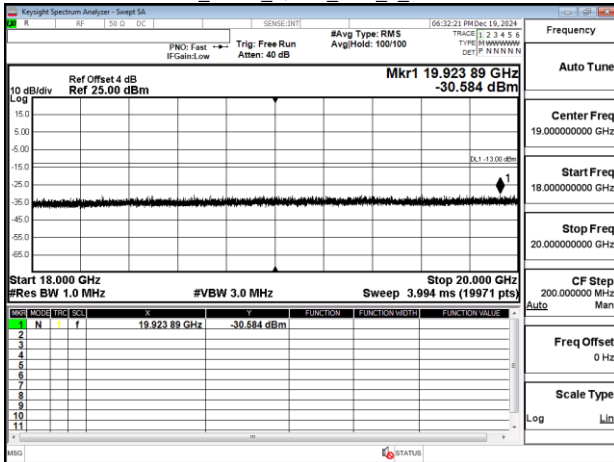
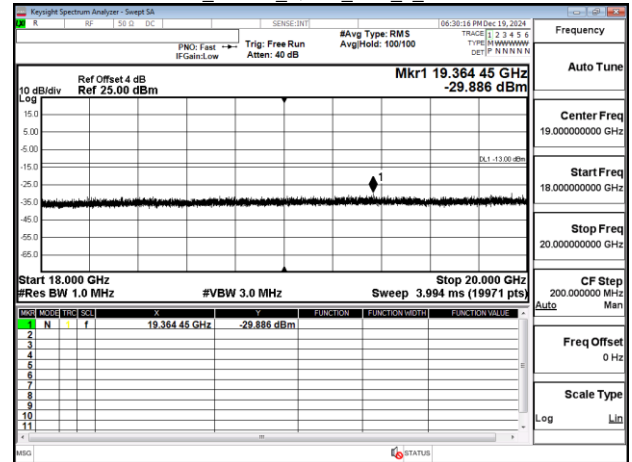


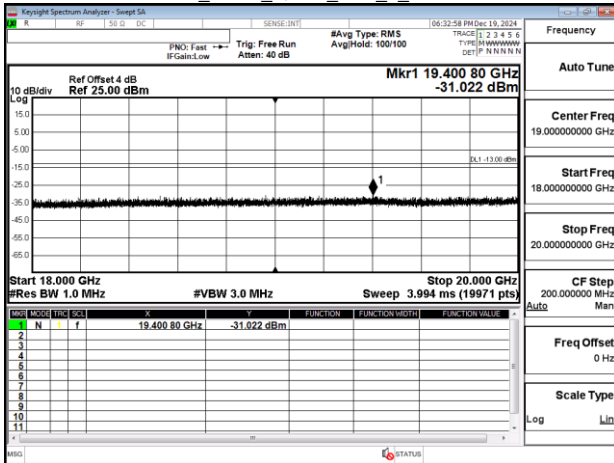
Band25 5MHz\_QPSK\_RB1\_0\_CH26065



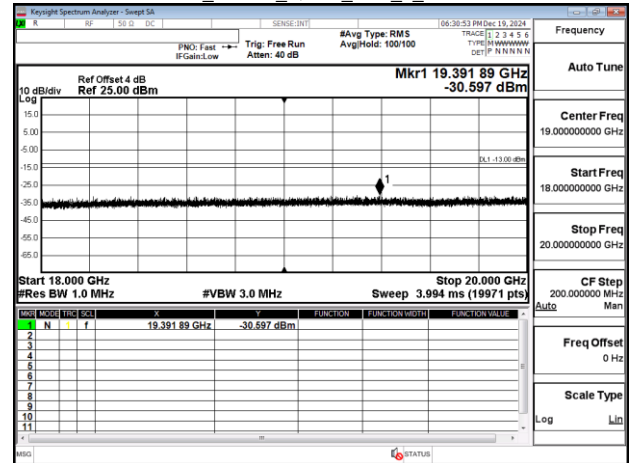
Band25 10MHz\_QPSK\_RB1\_0\_CH26090



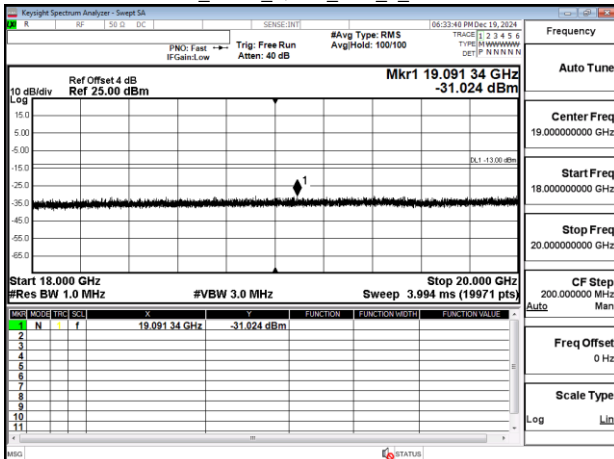
Band25 5MHz\_QPSK\_RB1\_0\_CH26365



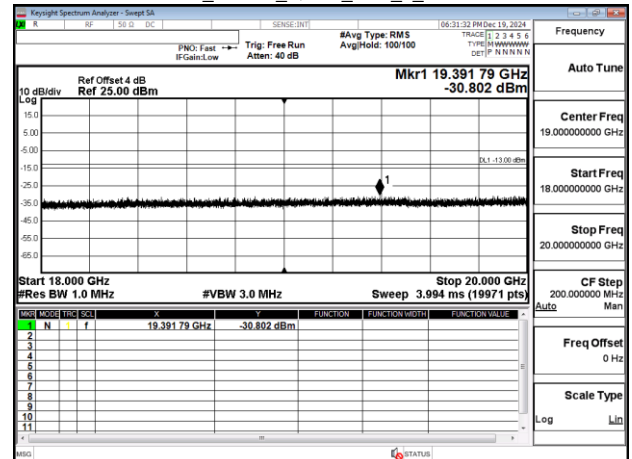
Band25 10MHz\_QPSK\_RB1\_0\_CH26365



Band25 5MHz\_QPSK\_RB1\_0\_CH26665



Band25 10MHz\_QPSK\_RB1\_0\_CH26640

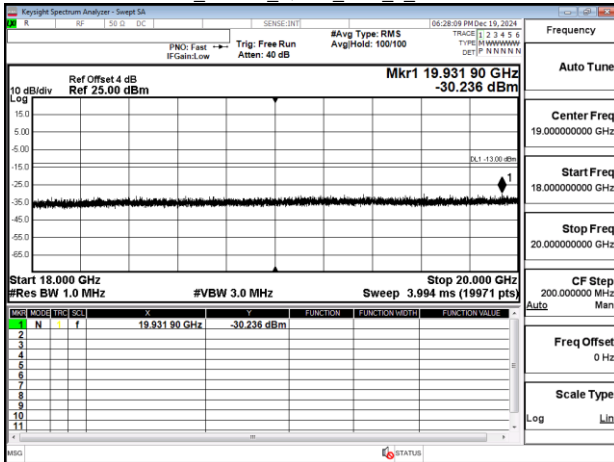


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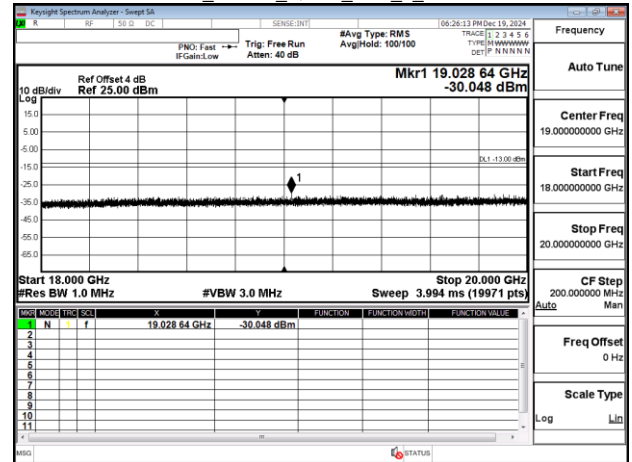
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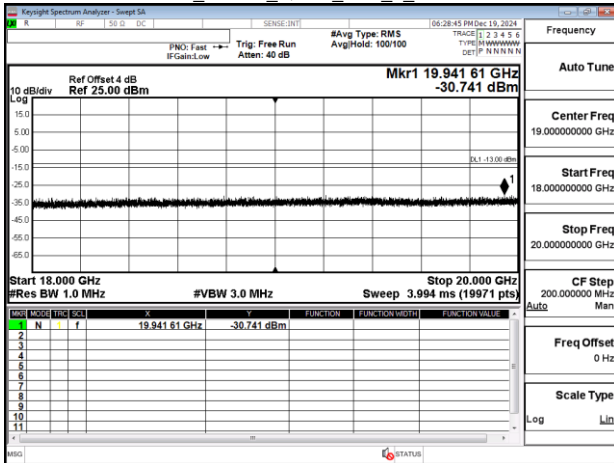
Band25\_15MHz\_QPSK\_RB1\_0\_CH26115



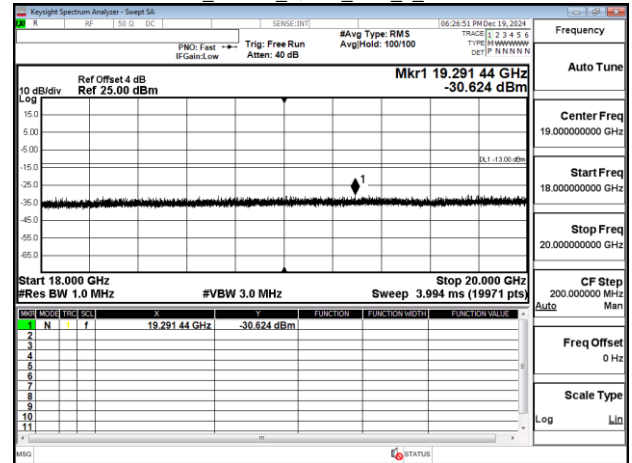
Band25\_20MHz\_QPSK\_RB1\_0\_CH26140



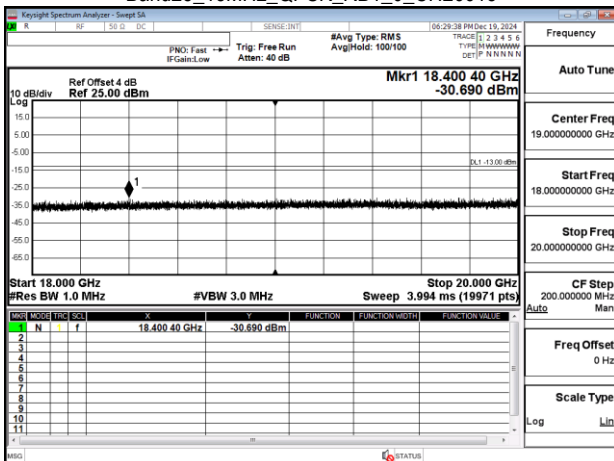
Band25\_15MHz\_QPSK\_RB1\_0\_CH26365



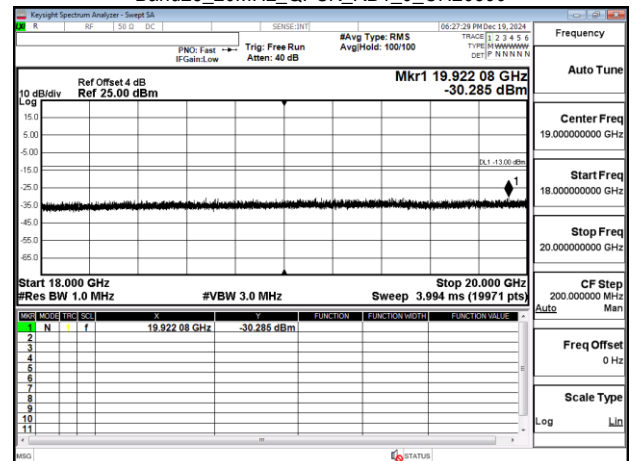
Band25\_20MHz\_QPSK\_RB1\_0\_CH26365



Band25\_15MHz\_QPSK\_RB1\_0\_CH26615



Band25\_20MHz\_QPSK\_RB1\_0\_CH26590



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## 5 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B2

Test Date :2024-05-28

Test Mode :Tx

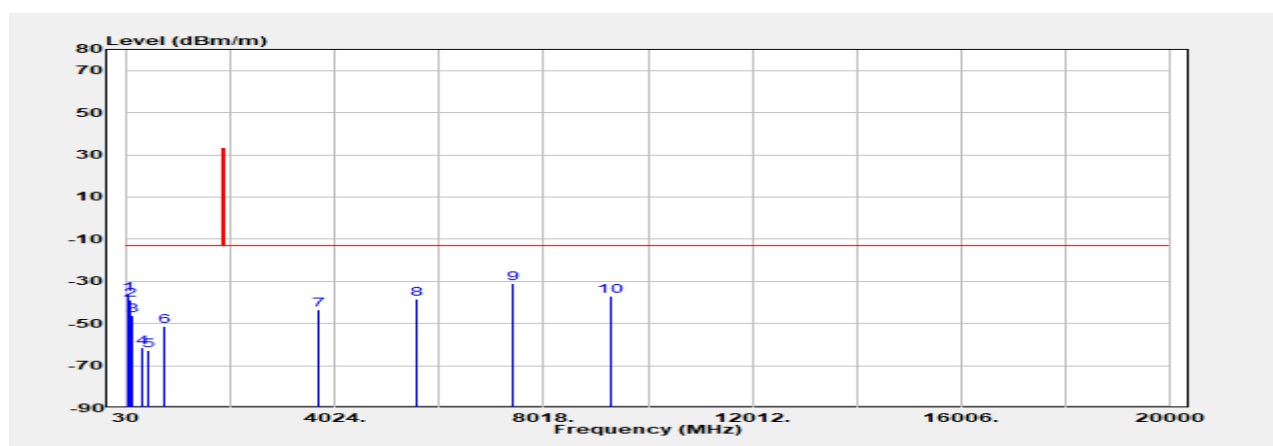
Temp./Humi. :22.3°C/61%

EUT Pol :H Plane

Antenna Pol. :Vertical

Test Frequency :1857.5 MHz

Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.21	-24.52	-10.75	-0.94	-13.00	-23.21
108.570	-38.67	-35.92	-1.43	-1.32	-13.00	-25.67
138.640	-46.25	-42.96	-1.81	-1.48	-13.00	-33.25
337.490	-61.58	-63.42	4.14	-2.30	-13.00	-48.58
438.370	-62.85	-64.17	3.95	-2.63	-13.00	-49.85
743.920	-51.19	-51.20	3.41	-3.40	-13.00	-38.19
3715.000	-43.33	-48.25	12.57	-7.65	-13.00	-30.33
5572.500	-38.28	-42.03	13.29	-9.54	-13.00	-25.28
7430.000	-30.96	-31.01	11.04	-10.99	-13.00	-17.96
9287.500	-37.21	-36.07	11.20	-12.34	-13.00	-24.21

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Report Number :TERF2405001348ER

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :H Plane

Test Frequency :1857.5 MHz

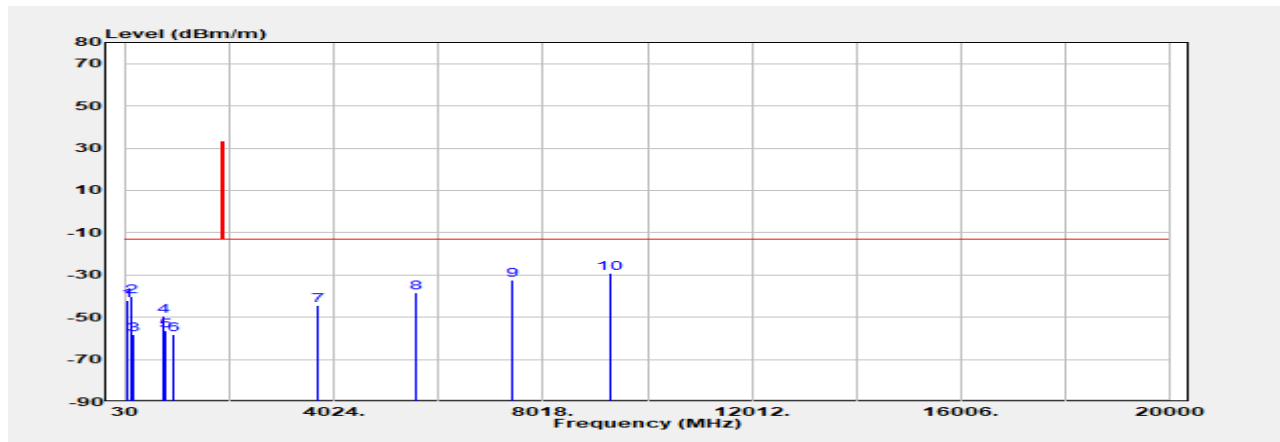
Test Site :SAC D

Test Date :2024-05-28

Temp./Humi. :22.3°C/61%

Antenna Pol. :Horizontal

Engineer :Andy Lee



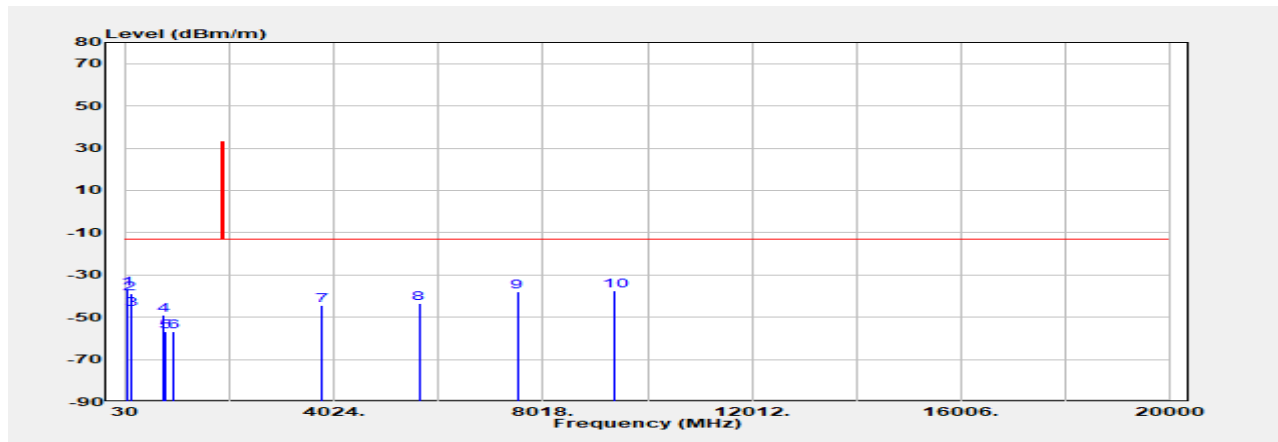
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-42.17	-30.48	-10.75	-0.94	-13.00	-29.17
133.790	-40.27	-37.23	-1.57	-1.47	-13.00	-27.27
182.290	-58.18	-58.08	1.62	-1.72	-13.00	-45.18
744.890	-49.53	-49.55	3.42	-3.40	-13.00	-36.53
774.960	-56.32	-56.21	3.37	-3.48	-13.00	-43.32
939.860	-58.13	-57.75	3.44	-3.82	-13.00	-45.13
3715.000	-44.18	-49.10	12.57	-7.65	-13.00	-31.18
5572.500	-38.22	-41.97	13.29	-9.54	-13.00	-25.22
7430.000	-32.44	-32.49	11.04	-10.99	-13.00	-19.44
9287.500	-29.35	-28.21	11.20	-12.34	-13.00	-16.35

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Report Number :TERF2405001348ER  
Operation Mode :LTE B2  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1880 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



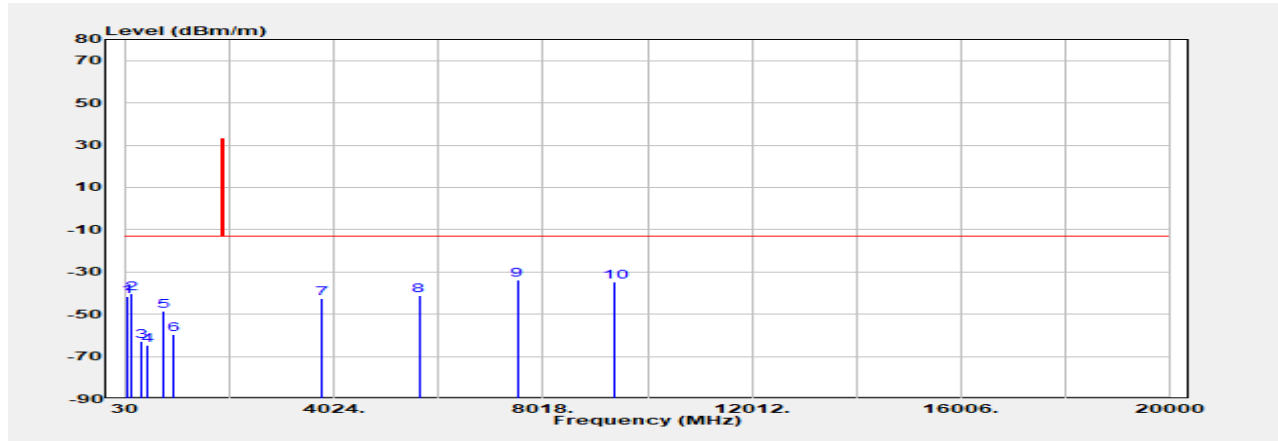
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.35	-24.66	-10.75	-0.94	-13.00	-23.35
110.510	-38.70	-36.12	-1.25	-1.33	-13.00	-25.70
138.640	-46.15	-42.86	-1.81	-1.48	-13.00	-33.15
744.890	-48.99	-49.01	3.42	-3.40	-13.00	-35.99
766.230	-57.03	-56.90	3.34	-3.47	-13.00	-44.03
938.890	-57.01	-56.64	3.45	-3.82	-13.00	-44.01
3760.000	-44.16	-48.90	12.46	-7.72	-13.00	-31.16
5640.000	-43.37	-47.32	13.48	-9.53	-13.00	-30.37
7520.000	-37.76	-37.79	11.14	-11.11	-13.00	-24.76
9400.000	-37.32	-36.45	11.60	-12.47	-13.00	-24.32

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Report Number :TERF2405001348ER  
Operation Mode :LTE B2  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1880 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-41.57	-29.88	-10.75	-0.94	-13.00	-28.57
133.790	-40.40	-37.36	-1.57	-1.47	-13.00	-27.40
334.580	-62.81	-64.58	4.07	-2.30	-13.00	-49.81
446.130	-64.82	-66.11	3.95	-2.66	-13.00	-51.82
744.890	-48.66	-48.68	3.42	-3.40	-13.00	-35.66
938.890	-59.42	-59.05	3.45	-3.82	-13.00	-46.42
3760.000	-42.68	-47.42	12.46	-7.72	-13.00	-29.68
5640.000	-41.18	-45.13	13.48	-9.53	-13.00	-28.18
7520.000	-33.63	-33.66	11.14	-11.11	-13.00	-20.63
9400.000	-34.51	-33.64	11.60	-12.47	-13.00	-21.51

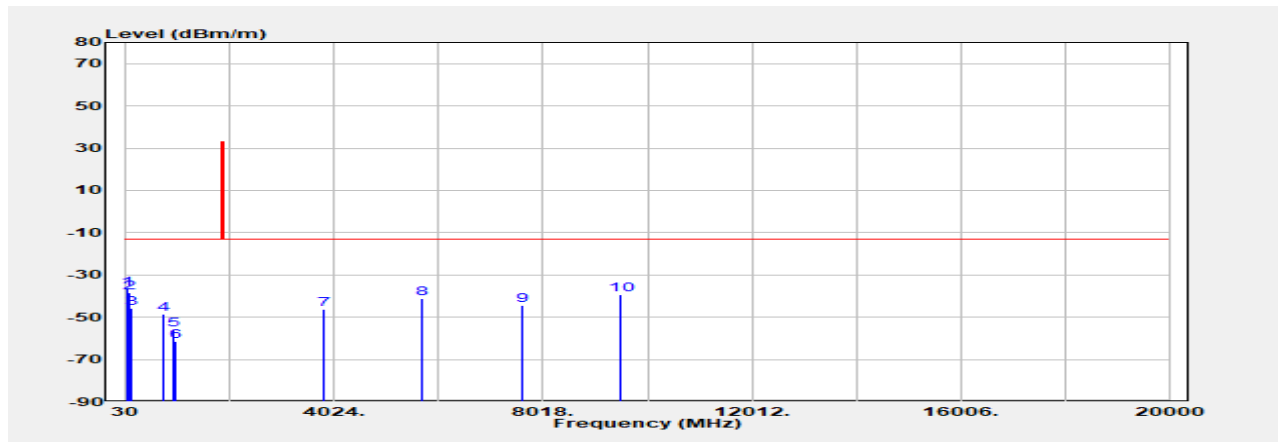
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Report Number :TERF2405001348ER  
Operation Mode :LTE B2  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1902.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



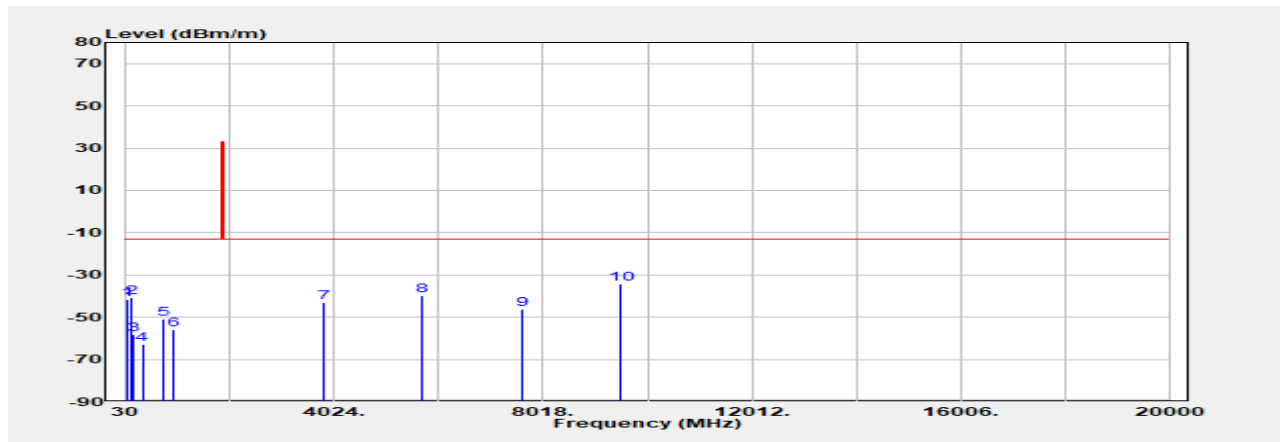
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.48	-24.79	-10.75	-0.94	-13.00	-23.48
109.540	-38.51	-35.76	-1.42	-1.33	-13.00	-25.51
138.640	-45.61	-42.32	-1.81	-1.48	-13.00	-32.61
744.890	-48.40	-48.42	3.42	-3.40	-13.00	-35.40
938.890	-56.07	-55.70	3.45	-3.82	-13.00	-43.07
992.240	-61.65	-61.64	3.91	-3.92	-13.00	-48.65
3805.000	-46.10	-50.61	12.30	-7.79	-13.00	-33.10
5707.500	-41.32	-45.07	13.29	-9.53	-13.00	-28.32
7610.000	-44.44	-44.61	11.34	-11.17	-13.00	-31.44
9512.500	-39.09	-38.37	11.83	-12.54	-13.00	-26.09

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Report Number :TERF2405001348ER  
Operation Mode :LTE B2  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1902.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-41.53	-29.84	-10.75	-0.94	-13.00	-28.53
133.790	-40.56	-37.52	-1.57	-1.47	-13.00	-27.56
184.230	-58.31	-58.51	1.94	-1.74	-13.00	-45.31
341.370	-62.96	-64.90	4.25	-2.31	-13.00	-49.96
744.890	-51.03	-51.05	3.42	-3.40	-13.00	-38.03
938.890	-56.11	-55.74	3.45	-3.82	-13.00	-43.11
3805.000	-43.20	-47.71	12.30	-7.79	-13.00	-30.20
5707.500	-39.76	-43.51	13.29	-9.53	-13.00	-26.76
7610.000	-46.08	-46.25	11.34	-11.17	-13.00	-33.08
9512.500	-34.39	-33.67	11.83	-12.54	-13.00	-21.39

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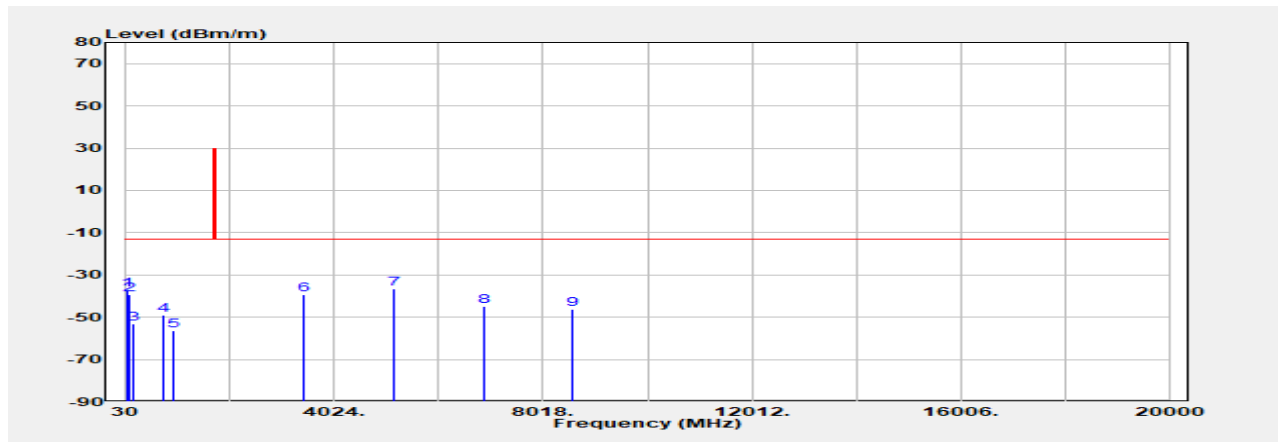
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Report Number :TERF2405001348ER  
Operation Mode :LTE B4  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1717.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-37.13	-25.44	-10.75	-0.94	-13.00	-24.13
108.570	-39.28	-36.53	-1.43	-1.32	-13.00	-26.28
182.290	-53.04	-52.94	1.62	-1.72	-13.00	-40.04
744.890	-49.08	-49.10	3.42	-3.40	-13.00	-36.08
938.890	-56.37	-56.00	3.45	-3.82	-13.00	-43.37
3435.000	-39.55	-44.69	12.53	-7.39	-13.00	-26.55
5152.500	-36.65	-39.93	12.42	-9.14	-13.00	-23.65
6870.000	-44.98	-46.50	12.12	-10.60	-13.00	-31.98
8587.500	-46.38	-46.10	11.60	-11.88	-13.00	-33.38

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Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B4

Test Date :2024-05-28

Test Mode :Tx

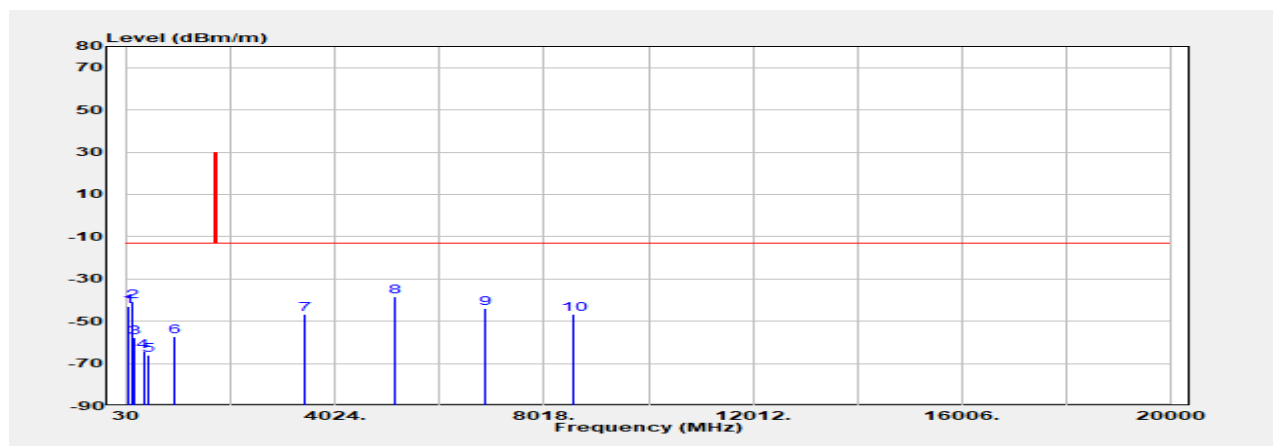
Temp./Humi. :22.3°C/61%

EUT Pol :H Plane

Antenna Pol. :Horizontal

Test Frequency :1717.5 MHz

Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-42.90	-31.21	-10.75	-0.94	-13.00	-29.90
133.790	-40.89	-37.85	-1.57	-1.47	-13.00	-27.89
181.320	-57.89	-57.65	1.48	-1.72	-13.00	-44.89
342.340	-64.26	-66.21	4.27	-2.32	-13.00	-51.26
440.310	-65.98	-67.29	3.95	-2.64	-13.00	-52.98
938.890	-57.31	-56.94	3.45	-3.82	-13.00	-44.31
3435.000	-46.49	-51.63	12.53	-7.39	-13.00	-33.49
5152.500	-38.23	-41.51	12.42	-9.14	-13.00	-25.23
6870.000	-43.70	-45.22	12.12	-10.60	-13.00	-30.70
8587.500	-46.64	-46.36	11.60	-11.88	-13.00	-33.64

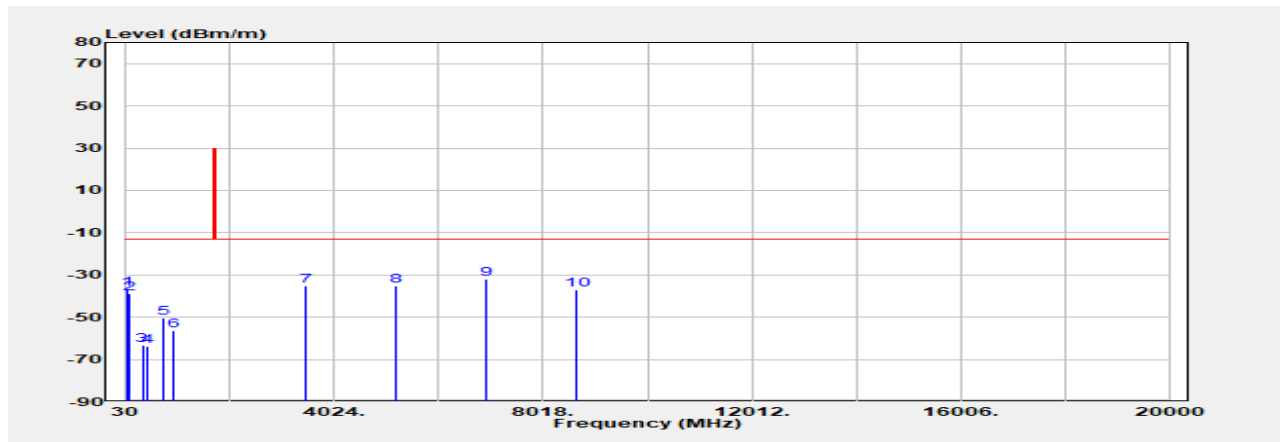
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Report Number :TERF2405001348ER  
Operation Mode :LTE B4  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1732.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



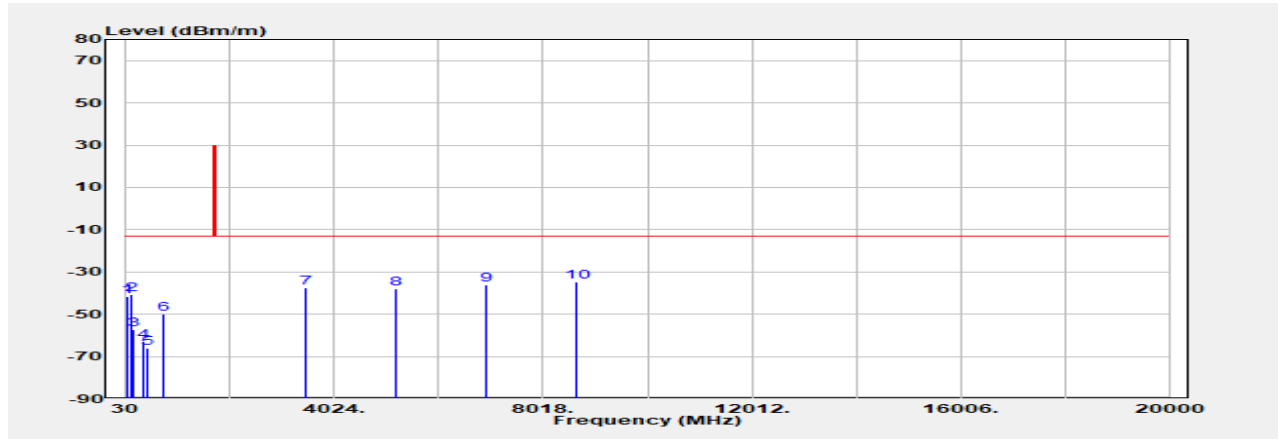
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
53.280	-36.52	-24.61	-10.98	-0.93	-13.00	-23.52
109.540	-38.88	-36.13	-1.42	-1.33	-13.00	-25.88
341.370	-63.23	-65.17	4.25	-2.31	-13.00	-50.23
448.070	-63.63	-64.90	3.94	-2.67	-13.00	-50.63
744.890	-50.26	-50.28	3.42	-3.40	-13.00	-37.26
938.890	-56.57	-56.20	3.45	-3.82	-13.00	-43.57
3465.000	-35.24	-40.24	12.44	-7.44	-13.00	-22.24
5197.500	-35.34	-38.80	12.69	-9.22	-13.00	-22.34
6930.000	-31.95	-33.23	11.94	-10.66	-13.00	-18.95
8662.500	-36.88	-36.64	11.68	-11.92	-13.00	-23.88

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Report Number :TERF2405001348ER  
Operation Mode :LTE B4  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1732.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



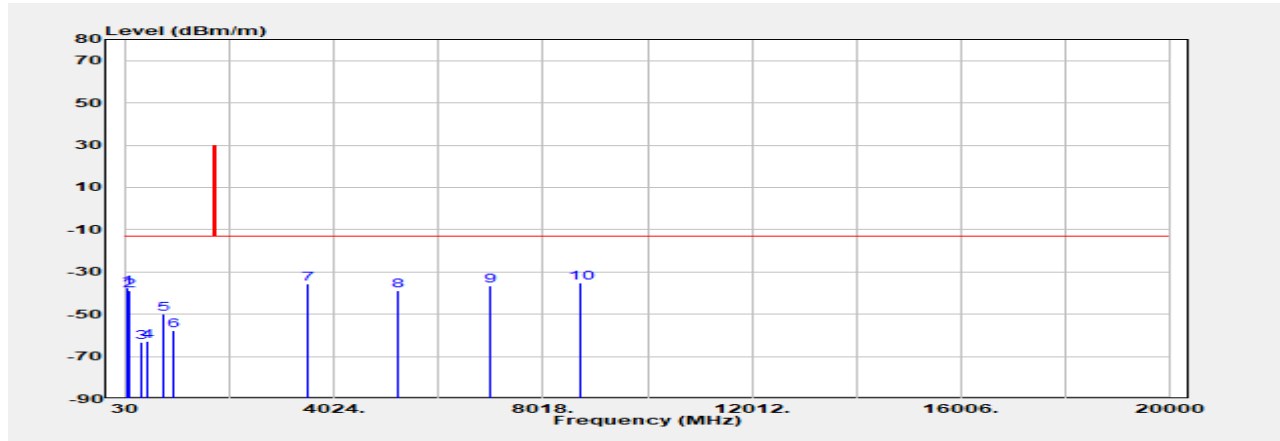
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-41.79	-30.10	-10.75	-0.94	-13.00	-28.79
132.820	-40.65	-37.68	-1.50	-1.47	-13.00	-27.65
182.290	-57.29	-57.19	1.62	-1.72	-13.00	-44.29
344.280	-62.78	-64.77	4.32	-2.33	-13.00	-49.78
444.190	-65.83	-67.12	3.95	-2.66	-13.00	-52.83
745.860	-49.83	-49.86	3.43	-3.40	-13.00	-36.83
3465.000	-37.42	-42.42	12.44	-7.44	-13.00	-24.42
5197.500	-37.91	-41.37	12.69	-9.22	-13.00	-24.91
6930.000	-36.23	-37.51	11.94	-10.66	-13.00	-23.23
8662.500	-34.76	-34.52	11.68	-11.92	-13.00	-21.76

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Report Number :TERF2405001348ER  
Operation Mode :LTE B4  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1747.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



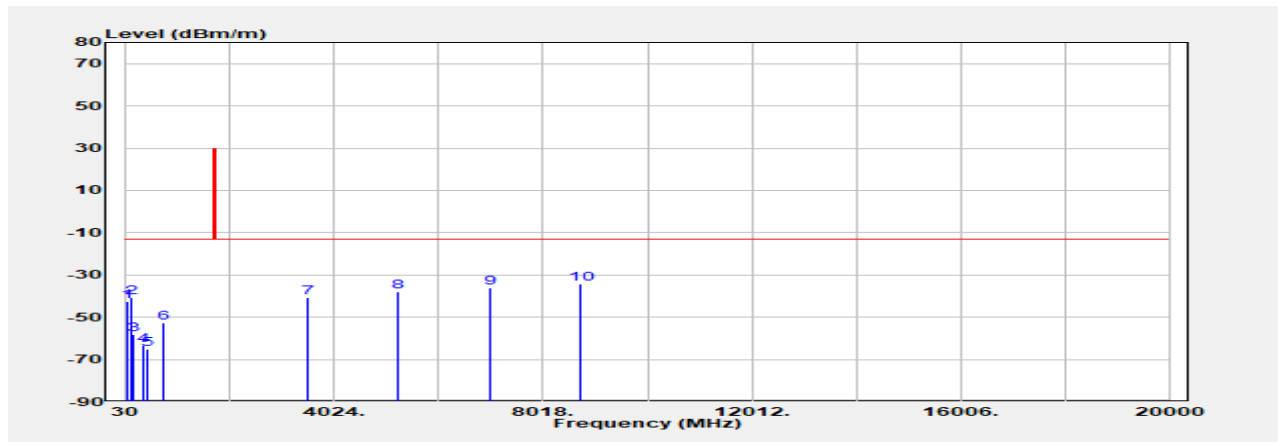
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-37.41	-25.72	-10.75	-0.94	-13.00	-24.41
108.570	-38.94	-36.19	-1.43	-1.32	-13.00	-25.94
337.490	-63.24	-65.08	4.14	-2.30	-13.00	-50.24
438.370	-62.76	-64.08	3.95	-2.63	-13.00	-49.76
744.890	-50.00	-50.02	3.42	-3.40	-13.00	-37.00
938.890	-57.57	-57.20	3.45	-3.82	-13.00	-44.57
3495.000	-35.54	-40.36	12.32	-7.50	-13.00	-22.54
5242.500	-39.05	-42.85	13.04	-9.24	-13.00	-26.05
6990.000	-36.74	-37.82	11.74	-10.66	-13.00	-23.74
8737.500	-35.21	-34.79	11.53	-11.95	-13.00	-22.21

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Report Number :TERF2405001348ER  
Operation Mode :LTE B4  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1747.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



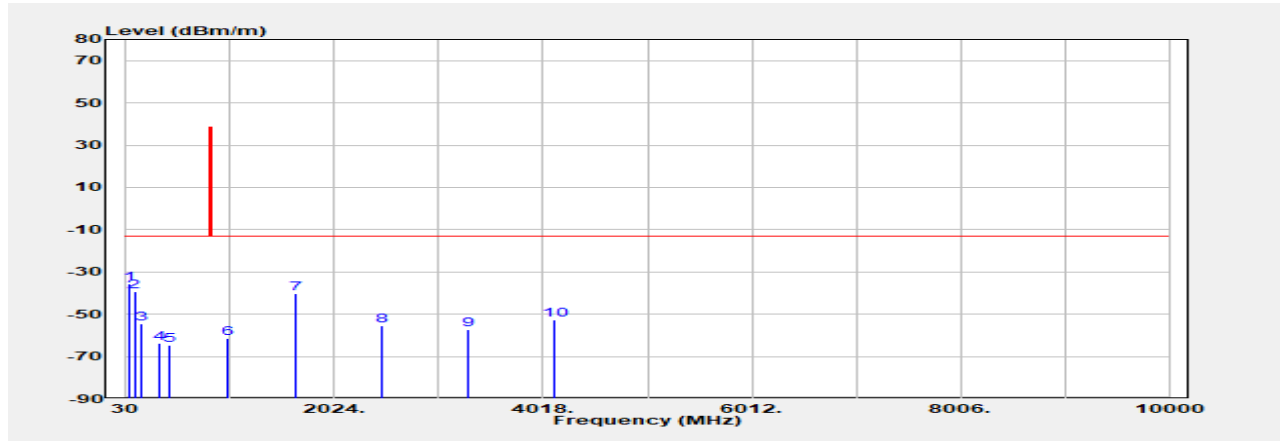
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-42.41	-30.72	-10.75	-0.94	-13.00	-29.41
133.790	-40.49	-37.45	-1.57	-1.47	-13.00	-27.49
182.290	-58.19	-58.09	1.62	-1.72	-13.00	-45.19
343.310	-63.20	-65.17	4.30	-2.33	-13.00	-50.20
447.100	-64.98	-66.26	3.95	-2.67	-13.00	-51.98
744.890	-52.78	-52.80	3.42	-3.40	-13.00	-39.78
3495.000	-40.72	-45.54	12.32	-7.50	-13.00	-27.72
5242.500	-37.95	-41.75	13.04	-9.24	-13.00	-24.95
6990.000	-36.29	-37.37	11.74	-10.66	-13.00	-23.29
8737.500	-34.40	-33.98	11.53	-11.95	-13.00	-21.40

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Report Number :TERF2405001348ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :825.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-35.82	-24.13	-10.75	-0.94	-13.00	-22.82
108.570	-39.23	-36.48	-1.43	-1.32	-13.00	-26.23
181.320	-54.65	-54.41	1.48	-1.72	-13.00	-41.65
342.340	-63.89	-65.84	4.27	-2.32	-13.00	-50.89
443.220	-64.54	-65.84	3.95	-2.65	-13.00	-51.54
998.060	-61.28	-61.30	3.96	-3.94	-13.00	-48.28
1651.000	-40.08	-44.54	9.51	-5.05	-13.00	-27.08
2476.500	-55.59	-59.85	10.50	-6.24	-13.00	-42.59
3302.000	-57.49	-62.63	12.31	-7.17	-13.00	-44.49
4127.500	-52.86	-57.28	12.55	-8.12	-13.00	-39.86

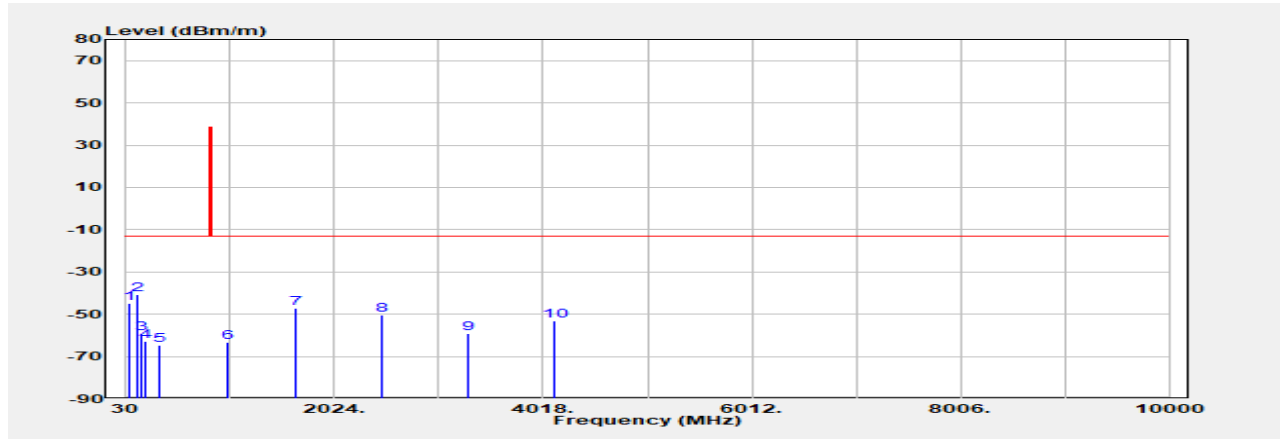
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Report Number :TERF2405001348ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :825.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-44.84	-33.15	-10.75	-0.94	-13.00	-31.84
133.790	-40.90	-37.86	-1.57	-1.47	-13.00	-27.90
181.320	-59.05	-58.81	1.48	-1.72	-13.00	-46.05
215.270	-62.71	-65.59	4.75	-1.87	-13.00	-49.71
340.400	-64.80	-66.72	4.22	-2.30	-13.00	-51.80
996.120	-63.12	-63.13	3.95	-3.94	-13.00	-50.12
1651.000	-47.12	-51.58	9.51	-5.05	-13.00	-34.12
2476.500	-50.42	-54.68	10.50	-6.24	-13.00	-37.42
3302.000	-59.03	-64.17	12.31	-7.17	-13.00	-46.03
4127.500	-53.29	-57.71	12.55	-8.12	-13.00	-40.29

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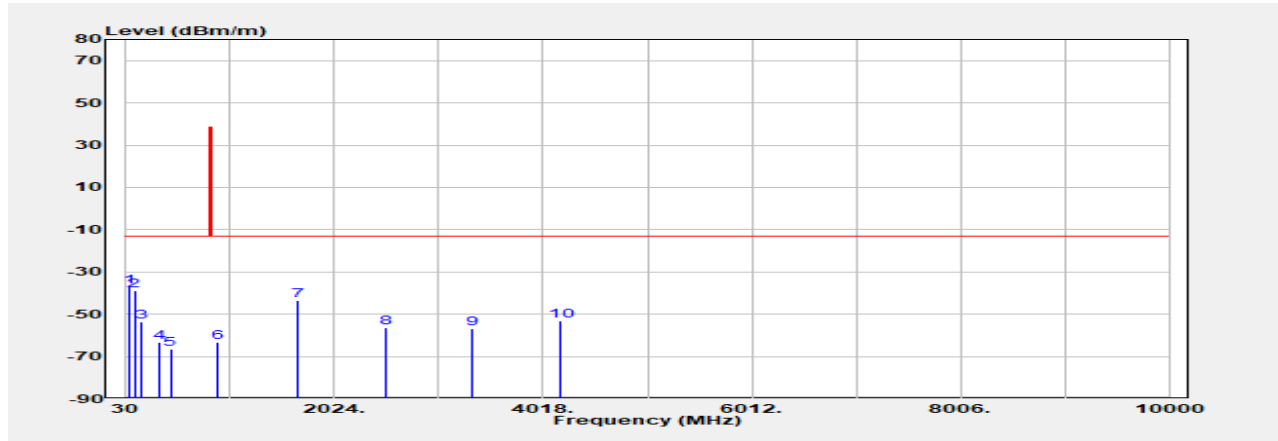
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Report Number :TERF2405001348ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :836.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.92	-25.23	-10.75	-0.94	-13.00	-23.92
108.570	-38.97	-36.22	-1.43	-1.32	-13.00	-25.97
182.290	-53.82	-53.72	1.62	-1.72	-13.00	-40.82
345.250	-63.50	-65.51	4.35	-2.34	-13.00	-50.50
453.890	-66.38	-67.71	4.02	-2.69	-13.00	-53.38
904.940	-63.20	-63.17	3.71	-3.74	-13.00	-50.20
1673.000	-43.38	-48.14	9.83	-5.07	-13.00	-30.38
2509.500	-56.52	-60.84	10.61	-6.28	-13.00	-43.52
3346.000	-57.03	-62.37	12.58	-7.24	-13.00	-44.03
4182.500	-53.36	-57.78	12.63	-8.21	-13.00	-40.36

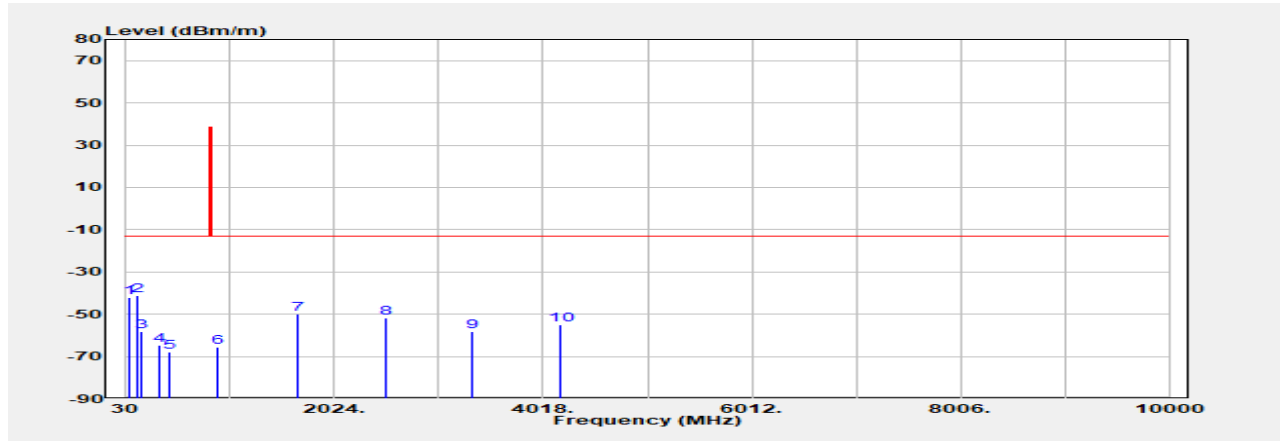
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Report Number :TERF2405001348ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :836.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-42.14	-30.45	-10.75	-0.94	-13.00	-29.14
133.790	-40.94	-37.90	-1.57	-1.47	-13.00	-27.94
182.290	-58.43	-58.33	1.62	-1.72	-13.00	-45.43
352.040	-64.52	-66.64	4.47	-2.35	-13.00	-51.52
441.280	-67.85	-69.15	3.95	-2.65	-13.00	-54.85
905.910	-65.41	-65.35	3.68	-3.74	-13.00	-52.41
1673.000	-49.82	-54.58	9.83	-5.07	-13.00	-36.82
2509.500	-51.74	-56.06	10.61	-6.28	-13.00	-38.74
3346.000	-58.24	-63.58	12.58	-7.24	-13.00	-45.24
4182.500	-55.17	-59.59	12.63	-8.21	-13.00	-42.17

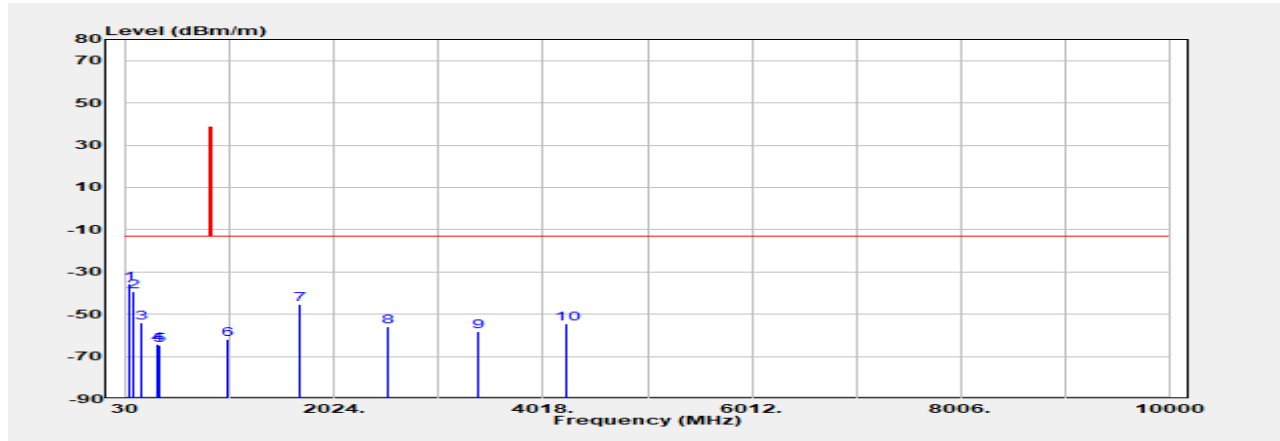
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Report Number :TERF2405001348ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :847.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-35.71	-24.02	-10.75	-0.94	-13.00	-22.71
107.600	-39.23	-36.68	-1.24	-1.31	-13.00	-26.23
182.290	-53.90	-53.80	1.62	-1.72	-13.00	-40.90
323.910	-64.30	-66.07	4.03	-2.26	-13.00	-51.30
342.340	-64.85	-66.80	4.27	-2.32	-13.00	-51.85
992.240	-61.91	-61.90	3.91	-3.92	-13.00	-48.91
1695.000	-45.12	-49.97	9.95	-5.10	-13.00	-32.12
2542.500	-55.87	-60.15	10.63	-6.35	-13.00	-42.87
3390.000	-58.23	-63.51	12.60	-7.32	-13.00	-45.23
4237.500	-54.35	-58.72	12.63	-8.25	-13.00	-41.35

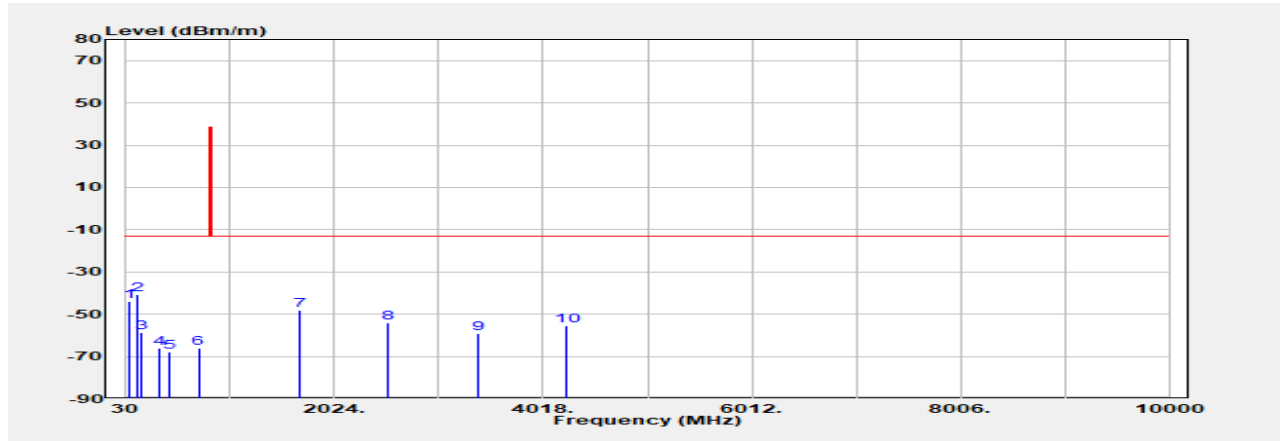
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Report Number :TERF2405001348ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :847.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-44.15	-32.46	-10.75	-0.94	-13.00	-31.15
133.790	-40.77	-37.73	-1.57	-1.47	-13.00	-27.77
180.350	-58.67	-58.23	1.27	-1.71	-13.00	-45.67
340.400	-65.89	-67.81	4.22	-2.30	-13.00	-52.89
443.220	-67.68	-68.98	3.95	-2.65	-13.00	-54.68
722.580	-66.19	-66.30	3.46	-3.35	-13.00	-53.19
1695.000	-48.05	-52.90	9.95	-5.10	-13.00	-35.05
2542.500	-54.22	-58.50	10.63	-6.35	-13.00	-41.22
3390.000	-58.90	-64.18	12.60	-7.32	-13.00	-45.90
4237.500	-55.33	-59.70	12.63	-8.25	-13.00	-42.33

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Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B7

Test Date :2024-08-18

Test Mode :Tx

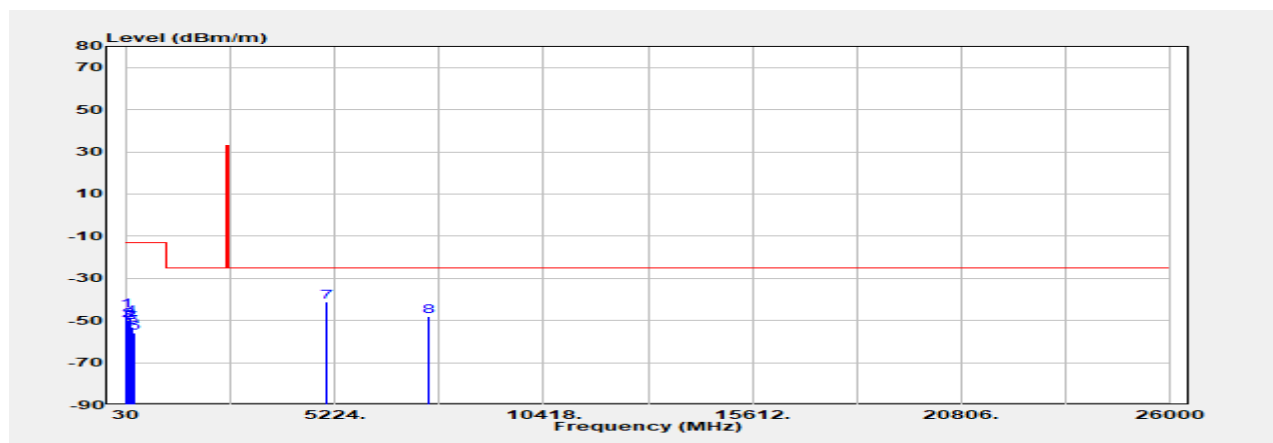
Temp./Humi. :21.9°C/65%

EUT Pol :H Plane

Antenna Pol. :Vertical

Test Frequency :2510 MHz

Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.29	-31.27	-13.31	-0.71	-13.00	-32.29
72.680	-50.03	-43.66	-5.28	-1.09	-13.00	-37.03
92.080	-51.04	-49.27	-0.57	-1.20	-13.00	-38.04
121.180	-48.46	-45.95	-1.10	-1.41	-13.00	-35.46
150.280	-53.27	-49.96	-1.78	-1.53	-13.00	-40.27
192.960	-56.14	-57.78	3.38	-1.74	-13.00	-43.14
5020.000	-41.03	-44.62	12.52	-8.93	-25.00	-16.03
7530.000	-48.09	-48.13	11.16	-11.12	-25.00	-23.09

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Member of SGS Group

Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B7

Test Date :2024-08-18

Test Mode :Tx

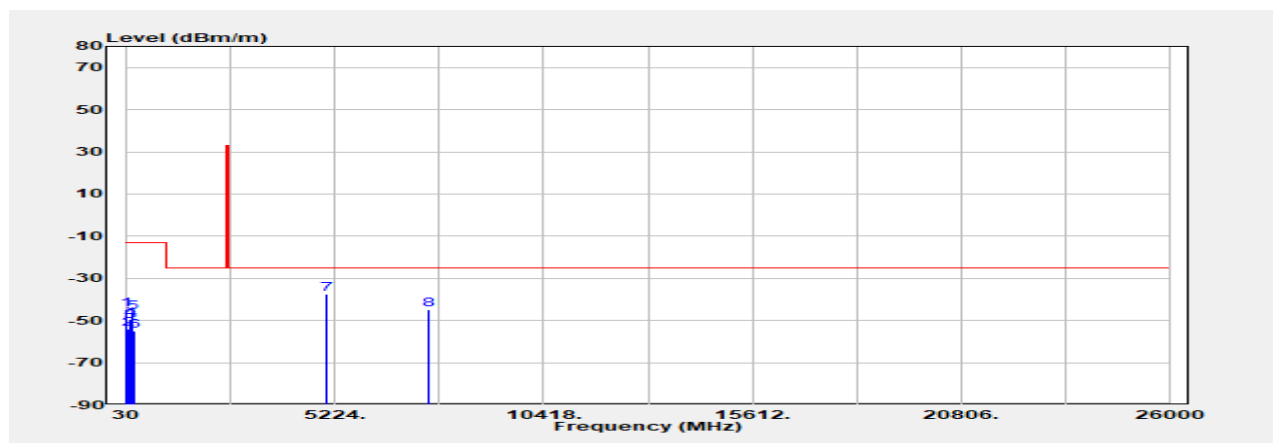
Temp./Humi. :21.9°C/65%

EUT Pol :H Plane

Antenna Pol. :Horizontal

Test Frequency :2510 MHz

Engineer :Howard Huang



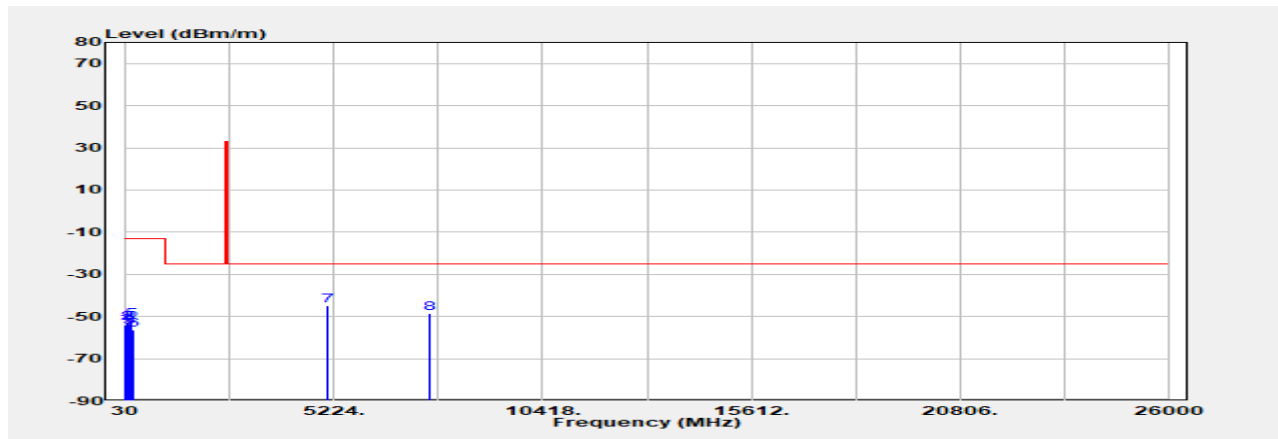
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-44.76	-30.74	-13.31	-0.71	-13.00	-31.76
72.680	-53.87	-47.50	-5.28	-1.09	-13.00	-40.87
91.110	-50.60	-48.77	-0.63	-1.20	-13.00	-37.60
124.090	-49.43	-47.04	-0.98	-1.41	-13.00	-36.43
140.580	-46.21	-42.94	-1.78	-1.49	-13.00	-33.21
194.900	-54.90	-56.72	3.58	-1.76	-13.00	-41.90
5020.000	-37.40	-40.99	12.52	-8.93	-25.00	-12.40
7530.000	-44.84	-44.88	11.16	-11.12	-25.00	-19.84

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Report Number :TERF2405001348ER  
Operation Mode :LTE B7  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2535 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



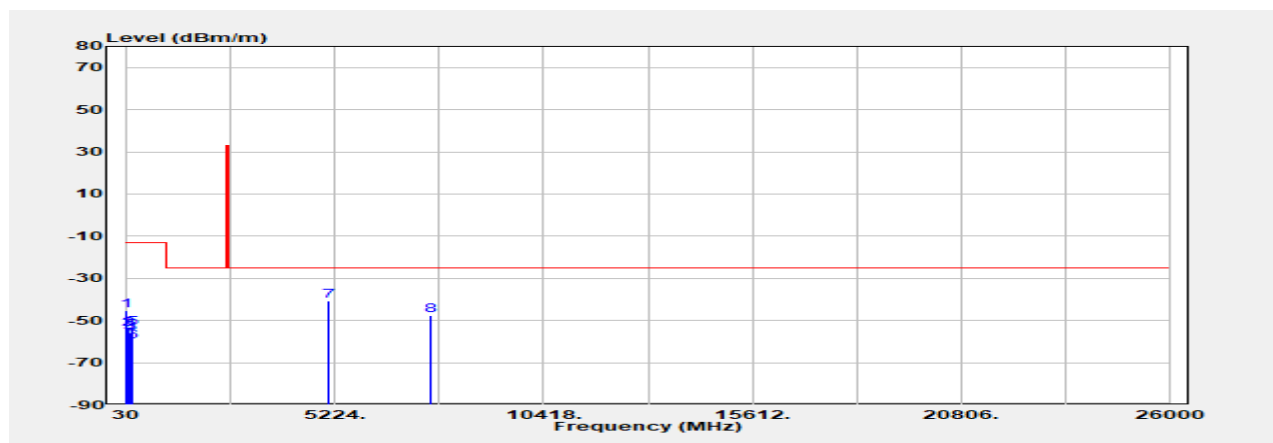
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-54.07	-39.79	-13.55	-0.73	-13.00	-41.07
71.710	-53.13	-46.22	-5.83	-1.08	-13.00	-40.13
92.080	-55.15	-53.38	-0.57	-1.20	-13.00	-42.15
119.240	-53.43	-50.79	-1.24	-1.40	-13.00	-40.43
146.400	-51.97	-48.45	-1.99	-1.53	-13.00	-38.97
195.870	-56.26	-58.20	3.71	-1.77	-13.00	-43.26
5070.000	-44.95	-48.31	12.36	-9.00	-25.00	-19.95
7605.000	-48.34	-48.49	11.32	-11.17	-25.00	-23.34

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Report Number :TERF2405001348ER  
Operation Mode :LTE B7  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2535 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.21	-31.19	-13.31	-0.71	-13.00	-32.21
72.680	-54.16	-47.79	-5.28	-1.09	-13.00	-41.16
92.080	-55.87	-54.10	-0.57	-1.20	-13.00	-42.87
123.120	-56.47	-53.87	-1.19	-1.41	-13.00	-43.47
147.370	-53.44	-49.94	-1.97	-1.53	-13.00	-40.44
180.350	-60.13	-59.69	1.27	-1.71	-13.00	-47.13
5070.000	-40.91	-44.27	12.36	-9.00	-25.00	-15.91
7605.000	-47.76	-47.91	11.32	-11.17	-25.00	-22.76

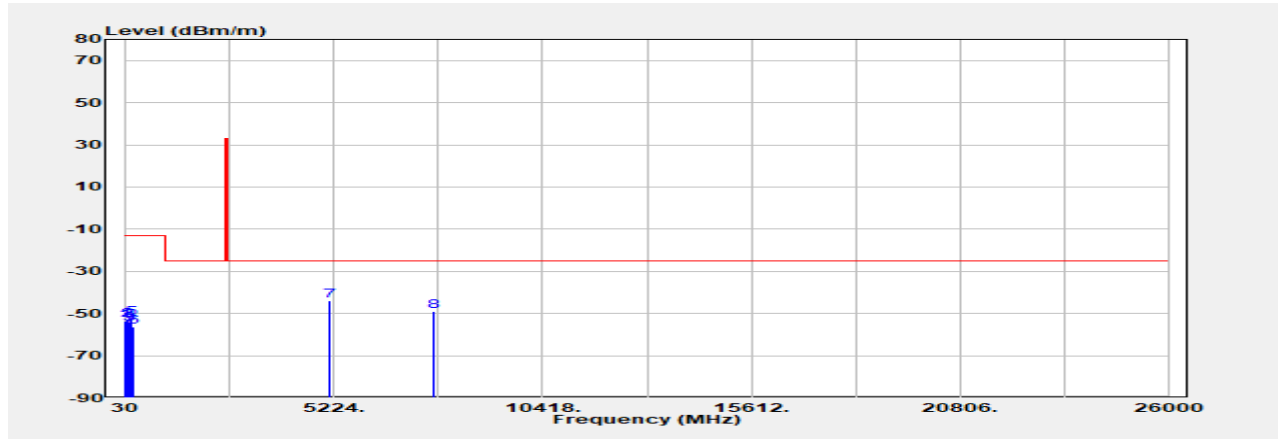
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Report Number :TERF2405001348ER  
Operation Mode :LTE B7  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2560 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



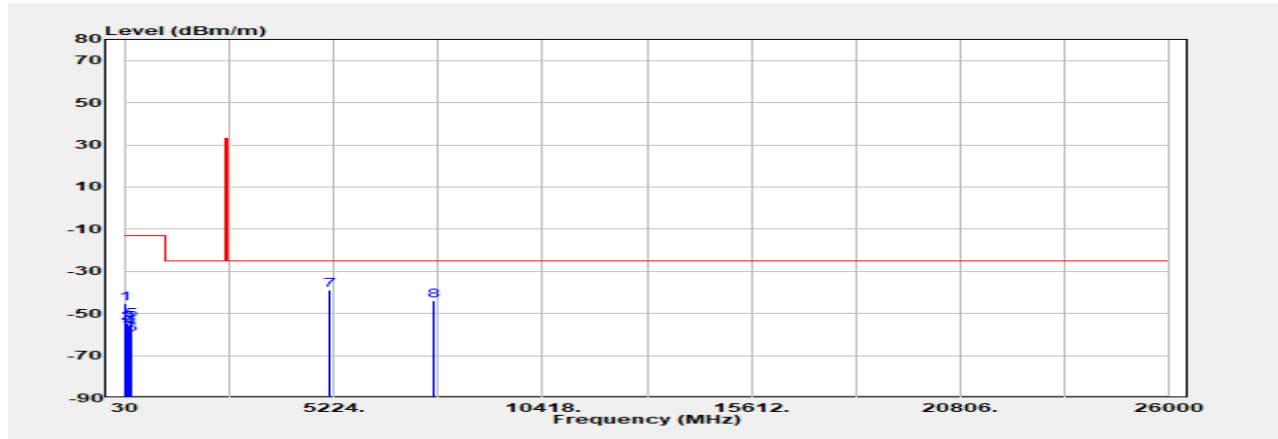
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-53.76	-39.48	-13.55	-0.73	-13.00	-40.76
72.680	-53.22	-46.85	-5.28	-1.09	-13.00	-40.22
91.110	-54.96	-53.13	-0.63	-1.20	-13.00	-41.96
123.120	-53.92	-51.32	-1.19	-1.41	-13.00	-40.92
146.400	-52.14	-48.62	-1.99	-1.53	-13.00	-39.14
196.840	-56.27	-58.35	3.85	-1.77	-13.00	-43.27
5120.000	-43.80	-47.03	12.34	-9.11	-25.00	-18.80
7680.000	-48.96	-49.36	11.56	-11.16	-25.00	-23.96

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Report Number :TERF2405001348ER  
Operation Mode :LTE B7  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2560 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



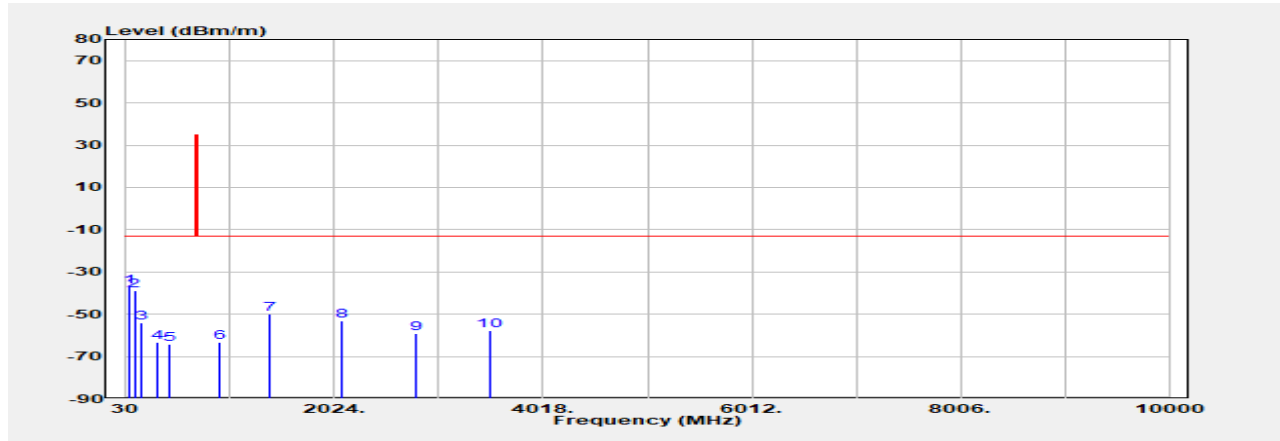
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.31	-31.29	-13.31	-0.71	-13.00	-32.31
71.710	-54.42	-47.51	-5.83	-1.08	-13.00	-41.42
92.080	-55.51	-53.74	-0.57	-1.20	-13.00	-42.51
122.150	-56.91	-54.22	-1.28	-1.41	-13.00	-43.91
145.430	-53.02	-49.64	-1.85	-1.53	-13.00	-40.02
180.350	-59.95	-59.51	1.27	-1.71	-13.00	-46.95
5120.000	-38.71	-41.94	12.34	-9.11	-25.00	-13.71
7680.000	-43.71	-44.11	11.56	-11.16	-25.00	-18.71

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Report Number :TERF2405001348ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :700.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.97	-25.28	-10.75	-0.94	-13.00	-23.97
108.570	-38.90	-36.15	-1.43	-1.32	-13.00	-25.90
183.260	-54.06	-54.10	1.77	-1.73	-13.00	-41.06
326.820	-63.21	-64.93	3.99	-2.27	-13.00	-50.21
439.340	-64.17	-65.48	3.95	-2.64	-13.00	-51.17
914.640	-63.26	-63.18	3.70	-3.78	-13.00	-50.26
1401.000	-49.98	-53.02	7.70	-4.66	-13.00	-36.98
2101.500	-53.01	-57.27	9.97	-5.71	-13.00	-40.01
2802.000	-59.13	-63.35	10.90	-6.68	-13.00	-46.13
3502.500	-57.56	-62.35	12.30	-7.51	-13.00	-44.56

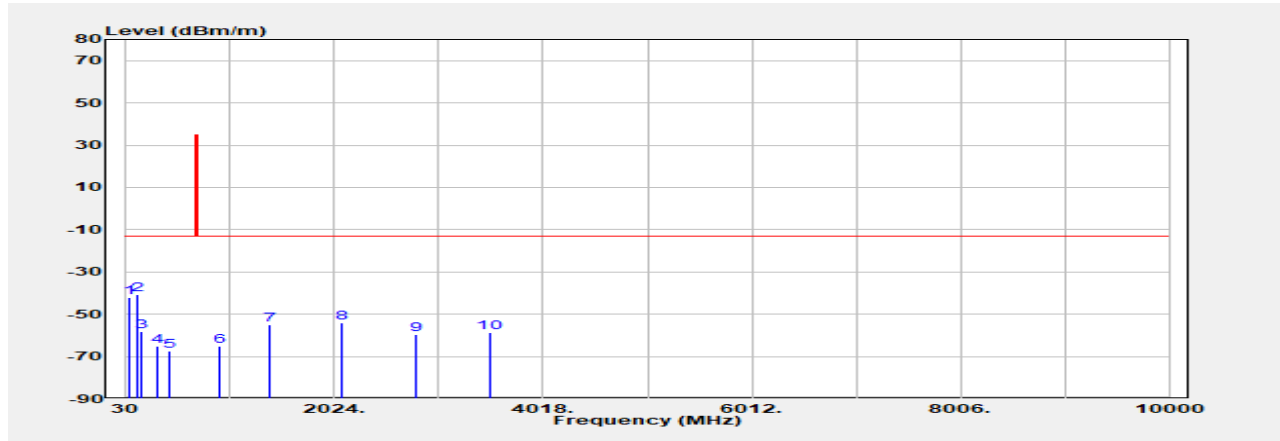
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Report Number :TERF2405001348ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :700.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-42.24	-30.55	-10.75	-0.94	-13.00	-29.24
132.820	-40.76	-37.79	-1.50	-1.47	-13.00	-27.76
181.320	-58.40	-58.16	1.48	-1.72	-13.00	-45.40
323.910	-64.97	-66.74	4.03	-2.26	-13.00	-51.97
445.160	-67.20	-68.49	3.95	-2.66	-13.00	-54.20
924.340	-65.06	-64.88	3.61	-3.79	-13.00	-52.06
1401.000	-54.89	-57.93	7.70	-4.66	-13.00	-41.89
2101.500	-54.01	-58.27	9.97	-5.71	-13.00	-41.01
2802.000	-59.41	-63.63	10.90	-6.68	-13.00	-46.41
3502.500	-58.73	-63.52	12.30	-7.51	-13.00	-45.73

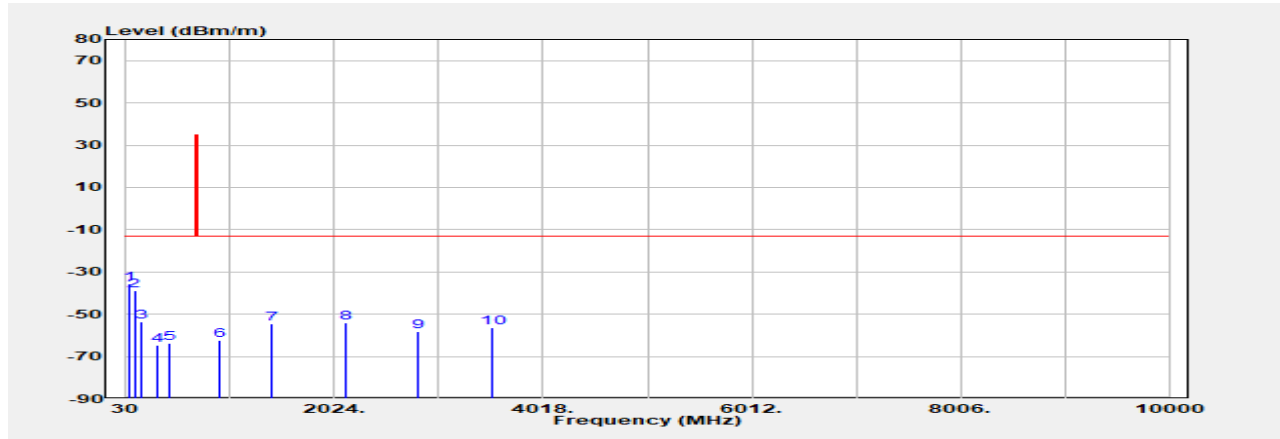
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Report Number :TERF2405001348ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :707.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



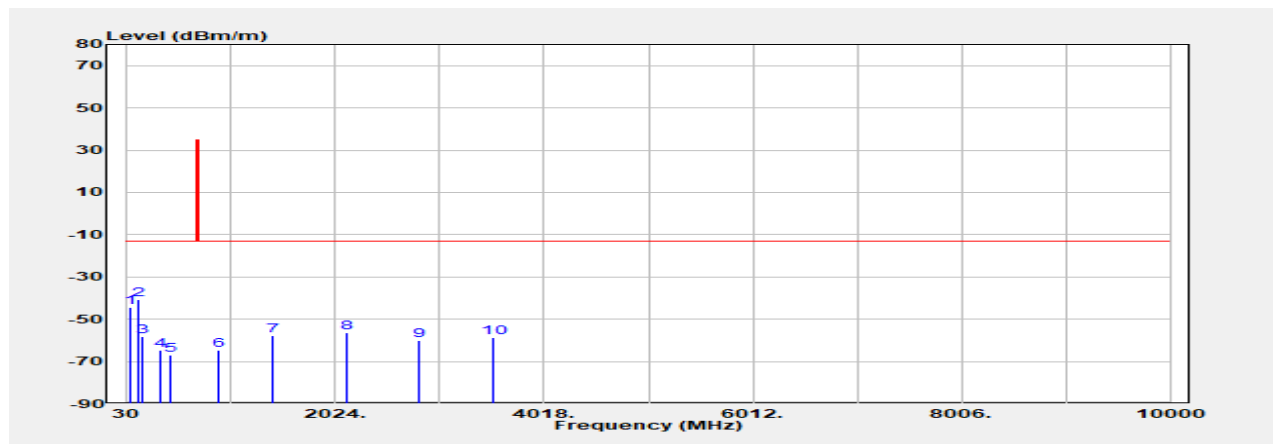
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-35.58	-23.89	-10.75	-0.94	-13.00	-22.58
108.570	-39.01	-36.26	-1.43	-1.32	-13.00	-26.01
184.230	-53.76	-53.96	1.94	-1.74	-13.00	-40.76
322.940	-64.57	-66.35	4.04	-2.26	-13.00	-51.57
441.280	-63.93	-65.23	3.95	-2.65	-13.00	-50.93
917.550	-62.16	-62.05	3.68	-3.79	-13.00	-49.16
1415.000	-54.39	-57.40	7.70	-4.69	-13.00	-41.39
2122.500	-54.12	-58.18	9.83	-5.76	-13.00	-41.12
2830.000	-58.42	-62.60	10.90	-6.72	-13.00	-45.42
3537.500	-56.24	-61.03	12.30	-7.51	-13.00	-43.24

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Report Number :TERF2405001348ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :707.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-44.54	-32.85	-10.75	-0.94	-13.00	-31.54
132.820	-40.89	-37.92	-1.50	-1.47	-13.00	-27.89
180.350	-58.41	-57.97	1.27	-1.71	-13.00	-45.41
353.010	-64.73	-66.85	4.47	-2.35	-13.00	-51.73
441.280	-66.85	-68.15	3.95	-2.65	-13.00	-53.85
908.820	-64.66	-64.50	3.60	-3.76	-13.00	-51.66
1415.000	-57.78	-60.79	7.70	-4.69	-13.00	-44.78
2122.500	-56.50	-60.56	9.83	-5.76	-13.00	-43.50
2830.000	-59.93	-64.11	10.90	-6.72	-13.00	-46.93
3537.500	-58.53	-63.32	12.30	-7.51	-13.00	-45.53

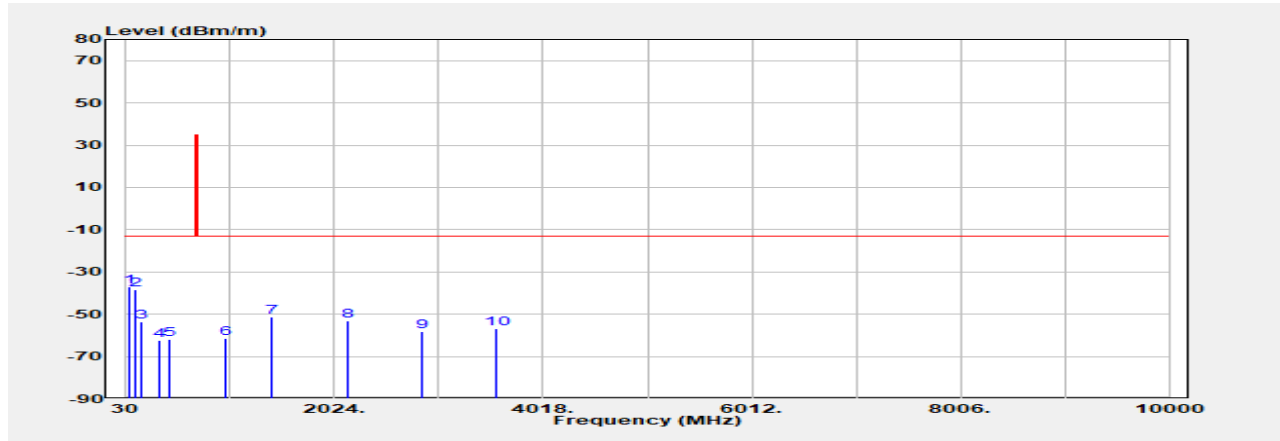
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Report Number :TERF2405001348ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :714.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.92	-25.23	-10.75	-0.94	-13.00	-23.92
109.540	-38.50	-35.75	-1.42	-1.33	-13.00	-25.50
182.290	-53.76	-53.66	1.62	-1.72	-13.00	-40.76
339.430	-62.18	-64.08	4.20	-2.30	-13.00	-49.18
438.370	-62.03	-63.35	3.95	-2.63	-13.00	-49.03
988.360	-61.60	-61.58	3.88	-3.90	-13.00	-48.60
1429.000	-51.49	-54.57	7.79	-4.71	-13.00	-38.49
2143.500	-53.04	-56.93	9.70	-5.81	-13.00	-40.04
2858.000	-58.23	-62.37	10.88	-6.74	-13.00	-45.23
3572.500	-57.00	-61.73	12.26	-7.53	-13.00	-44.00

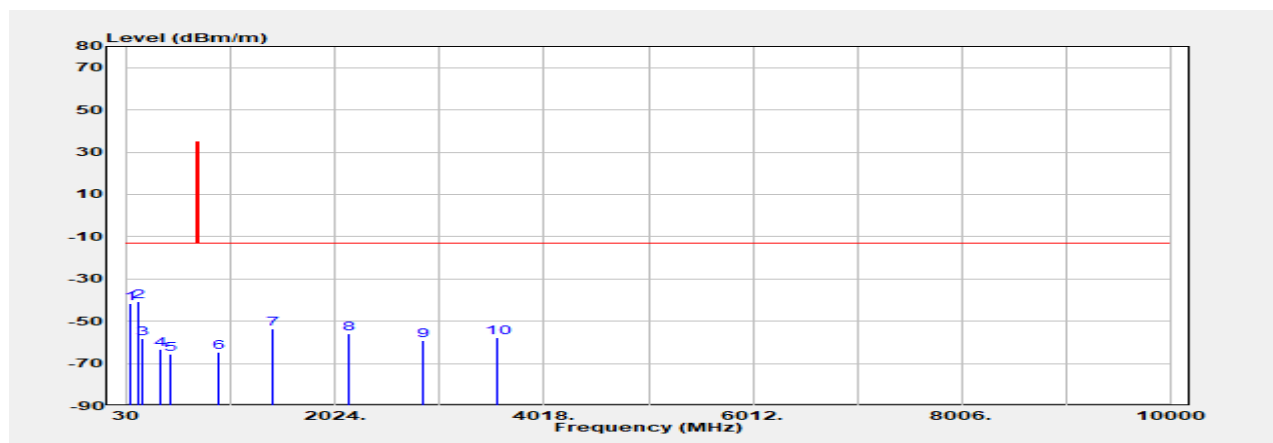
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Report Number :TERF2405001348ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :714.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
54.250	-41.67	-29.98	-10.75	-0.94	-13.00	-28.67
133.790	-40.74	-37.70	-1.57	-1.47	-13.00	-27.74
180.350	-58.23	-57.79	1.27	-1.71	-13.00	-45.23
352.040	-63.29	-65.41	4.47	-2.35	-13.00	-50.29
440.310	-65.73	-67.04	3.95	-2.64	-13.00	-52.73
912.700	-64.55	-64.42	3.64	-3.77	-13.00	-51.55
1429.000	-53.63	-56.71	7.79	-4.71	-13.00	-40.63
2143.500	-55.90	-59.79	9.70	-5.81	-13.00	-42.90
2858.000	-59.21	-63.35	10.88	-6.74	-13.00	-46.21
3572.500	-57.64	-62.37	12.26	-7.53	-13.00	-44.64

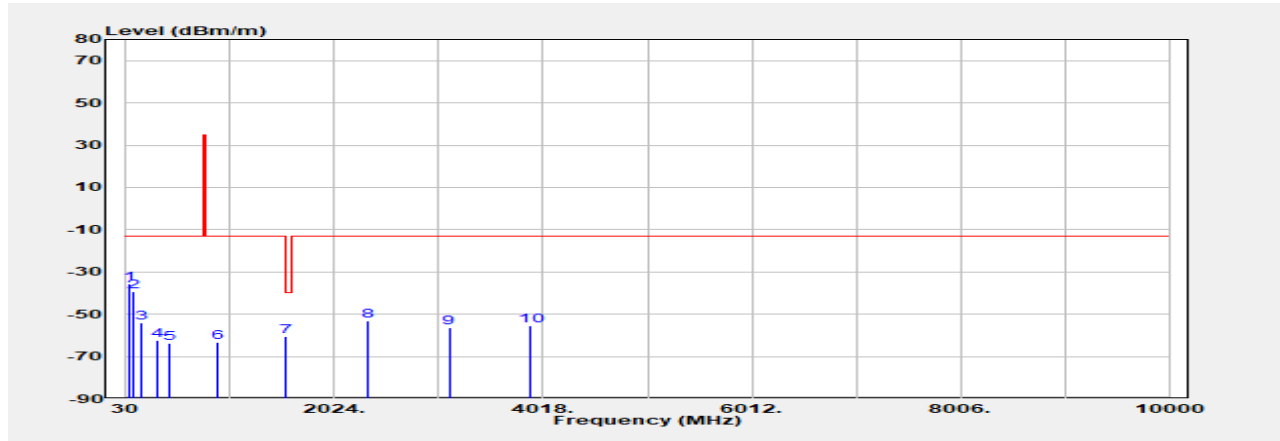
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Report Number :TERF2405001348ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :779.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-35.66	-23.97	-10.75	-0.94	-13.00	-22.66
107.600	-39.23	-36.68	-1.24	-1.31	-13.00	-26.23
182.290	-54.17	-54.07	1.62	-1.72	-13.00	-41.17
332.640	-62.55	-64.28	4.02	-2.29	-13.00	-49.55
443.220	-63.62	-64.92	3.95	-2.65	-13.00	-50.62
909.790	-63.43	-63.24	3.57	-3.76	-13.00	-50.43
1559.000	-60.74	-64.90	9.10	-4.94	-40.00	-20.74
2338.500	-53.14	-56.94	9.80	-6.00	-13.00	-40.14
3118.000	-56.37	-60.61	11.29	-7.05	-13.00	-43.37
3897.500	-55.58	-60.25	12.59	-7.91	-13.00	-42.58

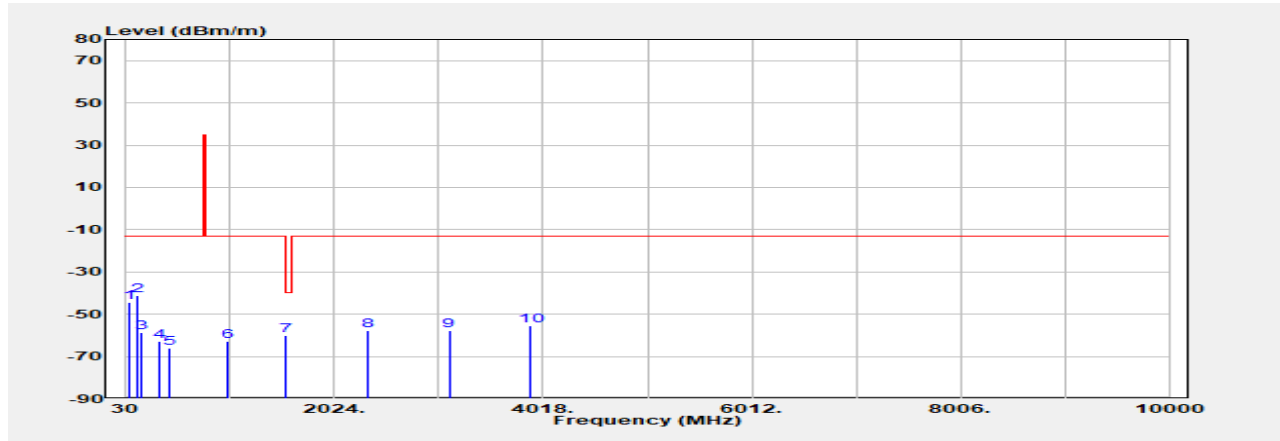
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Report Number :TERF2405001348ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :779.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-44.57	-32.88	-10.75	-0.94	-13.00	-31.57
133.790	-41.07	-38.03	-1.57	-1.47	-13.00	-28.07
181.320	-58.58	-58.34	1.48	-1.72	-13.00	-45.58
351.070	-62.93	-65.05	4.46	-2.34	-13.00	-49.93
443.220	-66.17	-67.47	3.95	-2.65	-13.00	-53.17
996.120	-62.77	-62.78	3.95	-3.94	-13.00	-49.77
1559.000	-59.83	-63.99	9.10	-4.94	-40.00	-19.83
2338.500	-57.64	-61.44	9.80	-6.00	-13.00	-44.64
3118.000	-57.80	-62.04	11.29	-7.05	-13.00	-44.80
3897.500	-55.67	-60.34	12.59	-7.91	-13.00	-42.67

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SGS Taiwan Ltd.

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

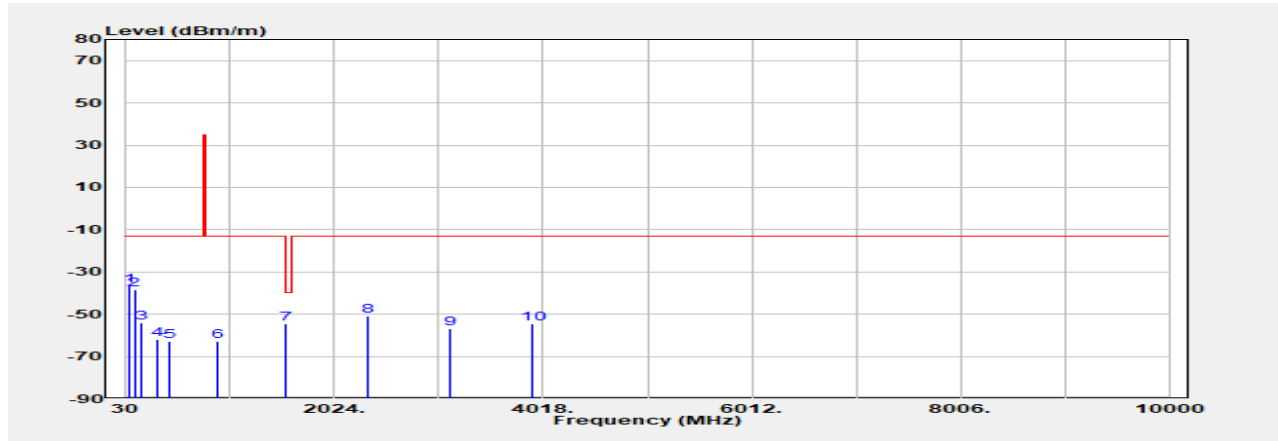
f (886-2) 2298-0488

[www.sgs.com.tw](http://www.sgs.com.tw)

Member of SGS Group

Report Number :TERF2405001348ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :782 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.58	-24.89	-10.75	-0.94	-13.00	-23.58
108.570	-38.37	-35.62	-1.43	-1.32	-13.00	-25.37
183.260	-54.02	-54.06	1.77	-1.73	-13.00	-41.02
328.760	-62.04	-63.73	3.97	-2.28	-13.00	-49.04
442.250	-62.72	-64.02	3.95	-2.65	-13.00	-49.72
910.760	-62.91	-62.73	3.58	-3.76	-13.00	-49.91
1564.000	-54.45	-58.60	9.10	-4.95	-40.00	-14.45
2346.000	-50.91	-54.71	9.80	-6.00	-13.00	-37.91
3128.000	-56.69	-60.86	11.23	-7.06	-13.00	-43.69
3910.000	-54.59	-59.26	12.58	-7.91	-13.00	-41.59

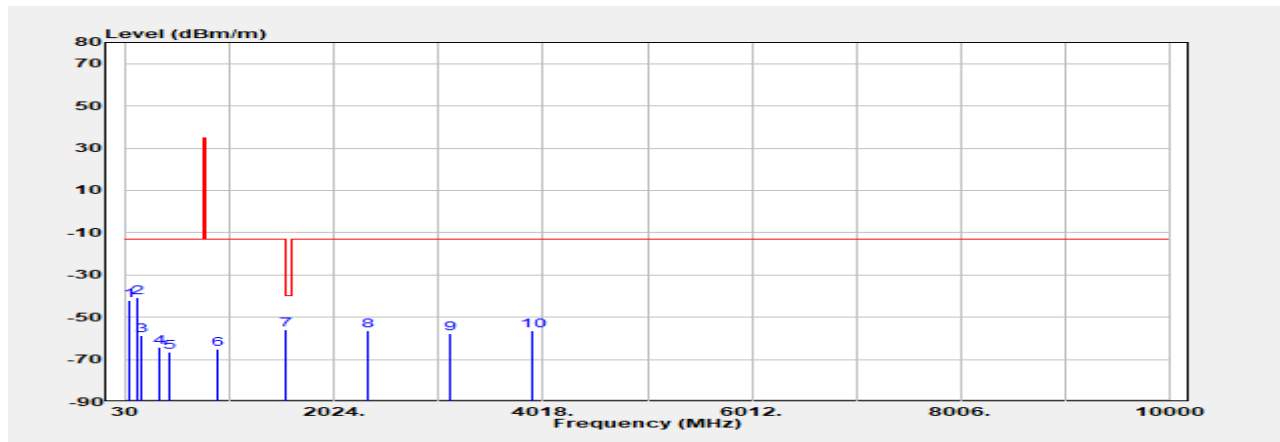
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Report Number :TERF2405001348ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :782 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



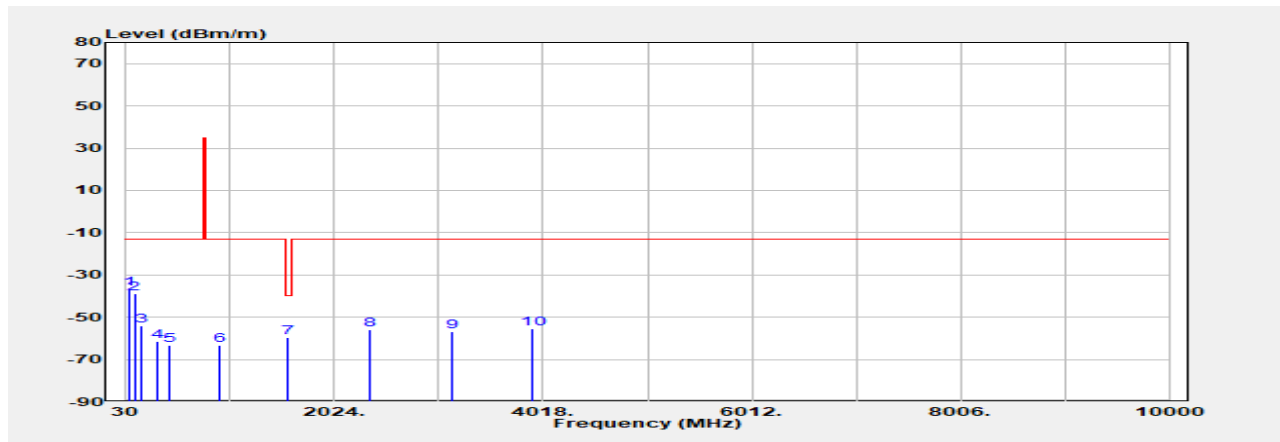
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-42.01	-30.32	-10.75	-0.94	-13.00	-29.01
133.790	-40.88	-37.84	-1.57	-1.47	-13.00	-27.88
180.350	-58.71	-58.27	1.27	-1.71	-13.00	-45.71
344.280	-63.97	-65.96	4.32	-2.33	-13.00	-50.97
438.370	-66.72	-68.04	3.95	-2.63	-13.00	-53.72
904.940	-65.03	-65.00	3.71	-3.74	-13.00	-52.03
1564.000	-55.95	-60.10	9.10	-4.95	-40.00	-15.95
2346.000	-56.19	-59.99	9.80	-6.00	-13.00	-43.19
3128.000	-57.95	-62.12	11.23	-7.06	-13.00	-44.95
3910.000	-56.26	-60.93	12.58	-7.91	-13.00	-43.26

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Report Number :TERF2405001348ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :784.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Vertical  
Engineer :Andy Lee



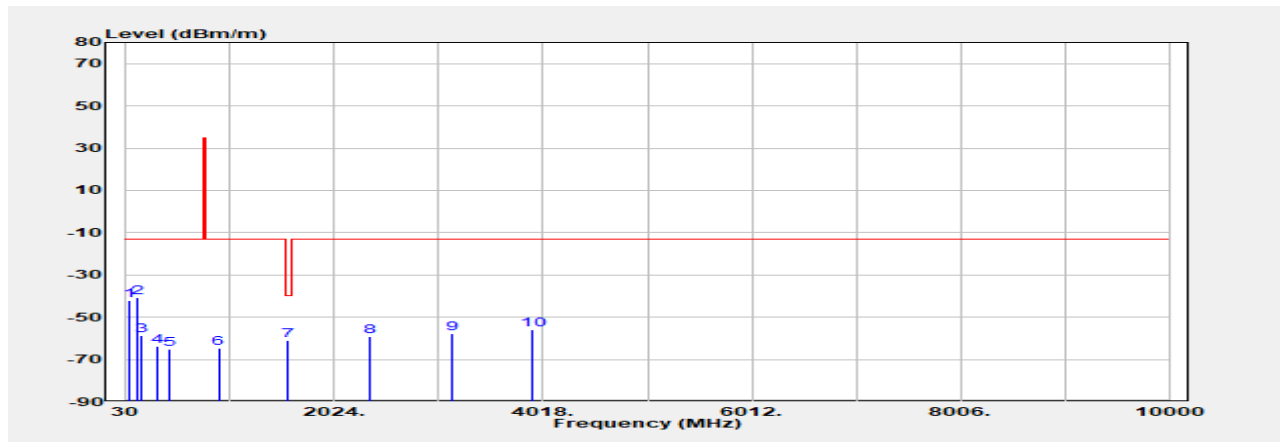
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
54.250	-36.65	-24.96	-10.75	-0.94	-13.00	-23.65
108.570	-38.73	-35.98	-1.43	-1.32	-13.00	-25.73
182.290	-54.26	-54.16	1.62	-1.72	-13.00	-41.26
325.850	-61.60	-63.35	4.01	-2.26	-13.00	-48.60
439.340	-63.37	-64.68	3.95	-2.64	-13.00	-50.37
914.640	-63.38	-63.30	3.70	-3.78	-13.00	-50.38
1569.000	-59.50	-63.65	9.10	-4.95	-40.00	-19.50
2353.500	-55.85	-59.68	9.84	-6.01	-13.00	-42.85
3138.000	-56.80	-60.89	11.17	-7.08	-13.00	-43.80
3922.500	-55.31	-59.96	12.56	-7.91	-13.00	-42.31

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Report Number :TERF2405001348ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :784.5 MHz

Test Site :SAC D  
Test Date :2024-05-28  
Temp./Humi. :22.3°C/61%  
Antenna Pol. :Horizontal  
Engineer :Andy Lee



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
53.280	-42.22	-30.31	-10.98	-0.93	-13.00	-29.22
132.820	-40.87	-37.90	-1.50	-1.47	-13.00	-27.87
180.350	-58.44	-58.00	1.27	-1.71	-13.00	-45.44
325.850	-63.95	-65.70	4.01	-2.26	-13.00	-50.95
441.280	-65.30	-66.60	3.95	-2.65	-13.00	-52.30
913.670	-64.70	-64.60	3.67	-3.77	-13.00	-51.70
1569.000	-60.95	-65.10	9.10	-4.95	-40.00	-20.95
2353.500	-59.10	-62.93	9.84	-6.01	-13.00	-46.10
3138.000	-57.65	-61.74	11.17	-7.08	-13.00	-44.65
3922.500	-55.84	-60.49	12.56	-7.91	-13.00	-42.84

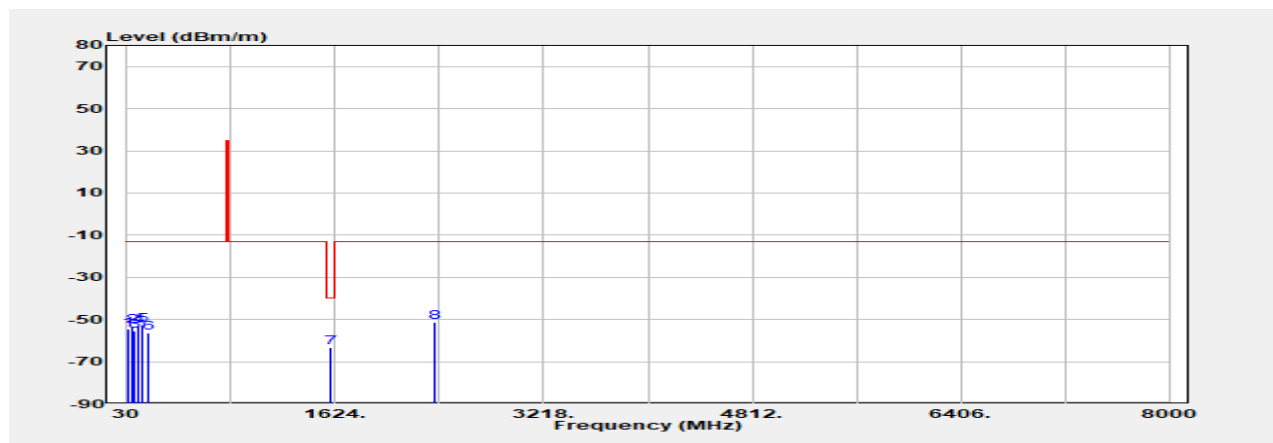
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Report Number :TERF2405001348ER  
Operation Mode :LTE B14  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :793 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



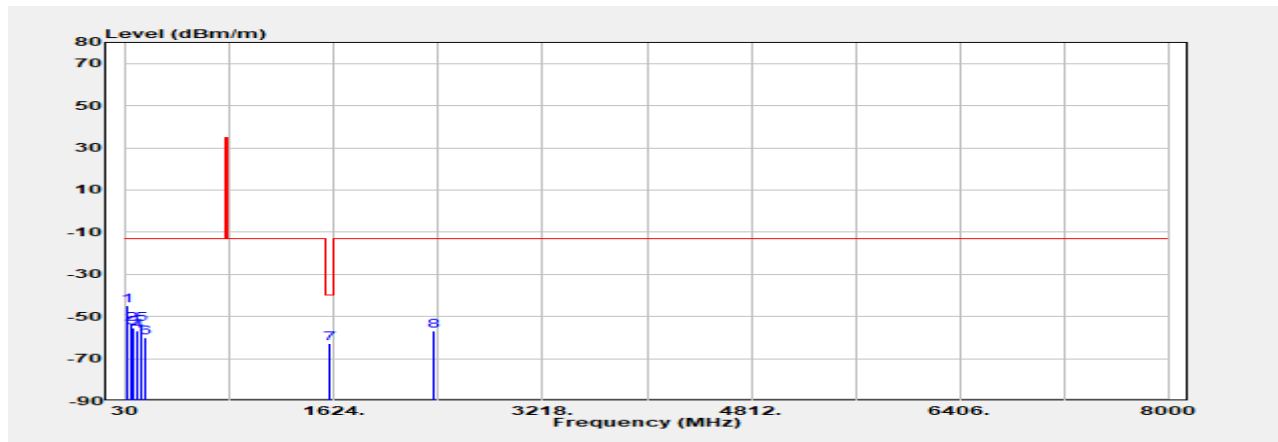
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-54.33	-40.05	-13.55	-0.73	-13.00	-41.33
72.680	-53.02	-46.65	-5.28	-1.09	-13.00	-40.02
92.080	-55.32	-53.55	-0.57	-1.20	-13.00	-42.32
122.150	-53.18	-50.49	-1.28	-1.41	-13.00	-40.18
145.430	-52.69	-49.31	-1.85	-1.53	-13.00	-39.69
194.900	-56.30	-58.12	3.58	-1.76	-13.00	-43.30
1586.000	-63.07	-67.32	9.20	-4.95	-40.00	-23.07
2379.000	-51.29	-55.33	10.09	-6.05	-13.00	-38.29

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Report Number :TERF2405001348ER  
Operation Mode :LTE B14  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :793 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-44.99	-30.97	-13.31	-0.71	-13.00	-31.99
71.710	-53.77	-46.86	-5.83	-1.08	-13.00	-40.77
92.080	-55.63	-53.86	-0.57	-1.20	-13.00	-42.63
123.120	-56.76	-54.16	-1.19	-1.41	-13.00	-43.76
146.400	-53.63	-50.11	-1.99	-1.53	-13.00	-40.63
180.350	-60.26	-59.82	1.27	-1.71	-13.00	-47.26
1586.000	-62.64	-66.89	9.20	-4.95	-40.00	-22.64
2379.000	-57.03	-61.07	10.09	-6.05	-13.00	-44.03

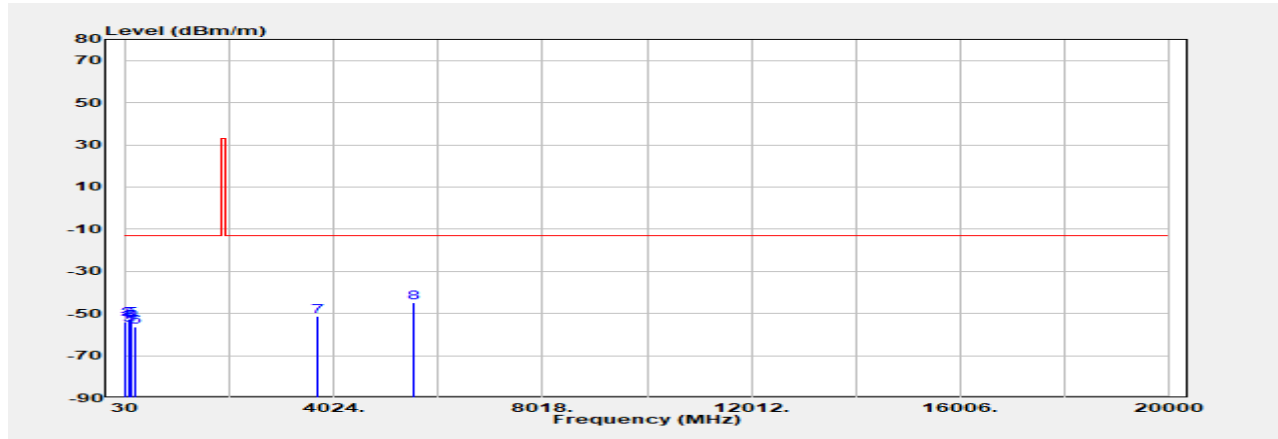
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Report Number :TERF2405001348ER  
Operation Mode :LTE B25  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1852.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-54.18	-40.16	-13.31	-0.71	-13.00	-41.18
72.680	-52.80	-46.43	-5.28	-1.09	-13.00	-39.80
91.110	-55.29	-53.46	-0.63	-1.20	-13.00	-42.29
122.150	-54.04	-51.35	-1.28	-1.41	-13.00	-41.04
145.430	-52.72	-49.34	-1.85	-1.53	-13.00	-39.72
197.810	-56.56	-58.68	3.90	-1.78	-13.00	-43.56
3705.000	-51.49	-56.45	12.59	-7.63	-13.00	-38.49
5557.500	-45.08	-48.82	13.23	-9.49	-13.00	-32.08

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Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B25

Test Date :2024-08-18

Test Mode :Tx

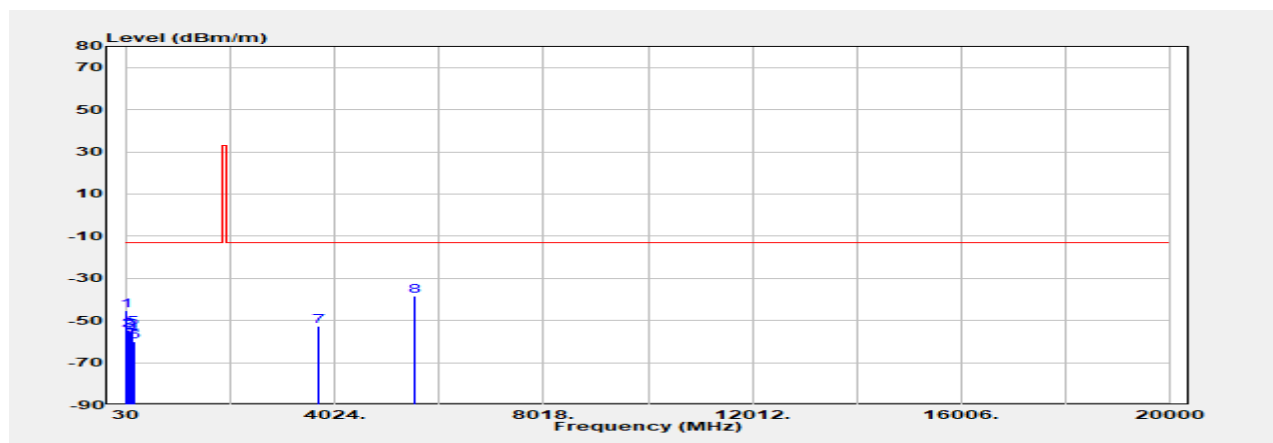
Temp./Humi. :21.9°C/65%

EUT Pol :H Plane

Antenna Pol. :Horizontal

Test Frequency :1852.5 MHz

Engineer :Howard Huang



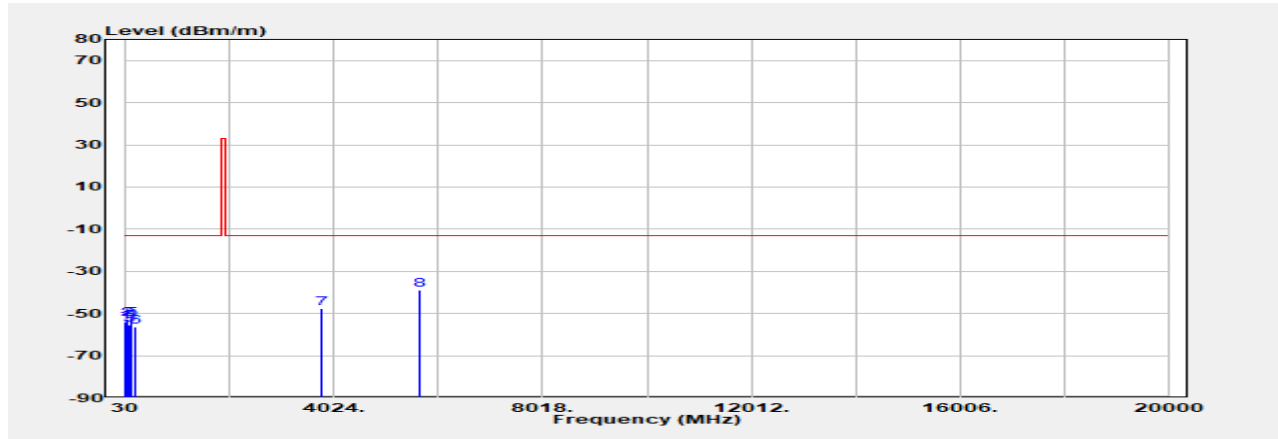
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.21	-31.19	-13.31	-0.71	-13.00	-32.21
71.710	-54.41	-47.50	-5.83	-1.08	-13.00	-41.41
91.110	-55.66	-53.83	-0.63	-1.20	-13.00	-42.66
122.150	-56.86	-54.17	-1.28	-1.41	-13.00	-43.86
146.400	-53.47	-49.95	-1.99	-1.53	-13.00	-40.47
180.350	-60.02	-59.58	1.27	-1.71	-13.00	-47.02
3705.000	-52.69	-57.65	12.59	-7.63	-13.00	-39.69
5557.500	-38.45	-42.19	13.23	-9.49	-13.00	-25.45

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Report Number :TERF2405001348ER  
Operation Mode :LTE B25  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1882.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



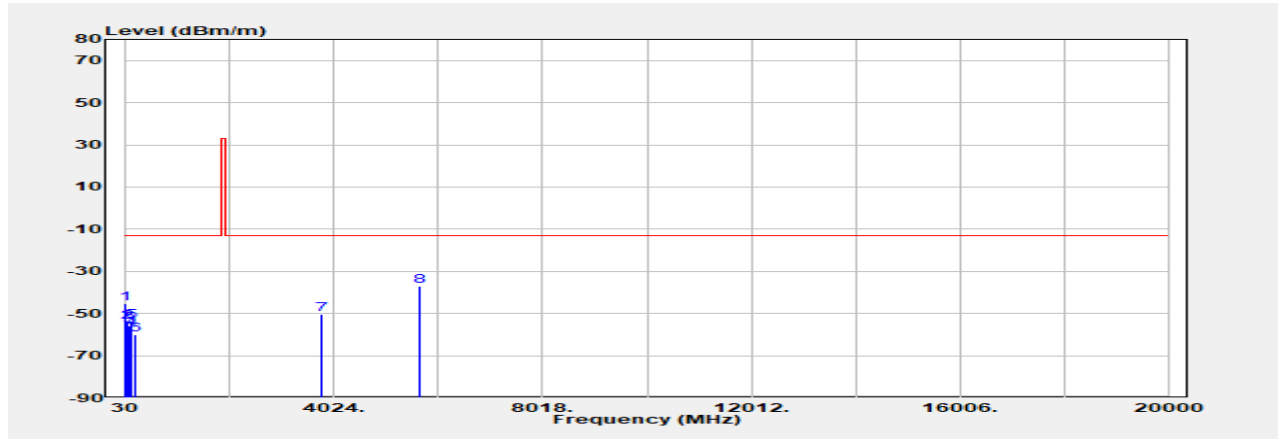
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-54.26	-40.24	-13.31	-0.71	-13.00	-41.26
71.710	-52.91	-46.00	-5.83	-1.08	-13.00	-39.91
91.110	-55.57	-53.74	-0.63	-1.20	-13.00	-42.57
123.120	-53.62	-51.02	-1.19	-1.41	-13.00	-40.62
145.430	-52.59	-49.21	-1.85	-1.53	-13.00	-39.59
194.900	-56.31	-58.13	3.58	-1.76	-13.00	-43.31
3765.000	-47.53	-52.24	12.44	-7.73	-13.00	-34.53
5647.500	-38.64	-42.62	13.50	-9.52	-13.00	-25.64

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Report Number :TERF2405001348ER  
Operation Mode :LTE B25  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :1882.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	dBm	dB
		dBm	dBi/dBd	dB		
32.910	-45.44	-31.42	-13.31	-0.71	-13.00	-32.44
71.710	-54.12	-47.21	-5.83	-1.08	-13.00	-41.12
91.110	-56.05	-54.22	-0.63	-1.20	-13.00	-43.05
122.150	-57.48	-54.79	-1.28	-1.41	-13.00	-44.48
145.430	-53.50	-50.12	-1.85	-1.53	-13.00	-40.50
197.810	-60.23	-62.35	3.90	-1.78	-13.00	-47.23
3765.000	-50.39	-55.10	12.44	-7.73	-13.00	-37.39
5647.500	-37.04	-41.02	13.50	-9.52	-13.00	-24.04

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Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B25

Test Date :2024-08-18

Test Mode :Tx

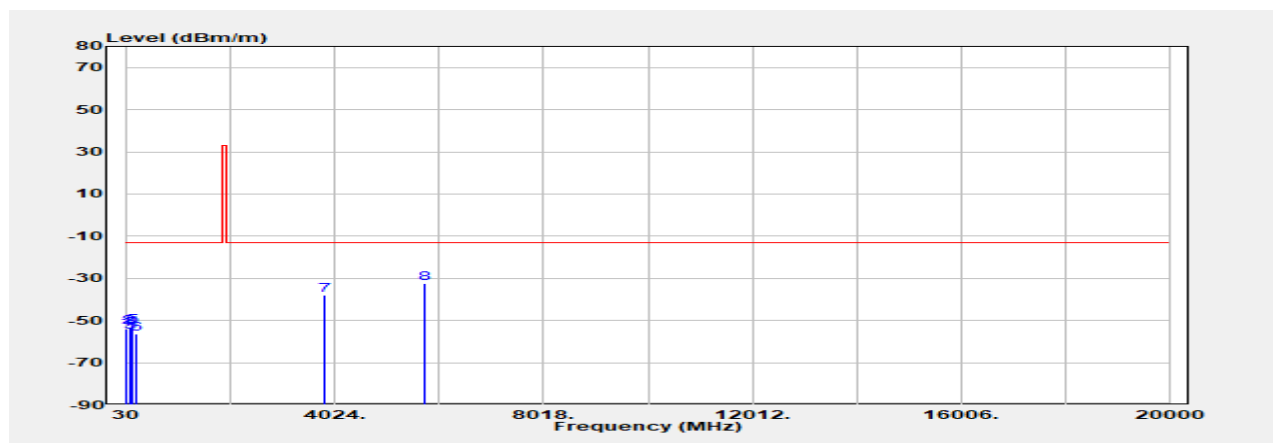
Temp./Humi. :21.9°C/65%

EUT Pol :H Plane

Antenna Pol. :Vertical

Test Frequency :1912.5 MHz

Engineer :Howard Huang



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
32.910	-54.02	-40.00	-13.31	-0.71	-13.00	-41.02
72.680	-53.30	-46.93	-5.28	-1.09	-13.00	-40.30
92.080	-55.53	-53.76	-0.57	-1.20	-13.00	-42.53
122.150	-53.40	-50.71	-1.28	-1.41	-13.00	-40.40
145.430	-52.89	-49.51	-1.85	-1.53	-13.00	-39.89
196.840	-56.35	-58.43	3.85	-1.77	-13.00	-43.35
3825.000	-38.07	-42.55	12.30	-7.82	-13.00	-25.07
5737.500	-32.21	-35.80	13.23	-9.63	-13.00	-19.21

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Report Number :TERF2405001348ER

Test Site :SAC D

Operation Mode :LTE B25

Test Date :2024-08-18

Test Mode :Tx

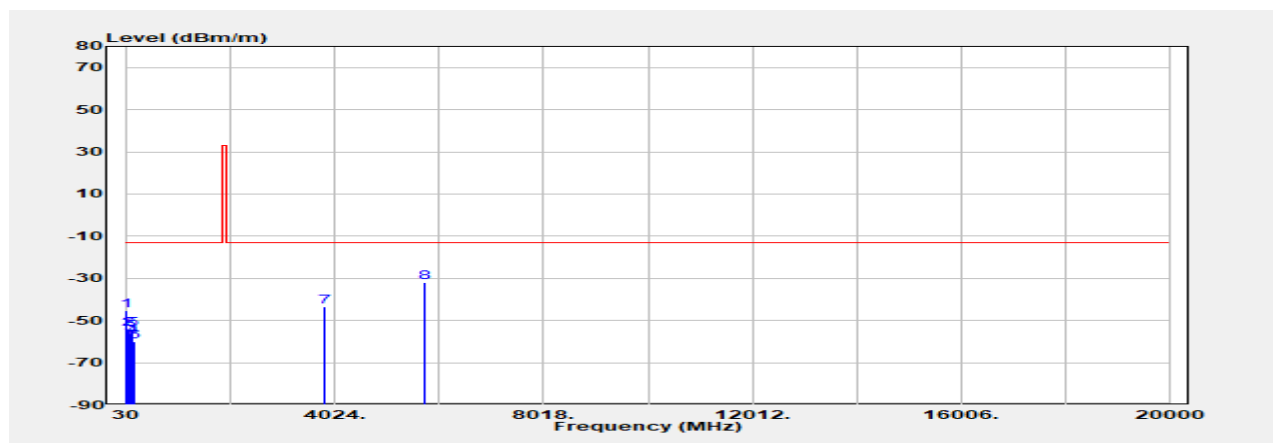
Temp./Humi. :21.9°C/65%

EUT Pol :H Plane

Antenna Pol. :Horizontal

Test Frequency :1912.5 MHz

Engineer :Howard Huang



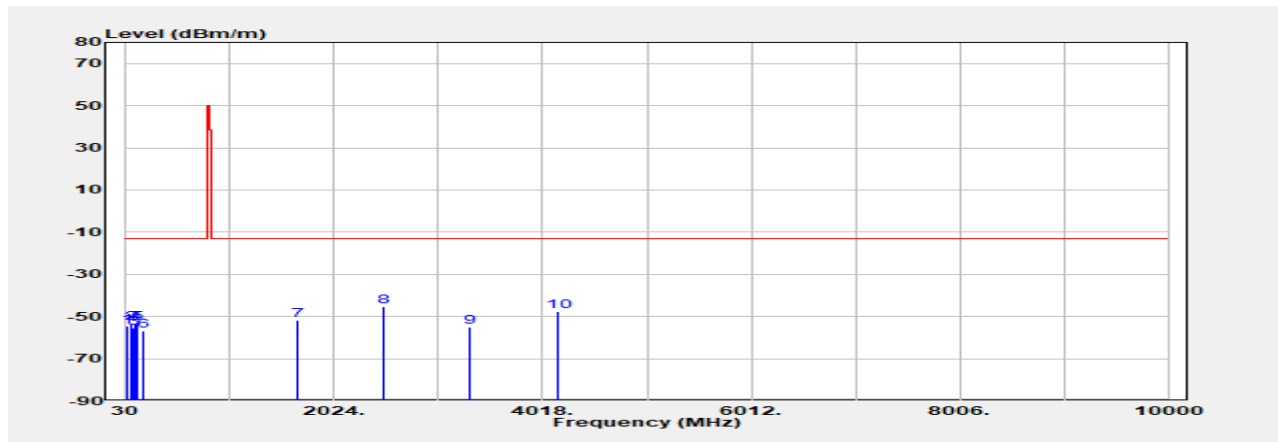
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.49	-31.47	-13.31	-0.71	-13.00	-32.49
71.710	-53.93	-47.02	-5.83	-1.08	-13.00	-40.93
92.080	-56.43	-54.66	-0.57	-1.20	-13.00	-43.43
122.150	-57.66	-54.97	-1.28	-1.41	-13.00	-44.66
146.400	-54.17	-50.65	-1.99	-1.53	-13.00	-41.17
181.320	-60.15	-59.91	1.48	-1.72	-13.00	-47.15
3825.000	-43.27	-47.75	12.30	-7.82	-13.00	-30.27
5737.500	-31.83	-35.42	13.23	-9.63	-13.00	-18.83

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Report Number :TERF2405001348ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :831.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



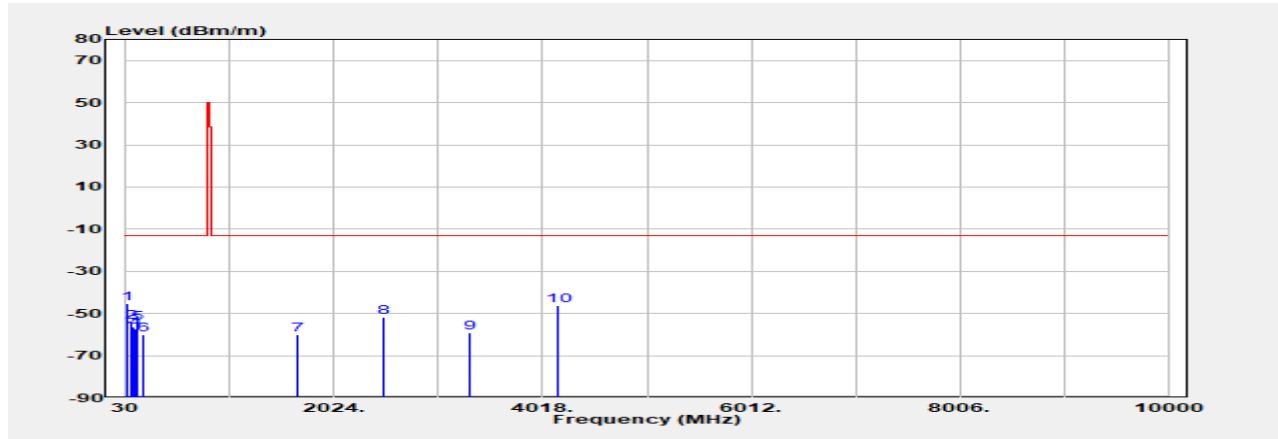
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-54.54	-40.26	-13.55	-0.73	-13.00	-41.54
72.680	-53.11	-46.74	-5.28	-1.09	-13.00	-40.11
91.110	-55.64	-53.81	-0.63	-1.20	-13.00	-42.64
122.150	-53.25	-50.56	-1.28	-1.41	-13.00	-40.25
144.460	-53.37	-49.91	-1.93	-1.53	-13.00	-40.37
194.900	-56.65	-58.47	3.58	-1.76	-13.00	-43.65
1663.000	-51.78	-56.38	9.66	-5.06	-13.00	-38.78
2494.500	-45.52	-49.90	10.65	-6.26	-13.00	-32.52
3326.000	-55.07	-60.32	12.46	-7.21	-13.00	-42.07
4157.500	-47.59	-51.95	12.53	-8.17	-13.00	-34.59

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Report Number :TERF2405001348ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :831.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.47	-31.45	-13.31	-0.71	-13.00	-32.47
71.710	-54.18	-47.27	-5.83	-1.08	-13.00	-41.18
91.110	-56.48	-54.65	-0.63	-1.20	-13.00	-43.48
121.180	-57.50	-54.99	-1.10	-1.41	-13.00	-44.50
144.460	-54.33	-50.87	-1.93	-1.53	-13.00	-41.33
195.870	-60.07	-62.01	3.71	-1.77	-13.00	-47.07
1663.000	-60.15	-64.75	9.66	-5.06	-13.00	-47.15
2494.500	-51.57	-55.95	10.65	-6.26	-13.00	-38.57
3326.000	-59.13	-64.38	12.46	-7.21	-13.00	-46.13
4157.500	-46.15	-50.51	12.53	-8.17	-13.00	-33.15

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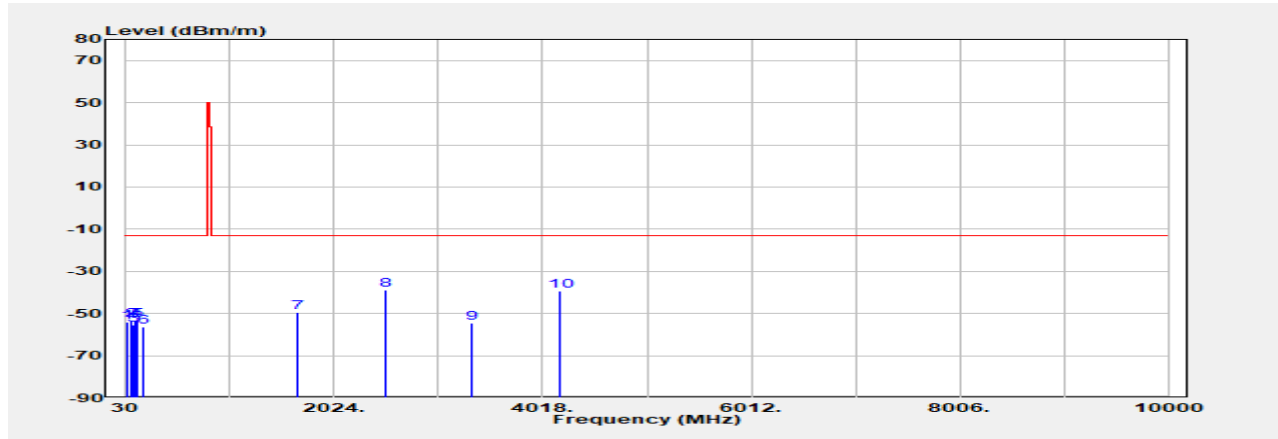
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Report Number :TERF2405001348ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :836.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-54.24	-40.22	-13.31	-0.71	-13.00	-41.24
71.710	-53.13	-46.22	-5.83	-1.08	-13.00	-40.13
91.110	-55.38	-53.55	-0.63	-1.20	-13.00	-42.38
121.180	-53.32	-50.81	-1.10	-1.41	-13.00	-40.32
144.460	-53.30	-49.84	-1.93	-1.53	-13.00	-40.30
195.870	-56.45	-58.39	3.71	-1.77	-13.00	-43.45
1673.000	-49.45	-54.21	9.83	-5.07	-13.00	-36.45
2509.500	-39.05	-43.37	10.61	-6.28	-13.00	-26.05
3346.000	-54.55	-59.89	12.58	-7.24	-13.00	-41.55
4182.500	-39.22	-43.64	12.63	-8.21	-13.00	-26.22

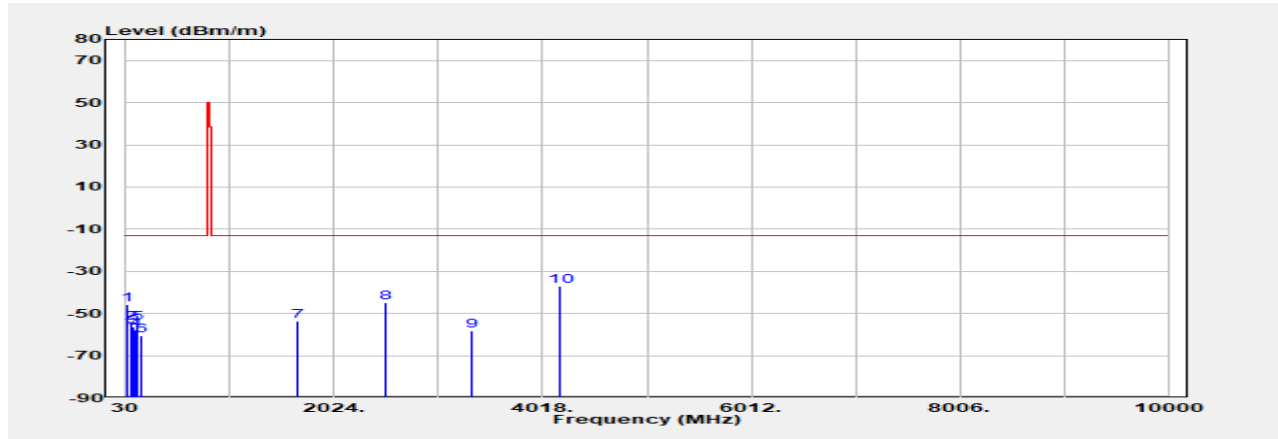
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Report Number :TERF2405001348ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :836.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.61	-31.59	-13.31	-0.71	-13.00	-32.61
72.680	-54.57	-48.20	-5.28	-1.09	-13.00	-41.57
91.110	-56.20	-54.37	-0.63	-1.20	-13.00	-43.20
121.180	-57.72	-55.21	-1.10	-1.41	-13.00	-44.72
144.460	-54.63	-51.17	-1.93	-1.53	-13.00	-41.63
179.380	-60.56	-59.90	1.04	-1.70	-13.00	-47.56
1673.000	-53.56	-58.32	9.83	-5.07	-13.00	-40.56
2509.500	-45.04	-49.36	10.61	-6.28	-13.00	-32.04
3346.000	-58.12	-63.46	12.58	-7.24	-13.00	-45.12
4182.500	-37.06	-41.48	12.63	-8.21	-13.00	-24.06

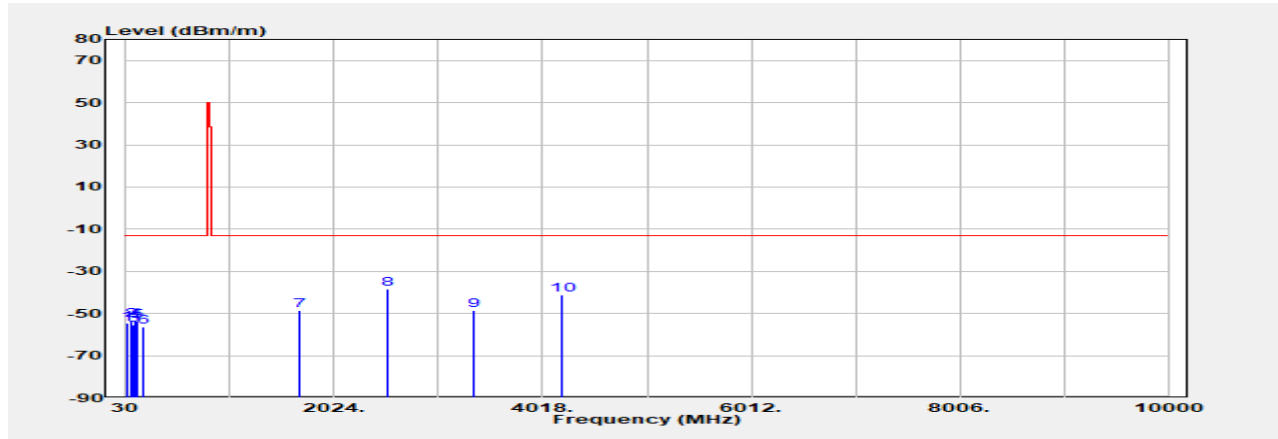
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Report Number :TERF2405001348ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :841.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-54.43	-40.41	-13.31	-0.71	-13.00	-41.43
72.680	-53.28	-46.91	-5.28	-1.09	-13.00	-40.28
91.110	-55.34	-53.51	-0.63	-1.20	-13.00	-42.34
121.180	-53.05	-50.54	-1.10	-1.41	-13.00	-40.05
145.430	-53.45	-50.07	-1.85	-1.53	-13.00	-40.45
193.930	-56.47	-58.25	3.53	-1.75	-13.00	-43.47
1683.000	-48.66	-53.48	9.90	-5.08	-13.00	-35.66
2524.500	-38.24	-42.53	10.60	-6.31	-13.00	-25.24
3366.000	-48.75	-54.07	12.60	-7.28	-13.00	-35.75
4207.500	-41.38	-45.82	12.69	-8.24	-13.00	-28.38

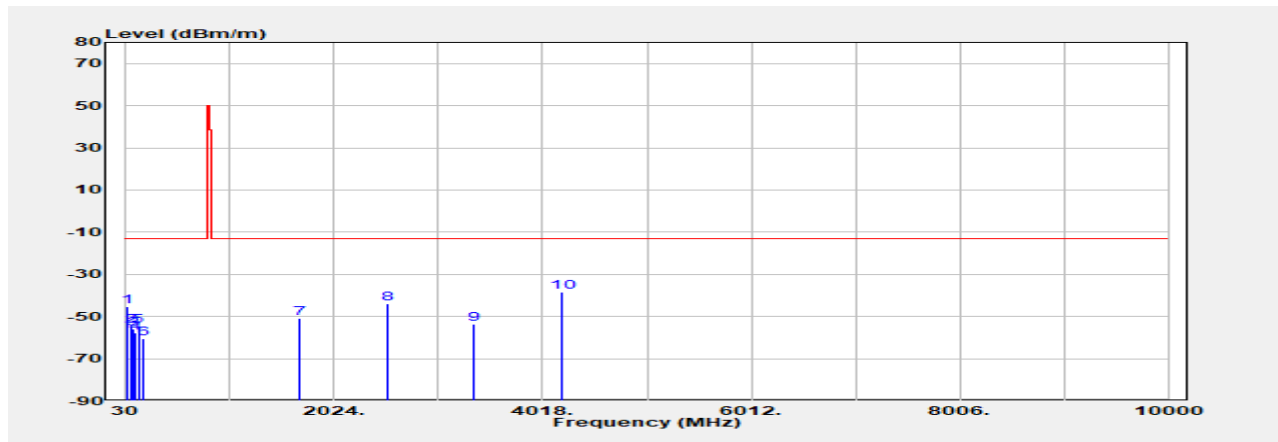
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Report Number :TERF2405001348ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :841.5 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



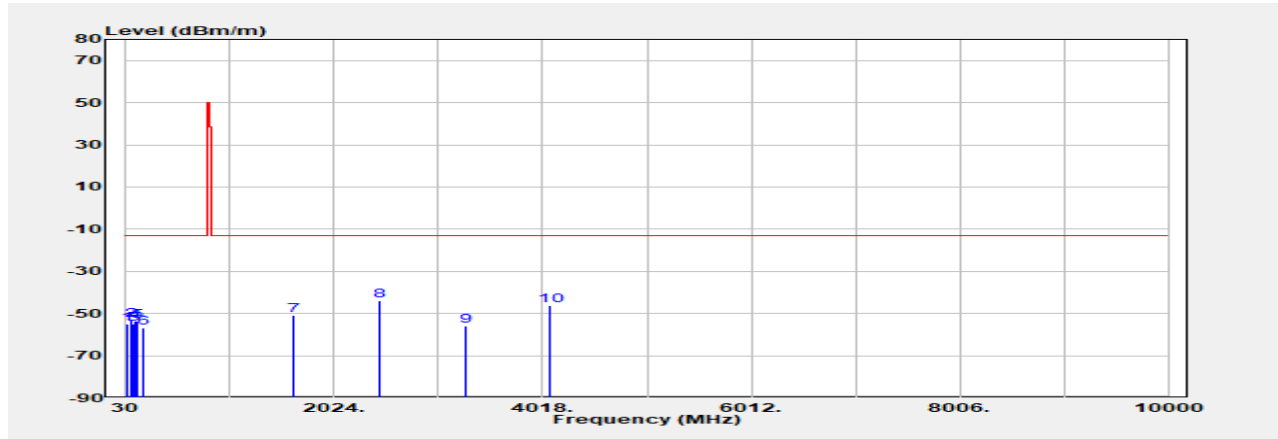
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.45	-31.43	-13.31	-0.71	-13.00	-32.45
71.710	-54.33	-47.42	-5.83	-1.08	-13.00	-41.33
91.110	-56.00	-54.17	-0.63	-1.20	-13.00	-43.00
120.210	-57.63	-54.94	-1.28	-1.41	-13.00	-44.63
147.370	-54.61	-51.11	-1.97	-1.53	-13.00	-41.61
196.840	-60.58	-62.66	3.85	-1.77	-13.00	-47.58
1683.000	-50.98	-55.80	9.90	-5.08	-13.00	-37.98
2524.500	-44.15	-48.44	10.60	-6.31	-13.00	-31.15
3366.000	-53.69	-59.01	12.60	-7.28	-13.00	-40.69
4207.500	-38.39	-42.83	12.69	-8.24	-13.00	-25.39

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Report Number :TERF2405001348ER  
Operation Mode :Part 90S LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :819 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Vertical  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-54.77	-40.75	-13.31	-0.71	-13.00	-41.77
72.680	-53.35	-46.98	-5.28	-1.09	-13.00	-40.35
91.110	-55.15	-53.32	-0.63	-1.20	-13.00	-42.15
121.180	-53.68	-51.17	-1.10	-1.41	-13.00	-40.68
146.400	-53.81	-50.29	-1.99	-1.53	-13.00	-40.81
194.900	-56.75	-58.57	3.58	-1.76	-13.00	-43.75
1638.000	-50.89	-55.32	9.46	-5.03	-13.00	-37.89
2457.000	-44.12	-48.39	10.50	-6.23	-13.00	-31.12
3276.000	-56.04	-60.87	12.01	-7.18	-13.00	-43.04
4095.000	-46.15	-50.69	12.61	-8.07	-13.00	-33.15

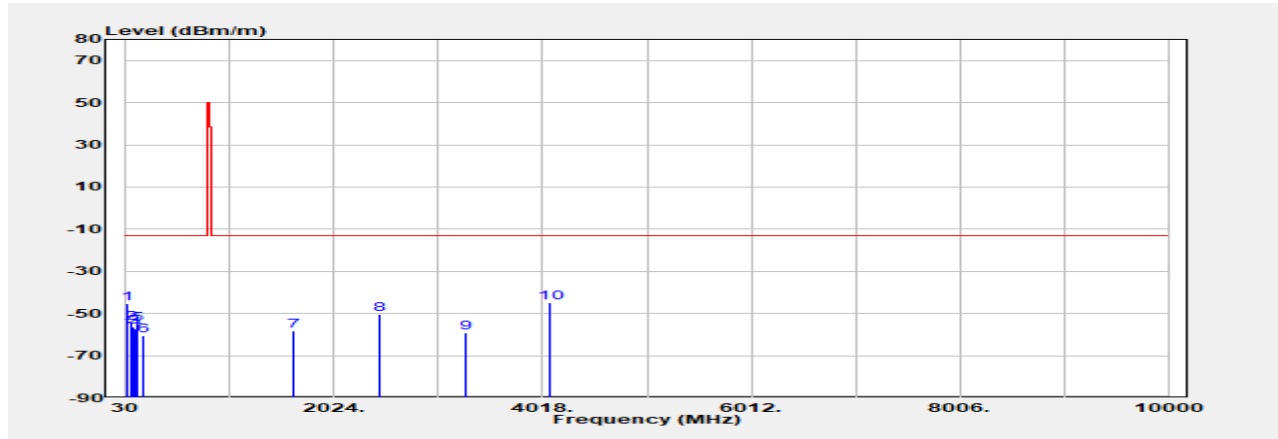
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Report Number :TERF2405001348ER  
Operation Mode :Part 90S LTE B26  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :819 MHz

Test Site :SAC D  
Test Date :2024-08-18  
Temp./Humi. :21.9°C/65%  
Antenna Pol. :Horizontal  
Engineer :Howard Huang



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-45.39	-31.37	-13.31	-0.71	-13.00	-32.39
71.710	-54.31	-47.40	-5.83	-1.08	-13.00	-41.31
92.080	-56.42	-54.65	-0.57	-1.20	-13.00	-43.42
121.180	-57.21	-54.70	-1.10	-1.41	-13.00	-44.21
145.430	-54.81	-51.43	-1.85	-1.53	-13.00	-41.81
195.870	-60.44	-62.38	3.71	-1.77	-13.00	-47.44
1638.000	-58.10	-62.53	9.46	-5.03	-13.00	-45.10
2457.000	-50.58	-54.85	10.50	-6.23	-13.00	-37.58
3276.000	-59.07	-63.90	12.01	-7.18	-13.00	-46.07
4095.000	-44.85	-49.39	12.61	-8.07	-13.00	-31.85

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## 6 FREQUENCY STABILITY MEASUREMENT

**Note:** The car battery is rated 12V dc.

Reference Freq.:		LTE B2 Mid Channel		1880.0000	MHz	10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit		
Freq. ERROR vs. VOLTAGE						
13.8	20	1879.999996	-0.0019	+/- 2.5 ppm		
12	20	1880.000015	0.0079			
10.2	20	1880.000009	0.0048			
4 (End Point)	20	1880.000001	0.0006			
Freq. ERROR vs. Temp.						
12	-30	1879.999991	-0.0049	+/- 2.5 ppm		
12	-20	1879.999986	-0.0077			
12	-10	1880.000015	0.0082			
12	0	1880.000016	0.0086			
12	10	1880.000008	0.0045			
12	20	1880.000013	0.0068			
12	30	1880.000014	0.0075			
12	40	1880.000019	0.0102			
12	50	1879.999986	-0.0072			

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Reference Freq.:		LTE B4 Mid Channel		1732.5000	MHz 10M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	1732.500001	0.0004	+/- 2.5 ppm	
12	20	1732.499985	-0.0089		
10.2	20	1732.500010	0.0059		
4 (End Point)	20	1732.499992	-0.0045		
Freq. ERROR vs. Temp.					
12	-30	1732.499990	-0.0057	+/- 2.5 ppm	
12	-20	1732.500003	0.0019		
12	-10	1732.499996	-0.0022		
12	0	1732.499985	-0.0088		
12	10	1732.500003	0.0018		
12	20	1732.500013	0.0073		
12	30	1732.500014	0.0083		
12	40	1732.499987	-0.0073		
12	50	1732.500000	0.0001		
Reference Freq.:		LTE B5 Mid Channel		836.5000	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	836.499981	-0.0227	+/- 2.5 ppm	
12	20	836.499993	-0.0080		
10.2	20	836.499989	-0.0134		
4 (End Point)	20	836.500001	0.0006		
Freq. ERROR vs. Temp.					
12	-30	836.500001	0.0008	+/- 2.5 ppm	
12	-20	836.500014	0.0161		
12	-10	836.499999	-0.0013		
12	0	836.499997	-0.0036		
12	10	836.499981	-0.0230		
12	20	836.499996	-0.0051		
12	30	836.500015	0.0183		
12	40	836.499984	-0.0195		
12	50	836.499999	-0.0008		

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Reference Freq.:		LTE B7 Mid Channel		2535.0000	MHz 10M QPSK CH 21100
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	2534.999993	-0.0026	+/- 2.5 ppm	
12	20	2534.999997	-0.0011		
10.2	20	2535.000008	0.0032		
4 (End Point)	20	2534.999997	-0.0013		
Freq. ERROR vs. Temp.					
12	-30	2534.999982	-0.0071	+/- 2.5 ppm	
12	-20	2534.999980	-0.0077		
12	-10	2535.000019	0.0075		
12	0	2534.999981	-0.0077		
12	10	2535.000020	0.0078		
12	20	2534.999981	-0.0073		
12	30	2535.000018	0.0069		
12	40	2535.000015	0.0058		
12	50	2534.999989	-0.0043		
Reference Freq.:		LTE B12 Mid Channel		707.5000	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	707.500005	0.0069	+/- 2.5 ppm	
12	20	707.499986	-0.0202		
10.2	20	707.500013	0.0184		
4 (End Point)	20	707.499981	-0.0264		
Freq. ERROR vs. Temp.					
12	-30	707.500001	0.0013	+/- 2.5 ppm	
12	-20	707.500007	0.0093		
12	-10	707.500001	0.0020		
12	0	707.500011	0.0154		
12	10	707.499991	-0.0129		
12	20	707.499990	-0.0146		
12	30	707.499990	-0.0137		
12	40	707.500011	0.0151		
12	50	707.499983	-0.0237		

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Reference Freq.:		LTE B13 Mid Channel		782.0000	MHz 10M QPSK CH 23230
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	781.999989	-0.0141	+/- 2.5 ppm	
12	20	782.000010	0.0127		
10.2	20	782.000006	0.0070		
4 (End Point)	20	782.000020	0.0253		
Freq. ERROR vs. Temp.					
12	-30	781.999988	-0.0157	+/- 2.5 ppm	
12	-20	782.000004	0.0050		
12	-10	782.000004	0.0050		
12	0	781.999997	-0.0045		
12	10	782.000000	-0.0001		
12	20	782.000011	0.0143		
12	30	781.999992	-0.0102		
12	40	782.000003	0.0037		
12	50	782.000013	0.0171		
Reference Freq.:		LTE B14 Mid Channel		793.0000	MHz 10M QPSK CH 23330
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	793.000018	0.0227	+/- 2.5 ppm	
12	20	792.999981	-0.0240		
10.2	20	792.999993	-0.0088		
4 (End Point)	20	792.999997	-0.0034		
Freq. ERROR vs. Temp.					
12	-30	793.000012	0.0151	+/- 2.5 ppm	
12	-20	792.999997	-0.0034		
12	-10	793.000005	0.0057		
12	0	793.000001	0.0014		
12	10	792.999996	-0.0047		
12	20	792.999985	-0.0195		
12	30	792.999986	-0.0183		
12	40	792.999996	-0.0047		
12	50	792.999994	-0.0072		

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Reference Freq.:		LTE B25 Mid Channel		1882.5000	MHz	10M QPSK CH 26365
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit		
Freq. ERROR vs. VOLTAGE						
13.8	20	1882.500005	0.0028	+/- 2.5 ppm		
12	20	1882.500012	0.0062			
10.2	20	1882.499987	-0.0070			
4 (End Point)	20	1882.500009	0.0047			
Freq. ERROR vs. Temp.						
12	-30	1882.499990	-0.0054	+/- 2.5 ppm		
12	-20	1882.499998	-0.0010			
12	-10	1882.499984	-0.0087			
12	0	1882.499993	-0.0039			
12	10	1882.500005	0.0029			
12	20	1882.499985	-0.0081			
12	30	1882.500006	0.0033			
12	40	1882.500010	0.0054			
12	50	1882.500010	0.0055			
Reference Freq.:						
		Part 90 LTE B26 Mid Channel		819.0000	MHz	10M QPSK CH 26740
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit		
Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S)						
13.8	20	818.999992	-0.0104	+/- 2.5 ppm		
12	20	819.000014	0.0172			
10.2	20	819.000015	0.0188			
4 (End Point)	20	819.000012	0.0151			
Freq. ERROR vs. Temp.						
12	-30	819.000000	-0.0005	+/- 2.5 ppm		
12	-20	819.000004	0.0053			
12	-10	818.999997	-0.0039			
12	0	818.999985	-0.0178			
12	10	819.000010	0.0117			
12	20	819.000019	0.0232			
12	30	818.999992	-0.0095			
12	40	818.999985	-0.0189			
12	50	819.000008	0.0096			

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Reference Freq.:		LTE B26 Mid Channel		831.5000	MHz 10M QPSK CH 26865
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
13.8	20	831.500003	0.0035	+/- 2.5 ppm	
12	20	831.500007	0.0082		
10.2	20	831.499983	-0.0201		
4 (End Point)	20	831.499990	-0.0123		
Freq. ERROR vs. Temp.					
12	-30	831.500007	0.0084	+/- 2.5 ppm	
12	-20	831.500005	0.0059		
12	-10	831.499993	-0.0083		
12	0	831.500004	0.0042		
12	10	831.500003	0.0031		
12	20	831.499984	-0.0192		
12	30	831.500020	0.0237		
12	40	831.499988	-0.0141		
12	50	831.499981	-0.0233		

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## 7 PEAK TO AVERAGE RATIO

LTE BAND 2							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1850.7	18607	6.05	13	1851.5	18615	6.19	13
1880.0	18900	6.28	13	1880.0	18900	6.32	13
1909.3	19193	5.94	13	1908.5	19185	6.02	13

LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1852.5	18625	5.99	13	1855.0	18650	6.23	13
1880.0	18900	6.14	13	1880.0	18900	6.19	13
1907.5	19175	5.91	13	1905.0	19150	6.22	13

LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1857.5	18675	5.86	13	1860.0	18700	6.04	13
1880.0	18900	6.23	13	1880.0	18900	6.06	13
1902.5	19125	5.95	13	1900.0	19100	6.07	13

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LTE BAND 4							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1710.7	19957	6.49	13	1711.5	19965	6.53	13
1732.5	20175	6.25	13	1732.5	20175	6.41	13
1754.3	20393	6.37	13	1753.5	20385	6.17	13

LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1712.5	19975	6.38	13	1715.0	20000	6.10	13
1732.5	20175	6.19	13	1732.5	20175	6.33	13
1752.5	20375	6.24	13	1750.0	20350	6.10	13

LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1717.5	20025	6.03	13	1720.0	20050	6.19	13
1732.5	20175	6.09	13	1732.5	20175	6.22	13
1747.5	20325	6.13	13	1745.0	20300	6.16	13

LTE BAND 5							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
824.7	20407	5.84	13	825.5	20415	6.08	13
836.5	20525	5.90	13	836.5	20525	6.04	13
848.3	20643	5.78	13	847.5	20635	5.94	13

LTE BAND 5							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
826.5	20425	6.02	13	829.0	20450	5.94	13
836.5	20525	5.88	13	836.5	20525	5.83	13
846.5	20625	5.73	13	844.0	20600	5.93	13

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LTE BAND 7							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2502.5	20775	5.88	13	2505.0	20800	5.67	13
2535.0	21100	6.11	13	2535.0	21100	6.08	13
2567.5	21375	5.94	13	2565.0	21350	6.08	13

LTE BAND 7							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
2507.5	20825	5.77	13	2510	20850	5.69	13
2535.0	21100	6.03	13	2535	21100	5.72	13
2562.5	21375	6.01	13	2560	21350	6.31	13

LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
699.7	23017	5.78	13	700.5	23025	6.01	13
707.5	23095	5.91	13	707.5	23095	6.00	13
715.3	23173	5.61	13	714.5	23165	5.92	13

LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
701.5	23035	5.99	13	704.0	23060	5.69	13
707.5	23095	5.90	13	707.5	23095	5.78	13
713.5	23155	5.89	13	711.0	23130	6.15	13

LTE BAND 13							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
779.5	23205	6.00	13	782.0	23230	5.97	13
782.0	23230	5.98	13				
784.5	23255	5.82	13				

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LTE BAND 14							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
790.5	23305	6.06	13	793.0	23330	6.07	13
793	23330	5.90	13				
795.5	23355	6.13	13				
LTE BAND 25							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1850.7	26047	5.84	13	1851.5	26055	6.37	13
1882.5	26365	6.23	13	1882.5	26365	6.30	13
1914.3	26683	5.63	13	1913.5	26675	6.12	13

LTE BAND 25							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1852.5	26065	6.17	13	1855.0	26090	5.82	13
1882.5	26365	6.03	13	1882.5	26365	6.05	13
1912.5	26665	5.78	13	1910.0	26640	5.66	13

LTE BAND 25							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
1857.5	26115	6.00	13	1860.0	26140	5.89	13
1882.5	26365	6.23	13	1882.5	26365	5.95	13
1907.5	26615	5.75	13	1905.0	26590	5.87	13

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LTE BAND 26 for part 90S							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
814.7	26697	5.80	13	815.5	26705	6.09	13
819.0	26740	5.74	13	819	26740	5.76	13
823.3	26783	5.81	13	822.5	26775	5.76	13

LTE BAND 26 for part 90S							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
816.5	26715	5.84	13	819.0	26740	5.67	13
819.0	26740	5.61	13				
821.5	26765	5.59	13				

LTE BAND 26							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
824.7	26797	5.85	13	825.5	26805	6.05	13
836.5	26915	6.02	13	836.5	26915	6.04	13
848.3	27033	5.38	13	847.5	27025	5.73	13

LTE BAND 26							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		16QAM	Limit			16QAM	Limit
826.5	26815	5.92	13	829.0	26840	5.97	13
836.5	26915	5.91	13	836.5	26915	6.00	13
846.5	27015	5.74	13	844.0	26990	5.91	13

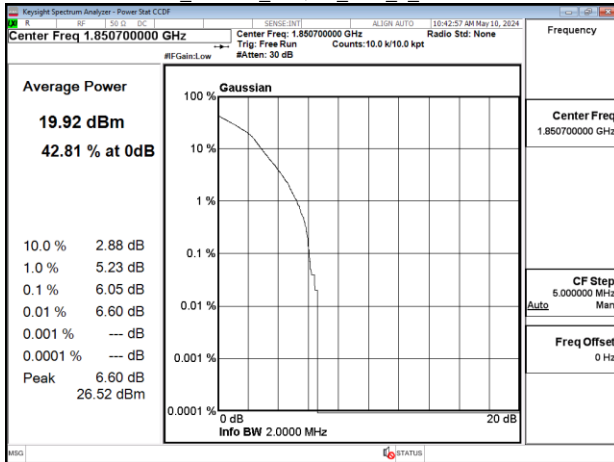
LTE BAND 26							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)					
		16QAM	Limit				
831.5	26865	6.12	13				
836.5	26915	5.77	13				
841.5	26965	5.95	13				

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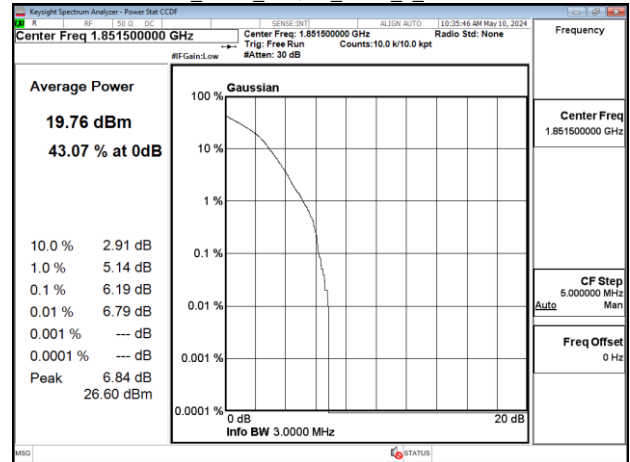
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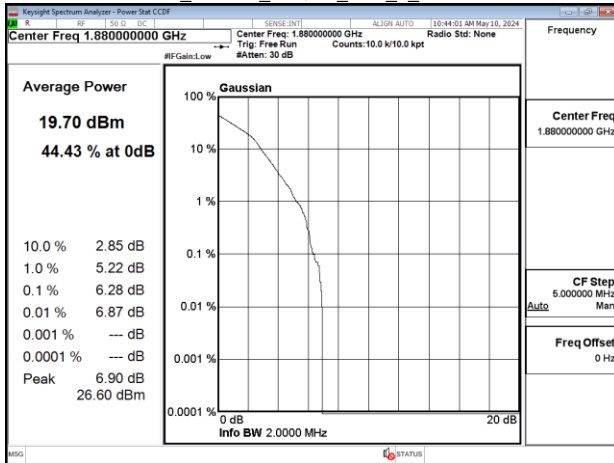
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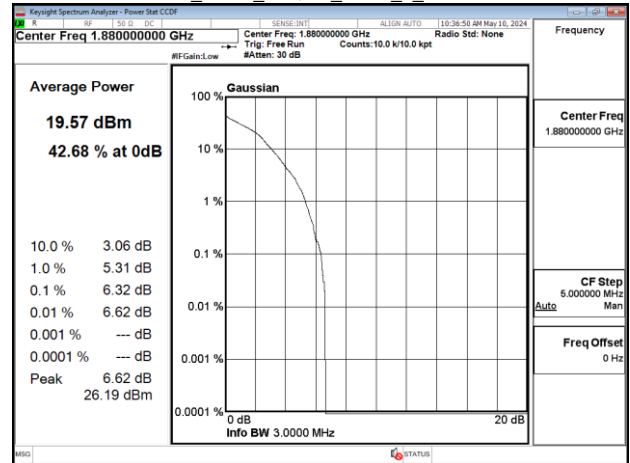
Band2\_3MHz\_16QAM\_RB15\_0\_CH18615



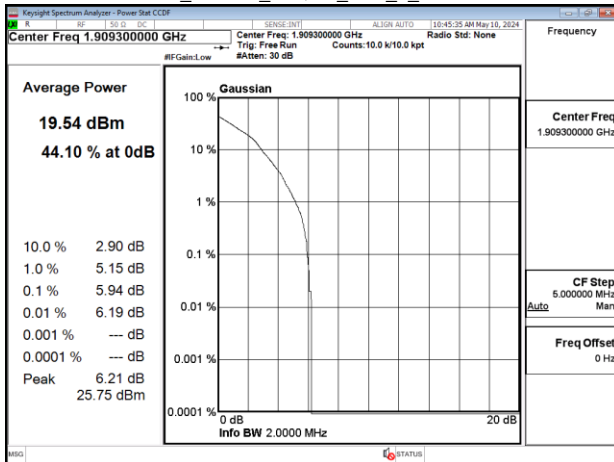
Band2\_1.4MHz\_16QAM\_RB6\_0\_CH18900



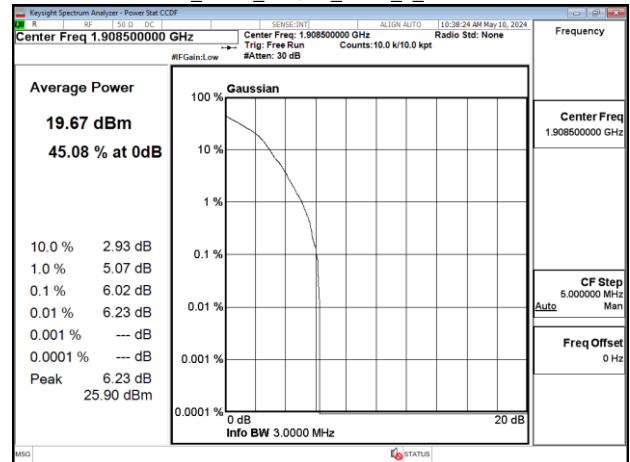
Band2\_3MHz\_16QAM\_RB15\_0\_CH18900



Band2\_1.4MHz\_16QAM\_RB6\_0\_CH19193



Band2\_3MHz\_16QAM\_RB15\_0\_CH19185

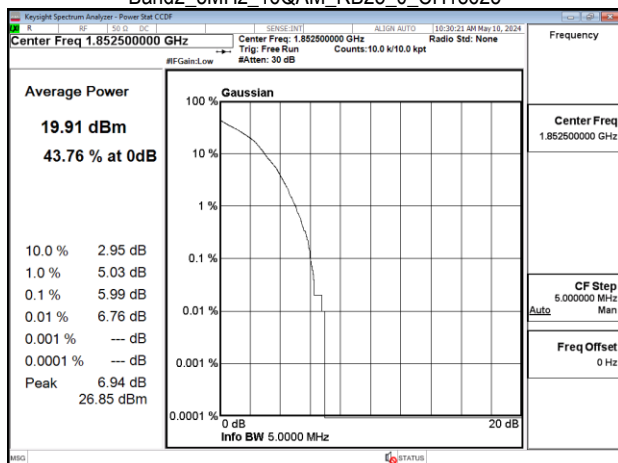


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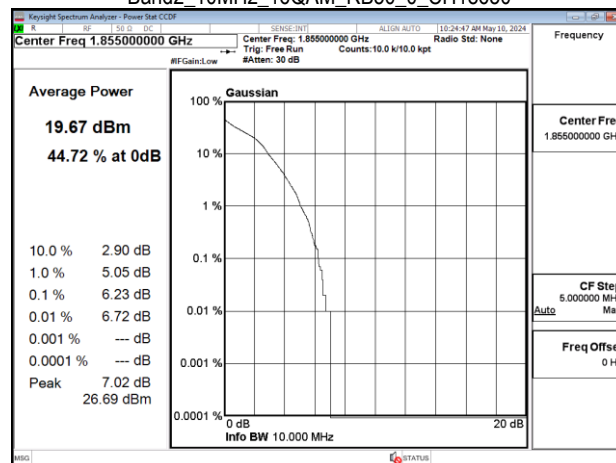
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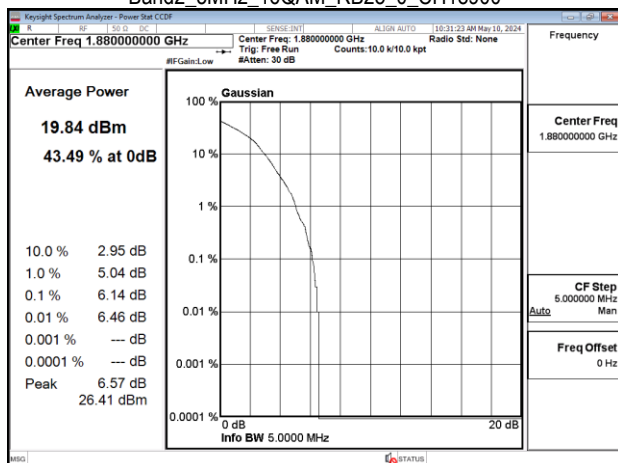
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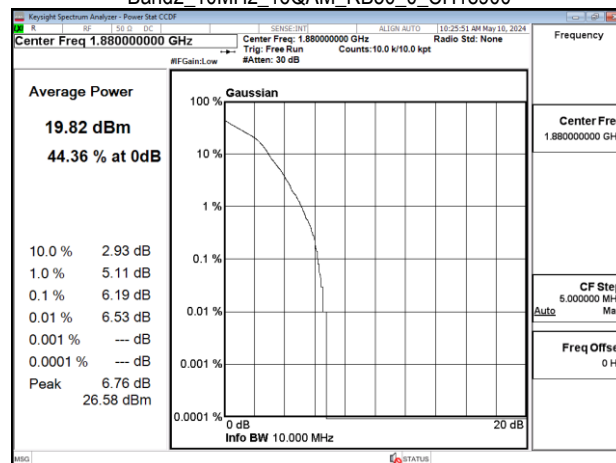
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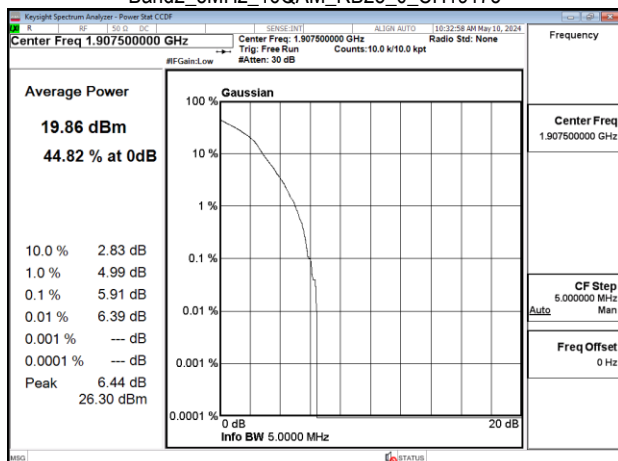
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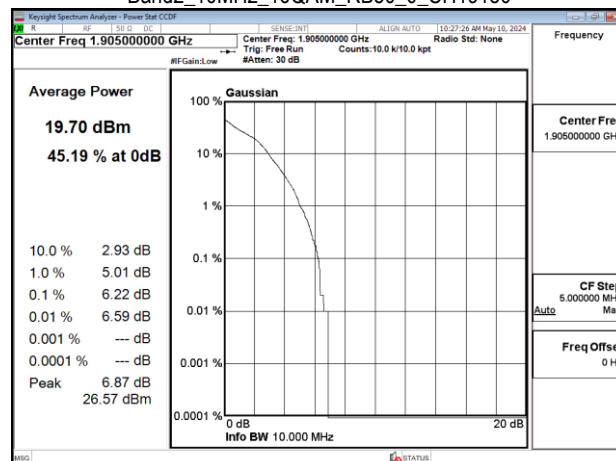
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Band2\_5MHz\_16QAM\_RB25\_0\_CH19175



Band2\_10MHz\_16QAM\_RB50\_0\_CH19150

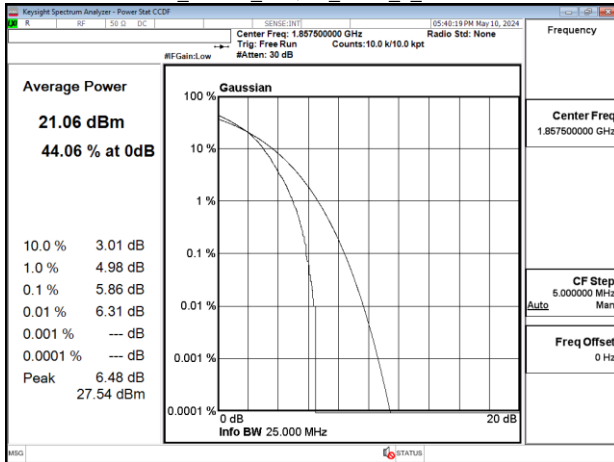


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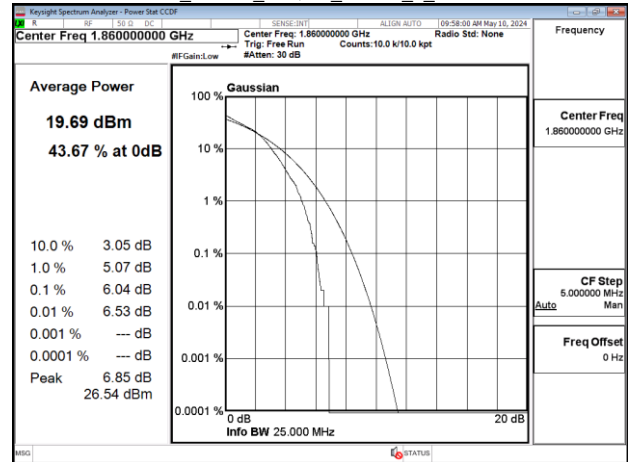
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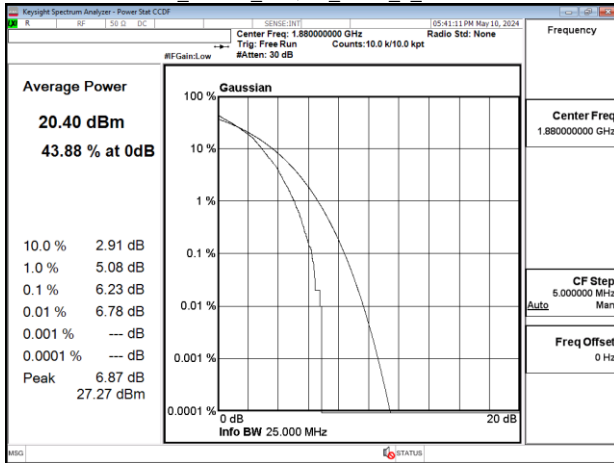
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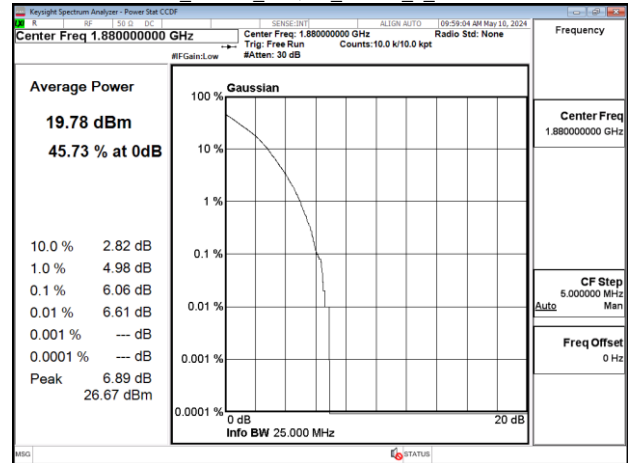
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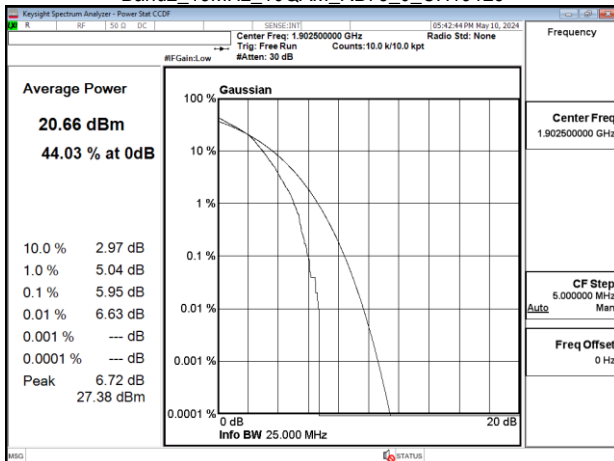
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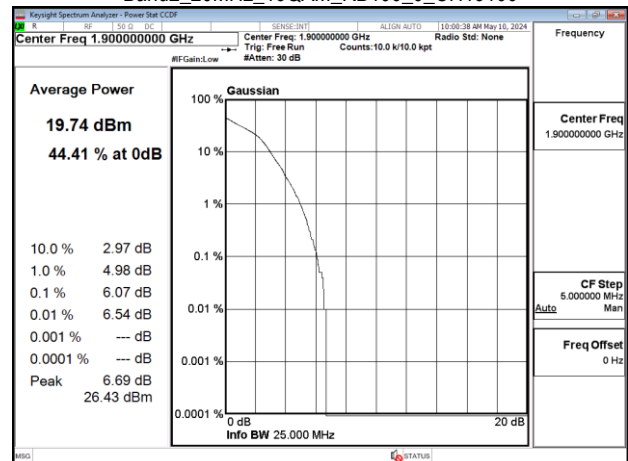
Band2\_20MHz\_16QAM\_RB100\_0\_CH18900



Band2\_15MHz\_16QAM\_RB75\_0\_CH19125



Band2\_20MHz\_16QAM\_RB100\_0\_CH19100



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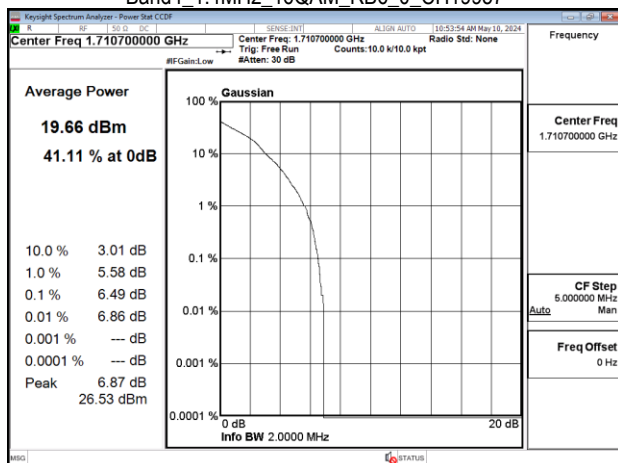
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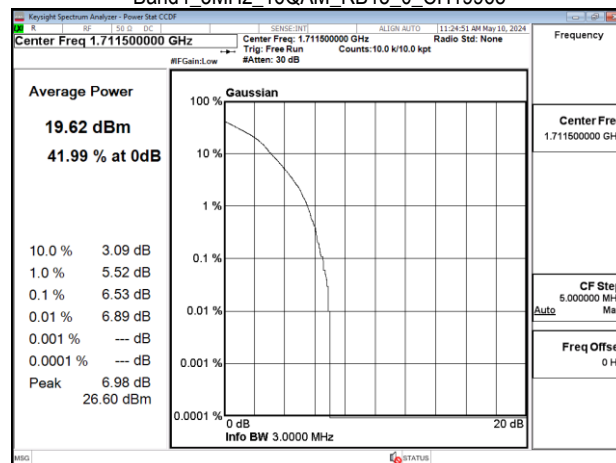
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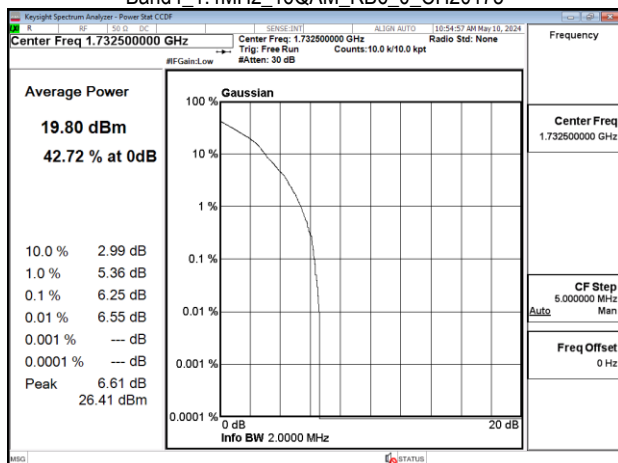
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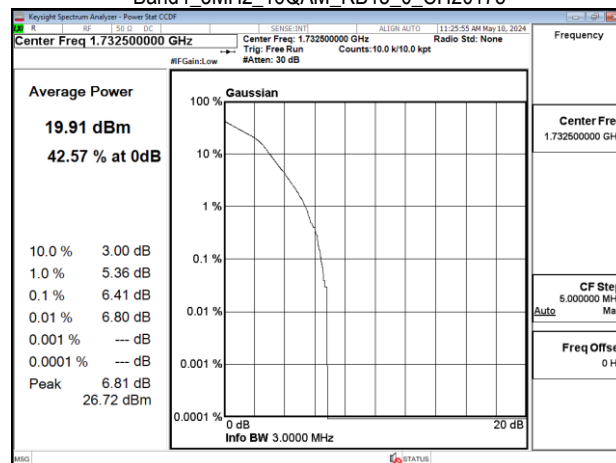
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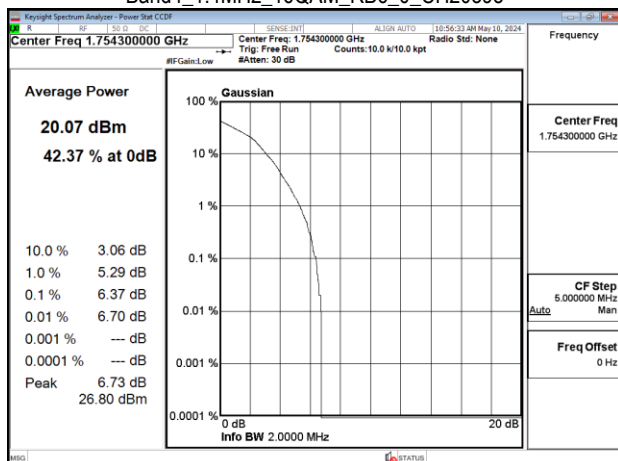
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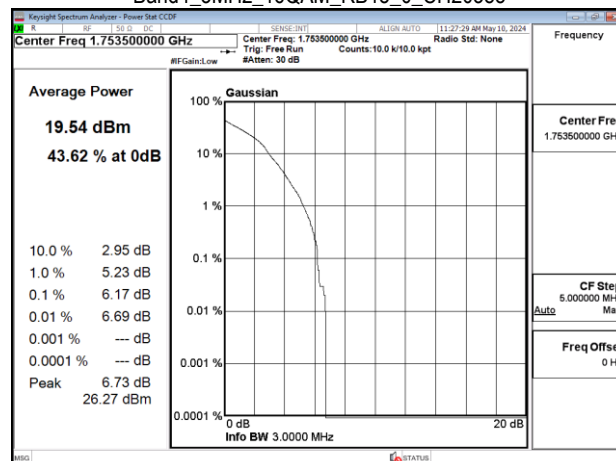
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Band4\_1.4MHz\_16QAM\_RB6\_0\_CH20393



Band4\_3MHz\_16QAM\_RB15\_0\_CH20385



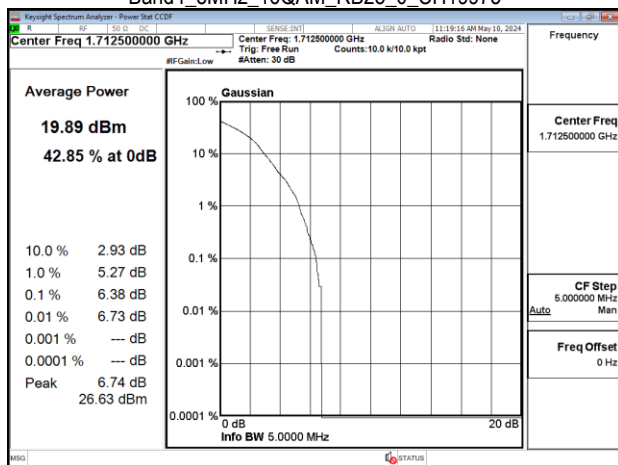
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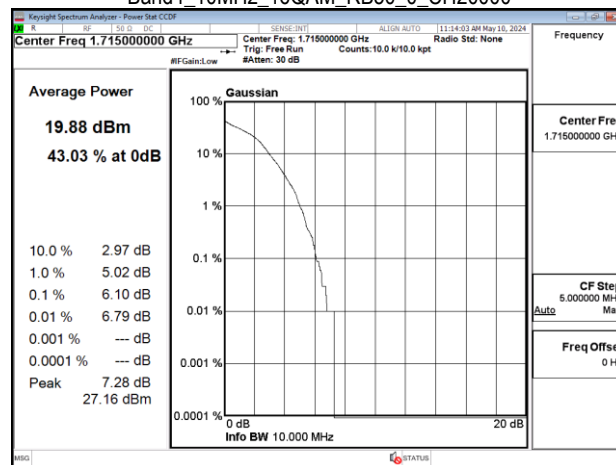
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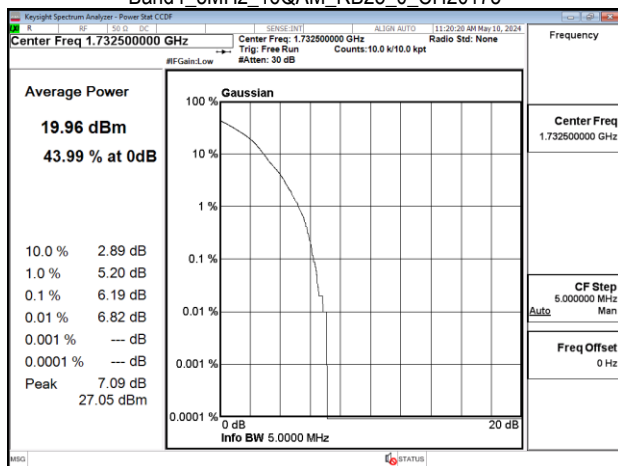
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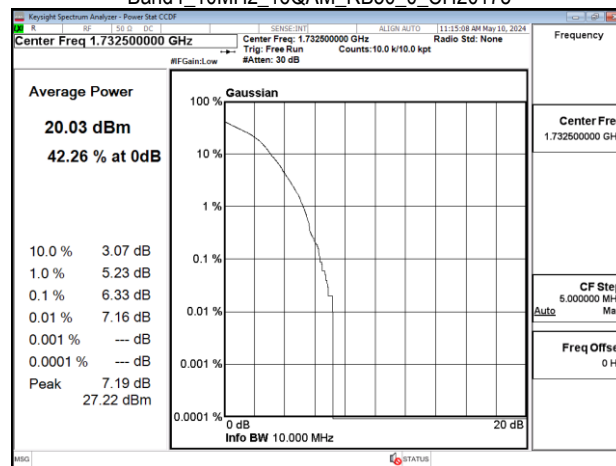
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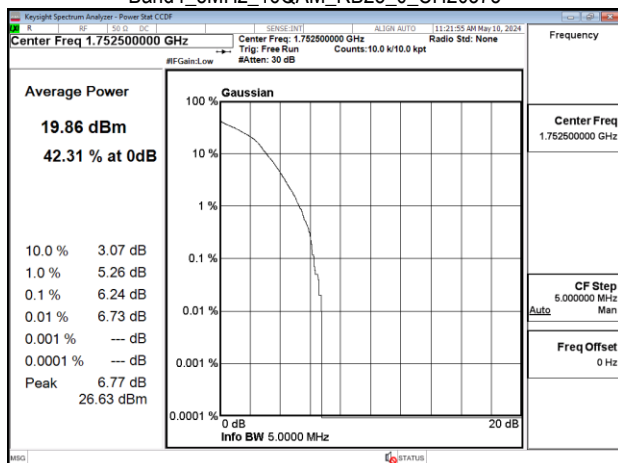
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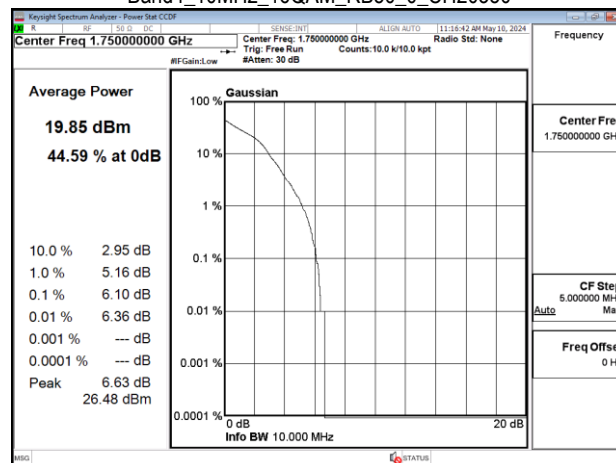
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Band4\_5MHz\_16QAM\_RB25\_0\_CH20375



Band4\_10MHz\_16QAM\_RB50\_0\_CH20350

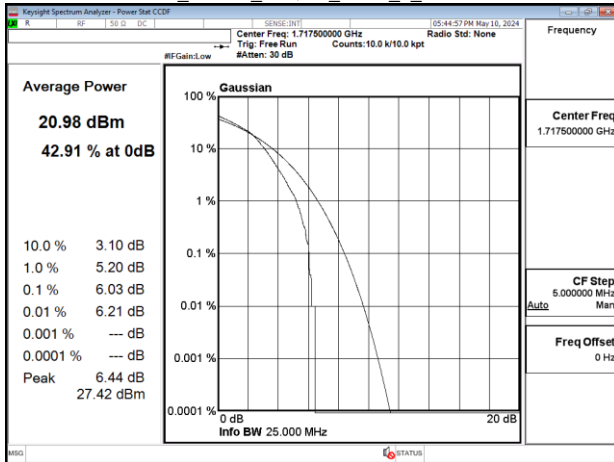


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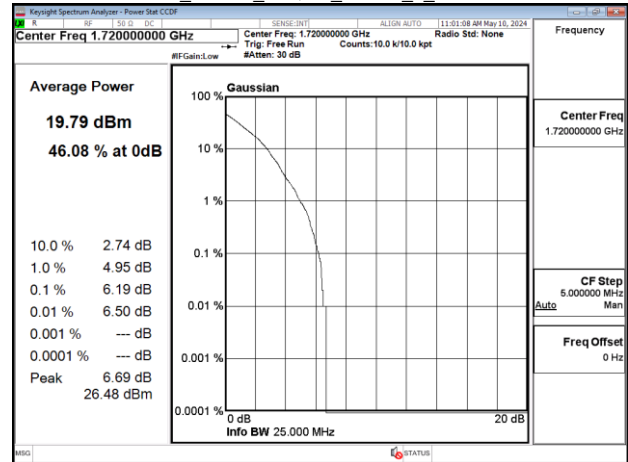
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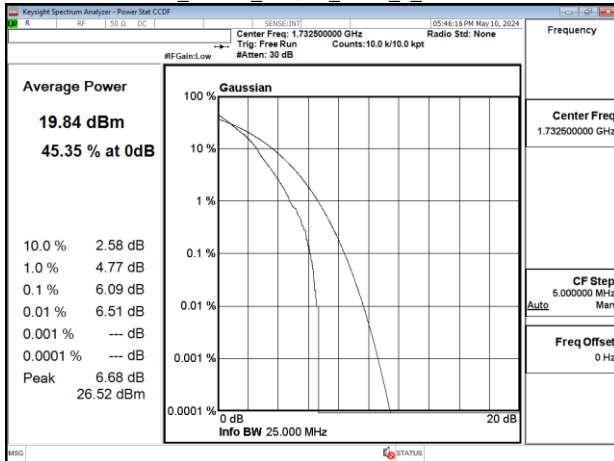
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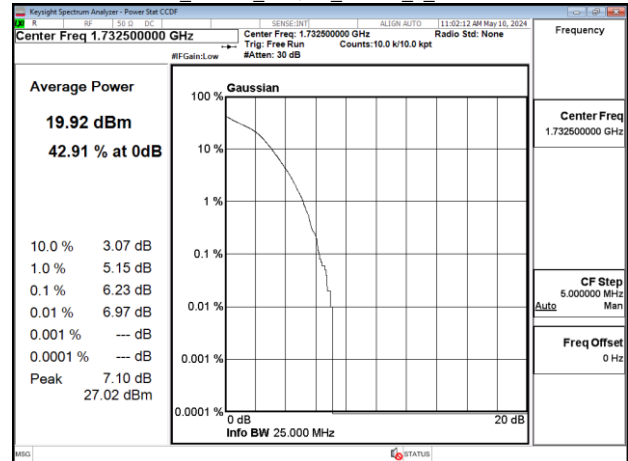
Band4\_20MHz\_16QAM\_RB100\_0\_CH20050



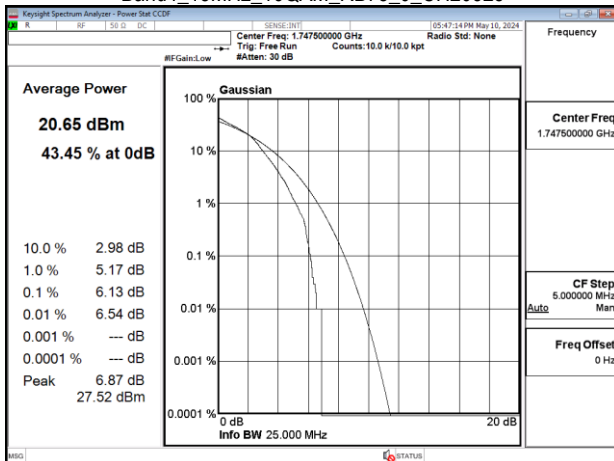
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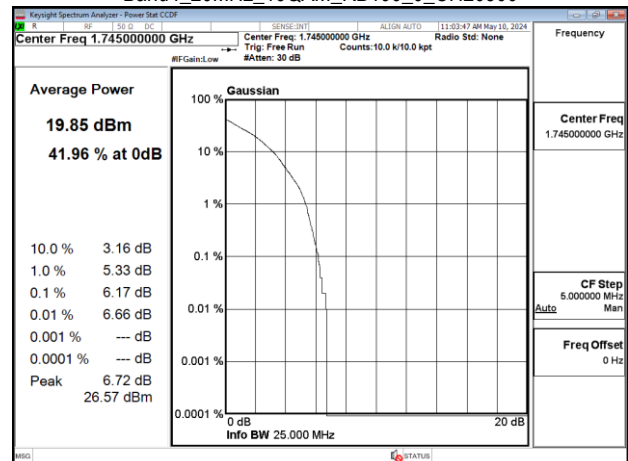
Band4\_20MHz\_16QAM\_RB100\_0\_CH20175



Band4\_15MHz\_16QAM\_RB75\_0\_CH20325



Band4\_20MHz\_16QAM\_RB100\_0\_CH20300



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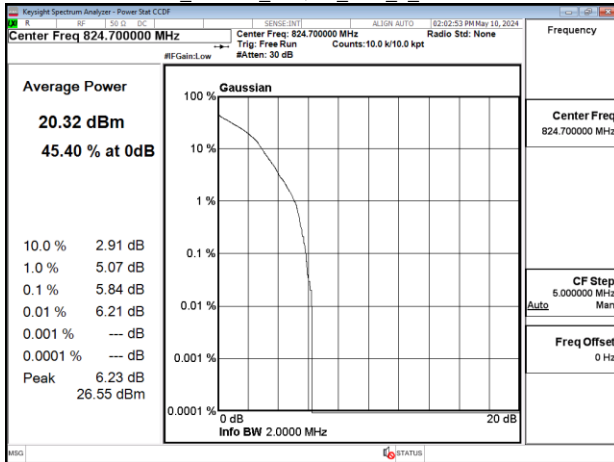
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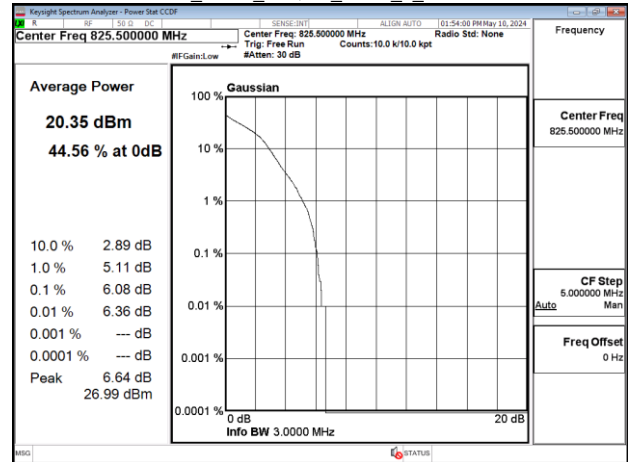
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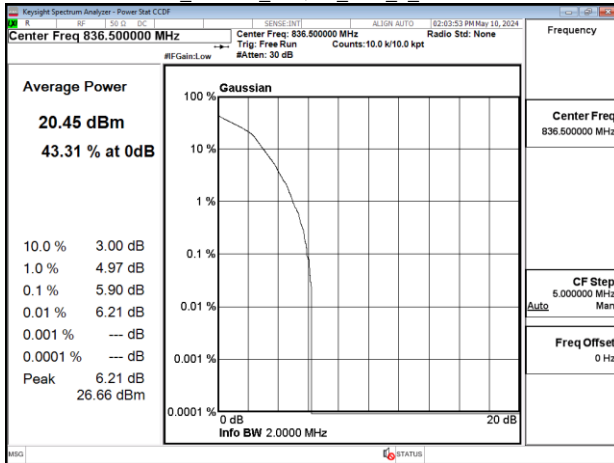
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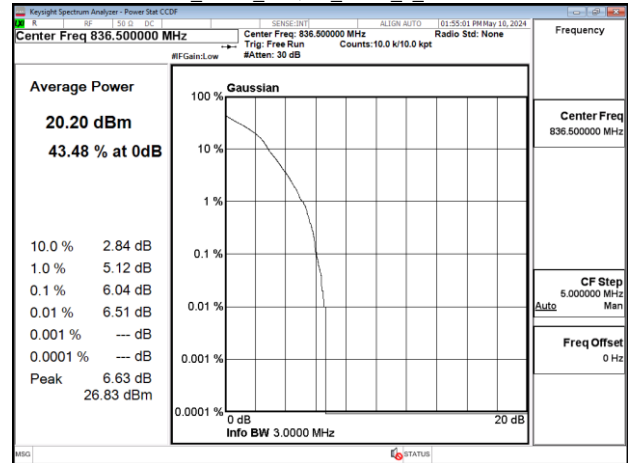
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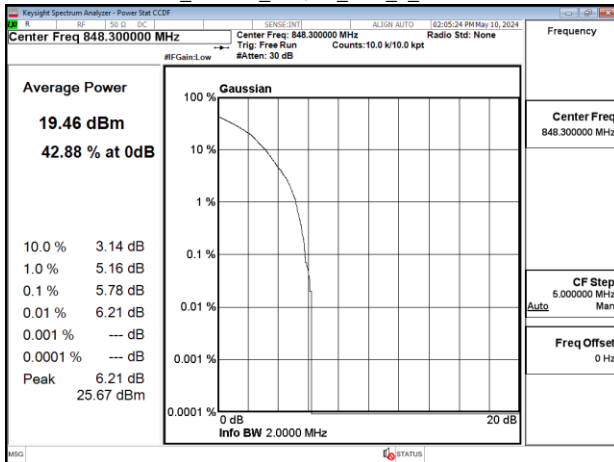
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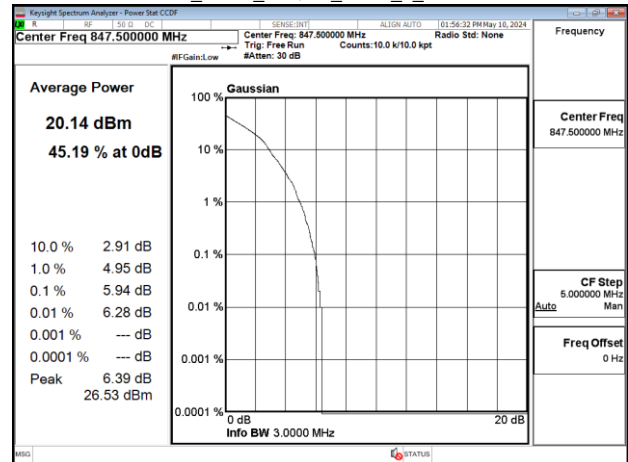
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Band5\_1.4MHz\_16QAM\_RB6\_0\_CH20643



Band5\_3MHz\_16QAM\_RB15\_0\_CH20635



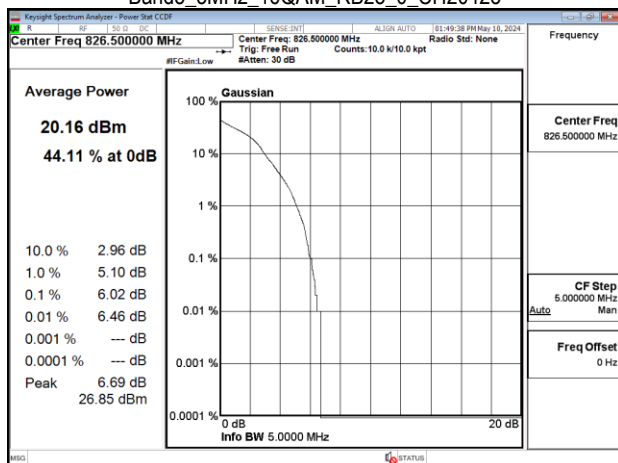
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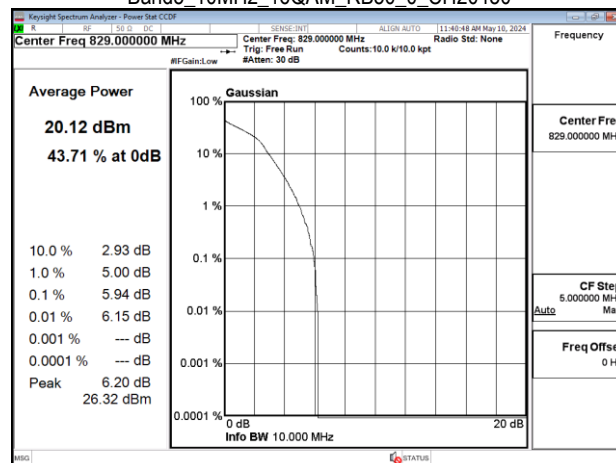
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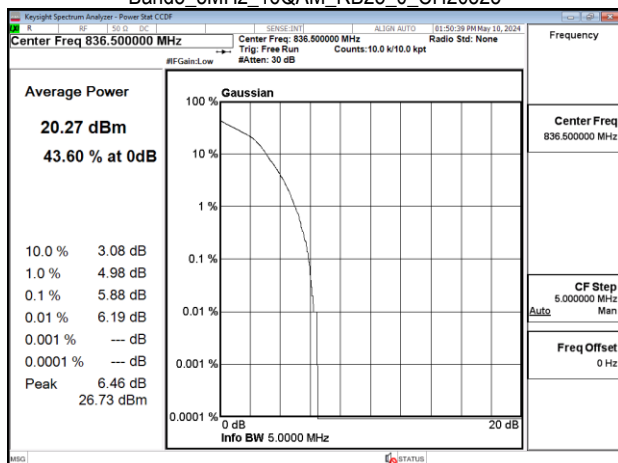
Band5\_5MHz\_16QAM\_RB25\_0\_CH20425



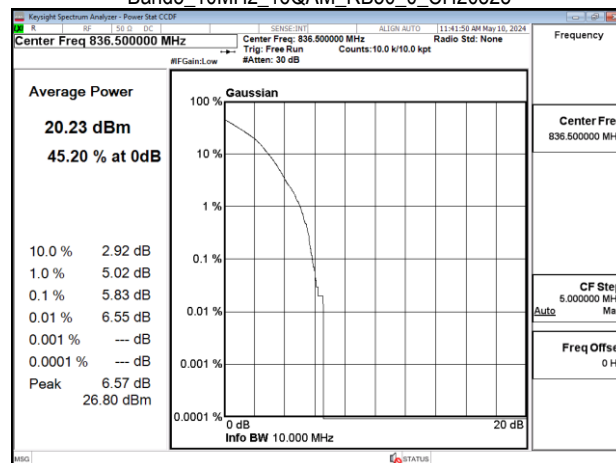
Band5\_10MHz\_16QAM\_RB50\_0\_CH20450



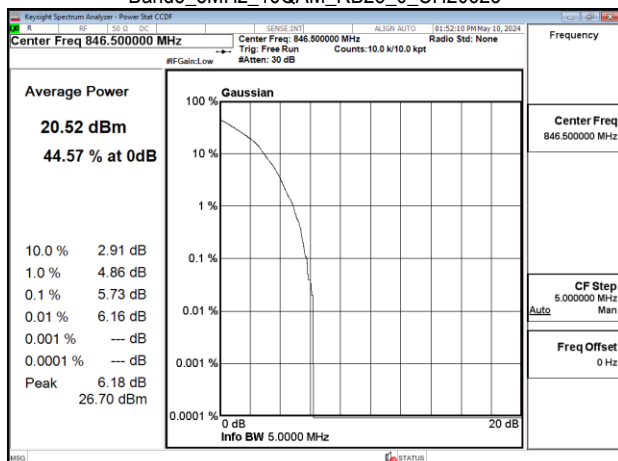
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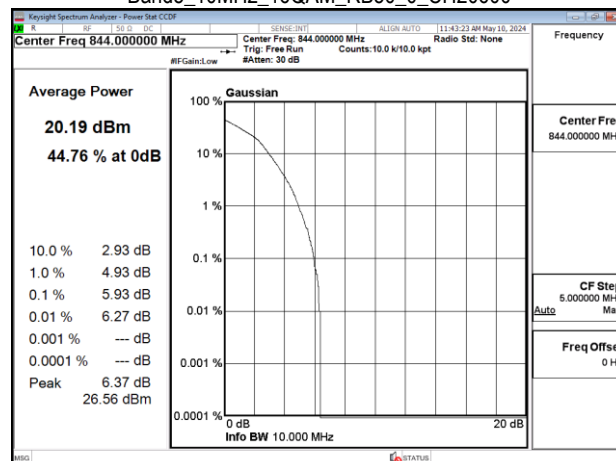
Band5\_10MHz\_16QAM\_RB50\_0\_CH20525



Band5\_5MHz\_16QAM\_RB25\_0\_CH20625



Band5\_10MHz\_16QAM\_RB50\_0\_CH20600



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