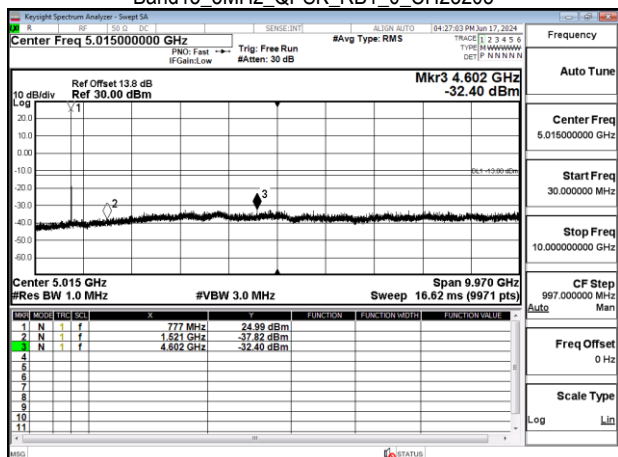
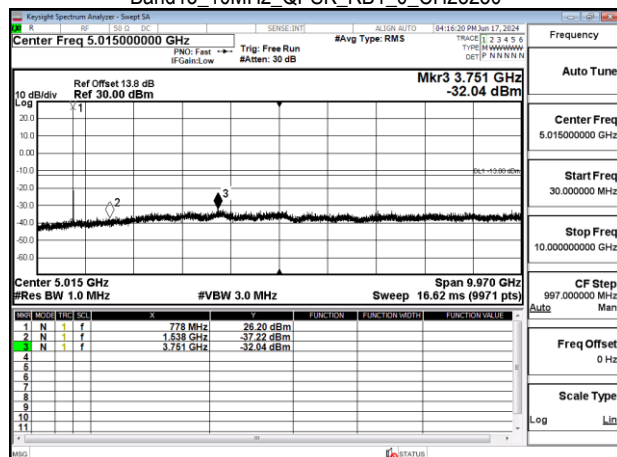


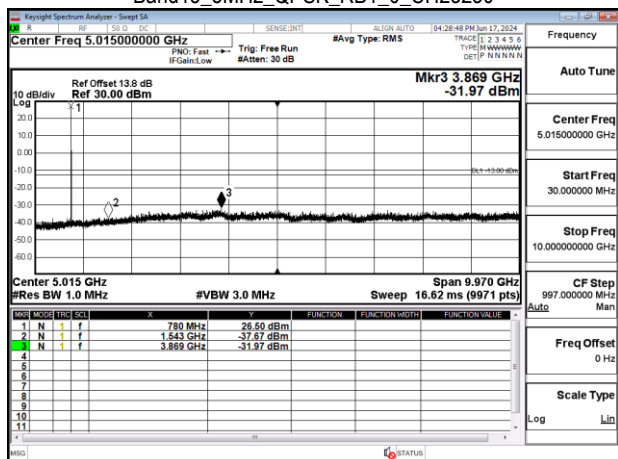
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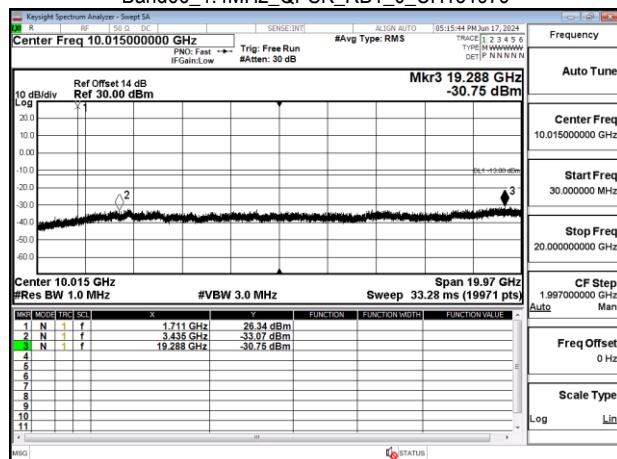
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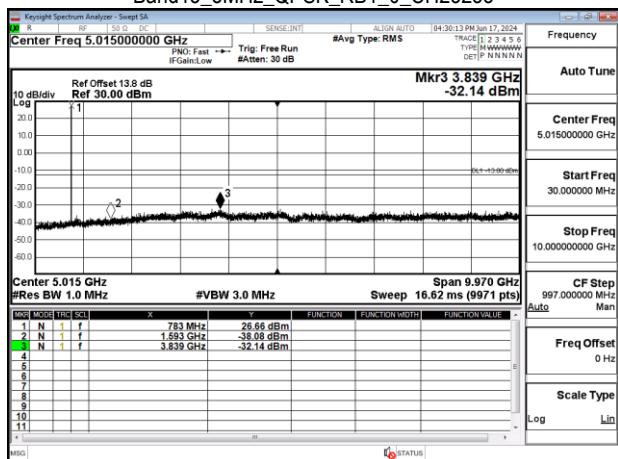
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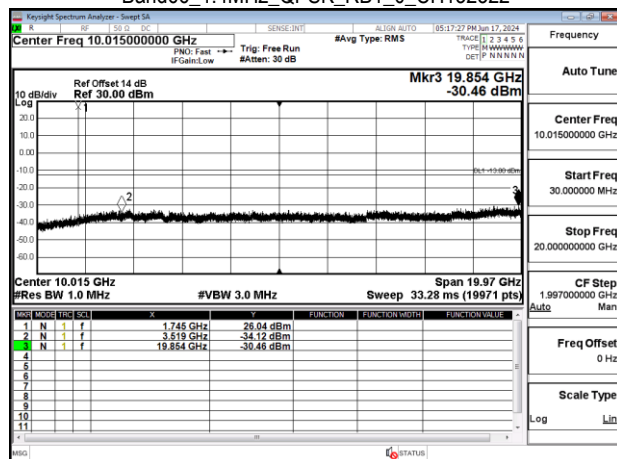
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Band13_5MHz_QPSK_RB1_0_CH23255



Band66_1.4MHz_QPSK_RB1_0_CH132322

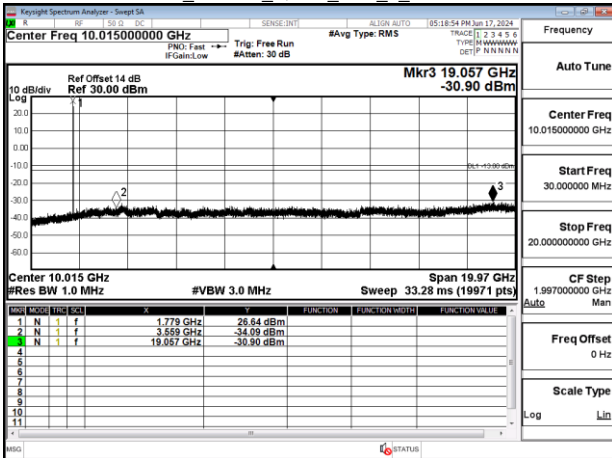


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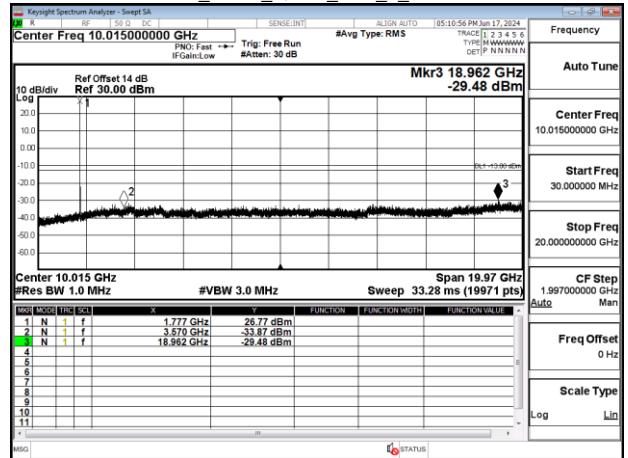
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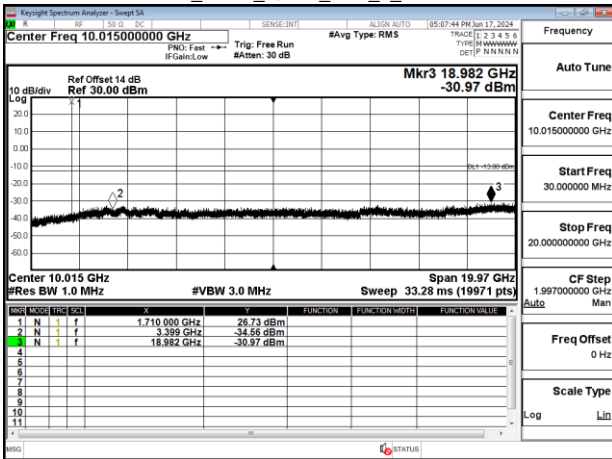
Band66 1.4MHz_QPSK_RB1_0_CH132665



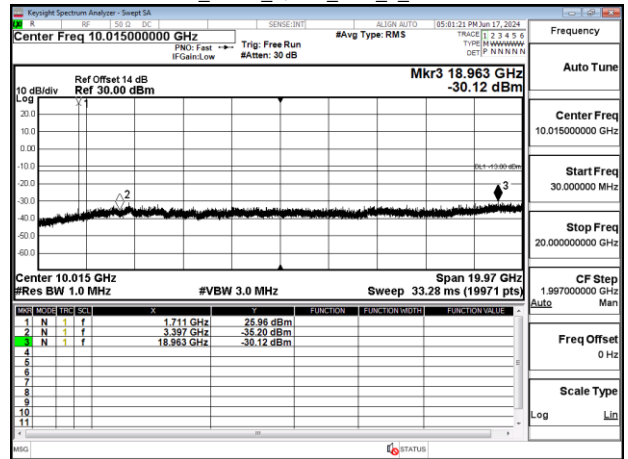
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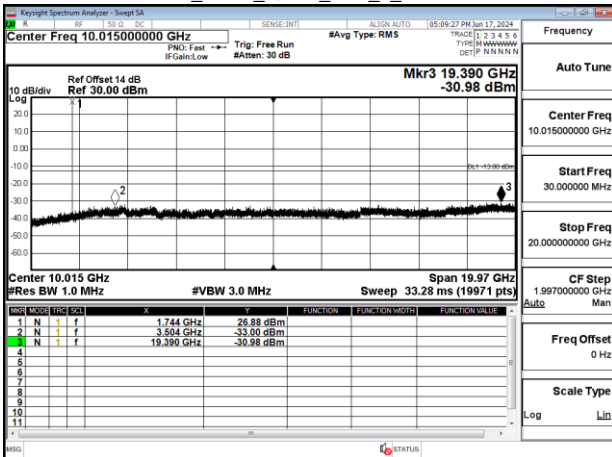
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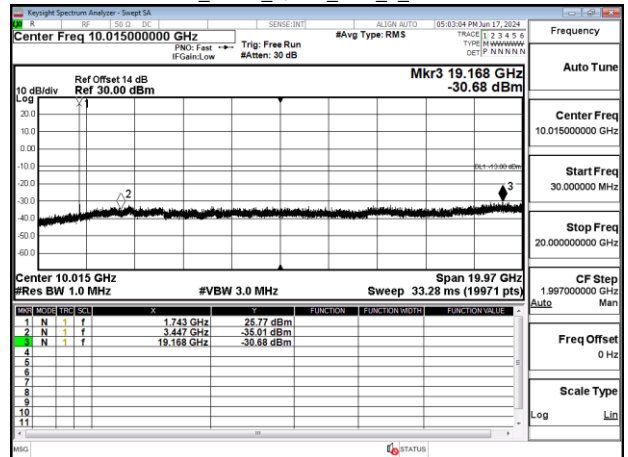
Band66 5MHz_QPSK_RB1_0_CH131997



Band66 3MHz_QPSK_RB1_0_CH132322



Band66 5MHz_QPSK_RB1_0_CH132322

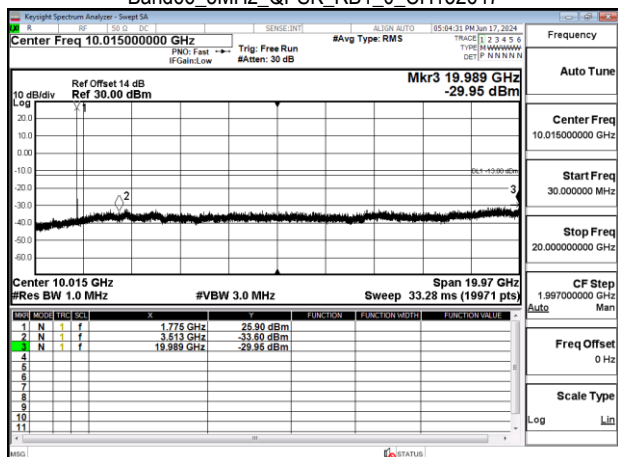


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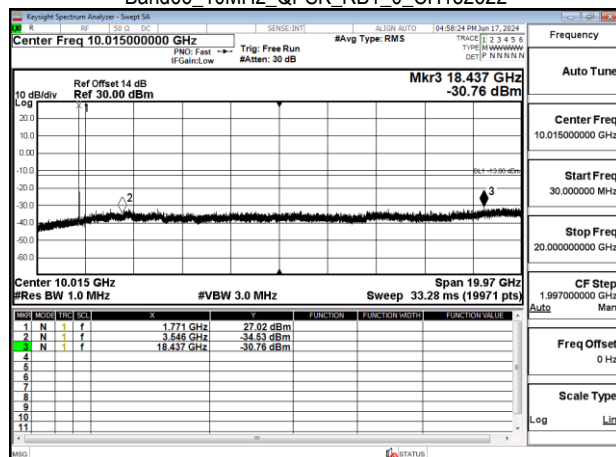
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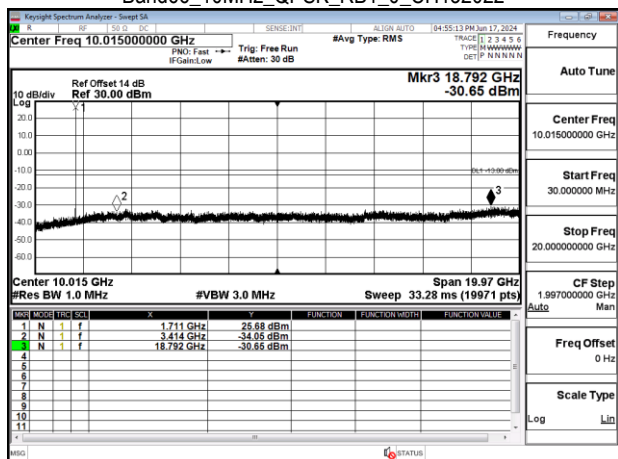
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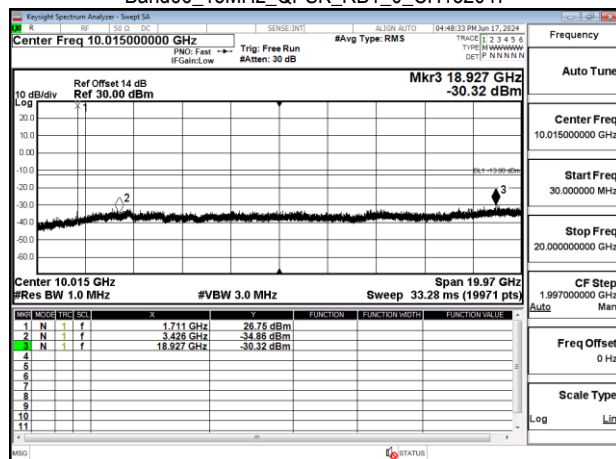
Band66_10MHz_QPSK_RB1_0_CH132622



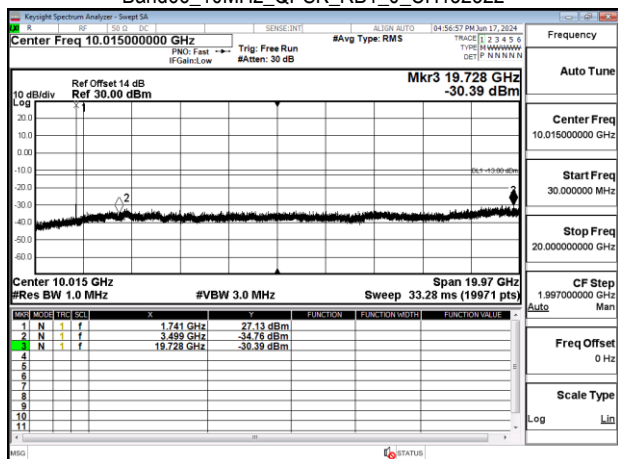
Band66_10MHz_QPSK_RB1_0_CH132022



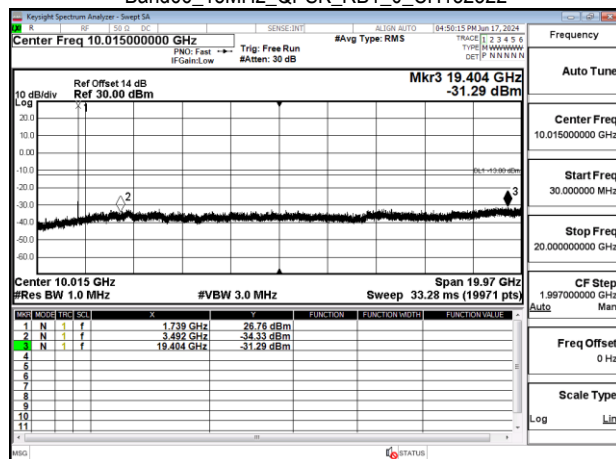
Band66_15MHz_QPSK_RB1_0_CH132047



Band66_10MHz_QPSK_RB1_0_CH132322



Band66_15MHz_QPSK_RB1_0_CH132322

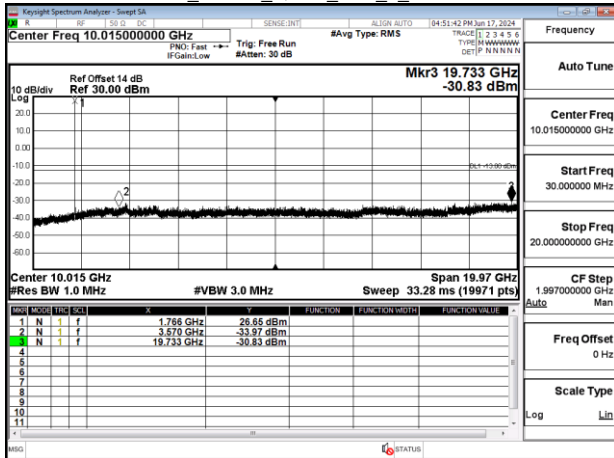


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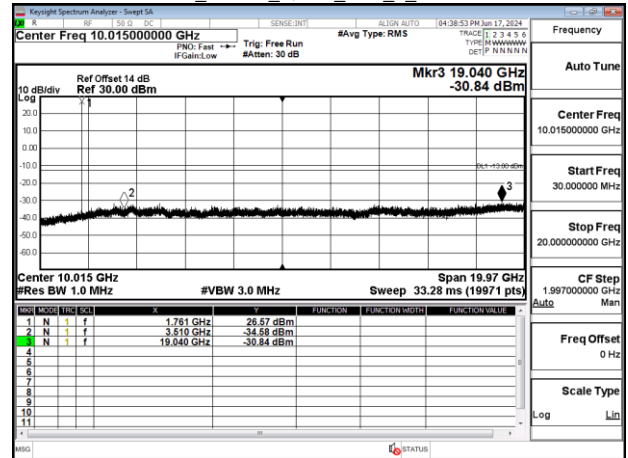
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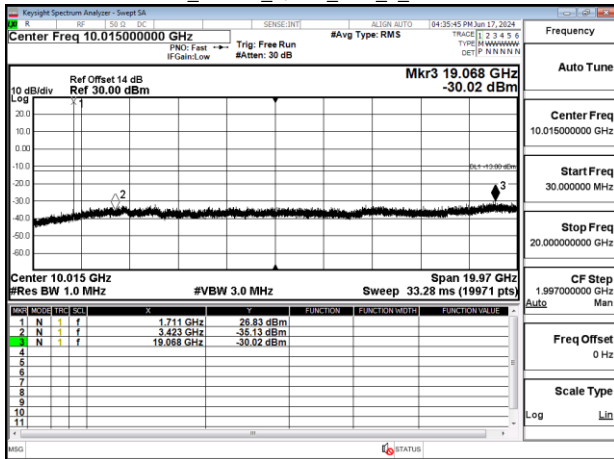
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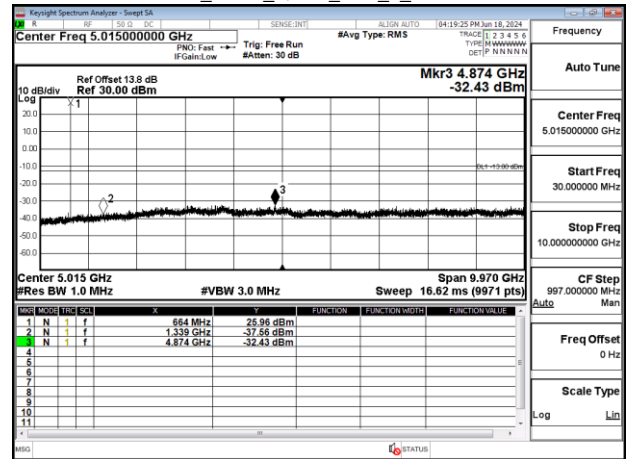
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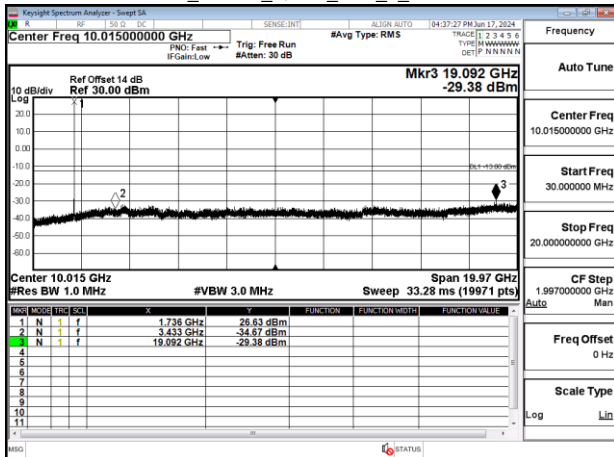
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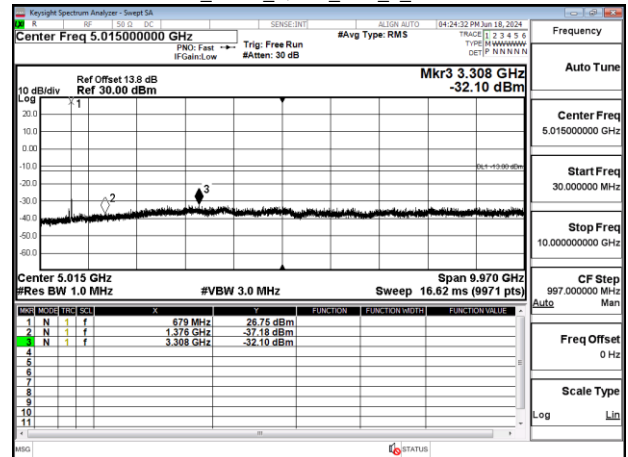
Band71_5MHz_QPSK_RB1_0_CH133147



Band66_20MHz_QPSK_RB1_0_CH132322



Band71_5MHz_QPSK_RB1_0_CH133297

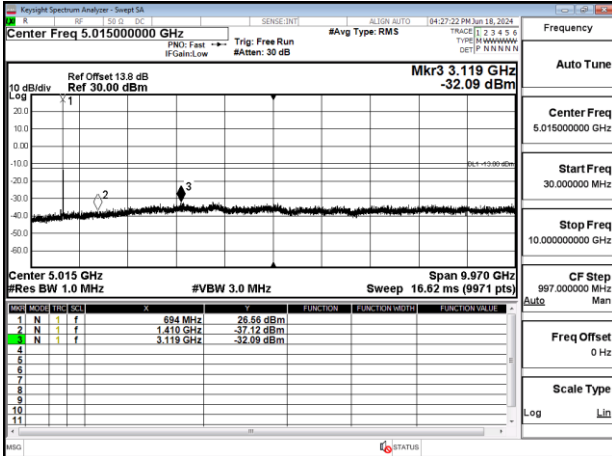


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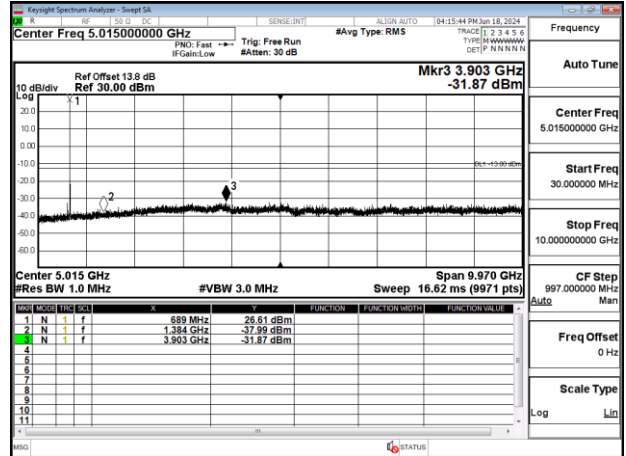
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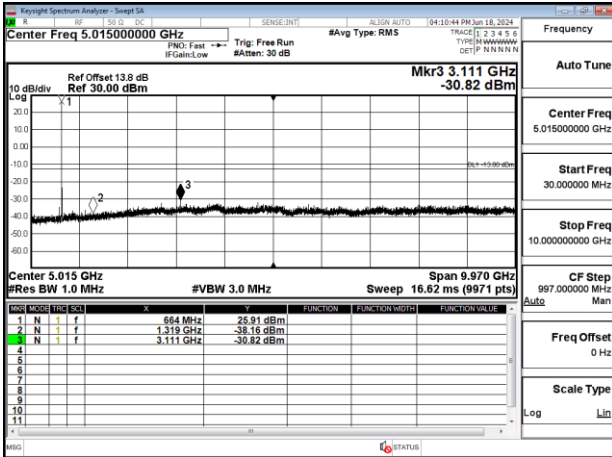
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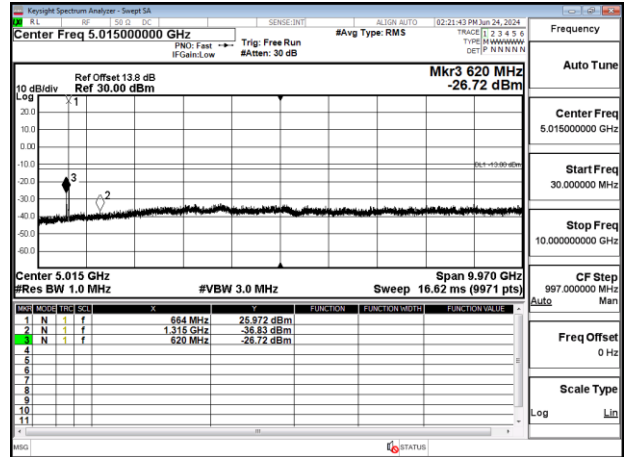
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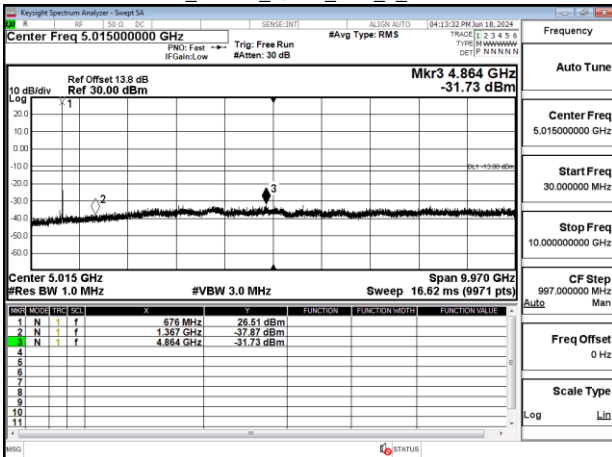
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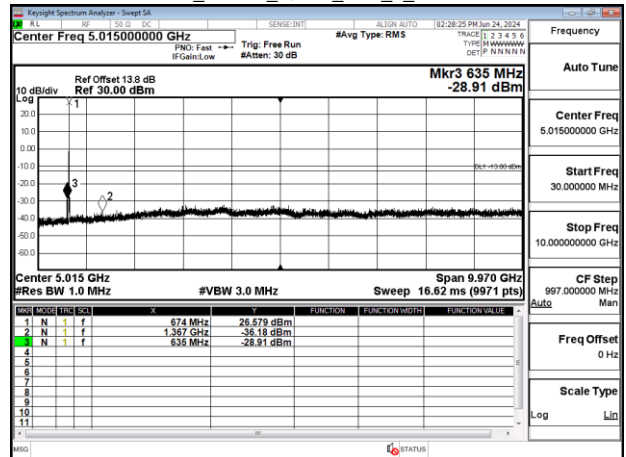
Band71_15MHz_QPSK_RB1_0_CH133197



Band71_10MHz_QPSK_RB1_0_CH133297



Band71_15MHz_QPSK_RB1_0_CH133297

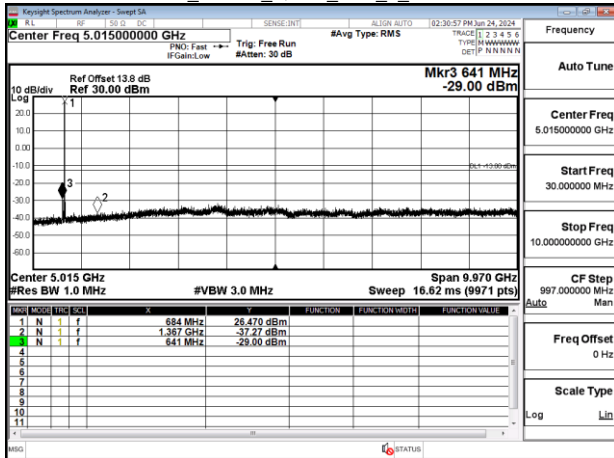


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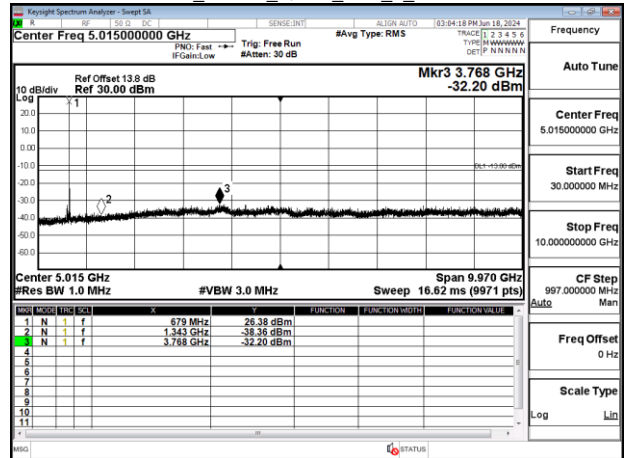
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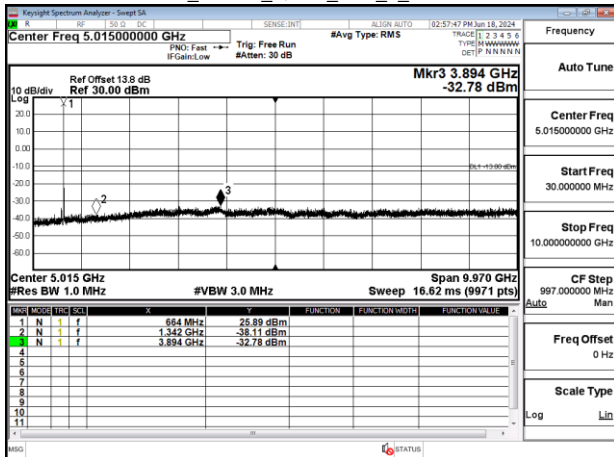
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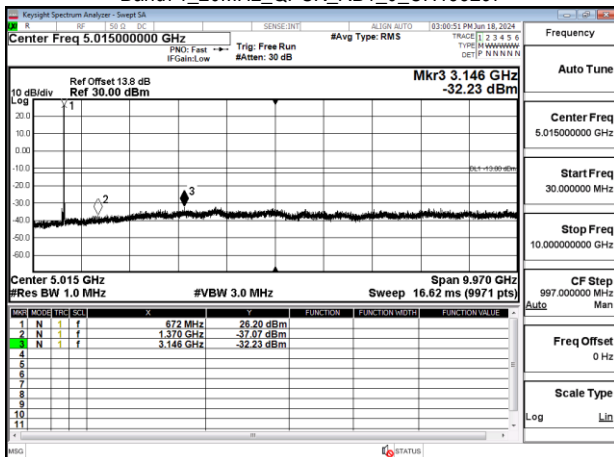
Band71_20MHz_QPSK_RB1_0_CH133372



Band71_20MHz_QPSK_RB1_0_CH133222



Band71_20MHz_QPSK_RB1_0_CH133297



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5 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Report Number :TERF2405001538E2

Test Site :SAC C

Operation Mode :LTE B2

Test Date :2024-06-20

Test Mode :Tx

Temp./Humi. :23.8°C/50%

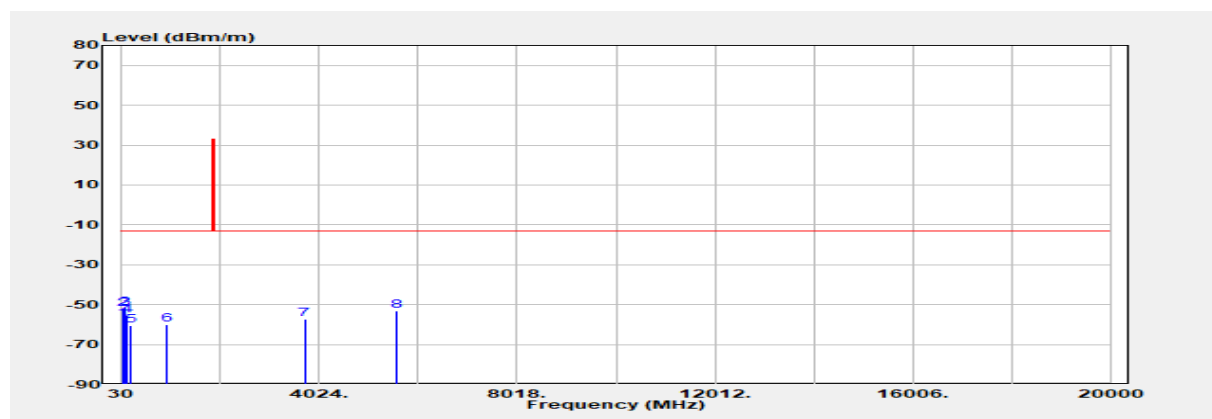
EUT Pol :E2 Plane

Antenna Pol. :Vertical

Test Frequency :1860 MHz

Engineer :Howard Huang

Note :SIM 1



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
52.310	-57.50	-45.57	-11.01	-0.92	-13.00	-44.50
66.860	-52.39	-44.24	-7.12	-1.03	-13.00	-39.39
84.320	-51.71	-48.86	-1.70	-1.15	-13.00	-38.71
142.520	-55.28	-51.88	-1.89	-1.51	-13.00	-42.28
203.630	-60.53	-62.89	4.16	-1.80	-13.00	-47.53
943.740	-59.89	-59.47	3.40	-3.82	-13.00	-46.89
3720.000	-57.47	-62.37	12.56	-7.66	-13.00	-44.47
5580.000	-53.21	-56.96	13.32	-9.57	-13.00	-40.21

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Report Number :TERF2405001538E2

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1860 MHz

Note :SIM 1

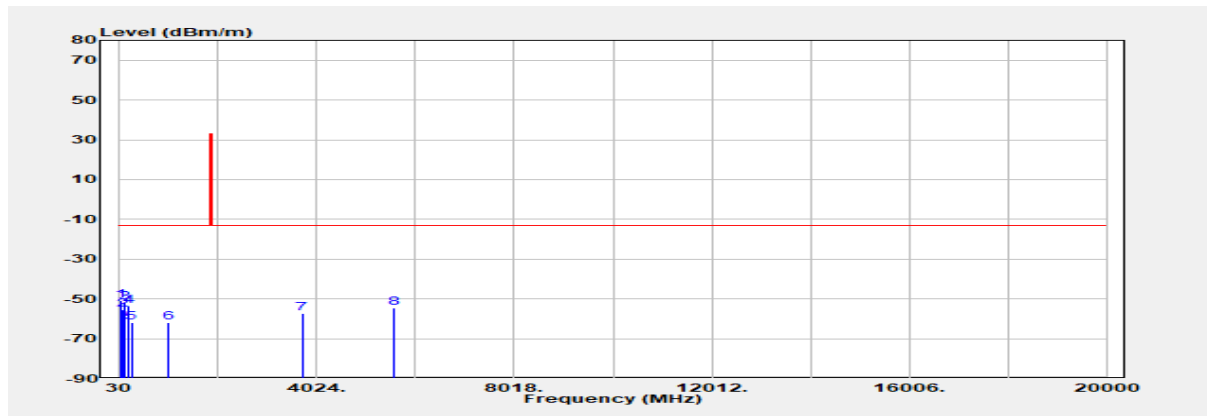
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-50.93	-43.58	-6.29	-1.06	-13.00	-37.93
84.320	-55.50	-52.65	-1.70	-1.15	-13.00	-42.50
142.520	-51.94	-48.54	-1.89	-1.51	-13.00	-38.94
201.690	-53.60	-55.88	4.07	-1.79	-13.00	-40.60
264.740	-61.75	-63.83	4.14	-2.06	-13.00	-48.75
999.030	-62.06	-62.09	3.97	-3.94	-13.00	-49.06
3720.000	-57.23	-62.13	12.56	-7.66	-13.00	-44.23
5580.000	-54.32	-58.07	13.32	-9.57	-13.00	-41.32

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Report Number :TERF2405001538E2

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1880 MHz

Note :SIM 1

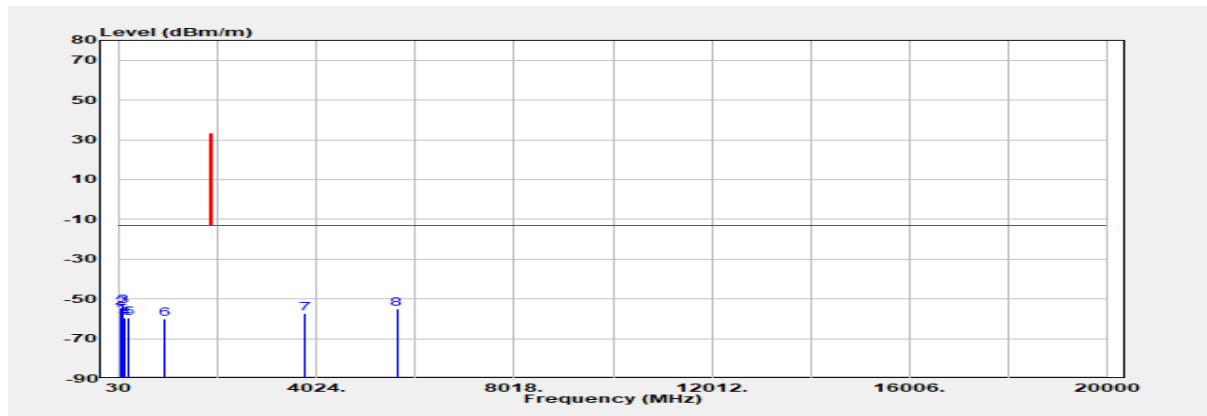
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.11	-46.18	-11.01	-0.92	-13.00	-45.11
65.890	-54.30	-45.98	-7.29	-1.03	-13.00	-41.30
84.320	-53.59	-50.74	-1.70	-1.15	-13.00	-40.59
129.910	-59.40	-56.43	-1.51	-1.46	-13.00	-46.40
198.780	-59.42	-61.67	4.03	-1.78	-13.00	-46.42
943.740	-59.91	-59.49	3.40	-3.82	-13.00	-46.91
3760.000	-57.47	-62.21	12.46	-7.72	-13.00	-44.47
5640.000	-54.93	-58.88	13.48	-9.53	-13.00	-41.93

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Report Number :TERF2405001538E2

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1880 MHz

Note :SIM 1

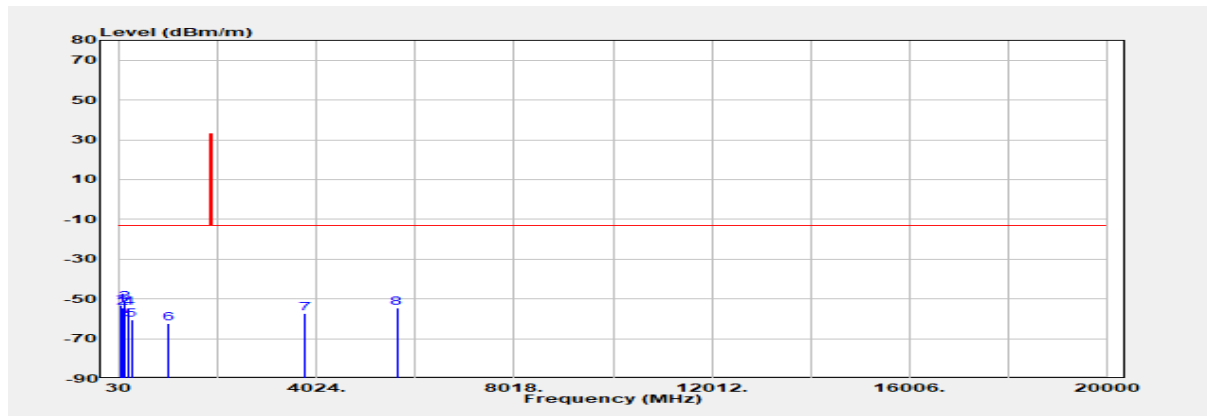
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
70.740	-53.28	-46.16	-6.05	-1.07	-13.00	-40.28
87.230	-54.42	-52.22	-1.03	-1.17	-13.00	-41.42
137.670	-51.55	-48.43	-1.64	-1.48	-13.00	-38.55
199.750	-54.50	-56.72	4.01	-1.79	-13.00	-41.50
264.740	-60.39	-62.47	4.14	-2.06	-13.00	-47.39
995.150	-62.39	-62.39	3.94	-3.94	-13.00	-49.39
3760.000	-57.27	-62.01	12.46	-7.72	-13.00	-44.27
5640.000	-54.66	-58.61	13.48	-9.53	-13.00	-41.66

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Report Number :TERF2405001538E2

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1900 MHz

Note :SIM 1

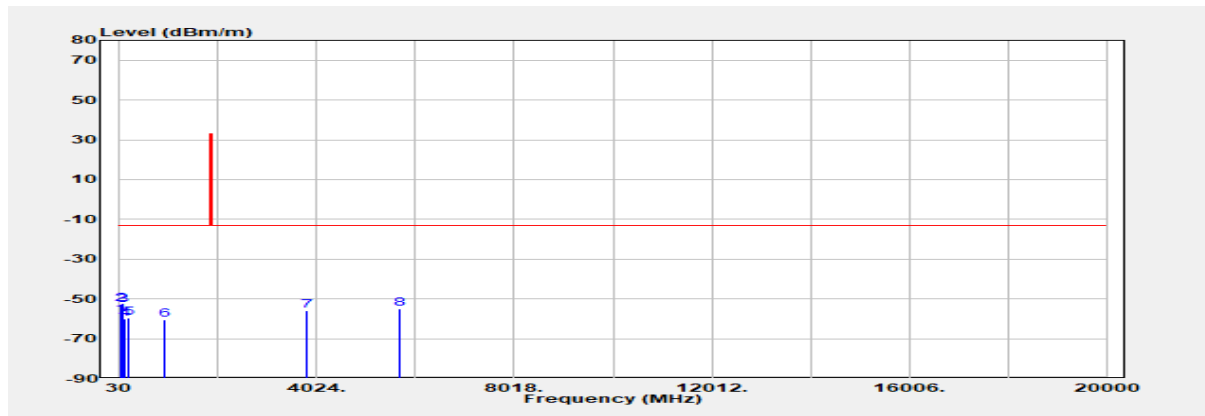
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.31	-46.38	-11.01	-0.92	-13.00	-45.31
66.860	-52.52	-44.37	-7.12	-1.03	-13.00	-39.52
84.320	-53.11	-50.26	-1.70	-1.15	-13.00	-40.11
131.850	-60.06	-57.27	-1.33	-1.46	-13.00	-47.06
203.630	-59.78	-62.14	4.16	-1.80	-13.00	-46.78
948.590	-60.64	-60.16	3.35	-3.83	-13.00	-47.64
3800.000	-56.03	-60.55	12.30	-7.78	-13.00	-43.03
5700.000	-54.91	-58.71	13.30	-9.50	-13.00	-41.91

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Report Number :TERF2405001538E2

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1900 MHz

Note :SIM 1

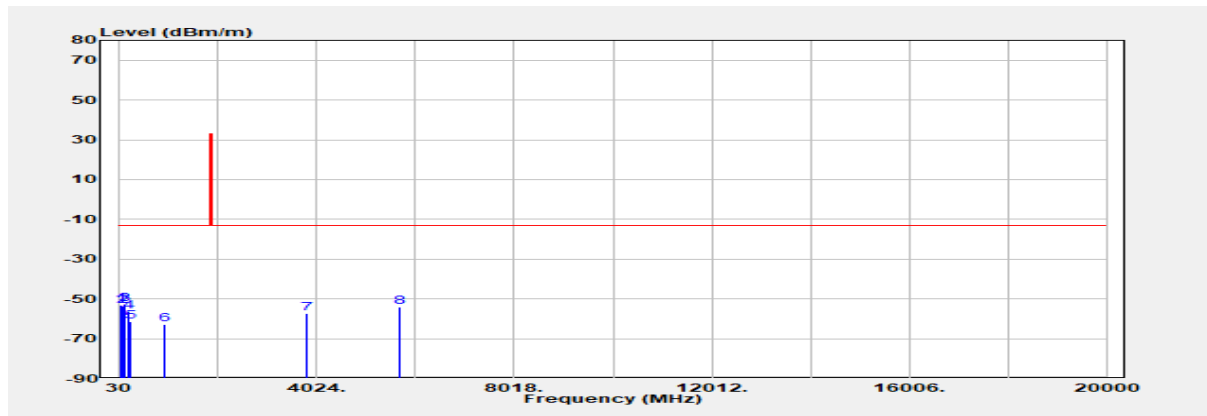
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-53.14	-45.79	-6.29	-1.06	-13.00	-40.14
84.320	-53.79	-50.94	-1.70	-1.15	-13.00	-40.79
134.760	-52.54	-49.47	-1.60	-1.47	-13.00	-39.54
202.660	-56.51	-58.83	4.12	-1.80	-13.00	-43.51
263.770	-61.25	-63.35	4.15	-2.05	-13.00	-48.25
943.740	-63.00	-62.58	3.40	-3.82	-13.00	-50.00
3800.000	-57.14	-61.66	12.30	-7.78	-13.00	-44.14
5700.000	-54.18	-57.98	13.30	-9.50	-13.00	-41.18

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Report Number :TERF2405001538E2

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1712.5 MHz

Note :SIM 1

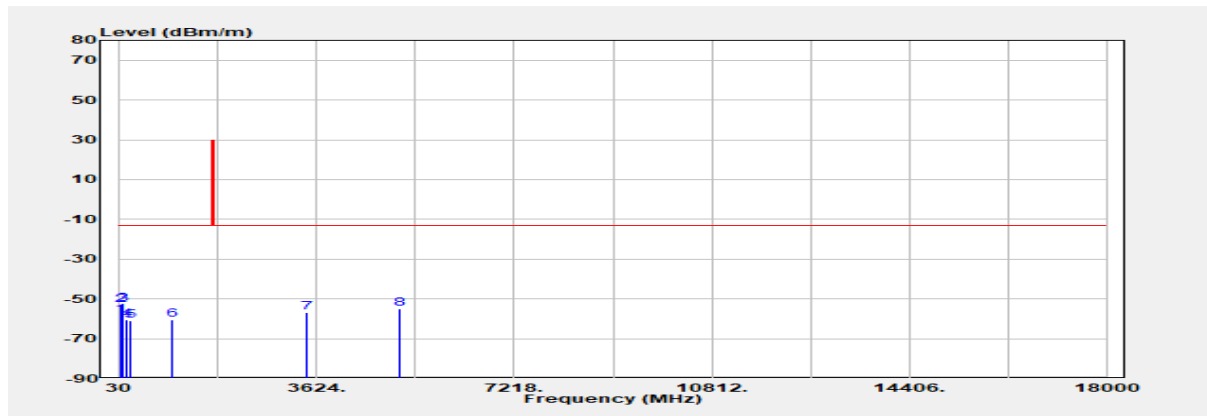
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
53.280	-58.16	-46.25	-10.98	-0.93	-13.00	-45.16
66.860	-52.99	-44.84	-7.12	-1.03	-13.00	-39.99
82.380	-52.86	-49.53	-2.19	-1.14	-13.00	-39.86
143.490	-60.60	-57.10	-1.98	-1.52	-13.00	-47.60
216.240	-61.15	-64.08	4.81	-1.88	-13.00	-48.15
989.330	-60.65	-60.62	3.88	-3.91	-13.00	-47.65
3425.000	-57.01	-62.18	12.55	-7.38	-13.00	-44.01
5137.500	-54.97	-58.23	12.38	-9.12	-13.00	-41.97

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Report Number :TERF2405001538E2

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1712.5 MHz

Note :SIM 1

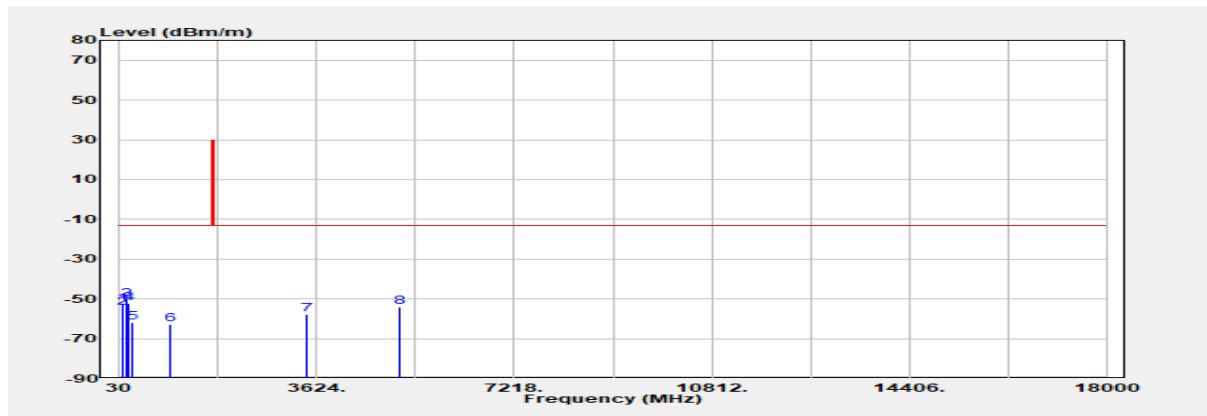
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-52.60	-45.25	-6.29	-1.06	-13.00	-39.60
83.350	-54.38	-51.37	-1.87	-1.14	-13.00	-41.38
140.580	-50.59	-47.32	-1.78	-1.49	-13.00	-37.59
204.600	-52.30	-54.70	4.20	-1.80	-13.00	-39.30
263.770	-61.84	-63.94	4.15	-2.05	-13.00	-48.84
949.560	-62.96	-62.46	3.34	-3.84	-13.00	-49.96
3425.000	-57.93	-63.10	12.55	-7.38	-13.00	-44.93
5137.500	-53.95	-57.21	12.38	-9.12	-13.00	-40.95

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Report Number :TERF2405001538E2

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1732.5 MHz

Note :SIM 1

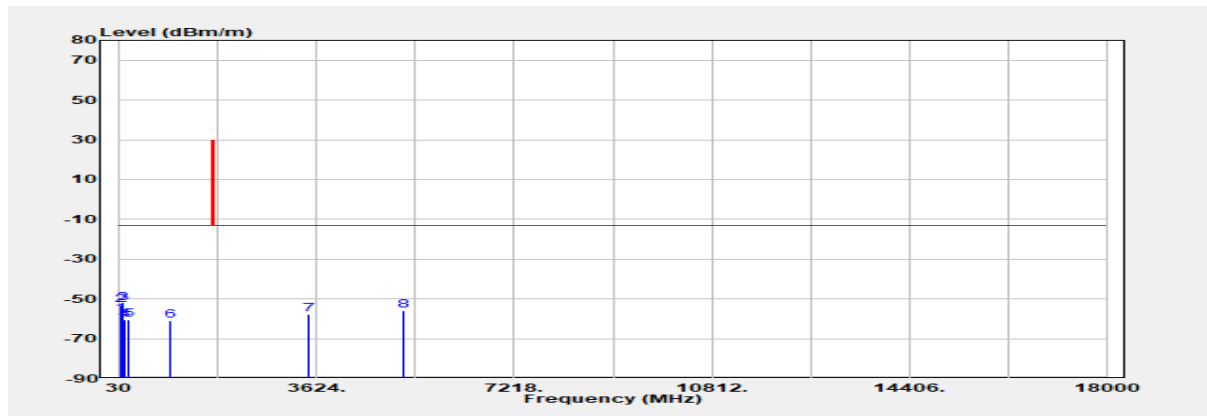
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-57.60	-45.67	-11.01	-0.92	-13.00	-44.60
65.890	-52.95	-44.63	-7.29	-1.03	-13.00	-39.95
83.350	-52.30	-49.29	-1.87	-1.14	-13.00	-39.30
129.910	-60.41	-57.44	-1.51	-1.46	-13.00	-47.41
202.660	-60.47	-62.79	4.12	-1.80	-13.00	-47.47
948.590	-61.02	-60.54	3.35	-3.83	-13.00	-48.02
3465.000	-57.84	-62.84	12.44	-7.44	-13.00	-44.84
5197.500	-55.81	-59.27	12.69	-9.22	-13.00	-42.81

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Report Number :TERF2405001538E2

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1732.5 MHz

Note :SIM 1

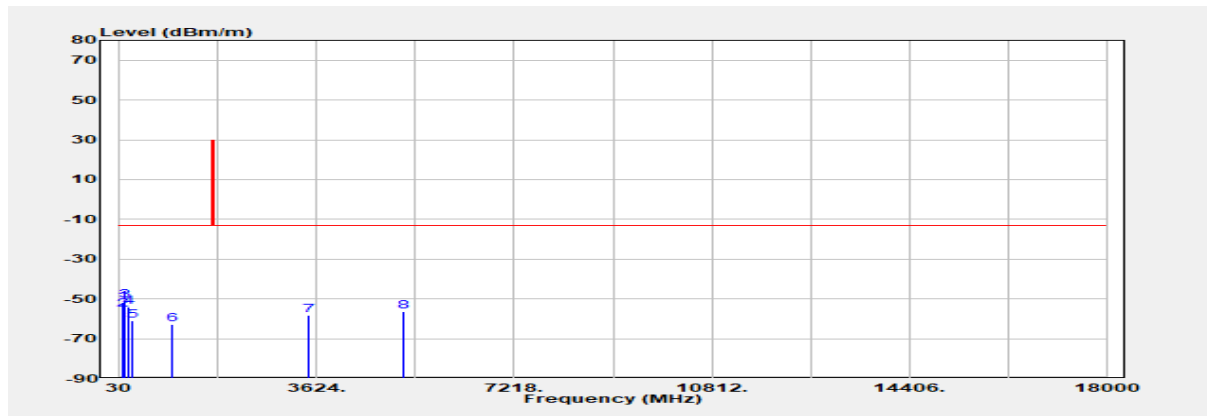
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-51.73	-44.38	-6.29	-1.06	-13.00	-38.73
86.260	-55.49	-53.23	-1.10	-1.16	-13.00	-42.49
129.910	-50.70	-47.73	-1.51	-1.46	-13.00	-37.70
199.750	-53.91	-56.13	4.01	-1.79	-13.00	-40.91
263.770	-60.75	-62.85	4.15	-2.05	-13.00	-47.75
974.780	-62.79	-62.55	3.65	-3.89	-13.00	-49.79
3465.000	-58.30	-63.30	12.44	-7.44	-13.00	-45.30
5197.500	-56.51	-59.97	12.69	-9.22	-13.00	-43.51

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Report Number :TERF2405001538E2

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1752.5 MHz

Note :SIM 1

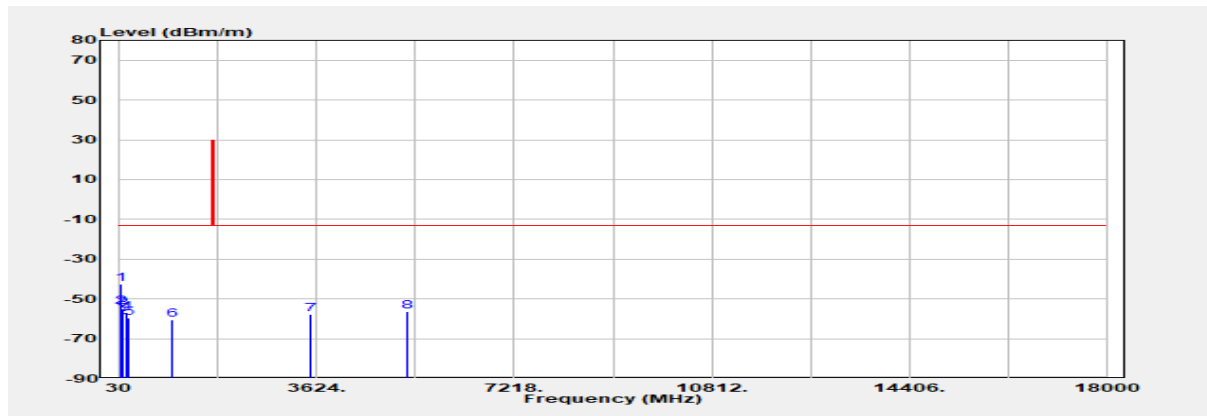
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
46.490	-42.55	-29.63	-12.07	-0.85	-13.00	-29.55
66.860	-54.19	-46.04	-7.12	-1.03	-13.00	-41.19
83.350	-54.98	-51.97	-1.87	-1.14	-13.00	-41.98
143.490	-56.83	-53.33	-1.98	-1.52	-13.00	-43.83
200.720	-59.47	-61.71	4.03	-1.79	-13.00	-46.47
981.570	-60.58	-60.45	3.75	-3.88	-13.00	-47.58
3505.000	-57.85	-62.64	12.30	-7.51	-13.00	-44.85
5257.500	-56.22	-60.10	13.12	-9.24	-13.00	-43.22

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Report Number :TERF2405001538E2

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1752.5 MHz

Note :SIM 1

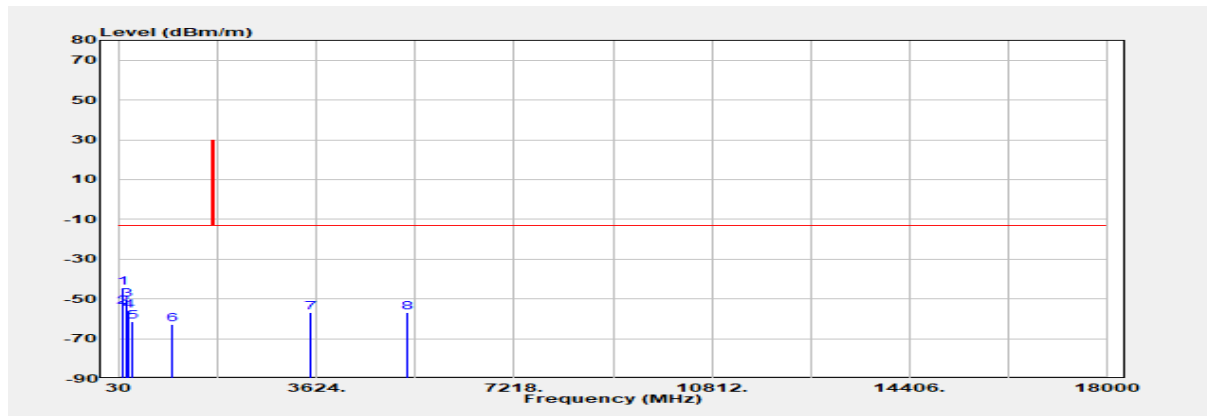
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
70.740	-44.16	-37.04	-6.05	-1.07	-13.00	-31.16
86.260	-54.14	-51.88	-1.10	-1.16	-13.00	-41.14
145.430	-50.25	-46.87	-1.85	-1.53	-13.00	-37.25
198.780	-55.99	-58.24	4.03	-1.78	-13.00	-42.99
262.800	-61.43	-63.54	4.16	-2.05	-13.00	-48.43
999.030	-62.87	-62.90	3.97	-3.94	-13.00	-49.87
3505.000	-56.60	-61.39	12.30	-7.51	-13.00	-43.60
5257.500	-56.68	-60.56	13.12	-9.24	-13.00	-43.68

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Report Number :TERF2405001538E2

Operation Mode :LTE B5

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :824.7 MHz

Note :SIM 1

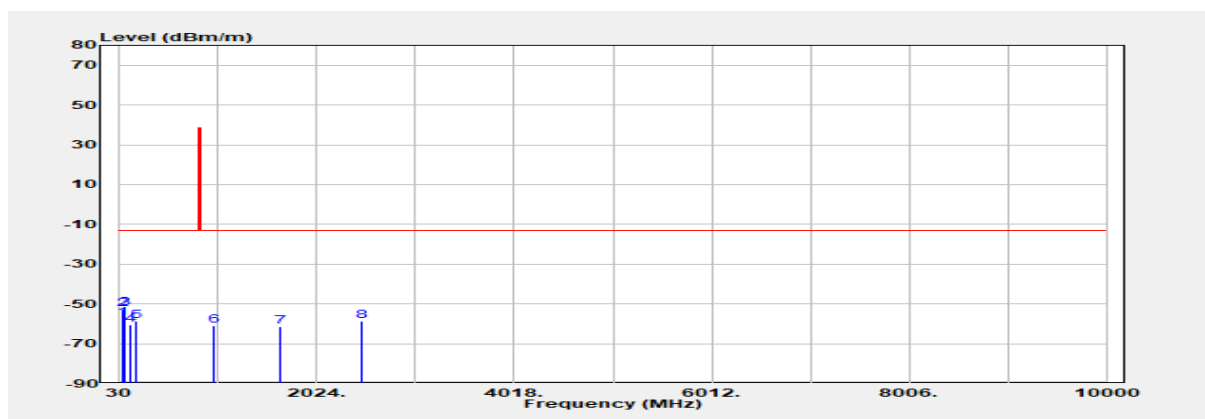
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-57.35	-45.42	-11.01	-0.92	-13.00	-44.35
65.890	-52.59	-44.27	-7.29	-1.03	-13.00	-39.59
84.320	-52.24	-49.39	-1.70	-1.15	-13.00	-39.24
139.610	-60.42	-57.17	-1.76	-1.49	-13.00	-47.42
197.810	-58.86	-60.98	3.90	-1.78	-13.00	-45.86
974.780	-61.10	-60.86	3.65	-3.89	-13.00	-48.10
1649.400	-61.50	-65.95	9.50	-5.05	-13.00	-48.50
2474.100	-58.86	-63.12	10.50	-6.24	-13.00	-45.86

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Report Number :TERF2405001538E2

Operation Mode :LTE B5

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :824.7 MHz

Note :SIM 1

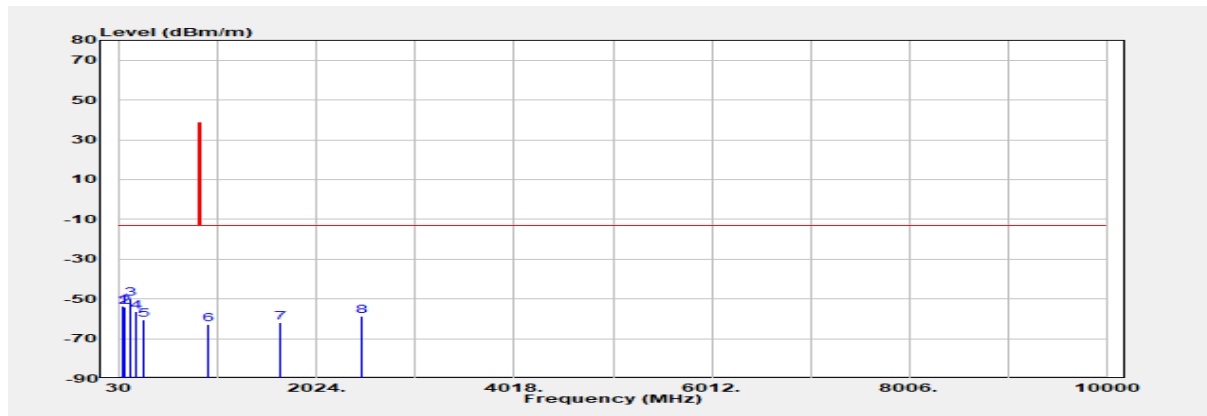
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-53.63	-46.28	-6.29	-1.06	-13.00	-40.63
84.320	-53.99	-51.14	-1.70	-1.15	-13.00	-40.99
142.520	-50.07	-46.67	-1.89	-1.51	-13.00	-37.07
197.810	-56.30	-58.42	3.90	-1.78	-13.00	-43.30
263.770	-60.58	-62.68	4.15	-2.05	-13.00	-47.58
930.160	-62.59	-62.32	3.55	-3.82	-13.00	-49.59
1649.400	-61.76	-66.21	9.50	-5.05	-13.00	-48.76
2474.100	-58.58	-62.84	10.50	-6.24	-13.00	-45.58

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Report Number :TERF2405001538E2

Operation Mode :LTE B5

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :836.5 MHz

Note :SIM 1

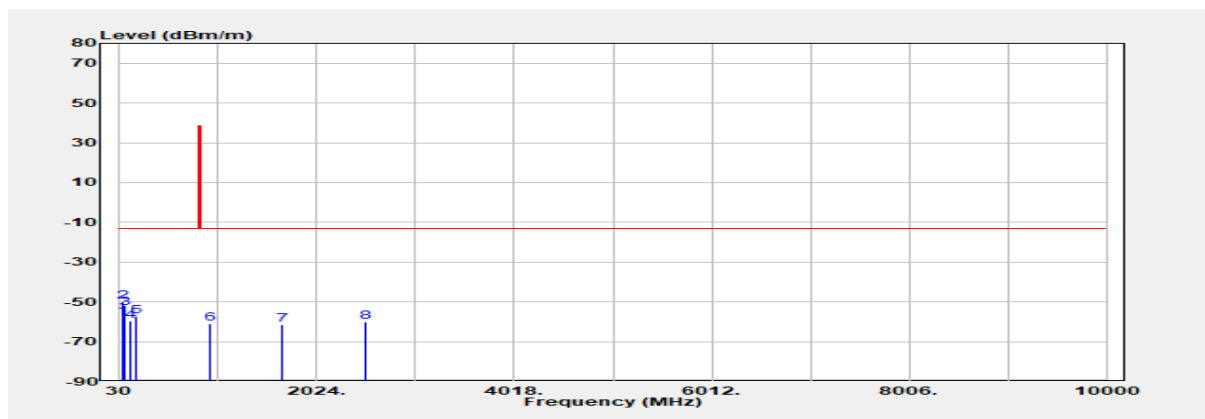
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
53.280	-57.67	-45.76	-10.98	-0.93	-13.00	-44.67
61.040	-49.73	-39.77	-8.99	-0.97	-13.00	-36.73
86.260	-53.02	-50.76	-1.10	-1.16	-13.00	-40.02
133.790	-59.70	-56.66	-1.57	-1.47	-13.00	-46.70
198.780	-57.25	-59.50	4.03	-1.78	-13.00	-44.25
947.620	-60.89	-60.42	3.36	-3.83	-13.00	-47.89
1673.000	-61.28	-66.04	9.83	-5.07	-13.00	-48.28
2509.500	-59.90	-64.22	10.61	-6.28	-13.00	-46.90

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Report Number :TERF2405001538E2

Operation Mode :LTE B5

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :836.5 MHz

Note :SIM 1

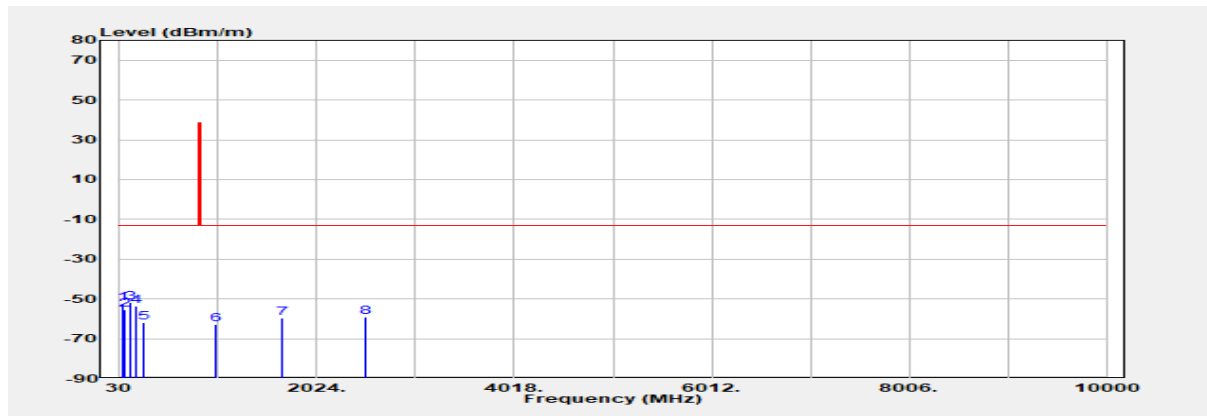
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-52.44	-45.09	-6.29	-1.06	-13.00	-39.44
89.170	-55.60	-53.66	-0.75	-1.19	-13.00	-42.60
140.580	-51.59	-48.32	-1.78	-1.49	-13.00	-38.59
195.870	-53.78	-55.72	3.71	-1.77	-13.00	-40.78
263.770	-61.67	-63.77	4.15	-2.05	-13.00	-48.67
995.150	-62.61	-62.61	3.94	-3.94	-13.00	-49.61
1673.000	-59.70	-64.46	9.83	-5.07	-13.00	-46.70
2509.500	-59.06	-63.38	10.61	-6.28	-13.00	-46.06

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Report Number :TERF2405001538E2

Operation Mode :LTE B5

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :848.3 MHz

Note :SIM 1

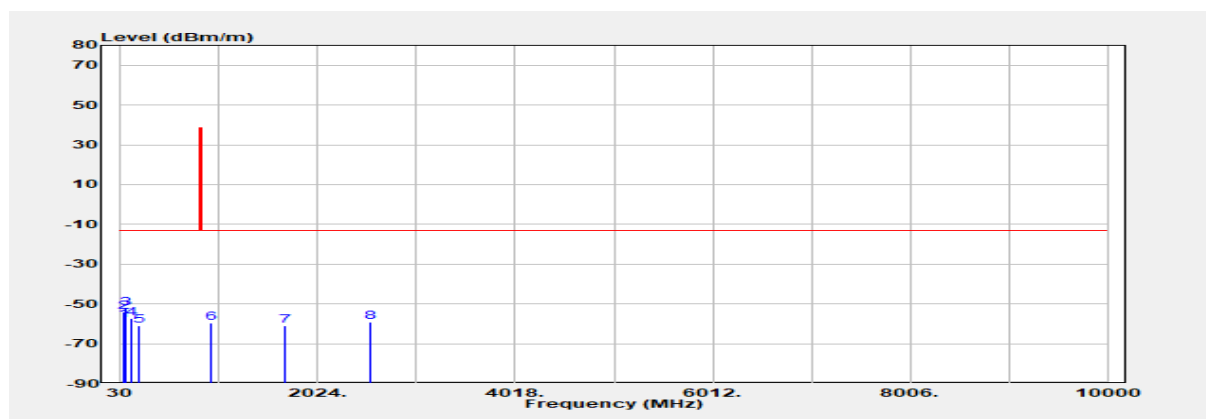
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.09	-46.16	-11.01	-0.92	-13.00	-45.09
65.890	-53.99	-45.67	-7.29	-1.03	-13.00	-40.99
83.350	-52.08	-49.07	-1.87	-1.14	-13.00	-39.08
136.700	-57.27	-54.25	-1.54	-1.48	-13.00	-44.27
215.270	-60.87	-63.75	4.75	-1.87	-13.00	-47.87
948.590	-59.75	-59.27	3.35	-3.83	-13.00	-46.75
1696.600	-60.75	-65.62	9.97	-5.10	-13.00	-47.75
2544.900	-59.15	-63.45	10.65	-6.35	-13.00	-46.15

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Report Number :TERF2405001538E2

Operation Mode :LTE B5

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :848.3 MHz

Note :SIM 1

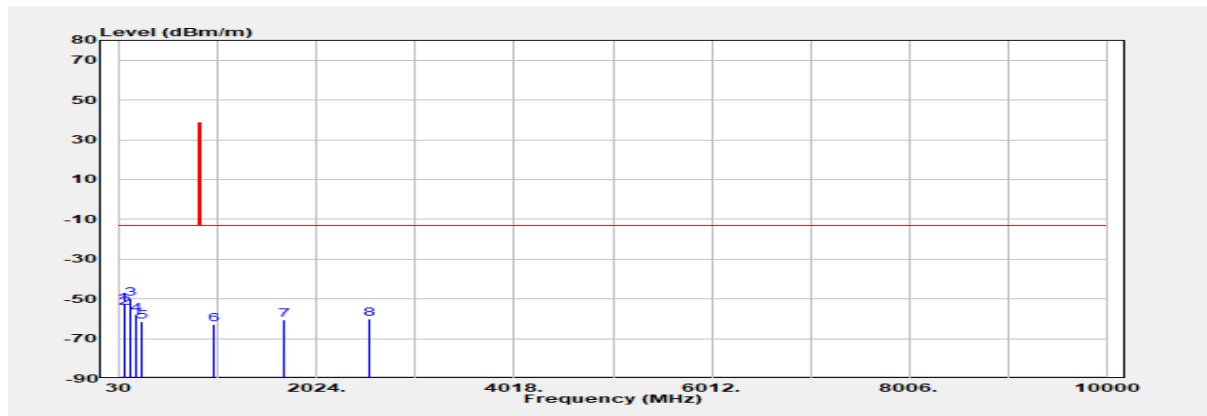
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
70.740	-52.72	-45.60	-6.05	-1.07	-13.00	-39.72
84.320	-54.36	-51.51	-1.70	-1.15	-13.00	-41.36
142.520	-49.70	-46.30	-1.89	-1.51	-13.00	-36.70
196.840	-57.52	-59.60	3.85	-1.77	-13.00	-44.52
257.950	-61.33	-63.49	4.19	-2.03	-13.00	-48.33
984.480	-62.81	-62.75	3.83	-3.89	-13.00	-49.81
1696.600	-60.50	-65.37	9.97	-5.10	-13.00	-47.50
2544.900	-59.85	-64.15	10.65	-6.35	-13.00	-46.85

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Report Number :TERF2405001538E2

Operation Mode :LTE B12

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :701.5 MHz

Note :SIM 1

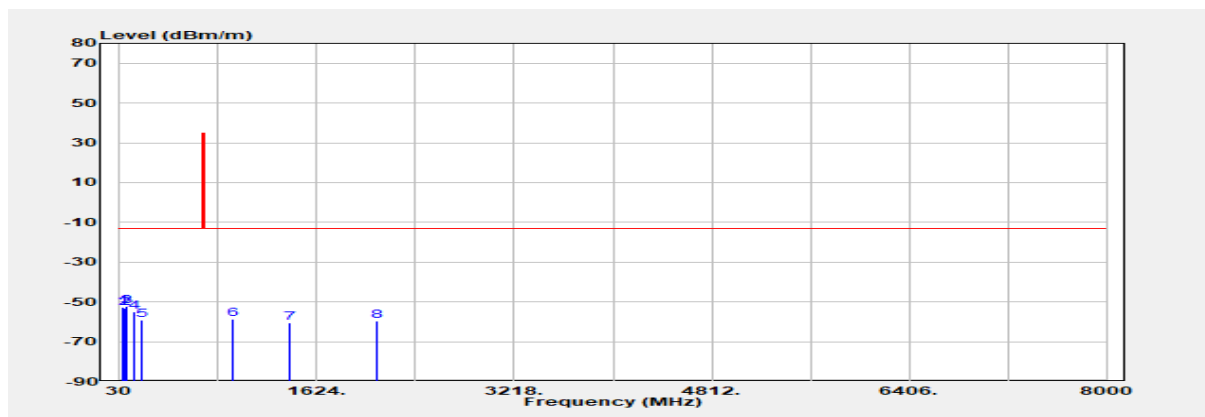
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
48.430	-52.64	-39.89	-11.88	-0.87	-13.00	-39.64
65.890	-53.02	-44.70	-7.29	-1.03	-13.00	-40.02
84.320	-52.08	-49.23	-1.70	-1.15	-13.00	-39.08
145.430	-55.05	-51.67	-1.85	-1.53	-13.00	-42.05
201.690	-59.09	-61.37	4.07	-1.79	-13.00	-46.09
947.620	-58.77	-58.30	3.36	-3.83	-13.00	-45.77
1403.000	-60.65	-63.68	7.70	-4.67	-13.00	-47.65
2104.500	-59.45	-63.64	9.91	-5.72	-13.00	-46.45

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Report Number :TERF2405001538E2

Operation Mode :LTE B12

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :701.5 MHz

Note :SIM 1

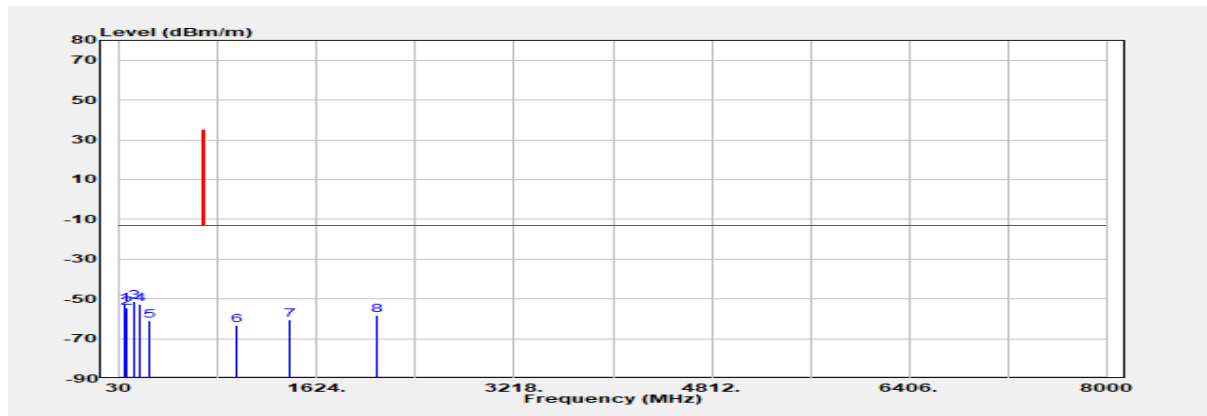
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
70.740	-52.71	-45.59	-6.05	-1.07	-13.00	-39.71
84.320	-54.60	-51.75	-1.70	-1.15	-13.00	-41.60
142.520	-51.18	-47.78	-1.89	-1.51	-13.00	-38.18
195.870	-52.85	-54.79	3.71	-1.77	-13.00	-39.85
262.800	-61.02	-63.13	4.16	-2.05	-13.00	-48.02
970.900	-63.06	-62.74	3.55	-3.87	-13.00	-50.06
1403.000	-60.49	-63.52	7.70	-4.67	-13.00	-47.49
2104.500	-58.13	-62.32	9.91	-5.72	-13.00	-45.13

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Report Number :TERF2405001538E2

Operation Mode :LTE B12

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :707.5 MHz

Note :SIM 1

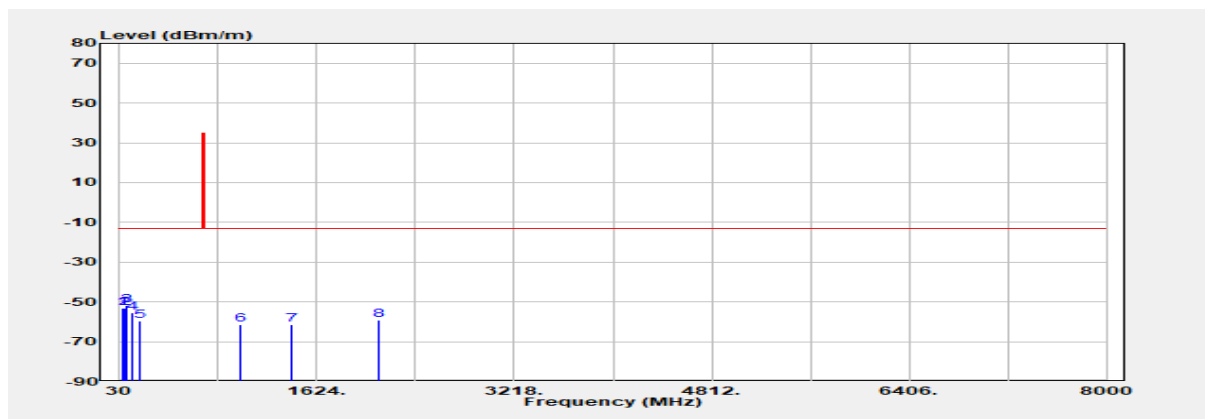
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
56.190	-53.33	-42.01	-10.37	-0.95	-13.00	-40.33
66.860	-52.94	-44.79	-7.12	-1.03	-13.00	-39.94
84.320	-51.78	-48.93	-1.70	-1.15	-13.00	-38.78
131.850	-55.23	-52.44	-1.33	-1.46	-13.00	-42.23
197.810	-59.64	-61.76	3.90	-1.78	-13.00	-46.64
999.030	-61.33	-61.36	3.97	-3.94	-13.00	-48.33
1415.000	-61.50	-64.51	7.70	-4.69	-13.00	-48.50
2122.500	-59.07	-63.13	9.83	-5.76	-13.00	-46.07

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Report Number :TERF2405001538E2

Operation Mode :LTE B12

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :707.5 MHz

Note :SIM 1

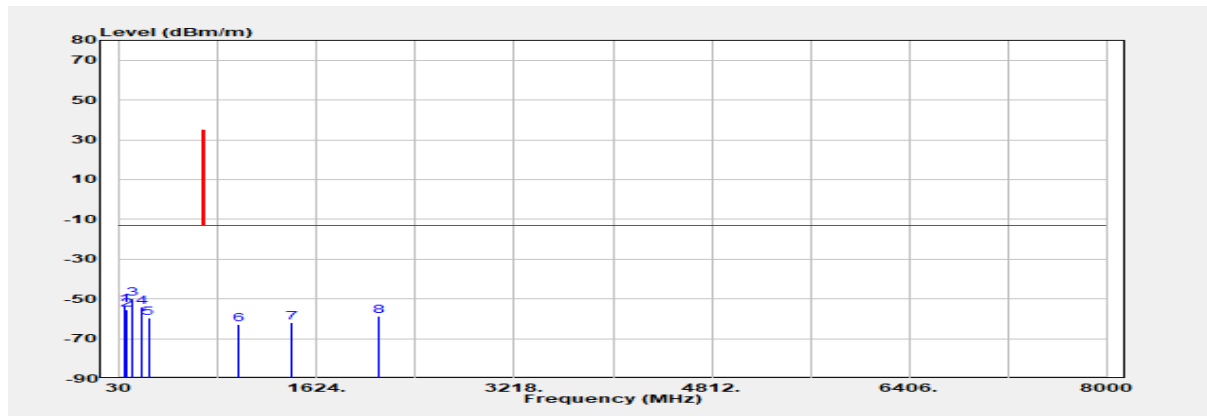
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
67.830	-53.16	-45.13	-6.99	-1.04	-13.00	-40.16
86.260	-55.43	-53.17	-1.10	-1.16	-13.00	-42.43
131.850	-50.10	-47.31	-1.33	-1.46	-13.00	-37.10
205.570	-54.06	-56.51	4.25	-1.80	-13.00	-41.06
261.830	-59.76	-61.89	4.17	-2.04	-13.00	-46.76
985.450	-62.97	-62.93	3.85	-3.89	-13.00	-49.97
1415.000	-61.80	-64.81	7.70	-4.69	-13.00	-48.80
2122.500	-58.79	-62.85	9.83	-5.76	-13.00	-45.79

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Report Number :TERF2405001538E2

Operation Mode :LTE B12

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :713.5 MHz

Note :SIM 1

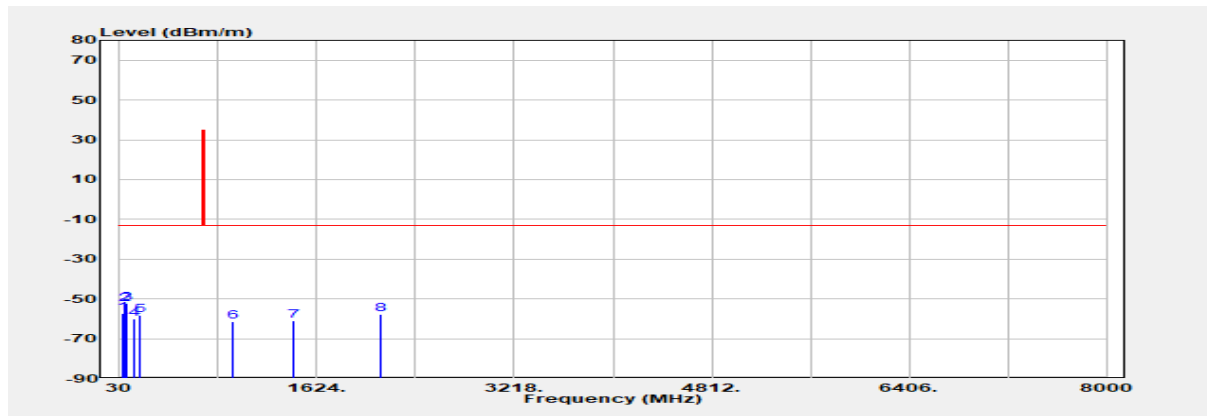
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-57.46	-45.53	-11.01	-0.92	-13.00	-44.46
64.920	-52.87	-44.06	-7.79	-1.02	-13.00	-39.87
84.320	-52.10	-49.25	-1.70	-1.15	-13.00	-39.10
141.550	-60.05	-56.69	-1.86	-1.50	-13.00	-47.05
194.900	-58.27	-60.09	3.58	-1.76	-13.00	-45.27
948.590	-61.23	-60.75	3.35	-3.83	-13.00	-48.23
1427.000	-61.20	-64.26	7.77	-4.71	-13.00	-48.20
2140.500	-57.95	-61.92	9.79	-5.81	-13.00	-44.95

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Report Number :TERF2405001538E2

Operation Mode :LTE B12

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :713.5 MHz

Note :SIM 1

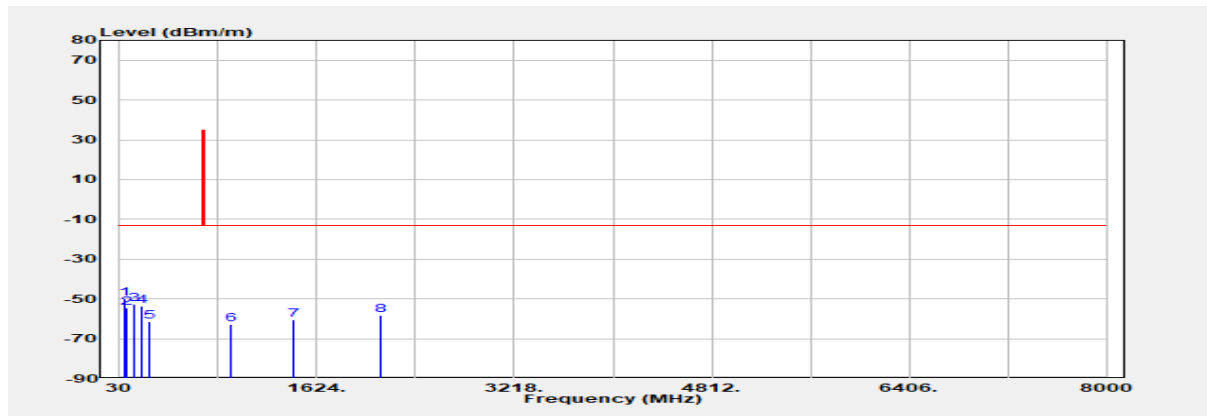
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

Antenna Pol. :Horizontal

Engineer :Howard Huang



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
69.770	-49.82	-42.47	-6.29	-1.06	-13.00	-36.82
87.230	-54.47	-52.27	-1.03	-1.17	-13.00	-41.47
144.460	-52.73	-49.27	-1.93	-1.53	-13.00	-39.73
201.690	-53.60	-55.88	4.07	-1.79	-13.00	-40.60
262.800	-61.61	-63.72	4.16	-2.05	-13.00	-48.61
927.250	-62.92	-62.70	3.58	-3.80	-13.00	-49.92
1427.000	-60.66	-63.72	7.77	-4.71	-13.00	-47.66
2140.500	-58.27	-62.24	9.79	-5.81	-13.00	-45.27

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Report Number :TERF2405001538E2

Operation Mode :LTE B13

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :782 MHz

Note :SIM 1

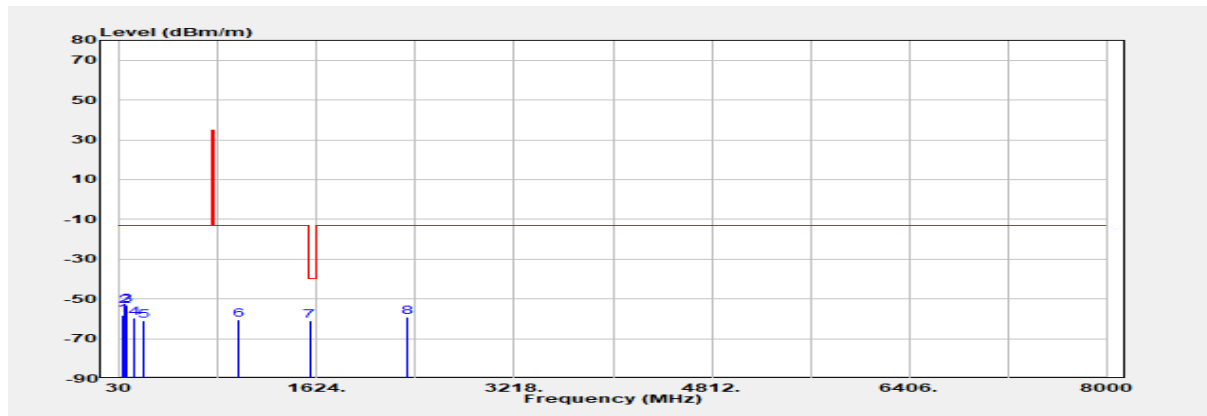
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
53.280	-58.00	-46.09	-10.98	-0.93	-13.00	-45.00
66.860	-53.81	-45.66	-7.12	-1.03	-13.00	-40.81
85.290	-53.11	-50.48	-1.48	-1.15	-13.00	-40.11
151.250	-59.53	-56.24	-1.75	-1.54	-13.00	-46.53
217.210	-60.86	-63.84	4.86	-1.88	-13.00	-47.86
982.540	-60.40	-60.29	3.78	-3.89	-13.00	-47.40
1564.000	-60.86	-65.01	9.10	-4.95	-40.00	-20.86
2346.000	-59.00	-62.80	9.80	-6.00	-13.00	-46.00

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Report Number :TERF2405001538E2

Test Site :SAC C

Operation Mode :LTE B13

Test Date :2024-06-20

Test Mode :Tx

Temp./Humi. :23.8°C/50%

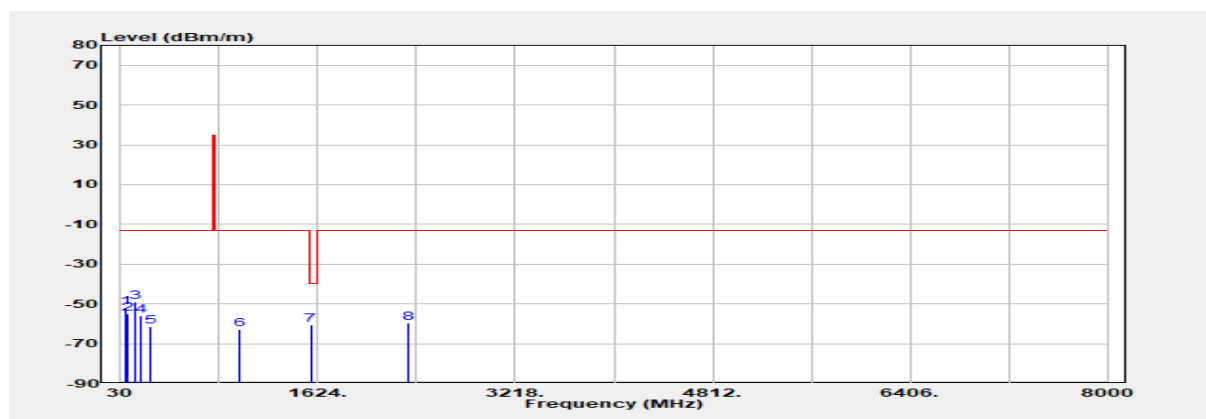
EUT Pol :E2 Plane

Antenna Pol. :Horizontal

Test Frequency :782 MHz

Engineer :Howard Huang

Note :SIM 1



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
70.740	-51.85	-44.73	-6.05	-1.07	-13.00	-38.85
84.320	-55.18	-52.33	-1.70	-1.15	-13.00	-42.18
144.460	-48.81	-45.35	-1.93	-1.53	-13.00	-35.81
199.750	-56.05	-58.27	4.01	-1.79	-13.00	-43.05
262.800	-61.22	-63.33	4.16	-2.05	-13.00	-48.22
991.270	-62.83	-62.81	3.90	-3.92	-13.00	-49.83
1564.000	-60.41	-64.56	9.10	-4.95	-40.00	-20.41
2346.000	-59.41	-63.21	9.80	-6.00	-13.00	-46.41

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Report Number :TERF2405001538E2

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1715 MHz

Note :SIM 1

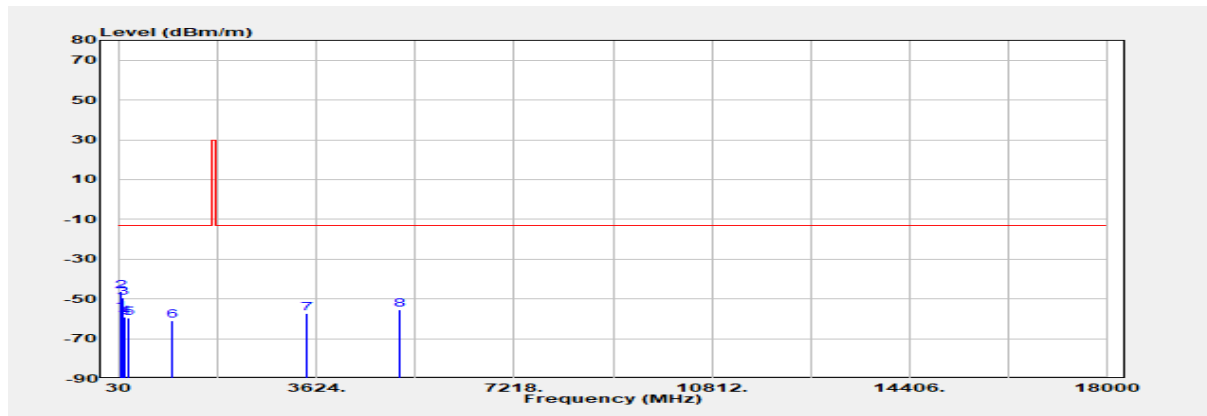
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-57.03	-45.10	-11.01	-0.92	-13.00	-44.03
61.040	-46.05	-36.09	-8.99	-0.97	-13.00	-33.05
79.470	-49.55	-45.40	-3.02	-1.13	-13.00	-36.55
134.760	-58.99	-55.92	-1.60	-1.47	-13.00	-45.99
195.870	-59.38	-61.32	3.71	-1.77	-13.00	-46.38
975.750	-60.94	-60.72	3.67	-3.89	-13.00	-47.94
3430.000	-57.22	-62.38	12.54	-7.38	-13.00	-44.22
5145.000	-55.23	-58.49	12.39	-9.13	-13.00	-42.23

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Report Number :TERF2405001538E2

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1715 MHz

Note :SIM 1

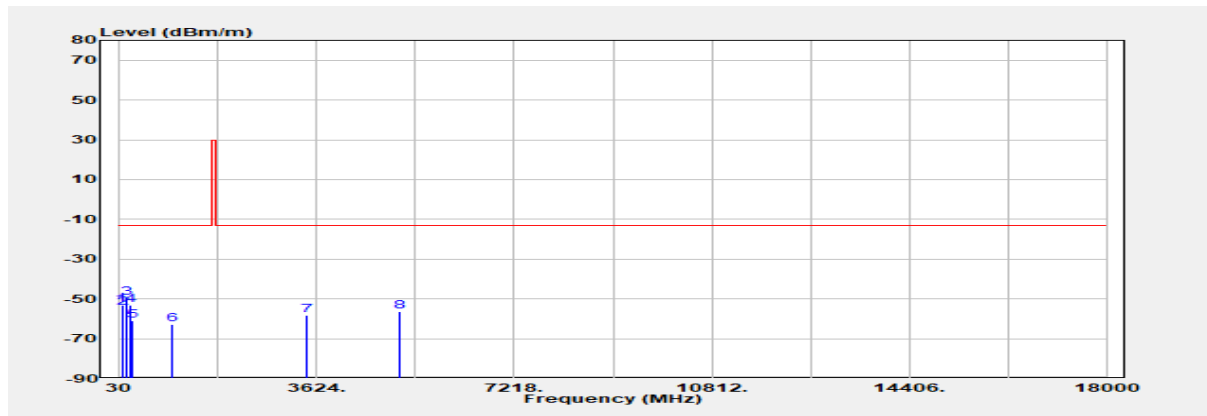
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

Antenna Pol. :Horizontal

Engineer :Howard Huang



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
68.800	-53.25	-45.57	-6.63	-1.05	-13.00	-40.25
86.260	-54.35	-52.09	-1.10	-1.16	-13.00	-41.35
142.520	-49.44	-46.04	-1.89	-1.51	-13.00	-36.44
217.210	-53.22	-56.20	4.86	-1.88	-13.00	-40.22
263.770	-61.14	-63.24	4.15	-2.05	-13.00	-48.14
983.510	-62.82	-62.74	3.81	-3.89	-13.00	-49.82
3430.000	-58.04	-63.20	12.54	-7.38	-13.00	-45.04
5145.000	-56.17	-59.43	12.39	-9.13	-13.00	-43.17

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Report Number :TERF2405001538E2

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1745 MHz

Note :SIM 1

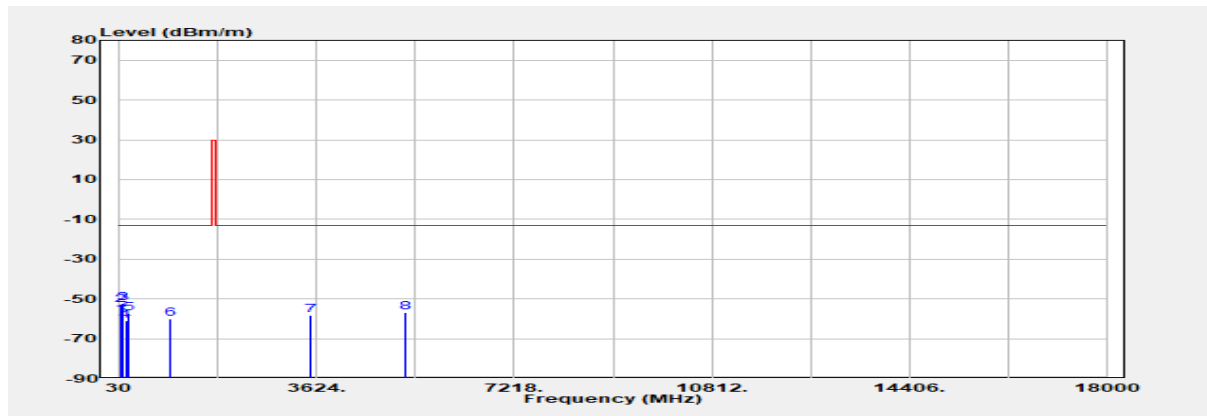
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.03	-46.10	-11.01	-0.92	-13.00	-45.03
65.890	-52.98	-44.66	-7.29	-1.03	-13.00	-39.98
81.410	-52.34	-48.85	-2.35	-1.14	-13.00	-39.34
137.670	-61.19	-58.07	-1.64	-1.48	-13.00	-48.19
200.720	-57.40	-59.64	4.03	-1.79	-13.00	-44.40
947.620	-60.19	-59.72	3.36	-3.83	-13.00	-47.19
3490.000	-58.02	-62.87	12.34	-7.49	-13.00	-45.02
5235.000	-56.68	-60.42	12.98	-9.24	-13.00	-43.68

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Report Number :TERF2405001538E2

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1745 MHz

Note :SIM 1

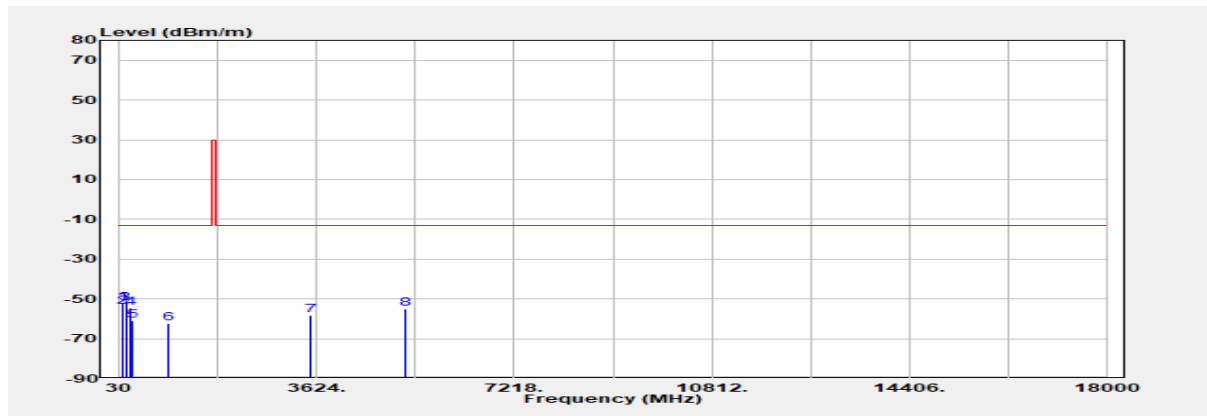
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-52.33	-44.98	-6.29	-1.06	-13.00	-39.33
86.260	-54.22	-51.96	-1.10	-1.16	-13.00	-41.22
137.670	-52.32	-49.20	-1.64	-1.48	-13.00	-39.32
212.360	-54.36	-57.14	4.62	-1.84	-13.00	-41.36
264.740	-60.90	-62.98	4.14	-2.06	-13.00	-47.90
928.220	-62.44	-62.20	3.57	-3.81	-13.00	-49.44
3490.000	-58.03	-62.88	12.34	-7.49	-13.00	-45.03
5235.000	-54.79	-58.53	12.98	-9.24	-13.00	-41.79

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Report Number :TERF2405001538E2

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1775 MHz

Note :SIM 1

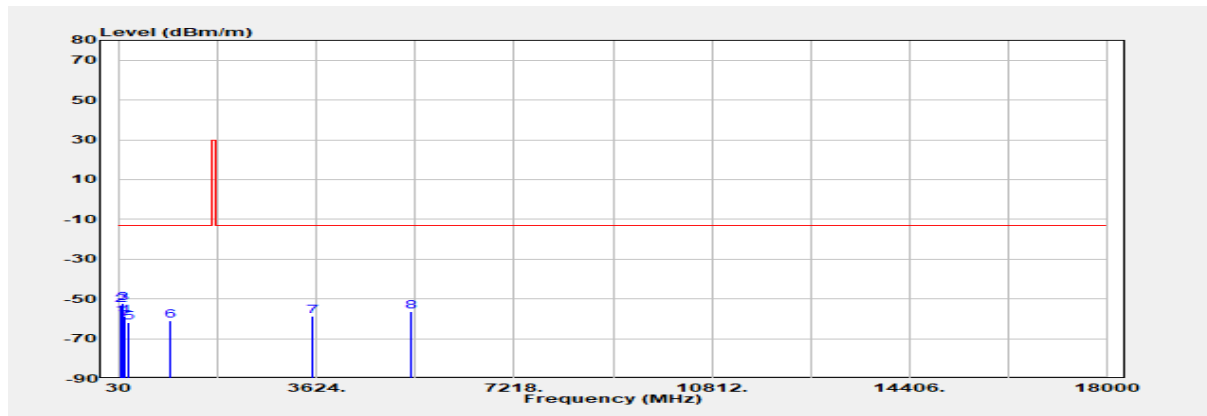
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.64	-46.71	-11.01	-0.92	-13.00	-45.64
64.920	-52.97	-44.16	-7.79	-1.02	-13.00	-39.97
85.290	-52.02	-49.39	-1.48	-1.15	-13.00	-39.02
135.730	-58.90	-55.79	-1.64	-1.47	-13.00	-45.90
200.720	-61.74	-63.98	4.03	-1.79	-13.00	-48.74
948.590	-60.93	-60.45	3.35	-3.83	-13.00	-47.93
3550.000	-58.87	-63.66	12.30	-7.51	-13.00	-45.87
5325.000	-56.41	-60.36	13.20	-9.25	-13.00	-43.41

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Report Number :TERF2405001538E2

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :1775 MHz

Note :SIM 1

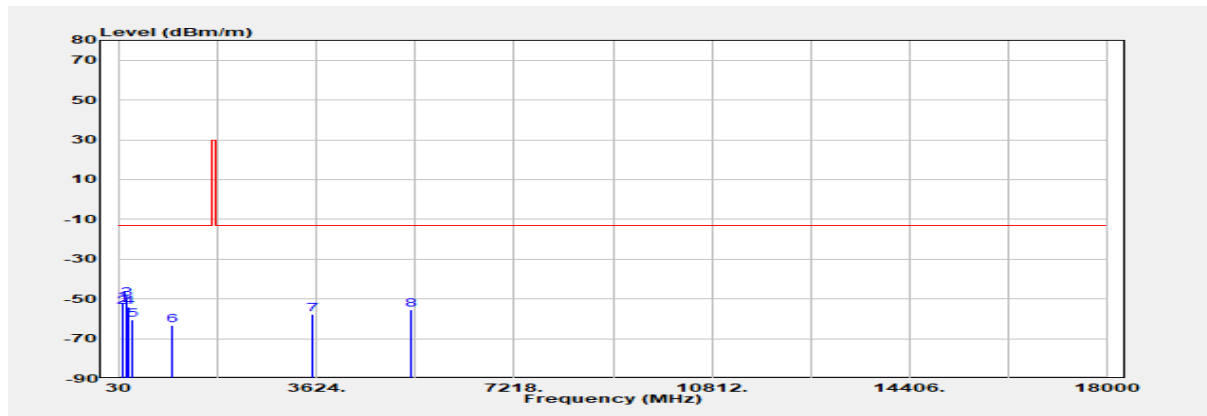
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-51.91	-44.56	-6.29	-1.06	-13.00	-38.91
86.260	-54.05	-51.79	-1.10	-1.16	-13.00	-41.05
140.580	-49.82	-46.55	-1.78	-1.49	-13.00	-36.82
196.840	-53.87	-55.95	3.85	-1.77	-13.00	-40.87
264.740	-60.32	-62.40	4.14	-2.06	-13.00	-47.32
971.870	-63.26	-62.95	3.57	-3.88	-13.00	-50.26
3550.000	-57.79	-62.58	12.30	-7.51	-13.00	-44.79
5325.000	-55.41	-59.36	13.20	-9.25	-13.00	-42.41

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Report Number :TERF2405001538E2

Operation Mode :LTE B71

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :673 MHz

Note :SIM 1

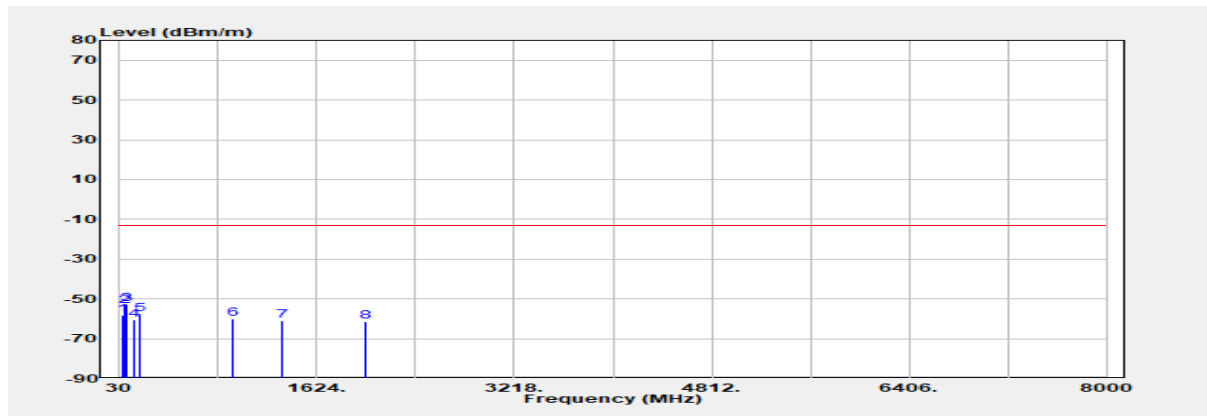
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
53.280	-58.19	-46.28	-10.98	-0.93	-13.00	-45.19
66.860	-53.55	-45.40	-7.12	-1.03	-13.00	-40.55
85.290	-52.50	-49.87	-1.48	-1.15	-13.00	-39.50
141.550	-60.30	-56.94	-1.86	-1.50	-13.00	-47.30
197.810	-57.69	-59.81	3.90	-1.78	-13.00	-44.69
948.590	-60.18	-59.70	3.35	-3.83	-13.00	-47.18
1346.000	-61.06	-64.06	7.56	-4.56	-13.00	-48.06
2019.000	-61.30	-65.94	10.22	-5.58	-13.00	-48.30

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Report Number :TERF2405001538E2

Operation Mode :LTE B71

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :673 MHz

Note :SIM 1

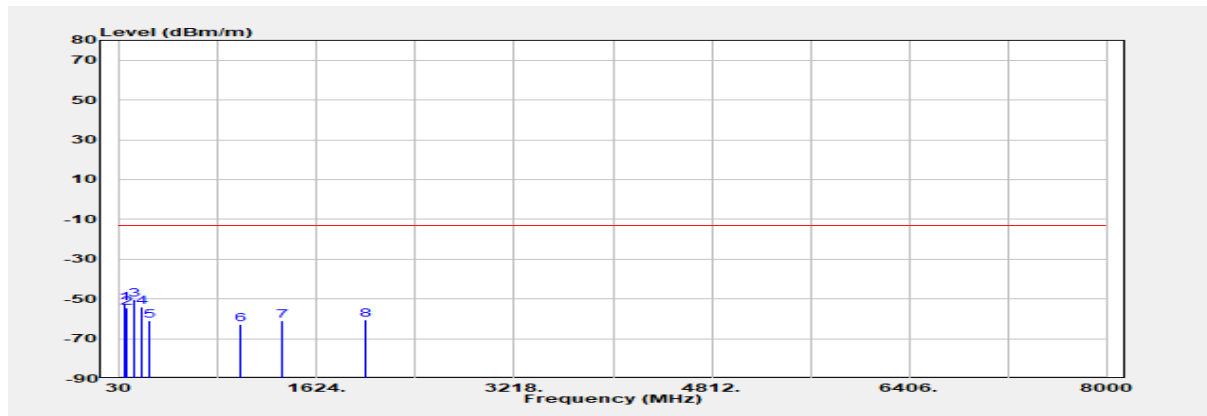
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-52.04	-44.69	-6.29	-1.06	-13.00	-39.04
86.260	-54.36	-52.10	-1.10	-1.16	-13.00	-41.36
139.610	-50.34	-47.09	-1.76	-1.49	-13.00	-37.34
214.300	-54.27	-57.11	4.70	-1.86	-13.00	-41.27
264.740	-60.96	-63.04	4.14	-2.06	-13.00	-47.96
998.060	-62.73	-62.75	3.96	-3.94	-13.00	-49.73
1346.000	-60.76	-63.76	7.56	-4.56	-13.00	-47.76
2019.000	-60.67	-65.31	10.22	-5.58	-13.00	-47.67

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Report Number :TERF2405001538E2

Operation Mode :LTE B71

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :680.5 MHz

Note :SIM 1

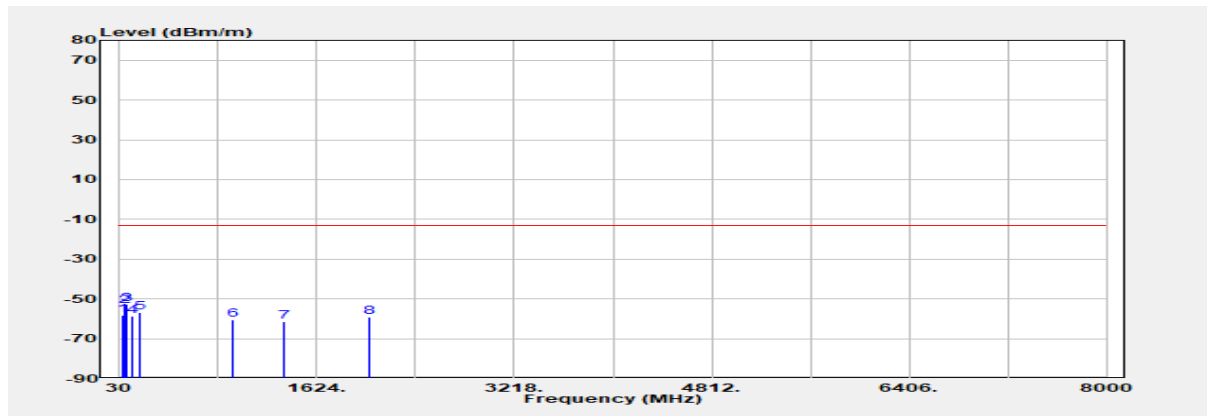
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.08	-46.15	-11.01	-0.92	-13.00	-45.08
66.860	-53.60	-45.45	-7.12	-1.03	-13.00	-40.60
84.320	-52.89	-50.04	-1.70	-1.15	-13.00	-39.89
134.760	-58.55	-55.48	-1.60	-1.47	-13.00	-45.55
196.840	-56.91	-58.99	3.85	-1.77	-13.00	-43.91
947.620	-60.39	-59.92	3.36	-3.83	-13.00	-47.39
1361.000	-61.36	-64.48	7.71	-4.59	-13.00	-48.36
2041.500	-59.32	-63.99	10.30	-5.63	-13.00	-46.32

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Report Number :TERF2405001538E2

Operation Mode :LTE B71

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :680.5 MHz

Note :SIM 1

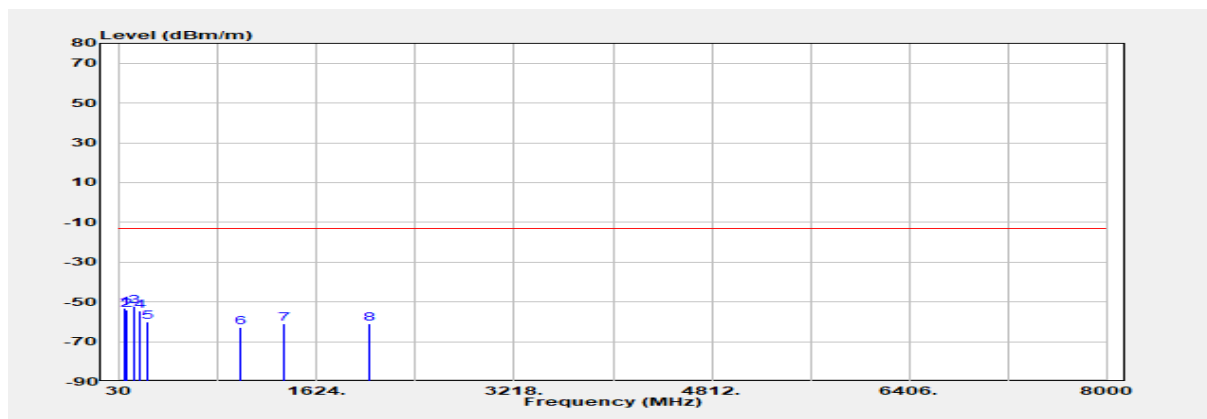
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-53.12	-45.77	-6.29	-1.06	-13.00	-40.12
84.320	-53.87	-51.02	-1.70	-1.15	-13.00	-40.87
144.460	-52.37	-48.91	-1.93	-1.53	-13.00	-39.37
194.900	-54.70	-56.52	3.58	-1.76	-13.00	-41.70
258.920	-60.22	-62.38	4.19	-2.03	-13.00	-47.22
998.060	-63.02	-63.04	3.96	-3.94	-13.00	-50.02
1361.000	-61.11	-64.23	7.71	-4.59	-13.00	-48.11
2041.500	-61.01	-65.68	10.30	-5.63	-13.00	-48.01

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Report Number :TERF2405001538E2

Operation Mode :LTE B71

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :688 MHz

Note :SIM 1

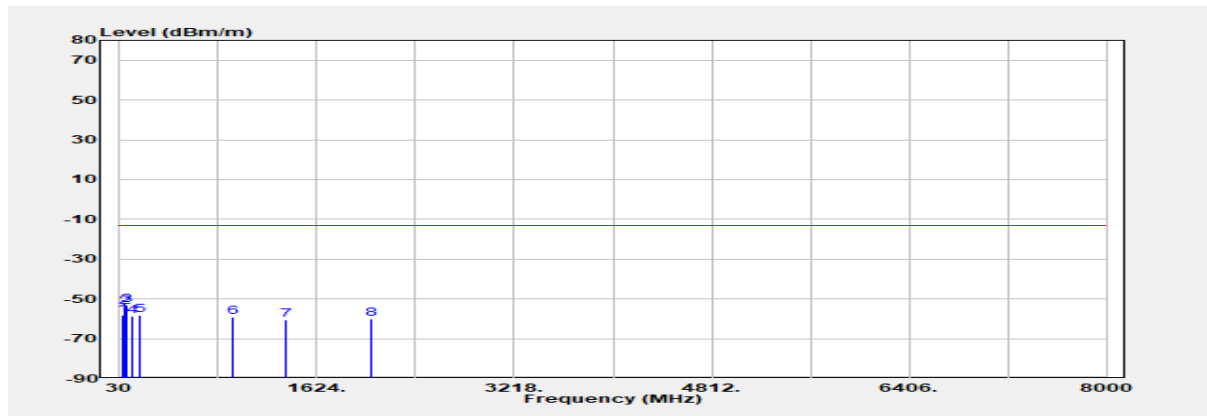
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
52.310	-58.22	-46.29	-11.01	-0.92	-13.00	-45.22
67.830	-53.97	-45.94	-6.99	-1.04	-13.00	-40.97
84.320	-53.28	-50.43	-1.70	-1.15	-13.00	-40.28
130.880	-58.71	-55.77	-1.48	-1.46	-13.00	-45.71
198.780	-58.21	-60.46	4.03	-1.78	-13.00	-45.21
948.590	-59.13	-58.65	3.35	-3.83	-13.00	-46.13
1376.000	-60.72	-63.90	7.80	-4.62	-13.00	-47.72
2064.000	-60.14	-64.63	10.16	-5.67	-13.00	-47.14

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Report Number :TERF2405001538E2

Operation Mode :LTE B71

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :688 MHz

Note :SIM 1

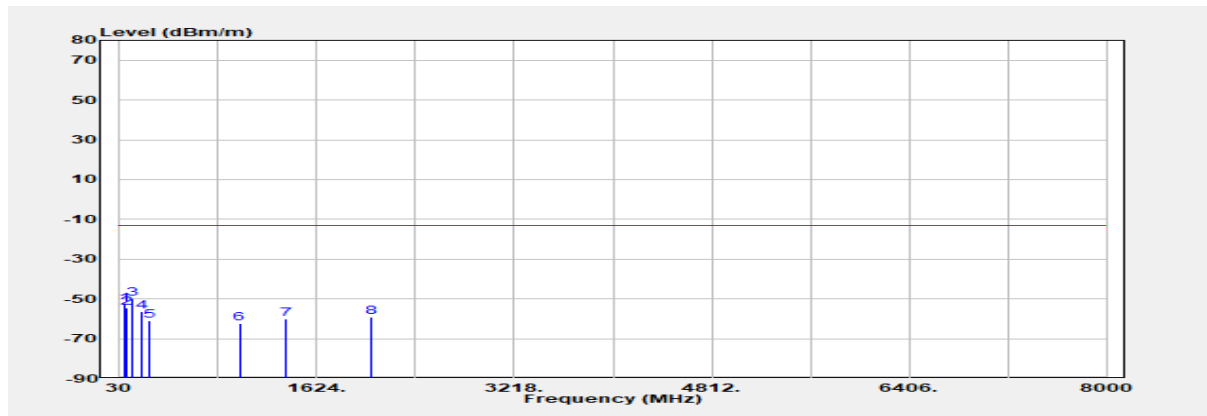
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
69.770	-52.65	-45.30	-6.29	-1.06	-13.00	-39.65
89.170	-54.45	-52.51	-0.75	-1.19	-13.00	-41.45
128.940	-50.01	-47.34	-1.22	-1.45	-13.00	-37.01
212.360	-56.15	-58.93	4.62	-1.84	-13.00	-43.15
263.770	-60.93	-63.03	4.15	-2.05	-13.00	-47.93
997.090	-62.53	-62.55	3.96	-3.94	-13.00	-49.53
1376.000	-60.17	-63.35	7.80	-4.62	-13.00	-47.17
2064.000	-59.03	-63.52	10.16	-5.67	-13.00	-46.03

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Report Number :TERF2405001538E2

Operation Mode :LTE B13

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :782 MHz

Note :SIM 1

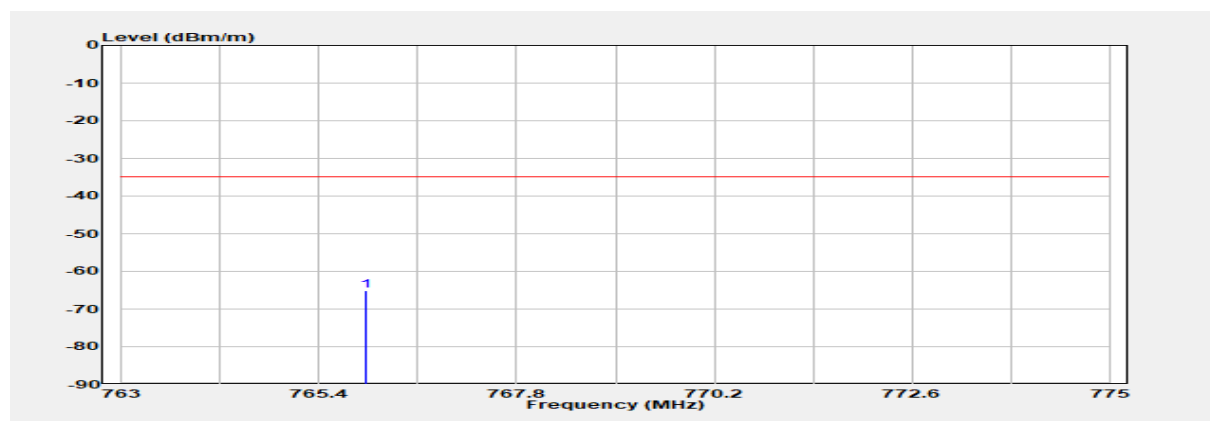
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

Antenna Pol. :Vertical

Engineer :Howard Huang



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
765.964	-65.19	-65.06	3.34	-3.47	-35.00	-30.19

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Report Number :TERF2405001538E2

Operation Mode :LTE B13

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :782 MHz

Note :SIM 1

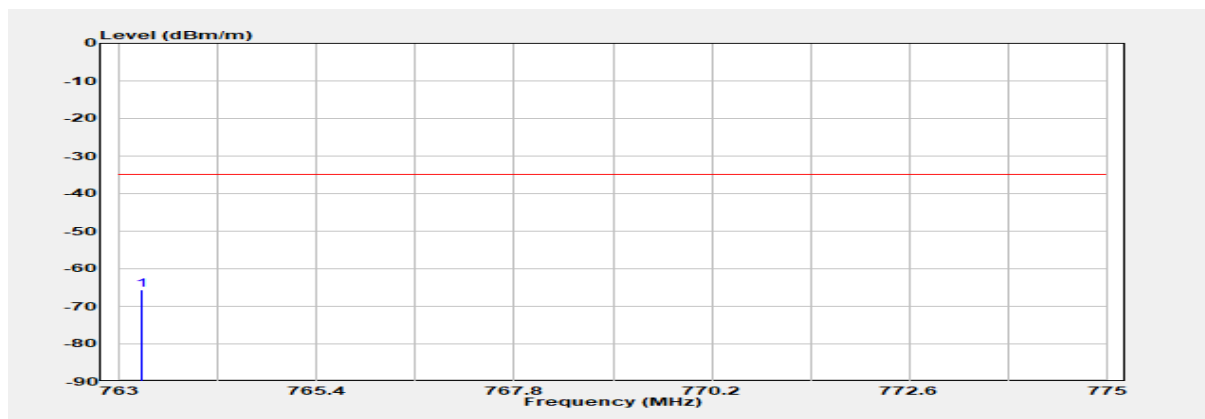
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
763.264	-65.71	-65.62	3.37	-3.46	-35.00	-30.71

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Report Number :TERF2405001538E2

Operation Mode :LTE B13

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :782 MHz

Note :SIM 1

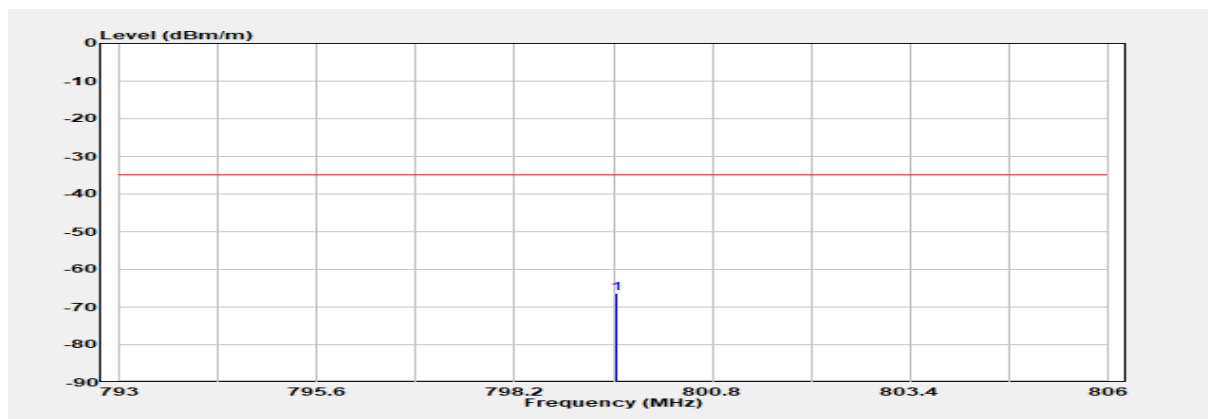
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
799.528	-66.37	-66.47	3.63	-3.53	-35.00	-31.37

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Operation Mode :LTE B13

Test Mode :Tx

EUT Pol :E2 Plane

Test Frequency :782 MHz

Note :SIM 1

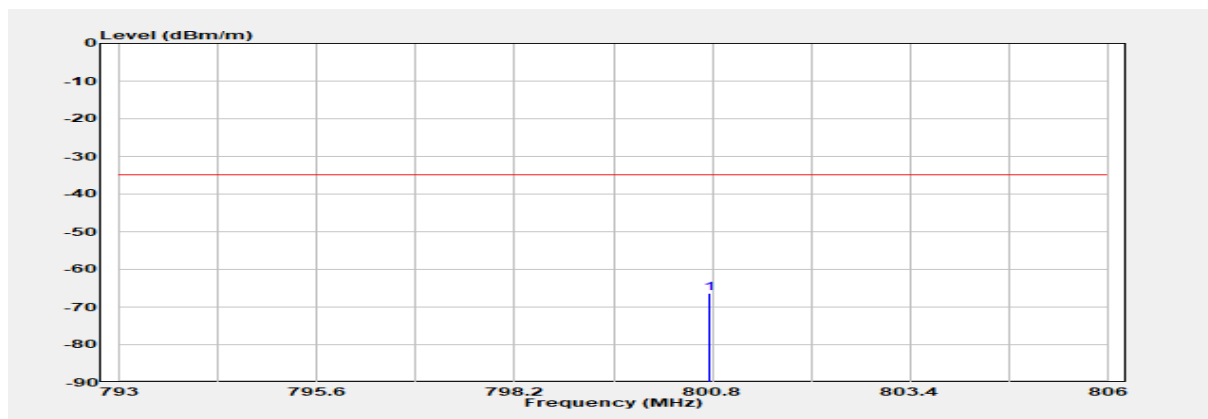
Test Site :SAC C

Test Date :2024-06-20

Temp./Humi. :23.8°C/50%

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
800.764	-66.31	-66.41	3.63	-3.53	-35.00	-31.31

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6 FREQUENCY STABILITY MEASUREMENT

Note: The DC Power is rated 3.7V 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						
4.255	20	1879.999999	-0.0004	+/- 2.5 ppm		
3.7	20	1879.999995	-0.0026			
3.145	20	1879.999996	-0.0024			
2.2 (End Point)	20	1880.000004	0.0021			
Freq. ERROR vs. Temp.						
3.7	-30	1880.000018	0.0097	+/- 2.5 ppm		
3.7	-20	1879.999995	-0.0027			
3.7	-10	1880.000000	0.0001			
3.7	0	1880.000017	0.0091			
3.7	10	1880.000018	0.0096			
3.7	20	1880.000014	0.0073			
3.7	30	1879.999992	-0.0041			
3.7	40	1879.999981	-0.0099			
3.7	50	1879.999987	-0.0071			

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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					
4.255	20	1732.499999	-0.0003	+/- 2.5 ppm	
3.7	20	1732.499998	-0.0009		
3.145	20	1732.499996	-0.0025		
2.2 (End Point)	20	1732.500019	0.0107		
Freq. ERROR vs. Temp.					
3.7	-30	1732.500013	0.0073	+/- 2.5 ppm	
3.7	-20	1732.499988	-0.0069		
3.7	-10	1732.500004	0.0022		
3.7	0	1732.499983	-0.0098		
3.7	10	1732.500003	0.0016		
3.7	20	1732.499991	-0.0052		
3.7	30	1732.499995	-0.0029		
3.7	40	1732.500017	0.0096		
3.7	50	1732.499989	-0.0062		

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					
4.255	20	836.500007	0.0087	+/- 2.5 ppm	
3.7	20	836.499991	-0.0112		
3.145	20	836.499986	-0.0172		
2.2 (End Point)	20	836.500015	0.0178		
Freq. ERROR vs. Temp.					
3.7	-30	836.500010	0.0116	+/- 2.5 ppm	
3.7	-20	836.499991	-0.0104		
3.7	-10	836.500014	0.0166		
3.7	0	836.499980	-0.0239		
3.7	10	836.499994	-0.0068		
3.7	20	836.499998	-0.0029		
3.7	30	836.499981	-0.0226		
3.7	40	836.500015	0.0181		
3.7	50	836.499993	-0.0086		

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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					
4.255	20	707.500019	0.0263	+/- 2.5 ppm	
3.7	20	707.500002	0.0031		
3.145	20	707.499984	-0.0232		
2.2 (End Point)	20	707.500010	0.0141		
Freq. ERROR vs. Temp.					
3.7	-30	707.500004	0.0052	+/- 2.5 ppm	
3.7	-20	707.500004	0.0057		
3.7	-10	707.500010	0.0136		
3.7	0	707.500019	0.0261		
3.7	10	707.500000	0.0006		
3.7	20	707.500015	0.0211		
3.7	30	707.499986	-0.0196		
3.7	40	707.500010	0.0144		
3.7	50	707.499988	-0.0164		
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					
4.255	20	782.000009	0.0118	+/- 2.5 ppm	
3.7	20	781.999992	-0.0107		
3.145	20	781.999993	-0.0090		
2.2 (End Point)	20	782.000002	0.0024		
Freq. ERROR vs. Temp.					
3.7	-30	782.000007	0.0087	+/- 2.5 ppm	
3.7	-20	781.999986	-0.0179		
3.7	-10	781.999981	-0.0242		
3.7	0	782.000001	0.0017		
3.7	10	782.000017	0.0217		
3.7	20	782.000017	0.0216		
3.7	30	782.000014	0.0180		
3.7	40	782.000004	0.0052		
3.7	50	782.000012	0.0151		

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Reference Freq.:		LTE B66 Mid Channel		1745.0000	MHz 10M QPSK CH 132322
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.255	20	1744.999999	-0.0008	+/- 2.5 ppm	
3.7	20	1744.999984	-0.0090		
3.145	20	1745.000005	0.0027		
2.2 (End Point)	20	1744.999996	-0.0021		
Freq. ERROR vs. Temp.					
3.7	-30	1745.000016	0.0092	+/- 2.5 ppm	
3.7	-20	1744.999997	-0.0016		
3.7	-10	1745.000002	0.0011		
3.7	0	1744.999995	-0.0028		
3.7	10	1745.000015	0.0084		
3.7	20	1745.000007	0.0042		
3.7	30	1745.000019	0.0108		
3.7	40	1745.000008	0.0044		
3.7	50	1744.999981	-0.0112		
Reference Freq.:		LTE B71 Mid Channel		680.5000	MHz 10M QPSK CH 133297
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.255	20	680.500012	0.0172	+/- 2.5 ppm	
3.7	20	680.500014	0.0198		
3.145	20	680.499984	-0.0235		
2.2 (End Point)	20	680.500015	0.0225		
Freq. ERROR vs. Temp.					
3.7	-30	680.499989	-0.0168	+/- 2.5 ppm	
3.7	-20	680.499981	-0.0281		
3.7	-10	680.500007	0.0109		
3.7	0	680.500017	0.0245		
3.7	10	680.499987	-0.0193		
3.7	20	680.500002	0.0029		
3.7	30	680.500008	0.0112		
3.7	40	680.500007	0.0098		
3.7	50	680.499997	-0.0051		

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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)	
		64QAM	Limit			64QAM	Limit
1850.7	18607	6.67	13	1851.5	18615	6.28	13
1880.0	18900	6.96	13	1880.0	18900	7.15	13
1909.3	19193	6.36	13	1908.5	19185	6.91	13

LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1852.5	18625	6.24	13	1855.0	18650	5.67	13
1880.0	18900	5.56	13	1880.0	18900	6.03	13
1907.5	19175	6.02	13	1905.0	19150	5.87	13

LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1857.5	18675	6.08	13	1860.0	18700	6.07	13
1880.0	18900	6.07	13	1880.0	18900	6.01	13
1902.5	19125	6.08	13	1900.0	19100	6.02	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)	
		64QAM	Limit			64QAM	Limit
1710.7	19957	6.68	13	1711.5	19965	6.86	13
1732.5	20175	6.84	13	1732.5	20175	6.60	13
1754.3	20393	6.03	13	1753.5	20385	6.84	13

LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1712.5	19975	6.46	13	1715.0	20000	6.75	13
1732.5	20175	6.77	13	1732.5	20175	6.43	13
1752.5	20375	6.64	13	1750.0	20350	6.67	13

LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1717.5	20025	5.73	13	1720.0	20050	6.42	13
1732.5	20175	6.23	13	1732.5	20175	6.27	13
1747.5	20325	5.56	13	1745.0	20300	6.79	13

LTE BAND 5							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
824.7	20407	6.34	13	825.5	20415	6.43	13
836.5	20525	6.63	13	836.5	20525	6.40	13
848.3	20643	6.33	13	847.5	20635	6.28	13

LTE BAND 5							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
826.5	20425	6.60	13	829.0	20450	6.82	13
836.5	20525	6.79	13	836.5	20525	6.38	13
846.5	20625	6.57	13	844.0	20600	6.56	13

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LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
699.7	23017	5.96	13	700.5	23025	6.90	13
707.5	23095	6.20	13	707.5	23095	6.62	13
715.3	23173	6.86	13	714.5	23165	6.54	13

LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
701.5	23035	6.53	13	704.0	23060	6.35	13
707.5	23095	6.81	13	707.5	23095	6.39	13
713.5	23155	6.38	13	711.0	23130	6.43	13

LTE BAND 13							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
779.5	23205	6.18	13	782.0	23230	6.86	13
782.0	23230	7.17	13				
784.5	23255	6.68	13				

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LTE BAND 66							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1710.7	131979	6.94	13	1711.5	131987	6.38	13
1745.0	132322	6.84	13	1745.0	132322	6.34	13
1779.3	132665	7.06	13	1778.5	132657	6.48	13

LTE BAND 66							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1712.5	131997	6.81	13	1715.0	132022	6.69	13
1745.0	132322	6.37	13	1745.0	132322	6.43	13
1777.5	132647	6.67	13	1775.0	132622	6.84	13

LTE BAND 66							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1717.5	132047	6.14	13	1720.0	132072	6.78	13
1745.0	132322	5.70	13	1745.0	132322	6.31	13
1772.5	132597	6.58	13	1770.0	132572	6.84	13

LTE BAND 71							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
665.5	133147	6.53	13	668.0	133172	6.30	13
680.5	133297	6.73	13	680.5	133297	6.65	13
695.5	133447	6.71	13	693.0	133422	6.77	13

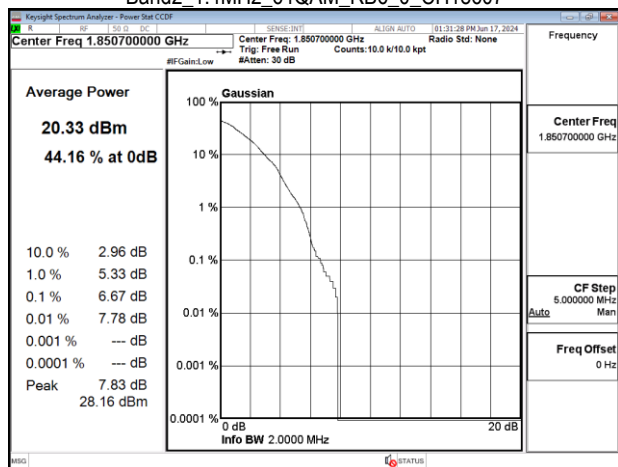
LTE BAND 71							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
670.5	133197	6.69	13	673.0	133222	6.49	13
680.5	133297	6.35	13	680.5	133297	6.31	13
690.5	133397	6.36	13	688.0	133372	6.43	13

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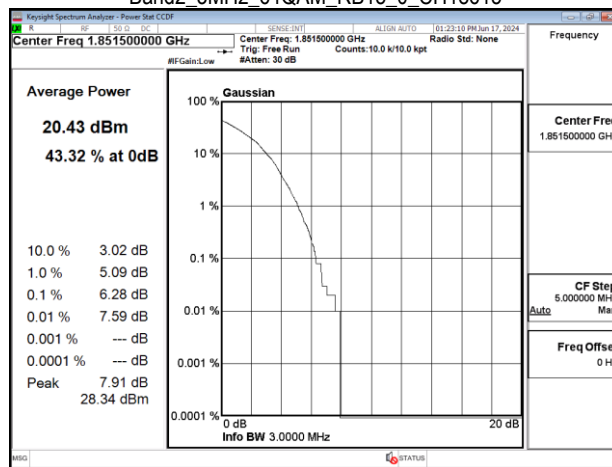
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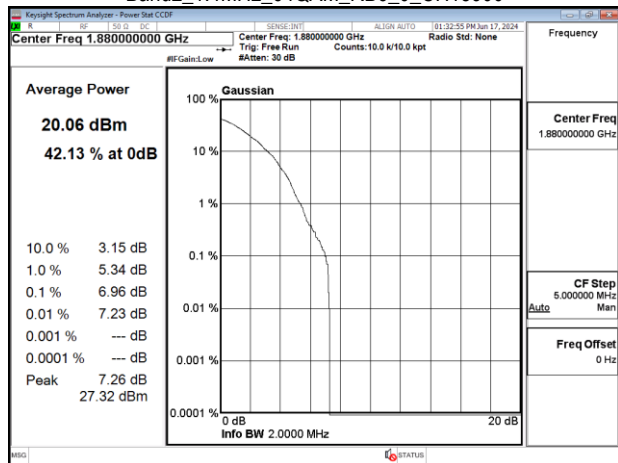
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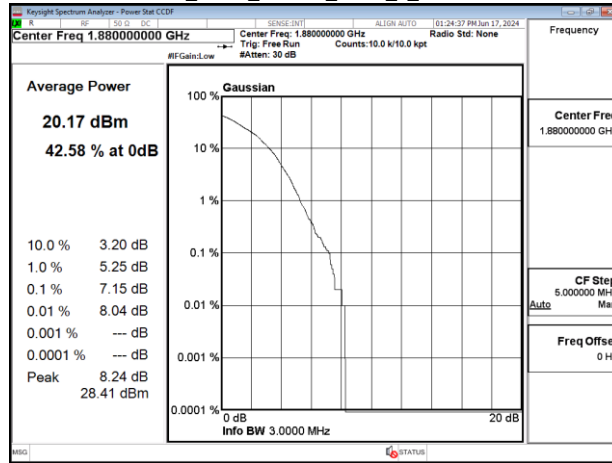
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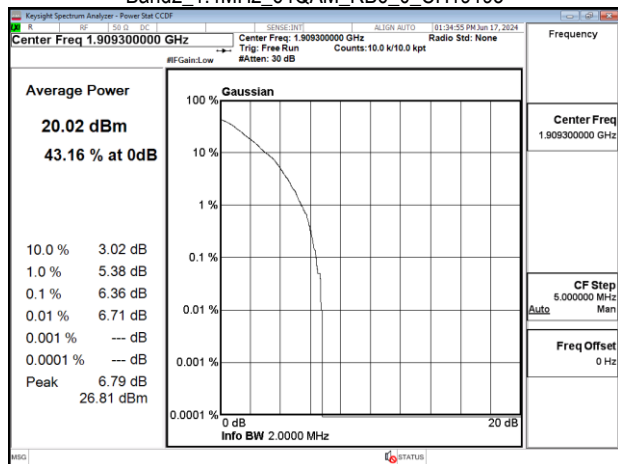
Band2 1.4MHz_64QAM_RB6_0_CH18900



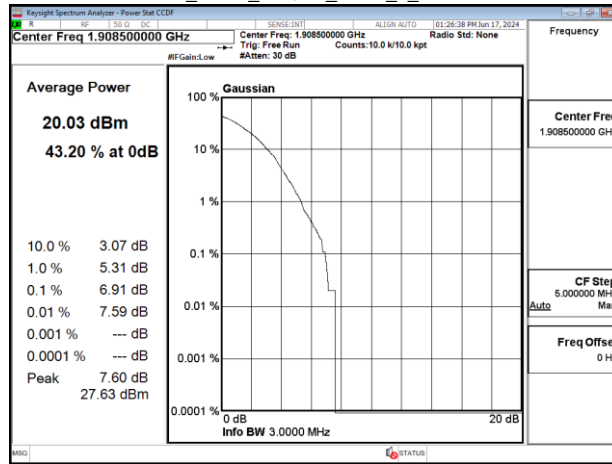
Band2 3MHz_64QAM_RB15_0_CH18900



Band2 1.4MHz_64QAM_RB6_0_CH19193



Band2 3MHz_64QAM_RB15_0_CH19185

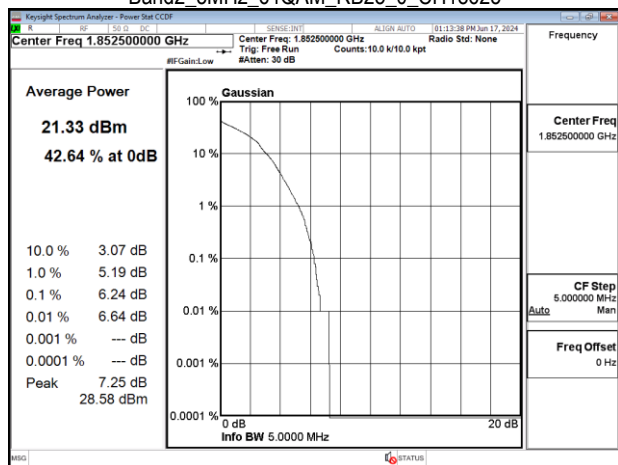


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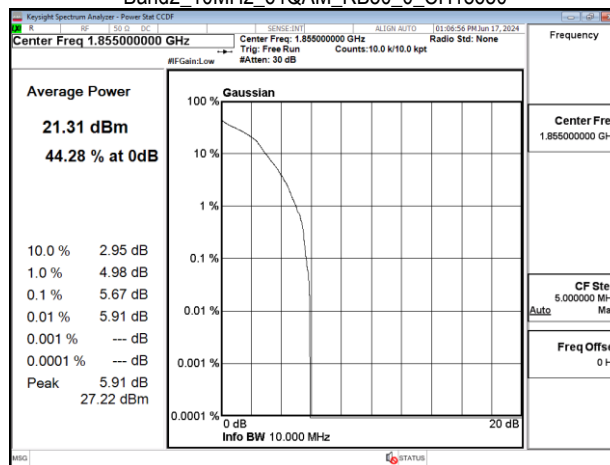
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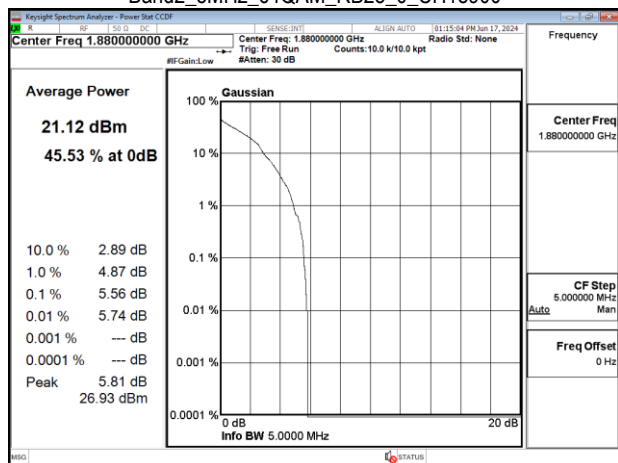
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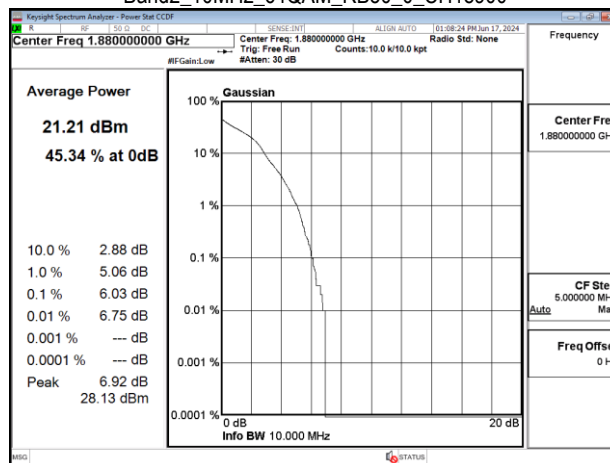
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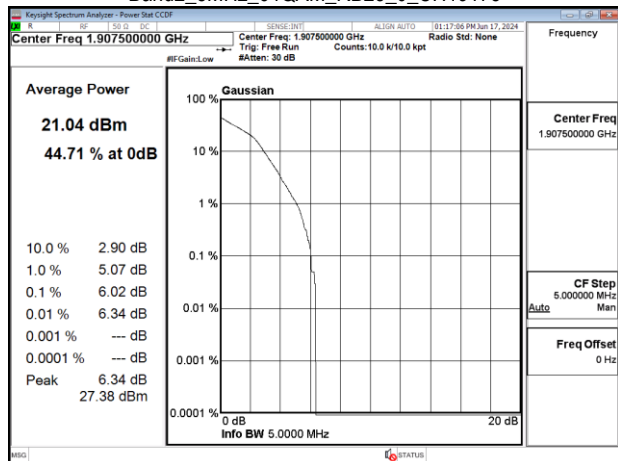
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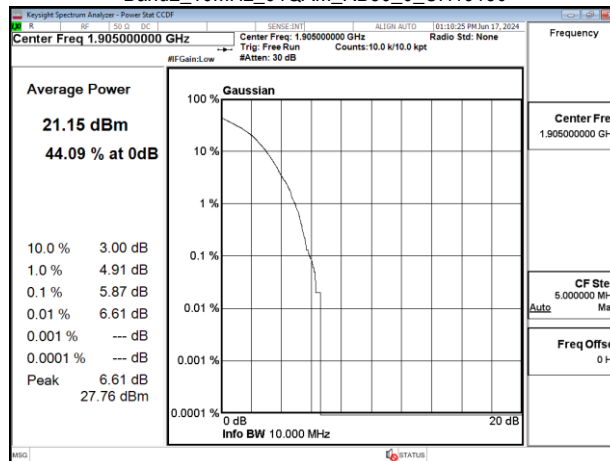
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Band2_5MHz_64QAM_RB25_0_CH19175



Band2_10MHz_64QAM_RB50_0_CH19150

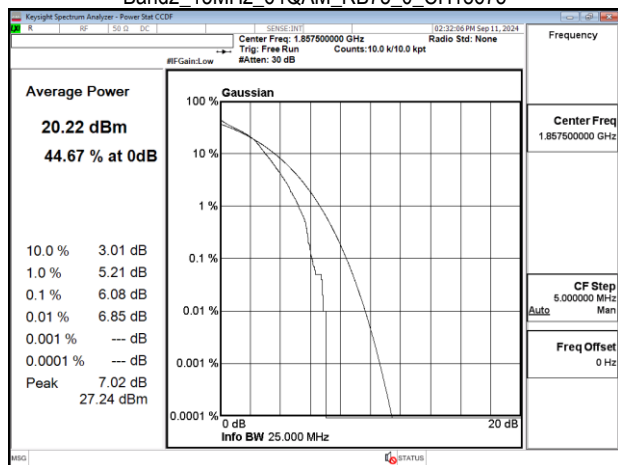


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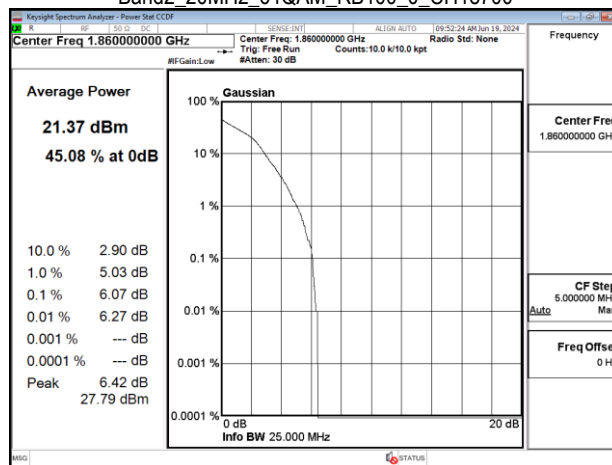
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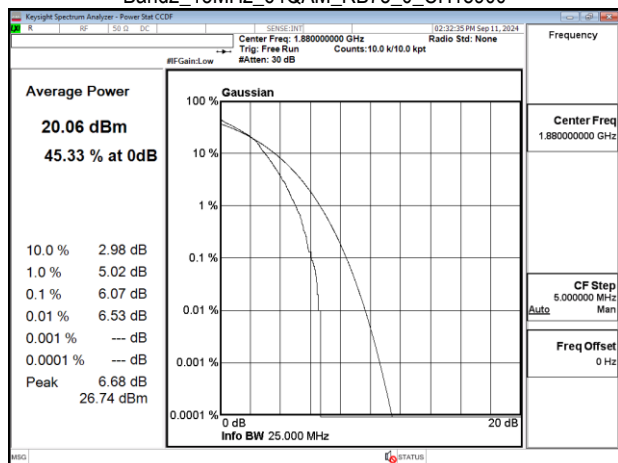
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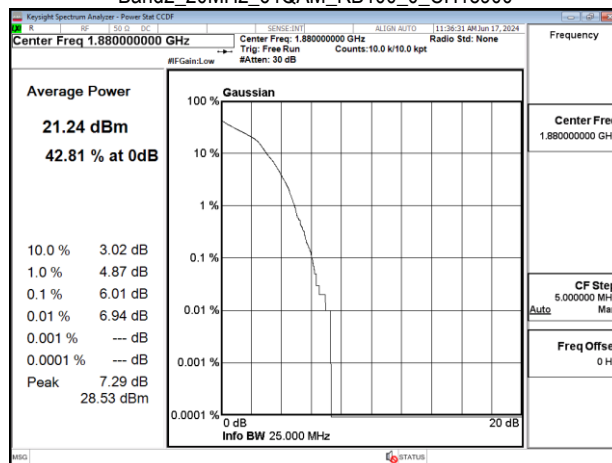
Band2_20MHz_64QAM_RB100_0_CH18700



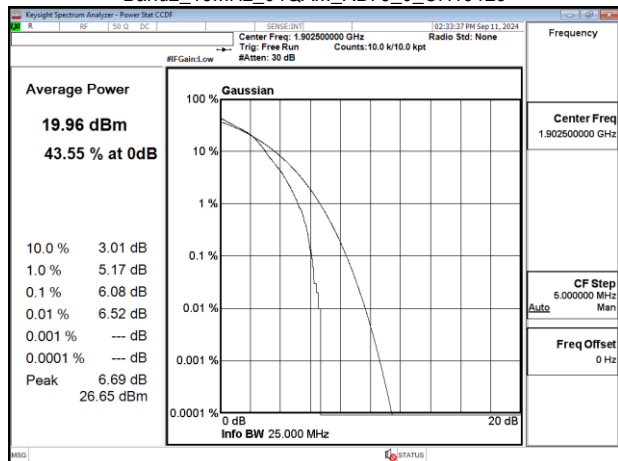
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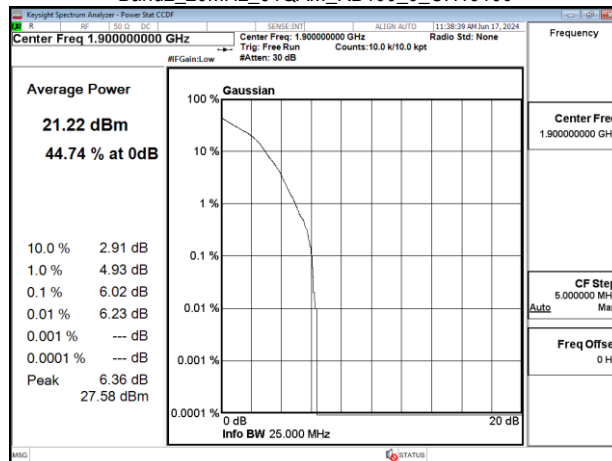
Band2_20MHz_64QAM_RB100_0_CH18900



Band2_15MHz_64QAM_RB75_0_CH19125



Band2_20MHz_64QAM_RB100_0_CH19100

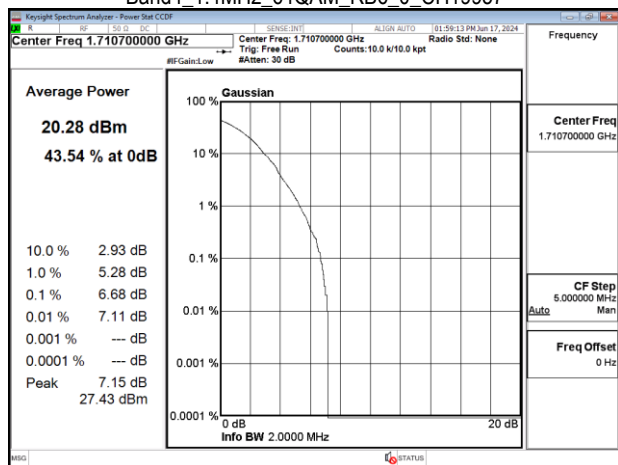


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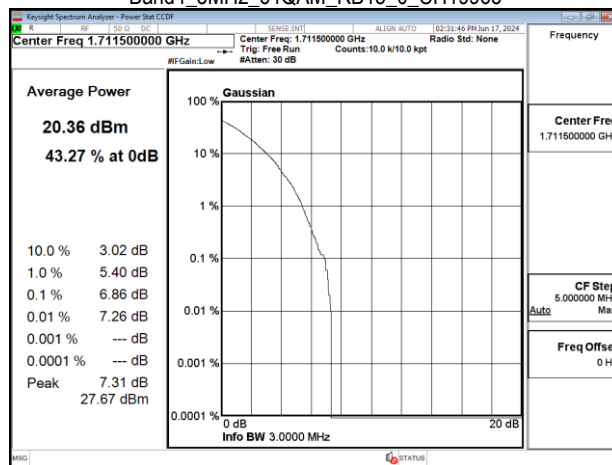
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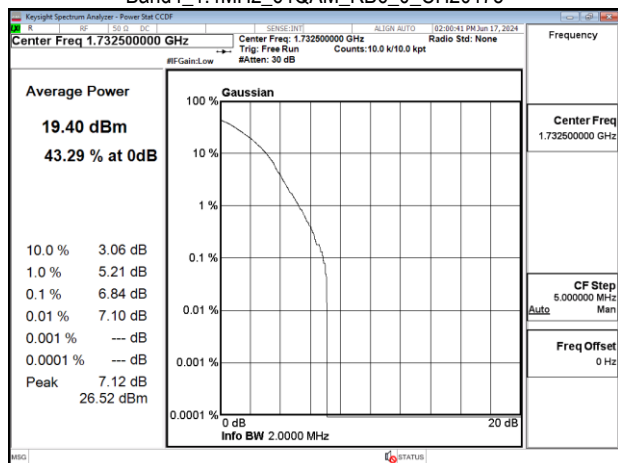
Band4_1.4MHz_64QAM_RB6_0_CH19957



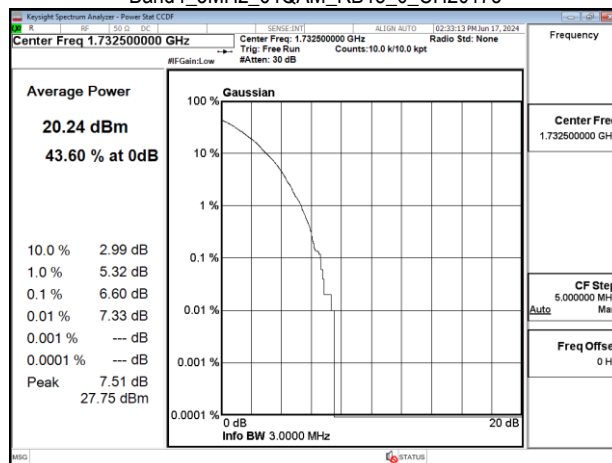
Band4_3MHz_64QAM_RB15_0_CH19957



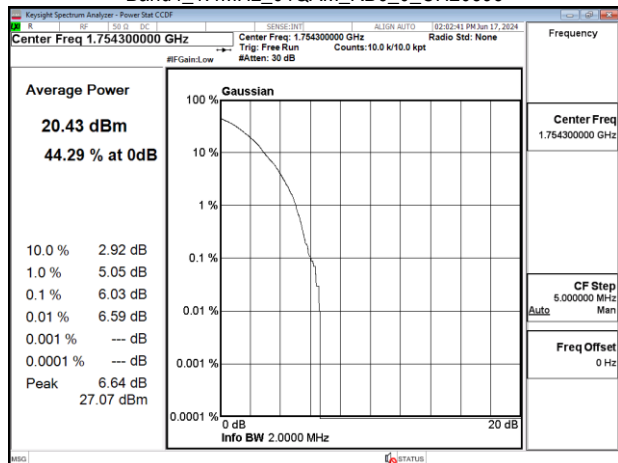
Band4_1.4MHz_64QAM_RB6_0_CH20175



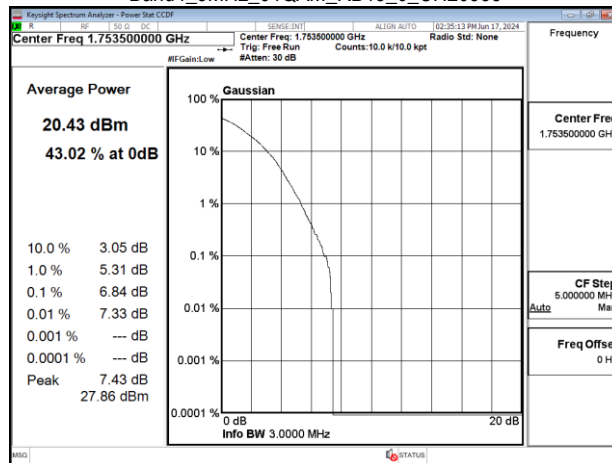
Band4_3MHz_64QAM_RB15_0_CH20175



Band4_1.4MHz_64QAM_RB6_0_CH20393



Band4_3MHz_64QAM_RB15_0_CH20385



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