker 3 [T1]
-55.21 dBm
7.00000 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.43 dBm
19.88106 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.59 dBm
39.49000 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

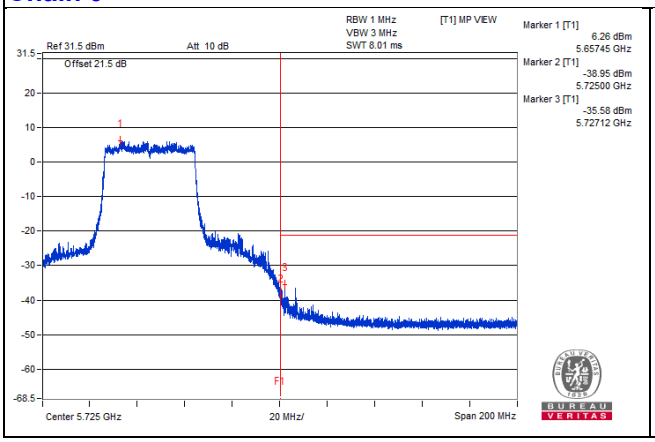
Bandedge table

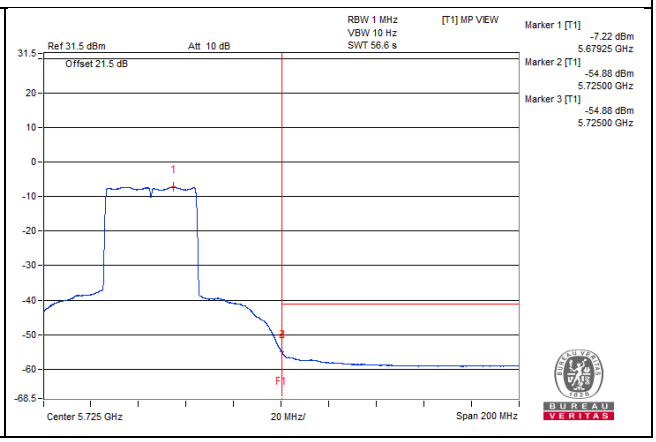
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5727.12 PK	68.32	68.2	*0.12	-35.58	-42.43	7.82	-26.94

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

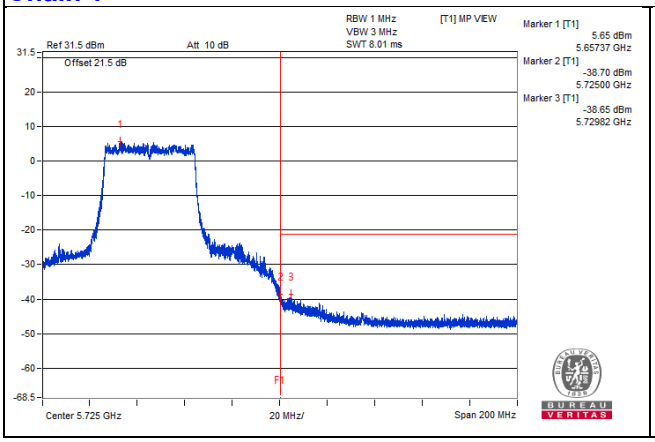
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

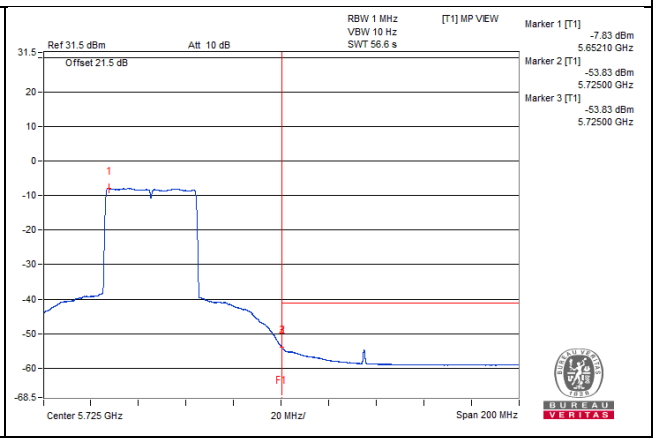
Chain 0





Chain 1





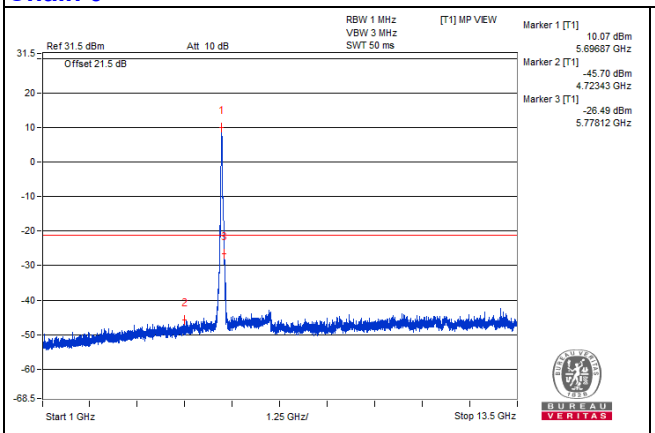
Channel 142

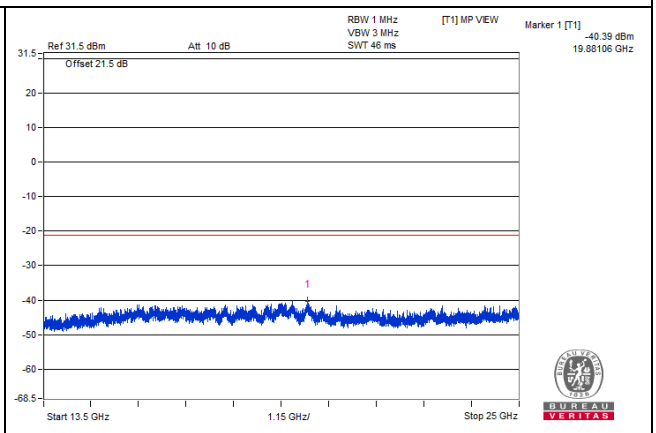
Conducted spurious emission table

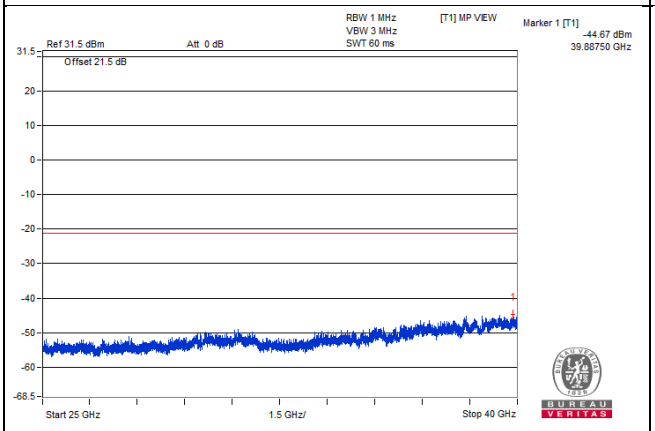
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1495.31 PK	55.23	74	-18.77	-51.1	-51.32	8.17	-40.03
2	1503.12 AV	43.74	54	-10.26	-62.63	-62.78	8.17	-51.52
3	7617.18 PK	59.32	74	-14.68	-47.57	-46.72	8.17	-35.94
4	7620.31 AV	47.93	54	-6.07	-58.56	-58.46	8.17	-47.33
5	11417.18 PK	60.81	74	-13.19	-45.22	-46.08	8.17	-34.45
6	11410.93 AV	49.01	54	-4.99	-57.22	-57.66	8.17	-46.25
7	17121.06 PK	62.74	68.2	-5.46	-43.36	-44.08	8.17	-32.52

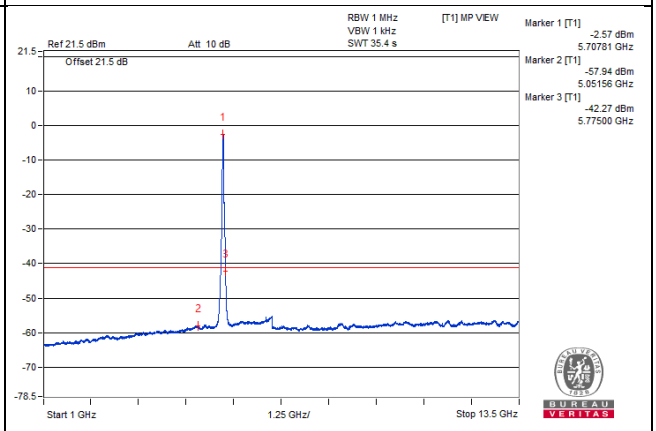
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

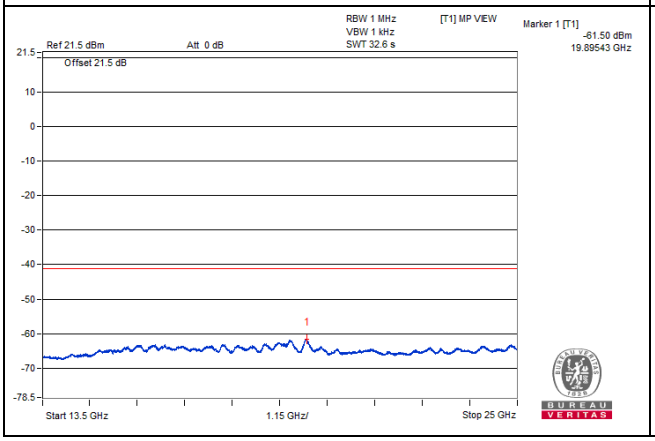
Chain 0

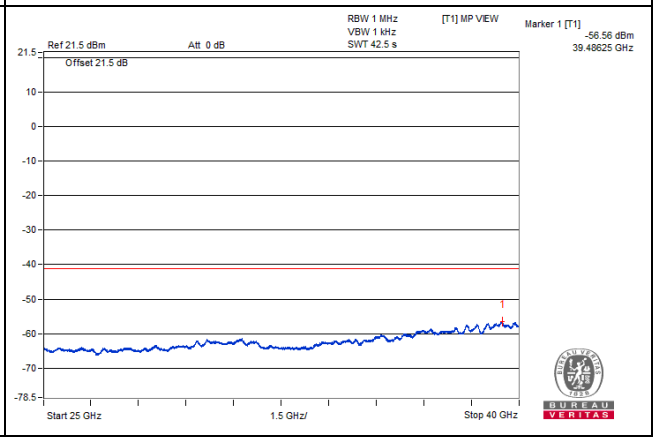

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
10.07 dBm
5.69687 GHz
Marker 2 [T1]
-45.70 dBm
4.72343 GHz
Marker 3 [T1]
-26.49 dBm
5.77812 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.39 dBm
19.88106 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

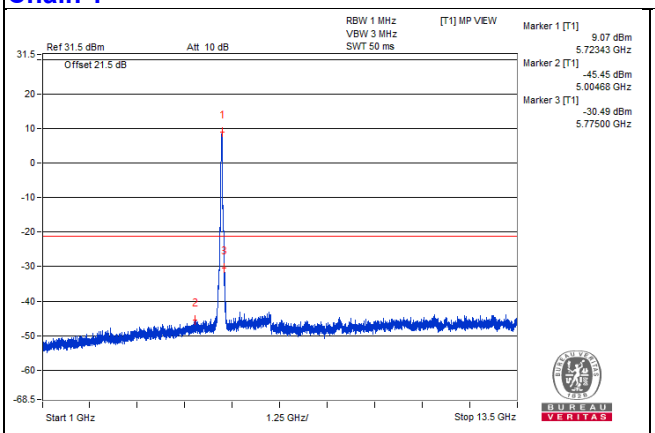

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.67 dBm
39.88750 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

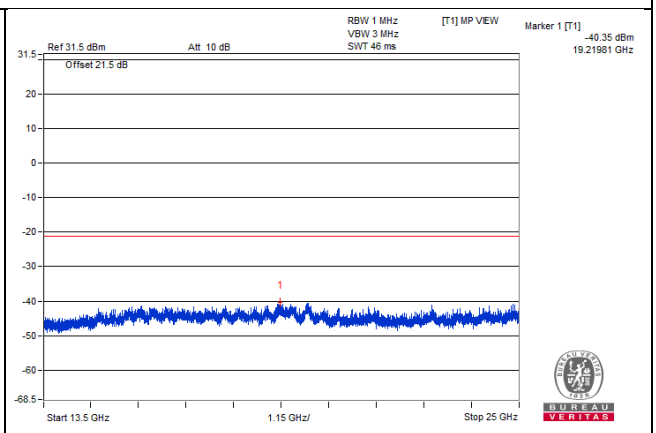

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-2.57 dBm
5.70781 GHz
Marker 2 [T1]
-57.94 dBm
5.05156 GHz
Marker 3 [T1]
-42.27 dBm
5.77500 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

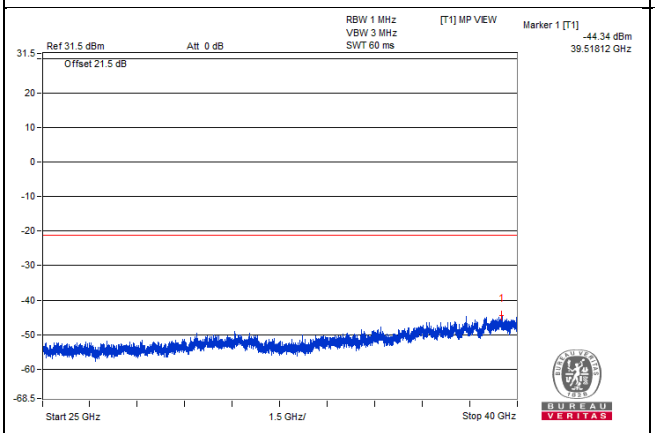

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.50 dBm
19.89543 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

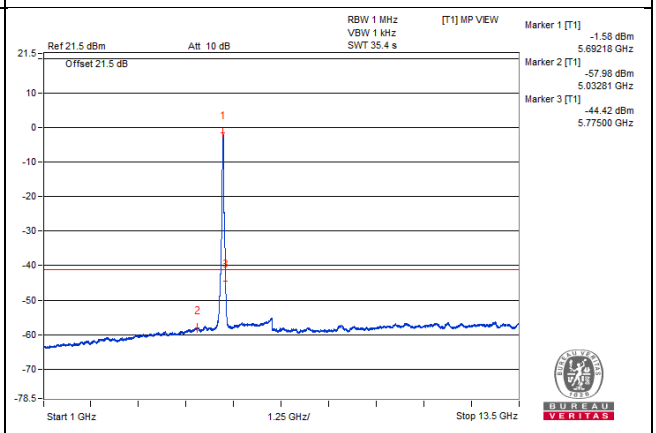

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.56 dBm
39.48625 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

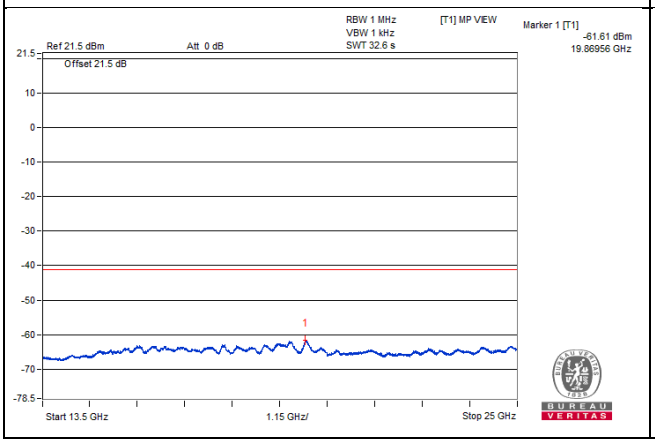
Chain 1

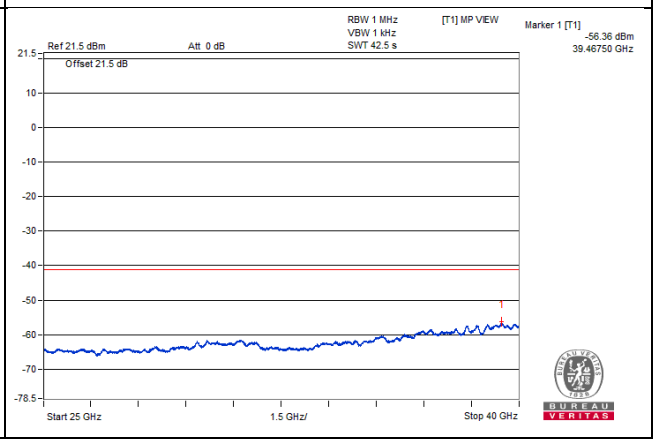

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
9.07 dBm
5.72343 GHz
Marker 2 [T1]
-45.45 dBm
5.00468 GHz
Marker 3 [T1]
-30.49 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.35 dBm
19.21981 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.34 dBm
39.51812 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-1.58 dBm
5.69218 GHz
Marker 2 [T1]
-57.98 dBm
5.03281 GHz
Marker 3 [T1]
-44.42 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.61 dBm
19.86956 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

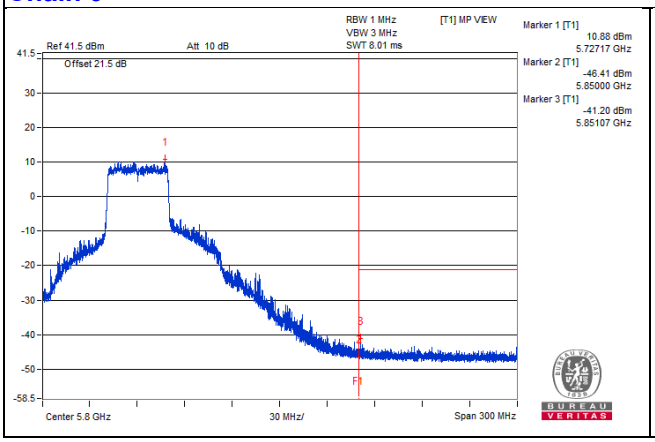

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.36 dBm
39.46750 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

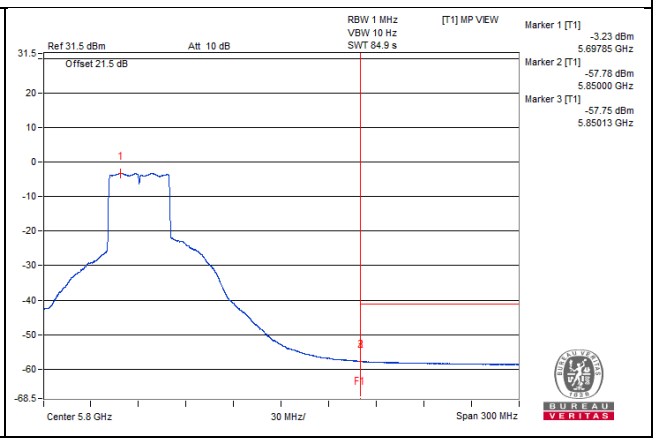
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5851.07 PK	63.23	68.2	-4.97	-41.2	-45.59	7.82	-32.03

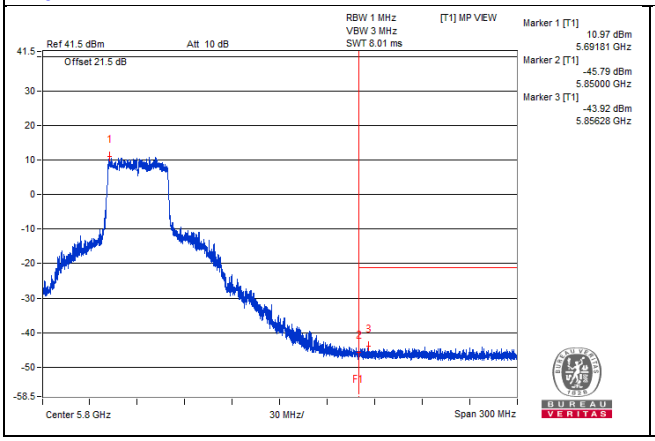
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

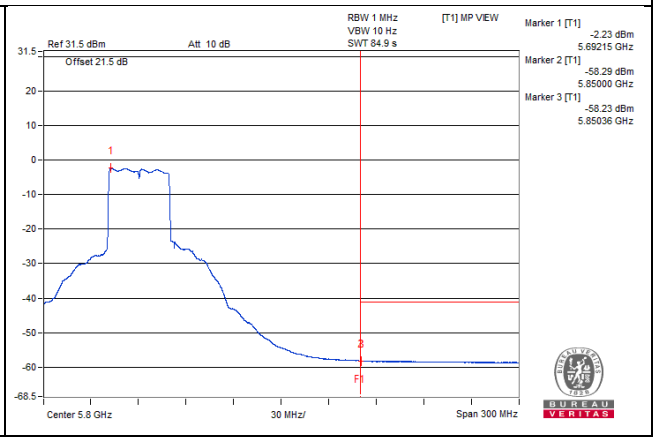
Chain 0





Chain 1





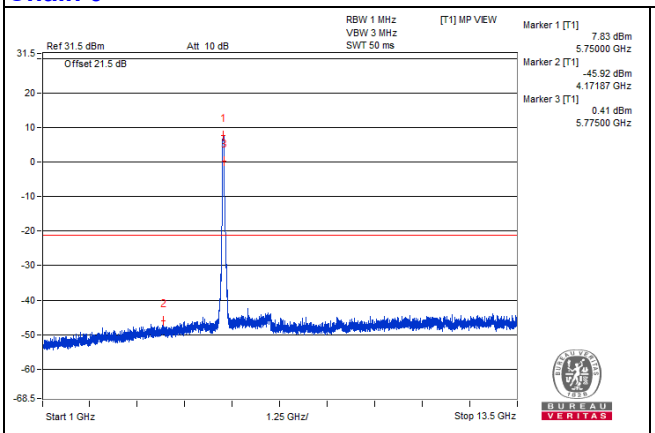
Channel 151

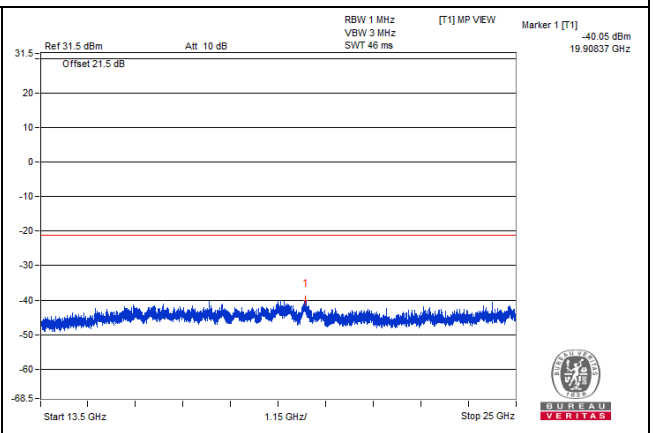
Conducted spurious emission table

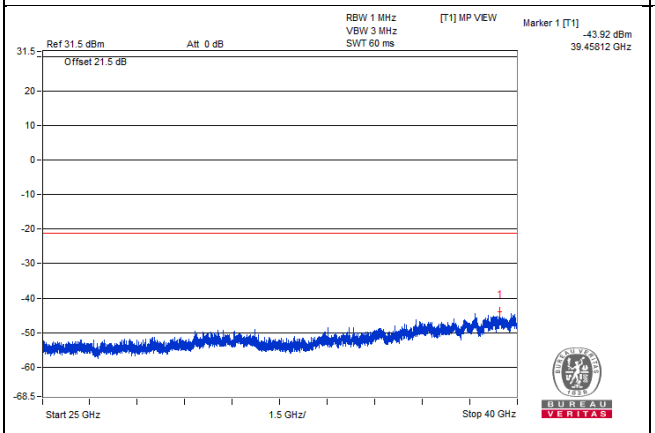
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1543.75 PK	56.1	74	-17.9	-50.85	-49.89	8.17	-39.16
2	1550 AV	43.63	54	-10.37	-62.98	-62.65	8.17	-51.63
3	7676.56 PK	59.77	74	-14.23	-46.89	-46.47	8.17	-35.49
4	7664.06 AV	47.58	54	-6.42	-58.86	-58.87	8.17	-47.68
5	11518.75 PK	60.08	74	-13.92	-46.37	-46.36	8.17	-35.18
6	11500 AV	48.7	54	-5.3	-57.74	-57.75	8.17	-46.56
7	17263.37 PK	62.43	68.2	-5.77	-43.57	-44.49	8.17	-32.83

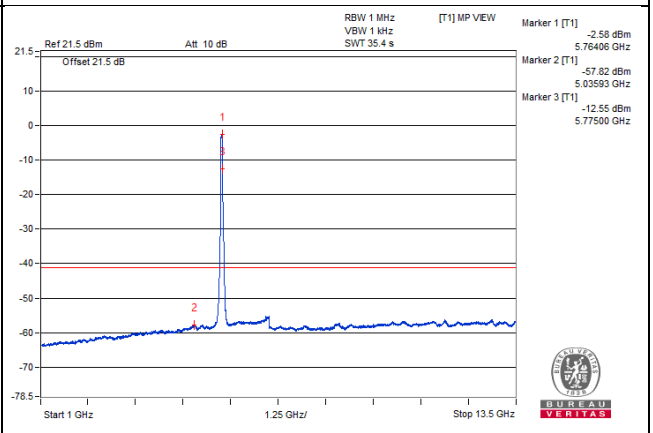
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

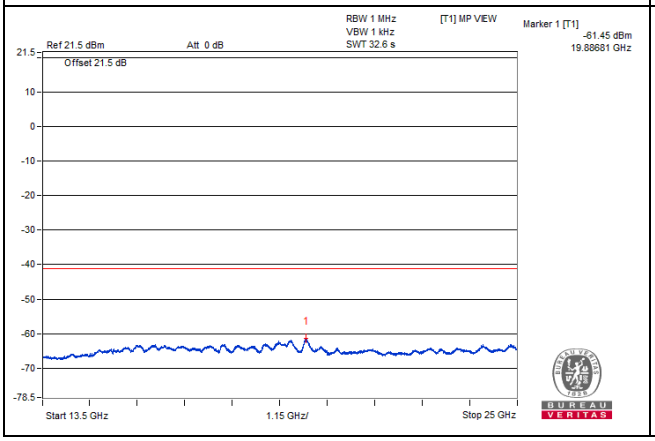
Chain 0

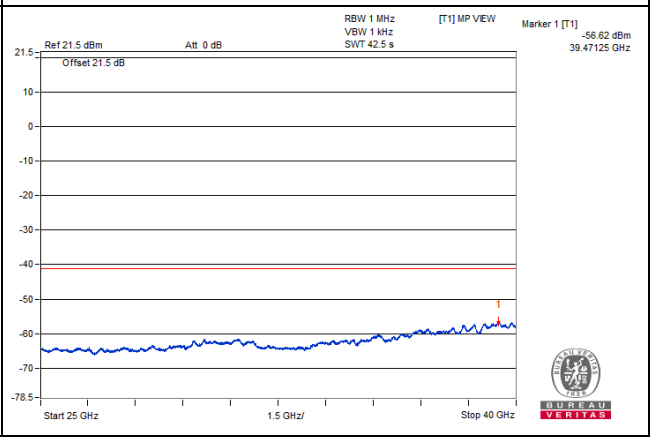

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
7.83 dBm
5.75000 GHz
Marker 2 [T1]
-45.92 dBm
4.17187 GHz
Marker 3 [T1]
0.41 dBm
5.77500 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.05 dBm
19.90837 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

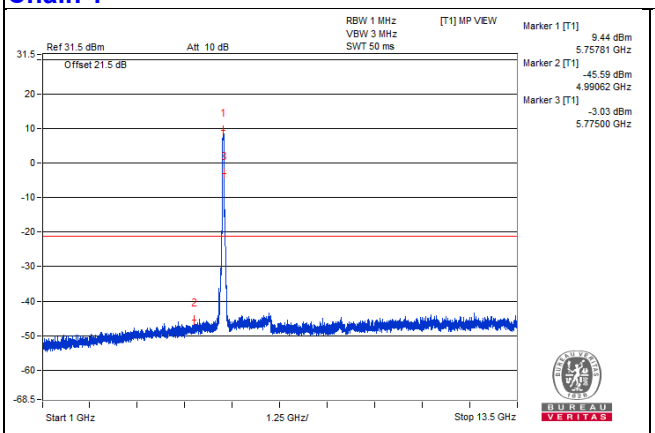

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-43.92 dBm
39.45812 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

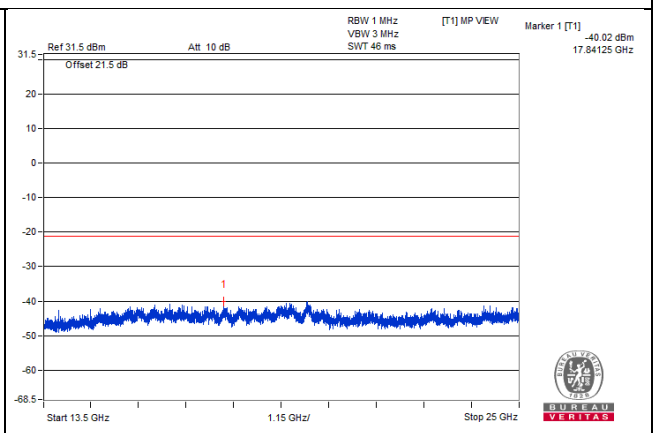

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-2.58 dBm
5.76406 GHz
Marker 2 [T1]
-57.82 dBm
5.03593 GHz
Marker 3 [T1]
-12.55 dBm
5.77500 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

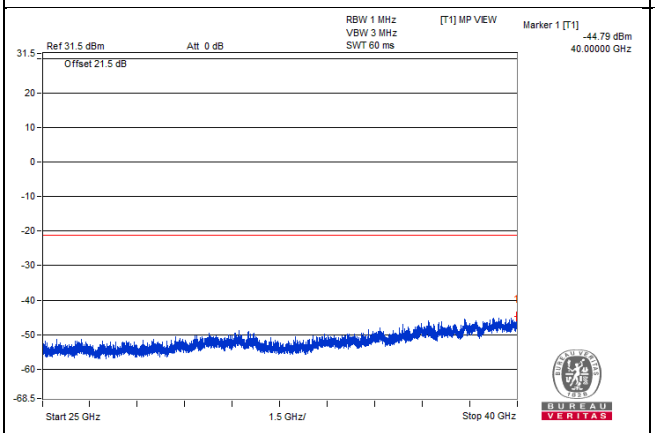

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.45 dBm
19.88681 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

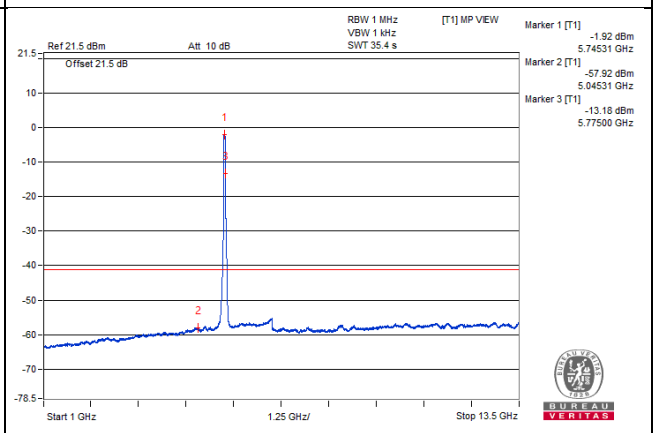

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.62 dBm
39.47125 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

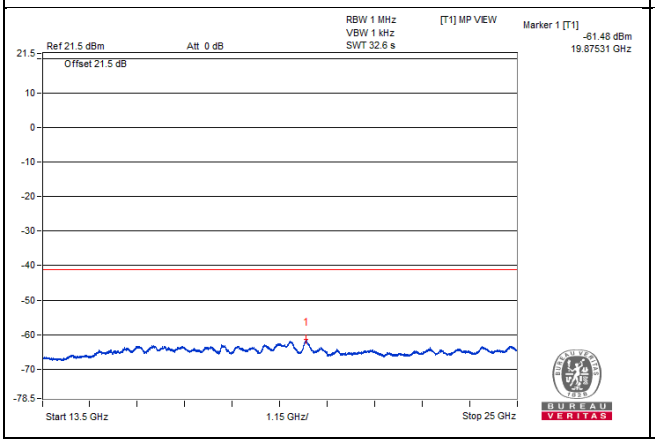
Chain 1

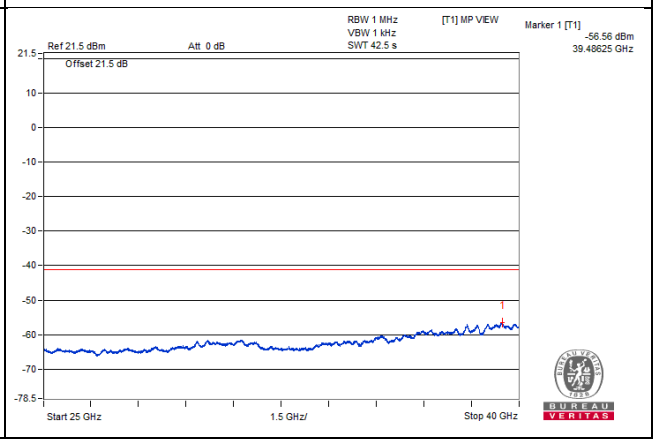

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
9.44 dBm
5.75781 GHz
Marker 2 [T1]
-45.59 dBm
4.99062 GHz
Marker 3 [T1]
-3.03 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.02 dBm
17.84125 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.79 dBm
40.00000 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

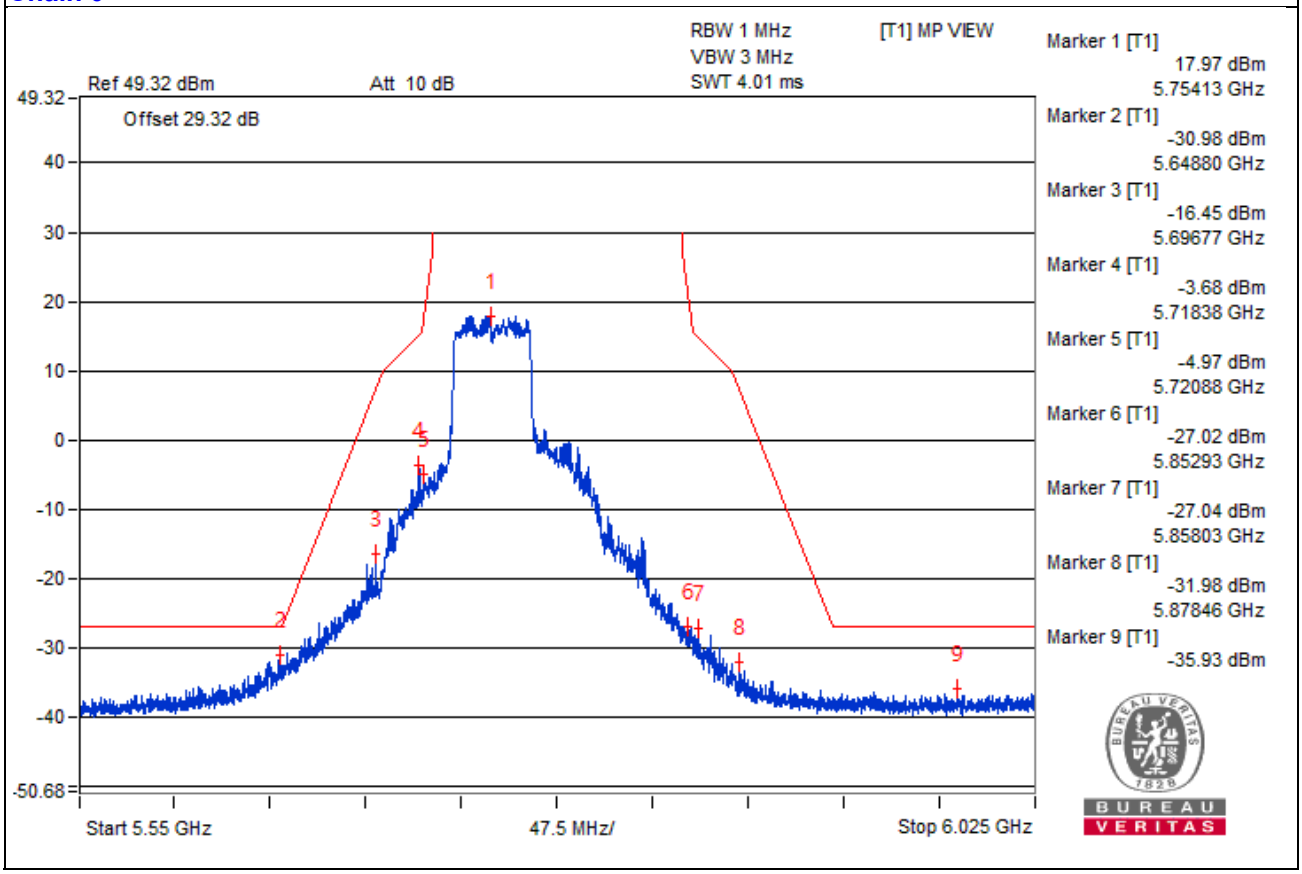

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-1.92 dBm
5.74531 GHz
Marker 2 [T1]
-57.92 dBm
5.04531 GHz
Marker 3 [T1]
-13.18 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.48 dBm
19.87531 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

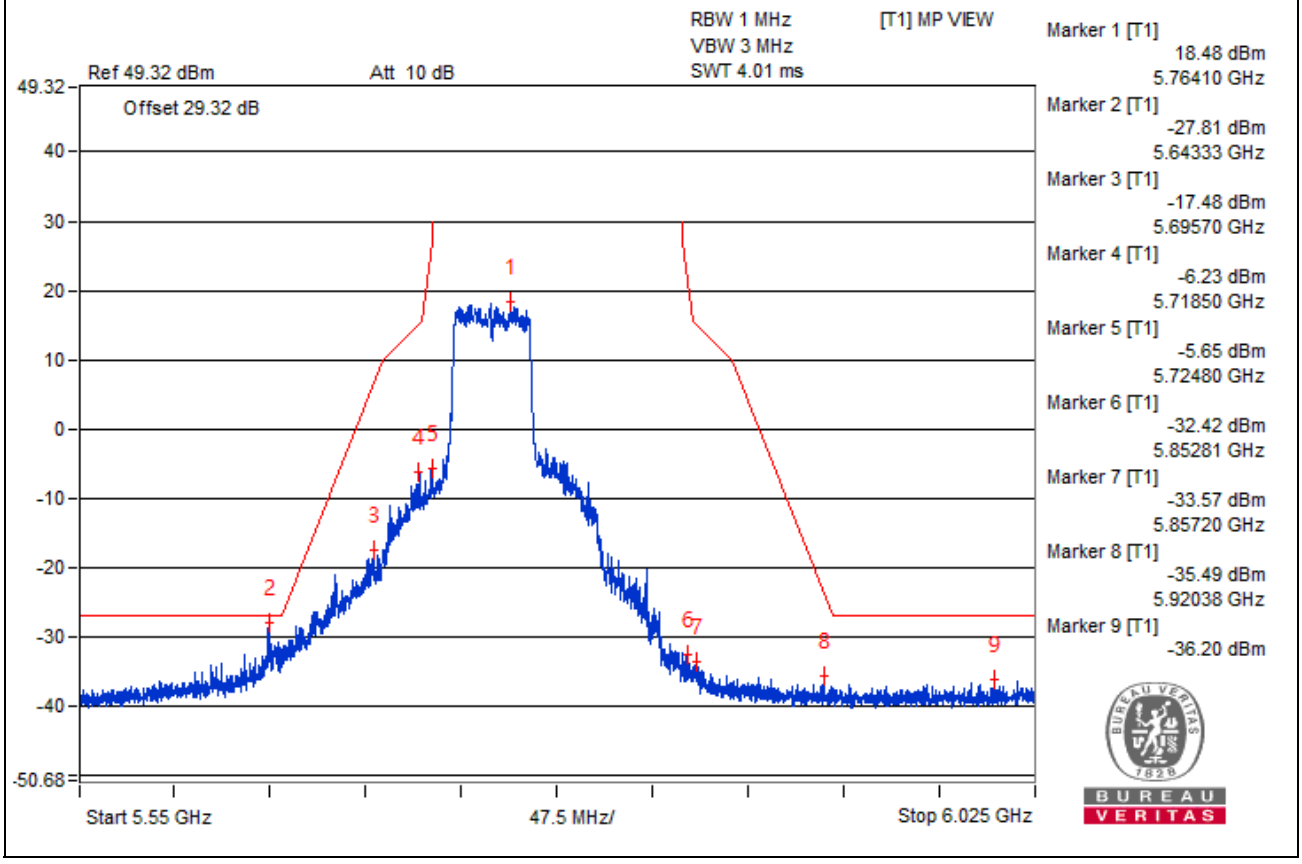

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.56 dBm
39.48625 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



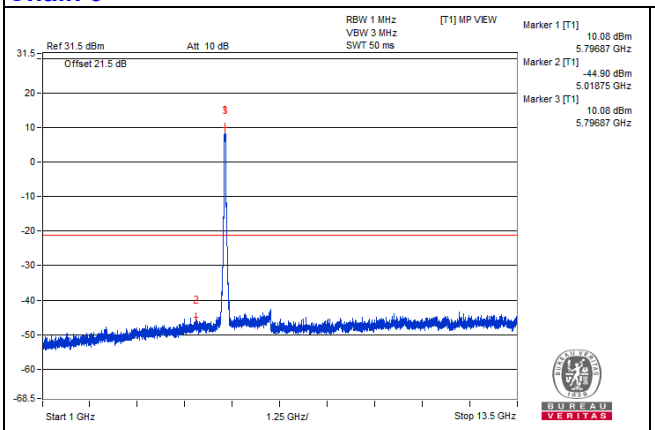
Channel 159

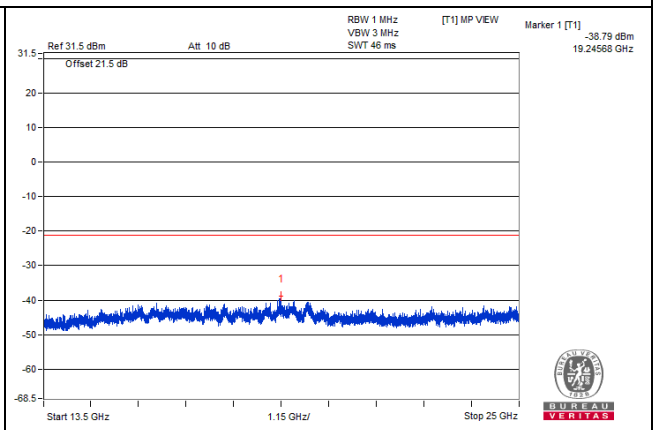
Conducted spurious emission table

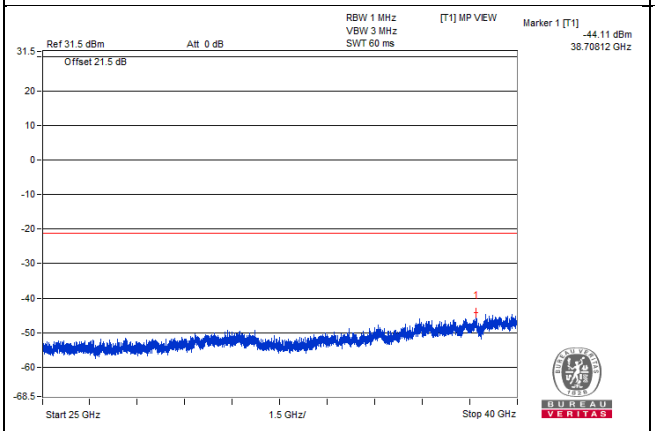
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1598.43 PK	55.18	74	-18.82	-49.9	-53.26	8.17	-40.08
2	1598.43 AV	43.77	54	-10.23	-62.31	-63.06	8.17	-51.49
3	7717.18 PK	58.21	74	-15.79	-47.29	-49.42	8.17	-37.05
4	7735.93 AV	47.3	54	-6.7	-59.16	-59.13	8.17	-47.96
5	11596.87 PK	60.46	74	-13.54	-46.38	-45.61	8.17	-34.8
6	11598.43 AV	49.36	54	-4.64	-56.92	-57.25	8.17	-45.9
7	17378.37 PK	63.58	68.2	-4.62	-42.46	-43.3	8.17	-31.68

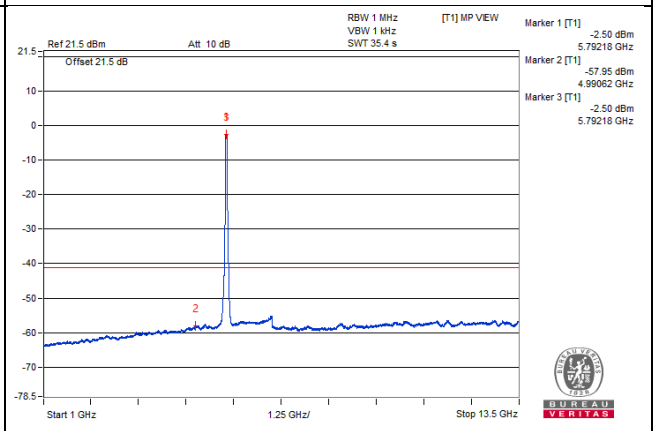
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

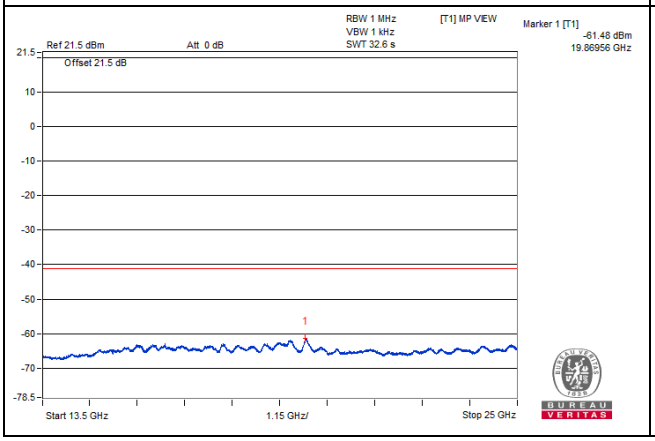
Chain 0

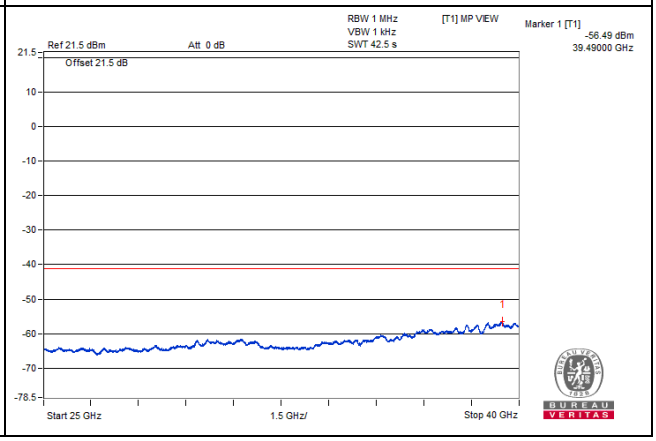

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
10.08 dBm
5.79687 GHz
Marker 2 [T1]
-44.90 dBm
5.01875 GHz
Marker 3 [T1]
10.08 dBm
5.79687 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-38.79 dBm
19.24568 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

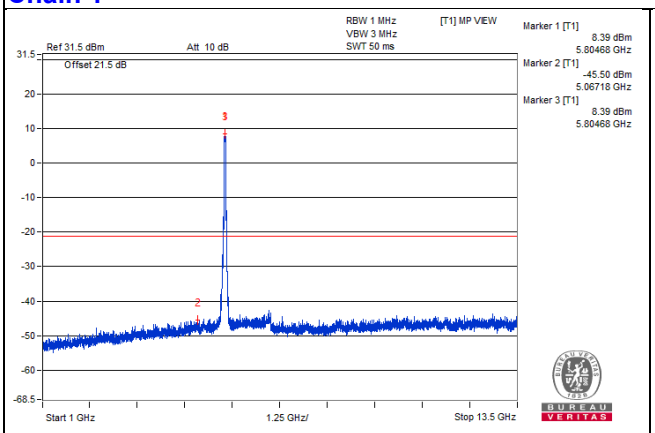

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.11 dBm
38.70812 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

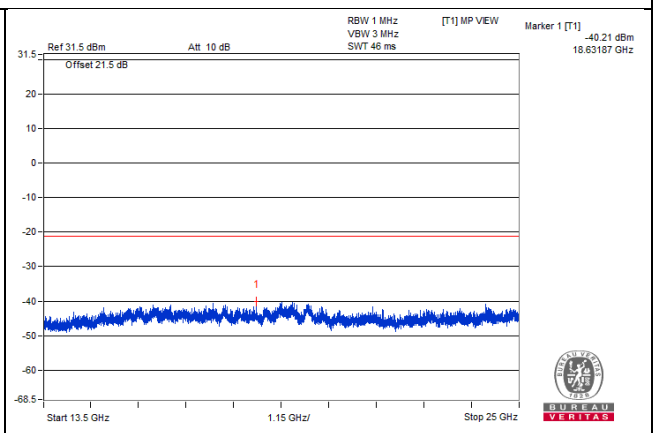

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-2.50 dBm
5.79218 GHz
Marker 2 [T1]
-57.95 dBm
4.99062 GHz
Marker 3 [T1]
-2.50 dBm
5.79218 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

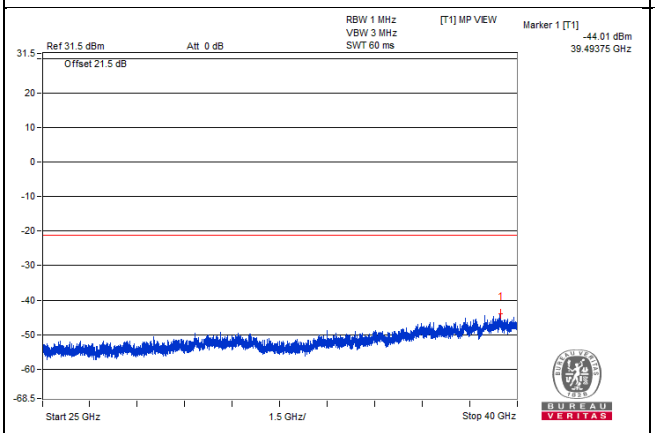

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.48 dBm
19.86956 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

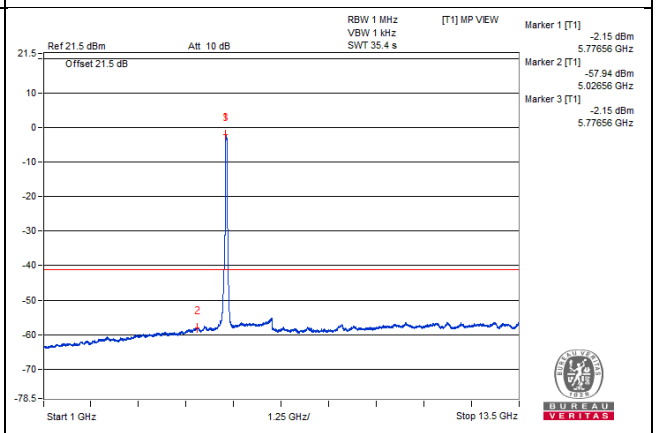

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.49 dBm
39.49000 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

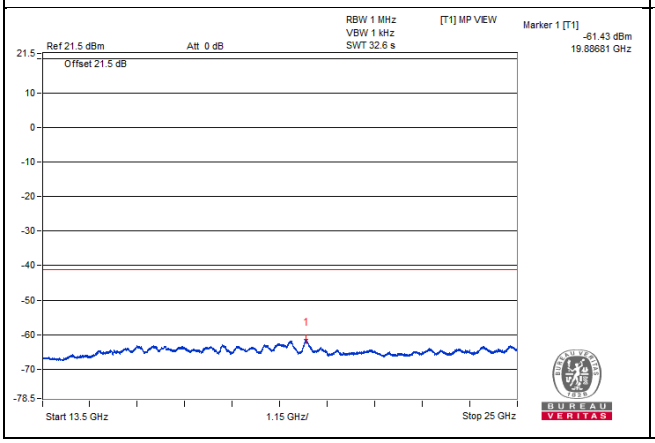
Chain 1

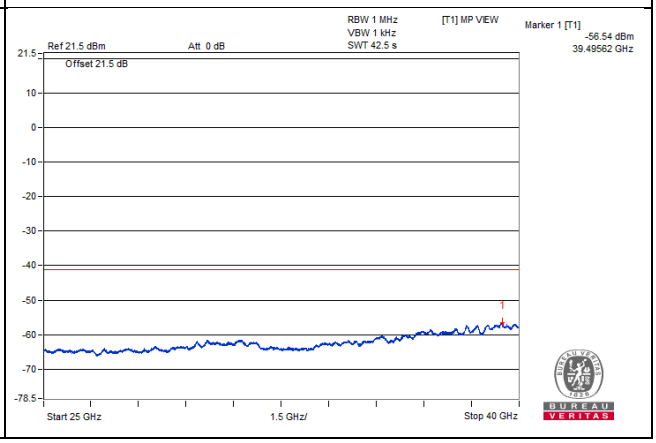

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
8.39 dBm
5.80468 GHz
Marker 2 [T1]
-45.50 dBm
5.06718 GHz
Marker 3 [T1]
8.39 dBm
5.80468 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.21 dBm
18.63187 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.01 dBm
39.49375 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

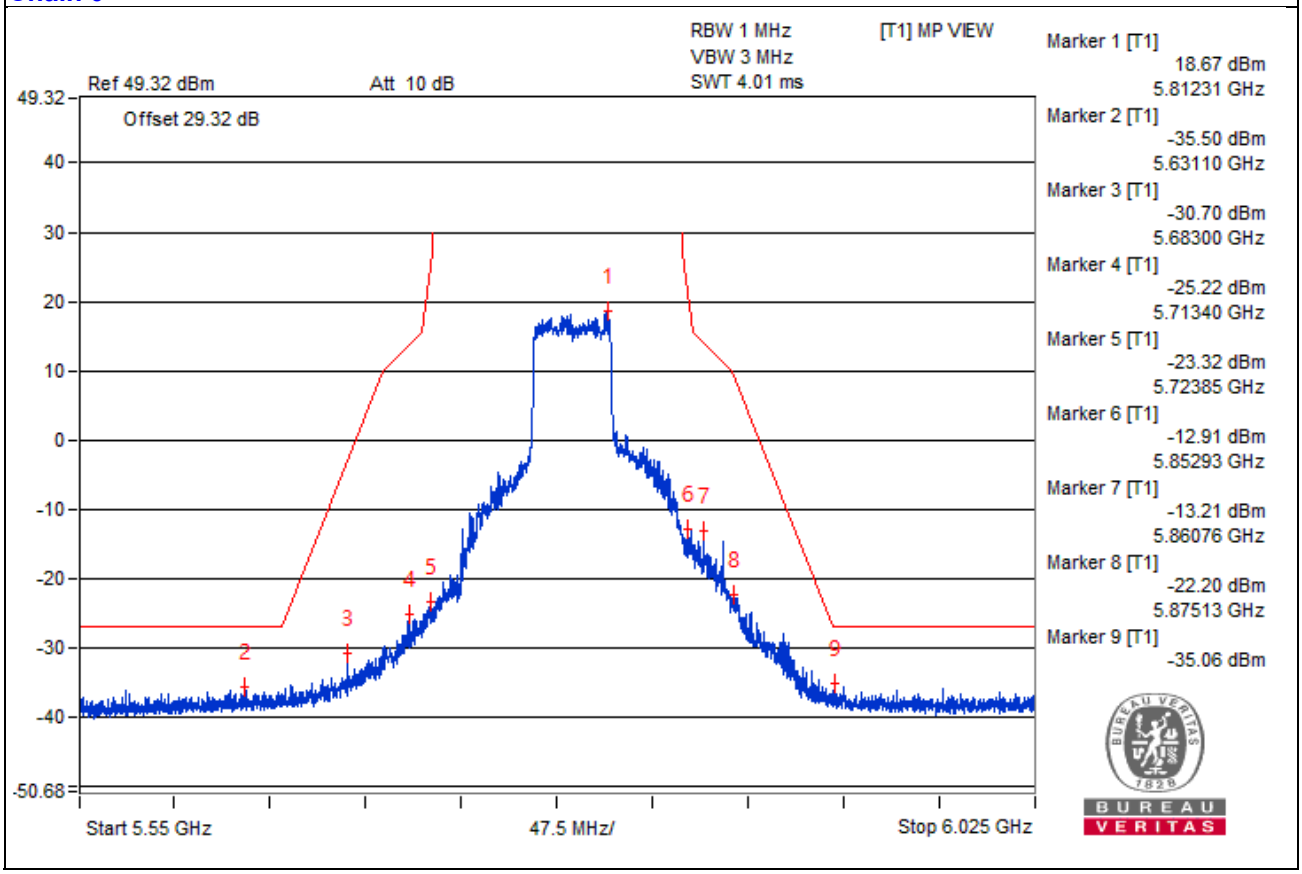

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-2.15 dBm
5.77656 GHz
Marker 2 [T1]
-57.94 dBm
5.02656 GHz
Marker 3 [T1]
-2.15 dBm
5.77656 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.43 dBm
19.88681 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

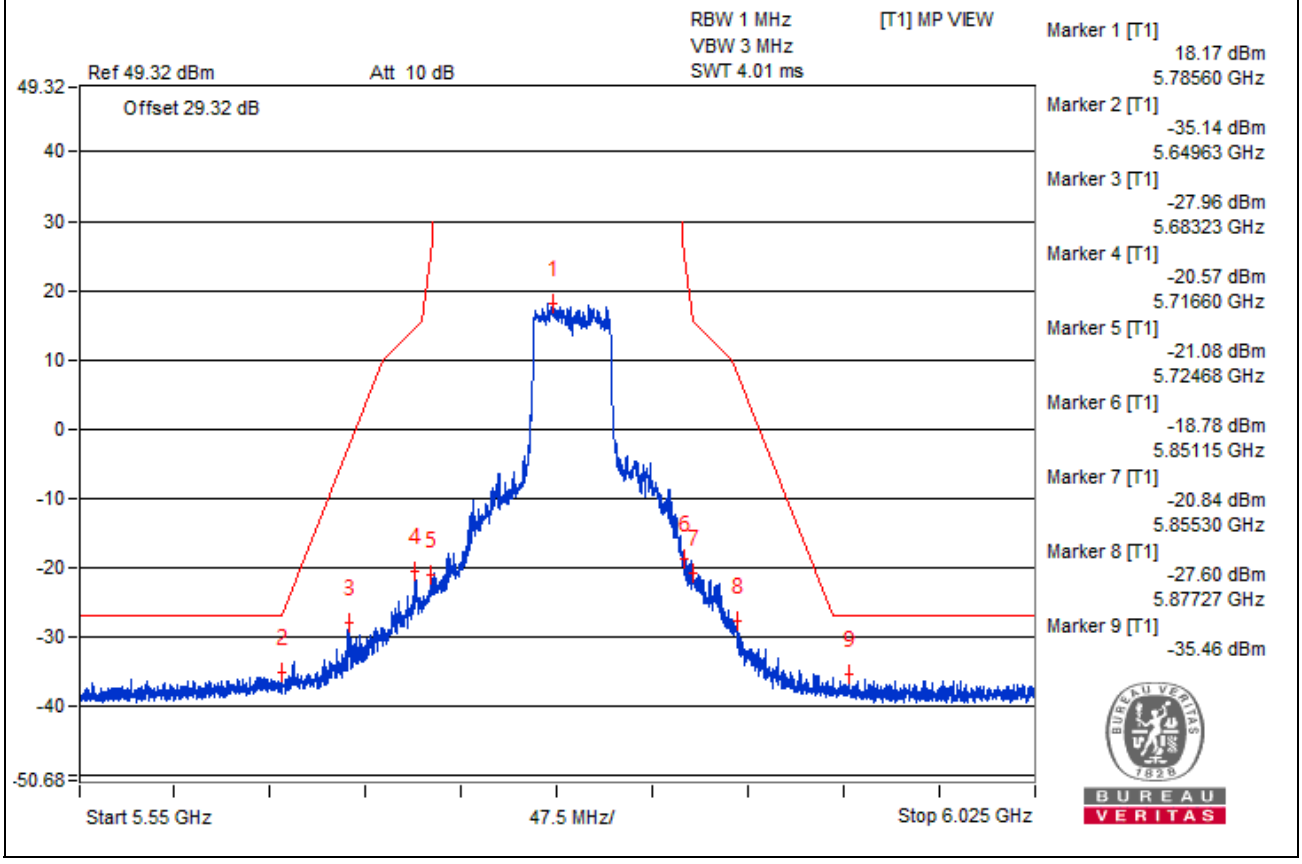

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.54 dBm
39.49562 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



80MHz Preamble

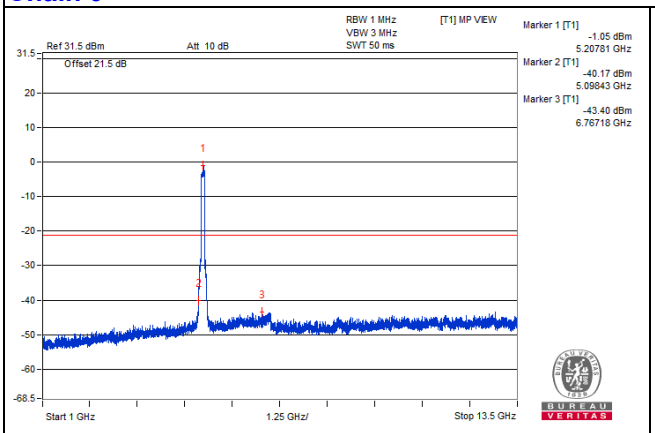
RU996
Channel 42

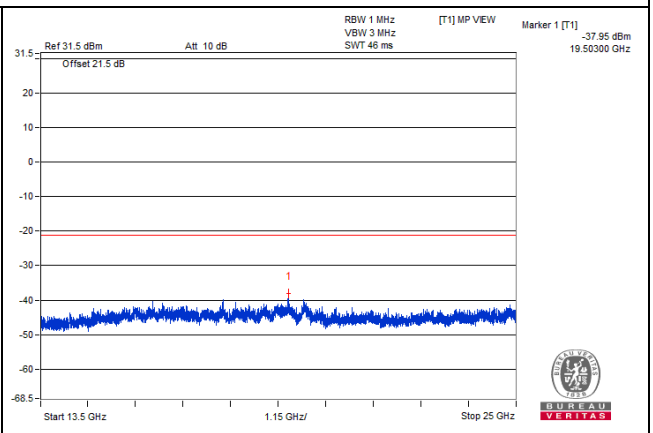
Conducted spurious emission table

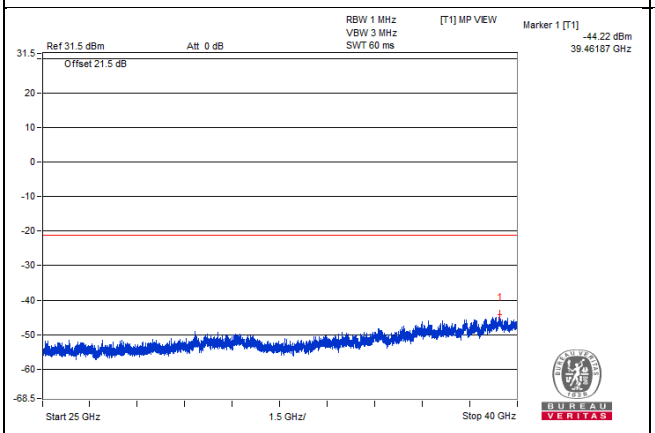
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1009.37 PK	54.64	74	-19.36	-51.18	-52.53	8.17	-40.62
2	1006.25 AV	42.9	54	-11.1	-63.67	-63.41	8.17	-52.36
3	6954.68 PK	62.16	68.2	-6.04	-44.52	-44.06	8.17	-33.1
4	10415.62 PK	59.84	68.2	-8.36	-46.36	-46.85	8.17	-35.42
5	15620.31 PK	63.26	74	-10.74	-44.1	-42.43	8.17	-32
6	15637.56 AV	41.59	54	-12.41	-64.92	-64.79	8.17	-53.67

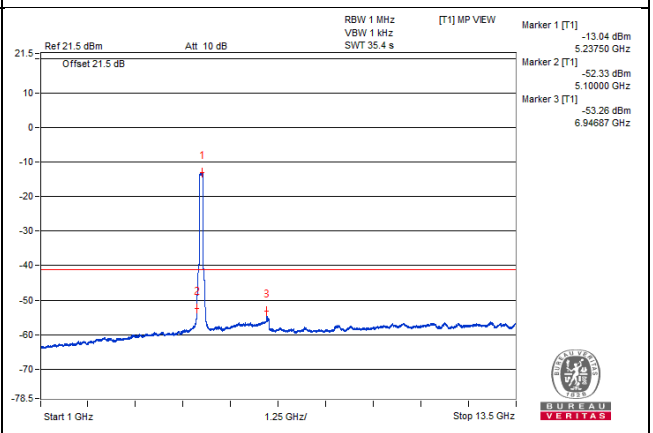
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

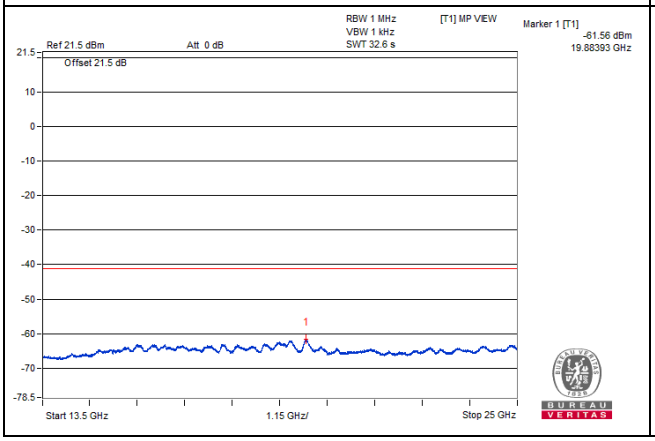
Chain 0

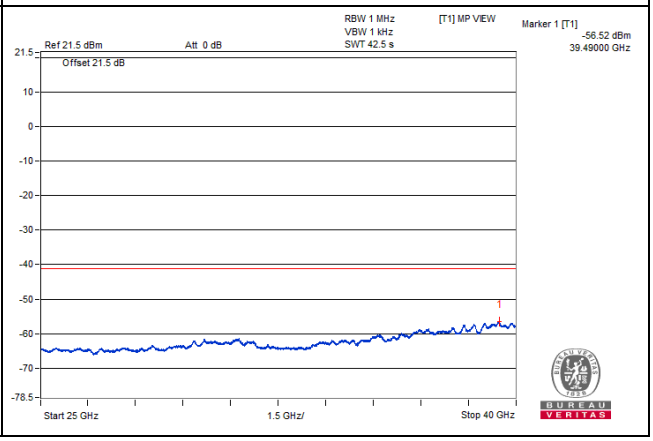

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-1.05 dBm
5.20781 GHz
Marker 2 [T1]
-40.17 dBm
5.09843 GHz
Marker 3 [T1]
-43.40 dBm
6.76718 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-37.95 dBm
19.50300 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

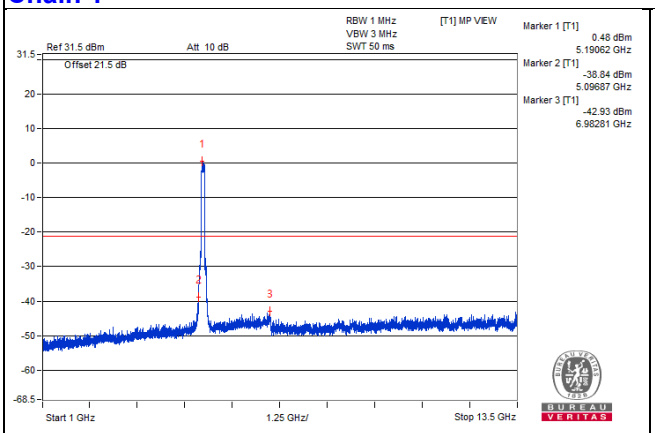

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.22 dBm
39.46187 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

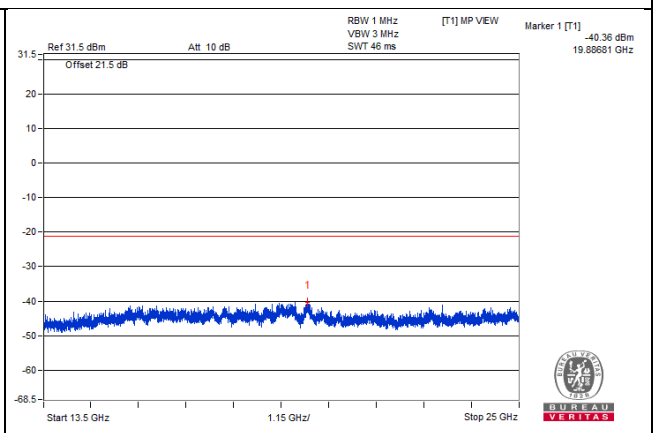

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-13.04 dBm
5.23750 GHz
Marker 2 [T1]
-52.33 dBm
5.10000 GHz
Marker 3 [T1]
-53.26 dBm
6.94687 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

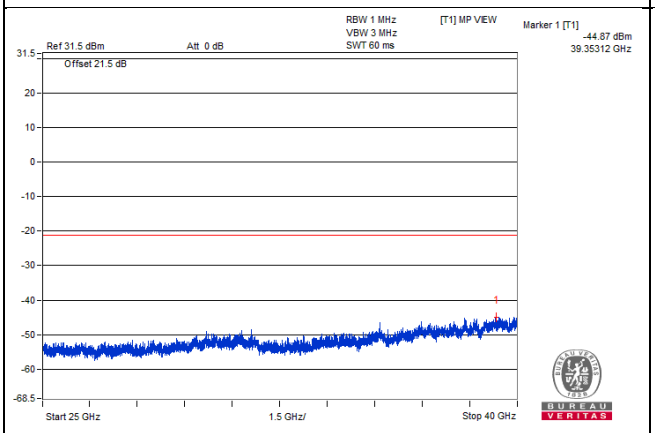

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.56 dBm
19.88393 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

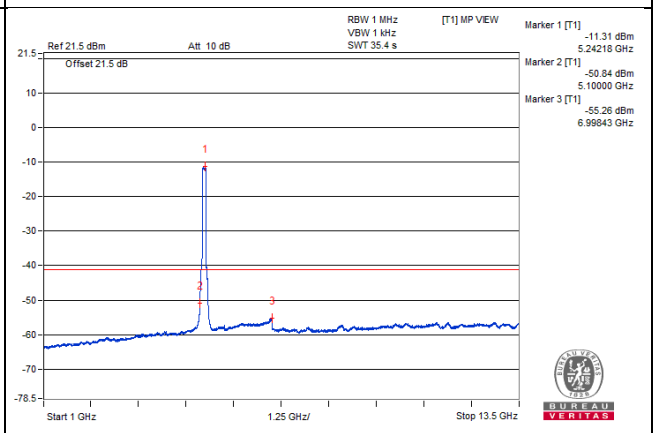

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.52 dBm
39.49000 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

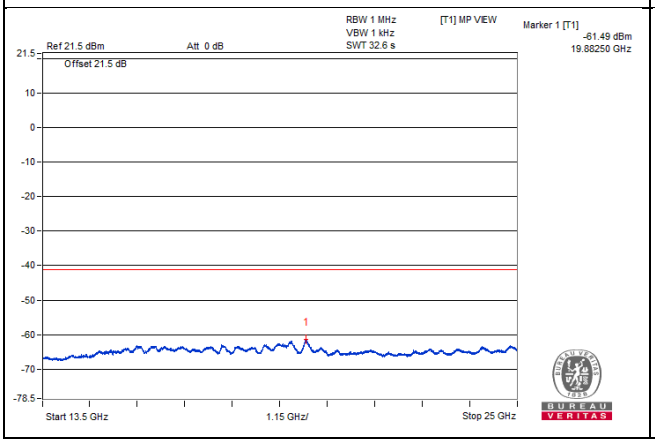
Chain 1

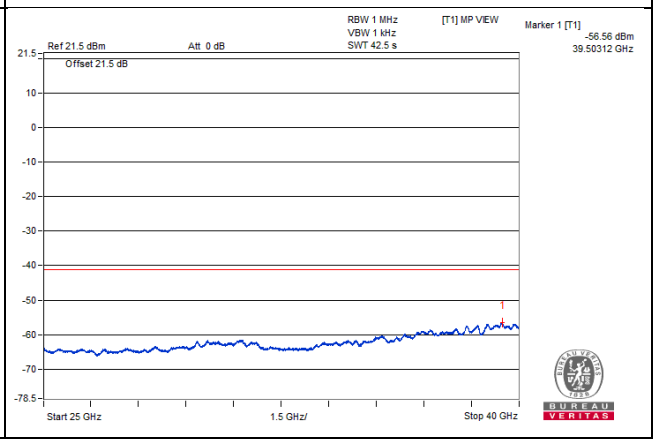

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
0.48 dBm
5.19062 GHz
Marker 2 [T1]
-38.84 dBm
5.09687 GHz
Marker 3 [T1]
-42.93 dBm
6.98281 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.36 dBm
19.88681 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.87 dBm
39.35312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-11.31 dBm
5.24218 GHz
Marker 2 [T1]
-50.84 dBm
5.10000 GHz
Marker 3 [T1]
-55.26 dBm
6.99843 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.49 dBm
19.88250 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

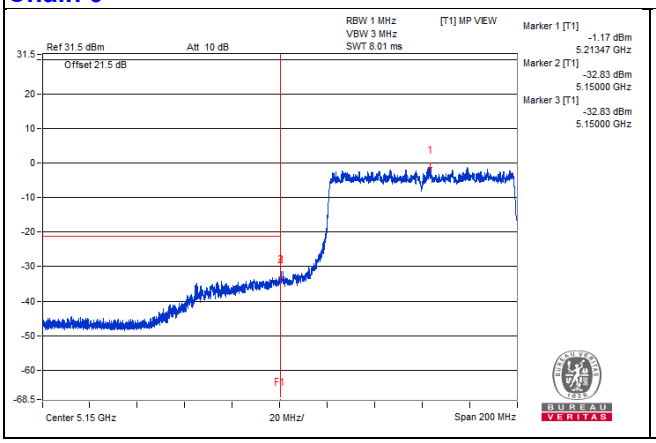

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-58.56 dBm
39.50312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

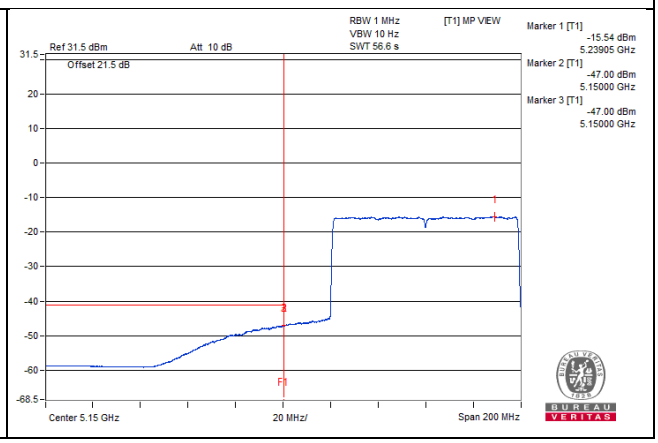
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5150 PK	71.62	74	-2.38	-32.83	-33.19	6.36	-23.64
2	5150 AV	57.74	54	*3.74	-47	-46.79	6.36	-37.52

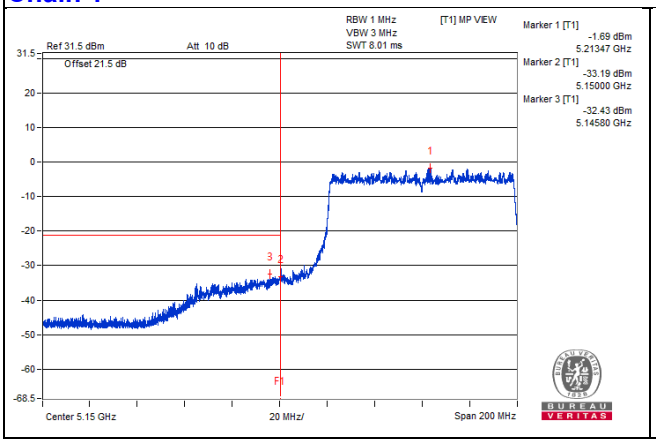
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
* The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

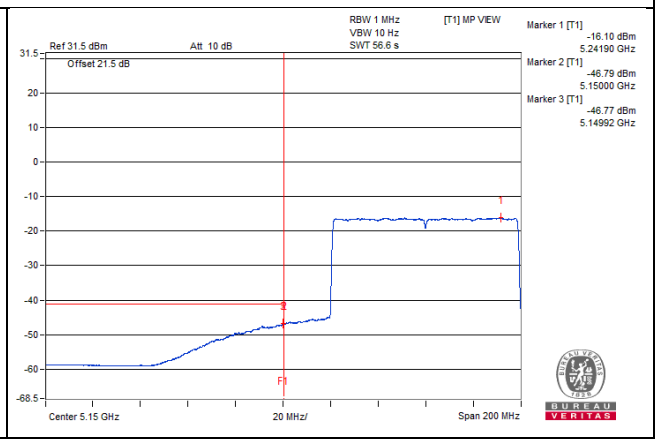
Chain 0





Chain 1





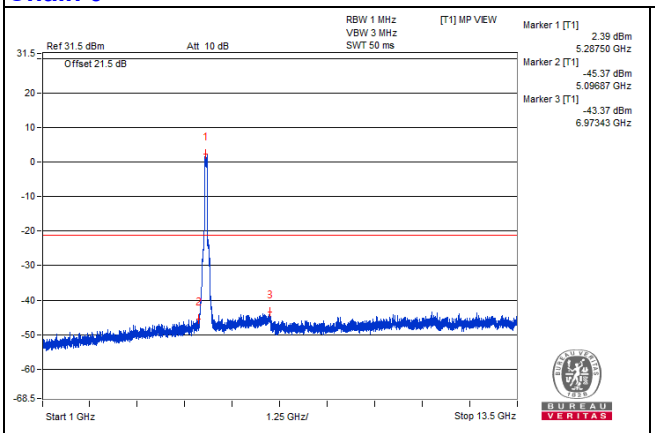
Channel 58

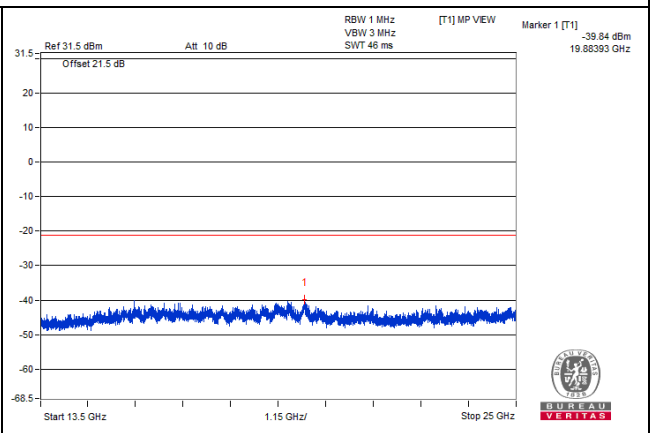
Conducted spurious emission table

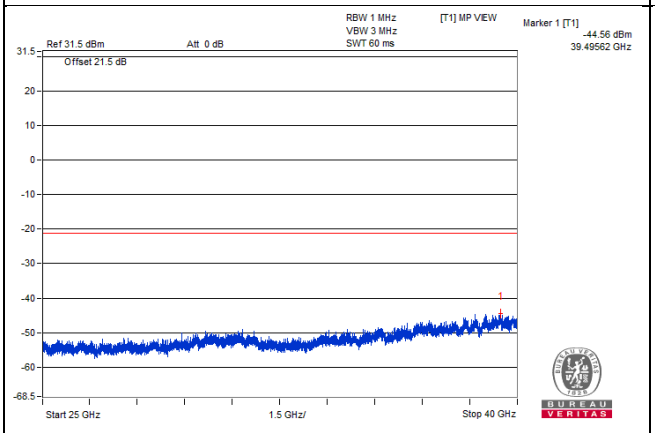
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1084.37 PK	54.96	74	-19.04	-51.41	-51.56	8.17	-40.3
2	1093.75 AV	42.82	54	-11.18	-63.59	-63.65	8.17	-52.44
3	7053.12 PK	59.85	68.2	-8.35	-46.85	-46.34	8.17	-35.41
4	10571.87 PK	60.34	68.2	-7.86	-45.52	-46.78	8.17	-34.92
5	15861.81 PK	63.86	74	-10.14	-42.92	-42.26	8.17	-31.4
6	15877.62 AV	42.76	54	-11.24	-63.85	-63.51	8.17	-52.5

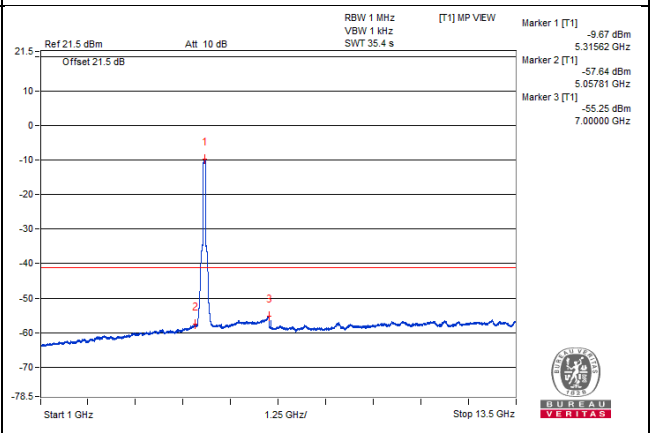
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

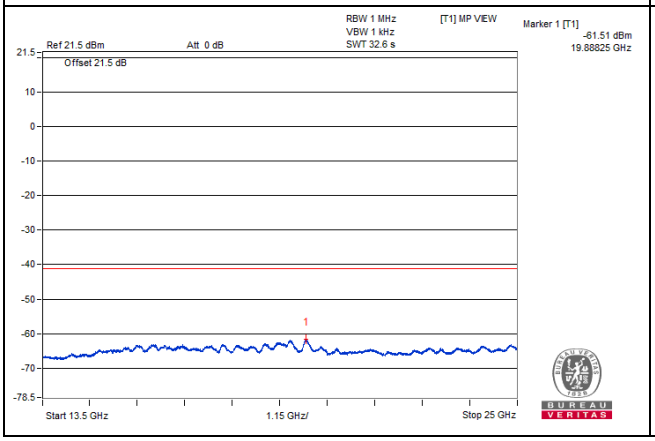
Chain 0

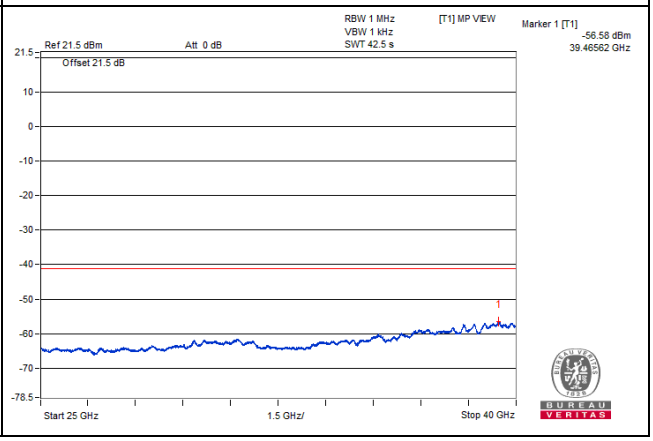

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
2.39 dBm
5.28750 GHz
Marker 2 [T1]
-45.37 dBm
5.09687 GHz
Marker 3 [T1]
-43.37 dBm
6.97343 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.84 dBm
19.88393 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

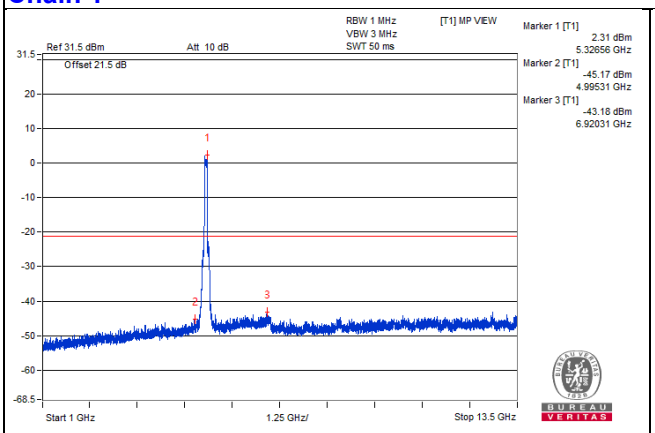

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.56 dBm
39.49562 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

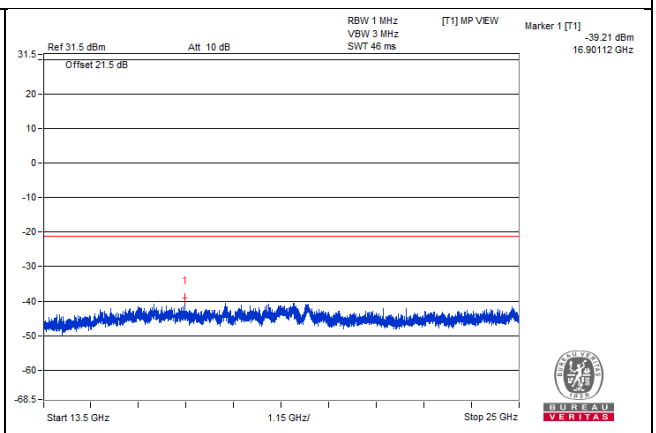

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-9.67 dBm
5.31562 GHz
Marker 2 [T1]
-57.64 dBm
5.05781 GHz
Marker 3 [T1]
-55.25 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

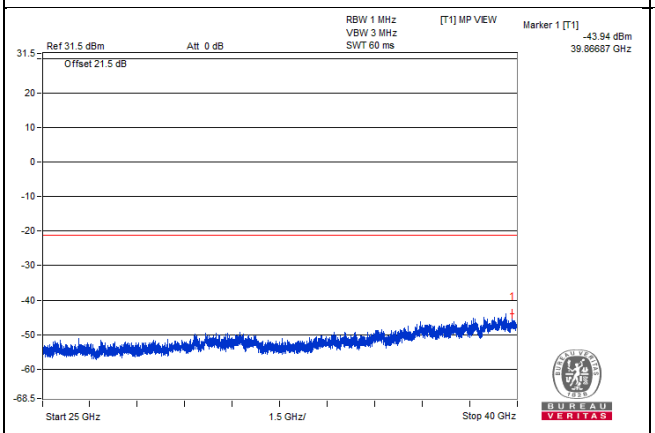

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.51 dBm
19.88825 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

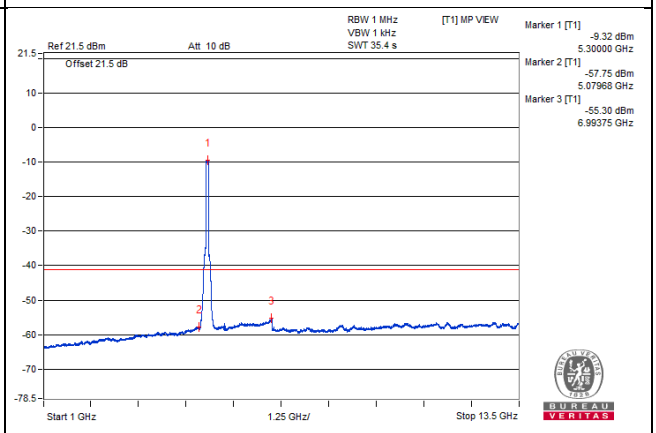

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.58 dBm
39.46562 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

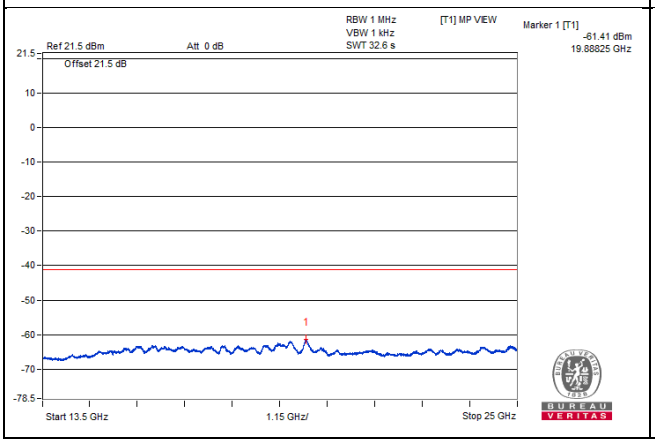
Chain 1

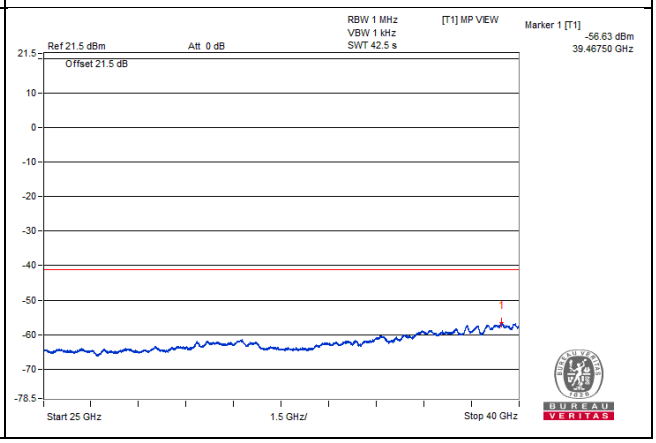

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
2.31 dBm
5.32656 GHz
Marker 2 [T1]
-45.17 dBm
4.99531 GHz
Marker 3 [T1]
-43.18 dBm
6.92031 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.21 dBm
16.90112 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-43.94 dBm
39.86687 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-9.32 dBm
5.30000 GHz
Marker 2 [T1]
-57.75 dBm
5.07968 GHz
Marker 3 [T1]
-55.30 dBm
6.99375 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.41 dBm
19.88825 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

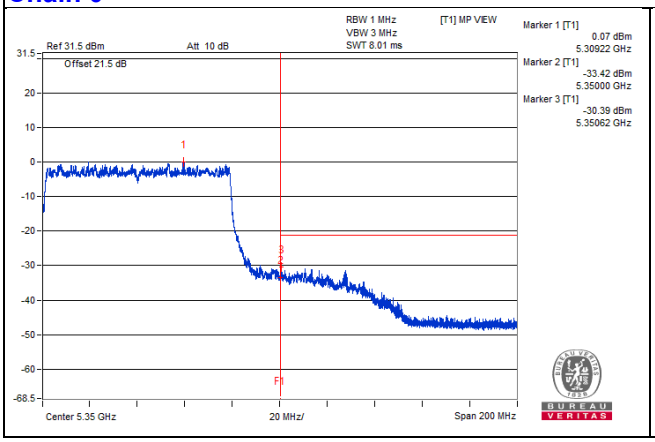

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.63 dBm
39.46750 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

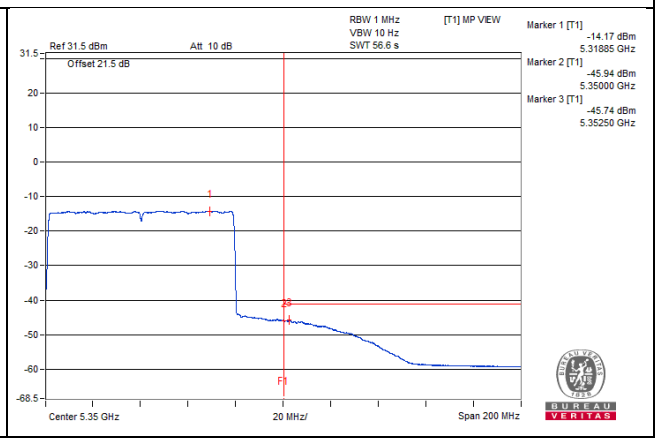
Bandedge table

No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5360.7 PK	72.56	74	-1.44	-31.09	-33.52	6.43	-22.7
2	5352.5 AV	57.79	54	*3.79	-45.74	-48.52	6.43	-37.47

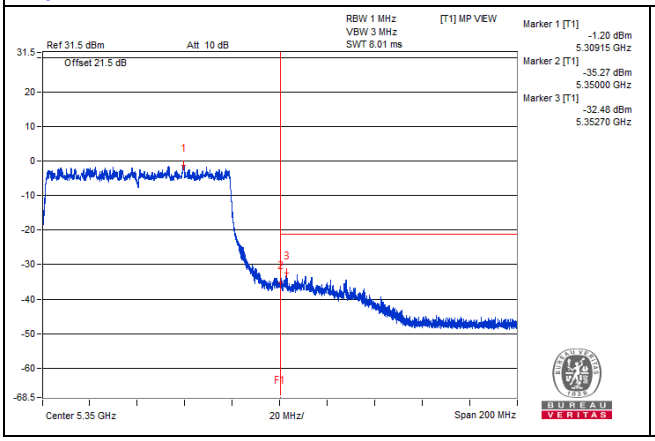
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
* The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

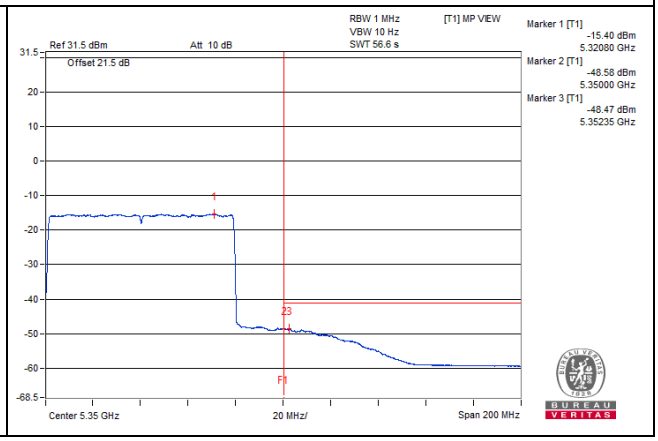
Chain 0





Chain 1





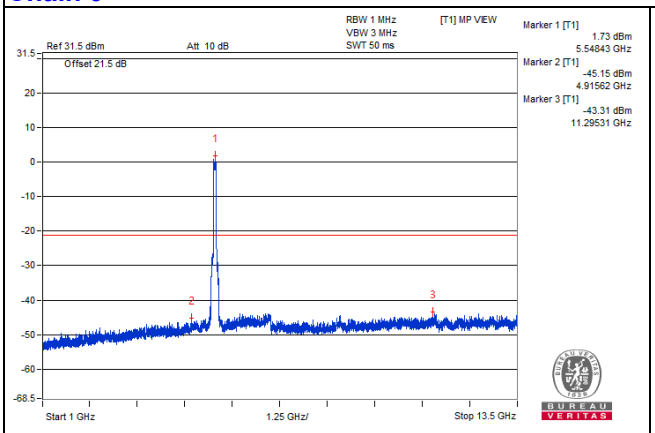
Channel 106

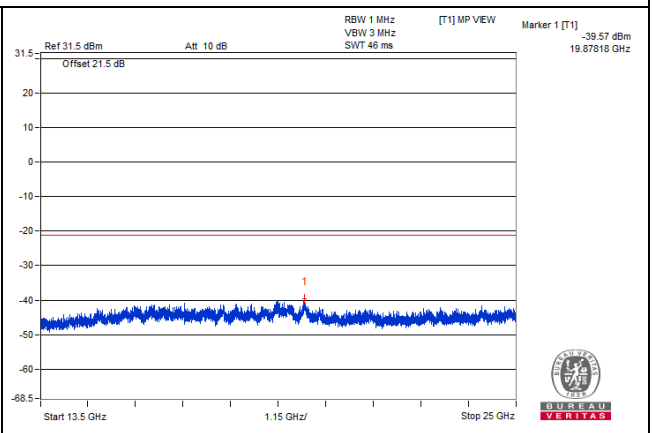
Conducted spurious emission table

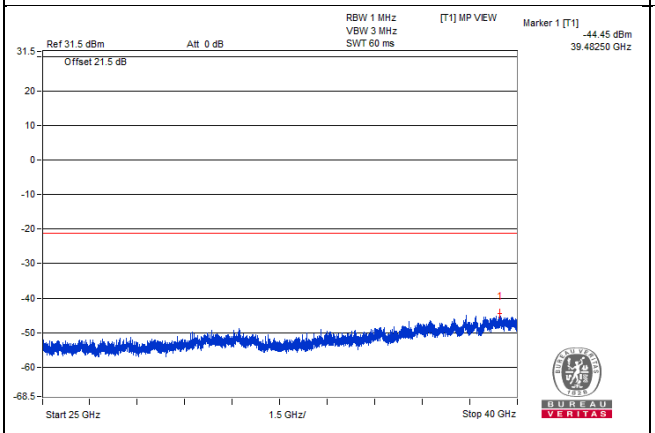
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1332.81 PK	54.62	74	-19.38	-53.2	-50.78	8.17	-40.64
2	1332.81 AV	43.48	54	-10.52	-63.02	-62.91	8.17	-51.78
3	7376.56 PK	59.24	74	-14.76	-47.5	-46.92	8.17	-36.02
4	7370.31 AV	47.82	54	-6.18	-58.65	-58.59	8.17	-47.44
5	11050 PK	60.92	74	-13.08	-46.57	-44.68	8.17	-34.34
6	11051.56 AV	49.04	54	-4.96	-57.68	-57.14	8.17	-46.22
7	16582 PK	64.03	68.2	-4.17	-44.29	-41.1	8.17	-31.23

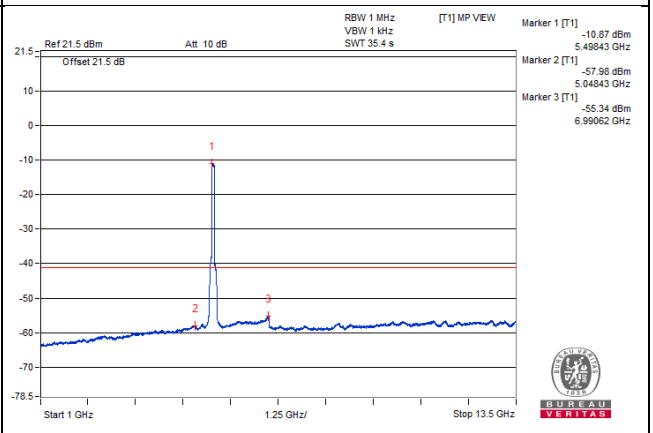
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

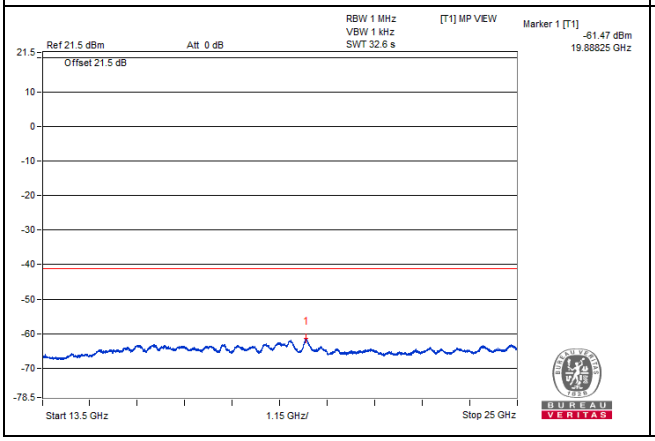
Chain 0

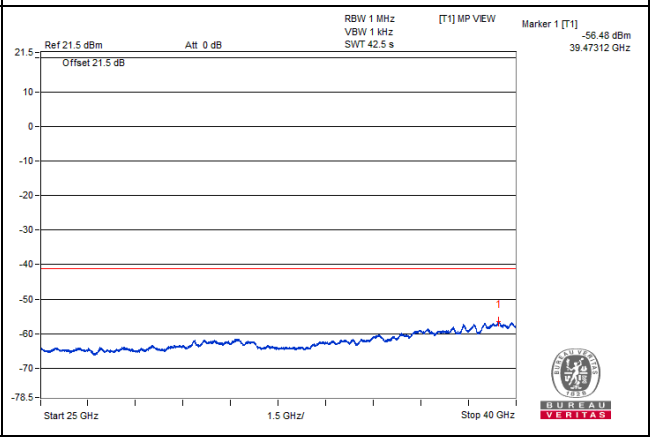

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
1.73 dBm
5.54843 GHz
Marker 2 [T1]
-45.15 dBm
4.91562 GHz
Marker 3 [T1]
-43.31 dBm
11.29531 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.57 dBm
19.87818 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

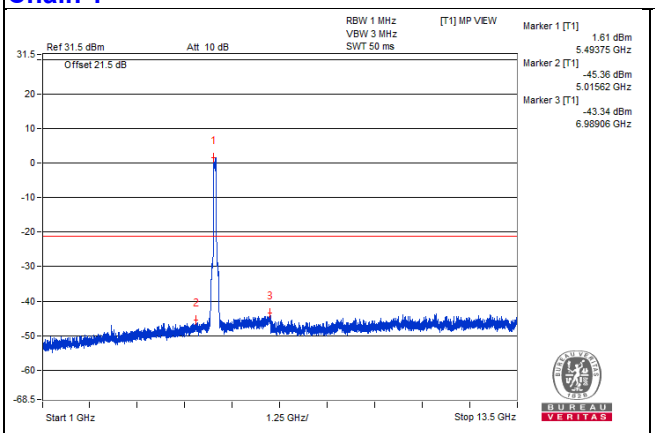

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.45 dBm
39.48250 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

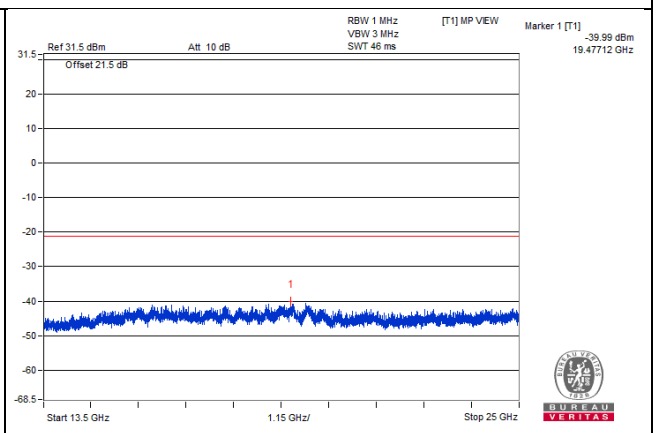

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-10.87 dBm
5.49843 GHz
Marker 2 [T1]
-57.98 dBm
5.04843 GHz
Marker 3 [T1]
-55.34 dBm
6.99062 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

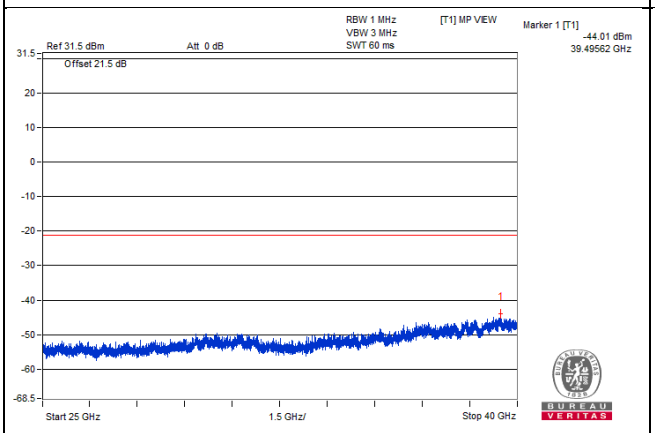

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.47 dBm
19.88825 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

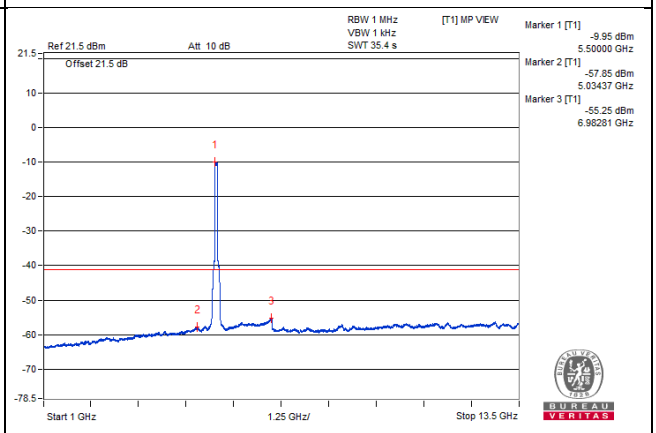

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.48 dBm
39.47312 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

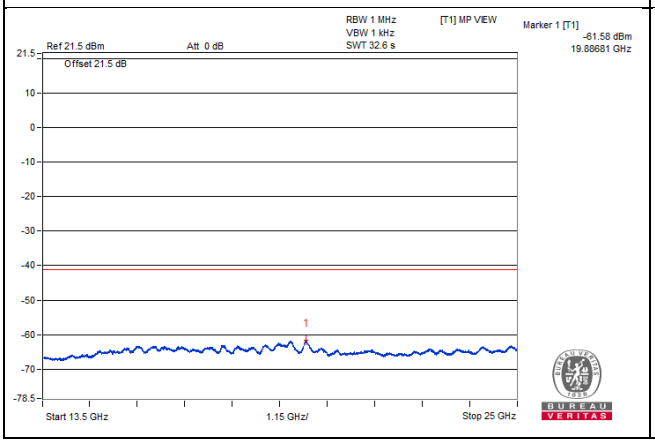
Chain 1

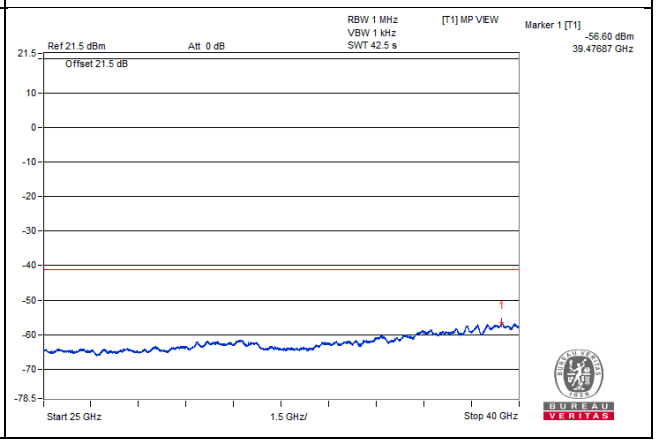

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
1.61 dBm
5.49375 GHz
Marker 2 [T1]
-45.36 dBm
5.01562 GHz
Marker 3 [T1]
-43.34 dBm
6.98906 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.99 dBm
19.47712 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.01 dBm
39.49562 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-9.95 dBm
5.50000 GHz
Marker 2 [T1]
-57.85 dBm
5.03437 GHz
Marker 3 [T1]
-55.25 dBm
6.98281 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.58 dBm
19.88681 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

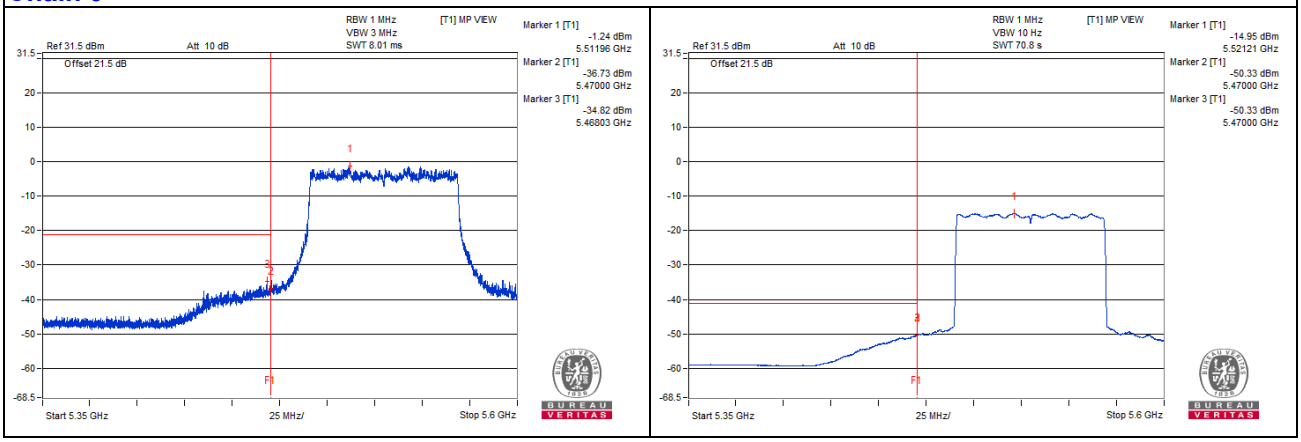

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.60 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

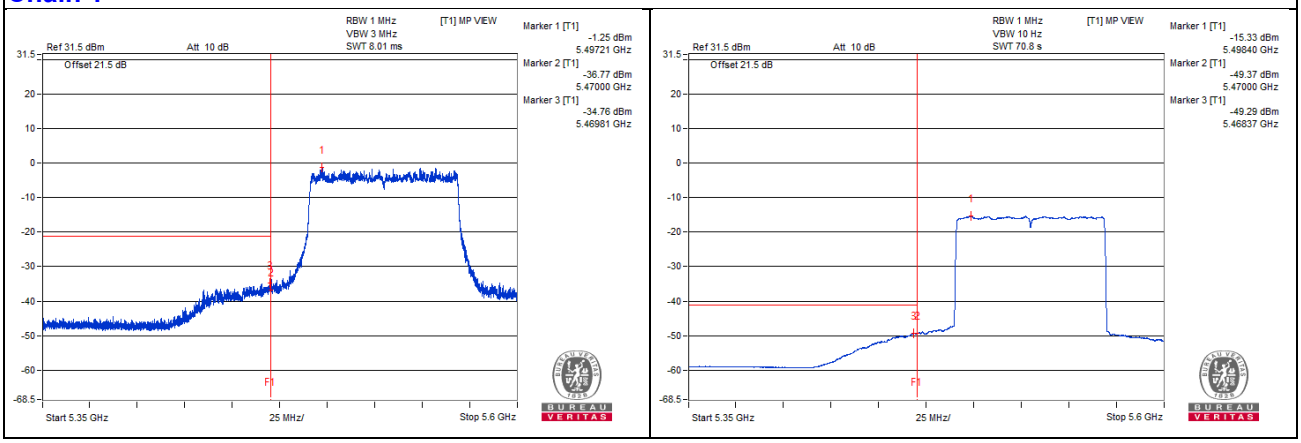
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5458.93 PK	69.31	74	-4.69	-38.32	-35.64	7.82	-25.95
2	5460 AV	55.16	54	*1.16	-51.47	-50.45	7.82	-40.1
3	5469.87 PK	70.57	68.2	*2.37	-36.02	-35.07	7.82	-24.69

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
* The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0



Chain 1



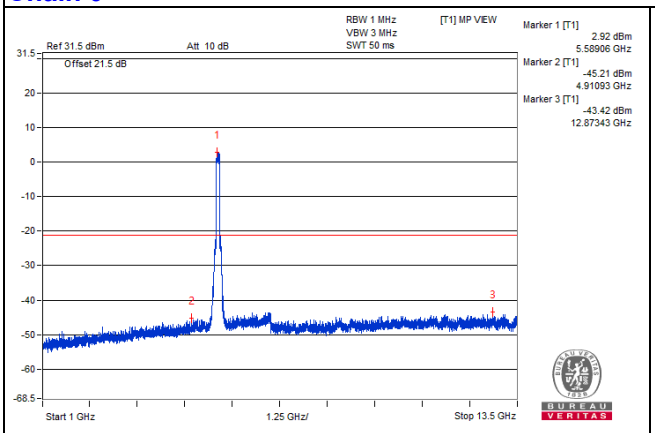
Channel 122

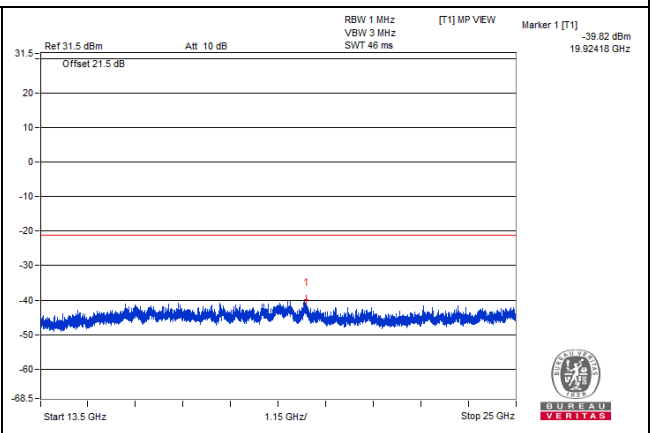
Conducted spurious emission table

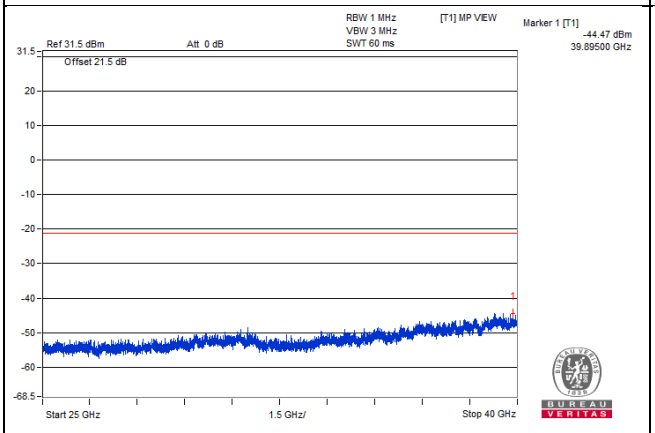
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1404.68 PK	54.64	74	-19.36	-53.17	-50.76	8.17	-40.62
2	1404.68 AV	43.3	54	-10.7	-63.15	-63.14	8.17	-51.96
3	7475 PK	59.61	74	-14.39	-46.01	-47.85	8.17	-35.65
4	7478.12 AV	47.63	54	-6.37	-58.89	-58.73	8.17	-47.63
5	11217.18 PK	60.96	74	-13.04	-46.84	-44.44	8.17	-34.3
6	11225 AV	49.21	54	-4.79	-57.33	-57.13	8.17	-46.05
7	16830.68 PK	63.86	68.2	-4.34	-42.99	-42.21	8.17	-31.4

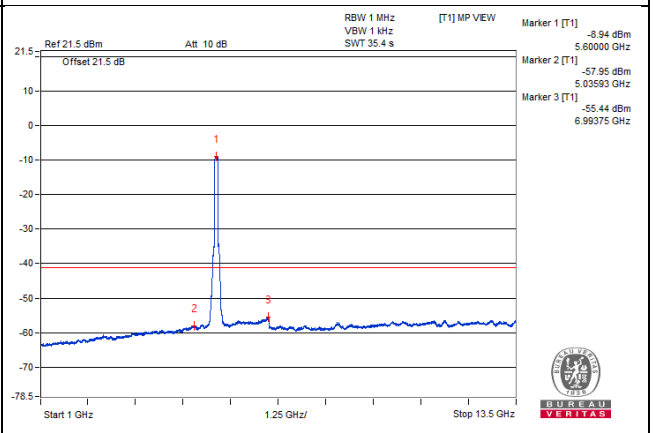
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

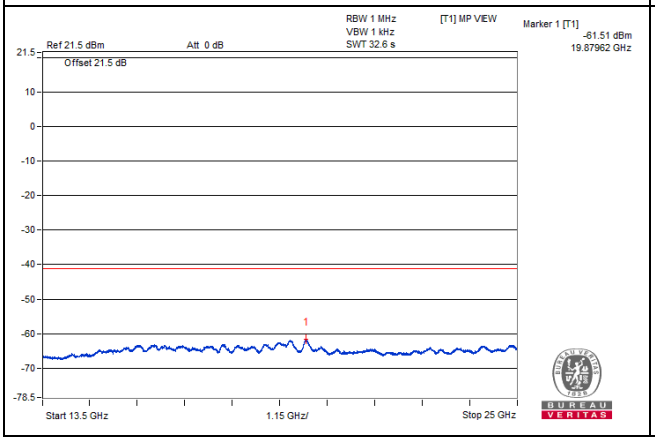
Chain 0

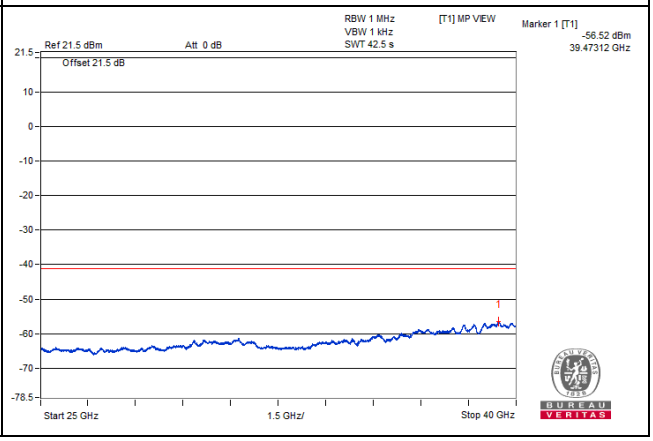

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
2.92 dBm
5.58906 GHz
Marker 2 [T1]
-45.21 dBm
4.91093 GHz
Marker 3 [T1]
-43.42 dBm
12.87343 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.82 dBm
19.92418 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

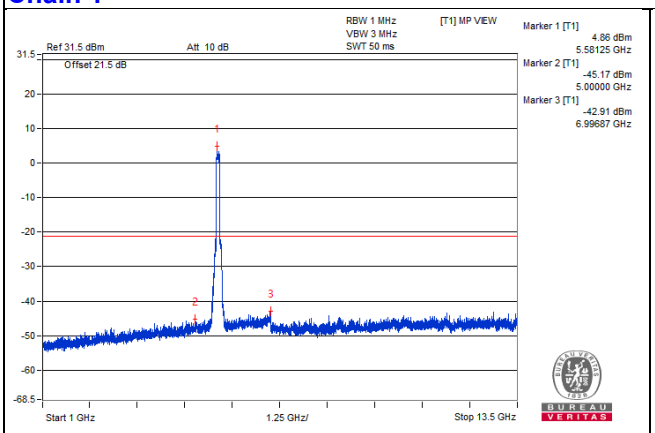

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.47 dBm
39.89500 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

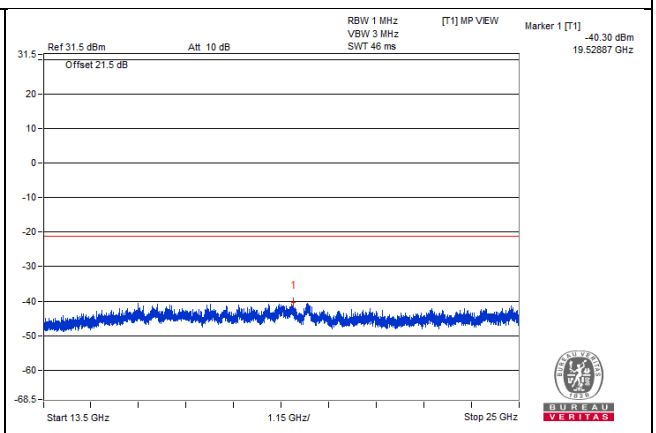

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-8.94 dBm
5.60000 GHz
Marker 2 [T1]
-57.95 dBm
5.03593 GHz
Marker 3 [T1]
-55.44 dBm
6.99375 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

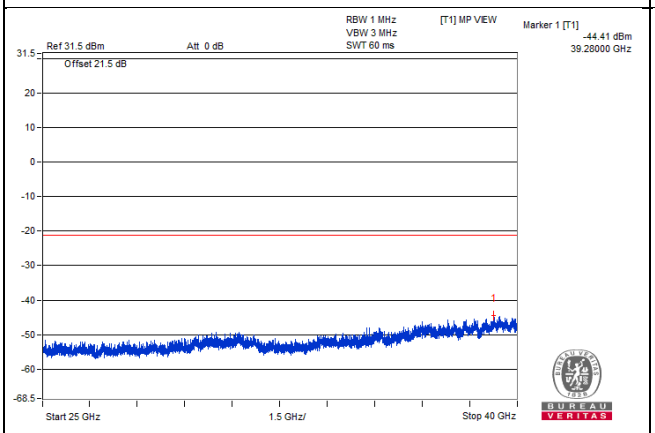

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.51 dBm
19.87962 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

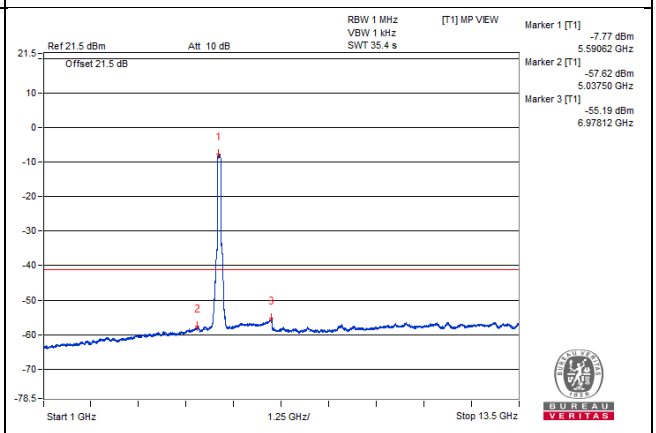

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.52 dBm
39.47312 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

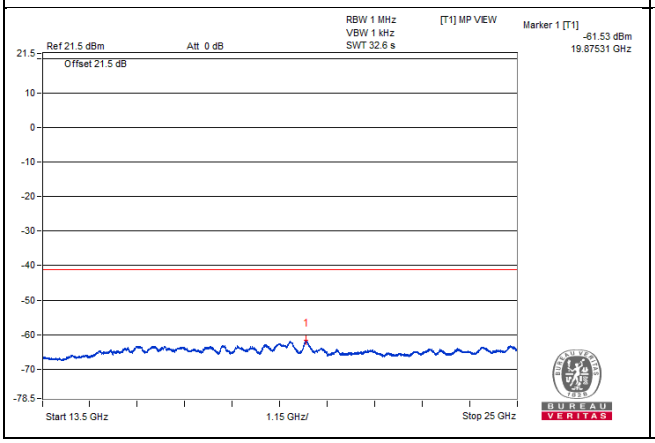
Chain 1

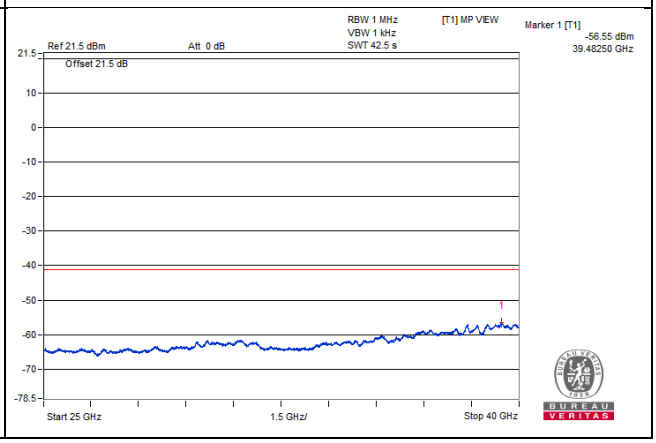

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
4.86 dBm
5.58125 GHz
Marker 2 [T1]
-45.17 dBm
5.00000 GHz
Marker 3 [T1]
-42.91 dBm
6.99687 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-40.30 dBm
19.52887 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-44.41 dBm
39.28000 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-7.77 dBm
5.59062 GHz
Marker 2 [T1]
-57.62 dBm
5.03750 GHz
Marker 3 [T1]
-55.19 dBm
6.97812 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.53 dBm
19.87531 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.55 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

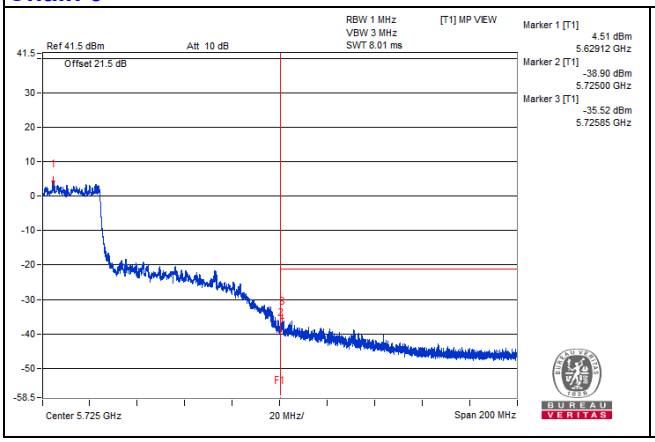
Bandedge table

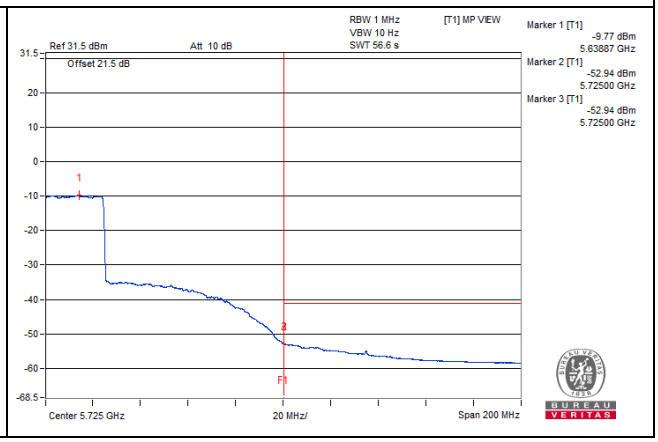
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5455 PK	67.36	74	-6.64	-38.38	-39.12	7.82	-27.9
2	5459.96 AV	52.04	54	-1.96	-54.07	-54.04	7.82	-43.22
3	5463.96 PK	72.13	68.2	*3.93	-33.28	-34.52	7.82	-23.13

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

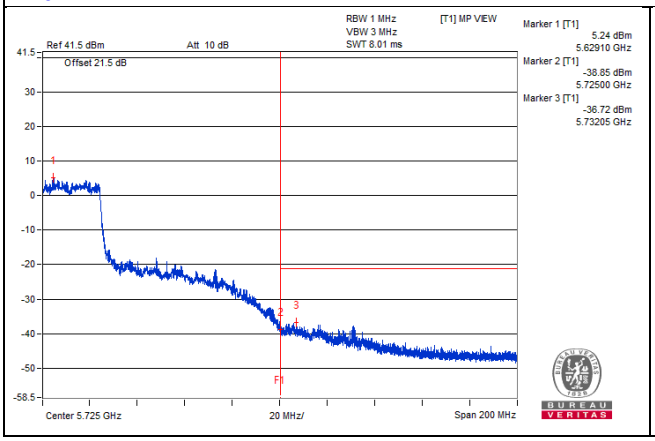
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

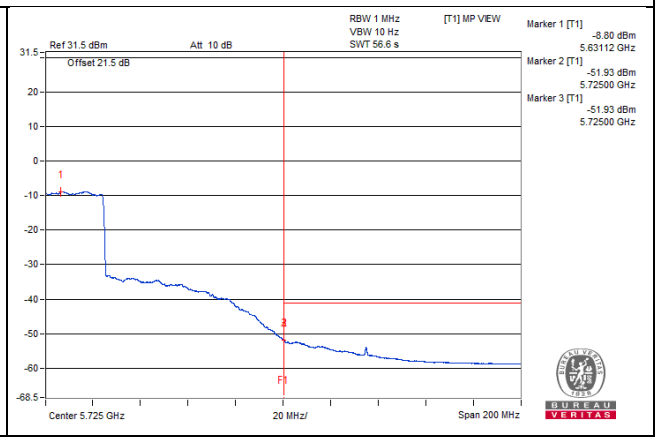
Chain 0





Chain 1





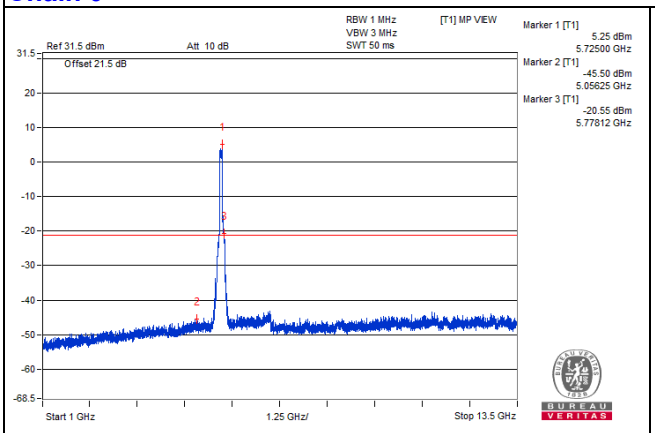
Channel 138

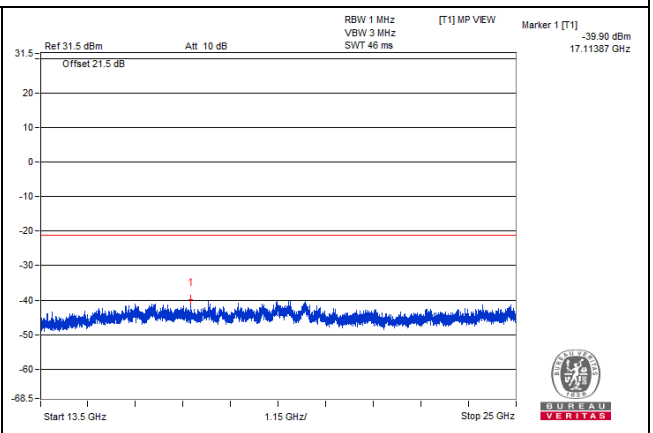
Conducted spurious emission table

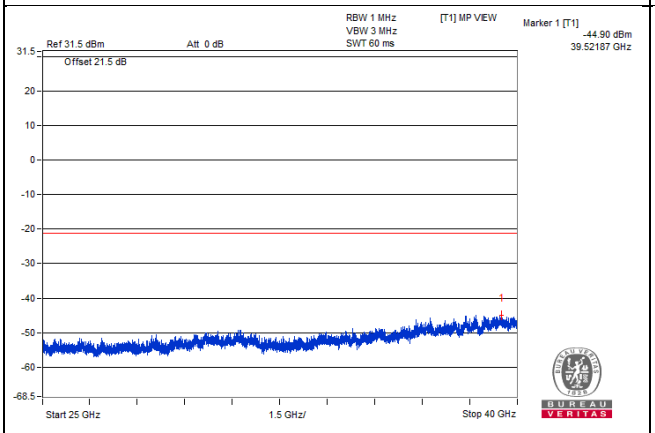
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1490.62 PK	54.93	74	-19.07	-51.42	-51.61	8.17	-40.33
2	1493.75 AV	43.68	54	-10.32	-62.9	-62.63	8.17	-51.58
3	7581.25 PK	59.94	74	-14.06	-48.36	-45.2	8.17	-35.32
4	7578.12 AV	48.04	54	-5.96	-58.2	-58.62	8.17	-47.22
5	11387.5 PK	60.66	74	-13.34	-46.86	-44.92	8.17	-34.6
6	11371.87 AV	49.46	54	-4.54	-56.98	-56.99	8.17	-45.8
7	17060.68 PK	62.5	68.2	-5.7	-44.27	-43.64	8.17	-32.76

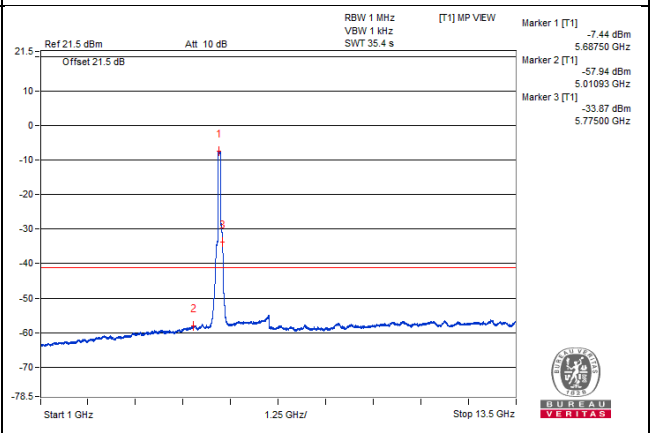
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

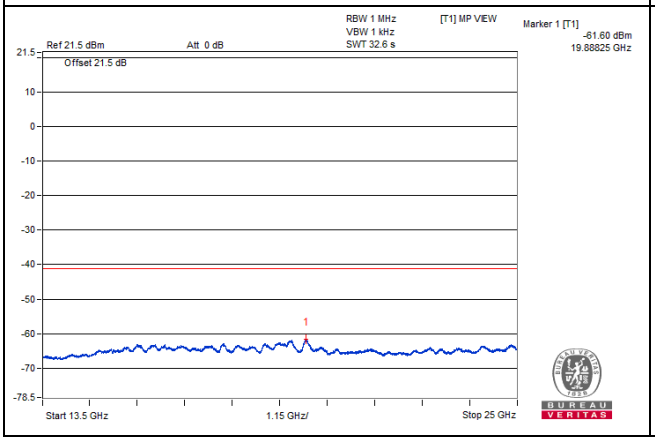
Chain 0

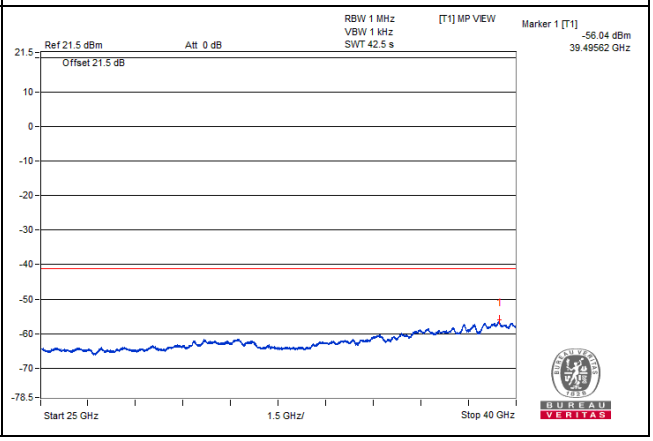

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
5.25 dBm
5.72500 GHz
Marker 2 [T1]
-45.50 dBm
5.05625 GHz
Marker 3 [T1]
-20.55 dBm
5.77812 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.90 dBm
17.11387 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

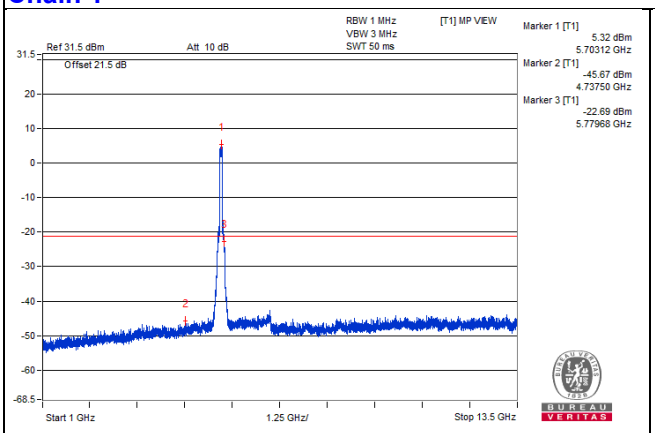

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.90 dBm
39.52187 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

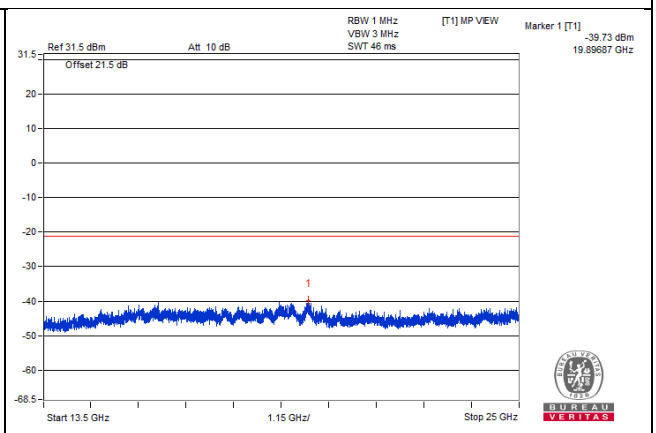

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-7.44 dBm
5.68750 GHz
Marker 2 [T1]
-57.94 dBm
5.01093 GHz
Marker 3 [T1]
-33.87 dBm
5.77500 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

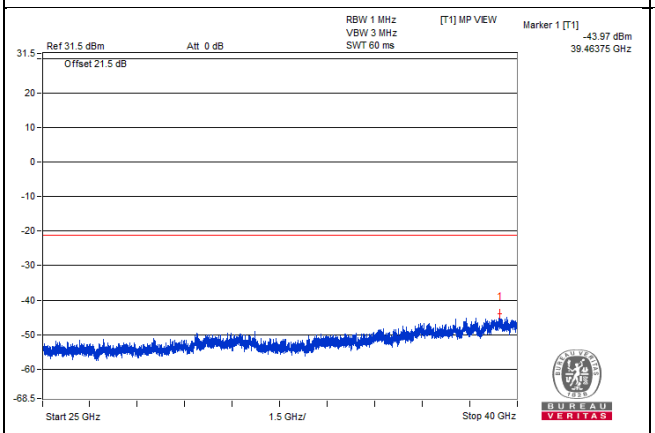

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.60 dBm
19.88825 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

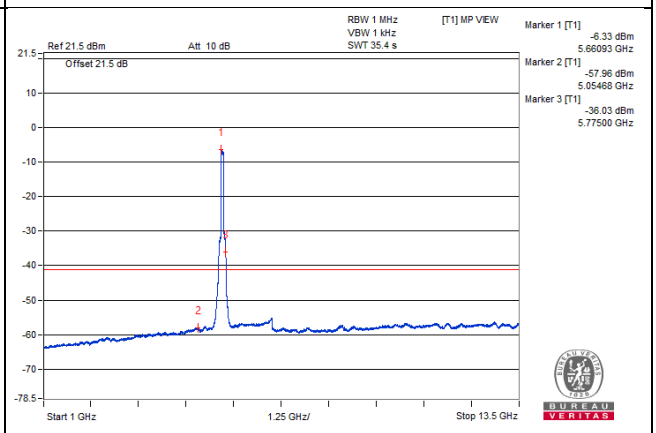

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.04 dBm
39.49562 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

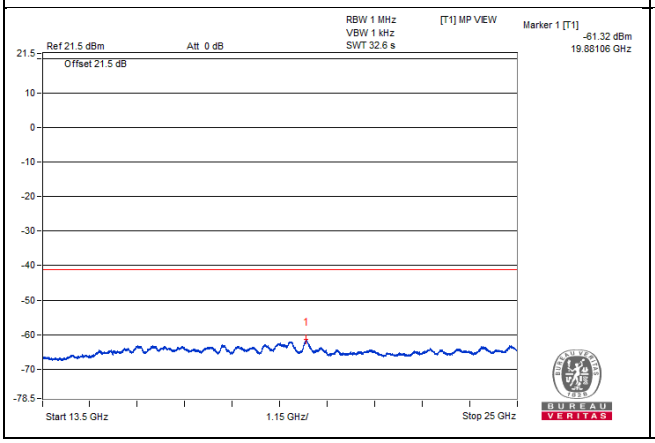
Chain 1

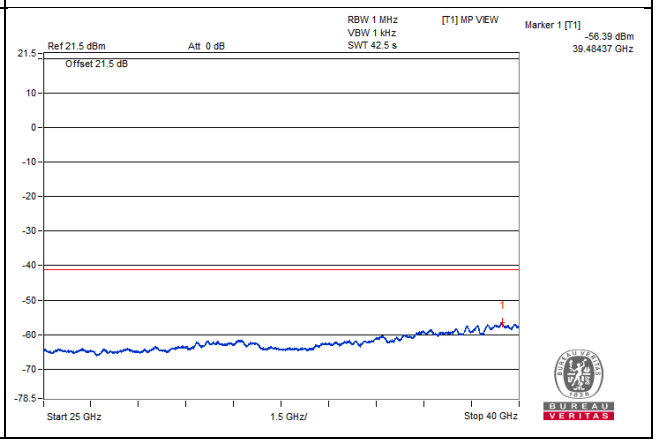

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
5.32 dBm
5.70312 GHz
Marker 2 [T1]
-45.67 dBm
4.73750 GHz
Marker 3 [T1]
-22.69 dBm
5.77968 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-39.73 dBm
19.89687 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-43.97 dBm
39.46375 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-6.33 dBm
5.66093 GHz
Marker 2 [T1]
-57.96 dBm
5.05468 GHz
Marker 3 [T1]
-36.03 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-61.32 dBm
19.88106 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Marker 1 [T1]
-56.39 dBm
39.48437 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

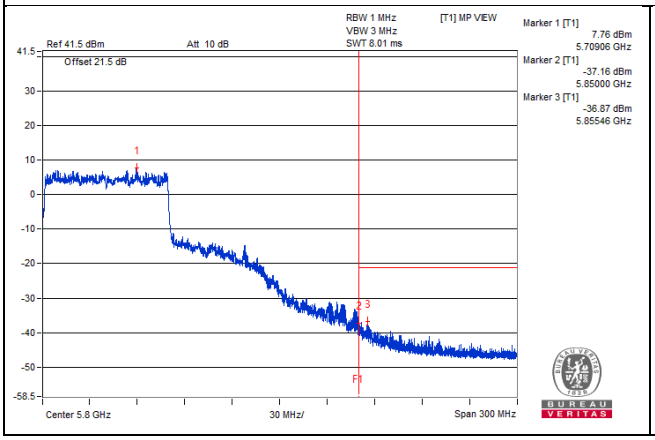
Bandedge table

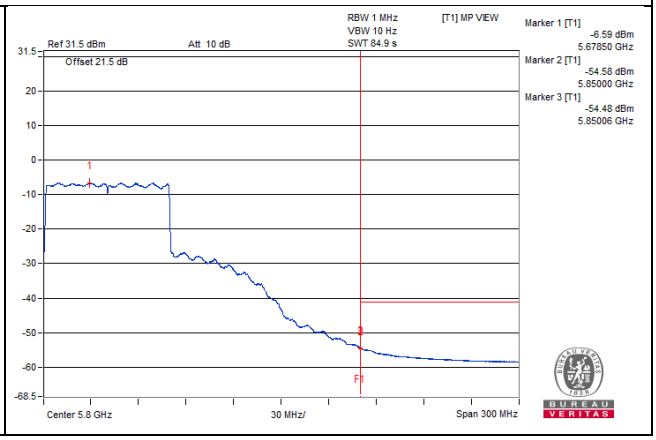
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5850.02 PK	68.71	68.2	*0.51	-37.34	-37.43	7.82	-26.55

Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

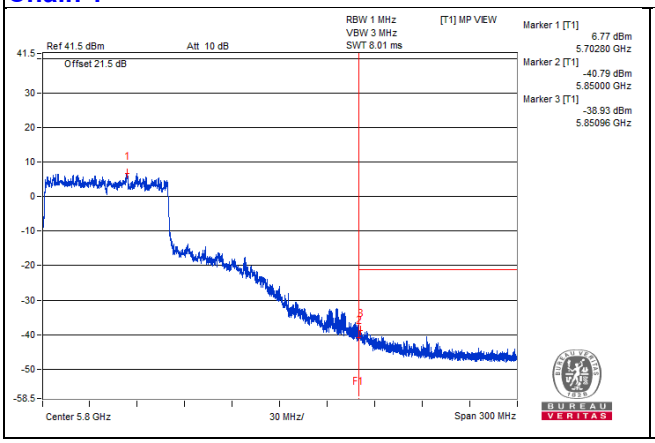
* The unwanted emission was verified and the test result was passed by radiated measurement. (Please refer APPENDIX B)

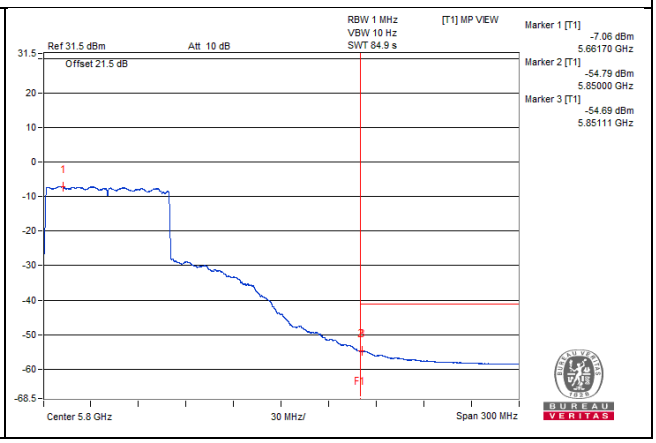
Chain 0





Chain 1





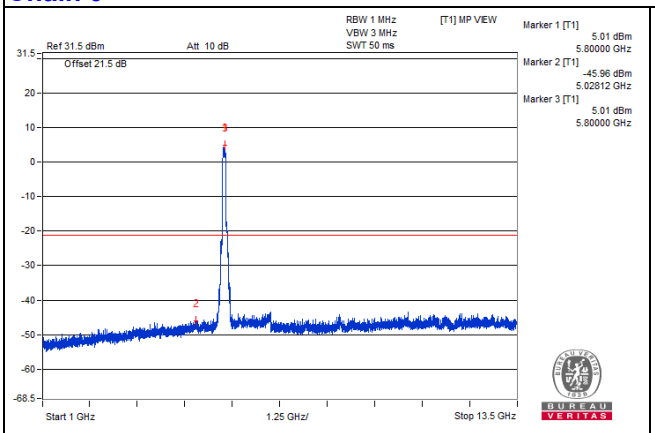
Channel 155

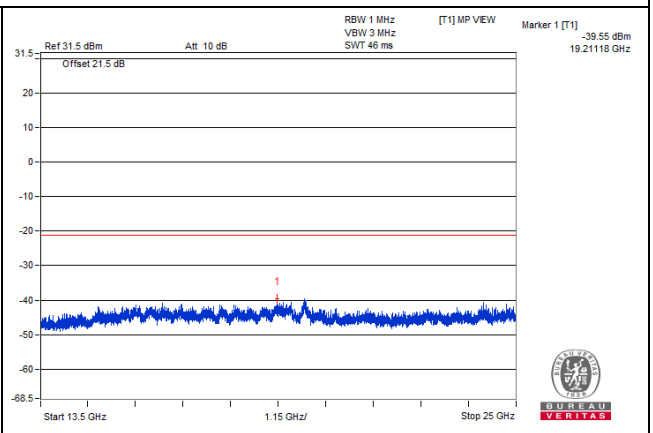
Conducted spurious emission table

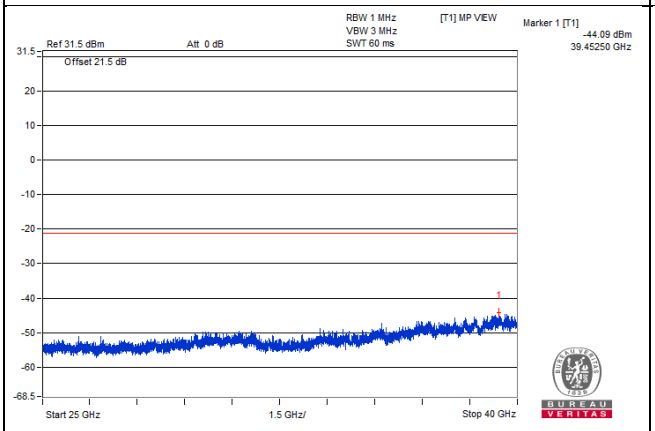
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1562.5 PK	55.26	74	-18.74	-52.03	-50.47	8.17	-40
2	1578.12 AV	43.58	54	-10.42	-62.73	-63	8.17	-51.68
3	7701.56 PK	59.06	74	-14.94	-45.91	-49.63	8.17	-36.2
4	7692.18 AV	47.26	54	-6.74	-59.16	-59.21	8.17	-48
5	11554.68 PK	60.09	74	-13.91	-46.42	-46.28	8.17	-35.17
6	11559.37 AV	48.92	54	-5.08	-57.48	-57.56	8.17	-46.34
7	17325.18 PK	61.99	68.2	-6.21	-45.42	-43.66	8.17	-33.27

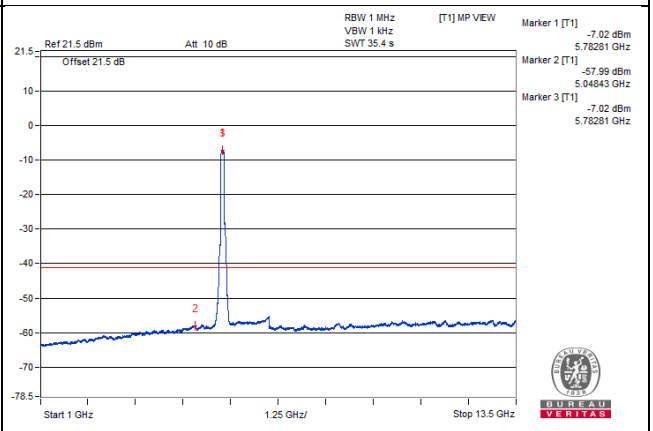
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

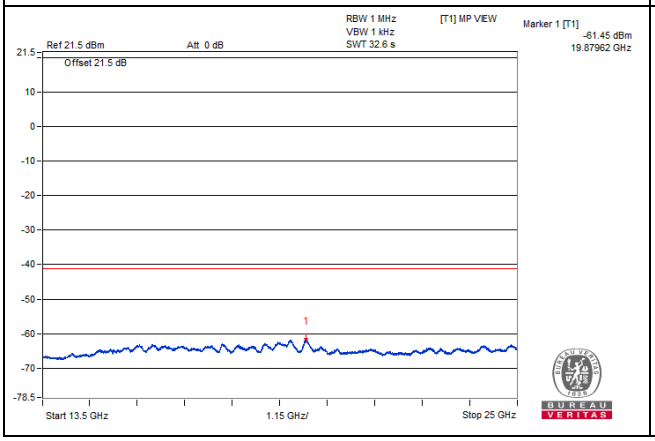
Chain 0

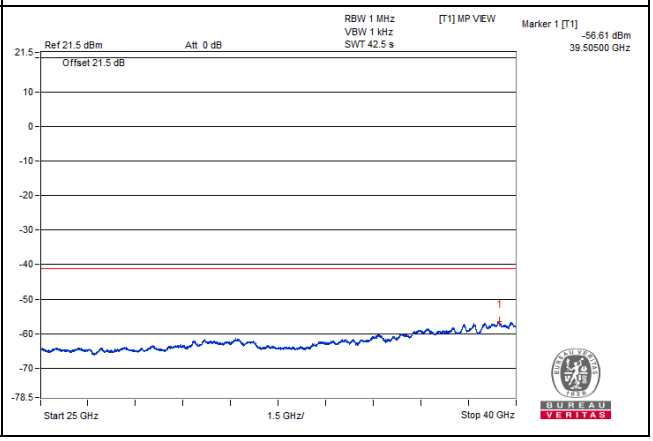

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
5.01 dBm
5.80000 GHz
Marker 2 [T1]
-45.96 dBm
5.02812 GHz
Marker 3 [T1]
5.01 dBm
5.80000 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-39.55 dBm
19.21118 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

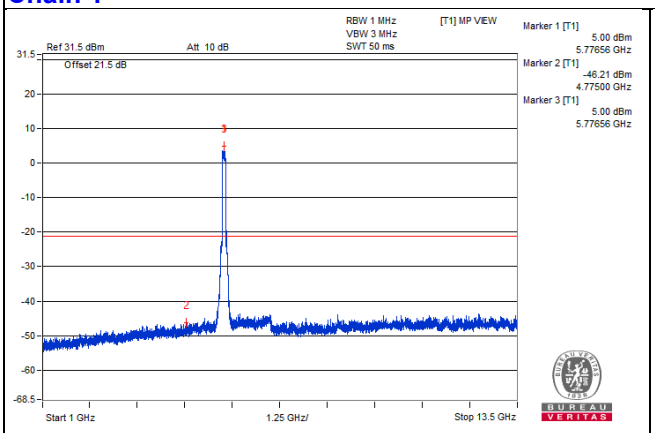

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.09 dBm
39.45250 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

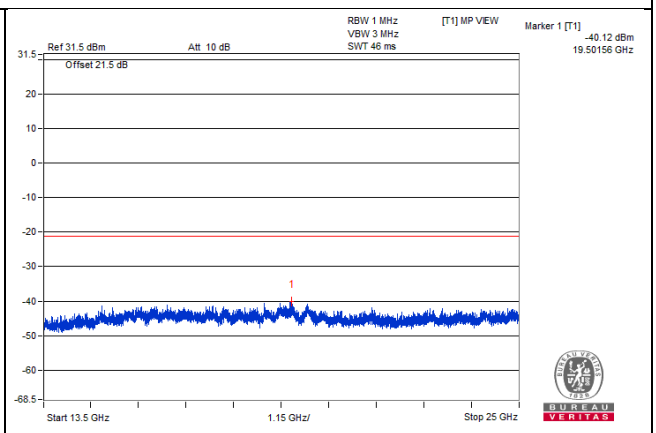

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-7.02 dBm
5.78281 GHz
Marker 2 [T1]
-57.99 dBm
5.04843 GHz
Marker 3 [T1]
-7.02 dBm
5.78281 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

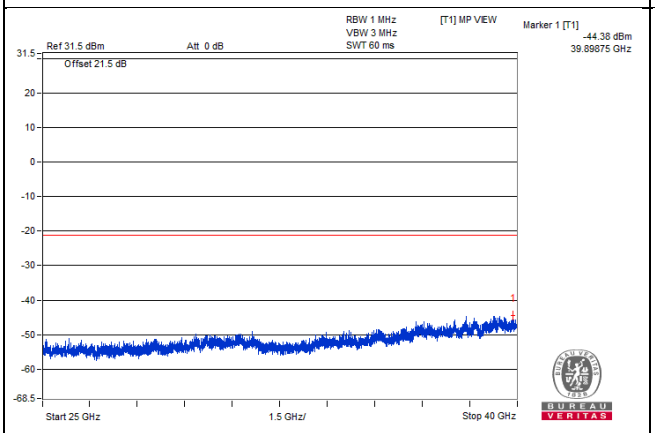

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.45 dBm
19.87962 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

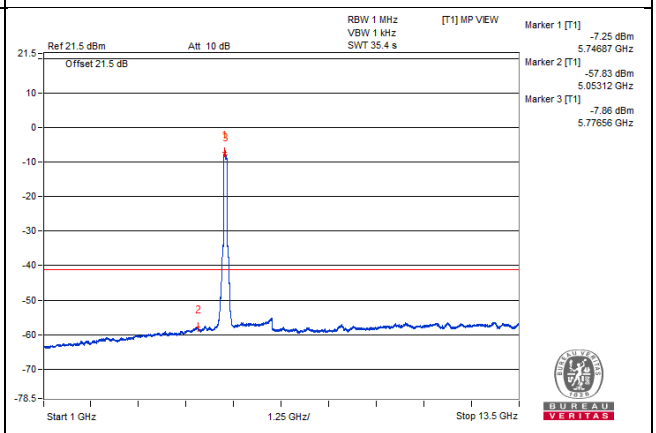

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.61 dBm
39.50500 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

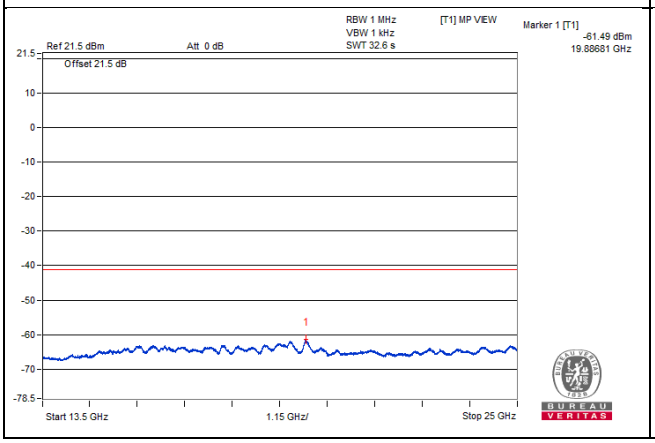
Chain 1

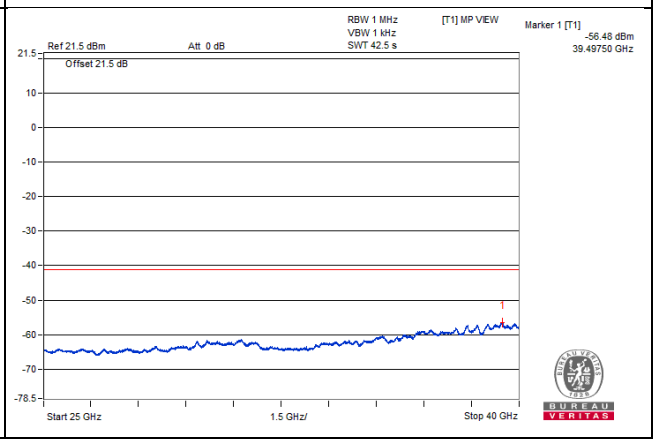

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Marker 1 [T1]
5.00 dBm
5.77656 GHz
Marker 2 [T1]
-46.21 dBm
4.77500 GHz
Marker 3 [T1]
5.00 dBm
5.77656 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Marker 1 [T1]
-40.12 dBm
19.50156 GHz
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Marker 1 [T1]
-44.38 dBm
39.89875 GHz
Ref 31.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

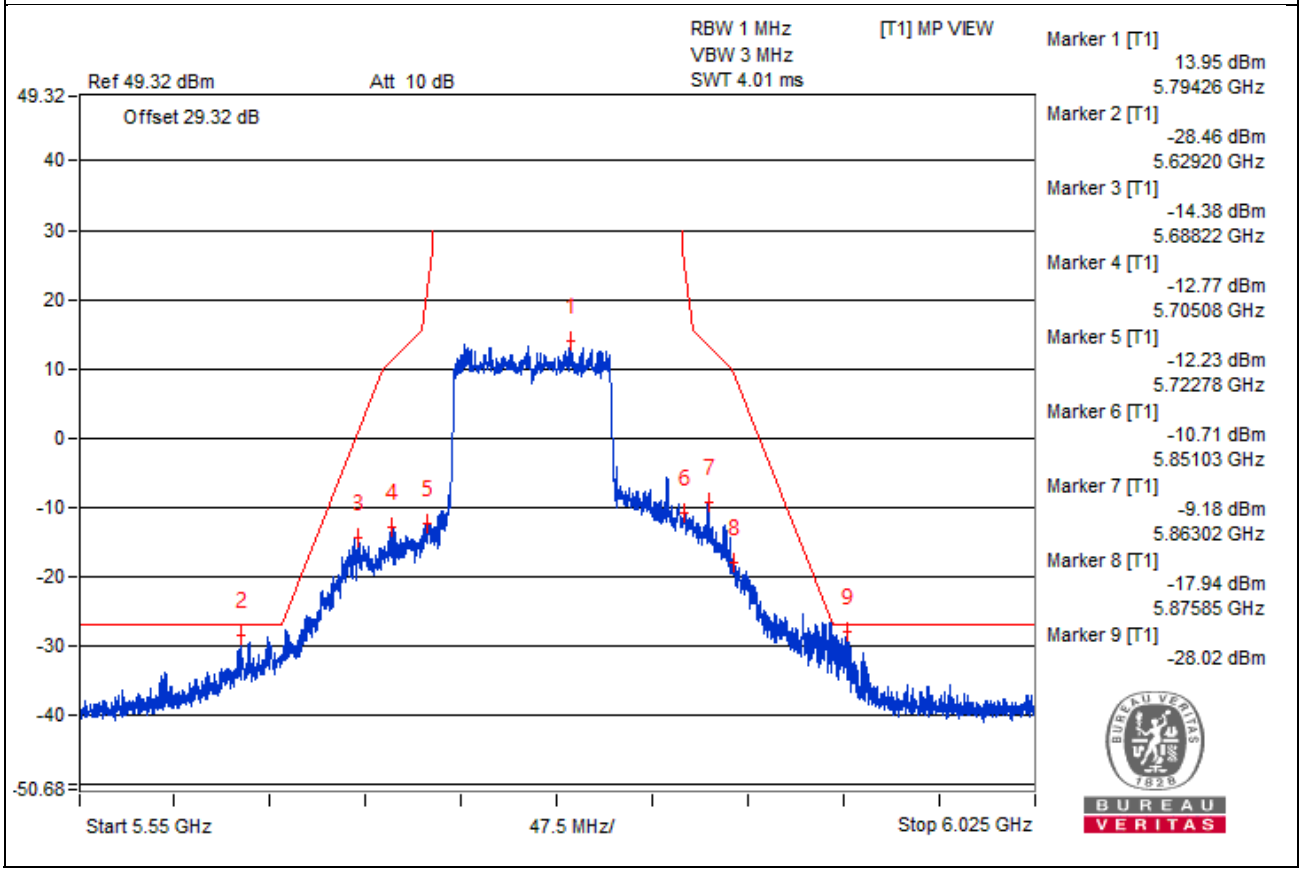

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Marker 1 [T1]
-7.25 dBm
5.74687 GHz
Marker 2 [T1]
-57.83 dBm
5.05312 GHz
Marker 3 [T1]
-7.86 dBm
5.77656 GHz
Ref 21.5 dBm
Att 10 dB
Offset 21.5 dB
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Marker 1 [T1]
-61.49 dBm
19.88681 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

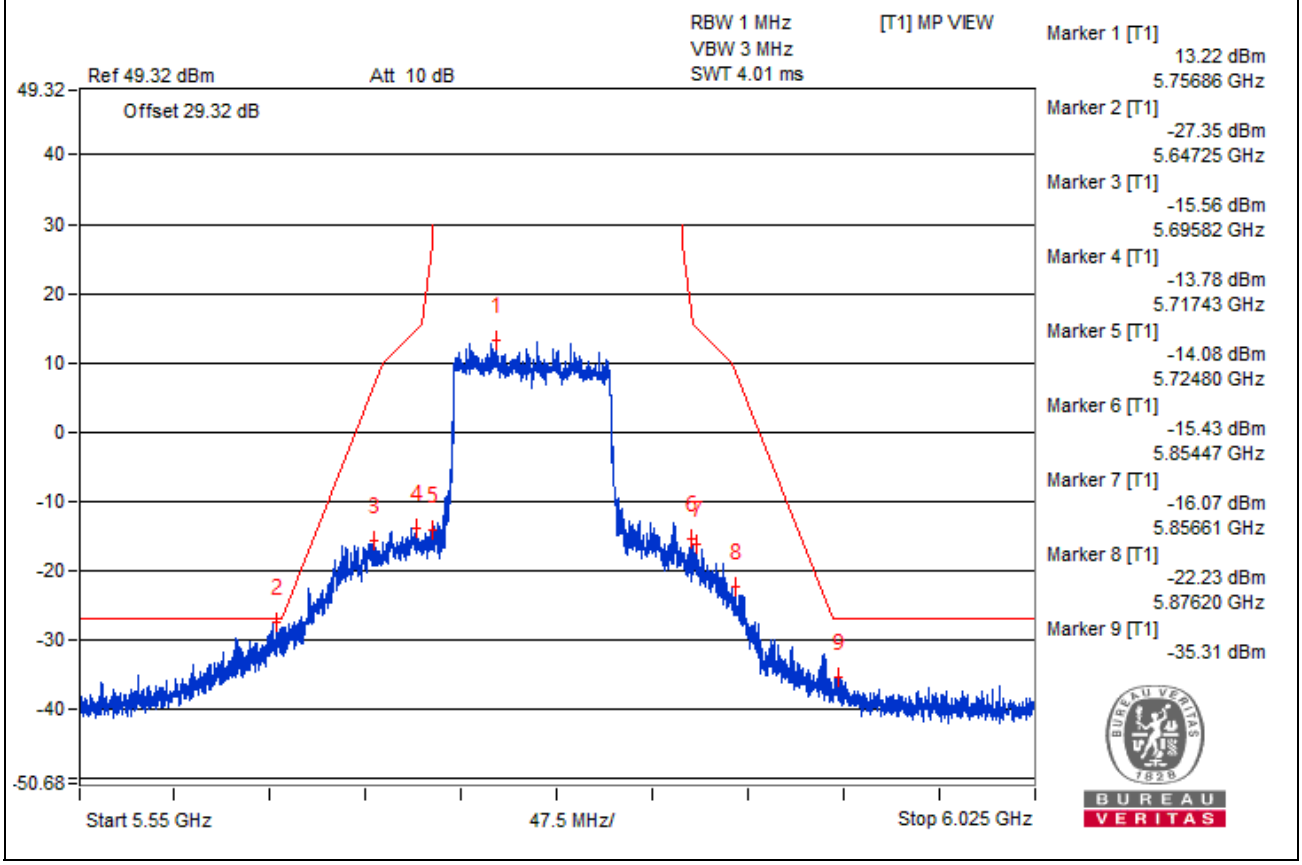

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Marker 1 [T1]
-56.48 dBm
39.49750 GHz
Ref 21.5 dBm
Att 0 dB
Offset 21.5 dB
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

Chain 0



Chain 1



160MHz Preamble

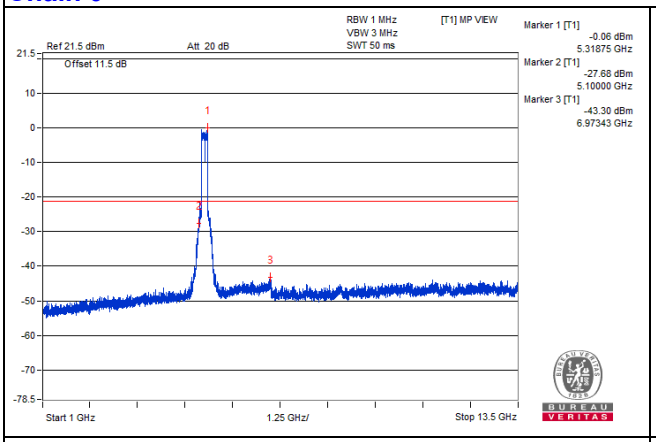
RU1992
Channel 50

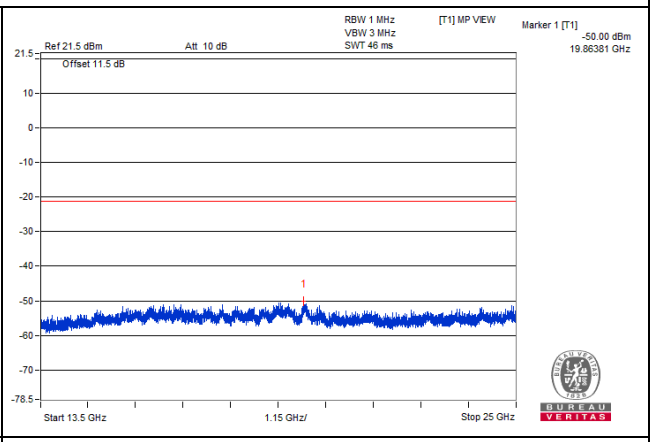
Conducted spurious emission table

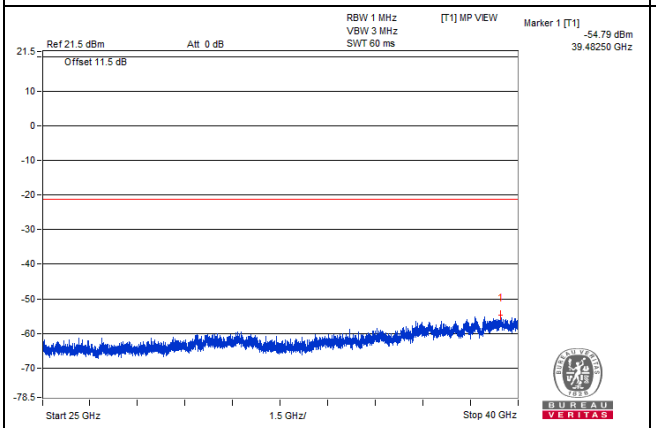
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1051.56 PK	54.6	74	-19.4	-51.52	-52.19	8.17	-40.66
2	1046.87 AV	36.17	54	-17.83	-69.99	-70.57	8.17	-59.09
3	6996.87 PK	62.38	68.2	-5.82	-43.93	-44.2	8.17	-32.88
4	10490.62 PK	60.4	68.2	-7.8	-45.2	-47.09	8.17	-34.86
5	15759.75 PK	53.31	74	-20.69	-54.02	-52.39	8.17	-41.95
6	15756.87 AV	42.79	54	-11.21	-63.68	-63.62	8.17	-52.47

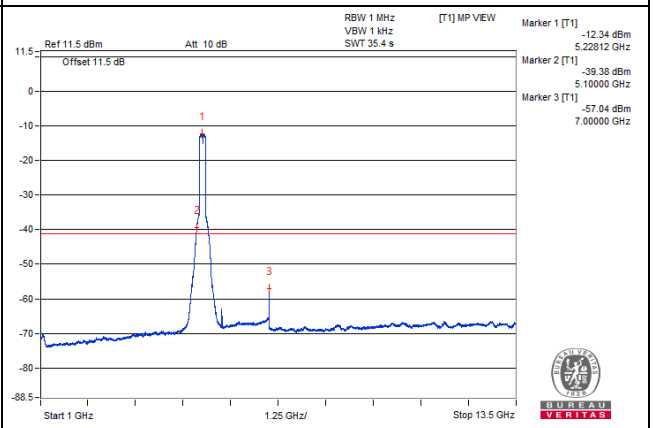
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

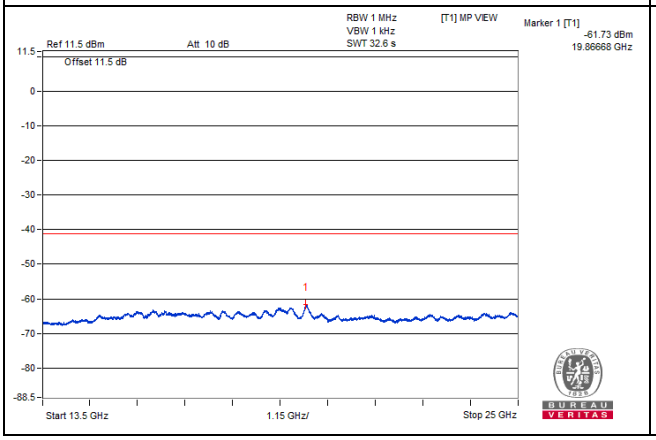
Chain 0

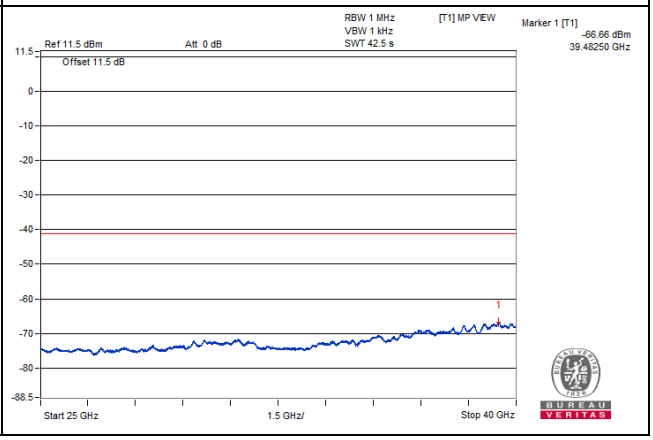

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 20 dB
Offset 11.5 dB
Marker 1 [T1]
-0.06 dBm
5.31875 GHz
Marker 2 [T1]
-27.68 dBm
5.10000 GHz
Marker 3 [T1]
-43.30 dBm
6.97343 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-50.00 dBm
19.86381 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

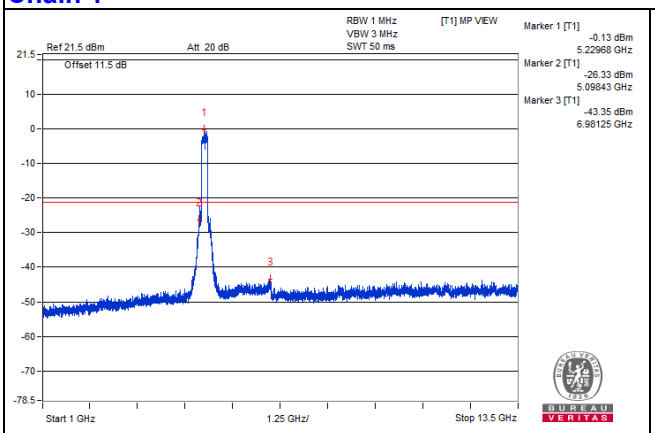

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-54.79 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

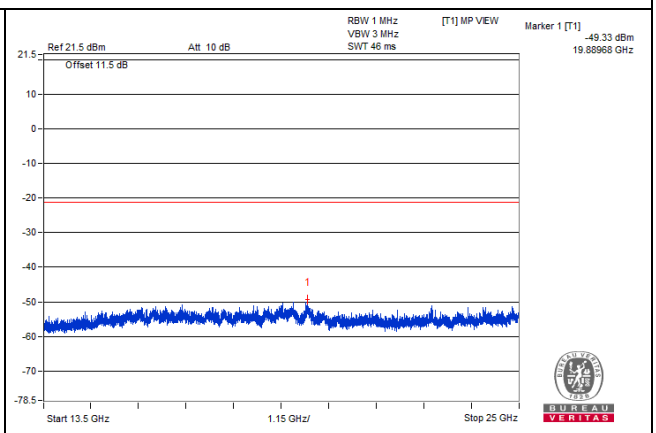

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-12.34 dBm
5.22812 GHz
Marker 2 [T1]
-39.38 dBm
5.10000 GHz
Marker 3 [T1]
-57.04 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

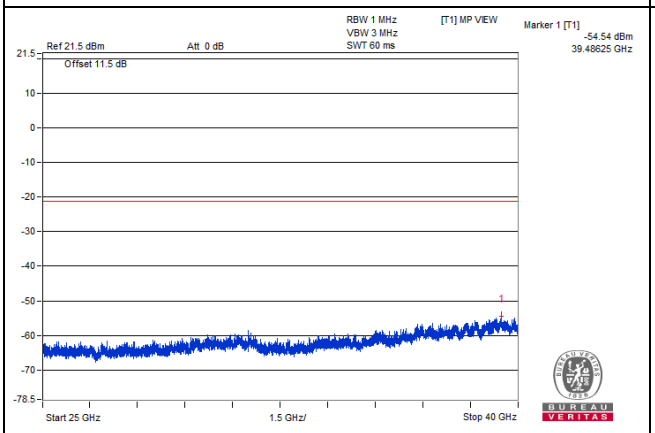

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-61.73 dBm
19.86668 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

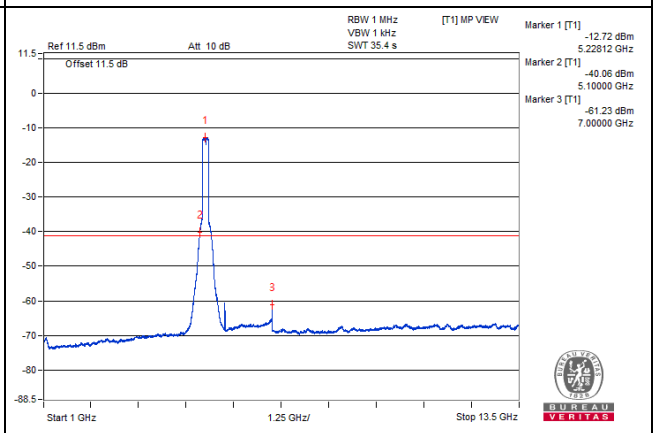

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-66.66 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

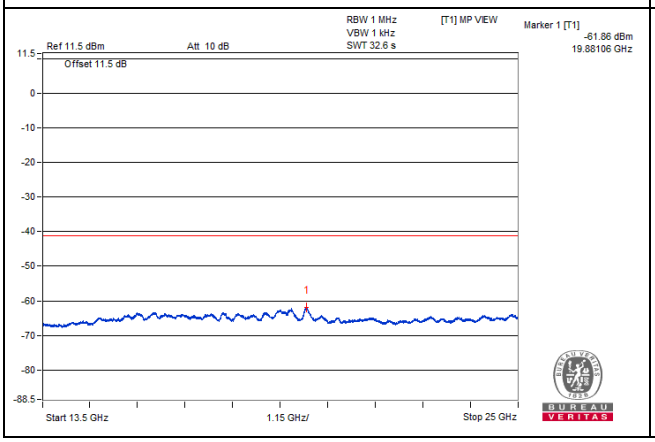
Chain 1

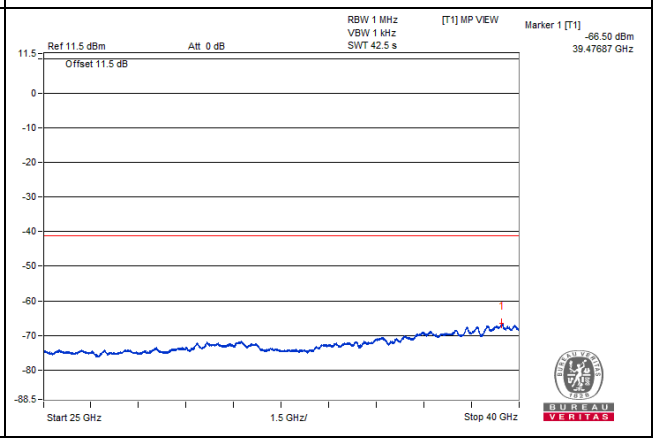

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 20 dB
Offset 11.5 dB
Marker 1 [T1]
-0.13 dBm
5.22968 GHz
Marker 2 [T1]
-26.33 dBm
5.09843 GHz
Marker 3 [T1]
-43.35 dBm
6.98125 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-49.33 dBm
19.88968 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-54.54 dBm
39.48625 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-12.72 dBm
5.22812 GHz
Marker 2 [T1]
-40.06 dBm
5.10000 GHz
Marker 3 [T1]
-61.23 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-61.86 dBm
19.88106 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

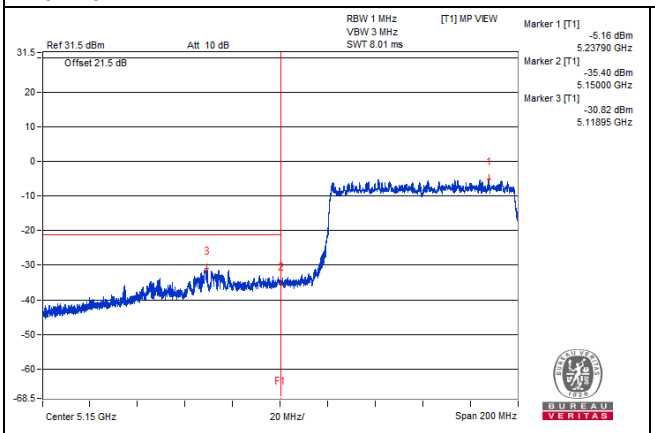

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-66.50 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

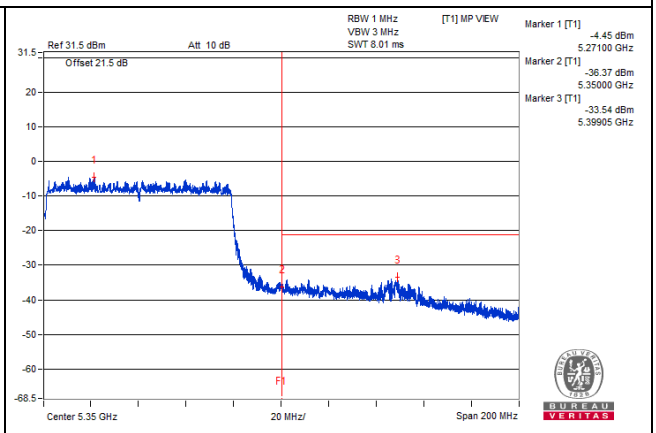
Bandedge table

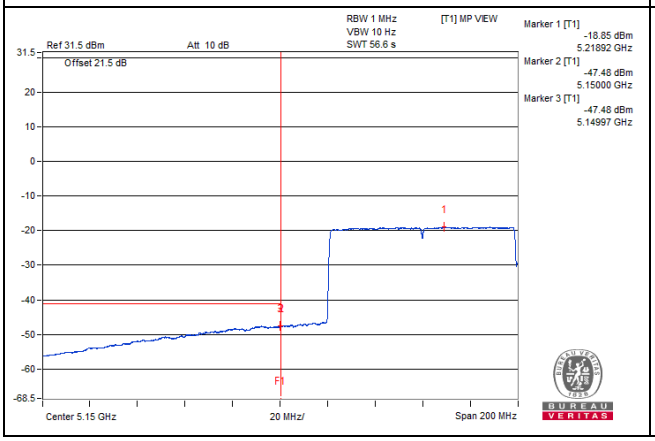
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5118.1 PK	73.88	74	-0.12	-30.99	-30.53	6.36	-21.38
2	5150 AV	56.99	54	*2.99	-47.48	-47.8	6.36	-38.27

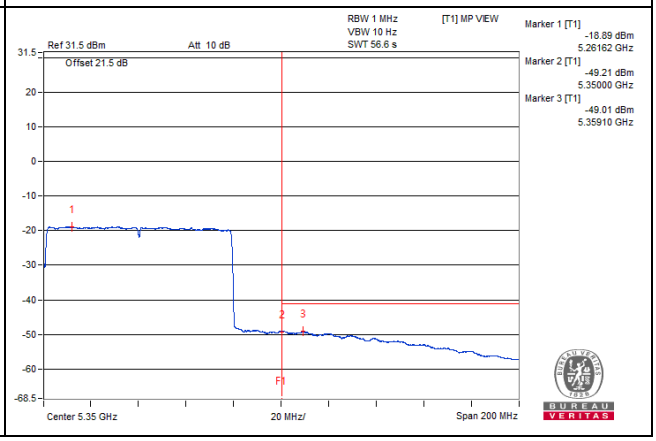
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
* The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

Chain 0

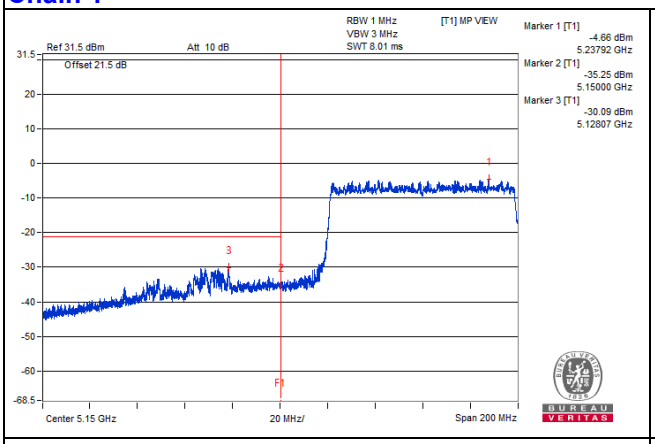


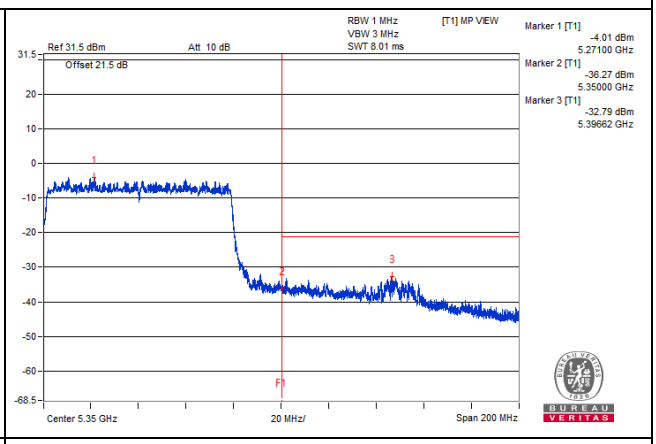


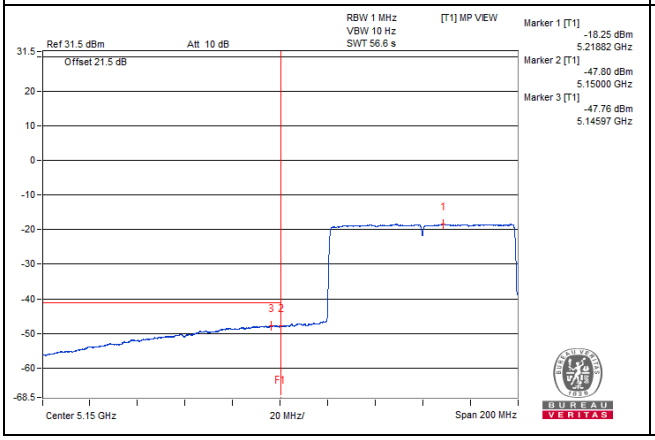


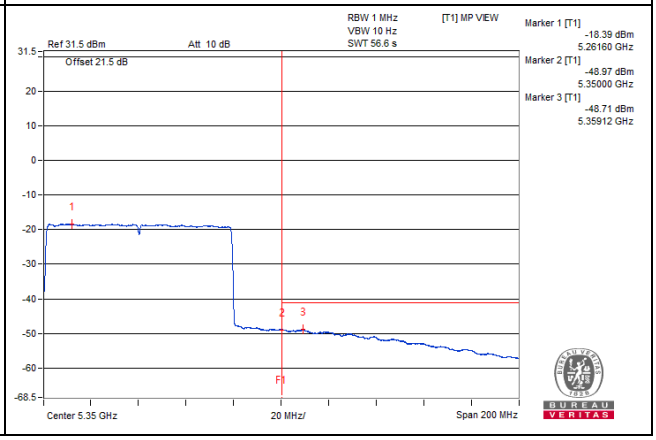


Chain 1


RBW 1 MHz
VBW 3 MHz
SWT 8.01 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-4.66 dBm
5.23792 GHz
Marker 2 [T1]
-35.25 dBm
5.15000 GHz
Marker 3 [T1]
-30.09 dBm
5.12807 GHz
Center 5.15 GHz
20 MHz/
Span 200 MHz


RBW 1 MHz
VBW 3 MHz
SWT 8.01 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-4.01 dBm
5.27100 GHz
Marker 2 [T1]
-36.27 dBm
5.35000 GHz
Marker 3 [T1]
-32.79 dBm
5.39662 GHz
Center 5.35 GHz
20 MHz/
Span 200 MHz


RBW 1 MHz
VBW 10 Hz
SWT 56.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-18.25 dBm
5.21882 GHz
Marker 2 [T1]
-47.80 dBm
5.15000 GHz
Marker 3 [T1]
-47.76 dBm
5.14597 GHz
Center 5.15 GHz
20 MHz/
Span 200 MHz


RBW 1 MHz
VBW 10 Hz
SWT 56.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-18.39 dBm
5.26160 GHz
Marker 2 [T1]
-48.97 dBm
5.35000 GHz
Marker 3 [T1]
-48.71 dBm
5.35912 GHz
Center 5.35 GHz
20 MHz/
Span 200 MHz

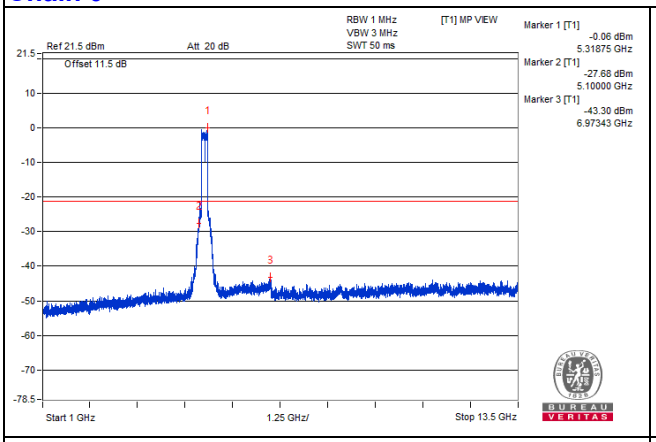
Channel 114

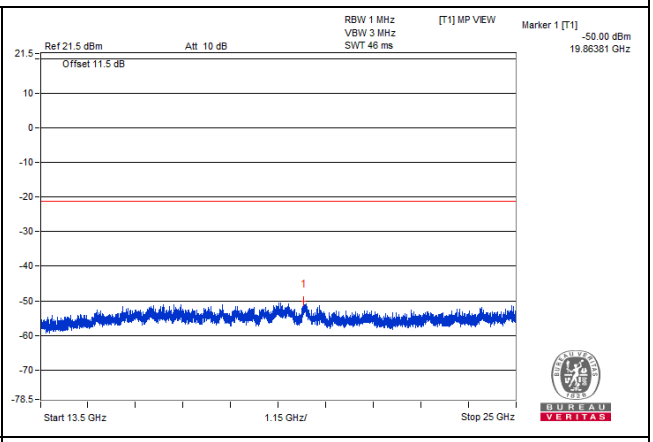
Conducted spurious emission table

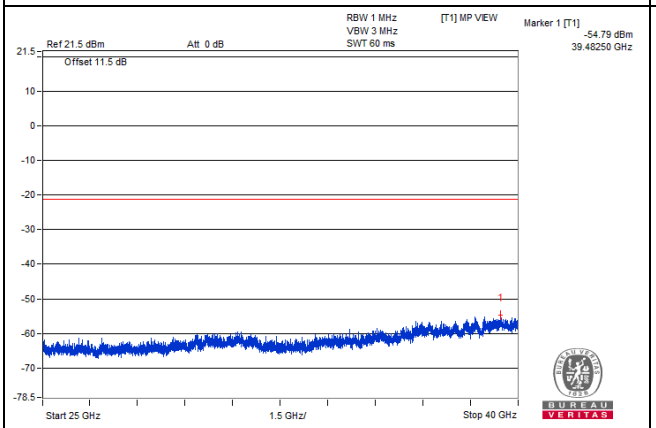
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	1368.75 PK	55.01	74	-18.99	-51.83	-51.07	8.17	-40.25
2	1367.18 AV	34.1	54	-19.9	-72.4	-72.28	8.17	-61.16
3	7432.81 PK	59.22	74	-14.78	-47.06	-47.38	8.17	-36.04
4	7421.87 AV	37.57	54	-16.43	-68.81	-68.93	8.17	-57.69
5	11132.81 PK	60.93	74	-13.07	-44.41	-46.99	8.17	-34.33
6	11134.37 AV	38.94	54	-15.06	-67.45	-67.56	8.17	-56.32
7	16714.25 PK	53.01	68.2	-15.19	-53.16	-53.71	8.17	-42.25

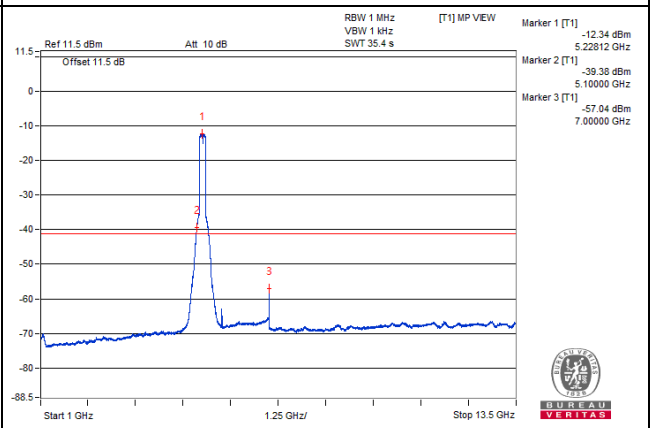
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.

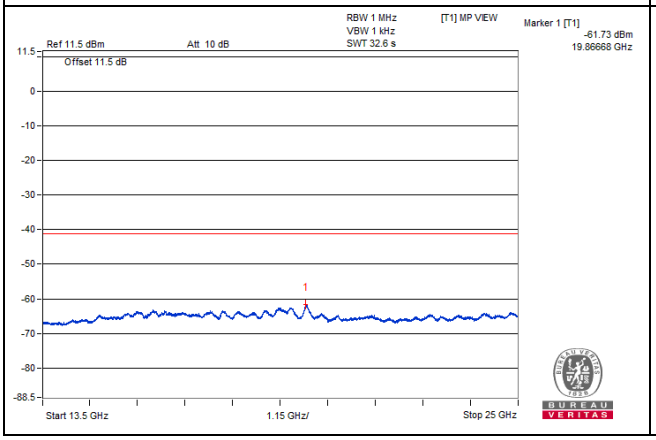
Chain 0

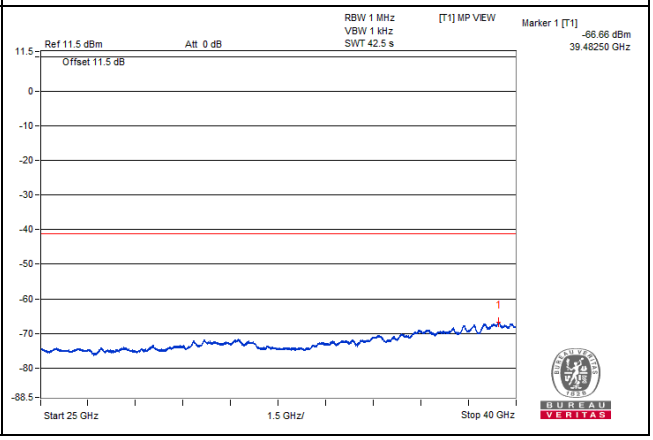

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 20 dB
Offset 11.5 dB
Marker 1 [T1]
-0.06 dBm
5.31875 GHz
Marker 2 [T1]
-27.68 dBm
5.10000 GHz
Marker 3 [T1]
-43.30 dBm
6.97343 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-50.00 dBm
19.86381 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

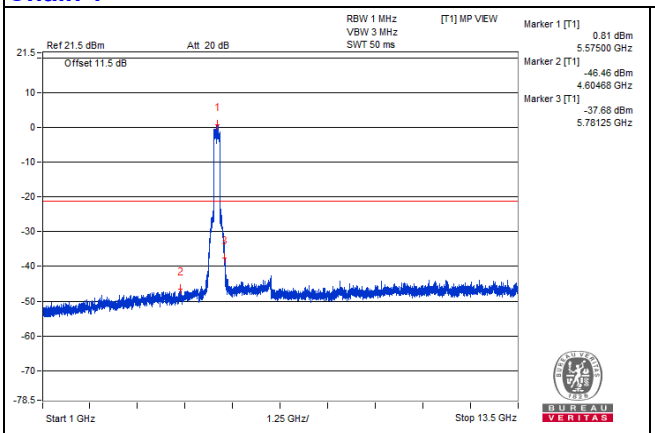

RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-54.79 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

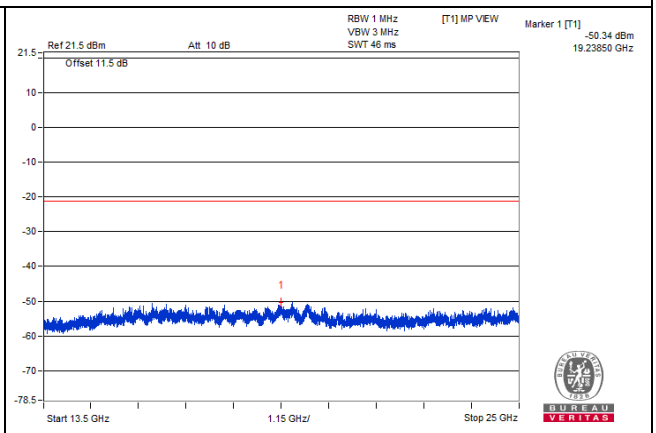

RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-12.34 dBm
5.22812 GHz
Marker 2 [T1]
-39.38 dBm
5.10000 GHz
Marker 3 [T1]
-57.04 dBm
7.00000 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz

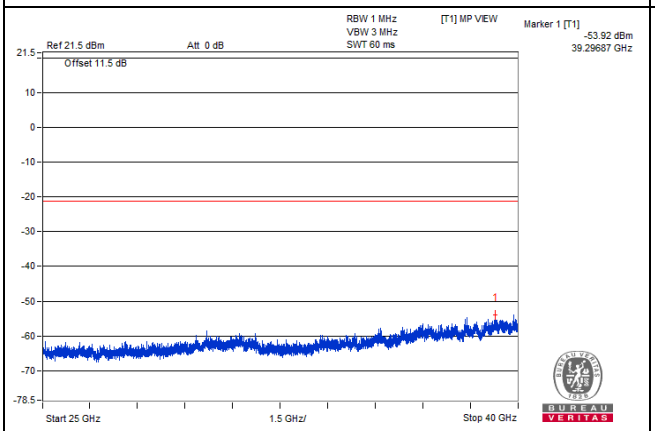

RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-61.73 dBm
19.86668 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

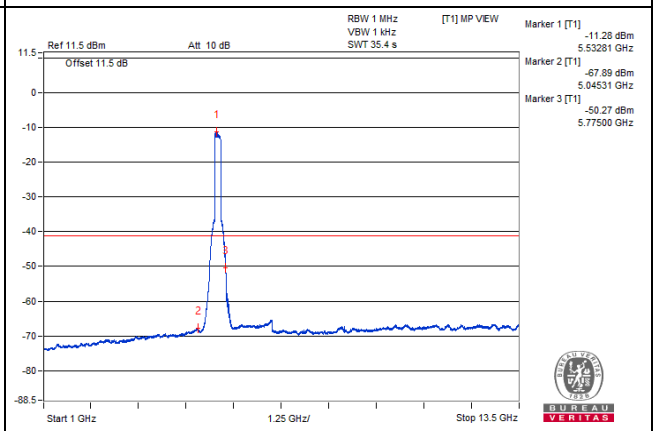

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-66.66 dBm
39.48250 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

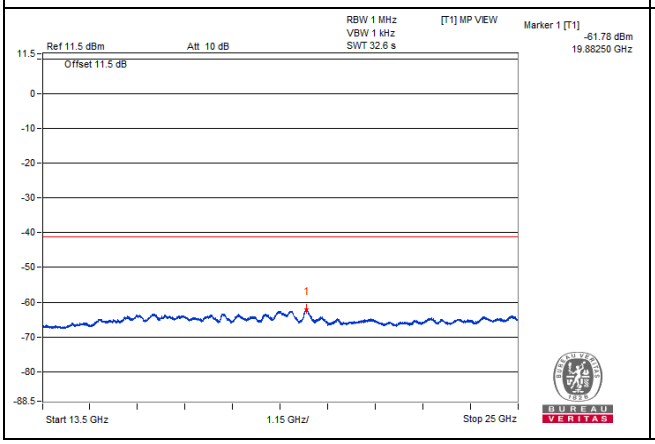
Chain 1

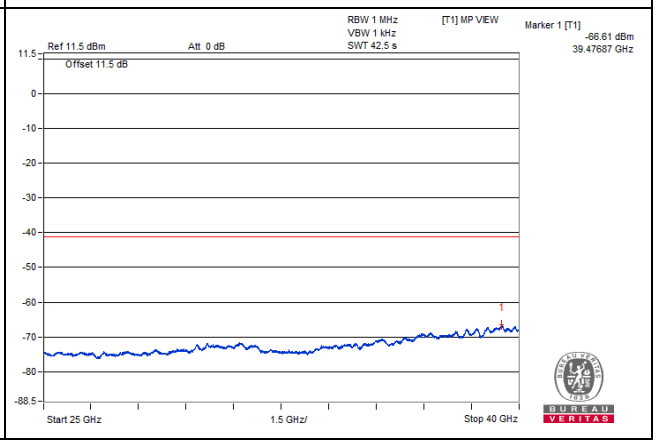

RBW 1 MHz
VBW 3 MHz
SWT 50 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 20 dB
Offset 11.5 dB
Marker 1 [T1]
0.81 dBm
5.57500 GHz
Marker 2 [T1]
-46.46 dBm
4.60468 GHz
Marker 3 [T1]
-37.68 dBm
5.78125 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 3 MHz
SWT 46 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-50.34 dBm
19.23850 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz


RBW 1 MHz
VBW 3 MHz
SWT 60 ms
[T1] MP VIEW
Ref 21.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-53.92 dBm
39.29687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz


RBW 1 MHz
VBW 1 kHz
SWT 35.4 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-11.28 dBm
5.53281 GHz
Marker 2 [T1]
-67.89 dBm
5.04531 GHz
Marker 3 [T1]
-50.27 dBm
5.77500 GHz
Start 1 GHz
1.25 GHz/
Stop 13.5 GHz


RBW 1 MHz
VBW 1 kHz
SWT 32.6 s
[T1] MP VIEW
Ref 11.5 dBm
Att 10 dB
Offset 11.5 dB
Marker 1 [T1]
-61.78 dBm
19.88250 GHz
Start 13.5 GHz
1.15 GHz/
Stop 25 GHz

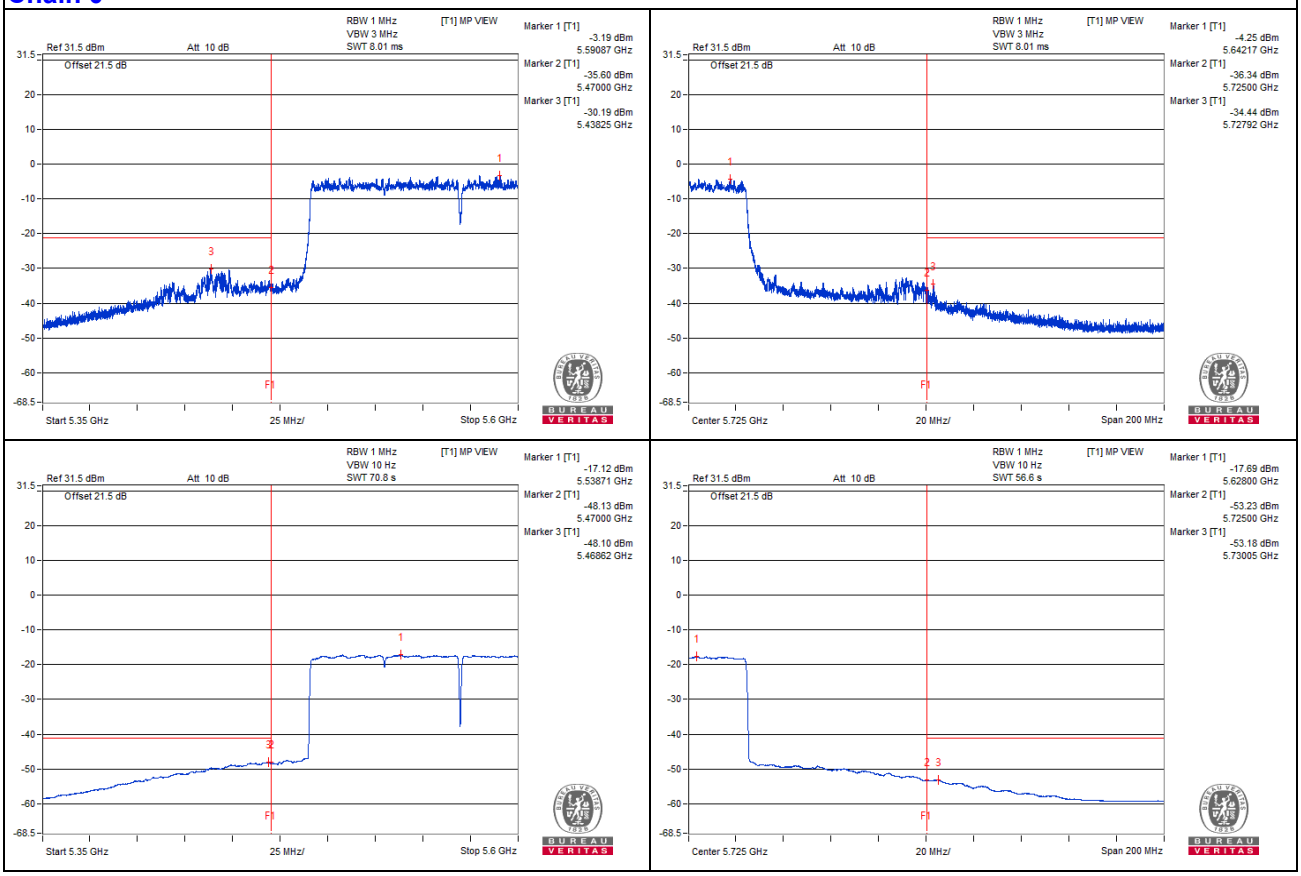

RBW 1 MHz
VBW 1 kHz
SWT 42.5 s
[T1] MP VIEW
Ref 11.5 dBm
Att 0 dB
Offset 11.5 dB
Marker 1 [T1]
-66.61 dBm
39.47687 GHz
Start 25 GHz
1.5 GHz/
Stop 40 GHz

Bandedge table

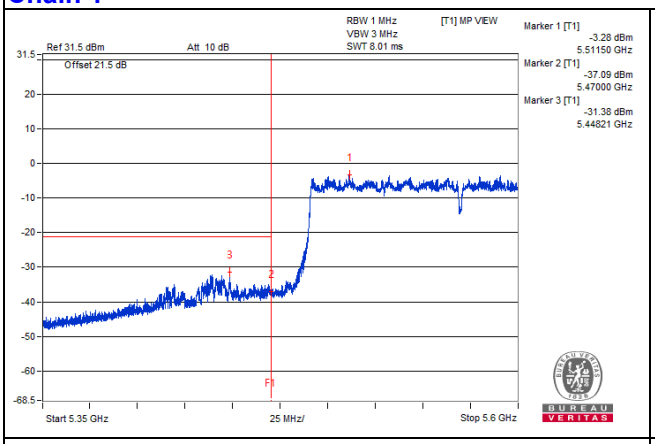
No.	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw Value (dBm)		Correction Factor (dB)	EIRP Level (dBm)
					Chain0	Chain1		
1	5438.25 PK	74.85	74	*0.85	-30.19	-32.62	7.82	-20.41
2	5459.62 AV	56.92	54	*2.92	-48.4	-50.11	7.82	-38.34
3	5466.93 PK	71.77	68.2	*3.57	-33.59	-35.19	7.82	-23.49

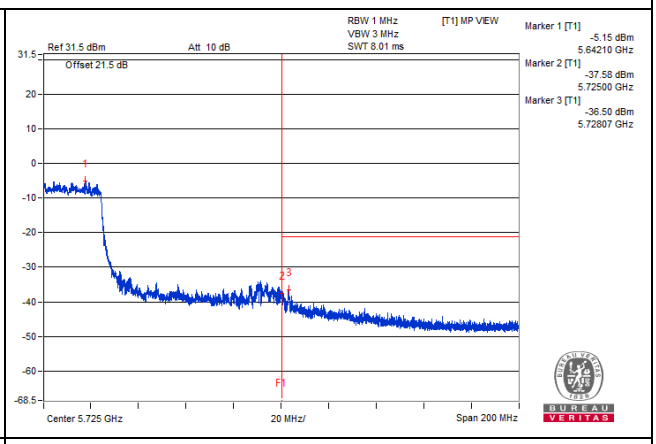
Note :
Emission Level (dBuV/m) = EIRP Level (dBm) – 20log(d) + 104.8
d = measurement distance in 3 meters.
* The unwanted emission was verified and the test result was passed by radiated measurement.
(Please refer APPENDIX B)

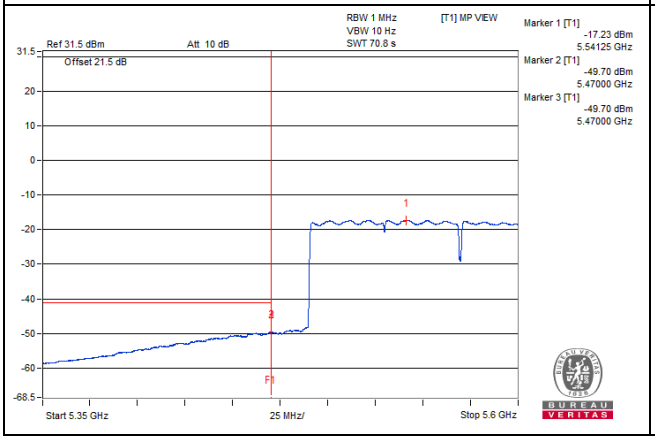
Chain 0

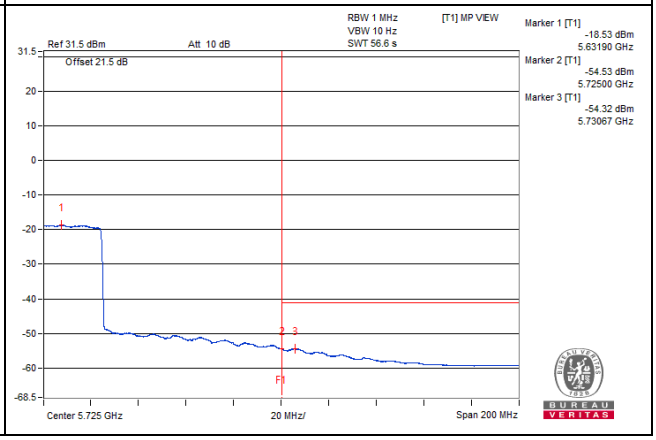


Chain 1


RBW 1 MHz
VBW 3 MHz
SWT 8.01 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-3.28 dBm
5.51150 GHz
Marker 2 [T1]
-37.09 dBm
5.47000 GHz
Marker 3 [T1]
-31.38 dBm
5.44821 GHz
Start 5.35 GHz
25 MHz/
Stop 5.6 GHz


RBW 1 MHz
VBW 3 MHz
SWT 8.01 ms
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-5.15 dBm
5.64210 GHz
Marker 2 [T1]
-37.58 dBm
5.72500 GHz
Marker 3 [T1]
-36.50 dBm
5.72807 GHz
Center 5.725 GHz
20 MHz/
Span 200 MHz


RBW 1 MHz
VBW 10 Hz
SWT 70.8 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-17.23 dBm
5.54125 GHz
Marker 2 [T1]
-49.70 dBm
5.47000 GHz
Marker 3 [T1]
-49.70 dBm
5.47000 GHz
Start 5.35 GHz
25 MHz/
Stop 5.6 GHz


RBW 1 MHz
VBW 10 Hz
SWT 56.6 s
[T1] MP VIEW
Ref 31.5 dBm
Att 10 dB
Offset 21.5 dB
Marker 1 [T1]
-18.53 dBm
5.63190 GHz
Marker 2 [T1]
-54.53 dBm
5.72500 GHz
Marker 3 [T1]
-54.32 dBm
5.73067 GHz
Center 5.725 GHz
20 MHz/
Span 200 MHz

4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2.2 Test Instruments

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
Test Receiver R&S	ESCS 30	847124/029	Oct. 20, 2020	Oct. 19, 2021
Line-Impedance Stabilization Network (for EUT) R&S	ESH3-Z5	848773/004	Oct. 27, 2020	Oct. 26, 2021
Line-Impedance Stabilization Network (for Peripheral) R&S	ESH3-Z5	835239/001	Mar. 26, 2021	Mar. 25, 2022
50 ohms Terminator	50	3	Oct. 26, 2020	Oct. 25, 2021
RF Cable	5D-FB	COCCAB-001	Sep. 26, 2020	Sep. 25, 2021
Fixed attenuator EMCI	STI02-2200-10	005	Aug. 29, 2020	Aug. 28, 2021
Software BVADT	BVADT_Cond_ V7.3.7.4	NA	NA	NA

Note:
1. The calibration interval of the above test instruments are 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The test was performed in Conduction 1.
3. Tested Date: Mar. 18, 2021

4.2.3 Test Procedure

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

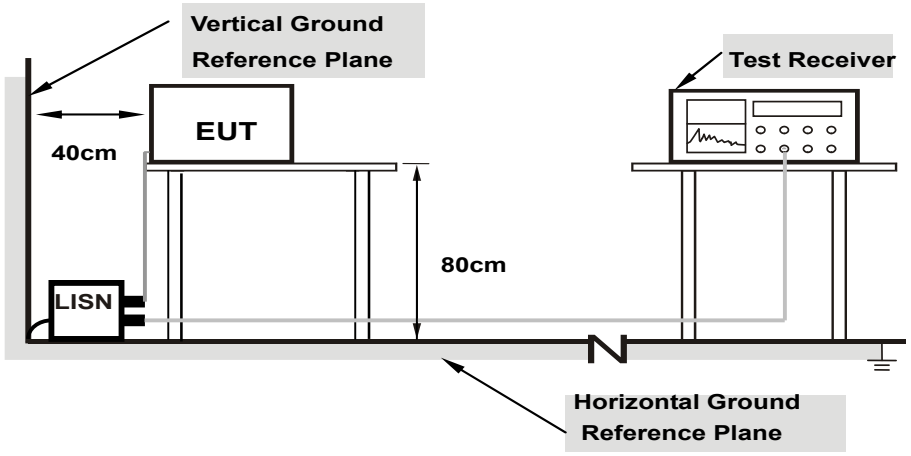
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE: All modes of operation were investigated and the worst-case emissions are reported.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.2.6 EUT Operating Condition

Same as 4.1.6.

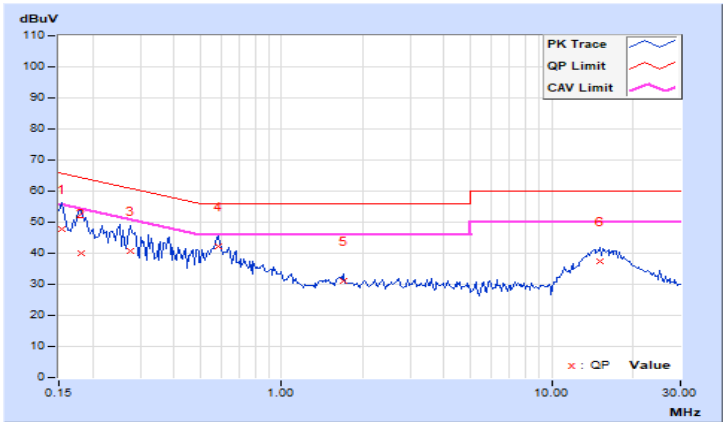
4.2.7 Test Results

RF Mode	TX 802.11a	Channel	CH 116：5580 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15391	9.96	37.83	26.46	47.79	36.42	65.79	55.79	-18.00	-19.37
2	0.18125	9.98	30.11	18.94	40.09	28.92	64.43	54.43	-24.34	-25.51
3	0.27500	10.00	30.84	14.08	40.84	24.08	60.97	50.97	-20.13	-26.89
4	**0.58359**	**10.03**	**32.31**	**24.22**	**42.34**	**34.25**	**56.00**	**46.00**	**-13.66**	**-11.75**
5	1.69141	10.12	20.92	16.76	31.04	26.88	56.00	46.00	-24.96	-19.12
6	15.17578	11.11	26.48	19.15	37.59	30.26	60.00	50.00	-22.41	-19.74

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

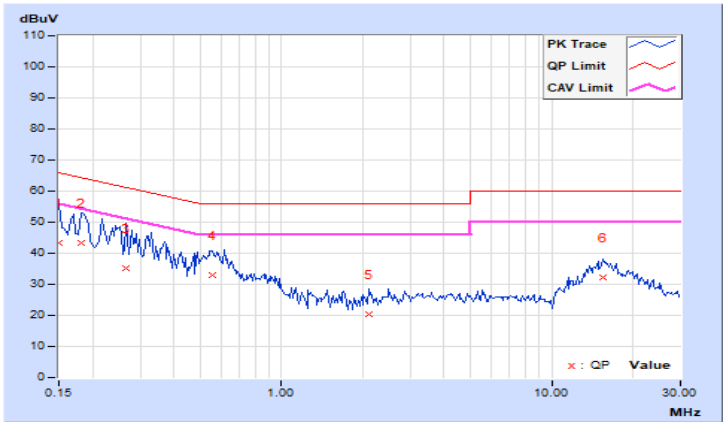


RF Mode	TX 802.11a	Channel	CH 116：5580 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9kHz

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15000	9.94	33.48	21.15	43.42	31.09	66.00	56.00	-22.58	-24.91
2	0.18125	9.97	33.31	19.04	43.28	29.01	64.43	54.43	-21.15	-25.42
3	0.26719	9.99	25.26	10.59	35.25	20.58	61.20	51.20	-25.95	-30.62
4	0.55234	10.03	22.77	14.12	32.80	24.15	56.00	46.00	-23.20	-21.85
5	2.11719	10.15	10.22	1.76	20.37	11.91	56.00	46.00	-35.63	-34.09
6	15.56641	10.94	21.39	14.69	32.33	25.63	60.00	50.00	-27.67	-24.37

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



4.3 Transmit Power Measurement

4.3.1 Limits of Transmit Power Measurement

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
		Indoor Access Point	1 Watt (30 dBm)
	√	Client device	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

*B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

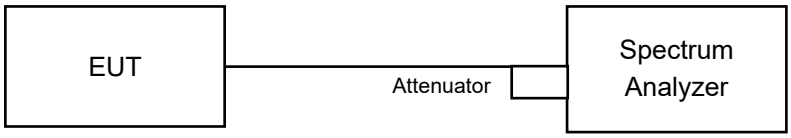
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT};
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

4.3.2 Test Setup

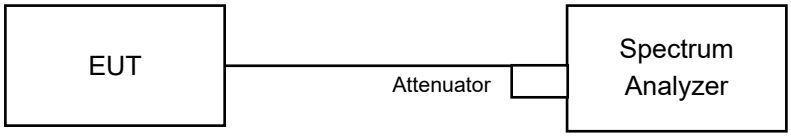
FOR POWER OUTPUT MEASUREMENT

For channel straddling 5250MHz & channel straddling 5725MHz:



For other channels:

FOR 26dB OCCUPIED BANDWIDTH



4.3.3 Test Instruments

Refer to section 4.1.2 to get information of above instrument.

4.3.4 Test Procedure

FOR POWER OUTPUT MEASUREMENT

For channel straddling 5250MHz & channel straddling 5725MHz:

Follow FCC KDB 789033 UNII test procedure:

Method SA-1

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW =1MHz.
3. Set the VBW ≥ 3 x RBW.
4. Number of points in sweep ≥ 2 Span / RBW.
5. Sweep time = auto.
6. Set trigger to free run (duty cycle ≥ 98 percent)
7. Detector = RMS.
8. Trace average at least 100 traces in power averaging mode
9. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

For other channels:

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

FOR 26dB OCCUPIED BANDWIDTH

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

4.3.5 Deviation from Test Standard

No deviation.

4.3.6 EUT Operating Condition

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.3.7 Test Results

802.11a

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.07	15.84	78.828	18.97	23.64	Pass
40	5200	18.52	19.21	154.489	21.89	23.64	Pass
48	5240	17.21	17.43	107.937	20.33	23.64	Pass
52	5260	18.41	19.27	153.87	21.87	23.57	Pass
60	5300	18.39	19.22	152.584	21.84	23.57	Pass
64	5320	16.10	16.40	84.39	19.26	23.57	Pass
100	5500	15.16	15.23	66.152	18.21	22.18	Pass
116	5580	18.90	18.74	152.442	21.83	22.18	Pass
140	5700	15.12	14.49	60.628	17.83	22.18	Pass
*144 (U-NII-2C Band)	5720	16.98	16.81	97.862	19.91	22.18	Pass
*144 (U-NII-3 Band)	5720	9.15	8.77	15.756	11.97	28.27	Pass
149	5745	18.76	18.77	150.498	21.78	28.27	Pass
157	5785	18.85	18.74	151.553	21.81	28.27	Pass
165	5825	18.80	18.71	150.16	21.77	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	18.68	18.83	150.174	21.77

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	31.48	31.14
60	5300	28.91	35.46
64	5320	21.45	25.33
100	5500	21.97	20.89
116	5580	32.76	32.9
140	5700	22.31	20.2
144 (U-NII-2C Band)	5720	20.26	21.02

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	31.14	25.93 > 24
60	5300	28.91	25.61 > 24
64	5320	21.45	24.31 > 24
100	5500	20.89	24.19 > 24
116	5580	32.76	26.15 > 24
140	5700	20.2	24.05 > 24
144 (U-NII-2C Band)	5720	20.26	24.06 > 24

802.11ac (VHT20)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.03	15.45	75.162	18.76	23.64	Pass
40	5200	15.93	15.74	76.671	18.85	23.64	Pass
48	5240	15.98	15.55	75.52	18.78	23.64	Pass
52	5260	16.37	15.29	77.158	18.87	23.57	Pass
60	5300	16.03	15.47	75.324	18.77	23.57	Pass
64	5320	16.21	15.43	76.697	18.85	23.57	Pass
100	5500	15.02	15.09	64.054	18.07	22.18	Pass
116	5580	15.78	15.71	75.083	18.76	22.18	Pass
140	5700	15.05	14.42	59.658	17.76	22.18	Pass
*144 (U-NII-2C Band)	5720	14.85	14.16	56.611	17.53	21.14	Pass
*144 (U-NII-3 Band)	5720	7.50	7.44	11.17	10.48	28.27	Pass
149	5745	15.96	15.62	75.921	18.80	28.27	Pass
157	5785	16.05	15.67	77.169	18.87	28.27	Pass
165	5825	15.90	15.59	75.129	18.76	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	15.83	15.66	75.095	18.76

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	23.71	23.28
60	5300	24.82	23.05
64	5320	23.38	22.18
100	5500	23.27	21.27
116	5580	23.81	22.29
140	5700	22.77	21.35
144 (U-NII-2C Band)	5720	15.73	15.87

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.28	24.66 > 24
60	5300	23.05	24.62 > 24
64	5320	22.18	24.45 > 24
100	5500	21.27	24.27 > 24
116	5580	22.29	24.48 > 24
140	5700	21.35	24.29 > 24
144 (U-NII-2C Band)	5720	15.73	22.96 < 24

802.11ac (VHT40)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.78	13.87	48.256	16.84	23.64	Pass
46	5230	14.95	15.54	67.07	18.27	23.64	Pass
54	5270	15.76	14.99	69.22	18.40	23.57	Pass
62	5310	15.60	14.62	65.281	18.15	23.57	Pass
102	5510	13.95	14.10	50.535	17.04	22.18	Pass
110	5550	15.03	15.48	67.16	18.27	22.18	Pass
134	5670	15.37	15.19	67.472	18.29	22.18	Pass
*142 (U-NII-2C Band)	5710	14.69	14.32	56.484	17.52	22.18	Pass
*142 (U-NII-3 Band)	5710	2.64	3.03	3.846	5.85	28.27	Pass
151	5755	15.15	15.39	67.328	18.28	28.27	Pass
159	5795	15.19	15.30	66.921	18.26	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	15.27	15.22	66.917	18.26

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	45.16	41.93
62	5310	41.94	42.13
102	5510	41.53	41.5
110	5550	42.07	42.03
134	5670	41.95	47.82
142 (U-NII-2C Band)	5710	35.79	36.01

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.93	27.22 > 24
62	5310	41.94	27.22 > 24
102	5510	41.5	27.18 > 24
110	5550	42.03	27.23 > 24
134	5670	41.95	27.22 > 24
142 (U-NII-2C Band)	5710	35.79	26.53 > 24

802.11ac (VHT80)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	11.49	11.00	26.682	14.26	23.64	Pass
58	5290	12.95	12.03	35.683	15.52	23.57	Pass
106	5530	13.40	13.58	44.681	16.50	22.18	Pass
122	5610	14.37	14.88	58.114	17.64	22.18	Pass
*138 (U-NII-2C Band)	5690	14.19	13.90	50.789	17.06	22.18	Pass
*138 (U-NII-3 Band)	5690	-2.37	-2.12	1.1932	0.77	28.27	Pass
155	5775	14.86	14.72	60.268	17.80	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	14.78	14.71	59.641	17.76

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.76	83.18
106	5530	82.85	82.77
122	5610	83.05	82.53
138 (U-NII-2C Band)	5690	76.58	76.68

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.76	30.17 > 24
106	5530	82.77	30.17 > 24
122	5610	82.53	30.16 > 24
138 (U-NII-2C Band)	5690	76.58	29.84 > 24

802.11ac (VHT160)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
*50 (U-NII-1 Band)	5250	7.44	7.75	11.503	10.61	23.64	Pass
*50 (U-NII-2A Band)	5250	7.46	7.78	11.57	10.63	23.57	Pass
114	5570	12.38	12.73	36.048	15.57	22.18	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	11.17	11.52	27.282	14.36

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-2A Band)	5250	82.98	83.24
114	5570	168.1	169.52

Note: For U-NII-2A Band output power limitation is determined based on 26dBc bandwidth.

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	82.98	30.18 > 24
114	5570	168.1	33.25 > 24

802.11ax (HE20)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
36	5180	16.08	15.49	75.951	18.81	23.64	Pass
40	5200	16.03	15.84	78.457	18.95	23.64	Pass
48	5240	16.09	15.63	77.204	18.88	23.64	Pass
52	5260	16.47	15.39	78.955	18.97	23.57	Pass
60	5300	16.10	15.58	76.879	18.86	23.57	Pass
64	5320	16.33	15.55	78.846	18.97	23.57	Pass
100	5500	15.10	15.19	65.396	18.16	22.18	Pass
116	5580	15.98	15.81	77.734	18.91	22.18	Pass
140	5700	15.10	14.46	60.285	17.80	22.18	Pass
*144 (U-NII-2C Band)	5720	15.01	14.53	60.075	17.79	21.14	Pass
*144 (U-NII-3 Band)	5720	7.64	7.83	11.875	10.75	28.27	Pass
149	5745	16.07	15.74	77.955	18.92	28.27	Pass
157	5785	16.08	15.74	78.048	18.92	28.27	Pass
165	5825	16.01	15.72	77.228	18.88	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	15.93	15.81	77.281	18.88

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	23.71	23.28
60	5300	24.82	23.05
64	5320	23.38	22.18
100	5500	23.27	21.27
116	5580	23.81	22.29
140	5700	22.77	21.35
144 (U-NII-2C Band)	5720	15.73	15.87

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	23.28	24.66 > 24
60	5300	23.05	24.62 > 24
64	5320	22.18	24.45 > 24
100	5500	21.27	24.27 > 24
116	5580	22.29	24.48 > 24
140	5700	21.35	24.29 > 24
144 (U-NII-2C Band)	5720	15.73	22.96 < 24

802.11ax (HE40)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
38	5190	13.88	13.97	49.38	16.94	23.64	Pass
46	5230	14.98	15.59	67.702	18.31	23.64	Pass
54	5270	15.79	15.02	69.7	18.43	23.57	Pass
62	5310	15.70	14.72	66.802	18.25	23.57	Pass
102	5510	14.03	14.20	51.596	17.13	22.18	Pass
110	5550	15.19	15.65	69.765	18.44	22.18	Pass
134	5670	15.51	15.33	69.682	18.43	22.18	Pass
*142 (U-NII-2C Band)	5710	15.09	14.86	62.905	17.99	22.18	Pass
*142 (U-NII-3 Band)	5710	3.03	3.60	4.3	6.33	28.27	Pass
151	5755	15.28	15.49	69.128	18.40	28.27	Pass
159	5795	15.27	15.38	68.166	18.34	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	15.38	15.34	68.712	18.37

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	45.16	41.93
62	5310	41.94	42.13
102	5510	41.53	41.5
110	5550	42.07	42.03
134	5670	41.95	47.82
142 (U-NII-2C Band)	5710	35.79	36.01

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	41.93	27.22 > 24
62	5310	41.94	27.22 > 24
102	5510	41.5	27.18 > 24
110	5550	42.03	27.23 > 24
134	5670	41.95	27.22 > 24
142 (U-NII-2C Band)	5710	35.79	26.53 > 24

802.11ax (HE80)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
42	5210	11.58	11.07	27.182	14.34	23.64	Pass
58	5290	13.02	12.11	36.3	15.60	23.57	Pass
106	5530	13.50	13.65	45.561	16.59	22.18	Pass
122	5610	14.47	14.99	59.54	17.75	22.18	Pass
*138 (U-NII-2C Band)	5690	14.64	14.40	56.649	17.53	22.18	Pass
*138 (U-NII-3 Band)	5690	-1.86	-1.66	1.334	1.25	28.27	Pass
155	5775	14.99	14.80	61.75	17.91	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	14.81	14.75	60.123	17.79

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	82.76	83.18
106	5530	82.85	82.77
122	5610	83.05	82.53
138 (U-NII-2C Band)	5690	76.58	76.68

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	82.76	30.17 > 24
106	5530	82.77	30.17 > 24
122	5610	82.53	30.16 > 24
138 (U-NII-2C Band)	5690	76.58	29.84 > 24

802.11ax (HE160)

POWER OUTPUT

Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
		Chain 0	Chain 1				
*50 (U-NII-1 Band)	5250	7.88	8.28	12.867	11.09	23.64	Pass
*50 (U-NII-2A Band)	5250	8.06	8.27	13.112	11.18	23.57	Pass
114	5570	12.52	12.89	37.318	15.72	22.18	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	11.35	11.67	28.335	14.52

26dB OCCUPIED BANDWIDTH

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-2A Band)	5250	82.98	83.24
114	5570	168.1	169.52

Note: For U-NII-2A Band output power limitation is determined based on 26dBc bandwidth.

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	82.98	30.18 > 24
114	5570	168.1	33.25 > 24

20MHz Preamble

RU26

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
26/0	36	5180	12.61	12.40	35.617	15.52	23.64	Pass
26/0	40	5200	12.75	12.38	36.135	15.58	23.64	Pass
26/8	48	5240	12.49	12.03	33.701	15.28	23.64	Pass
26/0	52	5260	12.08	11.15	29.175	14.65	23.57	Pass
26/8	60	5300	12.73	11.18	31.872	15.03	23.57	Pass
26/8	64	5320	12.35	10.98	29.71	14.73	23.57	Pass
26/0	100	5500	10.39	10.48	22.108	13.45	22.18	Pass
26/0	116	5580	10.46	10.59	22.572	13.54	22.18	Pass
26/8	140	5700	10.82	9.77	21.562	13.34	22.18	Pass
26/0	*144 (U-NII-2C Band)	5720	10.30	10.62	22.25	13.47	21.29	Pass
26/8	*144 (U-NII-3 Band)	5720	9.89	10.76	21.662	13.36	28.27	Pass
26/0	149	5745	14.98	13.66	54.705	17.38	28.27	Pass
26/8	157	5785	14.87	13.98	55.694	17.46	28.27	Pass
26/8	165	5825	14.39	14.38	54.895	17.40	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	10.35	9.77	20.323	13.08

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
26/0	52	5260	20.68	20.85
26/8	60	5300	20.54	20.96
26/8	64	5320	20.48	20.9
26/0	100	5500	20.73	20.87
26/0	116	5580	20.92	20.89
26/8	140	5700	20.28	20.88
26/0	144 (U-NII-2C Band)	5720	16.27	16.42

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	20.68	24.15 > 24
60	5300	20.54	24.12 > 24
64	5320	20.48	24.11 > 24
100	5500	20.73	24.16 > 24
116	5580	20.89	24.19 > 24
140	5700	20.28	24.07 > 24
144 (U-NII-2C Band)	5720	16.27	23.11 < 24

RU52

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
52/37	36	5180	14.01	14.85	55.726	17.46	23.64	Pass
52/37	40	5200	14.29	14.65	56.028	17.48	23.64	Pass
52/40	48	5240	14.08	14.58	54.294	17.35	23.64	Pass
52/37	52	5260	14.09	14.84	56.124	17.49	23.57	Pass
52/40	60	5300	14.28	14.55	55.302	17.43	23.57	Pass
52/40	64	5320	14.19	14.65	55.416	17.44	23.57	Pass
52/37	100	5500	10.55	10.86	23.54	13.72	22.18	Pass
52/37	116	5580	12.81	13.12	39.61	15.98	22.18	Pass
52/40	140	5700	11.32	10.69	25.274	14.03	22.18	Pass
52/37	*144 (U-NII-2C Band)	5720	12.90	12.48	37.2	15.71	21.55	Pass
52/40	*144 (U-NII-3 Band)	5720	12.56	12.26	34.857	15.42	28.27	Pass
52/37	149	5745	15.04	13.83	56.07	17.49	28.27	Pass
52/40	157	5785	14.61	13.99	53.968	17.32	28.27	Pass
52/40	165	5825	14.78	14.15	56.062	17.49	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	12.88	12.24	36.158	15.58

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
52/37	52	5260	21.76	25.3
52/40	60	5300	21.62	22.22
52/40	64	5320	22.37	22.12
52/37	100	5500	21.36	21.23
52/37	116	5580	21.95	23.95
52/40	140	5700	21.23	20.96
52/37	144 (U-NII-2C Band)	5720	17.28	17.44

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	21.76	24.37 > 24
60	5300	21.62	24.34 > 24
64	5320	22.12	24.44 > 24
100	5500	21.23	24.26 > 24
116	5580	21.95	24.41 > 24
140	5700	20.96	24.21 > 24
144 (U-NII-2C Band)	5720	17.28	23.37 < 24

RU106

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
106/53	36	5180	13.78	14.95	55.139	17.41	23.64	Pass
106/53	40	5200	14.10	14.80	55.903	17.47	23.64	Pass
106/54	48	5240	14.31	14.56	55.553	17.45	23.64	Pass
106/53	52	5260	14.07	14.64	54.634	17.37	23.57	Pass
106/54	60	5300	14.32	14.58	55.747	17.46	23.57	Pass
106/54	64	5320	13.21	13.32	42.419	16.28	23.57	Pass
106/53	100	5500	10.29	10.48	21.859	13.40	22.18	Pass
106/53	116	5580	14.60	14.31	55.818	17.47	22.18	Pass
106/54	140	5700	11.25	10.71	25.111	14.00	22.18	Pass
106/53	*144 (U-NII-2C Band)	5720	14.48	14.99	59.604	17.75	21.43	Pass
106/54	*144 (U-NII-3 Band)	5720	11.85	12.52	33.176	15.21	28.27	Pass
106/53	149	5745	15.27	13.45	55.782	17.46	28.27	Pass
106/54	157	5785	15.06	13.69	55.451	17.44	28.27	Pass
106/54	165	5825	15.03	13.71	55.338	17.43	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	15.16	13.45	54.94	17.40

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
106/53	52	5260	22.22	22.25
106/54	60	5300	22.48	22.43
106/54	64	5320	22.01	24.4
106/53	100	5500	21.9	21.51
106/53	116	5580	24.55	24.63
106/54	140	5700	22.45	21.52
106/53	144 (U-NII-2C Band)	5720	16.8	19.32

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	22.22	24.46 > 24
60	5300	22.43	24.5 > 24
64	5320	22.01	24.42 > 24
100	5500	21.51	24.32 > 24
116	5580	24.55	24.9 > 24
140	5700	21.52	24.32 > 24
144 (U-NII-2C Band)	5720	16.8	23.25 < 24

RU242

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
242/61	36	5180	12.69	13.77	42.401	16.27	23.64	Pass
	40	5200	14.17	14.66	55.363	17.43	23.64	Pass
	48	5240	14.27	14.37	54.083	17.33	23.64	Pass
	52	5260	14.17	14.77	56.113	17.49	23.57	Pass
	60	5300	14.36	14.58	55.998	17.48	23.57	Pass
	64	5320	12.28	12.52	34.769	15.41	23.57	Pass
	100	5500	10.23	10.48	21.713	13.37	22.18	Pass
	116	5580	14.60	14.35	56.067	17.49	22.18	Pass
	140	5700	10.04	9.09	18.202	12.60	22.18	Pass
	*144 (U-NII-2C Band)	5720	13.16	13.67	43.982	16.43	21.56	Pass
	*144 (U-NII-3 Band)	5720	8.02	8.84	13.995	11.46	28.27	Pass
	149	5745	15.28	13.49	56.064	17.49	28.27	Pass
	157	5785	14.99	13.87	55.928	17.48	28.27	Pass
	165	5825	14.98	13.83	55.632	17.45	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	14.98	13.72	55.028	17.41

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
242/61	52	5260	40.91	45.96
	60	5300	41.31	45.91
	64	5320	27.82	29.62
	100	5500	24.05	24.3
	116	5580	46.99	44.99
	140	5700	24.41	24.34
	144 (U-NII-2C Band)	5720	17.33	26.37

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
52	5260	40.91	27.11 > 24
60	5300	41.31	27.16 > 24
64	5320	27.82	25.44 > 24
100	5500	24.05	24.81 > 24
116	5580	44.99	27.53 > 24
140	5700	24.34	24.86 > 24
144 (U-NII-2C Band)	5720	17.33	23.38 < 24

40MHz Preamble

RU26

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
26/9	38	5190	12.31	12.98	36.883	15.67	23.64	Pass
26/27	46	5230	12.58	12.35	35.292	15.48	23.64	Pass
26/9	54	5270	12.92	13.03	39.679	15.99	23.57	Pass
26/27	62	5310	11.70	11.33	28.374	14.53	23.57	Pass
26/9	102	5510	9.34	9.29	17.082	12.33	22.18	Pass
26/27	110	5550	10.52	10.90	23.575	13.72	22.18	Pass
26/9	134	5670	10.85	11.23	25.436	14.05	22.18	Pass
26/27	*142 (U-NII-2C Band)	5710	10.37	11.54	25.145	14.00	22.18	Pass
26/27	*142 (U-NII-3 Band)	5710	-32.92	-32.18	0.0011158	-29.52	28.27	Pass
26/9	151	5755	15.21	13.50	55.577	17.45	28.27	Pass
26/27	159	5795	15.32	13.41	55.969	17.48	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	10.21	11.35	24.141	13.83

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
26/9	54	5270	39.35	39.51
26/27	62	5310	39.05	39.53
26/9	102	5510	39.09	39.37
26/27	110	5550	39.08	39.59
26/9	134	5670	39.13	39.49
26/27	142 (U-NII-2C Band)	5710	35.25	34.59

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	39.35	26.94 > 24
62	5310	39.05	26.91 > 24
102	5510	39.09	26.92 > 24
110	5550	39.08	26.91 > 24
134	5670	39.13	26.92 > 24
142 (U-NII-2C Band)	5710	34.59	26.38 > 24

RU52

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
52/41	38	5190	12.41	12.99	37.325	15.72	23.64	Pass
52/48	46	5230	14.41	14.12	53.428	17.28	23.64	Pass
52/41	54	5270	14.32	14.37	54.392	17.36	23.57	Pass
52/48	62	5310	11.59	11.56	28.743	14.59	23.57	Pass
52/41	102	5510	9.45	9.49	17.702	12.48	22.18	Pass
52/48	110	5550	11.56	14.93	45.439	16.57	22.18	Pass
52/41	134	5670	11.36	10.09	23.887	13.78	22.18	Pass
52/48	*142 (U-NII-2C Band)	5710	12.97	14.40	47.358	16.75	22.18	Pass
52/48	*142 (U-NII-3 Band)	5710	-31.57	-30.25	0.0016407	-27.85	28.27	Pass
52/41	151	5755	15.14	13.39	54.486	17.36	28.27	Pass
52/48	159	5795	15.30	13.37	55.611	17.45	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	13.06	14.48	48.285	16.84

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
52/41	54	5270	40.28	39.86
52/48	62	5310	40.5	39.96
52/41	102	5510	40	39.61
52/48	110	5550	40.61	42.15
52/41	134	5670	40.19	39.62
52/48	142 (U-NII-2C Band)	5710	35.73	35.14

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	39.86	27 > 24
62	5310	39.96	27.01 > 24
102	5510	39.61	26.97 > 24
110	5550	40.61	27.08 > 24
134	5670	39.62	26.97 > 24
142 (U-NII-2C Band)	5710	35.14	26.45 > 24

RU106

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
106/55	38	5190	12.44	12.99	37.446	15.73	23.64	Pass
106/58	46	5230	13.69	14.74	53.174	17.26	23.64	Pass
106/55	54	5270	14.13	14.64	54.989	17.40	23.57	Pass
106/58	62	5310	11.44	11.63	28.486	14.55	23.57	Pass
106/55	102	5510	9.10	9.35	16.738	12.24	22.18	Pass
106/58	110	5550	14.41	14.53	55.985	17.48	22.18	Pass
106/55	134	5670	10.93	10.07	22.55	13.53	22.18	Pass
106/58	*142 (U-NII-2C Band)	5710	14.50	15.07	60.32	17.80	22.18	Pass
106/58	*142 (U-NII-3 Band)	5710	-29.71	-29.15	0.002285	-26.41	28.27	Pass
106/55	151	5755	15.25	13.34	55.074	17.41	28.27	Pass
106/58	159	5795	15.27	13.41	55.579	17.45	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	15.23	13.42	55.321	17.43

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
106/55	54	5270	42.28	43.59
106/58	62	5310	40.62	41.06
106/55	102	5510	40.79	40.74
106/58	110	5550	42.88	43.64
106/55	134	5670	40.71	41.34
106/58	142 (U-NII-2C Band)	5710	35.21	35.76

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	42.28	27.26 > 24
62	5310	40.62	27.08 > 24
102	5510	40.74	27.1 > 24
110	5550	42.88	27.32 > 24
134	5670	40.71	27.09 > 24
142 (U-NII-2C Band)	5710	35.21	26.46 > 24

RU242

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
242/62	38	5190	13.19	13.22	41.834	16.22	23.64	Pass
242/63	46	5230	13.70	14.73	53.159	17.26	23.64	Pass
242/62	54	5270	14.20	14.71	55.883	17.47	23.57	Pass
242/63	62	5310	11.51	11.39	27.93	14.46	23.57	Pass
242/62	102	5510	9.19	9.01	16.26	12.11	22.18	Pass
242/63	110	5550	14.66	14.80	59.441	17.74	22.18	Pass
242/62	134	5670	10.48	9.26	19.602	12.92	22.18	Pass
242/63	*142 (U-NII-2C Band)	5710	15.14	15.29	66.465	18.23	22.18	Pass
242/63	*142 (U-NII-3 Band)	5710	-24.38	-23.30	0.008325	-20.80	28.27	Pass
242/62	151	5755	15.24	13.39	55.247	17.42	28.27	Pass
242/63	159	5795	15.34	13.27	55.43	17.44	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	15.19	13.62	56.051	17.49

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
242/62	54	5270	67.99	72.88
242/63	62	5310	54.7	55.05
242/62	102	5510	45.58	44.18
242/63	110	5550	63.17	61.33
242/62	134	5670	48.9	53.02
242/63	142 (U-NII-2C Band)	5710	49.34	45.55

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	67.99	29.32 > 24
62	5310	54.7	28.37 > 24
102	5510	44.18	27.45 > 24
110	5550	61.33	28.87 > 24
134	5670	48.9	27.89 > 24
142 (U-NII-2C Band)	5710	45.55	27.58 > 24

RU484

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
484/65	38	5190	9.40	9.85	18.37	12.64	23.64	Pass
	46	5230	14.58	14.20	55.01	17.40	23.64	Pass
	54	5270	14.52	14.13	54.196	17.34	23.57	Pass
	62	5310	10.81	10.79	24.045	13.81	23.57	Pass
	102	5510	9.73	9.58	18.475	12.67	22.18	Pass
	110	5550	13.02	13.61	43.006	16.34	22.18	Pass
	134	5670	11.30	9.94	23.352	13.68	22.18	Pass
	*142 (U-NII-2C Band)	5710	15.36	15.38	68.87	18.38	22.18	Pass
	*142 (U-NII-3 Band)	5710	6.21	5.58	7.792	8.92	28.27	Pass
	151	5755	15.01	13.71	55.192	17.42	28.27	Pass
	159	5795	15.24	13.46	55.601	17.45	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	15.19	13.31	54.466	17.36

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
484/65	54	5270	89.39	78.22
	62	5310	48.76	48.25
	102	5510	47.59	49.22
	110	5550	69.65	72.35
	134	5670	49.5	48.17
	142 (U-NII-2C Band)	5710	55.83	55.89

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
54	5270	78.22	29.93 > 24
62	5310	48.25	27.83 > 24
102	5510	47.59	27.77 > 24
110	5550	69.65	29.42 > 24
134	5670	48.17	27.82 > 24
142 (U-NII-2C Band)	5710	55.83	28.46 > 24

80MHz Preamble

RU996

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
996/67	42	5210	7.59	8.42	12.691	11.03	23.64	Pass
	58	5290	9.69	9.99	19.288	12.85	23.57	Pass
	106	5530	8.80	9.13	15.77	11.98	22.18	Pass
	122	5610	10.78	10.48	23.136	13.64	22.18	Pass
	*138 (U-NII-2C Band)	5690	12.88	12.31	36.43	15.61	22.18	Pass
	*138 (U-NII-3 Band)	5690	0.08	-1.21	1.7754	2.49	28.27	Pass
	155	5775	15.04	13.65	55.089	17.41	28.27	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.
4. For U-NII-3: The directional gain = 4.72dBi + 10log(2) = 7.73dBi > 6dBi, so the power limit shall be reduced to 30-(7.73-6) = 28.27dBm.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	11.91	10.52	26.796	14.28

26dB OCCUPIED BANDWIDTH

RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
996/67	58	5290	154.55	117.61
	106	5530	97.34	91.7
	122	5610	117.02	102.78
	138 (U-NII-2C Band)	5690	80.86	82.26

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
58	5290	117.61	31.7 > 24
106	5530	91.7	30.62 > 24
122	5610	102.78	31.11 > 24
138 (U-NII-2C Band)	5690	80.86	30.07 > 24

160MHz Preamble

RU1992

POWER OUTPUT

RU Configuration	Chan.	Chan. Freq. (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Limit (dBm)	Pass / Fail
			Chain 0	Chain 1				
1992/68	*50 (U-NII-1 Band)	5250	9.50	9.06	16.966	12.30	23.64	Pass
	*50 (U-NII-2A Band)	5250	9.54	9.08	17.086	12.33	23.57	Pass
	114	5570	12.12	13.25	37.428	15.73	22.18	Pass

Note: * Test was performed in accordance with Measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.

1. For U-NII-1: The directional gain = 3.35dBi + 10log(2) = 6.36dBi > 6dBi, so the power limit shall be reduced to 24-(6.36-6) = 23.64dBm.
2. For U-NII-2A: The directional gain = 3.42dBi + 10log(2) = 6.43dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (6.43-6)”.
3. For U-NII-2C: The directional gain = 4.81dBi + 10log(2) = 7.82dBi > 6dBi, so the power limit shall be reduced to “Determined Conducted Limit- (7.82-6)”.

For Reference only – Power meter value

The power value was measured by power meter with average sensor.

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
50	5250	10.76	11.44	25.844	14.12

26dB OCCUPIED BANDWIDTH

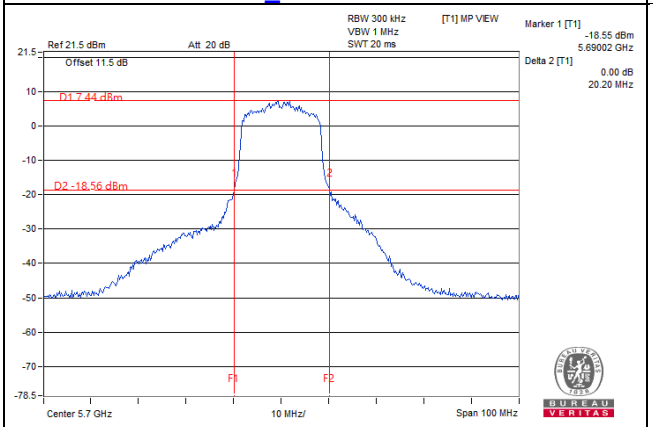
RU Configuration	Channel	Frequency (MHz)	26dBc Bandwidth (MHz)	
			Chain 0	Chain 1
1992/68	50 (U-NII-2A Band)	5250	185.02	164.23
	114	5570	330.9	331.72

Note: For U-NII-2A, U-NII-2C Band output power limitation is determined based on 26dBc bandwidth

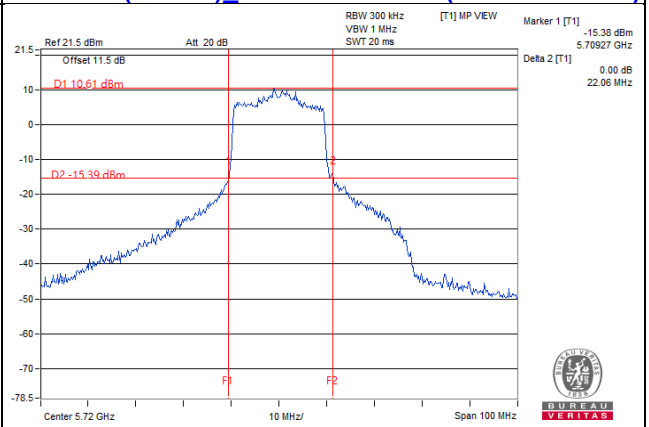
Power Limit = 11dBm + 10logB < U-NII-2A, U-NII-2C >			
Channel Number	Freq.(MHz)	Min. B(MHz)	Determined Conducted Limit (dBm)
50 (U-NII-2A Band)	5250	164.23	33.15 > 24
114	5570	330.9	36.19 > 24

Spectrum Plot of Worst Value

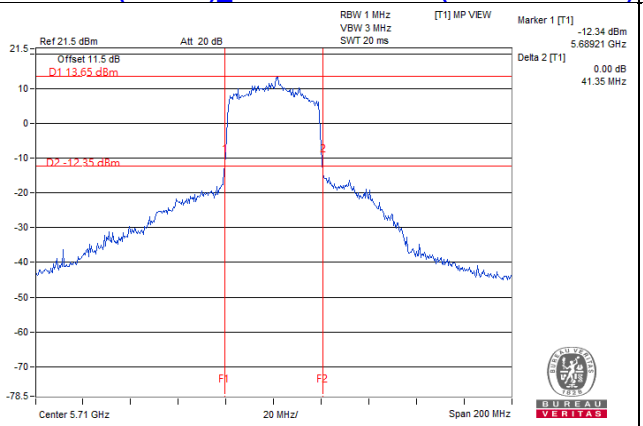
802.11a_Chain 1 / CH140



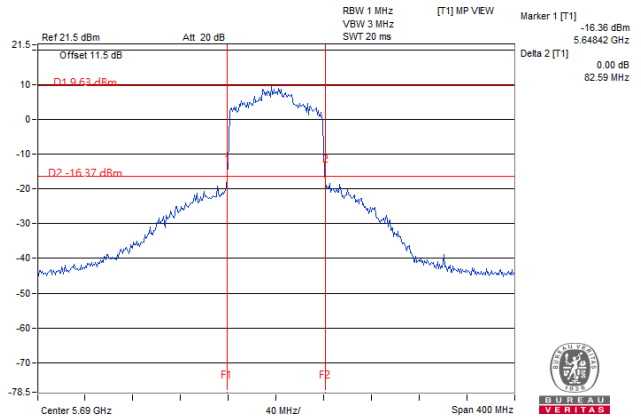
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-2C Band)



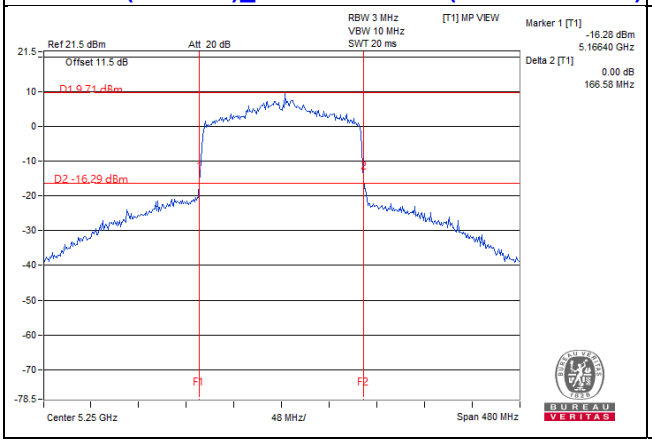
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-2C Band)

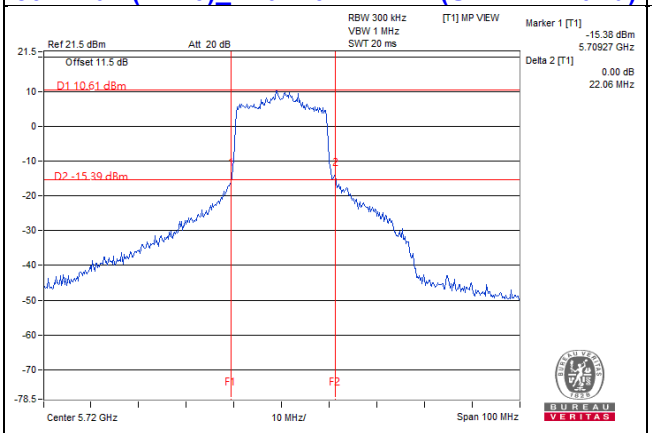
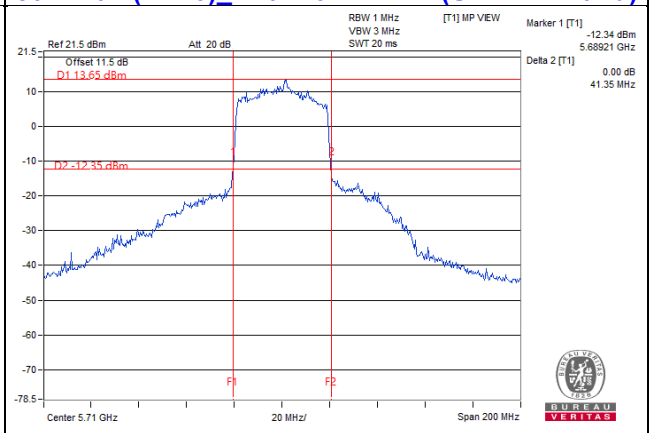
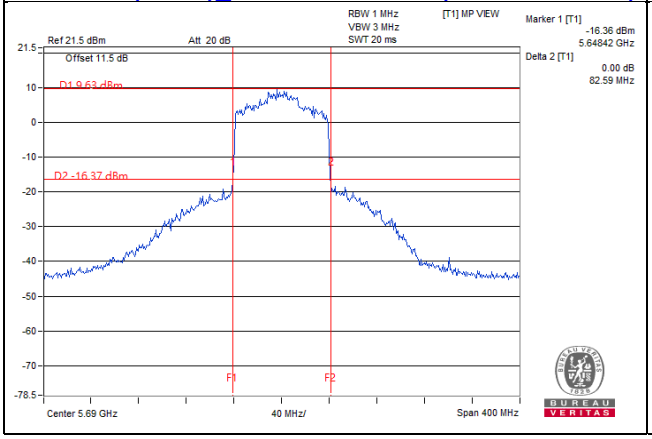
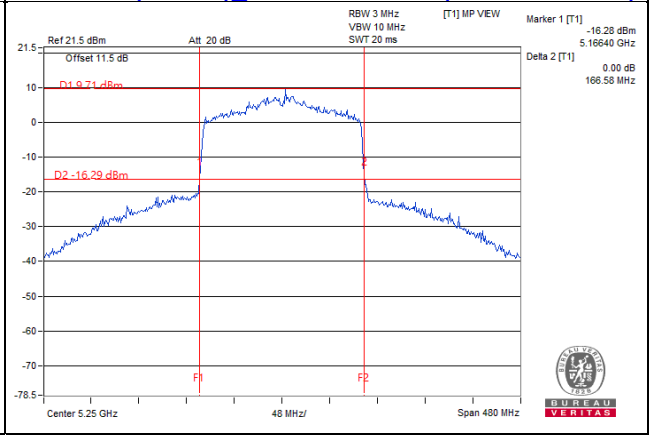


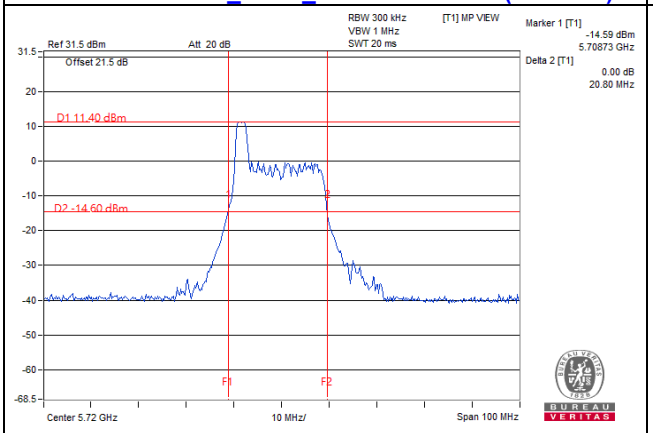
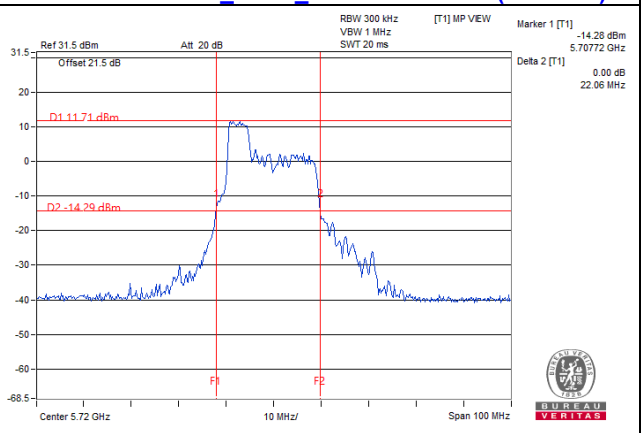
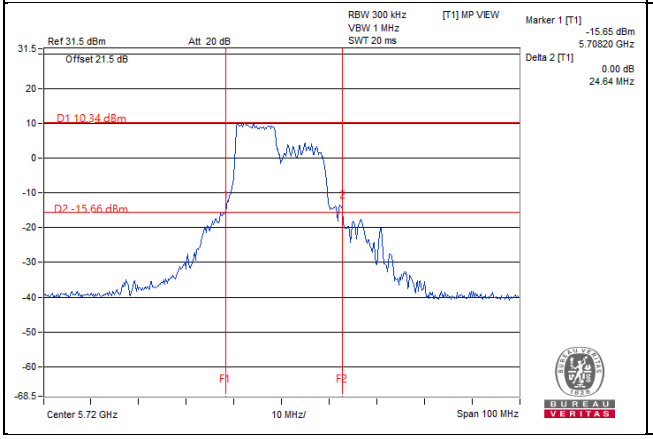
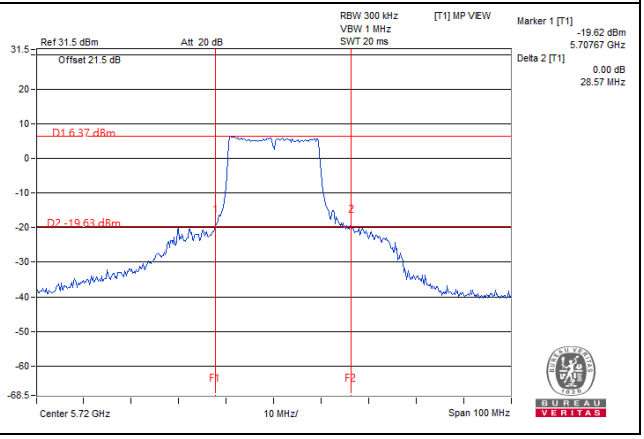
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)



802.11ac (VHT160)_Chain 0 / CH50 (U-NII-2A Band)

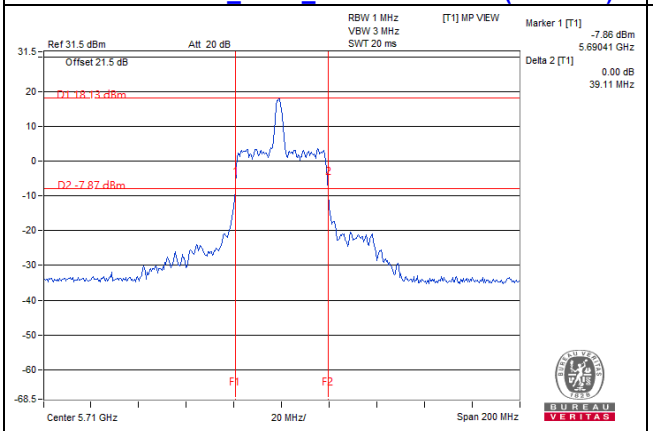


Spectrum Plot of Worst Value	
802.11ax (HE20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ax (HE40)_Chain 0 / CH142 (U-NII-2C Band)**
	
802.11ax (HE80)_Chain 0 / CH138 (U-NII-2C Band)	**802.11ax (HE160)_Chain 0 / CH50 (U-NII-2A Band)**
	

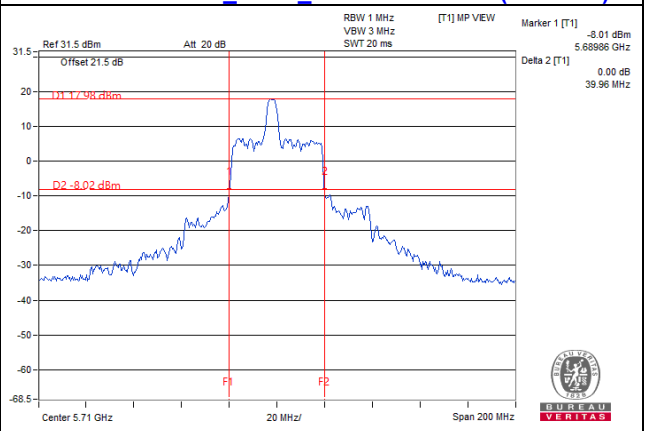
Spectrum Plot of Worst Value	
20MHz Preamble_RU26_Chain 0 / CH144 (U-NII-2C)	**20MHz Preamble_RU52_Chain 0 / CH144 (U-NII-2C)**
	
20MHz Preamble_RU106_Chain 0 / CH144 (U-NII-2C)	**20MHz Preamble_RU242_Chain 0 / CH144 (U-NII-2C)**
	

Spectrum Plot of Worst Value

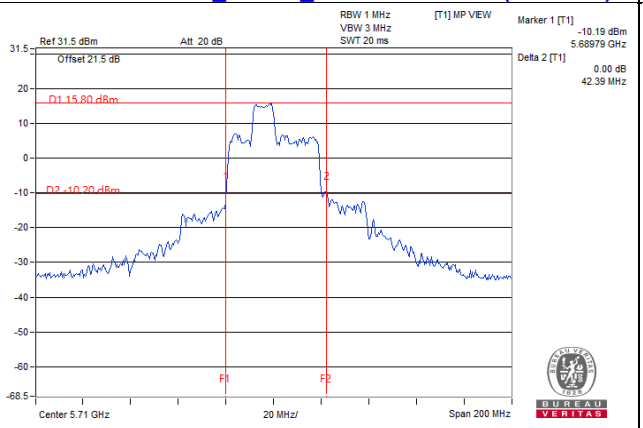
40MHz Preamble_RU26_Chain 1 / CH142 (U-NII-2C)



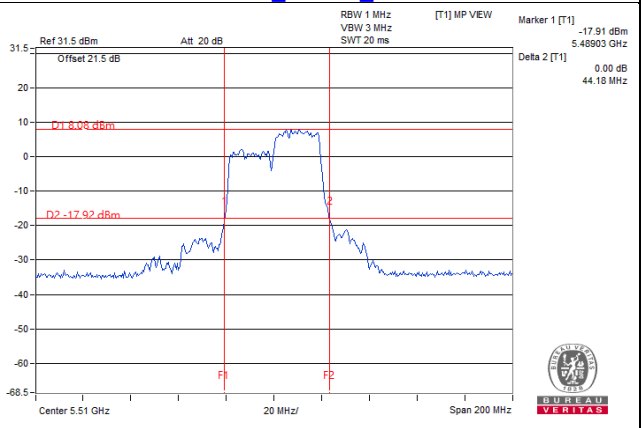
40MHz Preamble_RU52_Chain 1 / CH142 (U-NII-2C)



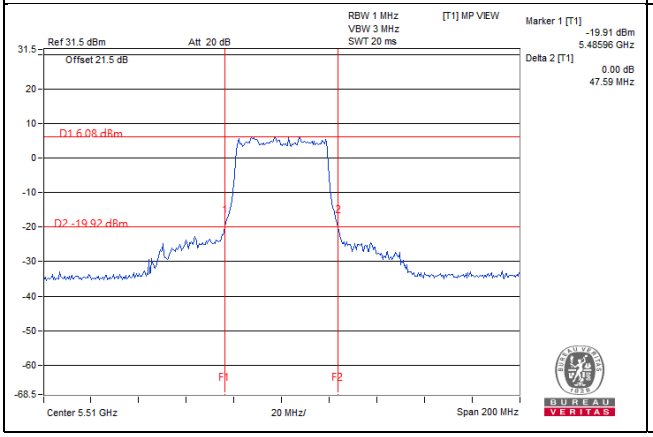
40MHz Preamble_RU106_Chain 0 / CH142 (U-NII-2C)

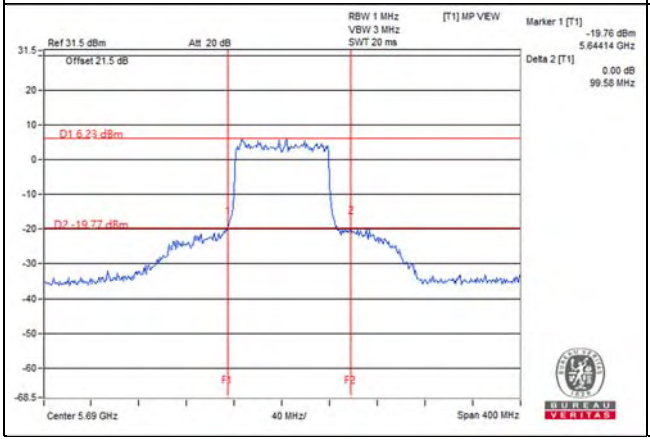
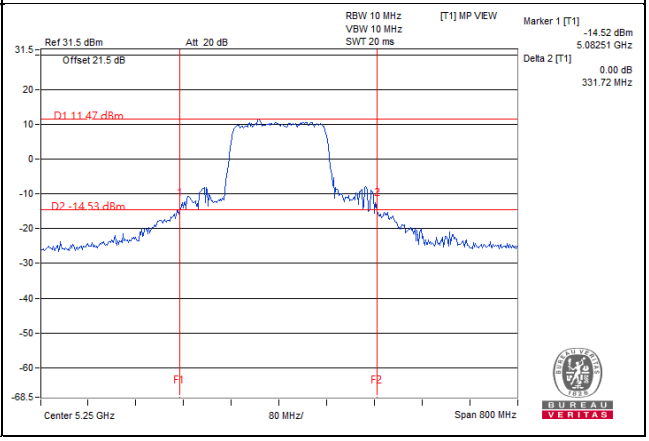


40MHz Preamble_RU242_Chain 1 / CH102

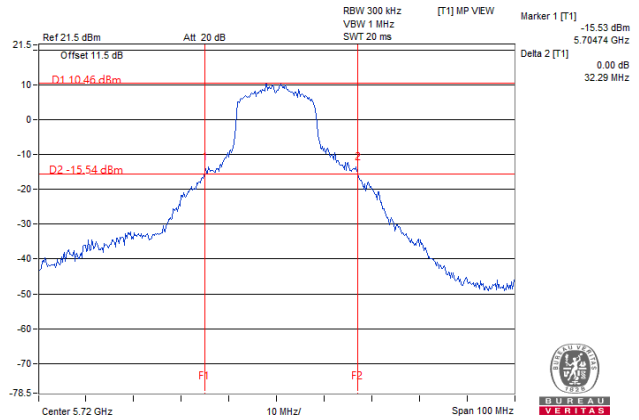
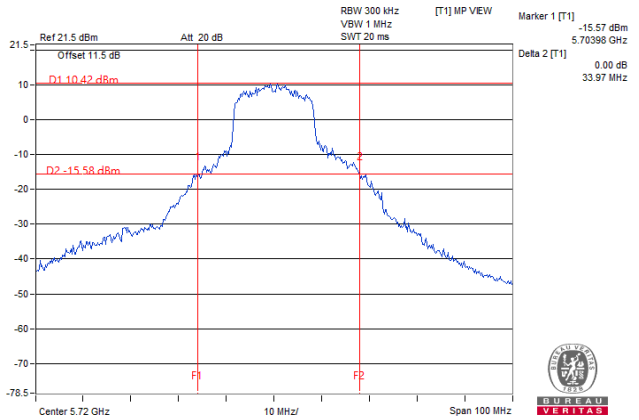
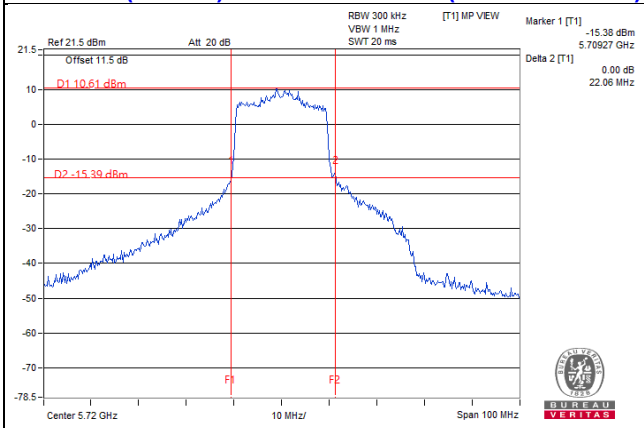
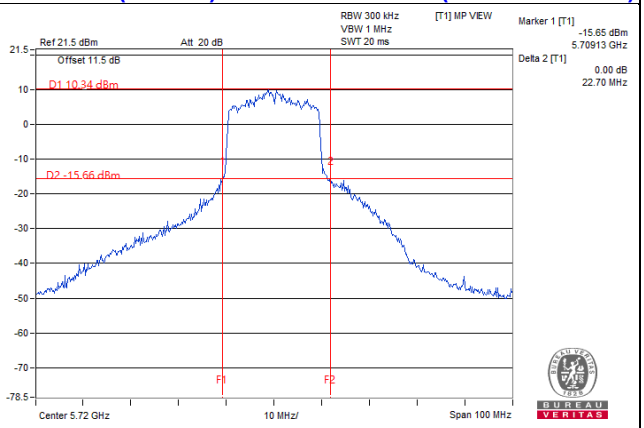


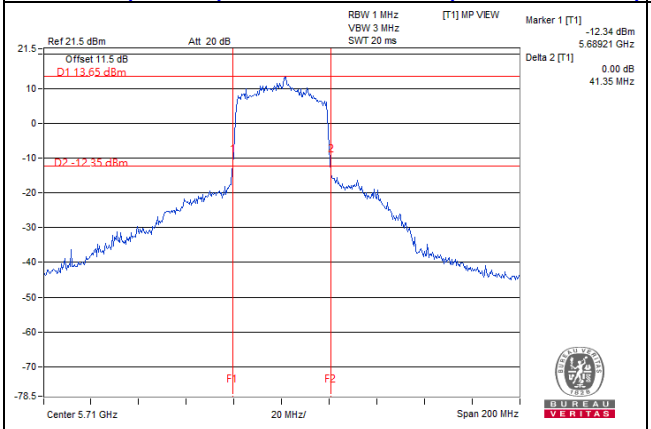
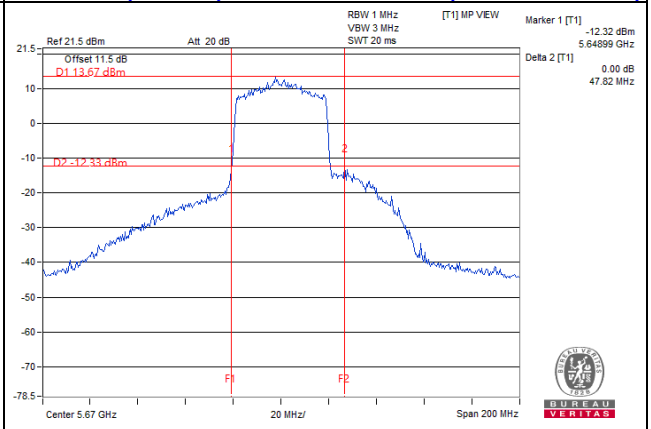
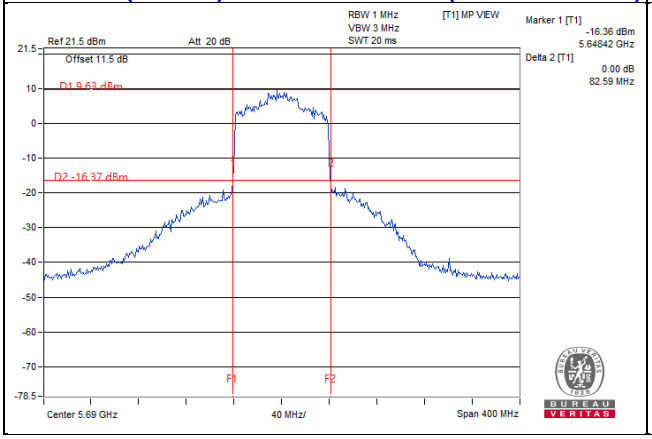
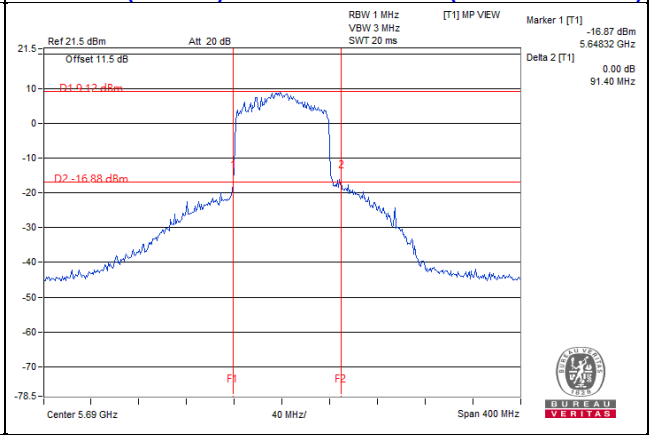
40MHz Preamble_RU484_Chain 0 / CH102

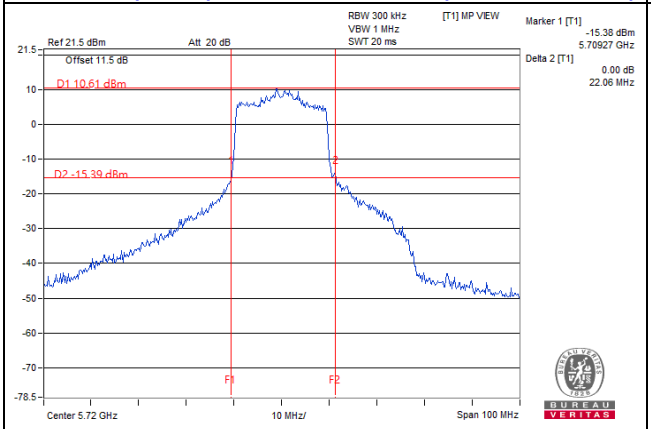
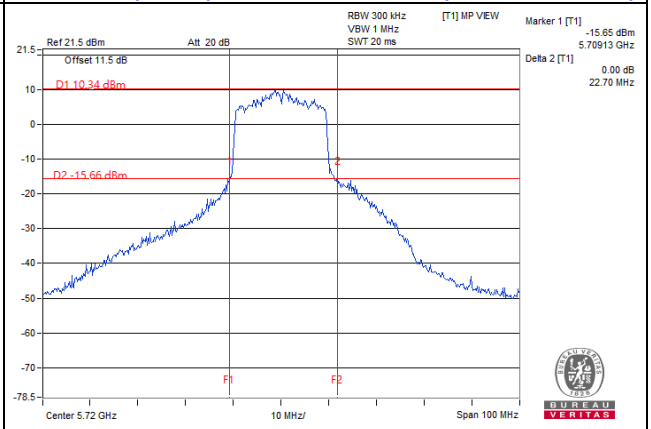
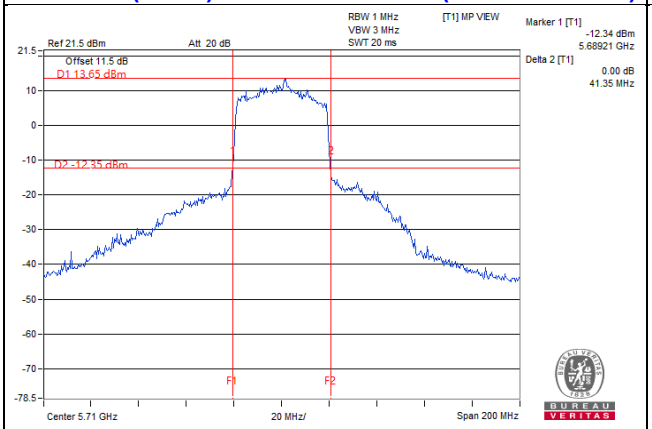
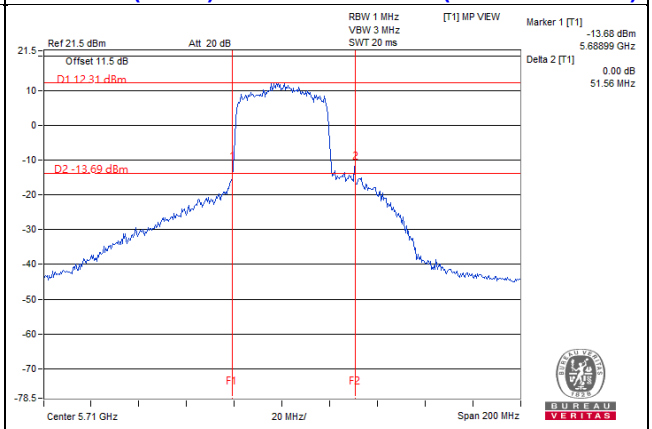
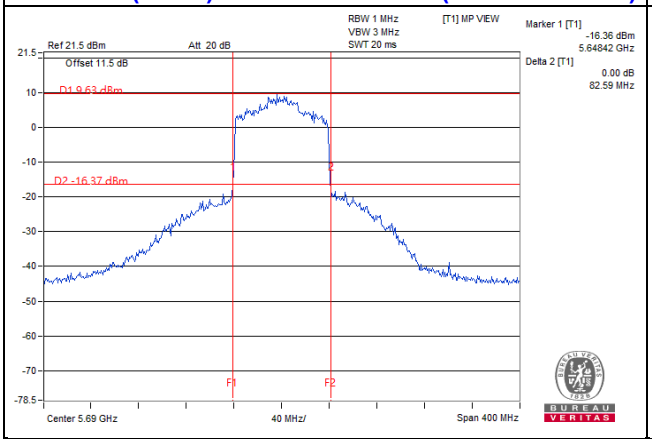
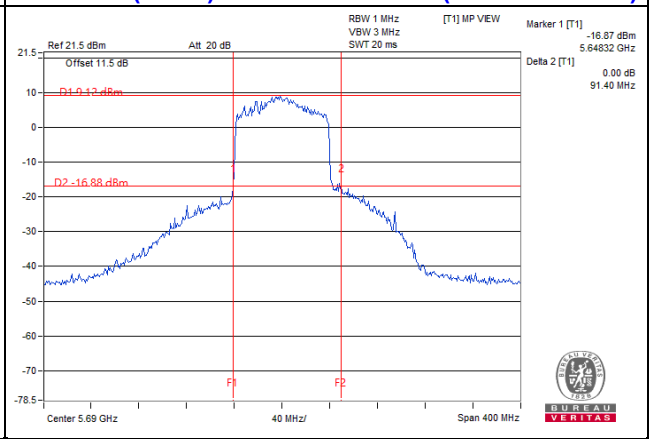


Spectrum Plot of Worst Value	
80MHz Preamble_RU996_Chain 0 / CH138 (U-NII-2C)	**160MHz Preamble_RU996_Chain 1 / CH50 (U-NII-2A)**
	

For 26dB channel straddling 5725MHz

Spectrum Plot Value of channel straddling 5725MHz	
802.11a / Chain0 : CH144 (U-NII-2C Band)	**802.11a / Chain1 : CH144 (U-NII-2C Band)**
	
802.11ac (VHT20) / Chain0 : CH144 (U-NII-2C Band)	**802.11ac (VHT20) / Chain1 : CH144 (U-NII-2C Band)**
	

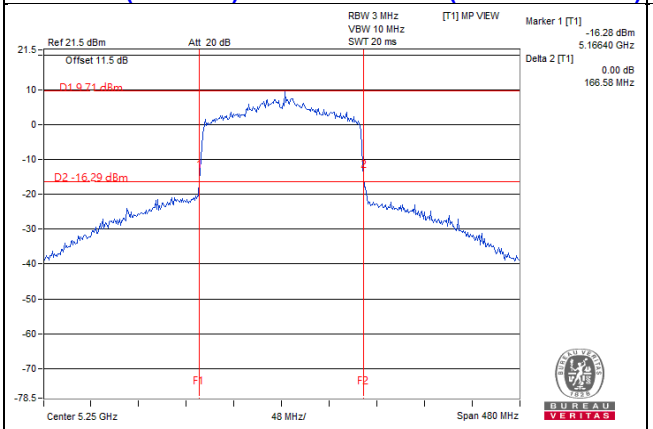
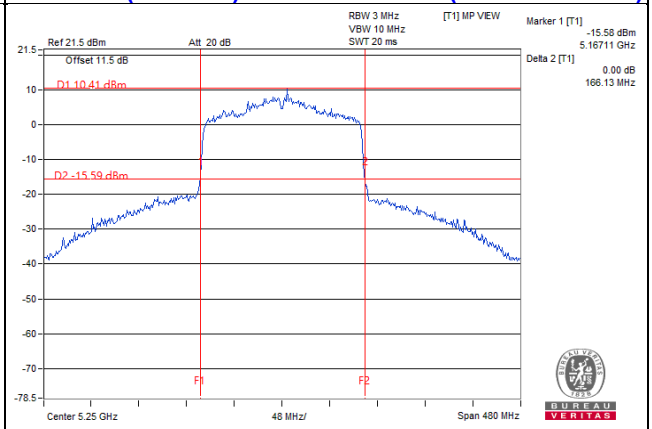
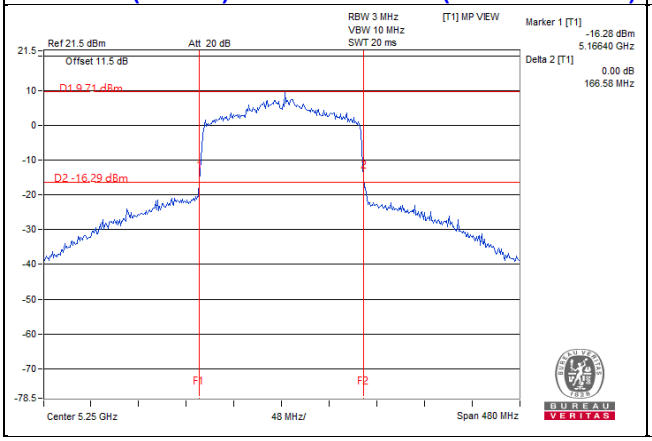
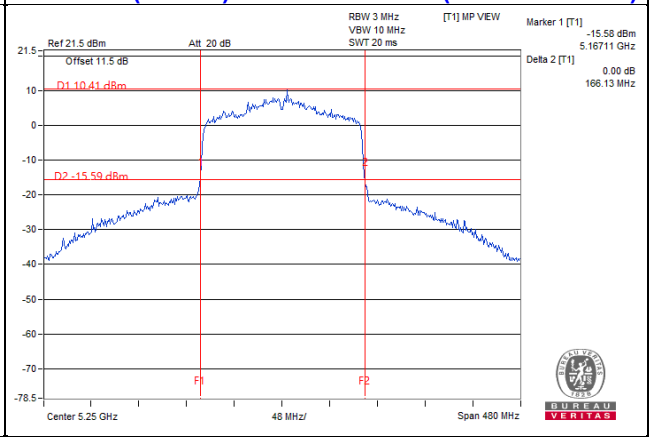
Spectrum Plot Value of channel straddling 5725MHz	
802.11ac (VHT40) / Chain0 : CH142 (U-NII-2C Band)	**802.11ac (VHT40) / Chain1 : CH142 (U-NII-2C Band)**
	
802.11ac (VHT80) / Chain0 : CH138 (U-NII-2C Band)	**802.11ac (VHT80) / Chain1 : CH138 (U-NII-2C Band)**
	

Spectrum Plot Value of channel straddling 5725MHz	
802.11ax (HE20) / Chain0 : CH144 (U-NII-2C Band)	**802.11ax (HE20) / Chain1 : CH144 (U-NII-2C Band)**
	
802.11ax (HE40) / Chain0 : CH142 (U-NII-2C Band)	**802.11ax (HE40) / Chain1 : CH142 (U-NII-2C Band)**
	
802.11ax (HE80) / Chain0 : CH138 (U-NII-2C Band)	**802.11ax (HE80) / Chain1 : CH138 (U-NII-2C Band)**
	

Note:

For CH144 (U-NII-2C) = 5725MHz - Temp 1
For CH142 (U-NII-2C) = 5725MHz - Temp 1
For CH138 (U-NII-2C) = 5725MHz - Temp 1

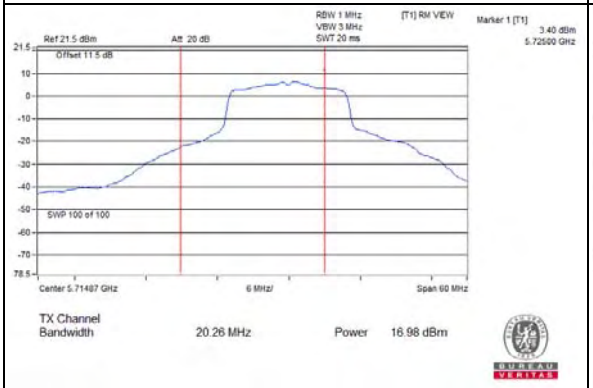
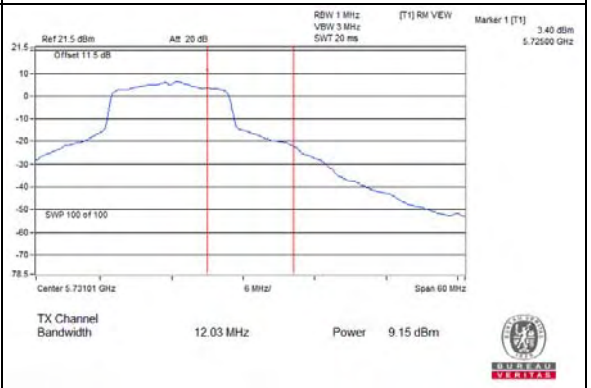
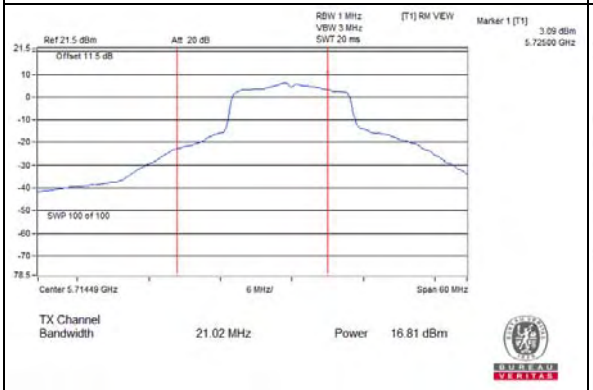
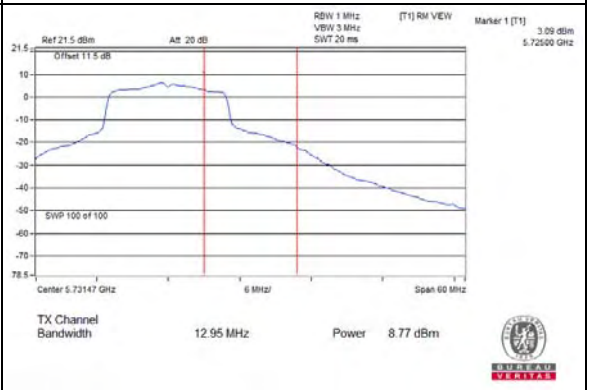
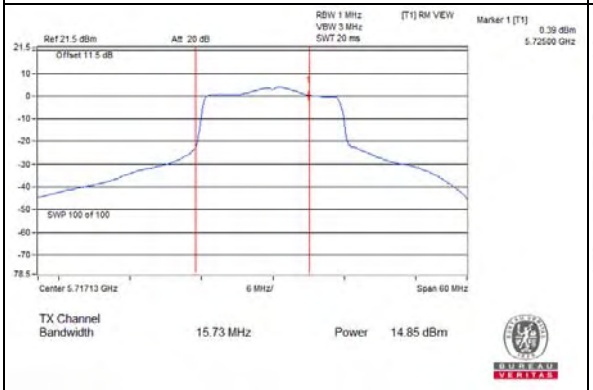
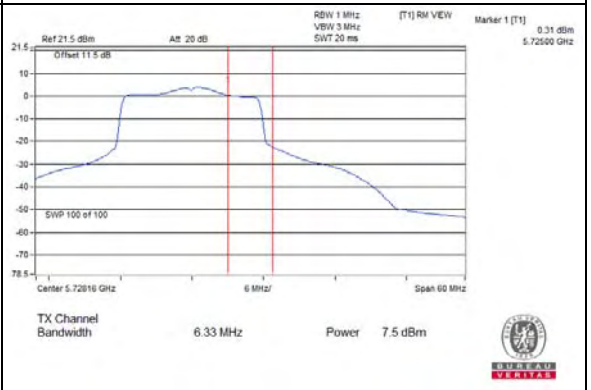
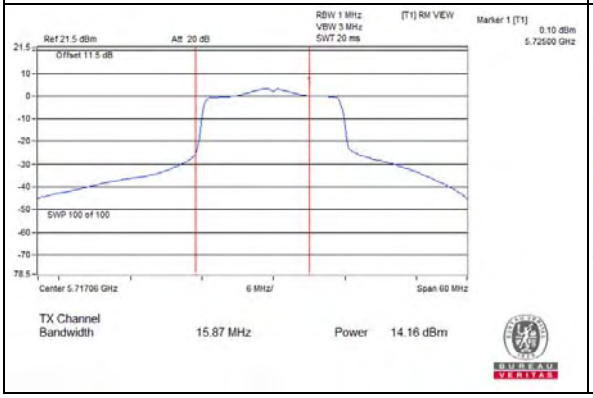
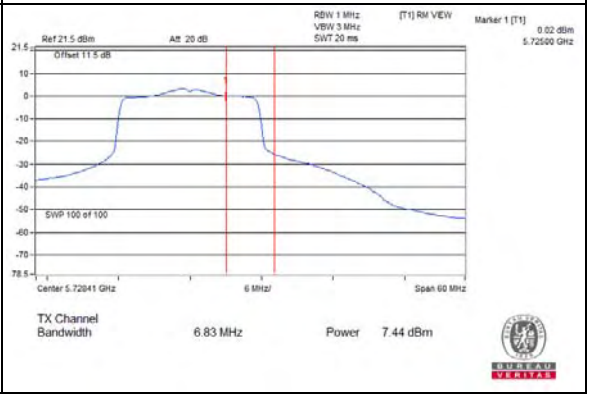
For 26dB channel straddling 5250MHz

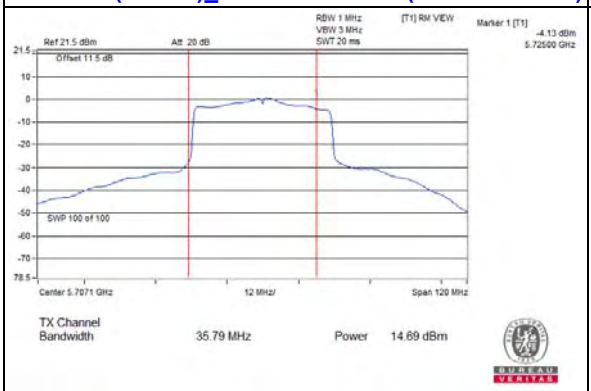
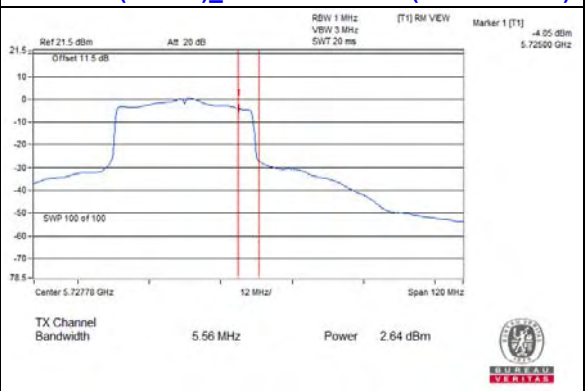
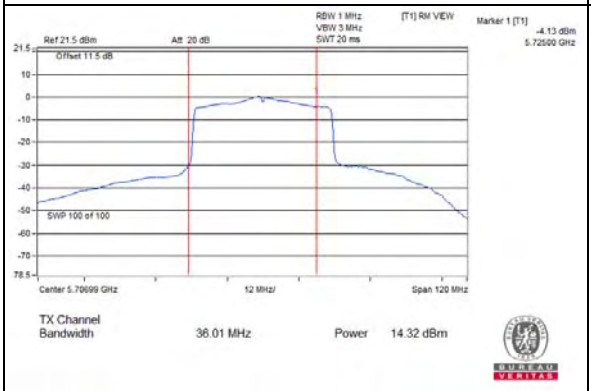
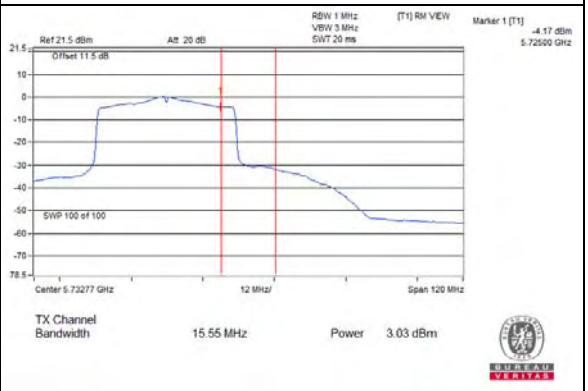
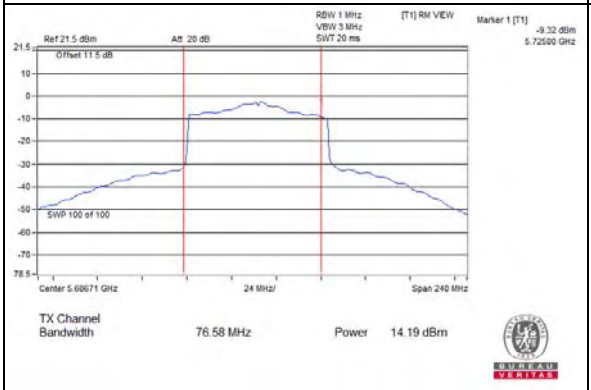
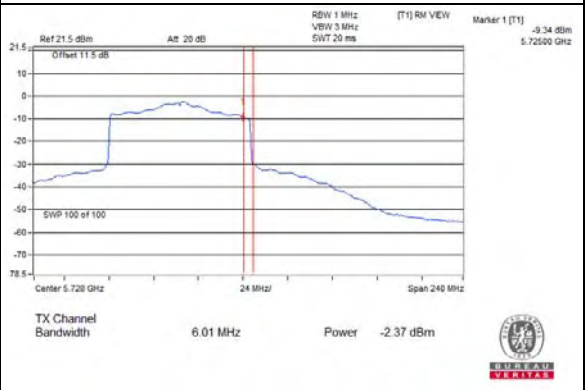
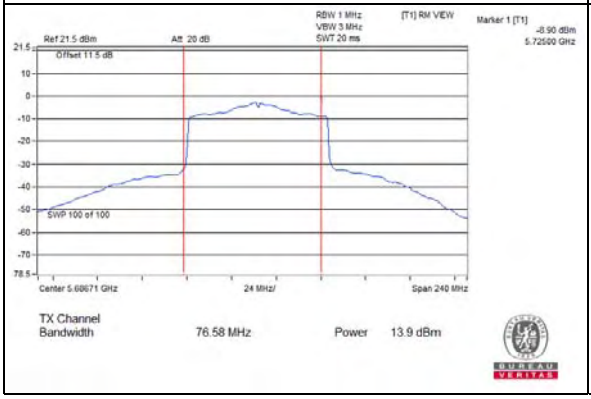
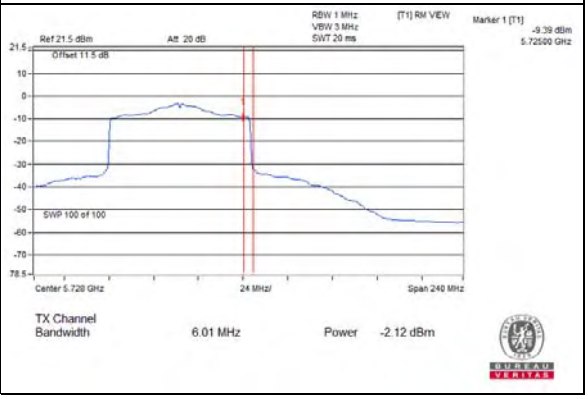
Spectrum Plot Value of channel straddling 5250MHz	
802.11ac (VHT160) / Chain0 : CH50 (U-NII-2A Band)	**802.11ac (VHT160) / Chain1 : CH50 (U-NII-2C Band)**
	
802.11ax (HE160) / Chain0 : CH50 (U-NII-2A Band)	**802.11ax (HE160) / Chain1 : CH50 (U-NII-2C Band)**
	

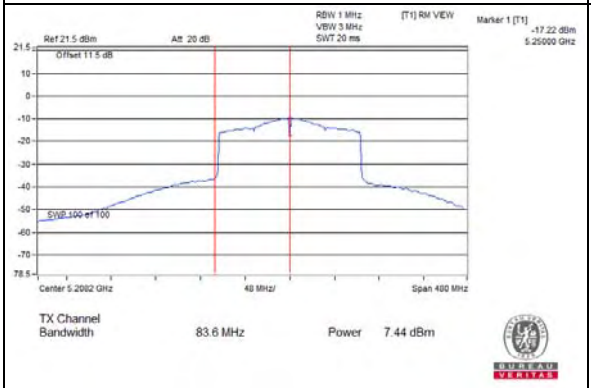
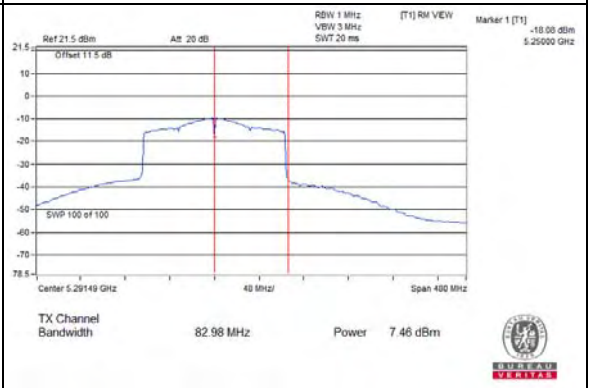
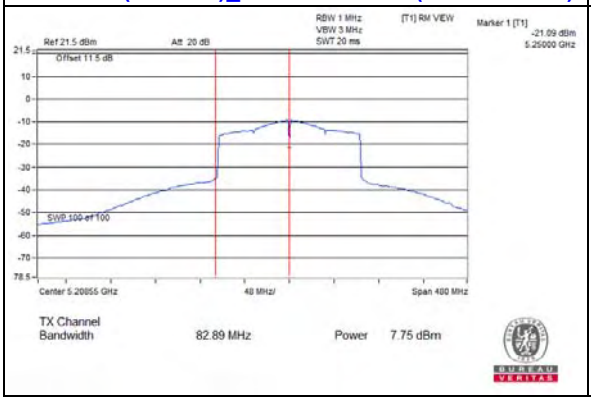
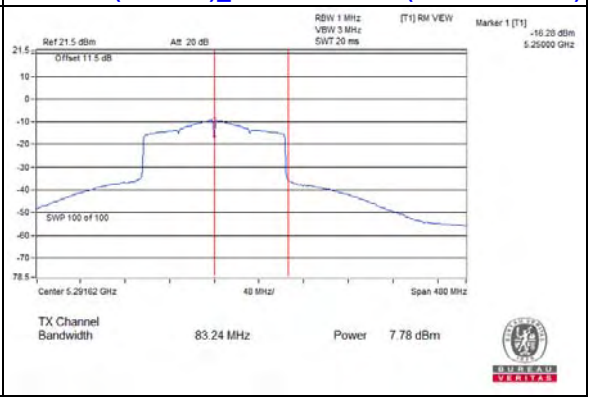
Note:

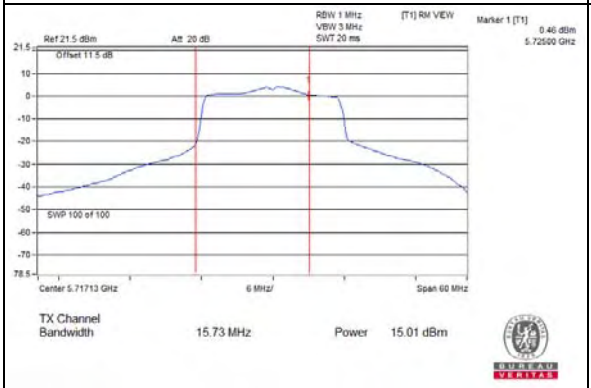
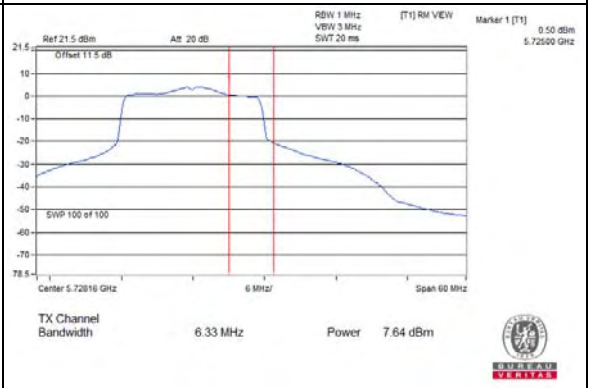
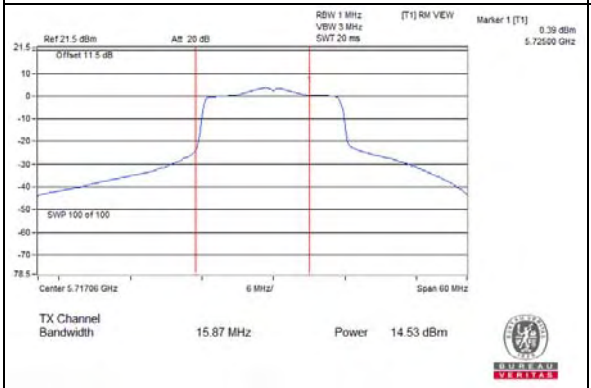
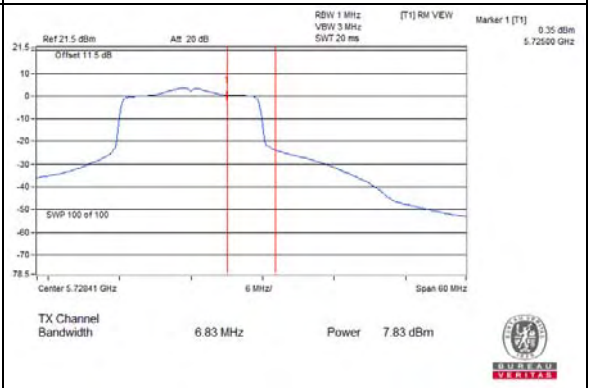
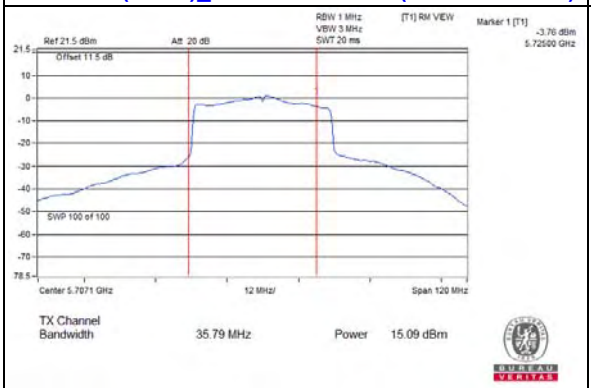
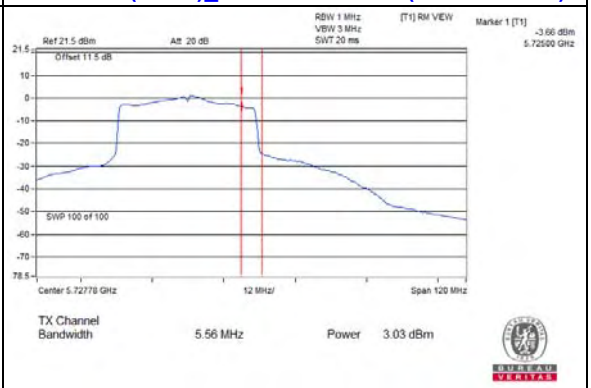
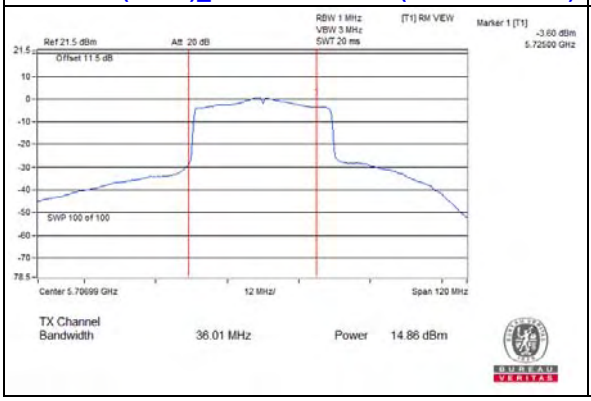
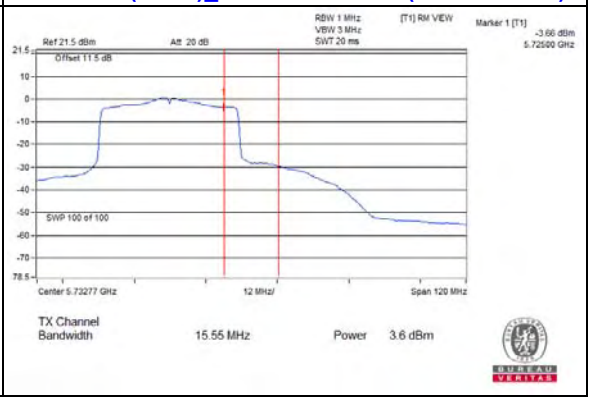
For CH50 (U-NII-2A) = 5250MHz - Marker 1

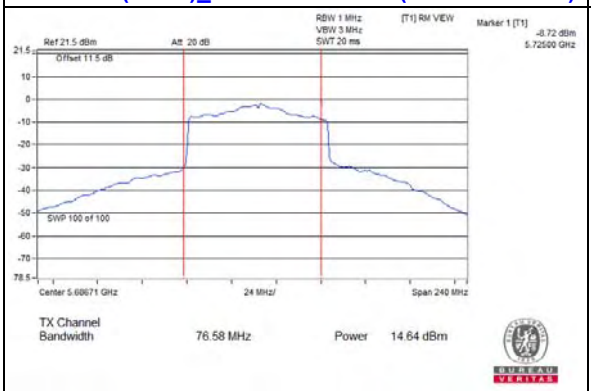
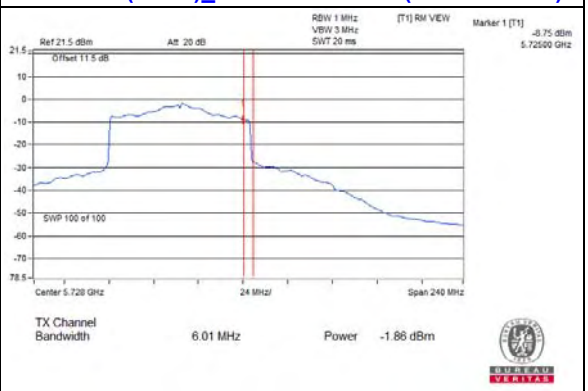
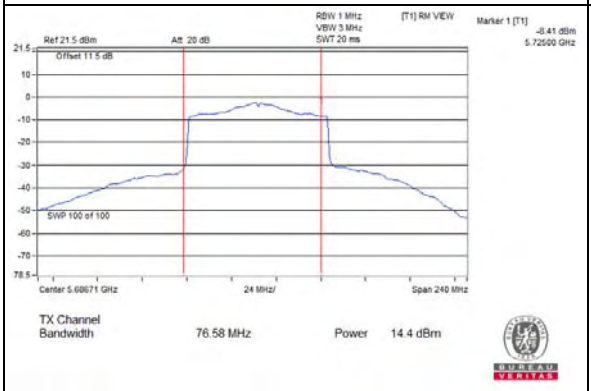
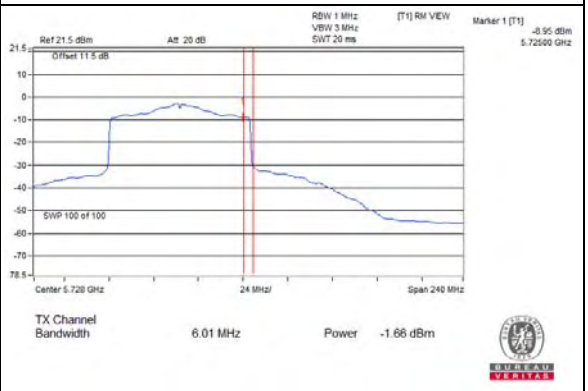
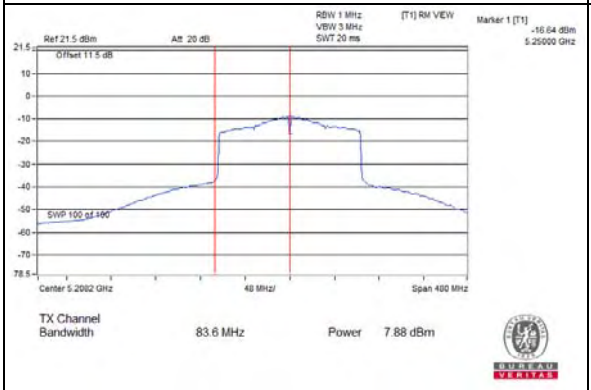
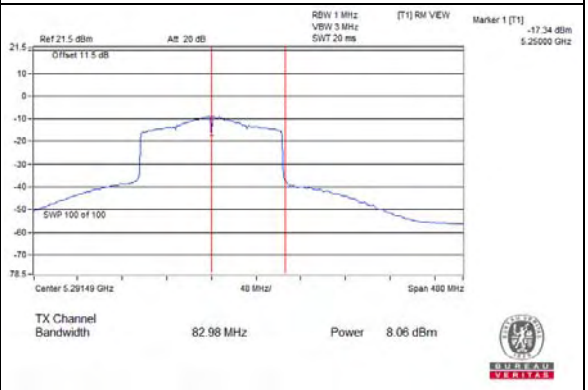
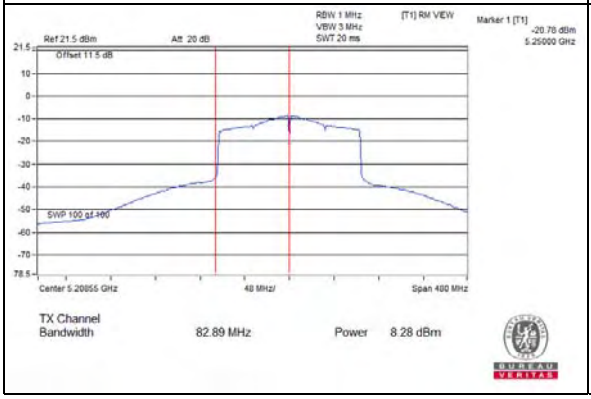
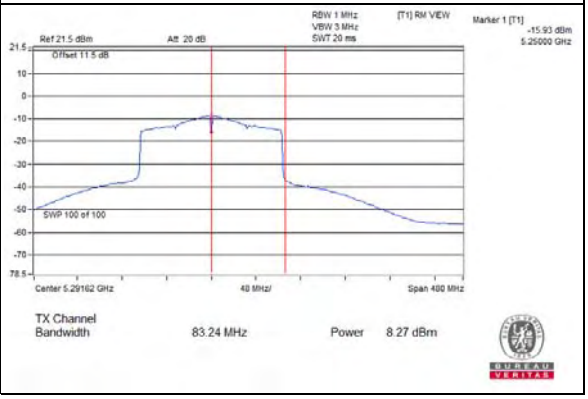
For channel straddling 5725MHz & 5250MHz of Power

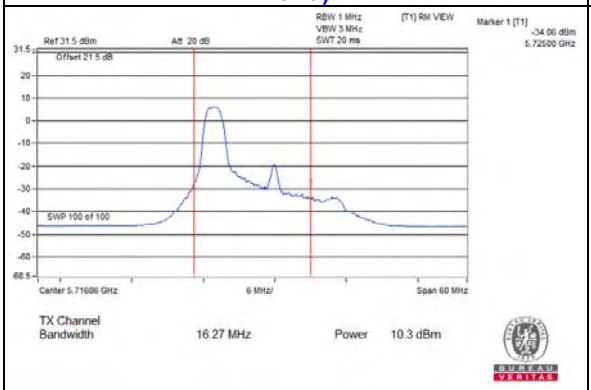
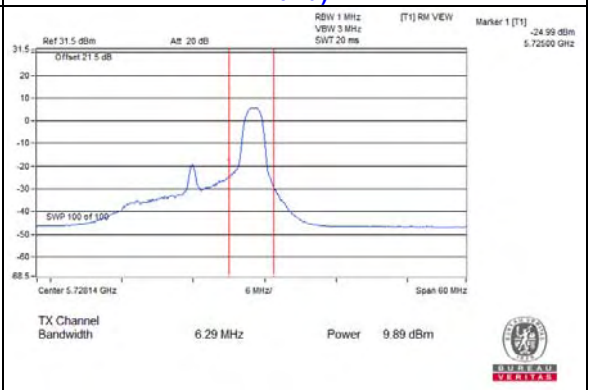
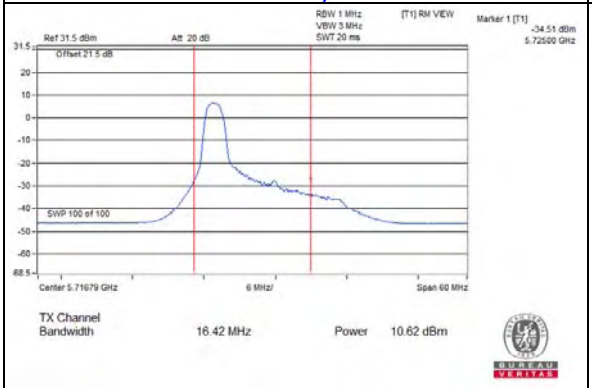
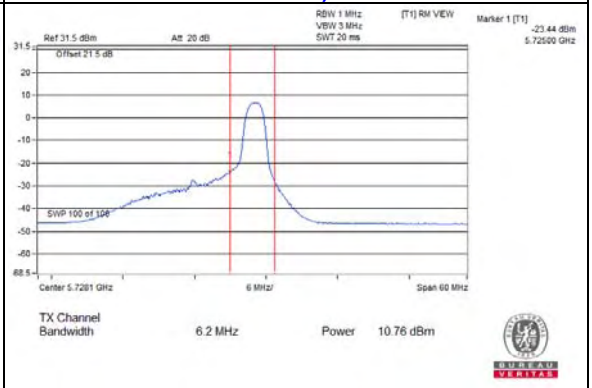
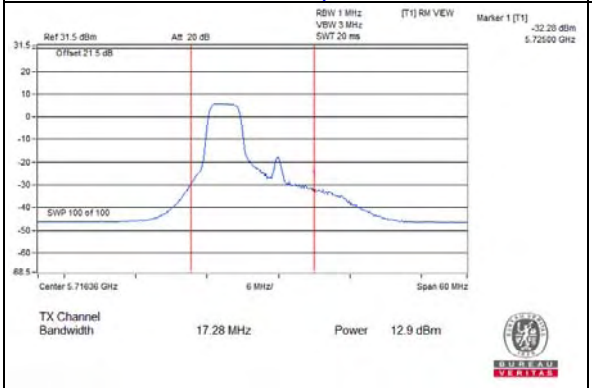
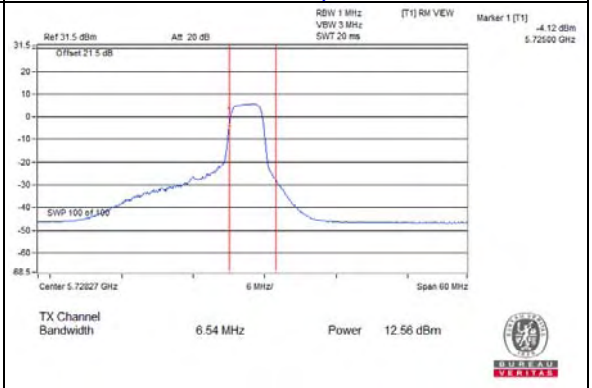
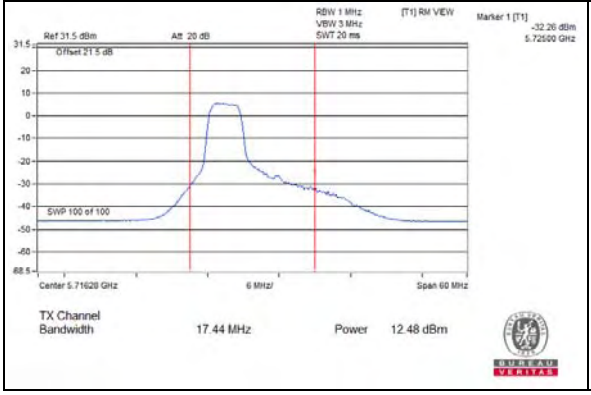
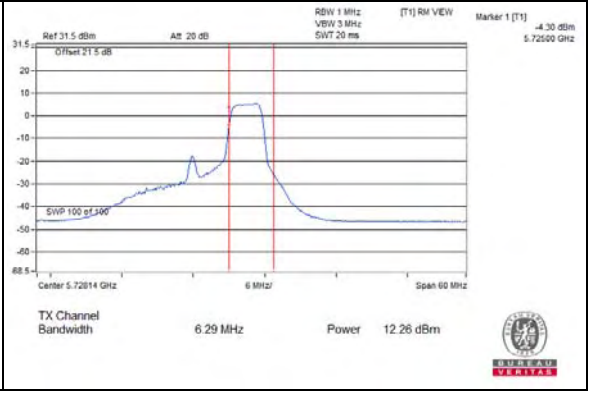
Spectrum Plot Value of Power	
802.11a_Chain 0 / CH144 (U-NII-2C Band)	**802.11a_Chain 0 / CH144 (U-NII-3 Band)**
	
802.11a_Chain 1 / CH144 (U-NII-2C Band)	**802.11a_Chain 1 / CH144 (U-NII-3 Band)**
	
802.11ac (VHT20)_Chain 0 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 0 / CH144 (U-NII-3 Band)**
	
802.11ac (VHT20)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ac (VHT20)_Chain 1 / CH144 (U-NII-3 Band)**
	

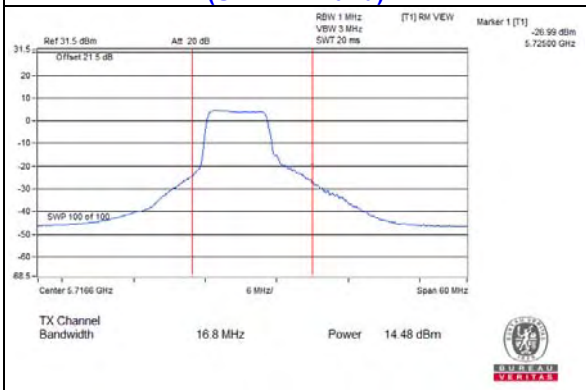
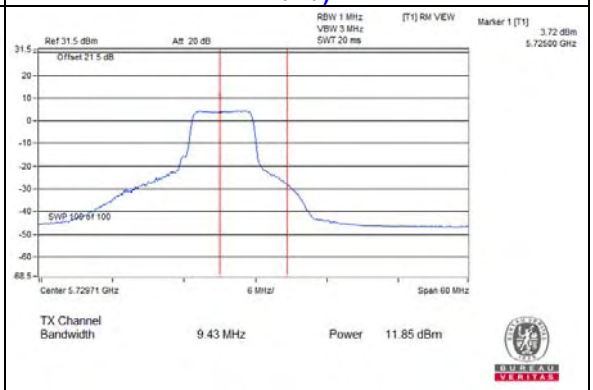
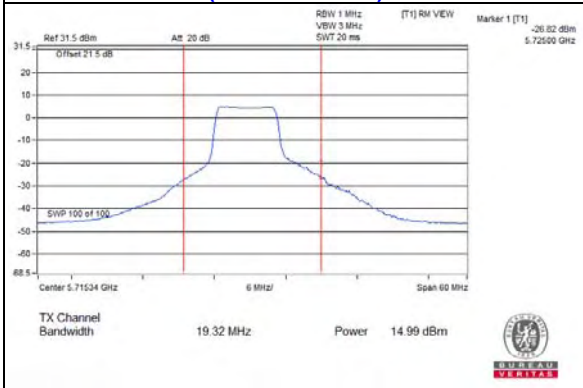
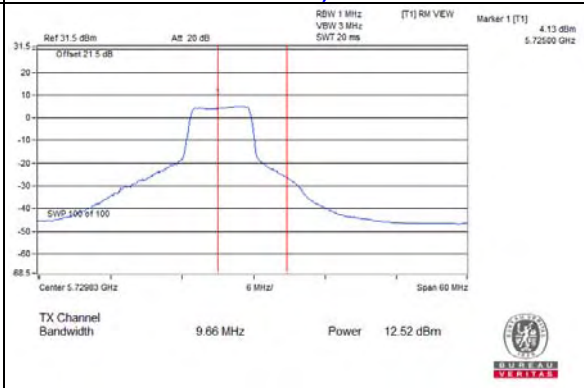
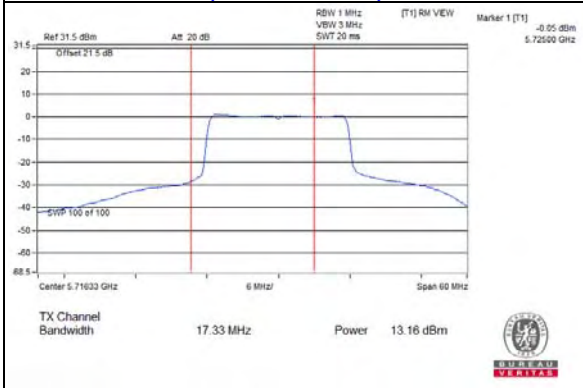
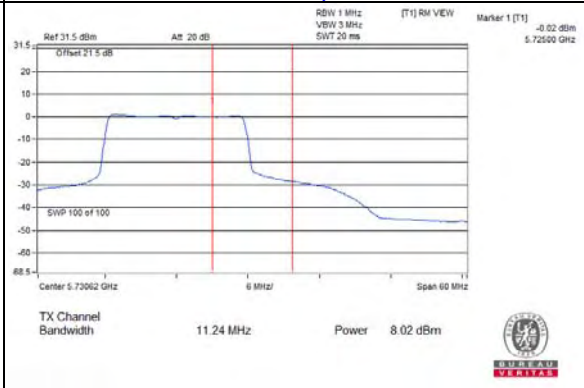
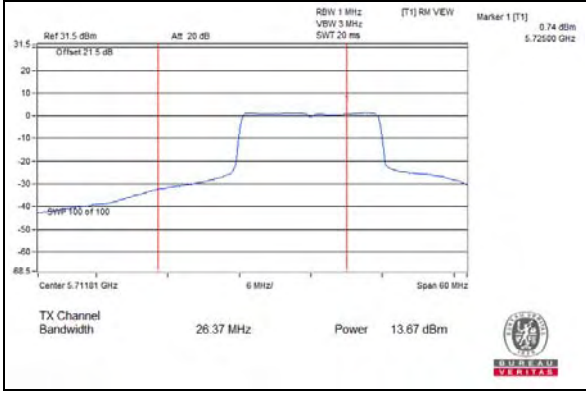
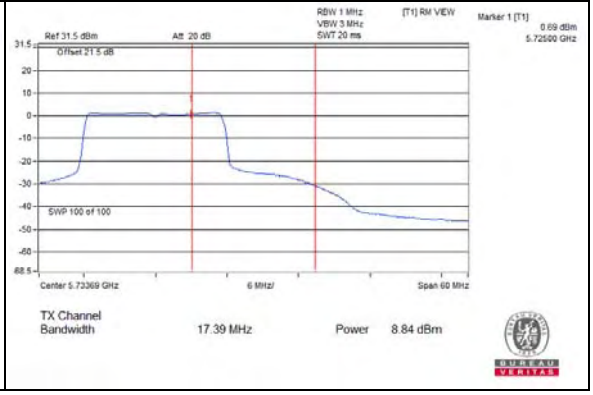
Spectrum Plot Value of Power	
802.11ac (VHT40)_Chain 0 / CH142 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 0 / CH142 (U-NII-3 Band)**
	
802.11ac (VHT40)_Chain 1 / CH142 (U-NII-2C Band)	**802.11ac (VHT40)_Chain 1 / CH142 (U-NII-3 Band)**
	
802.11ac (VHT80)_Chain 0 / CH138 (U-NII-2C Band)	**802.11ac (VHT80)_Chain 0 / CH138 (U-NII-3 Band)**
	
802.11ac (VHT80)_Chain 1 / CH138 (U-NII-2C Band)	**802.11ac (VHT80)_Chain 1 / CH138 (U-NII-3 Band)**
	

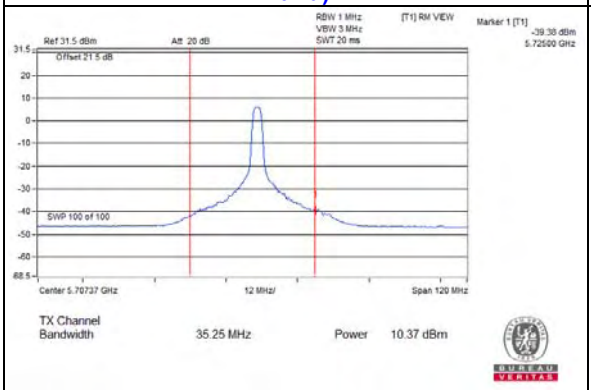
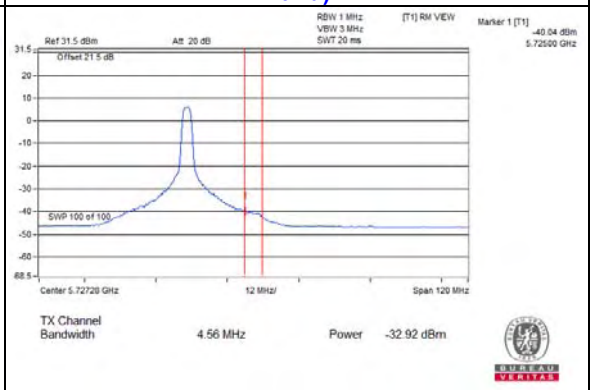
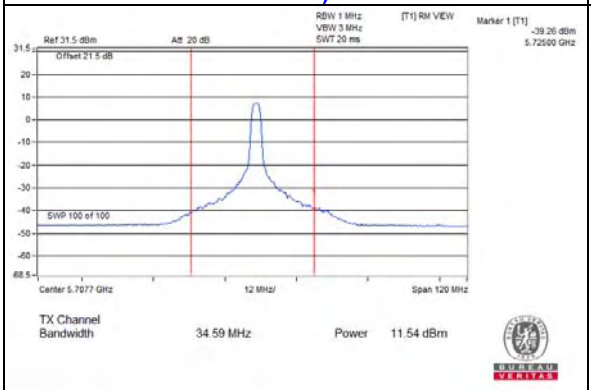
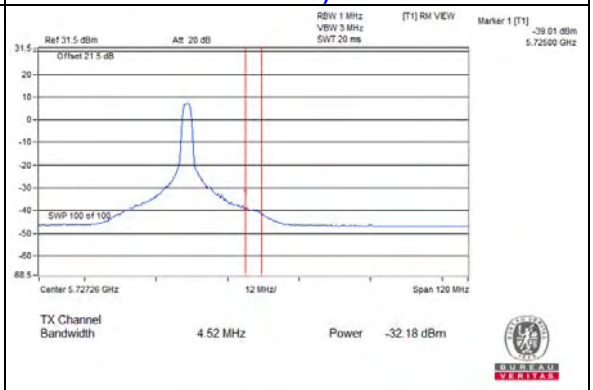
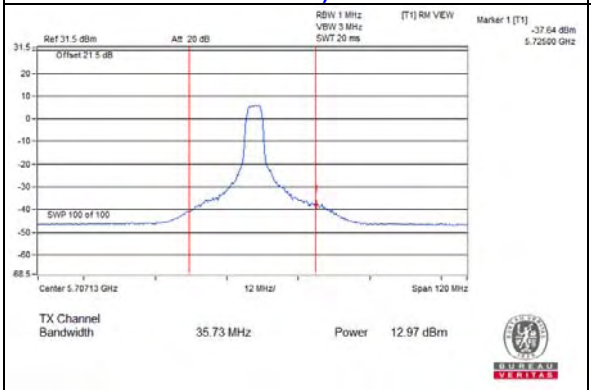
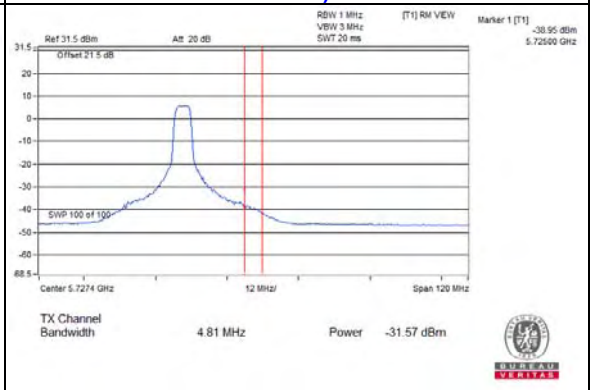
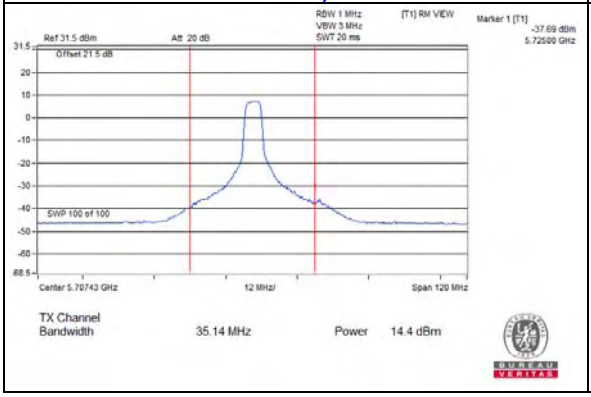
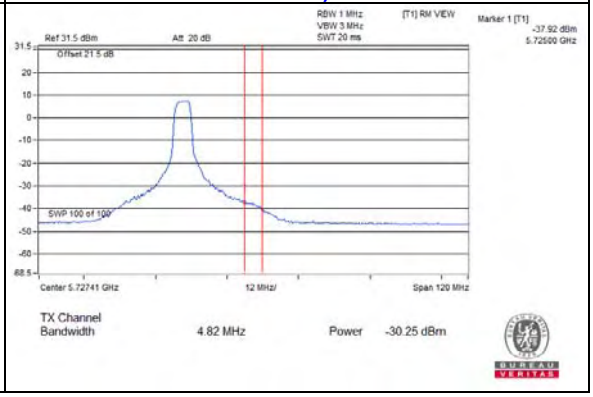
Spectrum Plot Value of Power	
802.11ac (VHT160)_Chain 0 / CH50 (U-NII-1 Band)	**802.11ac (VHT160)_Chain 0 / CH50 (U-NII-2A Band)**
	
802.11ac (VHT160)_Chain 1 / CH50 (U-NII-1 Band)	**802.11ac (VHT160)_Chain 1 / CH50 (U-NII-2A Band)**
	

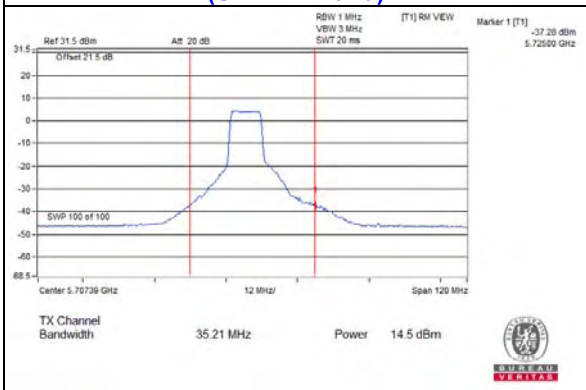
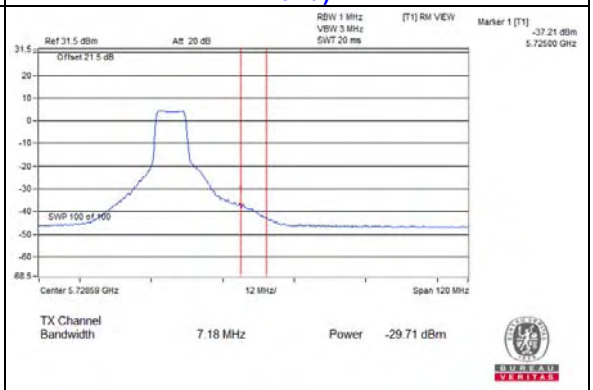
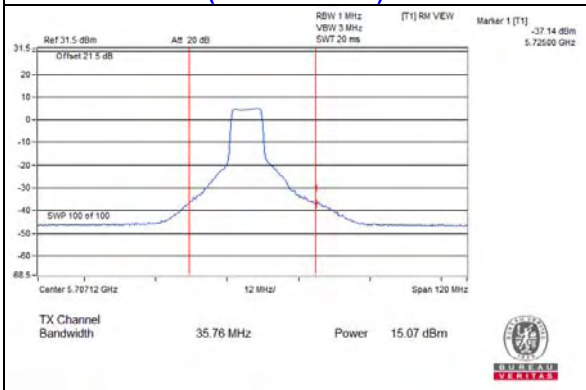
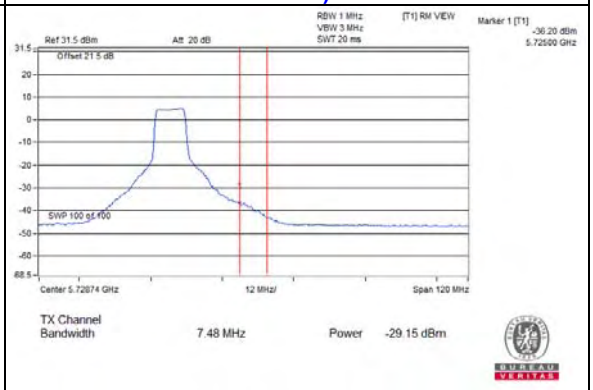
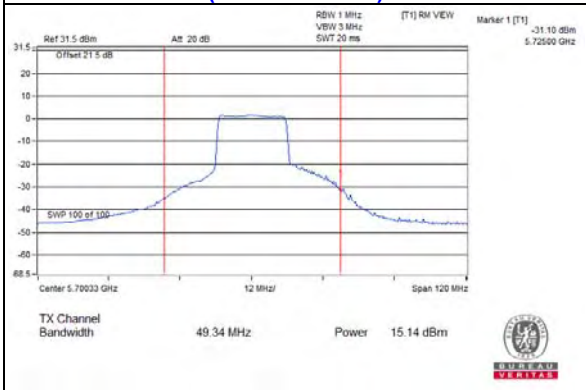
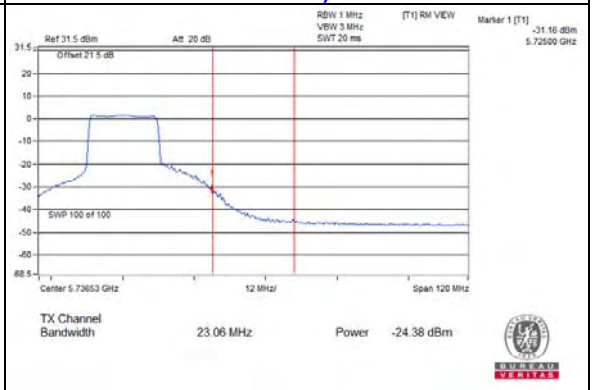
Spectrum Plot Value of Power	
802.11ax (HE20)_Chain 0 CH144 (U-NII-2C Band)	**802.11ax (HE20)_Chain 0 / CH144 (U-NII-3 Band)**
	
802.11ax (HE20)_Chain 1 / CH144 (U-NII-2C Band)	**802.11ax (HE20)_Chain 1 / CH144 (U-NII-3 Band)**
	
802.11ax (HE40)_Chain 0 / CH142 (U-NII-2C Band)	**802.11ax (HE40)_Chain 0 / CH142 (U-NII-3 Band)**
	
802.11ax (HE40)_Chain 1 / CH142 (U-NII-2C Band)	**802.11ax (HE40)_Chain 1 / CH142 (U-NII-3 Band)**
	

Spectrum Plot Value of Power	
802.11ax (HE80)_Chain 0 / CH138 (U-NII-2C Band)	**802.11ax (HE80)_Chain 0 / CH138 (U-NII-3 Band)**
	
802.11ax (HE80)_Chain 1 / CH138 (U-NII-2C Band)	**802.11ax (HE80)_Chain 1 / CH138 (U-NII-3 Band)**
	
802.11ax (HE160)_Chain 0 / CH50 (U-NII-1 Band)	**802.11ax (HE160)_Chain 0 / CH50 (U-NII-2A Band)**
	
802.11ax (HE160)_Chain 1 / CH50 (U-NII-1 Band)	**802.11ax (HE160)_Chain 1 / CH50 (U-NII-2A Band)**
	

Spectrum Plot Value of Power	
20MHz Preamble_RU26_Chain 0 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU26_Chain 0 / CH144 (U-NII-3 Band)**
	
20MHz Preamble_RU26_Chain 1 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU26_Chain 1 / CH144 (U-NII-3 Band)**
	
20MHz Preamble_RU52_Chain 0 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU52_Chain 0 / CH144 (U-NII-3 Band)**
	
20MHz Preamble_RU52_Chain 1 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU52_Chain 1 / CH144 (U-NII-3 Band)**
	

Spectrum Plot Value of Power	
20MHz Preamble_RU106_Chain 0 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU106_Chain 0 / CH144 (U-NII-3 Band)**
	
20MHz Preamble_RU106_Chain 1 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU106_Chain 1 / CH144 (U-NII-3 Band)**
	
20MHz Preamble_RU242_Chain 0 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU242_Chain 0 / CH144 (U-NII-3 Band)**
	
20MHz Preamble_RU242_Chain 1 / CH144 (U-NII-2C Band)	**20MHz Preamble_RU242_Chain 1 / CH144 (U-NII-3 Band)**
	

Spectrum Plot Value of Power	
40MHz Preamble_RU26_Chain 0 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU26_Chain 0 / CH142 (U-NII-3 Band)**
	
40MHz Preamble_RU26_Chain 1 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU26_Chain 1 / CH142 (U-NII-3 Band)**
	
40MHz Preamble_RU52_Chain 0 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU52_Chain 0 / CH142 (U-NII-3 Band)**
	
40MHz Preamble_RU52_Chain 1 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU52_Chain 1 / CH142 (U-NII-3 Band)**
	

Spectrum Plot Value of Power	
40MHz Preamble_RU106_Chain 0 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU106_Chain 0 / CH142 (U-NII-3 Band)**
	
40MHz Preamble_RU106_Chain 1 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU106_Chain 1 / CH142 (U-NII-3 Band)**
	
40MHz Preamble_RU242_Chain 0 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU242_Chain 0 / CH142 (U-NII-3 Band)**
	
40MHz Preamble_RU242_Chain 1 / CH142 (U-NII-2C Band)	**40MHz Preamble_RU242_Chain 1 / CH142 (U-NII-3 Band)**