

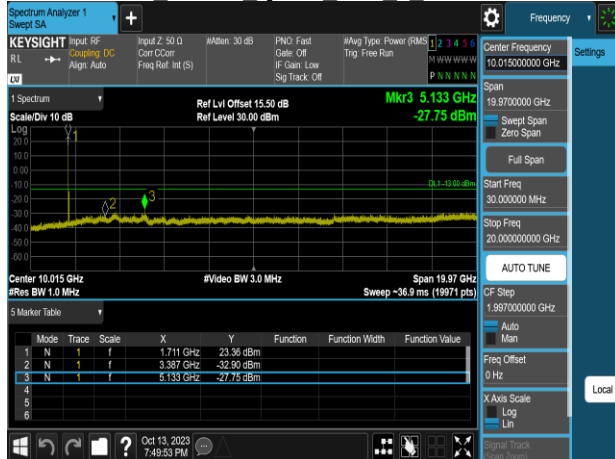


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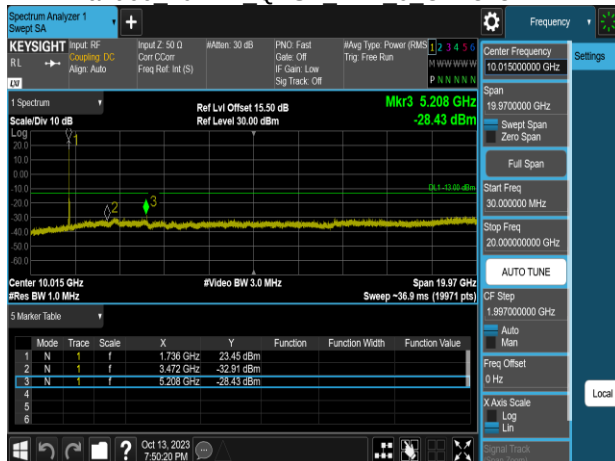
Band66 20MHz QPSK RB1 0 CH132072



Band71 20MHz QPSK RB1 0 CH133222



Band66 20MHz QPSK RB1 0 CH132322



Band71 20MHz QPSK RB1 0 CH133297



Band66 20MHz QPSK RB1 0 CH132572



Band71 20MHz QPSK RB1 0 CH133372



8.6 SPURIOUS RADIATION MEASUREMENT

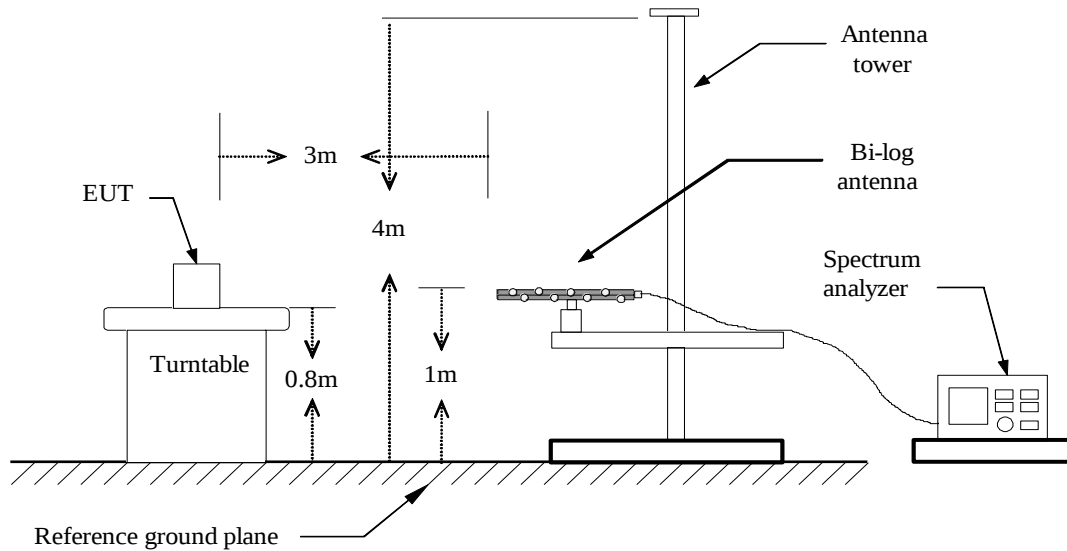
LIMIT

According to FCC §2.1053

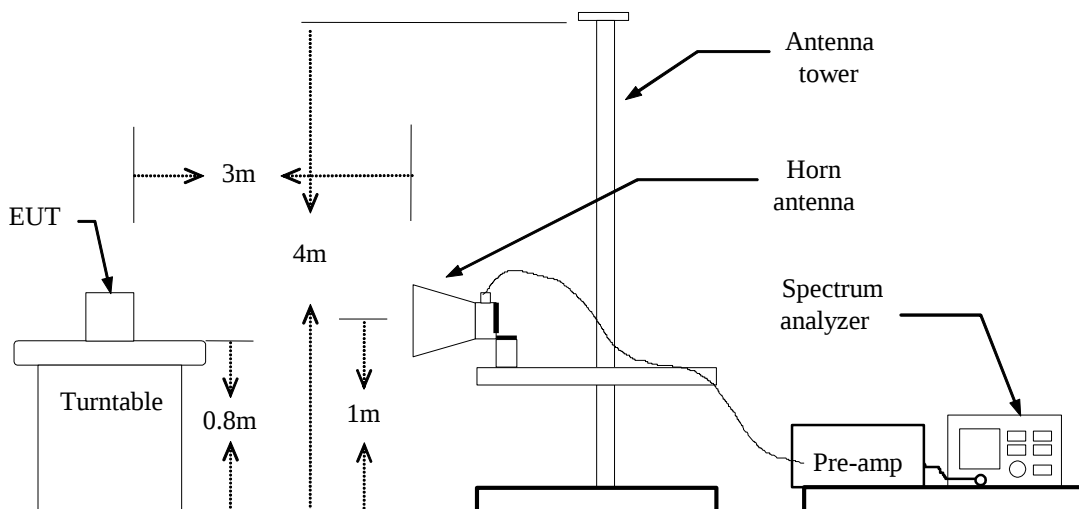
The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

Test Configuration

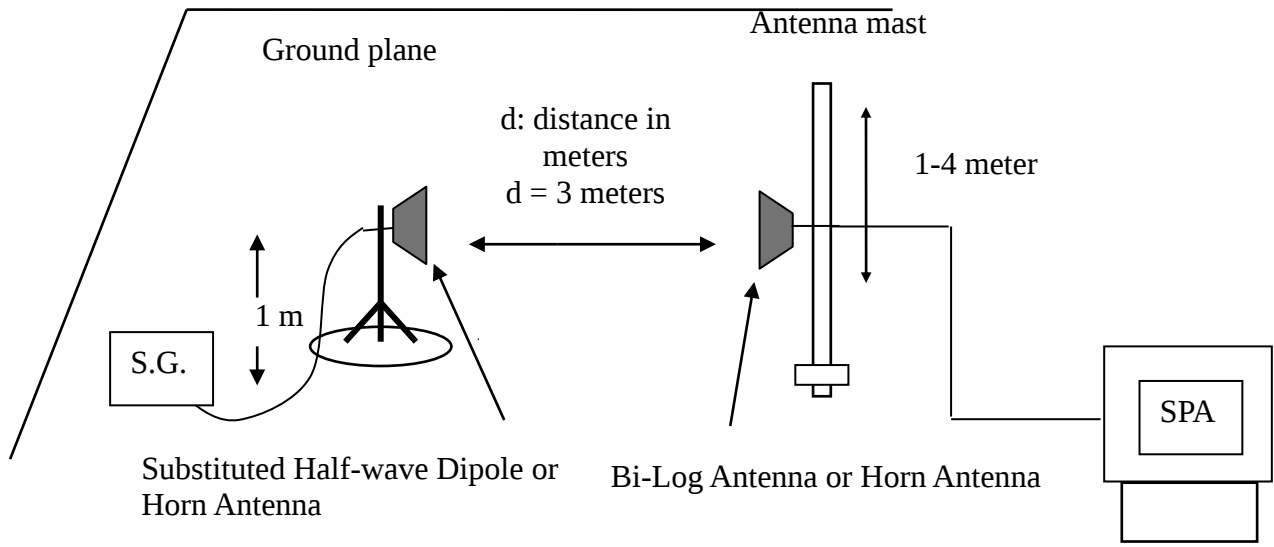
Below 1 GHz



Above 1 GHz



Substituted Method Test Set-up



TEST PROCEDURE

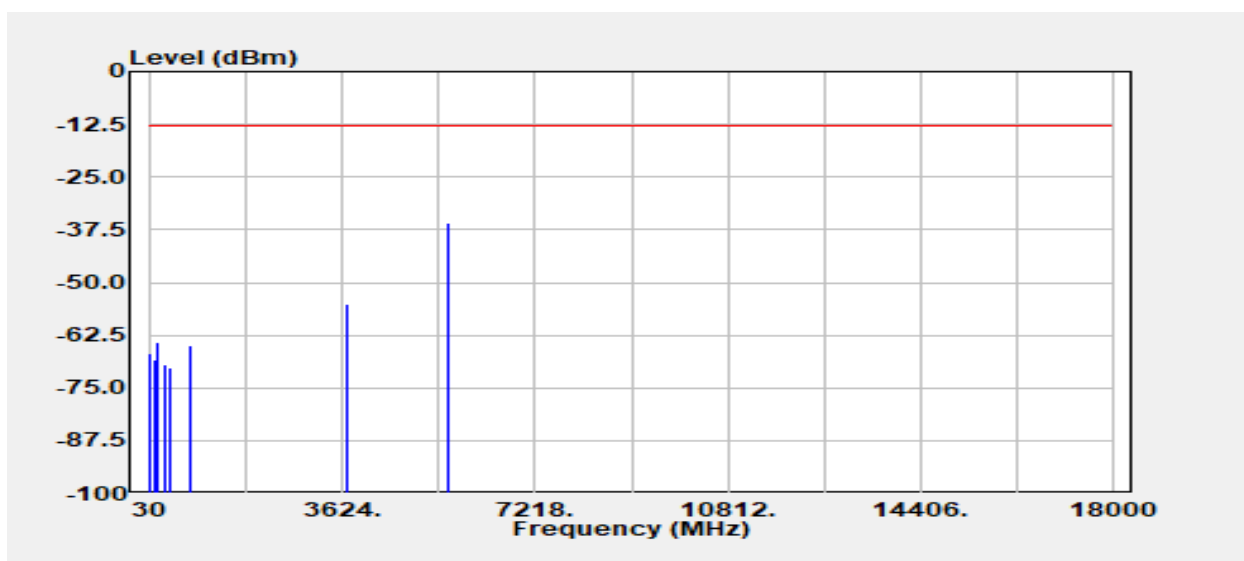
1. According to KDB 971168 D01 and ANSI C63.26.
2. The EUT was placed on a turntable
 - (1) Below 1G : 0.8m
 - (2) Above 1G : 1.5m
 - (3) EUT set 3m from the receiving antenna
 - (4) The table was rotated 360 degrees of the highest spurious emission to determine the position.
3. Set the spectrum analyzer , RBW=1MHz, VBW=3MHz.
4. A horn antenna was driven by a signal generator.
5. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission

TEST RESULTS

Refer to the attached tabular data sheets.

TEST RESULTS

Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band2_CH18675_15M_QPSK(1,74)	Temp./Humi.	:24.6/57
Frequency	:1857.5 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
63.85	-66.87	-59.30	-7.44	0.13	-13.00	-53.87
135.63	-68.30	-61.59	-6.51	0.20	-13.00	-55.30
199.85	-64.33	-61.77	-2.31	0.25	-13.00	-51.33
306.74	-69.47	-69.70	0.55	0.32	-13.00	-56.47
441.57	-70.30	-70.25	0.36	0.41	-13.00	-57.30
801.73	-64.96	-65.41	1.04	0.59	-13.00	-51.96
3735.00	-55.12	-61.68	7.80	1.24	-13.00	-42.12
5602.50	-35.83	-44.66	10.31	1.48	-13.00	-22.83

Remark:

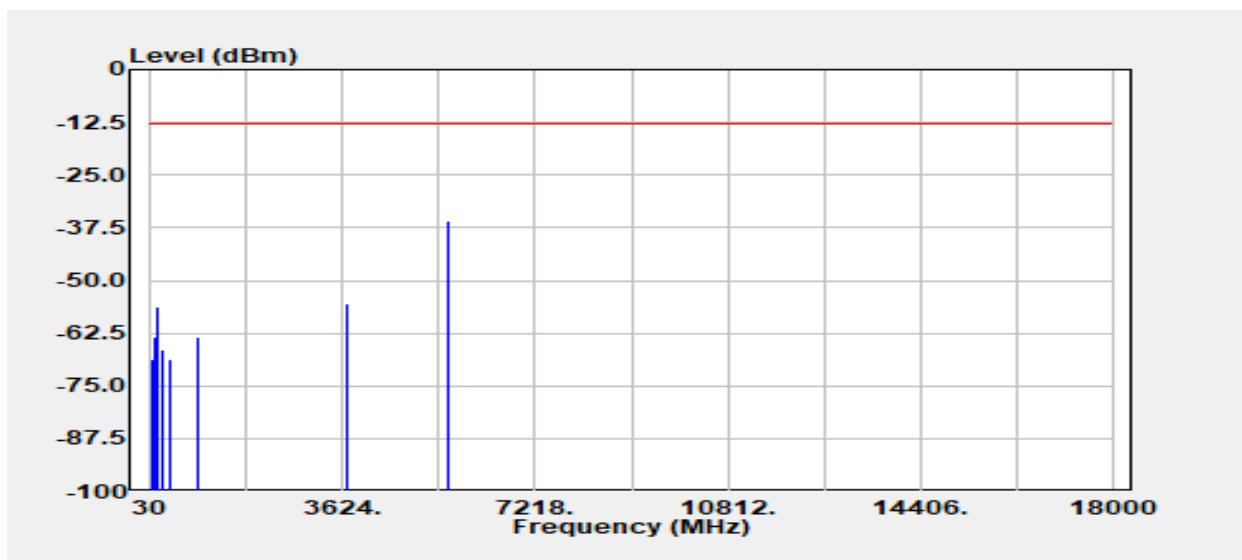
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band2_CH18675_
15M_QPSK(1,74)
Frequency :1857.5 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
97.80	-68.77	-63.02	-5.58	0.17	-13.00	-55.77
134.95	-63.53	-56.59	-6.74	0.20	-13.00	-50.53
198.78	-56.12	-53.61	-2.26	0.25	-13.00	-43.12
305.87	-66.60	-66.83	0.55	0.32	-13.00	-53.60
444.48	-68.59	-68.58	0.41	0.42	-13.00	-55.59
923.08	-63.35	-64.01	1.30	0.64	-13.00	-50.35
3735.00	-55.57	-62.13	7.80	1.24	-13.00	-42.57
5602.50	-36.03	-44.86	10.31	1.48	-13.00	-23.03

Remark:

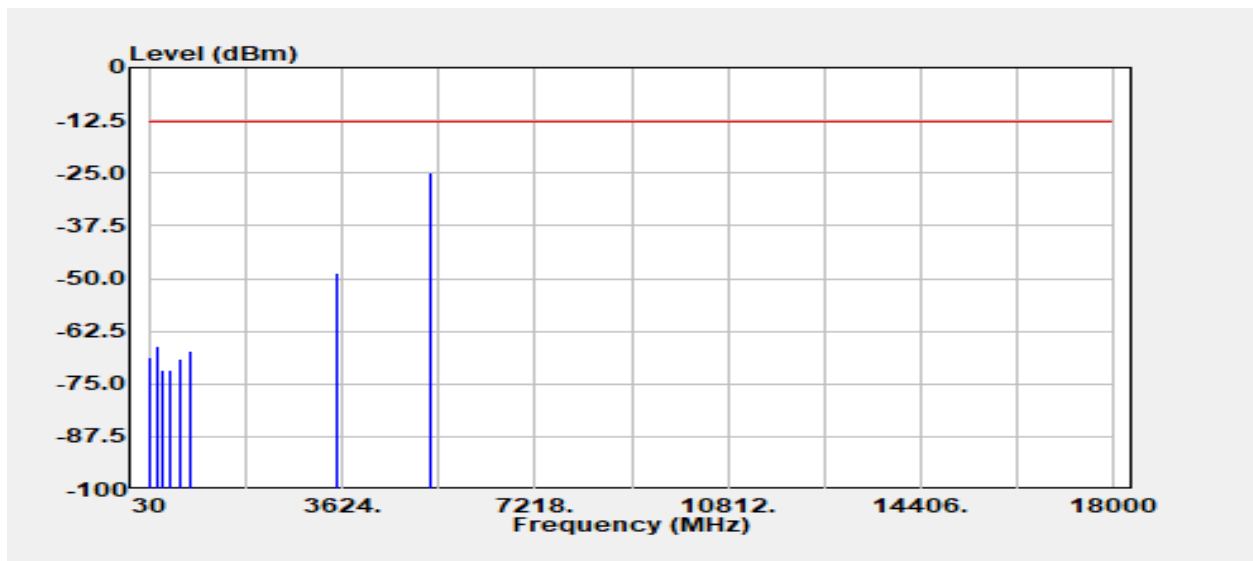
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band4_CH20350_10M_QPSK(1,49)	Temp./Humi.	:24.6/57
Frequency	:1750 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
63.85	-68.74	-61.17	-7.44	0.13	-13.00	-55.74
198.88	-66.06	-63.55	-2.26	0.25	-13.00	-53.06
304.90	-71.87	-72.09	0.54	0.32	-13.00	-58.87
439.73	-71.87	-71.79	0.34	0.41	-13.00	-58.87
604.34	-68.88	-69.88	1.51	0.50	-13.00	-55.88
784.95	-67.24	-67.51	0.85	0.58	-13.00	-54.24
3508.80	-48.75	-55.33	7.78	1.20	-13.00	-35.75
5263.20	-24.85	-33.41	10.00	1.44	-13.00	-11.85

Remark:

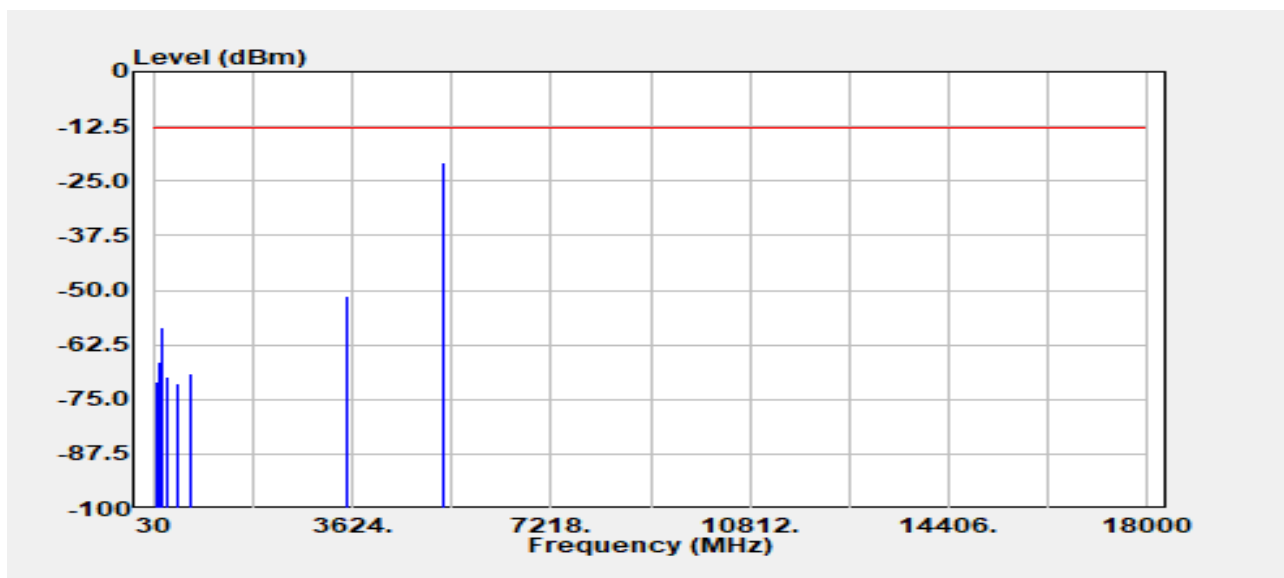
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band4_CH20350_
10M_QPSK(1,49)
Frequency :1750 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
79.96	-71.01	-65.76	-5.09	0.15	-13.00	-58.01
134.47	-66.30	-59.39	-6.72	0.20	-13.00	-53.30
196.74	-58.52	-56.24	-2.04	0.25	-13.00	-45.52
303.64	-69.68	-69.88	0.53	0.32	-13.00	-56.68
455.25	-71.33	-71.42	0.51	0.42	-13.00	-58.33
725.68	-69.04	-69.54	1.05	0.55	-13.00	-56.04
3508.80	-51.14	-57.72	7.78	1.20	-13.00	-38.14
5263.20	-20.79	-29.34	10.00	1.44	-13.00	-7.79

Remark:

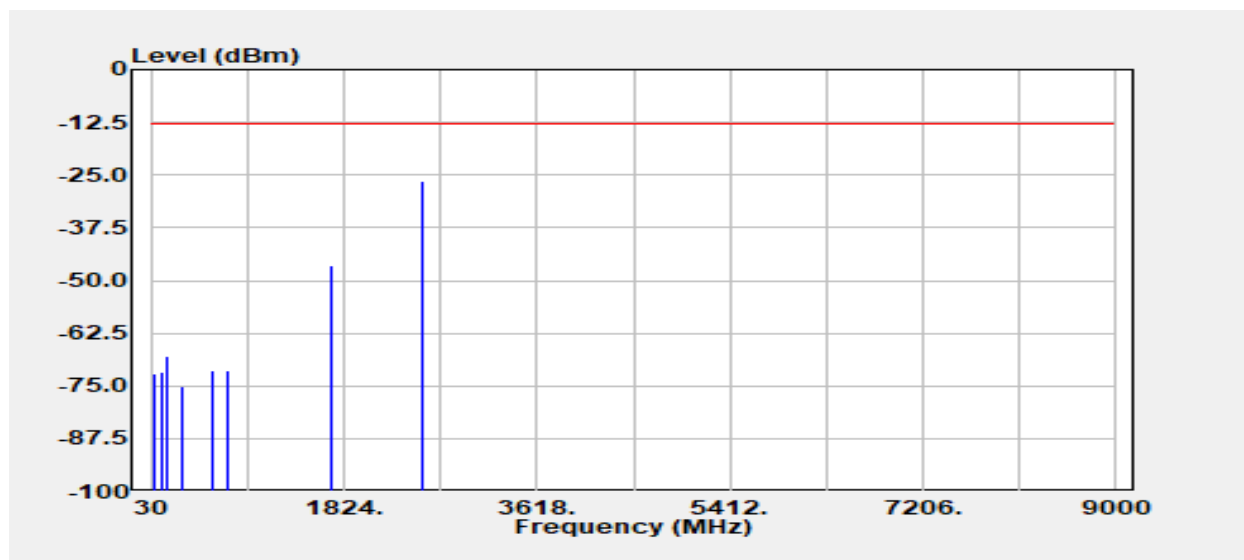
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band5_CH20600_
10M_QPSK(1,49)
Frequency :844 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
56.09	-72.09	-64.18	-7.79	0.12	-13.00	-59.09
142.04	-71.74	-65.84	-5.70	0.20	-13.00	-58.74
191.02	-68.02	-66.26	-1.52	0.24	-13.00	-55.02
310.62	-74.97	-75.21	0.57	0.33	-13.00	-61.97
596.67	-71.36	-72.43	1.57	0.50	-13.00	-58.36
742.08	-71.19	-71.65	1.02	0.56	-13.00	-58.19
1696.80	-46.60	-51.27	5.52	0.85	-13.00	-33.60
2545.20	-26.50	-31.34	5.87	1.03	-13.00	-13.50

Remark:

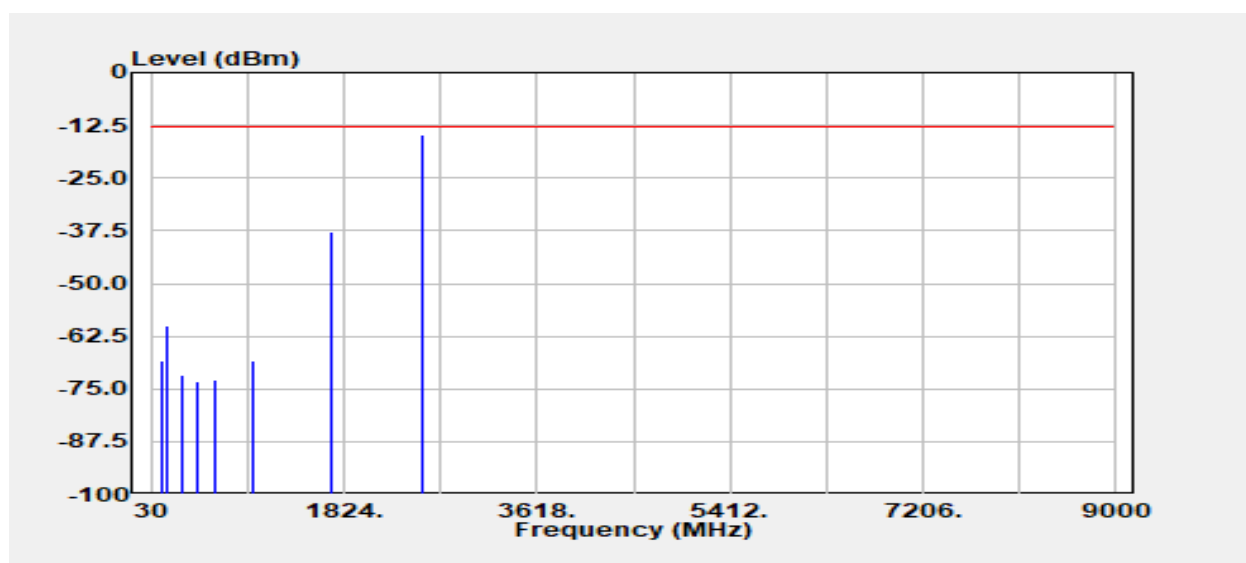
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band5_CH20600_
10M_QPSK(1,49)
Frequency :844 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
139.80	-68.18	-62.11	-5.87	0.20	-13.00	-55.18
191.12	-60.04	-58.27	-1.53	0.24	-13.00	-47.04
316.54	-71.62	-71.85	0.56	0.33	-13.00	-58.62
462.23	-73.12	-73.06	0.37	0.43	-13.00	-60.12
634.21	-72.76	-73.06	0.81	0.51	-13.00	-59.76
968.48	-68.39	-69.09	1.35	0.65	-13.00	-55.39
1696.80	-37.66	-42.33	5.52	0.85	-13.00	-24.66
2545.20	-14.58	-19.42	5.87	1.03	-13.00	-1.58

Remark:

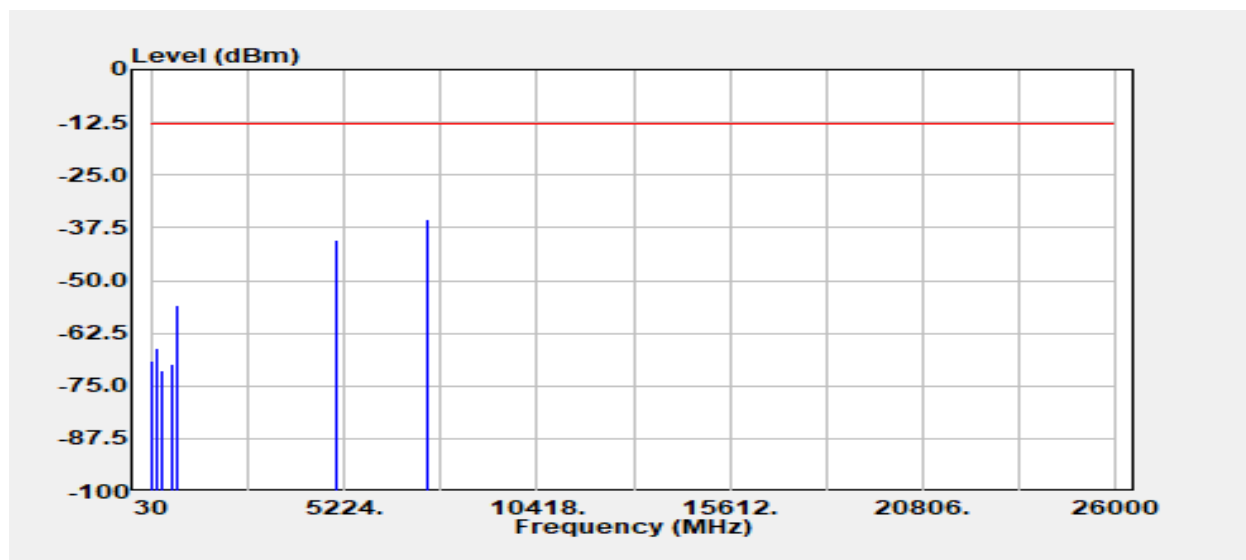
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band7_CH20850_20M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:2510 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
63.95	-68.91	-61.35	-7.43	0.13	-13.00	-55.91
196.55	-66.19	-63.91	-2.03	0.25	-13.00	-53.19
308.78	-71.48	-71.72	0.57	0.33	-13.00	-58.48
333.13	-72.14	-72.61	0.81	0.34	-13.00	-59.14
581.64	-69.88	-70.38	0.99	0.49	-13.00	-56.88
745.67	-55.68	-56.12	1.01	0.56	-13.00	-42.68
5002.20	-40.33	-48.62	9.71	1.41	-13.00	-27.33
7503.30	-35.56	-45.78	11.89	1.67	-13.00	-22.56

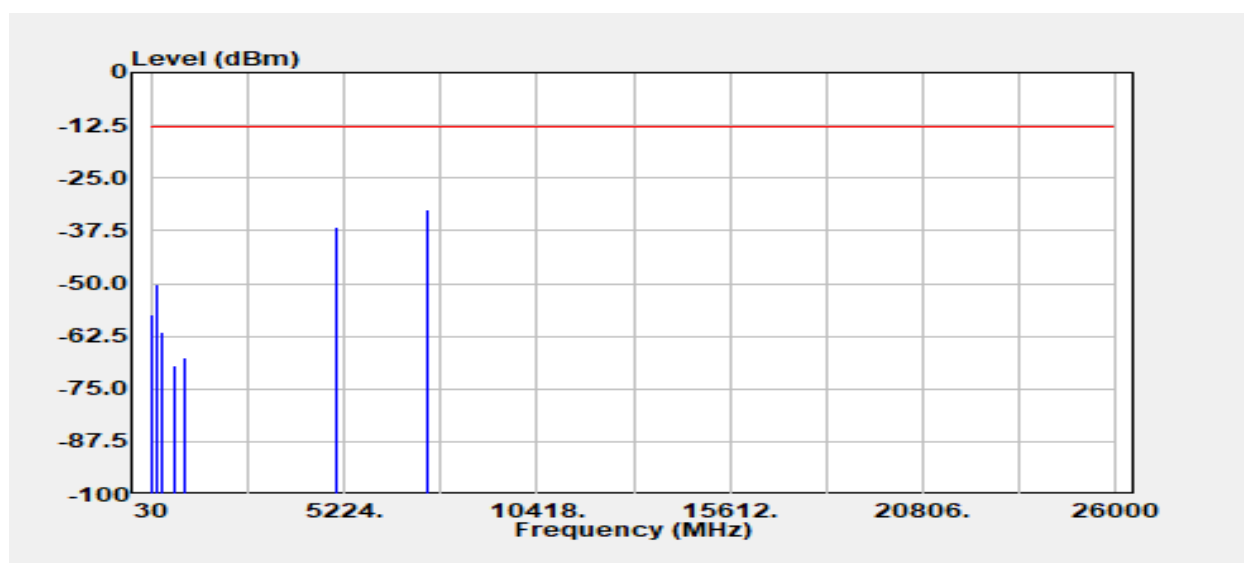
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band7_CH20850_20M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:2510 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
30.68	-57.24	-30.58	-26.57	0.09	-13.00	-44.24
164.73	-50.00	-46.52	-3.26	0.22	-13.00	-37.00
198.78	-58.48	-55.97	-2.26	0.25	-13.00	-45.48
331.86	-61.57	-62.01	0.78	0.34	-13.00	-48.57
646.53	-69.58	-69.91	0.84	0.52	-13.00	-56.58
932.68	-67.46	-67.96	1.14	0.64	-13.00	-54.46
5002.20	-36.57	-44.87	9.71	1.41	-13.00	-23.57
7503.30	-32.57	-42.79	11.89	1.67	-13.00	-19.57

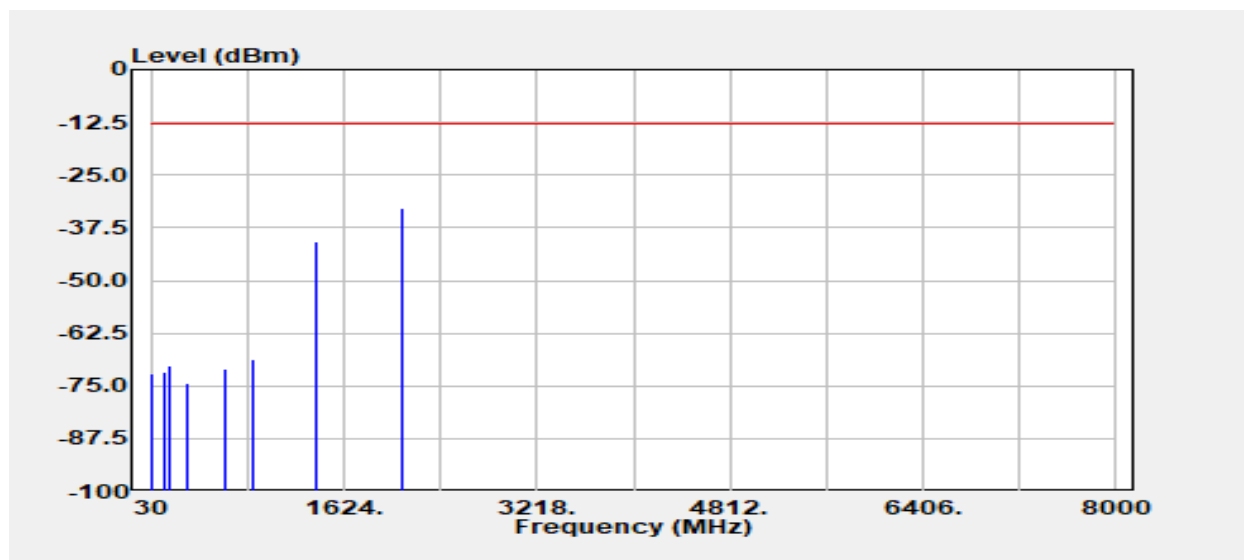
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band12_CH23060_ 10M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:704 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
45.23	-72.18	-59.19	-12.88	0.11	-13.00	-59.18
141.07	-71.77	-65.72	-5.85	0.20	-13.00	-58.77
191.02	-70.05	-68.29	-1.52	0.24	-13.00	-57.05
337.30	-74.46	-74.98	0.87	0.35	-13.00	-61.46
642.46	-70.76	-71.05	0.81	0.52	-13.00	-57.76
882.34	-68.64	-69.05	1.03	0.62	-13.00	-55.64
1399.00	-40.91	-44.83	4.69	0.77	-13.00	-27.91
2098.50	-32.95	-37.01	5.00	0.94	-13.00	-19.95

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

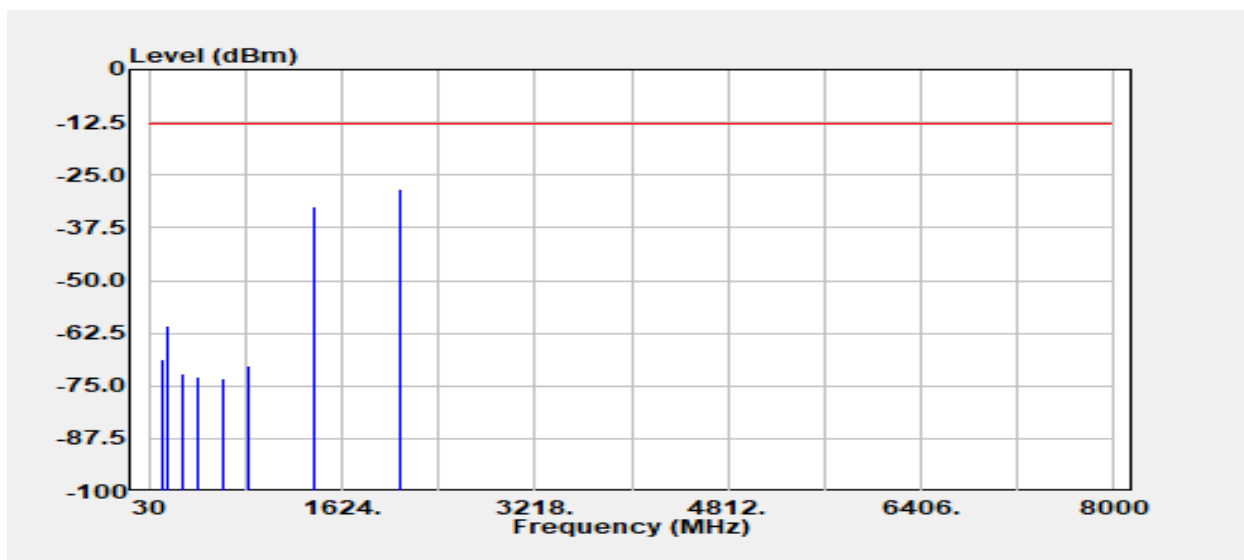
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Project No :TM-2305000074P
 Operation Band :LTE_Band12_CH23060_
 10M_QPSK(1,0)
 Frequency :704 MHz
 Operation Mode :TX
 EUT Pol :E2
 Setting :

Test Date :2023-10-24
 Temp./Humi. :24.6/57
 Antenna Pol. :HORIZONTAL
 Engineer :Tony.Chao
 Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
140.77	-68.59	-62.54	-5.85	0.20	-13.00	-55.59
188.79	-60.84	-59.1	-1.50	0.24	-13.00	-47.84
306.45	-72.04	-72.27	0.55	0.32	-13.00	-59.04
442.06	-72.74	-72.69	0.37	0.42	-13.00	-59.74
634.41	-73.03	-73.33	0.81	0.51	-13.00	-60.03
861.97	-70.23	-70.59	0.97	0.61	-13.00	-57.23
1399.00	-32.41	-36.33	4.69	0.77	-13.00	-19.41
2098.50	-28.35	-32.41	5.00	0.94	-13.00	-15.35

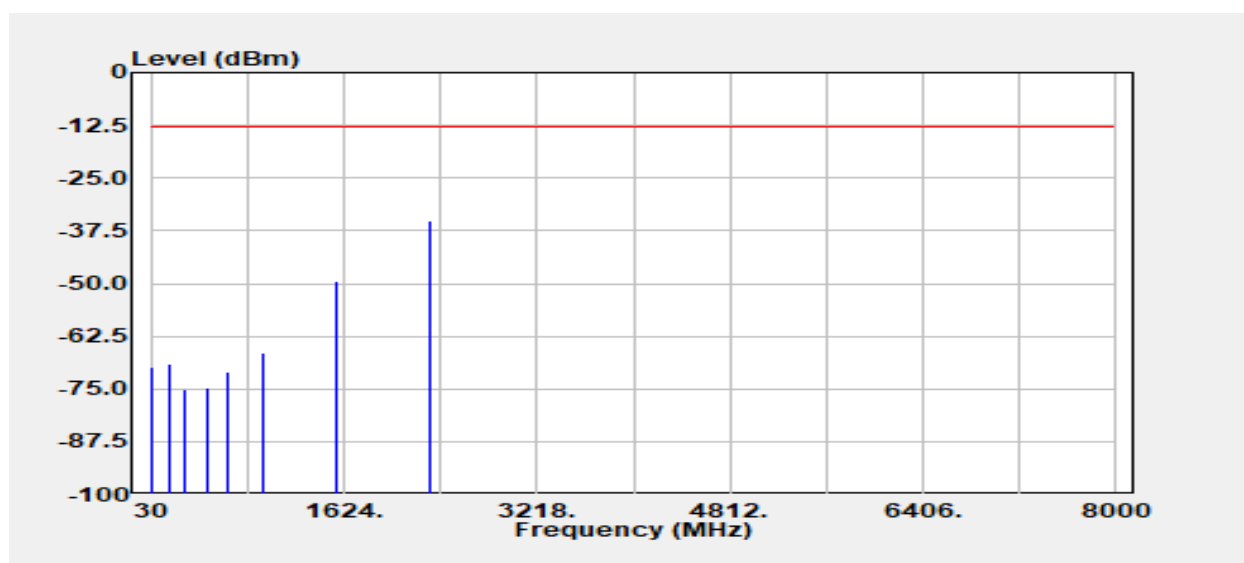
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band13_CH23230_ 10M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:782 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
45.71	-69.79	-57.24	-12.44	0.11	-13.00	-56.79
193.15	-69.21	-67.33	-1.64	0.24	-13.00	-56.21
300.82	-74.91	-75.10	0.51	0.32	-13.00	-61.91
490.17	-74.88	-74.71	0.27	0.44	-13.00	-61.88
661.66	-71.13	-71.51	0.90	0.52	-13.00	-58.13
962.85	-66.26	-66.75	1.14	0.65	-13.00	-53.26
1555.00	-49.39	-54.97	6.39	0.81	-13.00	-36.39
2332.50	-35.23	-39.84	5.60	0.99	-13.00	-22.23

Remark:

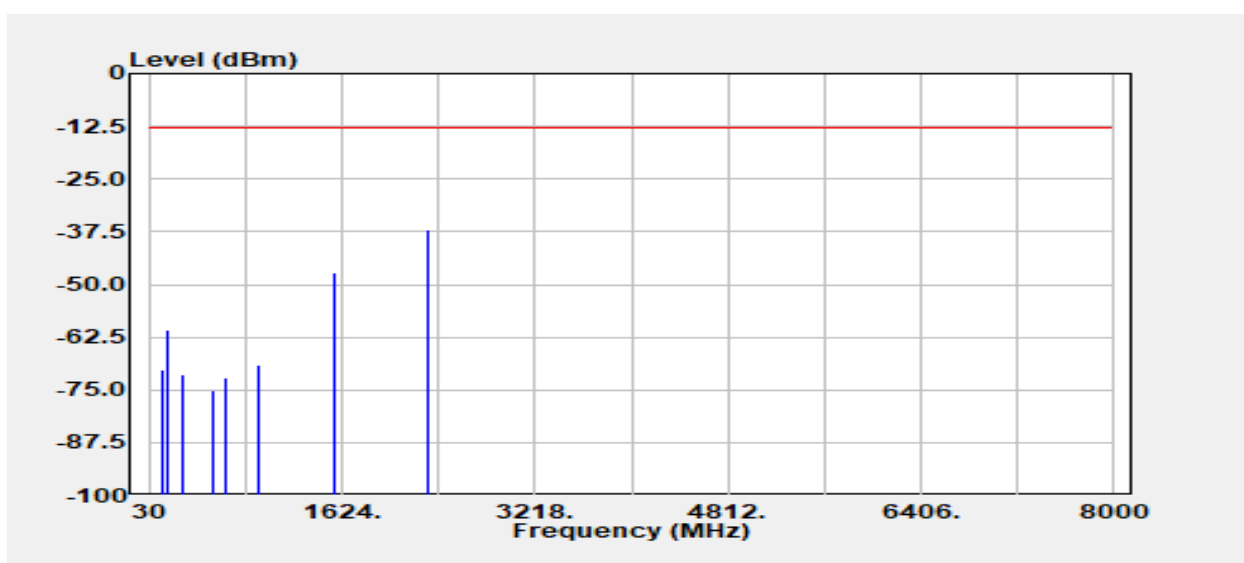
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band13_CH23230_10M_QPSK(1,0)
Frequency :782 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
136.60	-70.02	-63.49	-6.33	0.20	-13.00	-57.02
189.86	-60.90	-59.10	-1.56	0.24	-13.00	-47.90
301.99	-71.33	-71.53	0.52	0.32	-13.00	-58.33
563.60	-75.26	-75.59	0.81	0.48	-13.00	-62.26
673.21	-72.21	-72.60	0.92	0.53	-13.00	-59.21
935.79	-69.14	-69.55	1.05	0.64	-13.00	-56.14
1555.00	-47.21	-52.79	6.39	0.81	-13.00	-34.21
2332.50	-36.90	-41.51	5.60	0.99	-13.00	-23.90

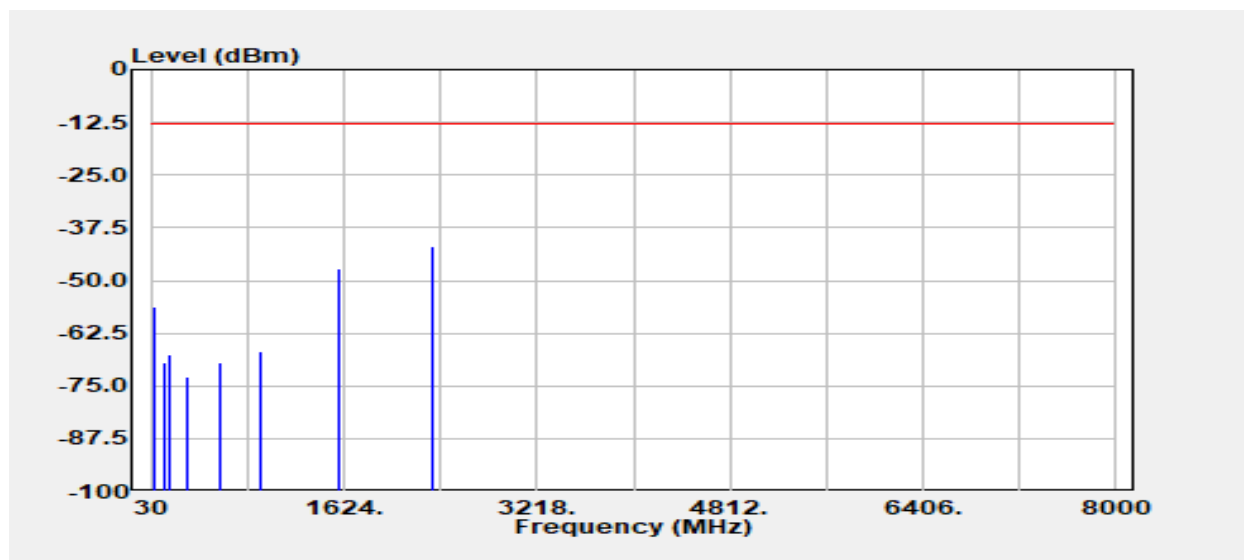
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band14_CH23330_ 10M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:793 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
50.08	-56.08	-46.72	-9.25	0.11	-13.00	-43.08
139.90	-69.52	-63.47	-5.85	0.20	-13.00	-56.52
188.69	-67.62	-65.89	-1.49	0.24	-13.00	-54.62
320.90	-73.00	-73.36	0.69	0.33	-13.00	-60.00
600.07	-69.28	-70.40	1.62	0.50	-13.00	-56.28
945.49	-66.93	-67.06	0.77	0.64	-13.00	-53.93
1577.00	-47.28	-52.81	6.35	0.82	-13.00	-34.28
2365.50	-42.05	-46.60	5.54	0.99	-13.00	-29.05

Remark:

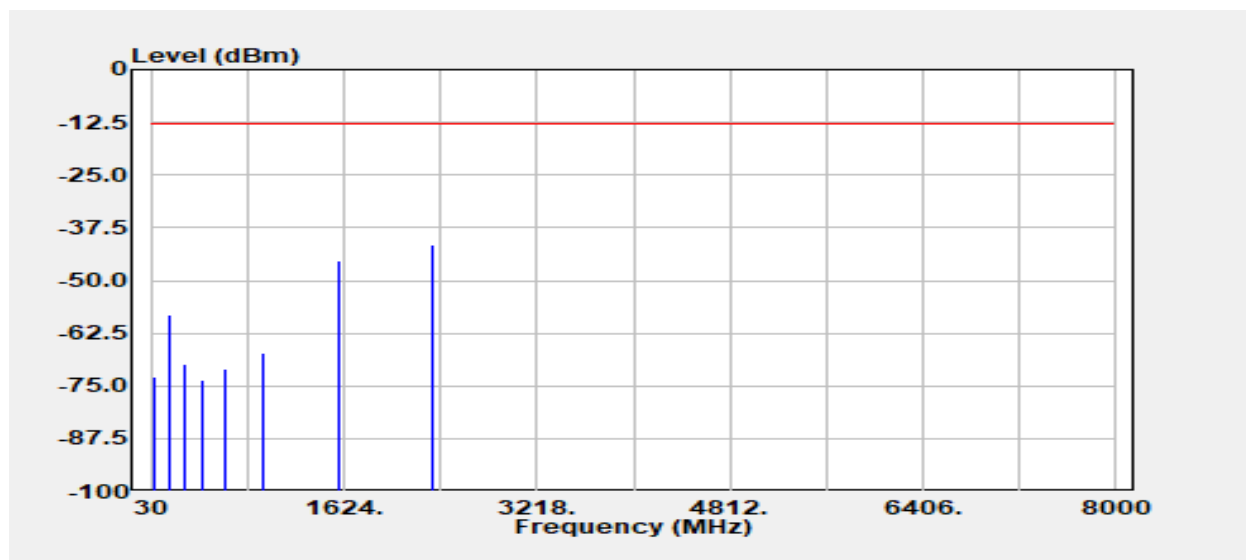
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band14_CH23330_
10M_QPSK(1,0)
Frequency :793 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
63.85	-72.69	-65.12	-7.44	0.13	-13.00	-59.69
191.02	-57.95	-56.19	-1.52	0.24	-13.00	-44.95
309.55	-69.71	-69.96	0.58	0.33	-13.00	-56.71
462.72	-73.72	-73.65	0.36	0.43	-13.00	-60.72
641.29	-70.78	-71.06	0.80	0.52	-13.00	-57.78
946.07	-67.15	-67.29	0.78	0.64	-13.00	-54.15
1577.00	-45.36	-50.89	6.35	0.82	-13.00	-32.36
2365.50	-41.45	-46.00	5.54	0.99	-13.00	-28.45

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

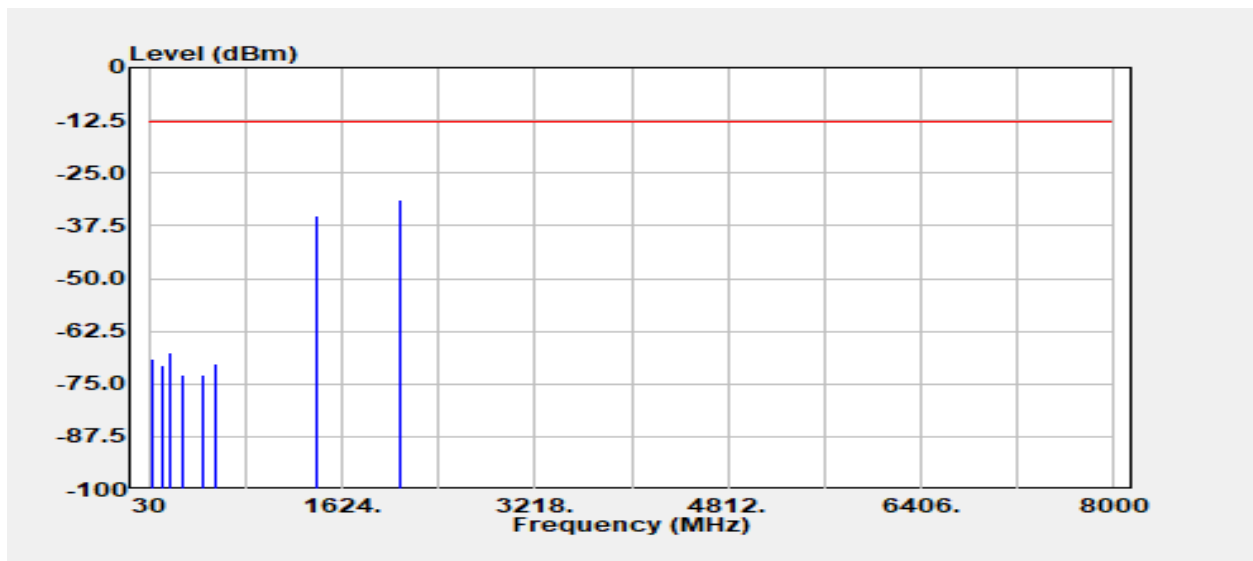
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Project No :TM-2305000074P
 Operation Band :LTE_Band17_CH23780_
 10M_QPSK(1,0)
 Frequency :709 MHz
 Operation Mode :TX
 EUT Pol :E2
 Setting :

Test Date :2023-10-24
 Temp./Humi. :24.6/57
 Antenna Pol. :VERTICAL
 Engineer :Tony.Chao
 Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
63.85	-68.90	-61.33	-7.44	0.13	-13.00	-55.90
136.60	-70.62	-64.09	-6.33	0.20	-13.00	-57.62
199.85	-67.37	-64.81	-2.31	0.25	-13.00	-54.37
306.64	-72.81	-73.04	0.55	0.32	-13.00	-59.81
466.60	-72.81	-72.72	0.34	0.43	-13.00	-59.81
580.28	-70.06	-70.51	0.94	0.49	-13.00	-57.06
1409.20	-34.99	-39.05	4.83	0.77	-13.00	-21.99
2113.80	-31.32	-35.41	5.03	0.94	-13.00	-18.32

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P

Test Date :2023-10-24

Operation Band :LTE_Band17_CH23780_
10M_QPSK(1,0)

Temp./Humi. :24.6/57

Frequency :709 MHz

Antenna Pol. :HORIZONTAL

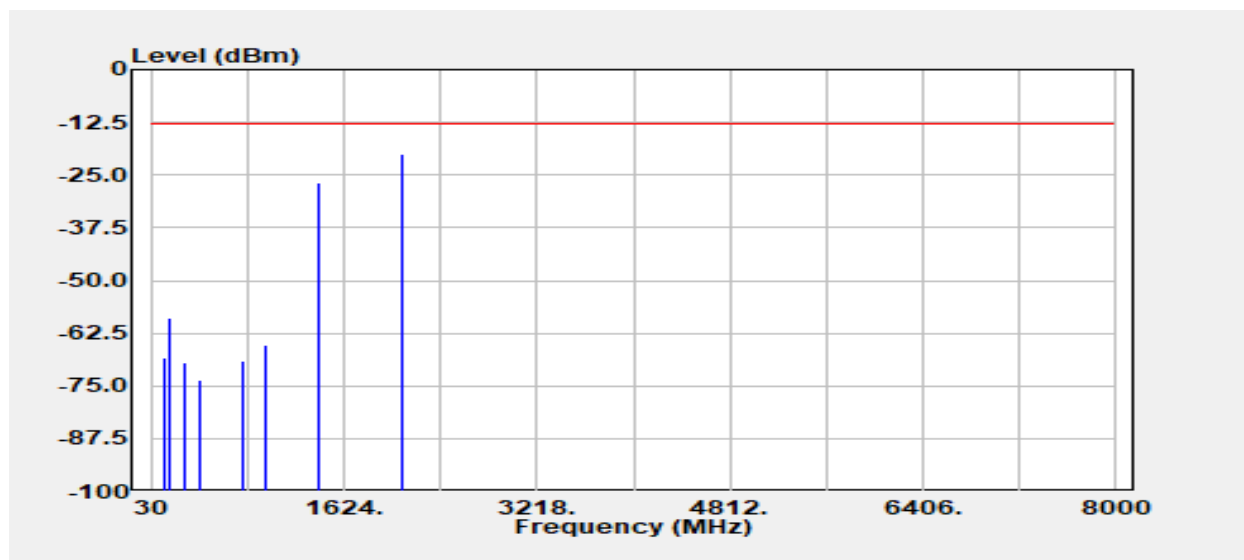
Operation Mode :TX

Engineer :Tony.Chao

EUT Pol :E2

Test Chamber : 966A

Setting :



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.44	-68.34	-61.56	-6.58	0.20	-13.00	-55.34
188.79	-58.81	-57.07	-1.50	0.24	-13.00	-45.81
306.64	-69.42	-69.65	0.55	0.32	-13.00	-56.42
440.31	-73.41	-73.34	0.34	0.41	-13.00	-60.41
793.20	-69.12	-69.47	0.94	0.59	-13.00	-56.12
975.36	-65.29	-65.97	1.33	0.65	-13.00	-52.29
1409.20	-26.86	-30.92	4.83	0.77	-13.00	-13.86
2113.80	-20.10	-24.19	5.03	0.94	-13.00	-7.10

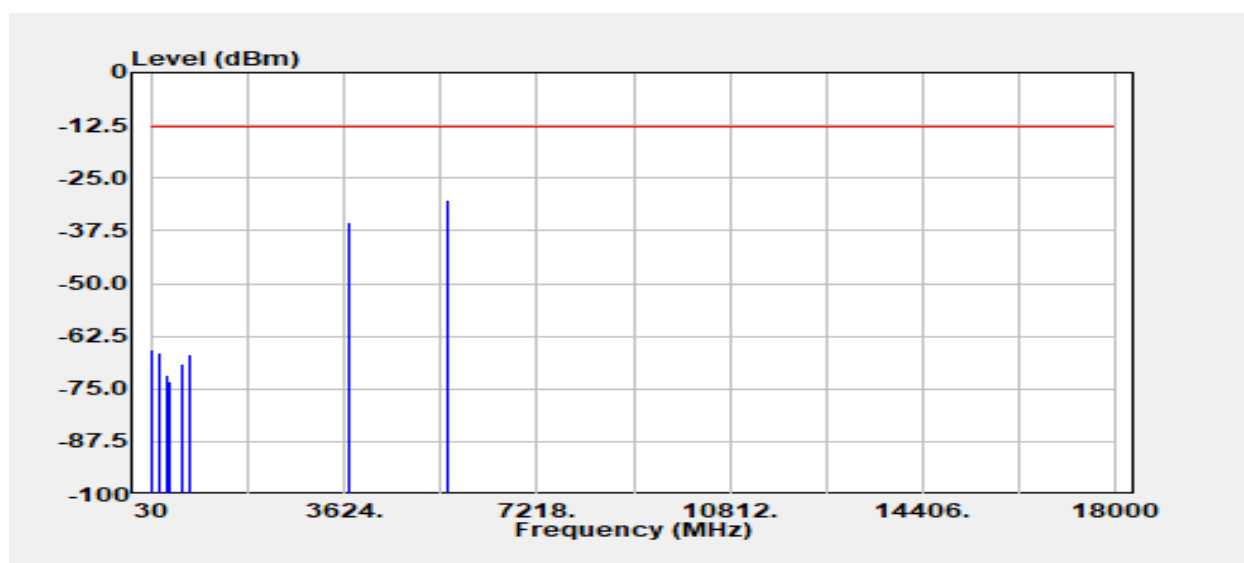
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band25_CH26140_20M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:1860 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.23	-65.55	-40.56	-24.89	0.09	-13.00	-52.55
197.71	-66.28	-63.87	-2.16	0.25	-13.00	-53.28
307.91	-71.73	-71.97	0.56	0.33	-13.00	-58.73
392.30	-73.37	-73.77	0.78	0.38	-13.00	-60.37
595.22	-69.19	-70.25	1.55	0.50	-13.00	-56.19
766.91	-66.63	-67.17	1.11	0.57	-13.00	-53.63
3702.20	-35.60	-42.16	7.80	1.23	-13.00	-22.60
5553.30	-30.11	-38.84	10.21	1.48	-13.00	-17.11

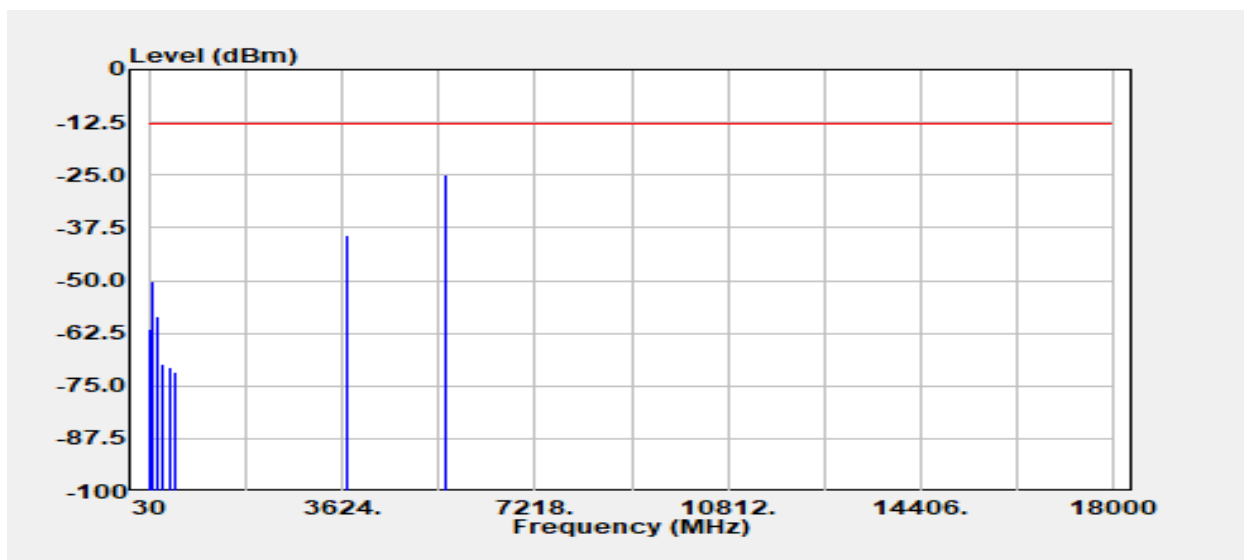
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band25_CH26140_20M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:1860 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



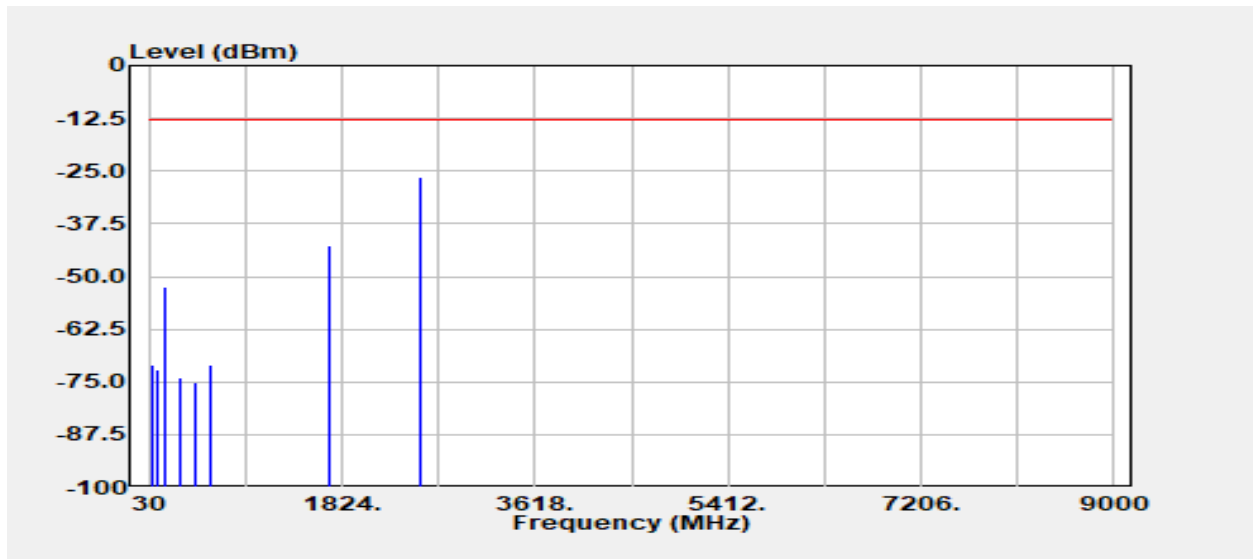
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
45.33	-61.54	-48.65	-12.79	0.11	-13.00	-48.54
92.37	-50.02	-45.04	-4.82	0.16	-13.00	-37.02
196.65	-58.50	-56.22	-2.03	0.25	-13.00	-45.50
305.67	-69.78	-70.00	0.55	0.32	-13.00	-56.78
445.94	-70.75	-70.77	0.44	0.42	-13.00	-57.75
537.12	-71.52	-72.06	1.02	0.47	-13.00	-58.52
3702.20	-39.12	-45.69	7.80	1.23	-13.00	-26.12
5553.30	-25.07	-33.80	10.21	1.48	-13.00	-12.07

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Project No :TM-2305000074P
 Operation Band :LTE_Band26_CH26965_
 15M_QPSK(1,74)
 Frequency :841.5 MHz
 Operation Mode :TX
 EUT Pol :E2
 Setting :

Test Date :2023-10-24
 Temp./Humi. :24.6/57
 Antenna Pol. :VERTICAL
 Engineer :Tony.Chao
 Test Chamber : 966A



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
63.66	-70.96	-63.36	-7.47	0.13	-13.00	-57.96
99.06	-72.18	-66.08	-5.93	0.17	-13.00	-59.18
190.44	-52.28	-50.49	-1.55	0.24	-13.00	-39.28
321.78	-73.85	-74.22	0.71	0.34	-13.00	-60.85
468.05	-75.25	-75.18	0.36	0.43	-13.00	-62.25
605.50	-70.91	-71.87	1.46	0.50	-13.00	-57.91
1696.30	-42.69	-47.36	5.52	0.85	-13.00	-29.69
2544.45	-26.43	-31.27	5.87	1.03	-13.00	-13.43

Remark:

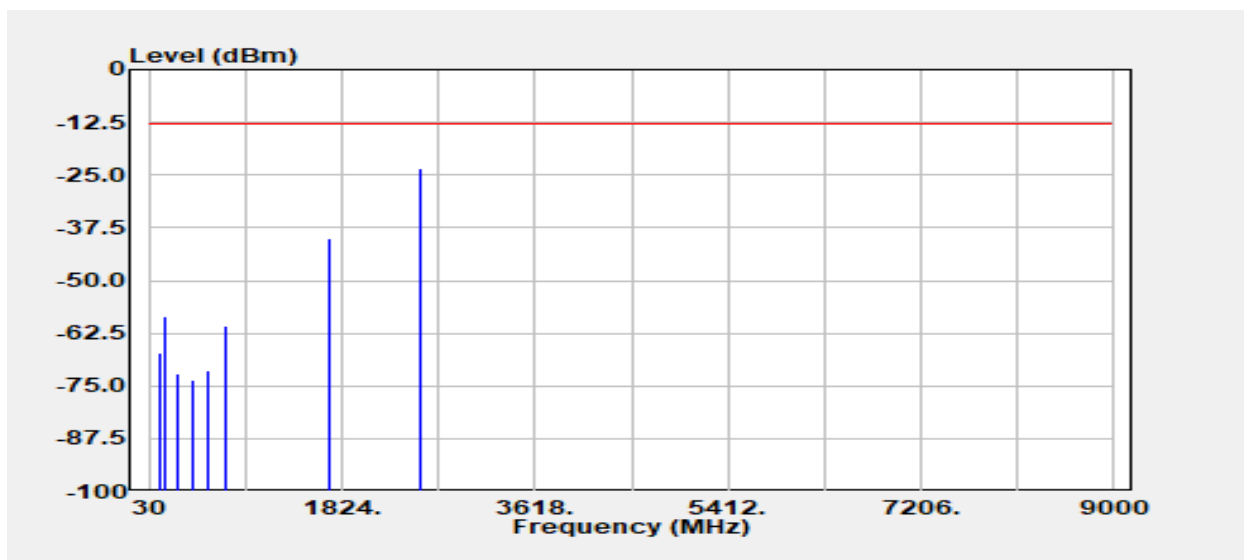
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band26_CH26965_
15M_QPSK(1,74)
Frequency :841.5 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.08	-67.21	-60.31	-6.70	0.20	-13.00	-54.21
189.86	-58.63	-56.83	-1.56	0.24	-13.00	-45.63
293.16	-71.93	-71.87	0.26	0.32	-13.00	-58.93
437.89	-73.44	-73.40	0.37	0.41	-13.00	-60.44
578.34	-71.29	-71.67	0.87	0.49	-13.00	-58.29
738.97	-60.68	-61.17	1.05	0.56	-13.00	-47.68
1696.30	-39.98	-44.65	5.52	0.85	-13.00	-26.98
2544.45	-23.46	-28.30	5.87	1.03	-13.00	-10.46

Remark:

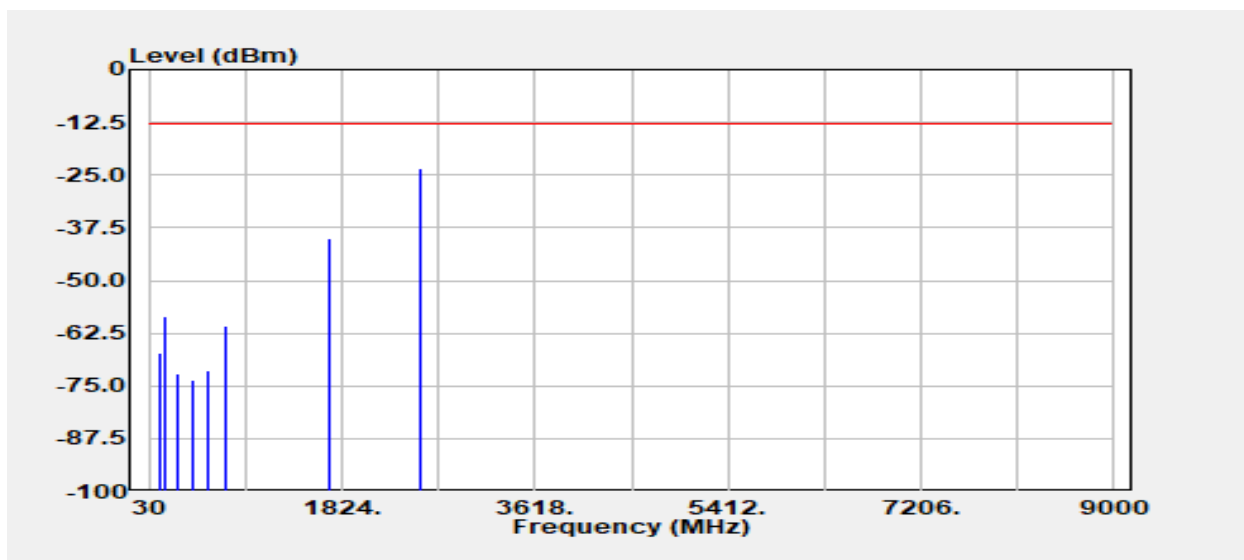
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band26_CH26965_
15M_QPSK(1,74)
Frequency :841.5 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



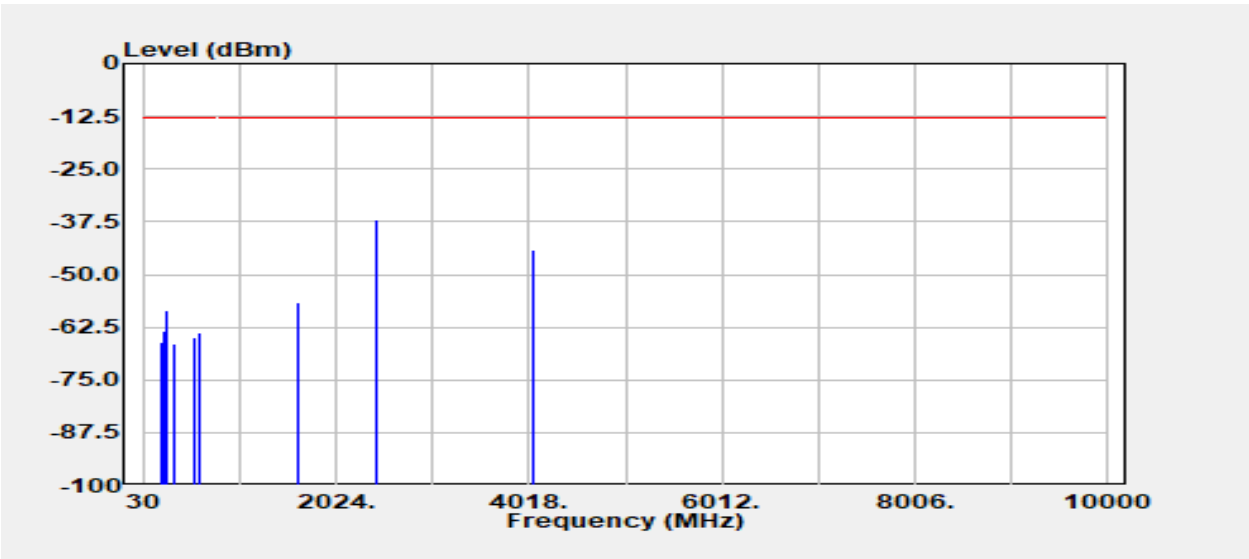
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.08	-67.21	-60.31	-6.70	0.20	-13.00	-54.21
189.86	-58.63	-56.83	-1.56	0.24	-13.00	-45.63
293.16	-71.93	-71.87	0.26	0.32	-13.00	-58.93
437.89	-73.44	-73.40	0.37	0.41	-13.00	-60.44
578.34	-71.29	-71.67	0.87	0.49	-13.00	-58.29
738.97	-60.68	-61.17	1.05	0.56	-13.00	-47.68
1696.30	-39.98	-44.65	5.52	0.85	-13.00	-26.98
2544.45	-23.46	-28.30	5.87	1.03	-13.00	-10.46



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Project No	:TM-2305000074P	Test Date	:2023-12-15
Operation Band	:LTE_Band26_CH26740_10M_QPSK(1,0)	Temp./Humi.	:24.1/53
Frequency	:819 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Jerry.Cang
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		

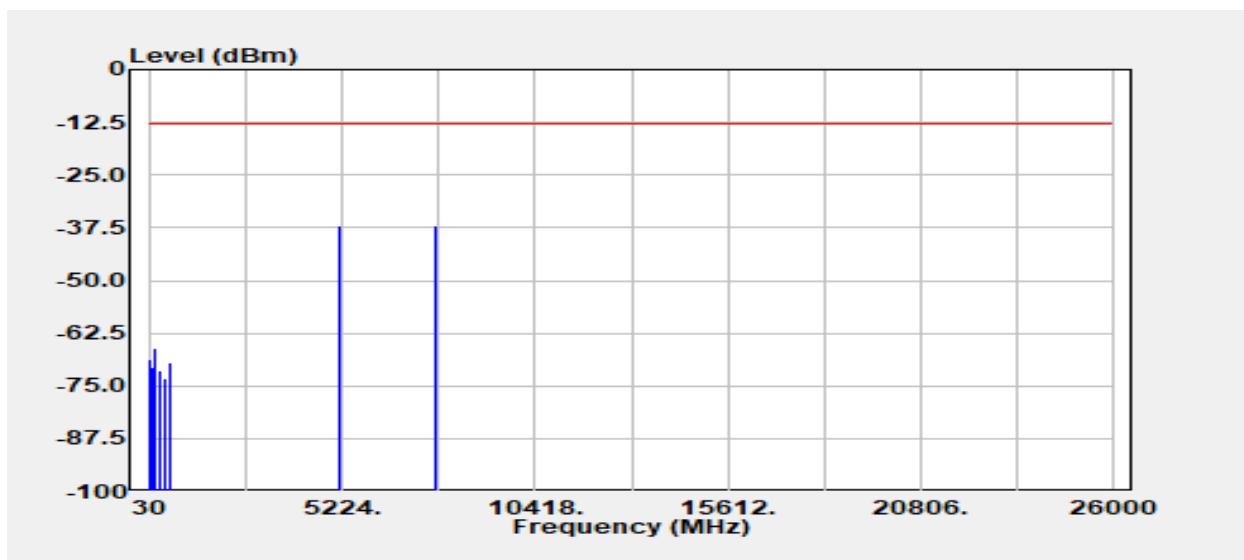


Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	dBm	dB
		dBm	dBi/dBd	dB		
216.05	-66.10	-66.17	0.33	0.26	-13.00	-53.10
259.21	-63.52	-63.75	0.51	0.29	-13.00	-50.52
269.98	-58.36	-57.74	-0.32	0.30	-13.00	-45.36
345.64	-66.33	-66.88	0.90	0.35	-13.00	-53.33
561.66	-64.85	-65.18	0.81	0.48	-13.00	-51.85
604.82	-63.67	-64.66	1.49	0.50	-13.00	-50.67
1629.20	-56.66	-61.84	6.01	0.83	-13.00	-43.66
2443.80	-36.94	-41.42	5.49	1.01	-13.00	-23.94
4073.00	-44.06	-51.37	8.60	1.29	-13.00	-31.06

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Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band41_CH40620_5M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:2593 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
63.85	-68.72	-61.15	-7.44	0.13	-13.00	-55.72
152.22	-70.69	-66.01	-4.47	0.21	-13.00	-57.69
198.88	-66.05	-63.53	-2.26	0.25	-13.00	-53.05
305.29	-71.39	-71.61	0.54	0.32	-13.00	-58.39
465.43	-73.34	-73.23	0.32	0.43	-13.00	-60.34
611.52	-69.36	-69.92	1.06	0.50	-13.00	-56.36
5181.60	-36.87	-45.44	10.00	1.43	-13.00	-23.87
7772.40	-37.11	-47.36	11.94	1.69	-13.00	-24.11

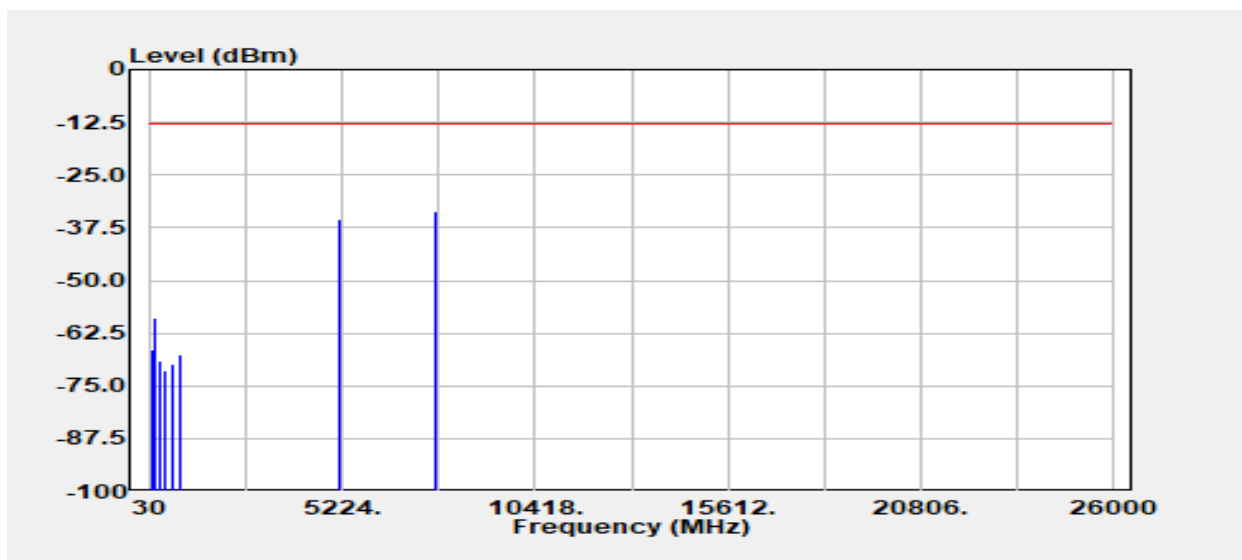
Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No	:TM-2305000074P	Test Date	:2023-11-03
Operation Band	:LTE_Band41_CH40620_5M_QPSK(1,0)	Temp./Humi.	:24.7/58
Frequency	:2593 MHz	Antenna Pol.	:Horizontal
Operation Mode	:TX	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.95	-66.26	-59.32	-6.74	0.20	-13.00	-53.26
199.94	-58.86	-56.29	-2.32	0.25	-13.00	-45.86
305.38	-69.05	-69.27	0.54	0.32	-13.00	-56.05
446.13	-71.30	-71.32	0.44	0.42	-13.00	-58.30
696.00	-69.69	-70.15	0.99	0.54	-13.00	-56.69
872.93	-67.71	-68.17	1.08	0.62	-13.00	-54.71
5181.60	-35.42	-43.99	10.00	1.43	-13.00	-22.42
7772.40	-33.43	-43.69	11.94	1.69	-13.00	-20.43

Remark:

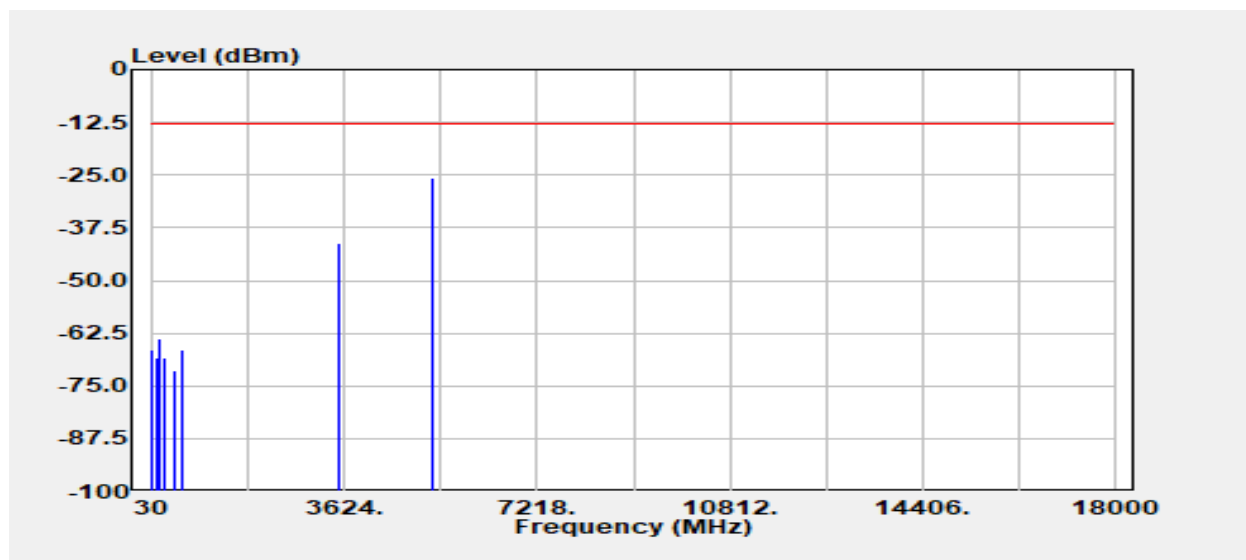
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Project No :TM-2305000074P
Operation Band :LTE_Band66_CH132322_
20M_QPSK(1,99)
Frequency :1745 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
62.30	-66.55	-59.05	-7.37	0.13	-13.00	-53.55
151.15	-68.16	-63.31	-4.64	0.21	-13.00	-55.16
199.17	-63.73	-61.20	-2.28	0.25	-13.00	-50.73
305.29	-68.34	-68.56	0.54	0.32	-13.00	-55.34
457.19	-71.19	-71.24	0.47	0.42	-13.00	-58.19
609.38	-66.55	-67.25	1.20	0.50	-13.00	-53.55
3507.80	-41.16	-47.74	7.78	1.20	-13.00	-28.16
5261.70	-25.78	-34.34	10.00	1.44	-13.00	-12.78

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

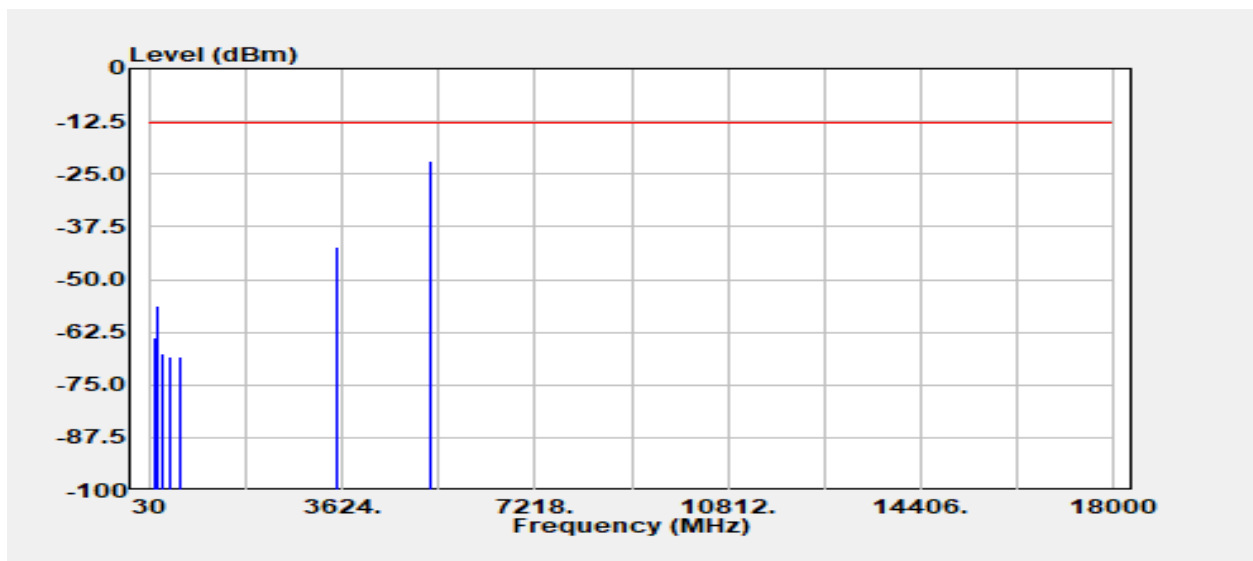
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Rev.: 02

Project No :TM-2305000074P
 Operation Band :LTE_Band66_CH132322_
 20M_QPSK(1,99)
 Frequency :1745 MHz
 Operation Mode :TX
 EUT Pol :E2
 Setting :

Test Date :2023-10-24
 Temp./Humi. :24.6/57
 Antenna Pol. :HORIZONTAL
 Engineer :Tony.Chao
 Test Chamber : 966A

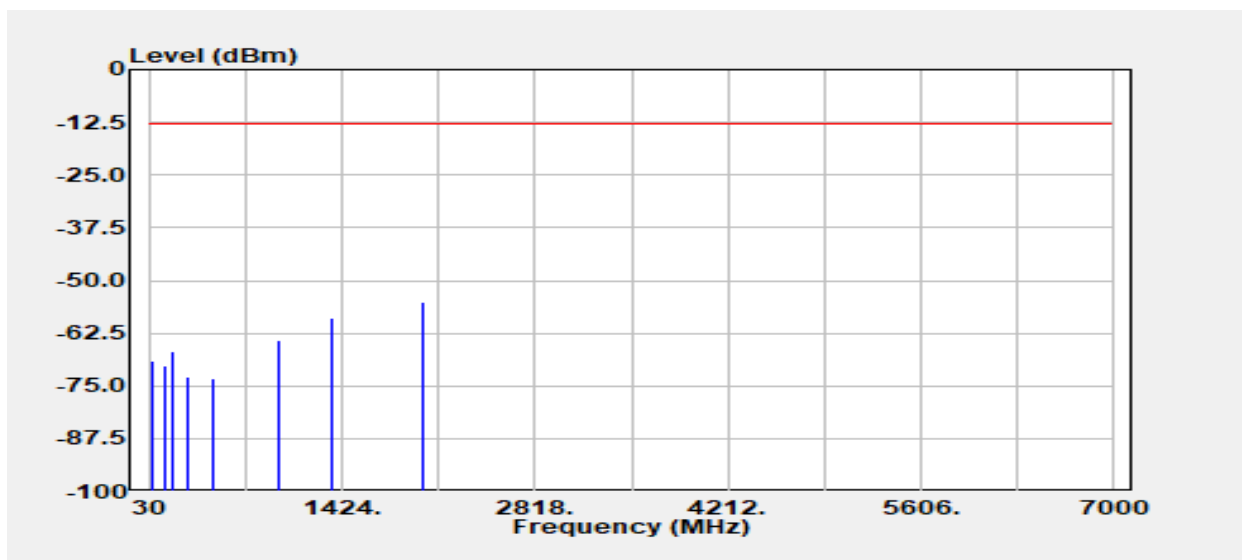


Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
133.69	-63.87	-56.89	-6.78	0.20	-13.00	-50.87
198.78	-56.23	-53.72	-2.26	0.25	-13.00	-43.23
259.50	-67.53	-67.73	0.49	0.29	-13.00	-54.53
305.67	-67.43	-67.66	0.55	0.32	-13.00	-54.43
446.32	-68.46	-68.49	0.45	0.42	-13.00	-55.46
595.70	-68.34	-69.40	1.56	0.50	-13.00	-55.34
3507.80	-42.11	-48.69	7.78	1.20	-13.00	-29.11
5261.70	-22.00	-30.56	10.00	1.44	-13.00	-9.00

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:LTE_Band71_CH133297_ 20M_QPSK(1,0)	Temp./Humi.	:24.6/57
Frequency	:680.5 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
64.05	-69.20	-61.66	-7.41	0.13	-13.00	-56.20
147.76	-70.22	-65.08	-4.93	0.21	-13.00	-57.22
198.88	-66.72	-64.21	-2.26	0.25	-13.00	-53.72
306.45	-72.98	-73.21	0.55	0.32	-13.00	-59.98
491.72	-73.10	-72.98	0.33	0.45	-13.00	-60.10
970.12	-64.19	-64.93	1.39	0.65	-13.00	-51.19
1343.20	-58.96	-62.29	4.09	0.76	-13.00	-45.96
2014.80	-55.02	-58.65	4.55	0.92	-13.00	-42.02

Remark:

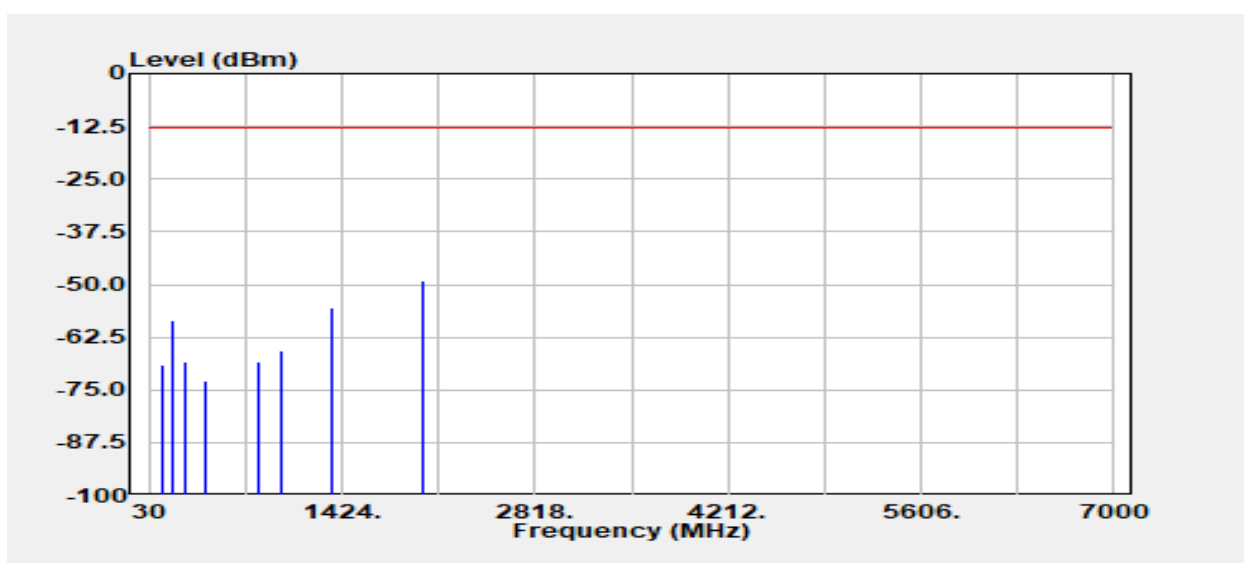
1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.

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Rev.: 02

Project No :TM-2305000074P
Operation Band :LTE_Band71_CH133297_
20M_QPSK(1,0)
Frequency :680.5 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2023-10-24
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony.Chao
Test Chamber : 966A



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.37	-69.06	-62.15	-6.71	0.20	-13.00	-56.06
192.18	-58.46	-56.63	-1.59	0.24	-13.00	-45.46
294.23	-68.35	-68.34	0.31	0.32	-13.00	-55.35
436.14	-72.97	-72.97	0.41	0.41	-13.00	-59.97
829.57	-68.38	-68.82	1.04	0.60	-13.00	-55.38
988.17	-65.74	-66.34	1.26	0.66	-13.00	-52.74
1343.20	-55.45	-58.78	4.09	0.76	-13.00	-42.45
2014.80	-48.95	-52.58	4.55	0.92	-13.00	-35.95

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.