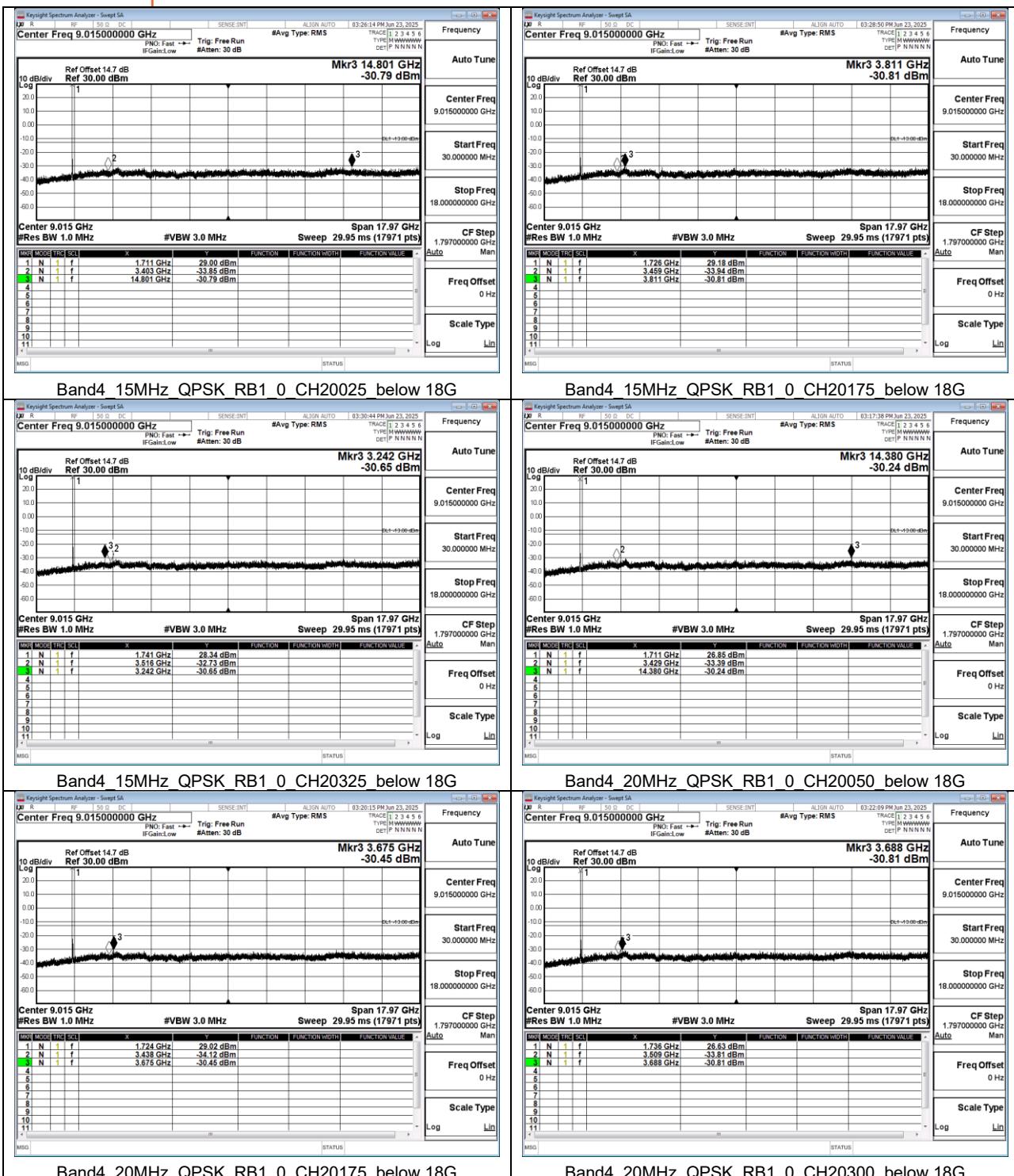


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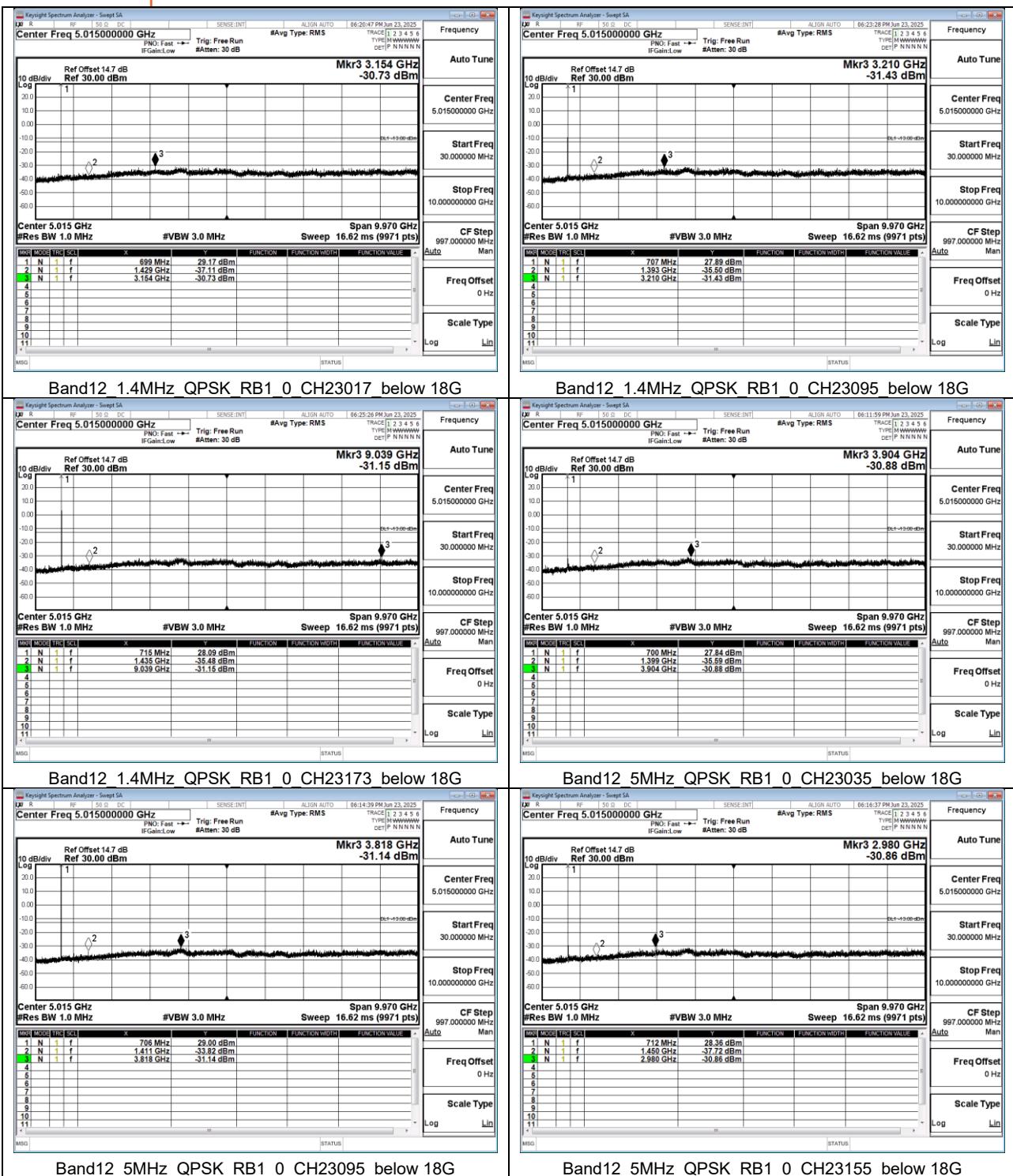
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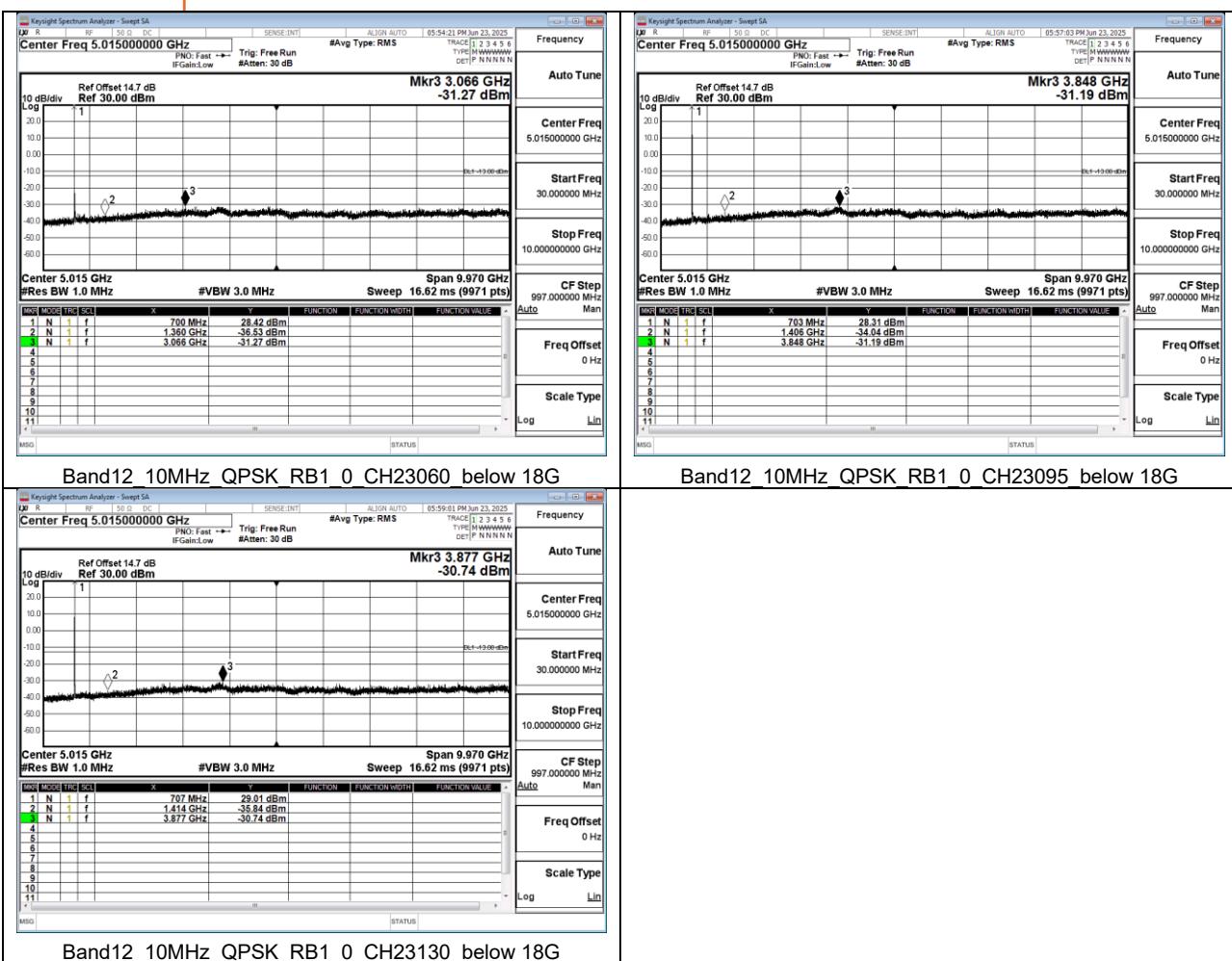
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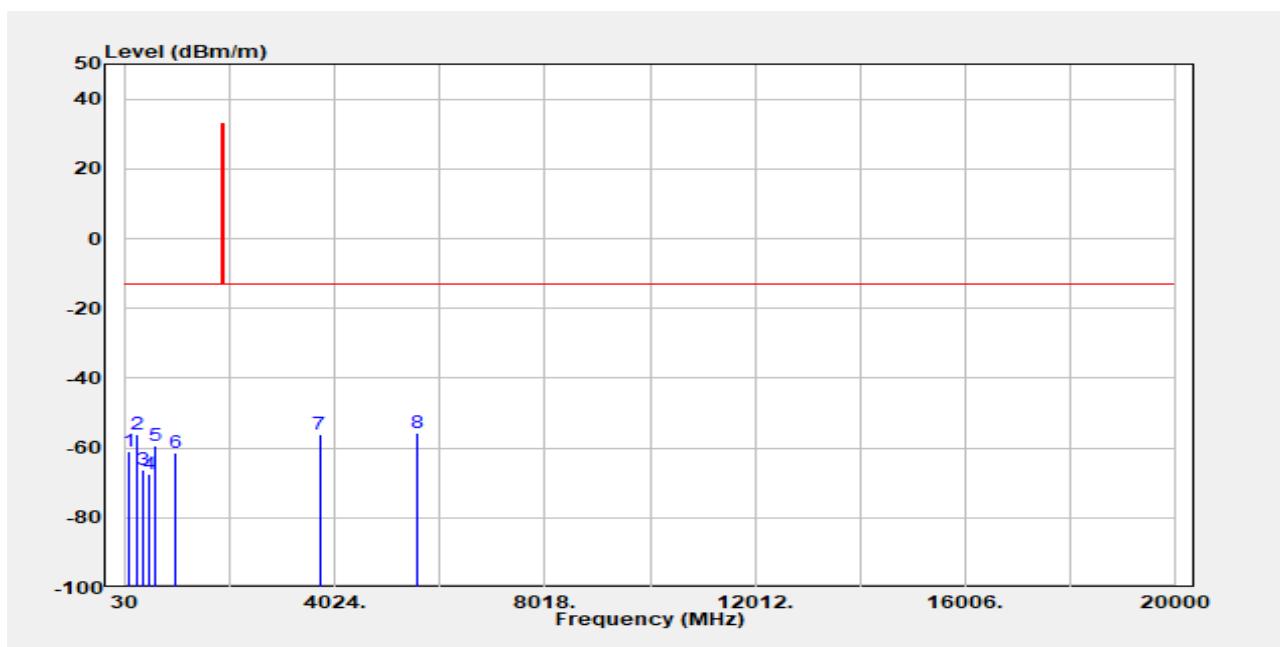
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## 5 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B2 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :1860 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
92.08	-60.80	-58.29	-0.85	-1.67	-13.00	-47.80
243.40	-56.28	-57.24	3.67	-2.71	-13.00	-43.28
359.80	-66.28	-67.21	4.21	-3.29	-13.00	-53.28
480.08	-67.56	-67.77	4.00	-3.79	-13.00	-54.56
599.39	-59.42	-58.74	3.56	-4.23	-13.00	-46.42
960.23	-61.53	-59.42	3.23	-5.35	-13.00	-48.53
3720.00	-56.09	-57.92	12.50	-10.67	-13.00	-43.09
5580.00	-55.76	-55.70	13.12	-13.18	-13.00	-42.76

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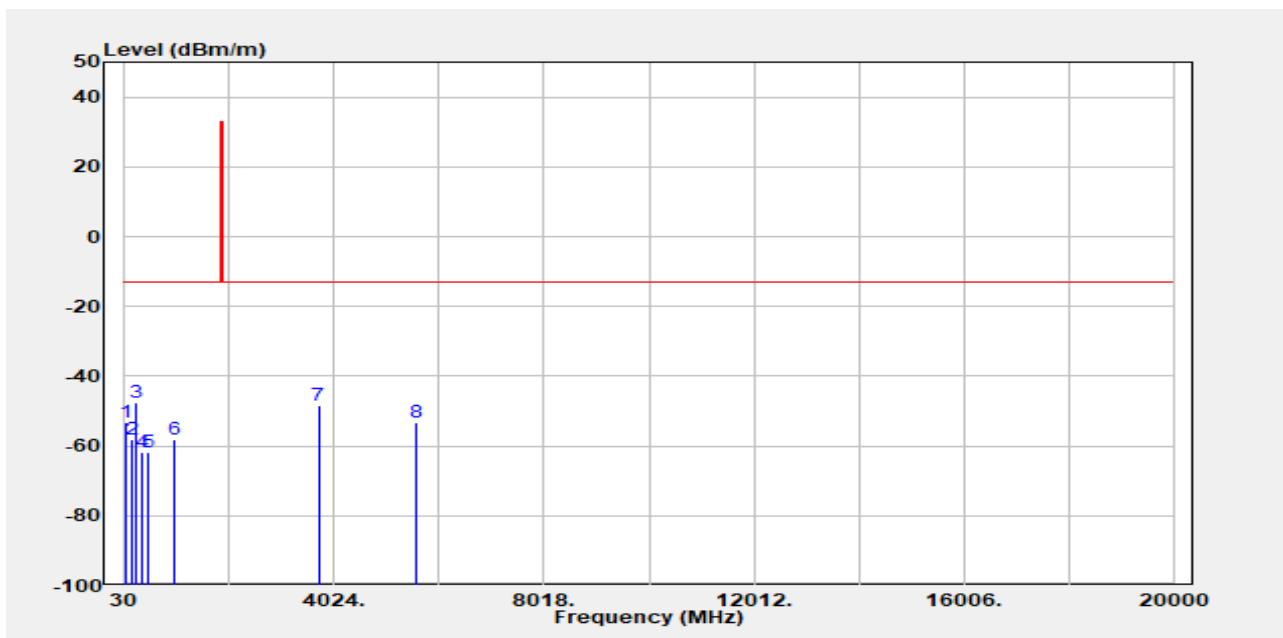
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B2 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :1860 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-53.08	-41.54	-10.22	-1.32	-13.00	-40.08
180.35	-58.32	-57.27	1.27	-2.32	-13.00	-45.32
242.43	-47.62	-48.58	3.67	-2.70	-13.00	-34.62
359.80	-61.89	-62.81	4.21	-3.29	-13.00	-48.89
480.08	-61.77	-61.98	4.00	-3.79	-13.00	-48.77
960.23	-58.33	-56.21	3.23	-5.35	-13.00	-45.33
3720.00	-48.28	-50.11	12.50	-10.67	-13.00	-35.28
5580.00	-53.27	-53.21	13.12	-13.18	-13.00	-40.27

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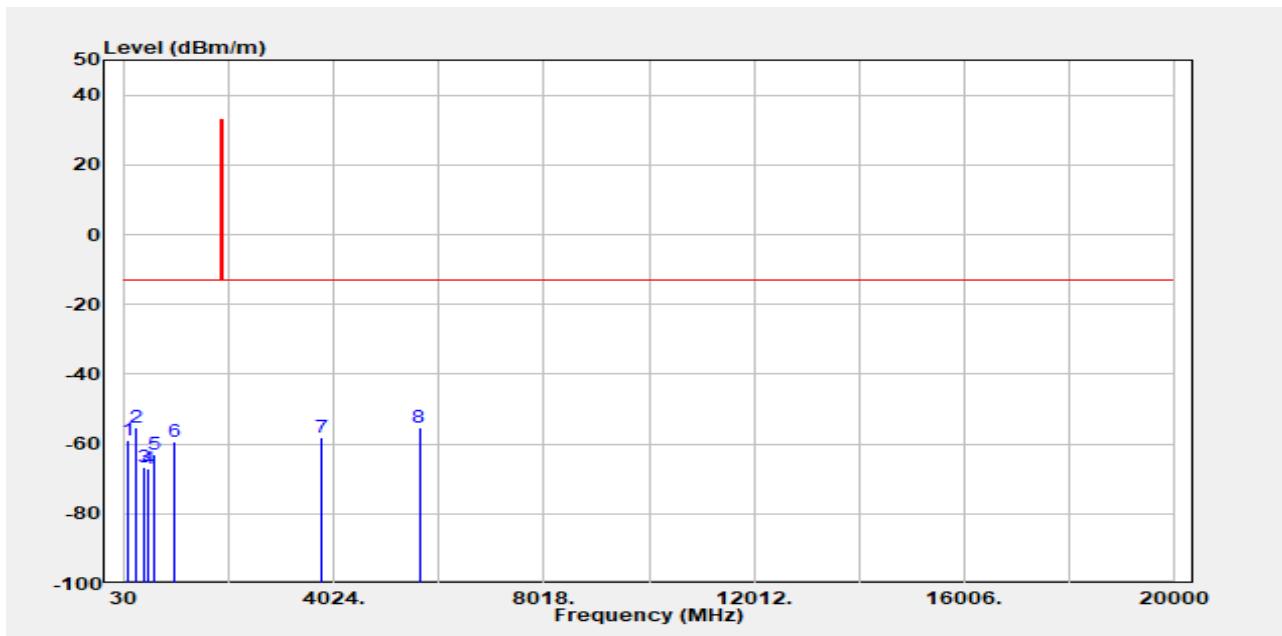
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B2 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :1880 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
92.08	-58.98	-56.47	-0.85	-1.67	-13.00	-45.98
243.40	-55.30	-56.26	3.67	-2.71	-13.00	-42.30
399.57	-66.48	-66.94	3.92	-3.46	-13.00	-53.48
480.08	-67.26	-67.47	4.00	-3.79	-13.00	-54.26
598.42	-62.90	-62.26	3.58	-4.23	-13.00	-49.90
960.23	-59.45	-57.33	3.23	-5.35	-13.00	-46.45
3760.00	-58.27	-60.05	12.50	-10.72	-13.00	-45.27
5640.00	-55.12	-55.15	13.28	-13.25	-13.00	-42.12

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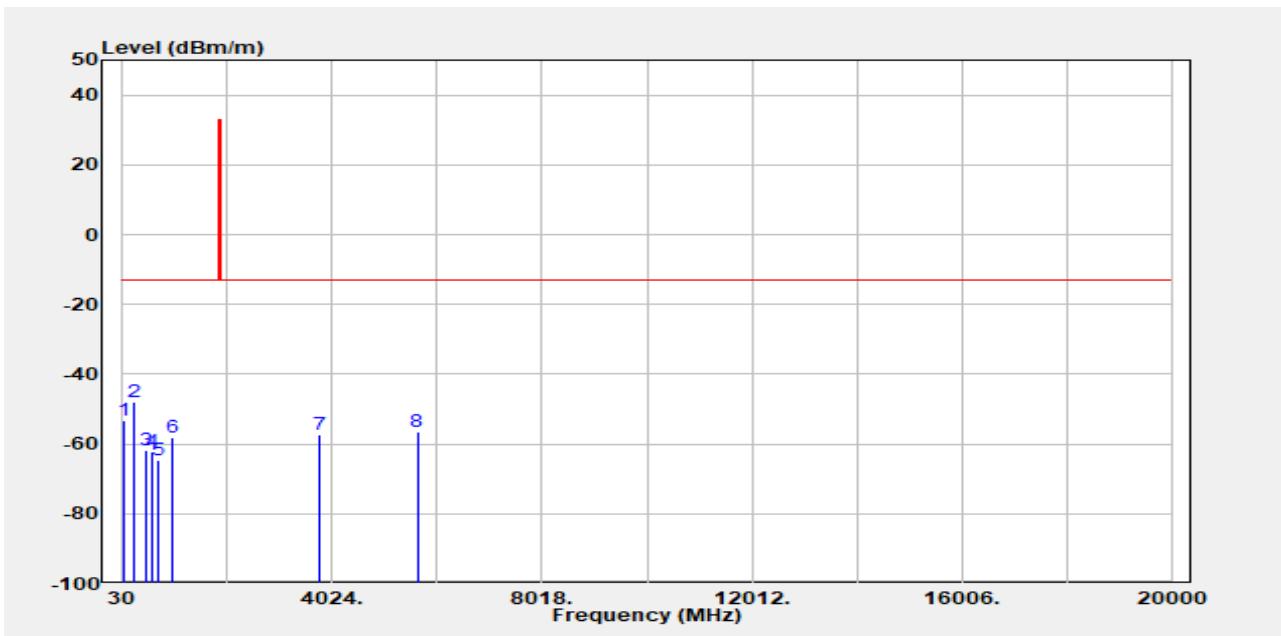
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B2 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :1880 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-53.25	-41.71	-10.22	-1.32	-13.00	-40.25
239.52	-48.00	-49.02	3.71	-2.69	-13.00	-35.00
480.08	-61.66	-61.87	4.00	-3.79	-13.00	-48.66
598.42	-62.38	-61.73	3.58	-4.23	-13.00	-49.38
722.58	-64.80	-63.82	3.66	-4.64	-13.00	-51.80
960.23	-57.97	-55.85	3.23	-5.35	-13.00	-44.97
3760.00	-57.33	-59.11	12.50	-10.72	-13.00	-44.33
5640.00	-56.42	-56.45	13.28	-13.25	-13.00	-43.42

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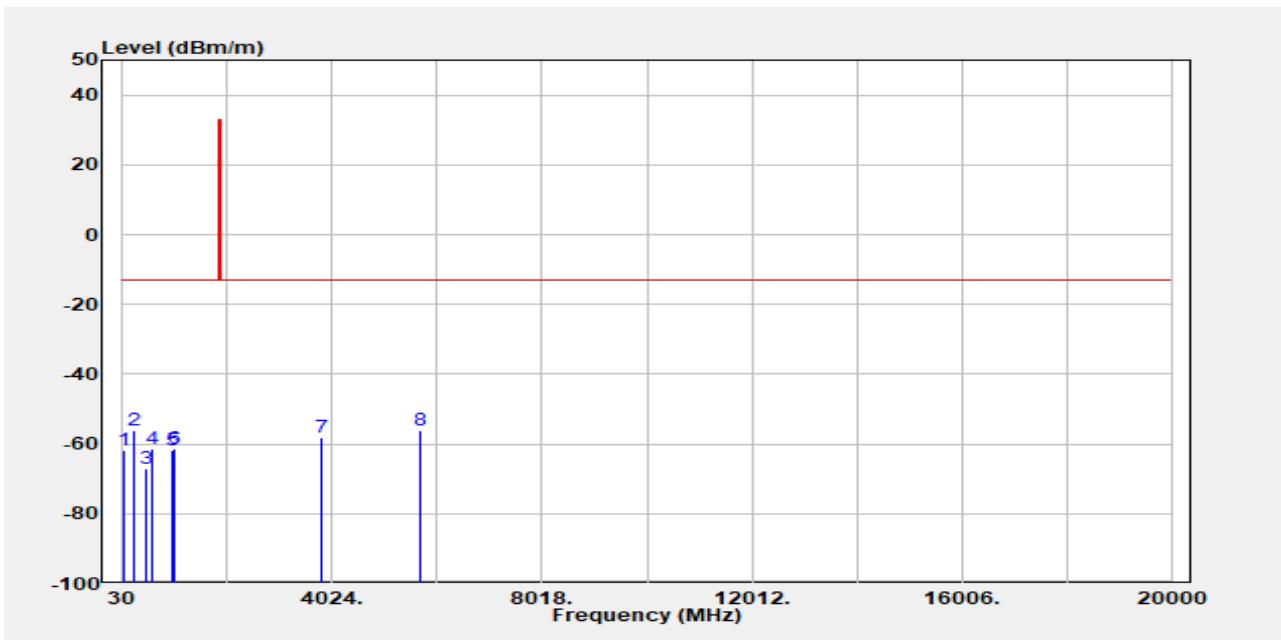
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B2 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :1900 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-61.75	-50.22	-10.22	-1.32	-13.00	-48.75
241.46	-56.11	-57.09	3.67	-2.70	-13.00	-43.11
480.08	-66.92	-67.14	4.00	-3.79	-13.00	-53.92
599.39	-61.57	-60.90	3.56	-4.23	-13.00	-48.57
960.23	-61.97	-59.85	3.23	-5.35	-13.00	-48.97
998.06	-61.49	-59.44	3.40	-5.45	-13.00	-48.49
3800.00	-58.18	-59.91	12.50	-10.77	-13.00	-45.18
5700.00	-55.97	-55.74	13.10	-13.33	-13.00	-42.97

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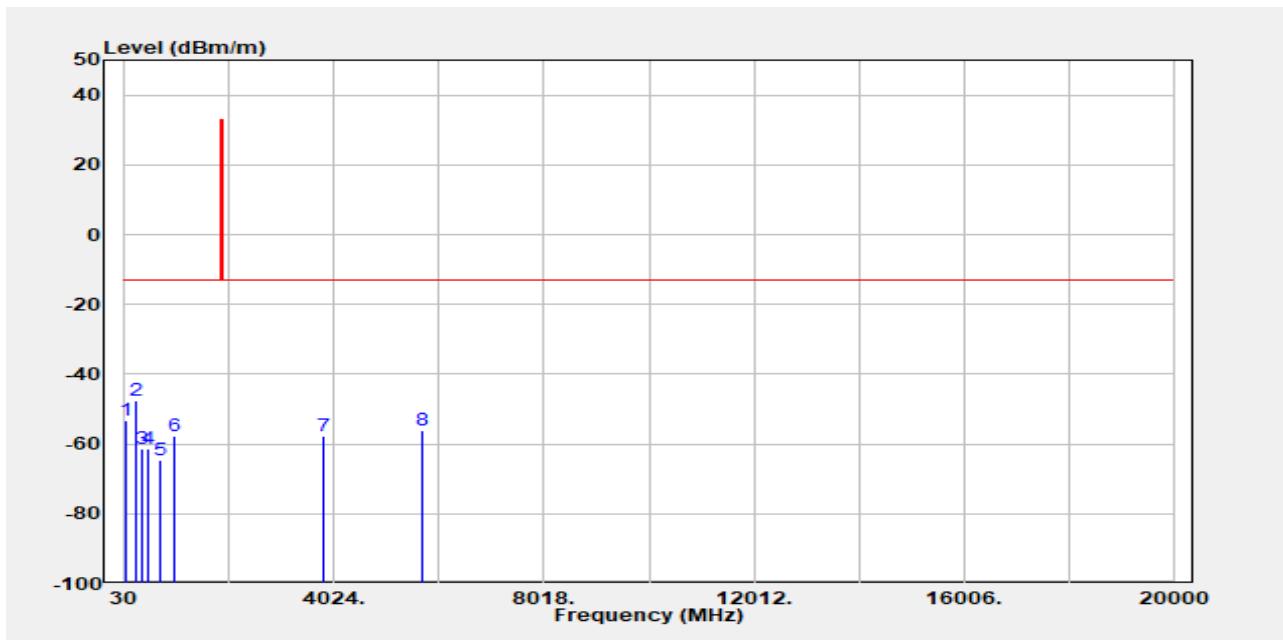
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B2 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :1900 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-53.09	-41.55	-10.22	-1.32	-13.00	-40.09
242.43	-47.58	-48.54	3.67	-2.70	-13.00	-34.58
359.80	-61.40	-62.33	4.21	-3.29	-13.00	-48.40
480.08	-61.54	-61.75	4.00	-3.79	-13.00	-48.54
689.60	-64.73	-64.06	3.86	-4.54	-13.00	-51.73
960.23	-57.91	-55.79	3.23	-5.35	-13.00	-44.91
3800.00	-57.61	-59.34	12.50	-10.77	-13.00	-44.61
5700.00	-56.03	-55.80	13.10	-13.33	-13.00	-43.03

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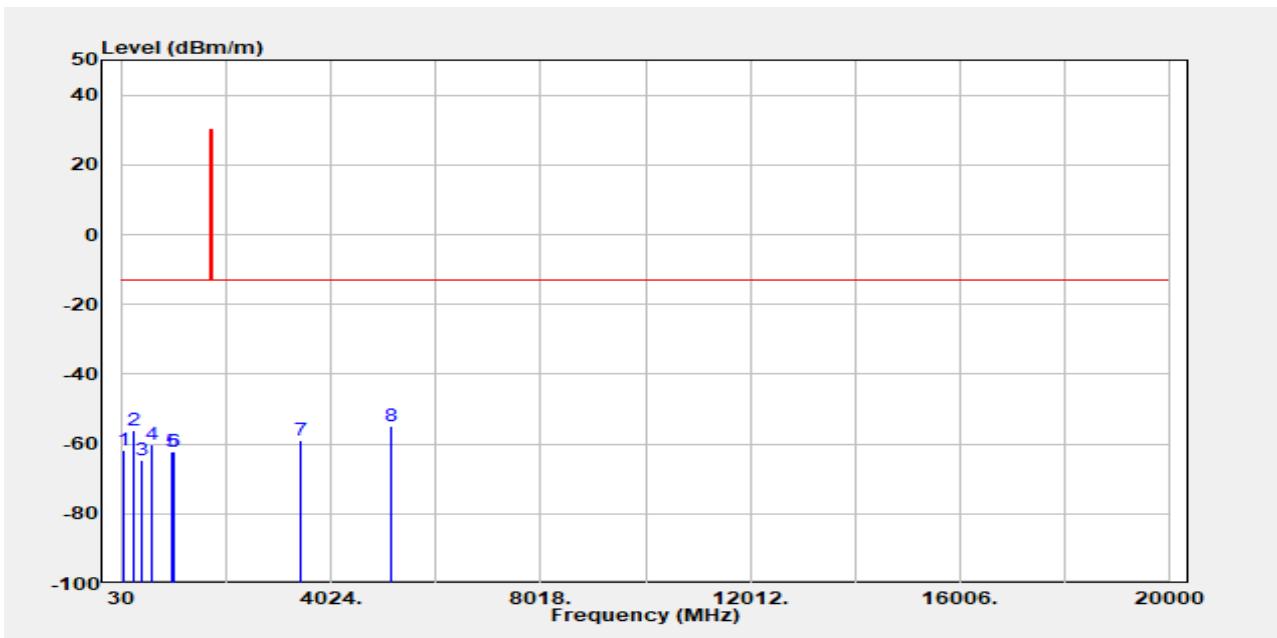
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B4 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :1720 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-61.61	-50.07	-10.22	-1.32	-13.00	-48.61
242.43	-56.01	-56.98	3.67	-2.70	-13.00	-43.01
399.57	-64.70	-65.16	3.92	-3.46	-13.00	-51.70
599.39	-60.15	-59.48	3.56	-4.23	-13.00	-47.15
960.23	-62.34	-60.22	3.23	-5.35	-13.00	-49.34
997.09	-62.06	-60.02	3.41	-5.45	-13.00	-49.06
3440.00	-58.93	-61.26	12.60	-10.26	-13.00	-45.93
5160.00	-54.92	-54.69	12.44	-12.66	-13.00	-41.92

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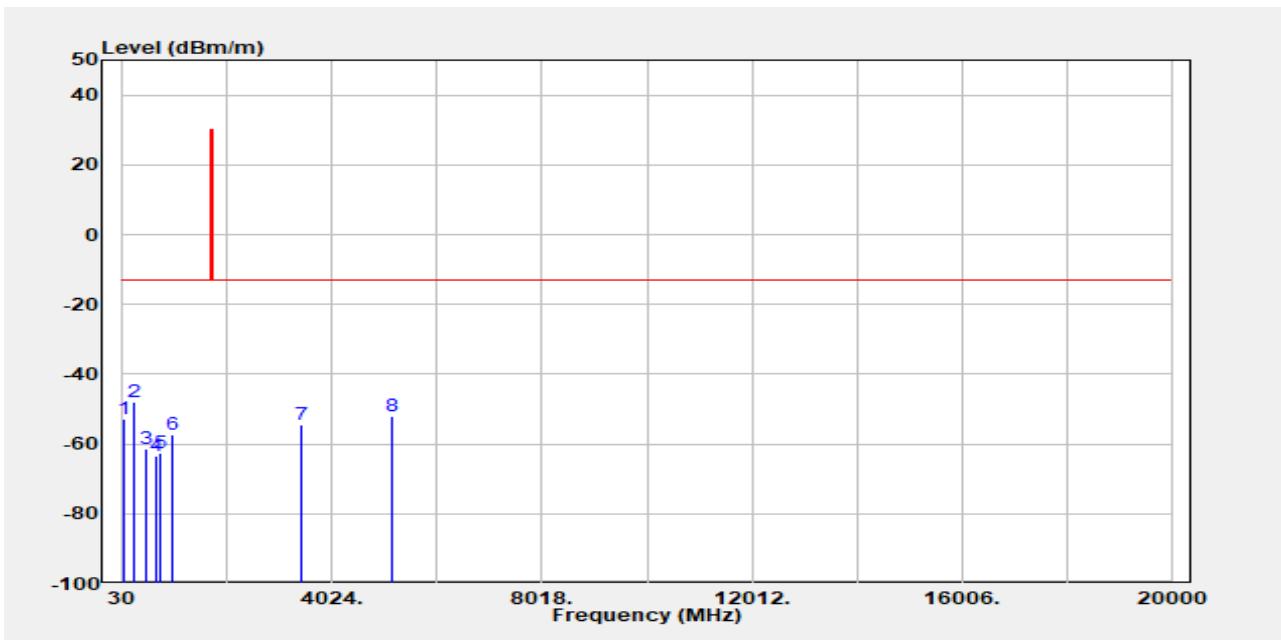
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B4 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :1720 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-52.92	-41.39	-10.22	-1.32	-13.00	-39.92
238.55	-47.90	-49.00	3.77	-2.68	-13.00	-34.90
480.08	-61.25	-61.46	4.00	-3.79	-13.00	-48.25
673.11	-63.46	-62.96	3.98	-4.48	-13.00	-50.46
741.01	-62.65	-61.51	3.55	-4.69	-13.00	-49.65
960.23	-57.40	-55.28	3.23	-5.35	-13.00	-44.40
3440.00	-54.43	-56.77	12.60	-10.26	-13.00	-41.43
5160.00	-52.14	-51.92	12.44	-12.66	-13.00	-39.14

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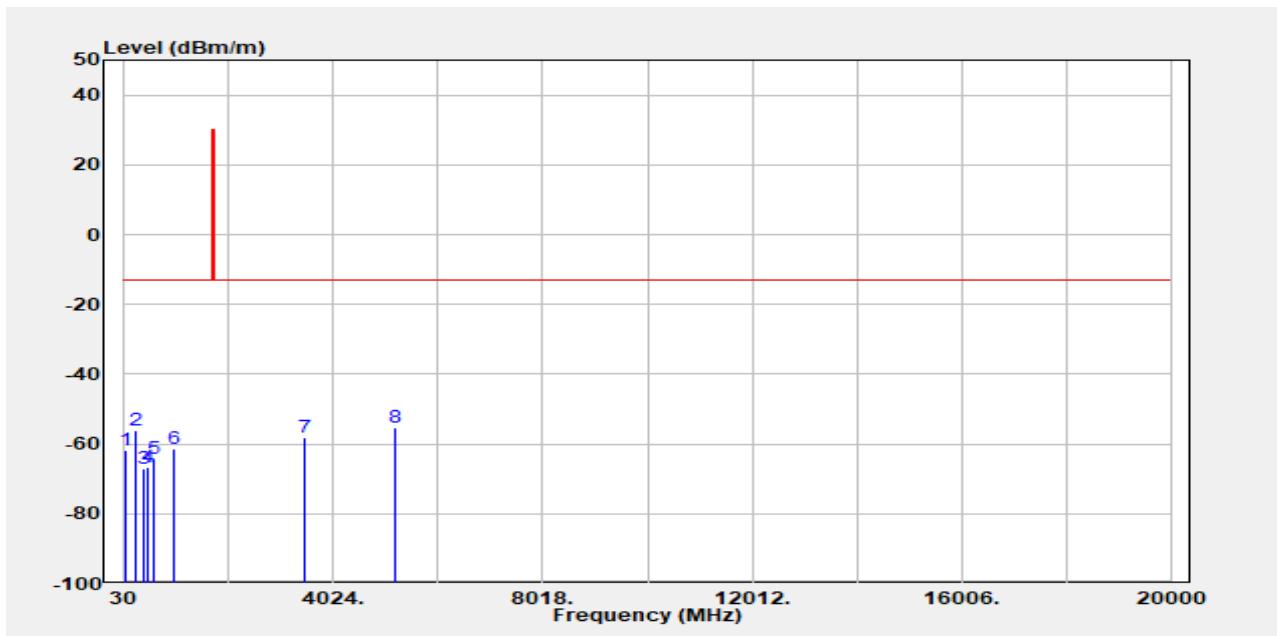
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B4 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :1732.5 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-61.65	-50.12	-10.22	-1.32	-13.00	-48.65
243.40	-55.91	-56.87	3.67	-2.71	-13.00	-42.91
398.60	-67.03	-67.49	3.92	-3.45	-13.00	-54.03
480.08	-66.57	-66.78	4.00	-3.79	-13.00	-53.57
599.39	-64.32	-63.64	3.56	-4.23	-13.00	-51.32
960.23	-61.56	-59.44	3.23	-5.35	-13.00	-48.56
3465.00	-58.12	-60.36	12.54	-10.30	-13.00	-45.12
5197.50	-55.33	-55.22	12.59	-12.71	-13.00	-42.33

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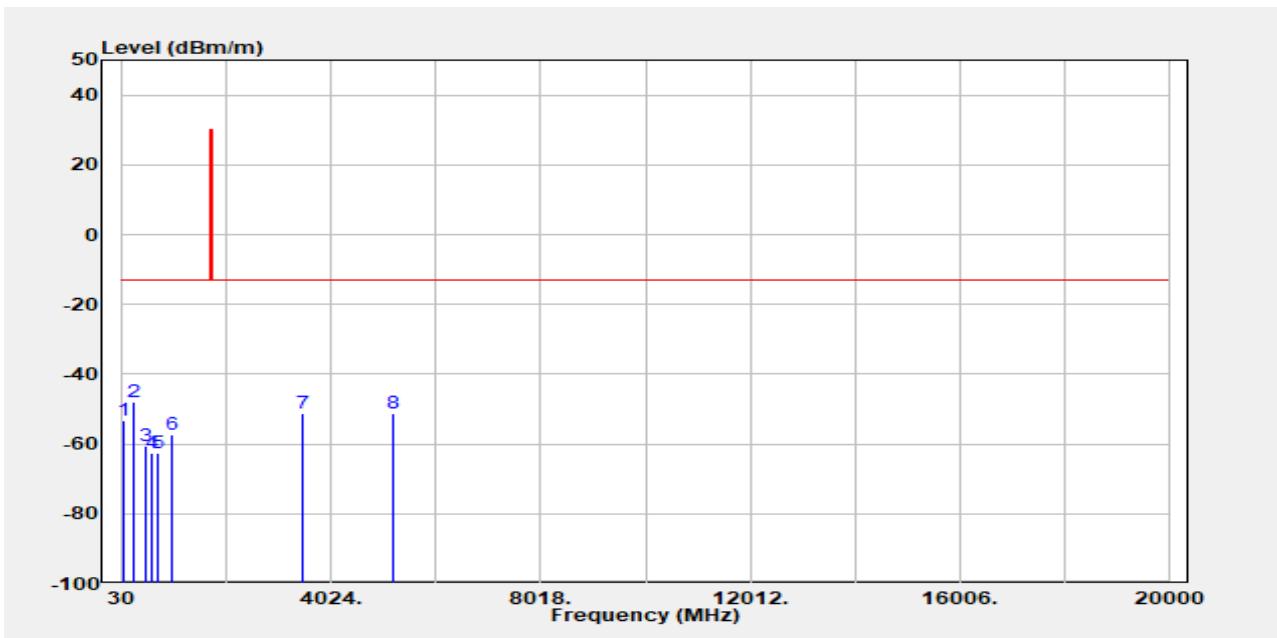
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B4 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :1732.5 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-53.20	-41.67	-10.22	-1.32	-13.00	-40.20
242.43	-48.17	-49.14	3.67	-2.70	-13.00	-35.17
480.08	-60.59	-60.80	4.00	-3.79	-13.00	-47.59
600.36	-62.47	-61.77	3.53	-4.23	-13.00	-49.47
691.54	-62.73	-62.03	3.85	-4.54	-13.00	-49.73
960.23	-57.18	-55.06	3.23	-5.35	-13.00	-44.18
3465.00	-51.19	-53.42	12.54	-10.30	-13.00	-38.19
5197.50	-51.23	-51.12	12.59	-12.71	-13.00	-38.23

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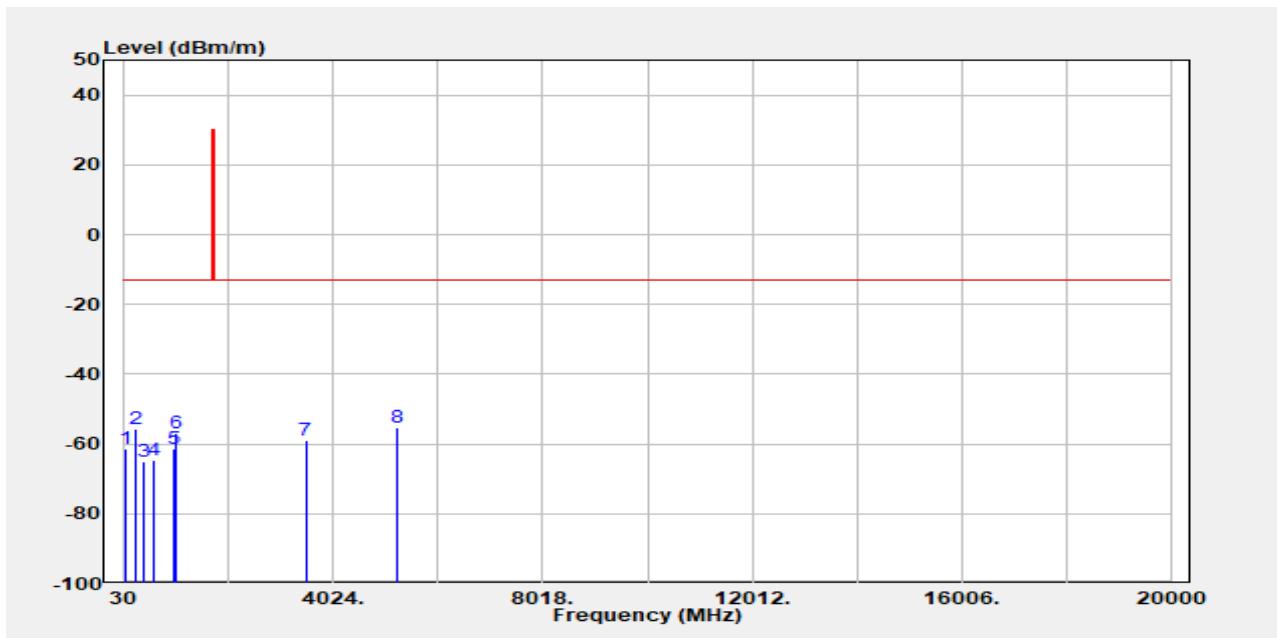
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B4 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :1745 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-61.31	-49.78	-10.22	-1.32	-13.00	-48.31
244.37	-55.56	-56.51	3.66	-2.71	-13.00	-42.56
398.60	-65.15	-65.61	3.92	-3.45	-13.00	-52.15
597.45	-64.47	-63.85	3.61	-4.22	-13.00	-51.47
960.23	-61.19	-59.07	3.23	-5.35	-13.00	-48.19
997.09	-57.07	-55.04	3.41	-5.45	-13.00	-44.07
3490.00	-59.08	-61.17	12.44	-10.34	-13.00	-46.08
5235.00	-55.41	-55.47	12.81	-12.75	-13.00	-42.41

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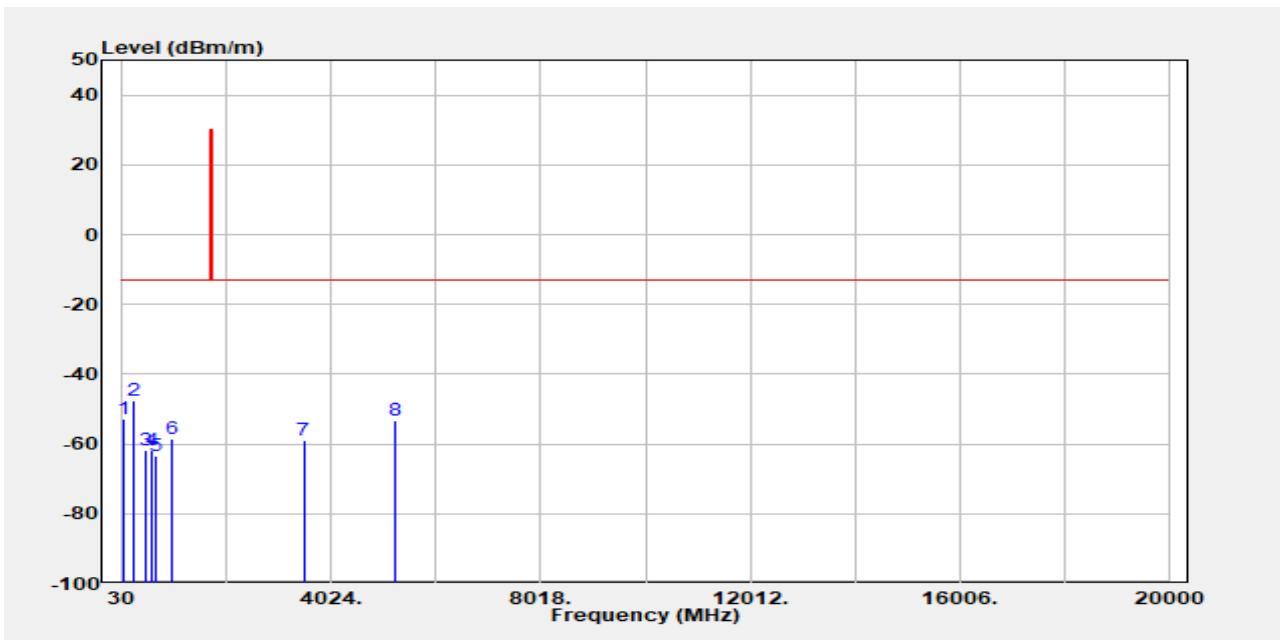
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B4 Test Date :2025-06-23  
Test Mode :Tx Temp./Humi. :24.4°C/53%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :1745 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
58.13	-52.99	-41.45	-10.22	-1.32	-13.00	-39.99
242.43	-47.70	-48.67	3.67	-2.70	-13.00	-34.70
480.08	-61.84	-62.05	4.00	-3.79	-13.00	-48.84
599.39	-61.89	-61.22	3.56	-4.23	-13.00	-48.89
685.72	-63.55	-62.91	3.89	-4.52	-13.00	-50.55
960.23	-58.35	-56.23	3.23	-5.35	-13.00	-45.35
3490.00	-58.82	-60.92	12.44	-10.34	-13.00	-45.82
5235.00	-53.31	-53.37	12.81	-12.75	-13.00	-40.31

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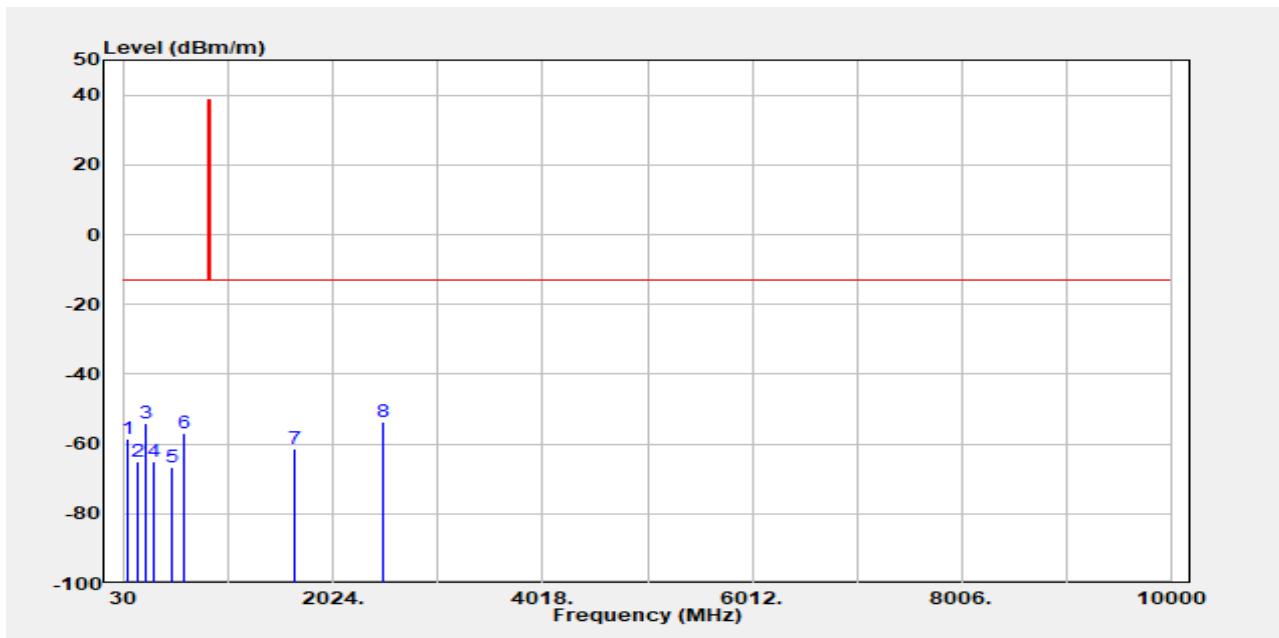
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B5 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :829 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.59	-46.74	-10.54	-1.31	-13.00	-45.59
160.95	-65.07	-61.89	-0.98	-2.20	-13.00	-52.07
240.49	-54.21	-55.20	3.68	-2.69	-13.00	-41.21
310.33	-64.96	-65.72	3.81	-3.05	-13.00	-51.96
480.08	-66.59	-66.80	4.00	-3.79	-13.00	-53.59
600.36	-56.72	-56.02	3.53	-4.23	-13.00	-43.72
1658.00	-61.24	-63.83	9.58	-6.99	-13.00	-48.24
2487.00	-53.71	-55.53	10.50	-8.68	-13.00	-40.71

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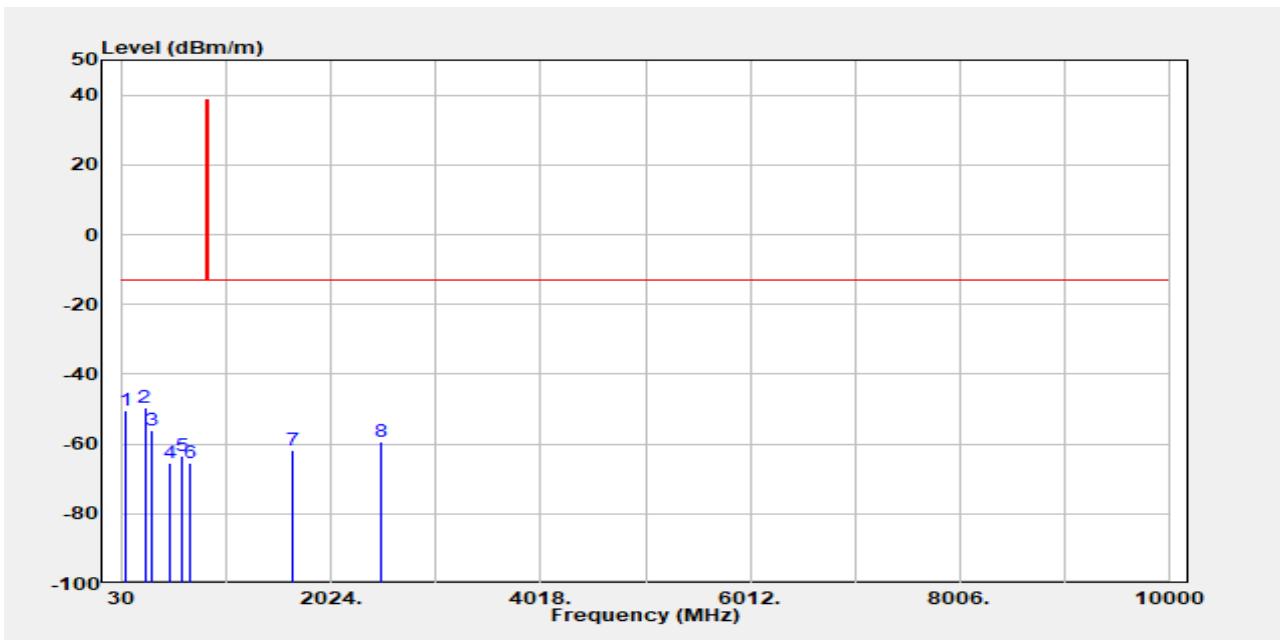
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B5 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :829 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.39	-38.54	-10.54	-1.31	-13.00	-37.39
243.40	-49.72	-50.68	3.67	-2.71	-13.00	-36.72
309.36	-56.28	-57.05	3.82	-3.05	-13.00	-43.28
480.08	-65.33	-65.54	4.00	-3.79	-13.00	-52.33
597.45	-63.24	-62.63	3.61	-4.22	-13.00	-50.24
676.99	-65.36	-64.86	3.99	-4.49	-13.00	-52.36
1658.00	-61.66	-64.25	9.58	-6.99	-13.00	-48.66
2487.00	-59.44	-61.26	10.50	-8.68	-13.00	-46.44

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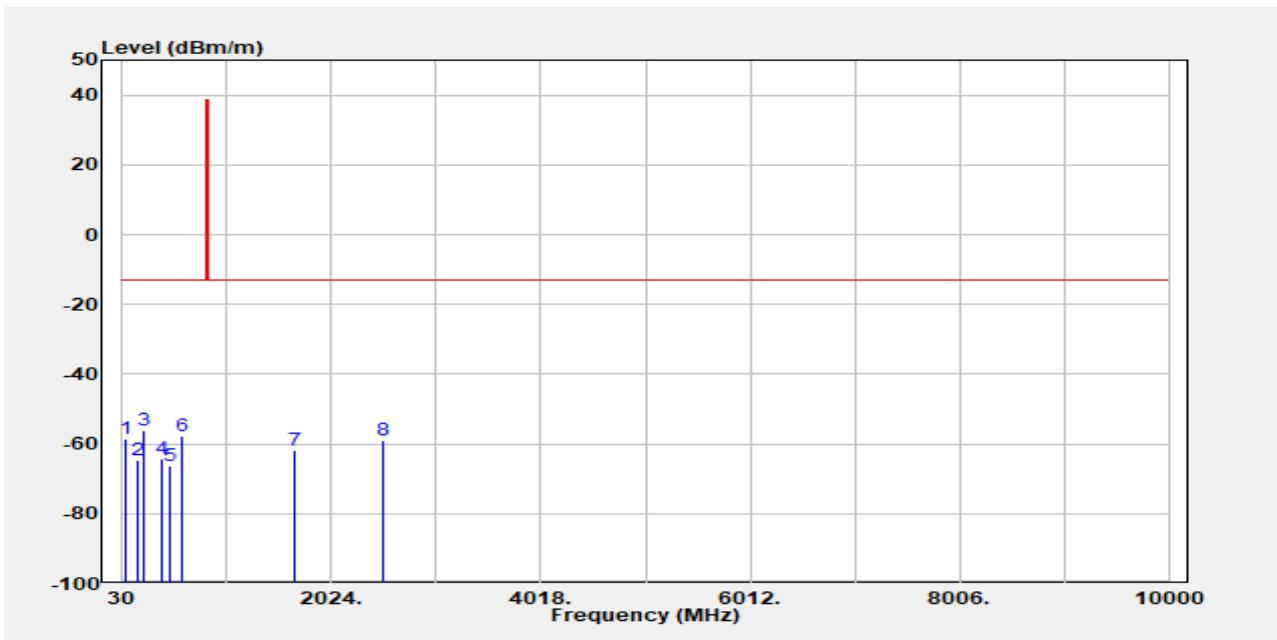
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B5 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :836.5 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.61	-46.76	-10.54	-1.31	-13.00	-45.61
175.50	-64.57	-62.80	0.51	-2.29	-13.00	-51.57
240.49	-56.25	-57.23	3.68	-2.69	-13.00	-43.25
399.57	-64.10	-64.56	3.92	-3.46	-13.00	-51.10
480.08	-66.31	-66.52	4.00	-3.79	-13.00	-53.31
599.39	-57.65	-56.97	3.56	-4.23	-13.00	-44.65
1673.00	-61.72	-64.42	9.73	-7.02	-13.00	-48.72
2509.50	-58.79	-60.76	10.69	-8.72	-13.00	-45.79

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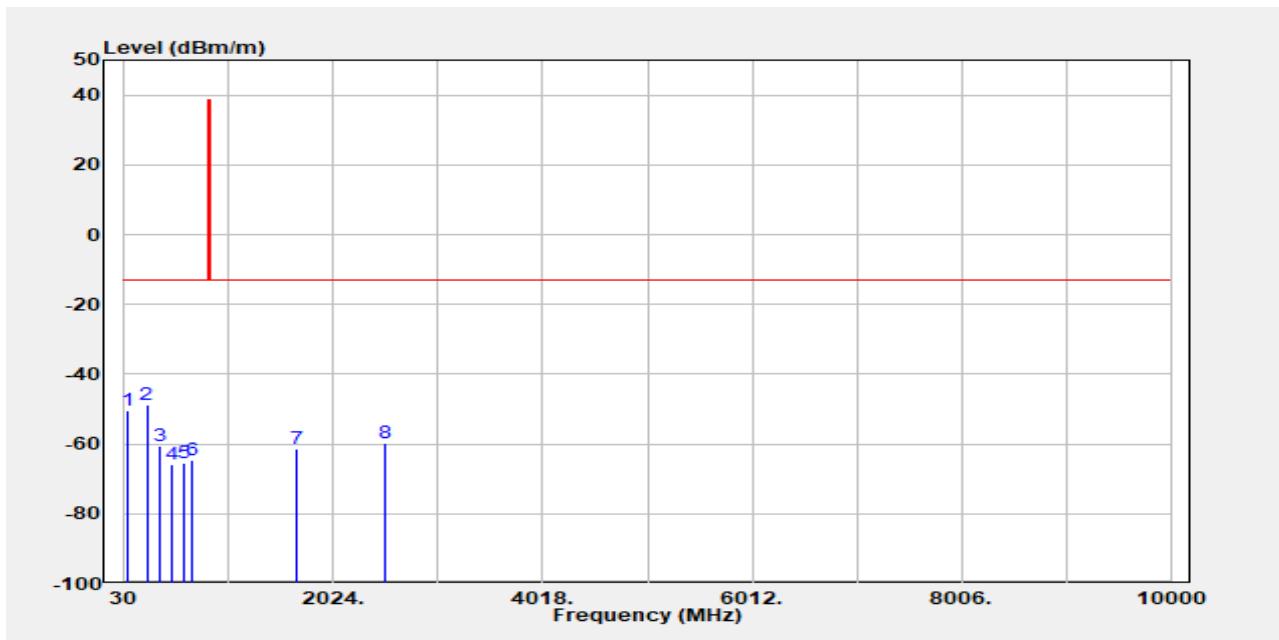
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B5 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :836.5 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.35	-38.50	-10.54	-1.31	-13.00	-37.35
243.40	-48.79	-49.75	3.67	-2.71	-13.00	-35.79
359.80	-60.53	-61.45	4.21	-3.29	-13.00	-47.53
479.11	-65.72	-65.94	4.00	-3.79	-13.00	-52.72
598.42	-65.35	-64.70	3.58	-4.23	-13.00	-52.35
679.90	-64.83	-64.36	4.03	-4.50	-13.00	-51.83
1673.00	-61.51	-64.22	9.73	-7.02	-13.00	-48.51
2509.50	-59.80	-61.78	10.69	-8.72	-13.00	-46.80

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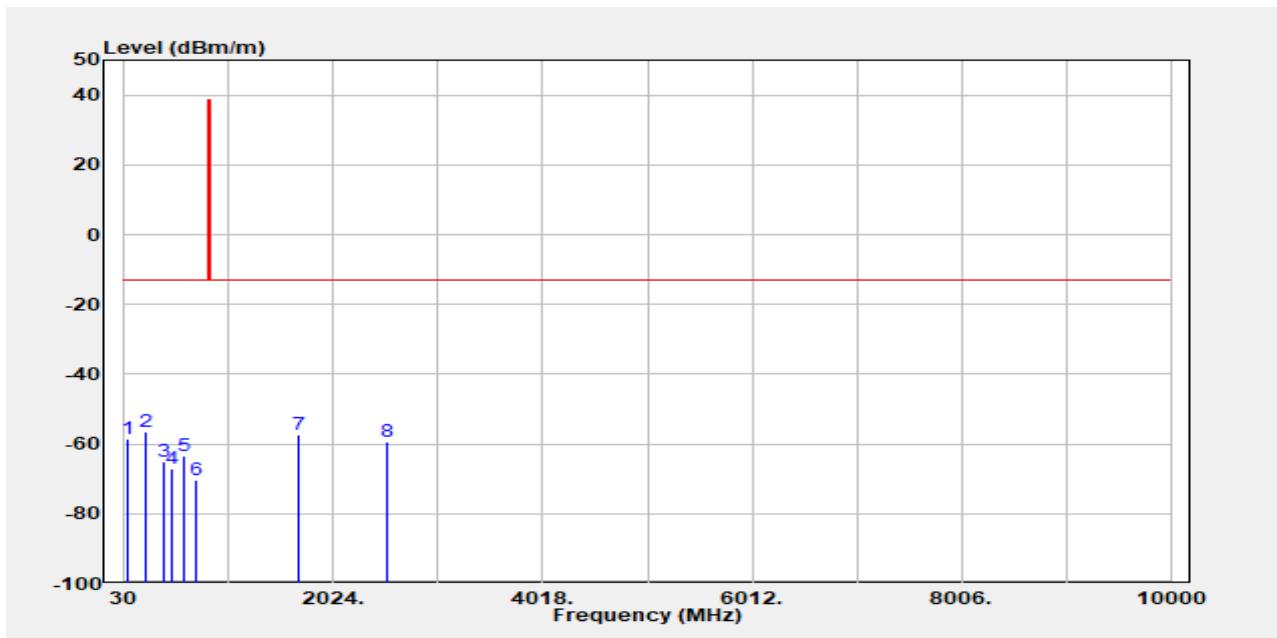
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B5 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :844 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.54	-46.69	-10.54	-1.31	-13.00	-45.54
238.55	-56.47	-57.56	3.77	-2.68	-13.00	-43.47
399.57	-64.95	-65.41	3.92	-3.46	-13.00	-51.95
480.08	-66.93	-67.15	4.00	-3.79	-13.00	-53.93
599.39	-63.43	-62.75	3.56	-4.23	-13.00	-50.43
719.67	-70.14	-69.25	3.73	-4.63	-13.00	-57.14
1688.00	-57.26	-60.09	9.88	-7.05	-13.00	-44.26
2532.00	-59.51	-61.27	10.52	-8.76	-13.00	-46.51

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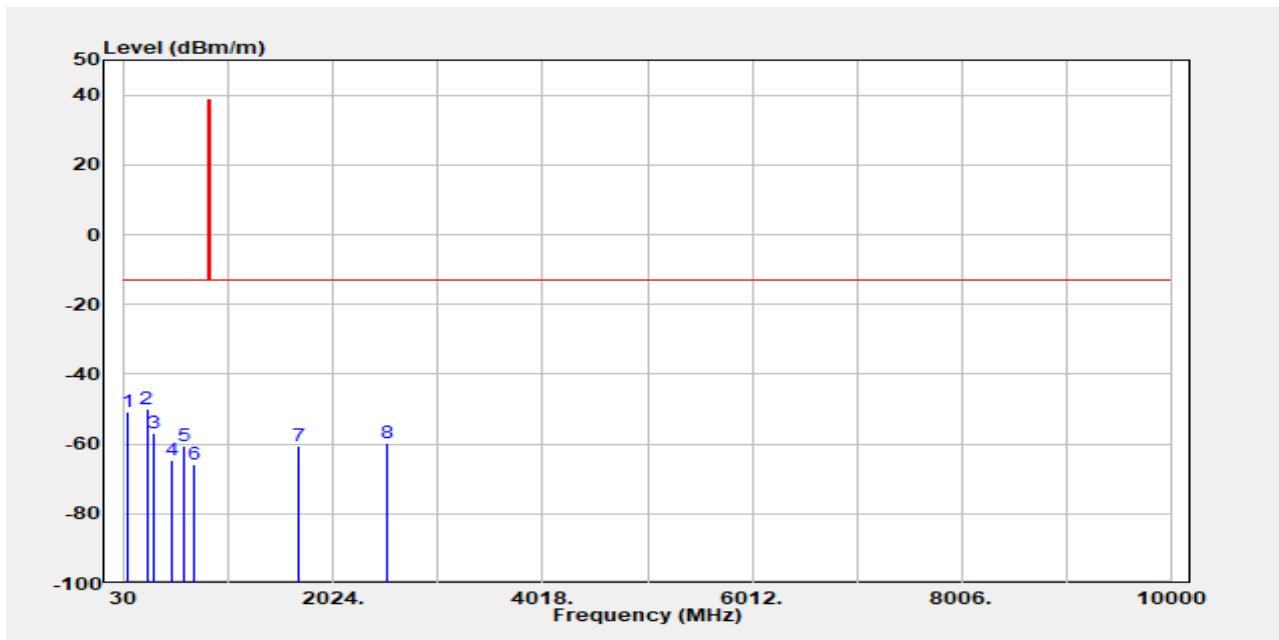
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B5 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :844 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.73	-38.88	-10.54	-1.31	-13.00	-37.73
243.40	-50.15	-51.11	3.67	-2.71	-13.00	-37.15
309.36	-56.73	-57.50	3.82	-3.05	-13.00	-43.73
480.08	-64.77	-64.98	4.00	-3.79	-13.00	-51.77
600.36	-60.72	-60.02	3.53	-4.23	-13.00	-47.72
700.27	-65.69	-64.99	3.88	-4.57	-13.00	-52.69
1688.00	-60.63	-63.45	9.88	-7.05	-13.00	-47.63
2532.00	-59.70	-61.45	10.52	-8.76	-13.00	-46.70

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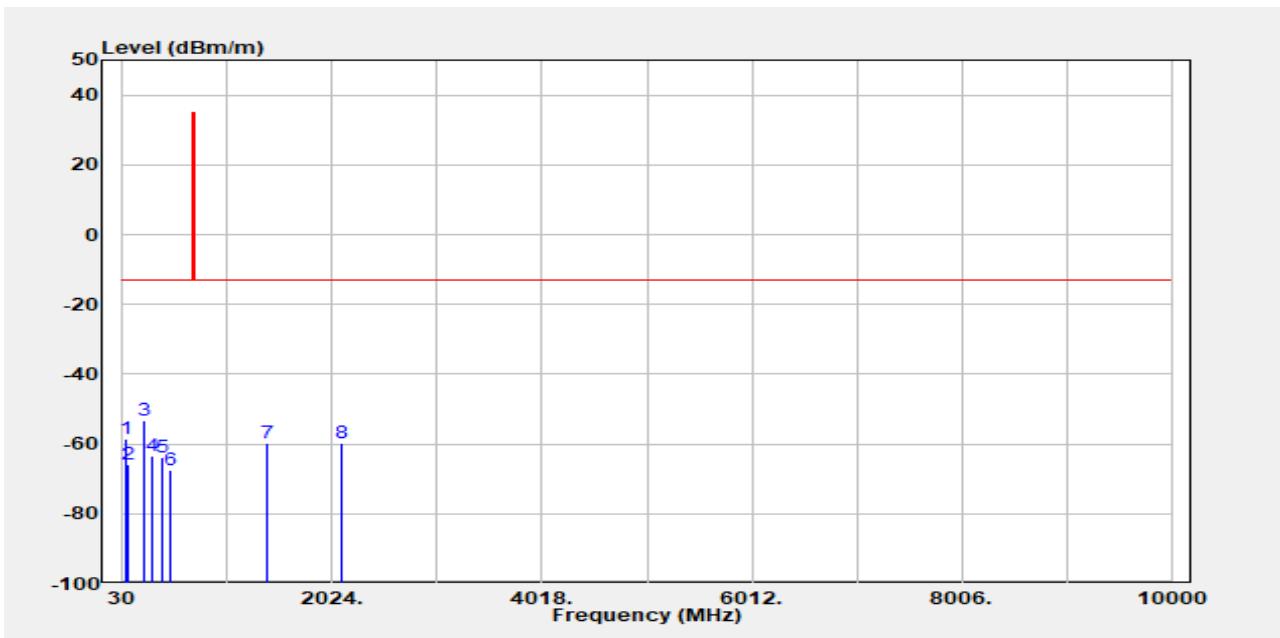
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B12 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :704 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.59	-46.74	-10.54	-1.31	-13.00	-45.59
89.17	-65.80	-63.14	-1.01	-1.64	-13.00	-52.80
240.49	-53.21	-54.19	3.68	-2.69	-13.00	-40.21
308.39	-63.53	-64.32	3.83	-3.04	-13.00	-50.53
398.60	-63.65	-64.12	3.92	-3.45	-13.00	-50.65
480.08	-67.34	-67.55	4.00	-3.79	-13.00	-54.34
1408.00	-59.83	-60.97	7.58	-6.44	-13.00	-46.83
2112.00	-59.60	-61.32	9.68	-7.97	-13.00	-46.60

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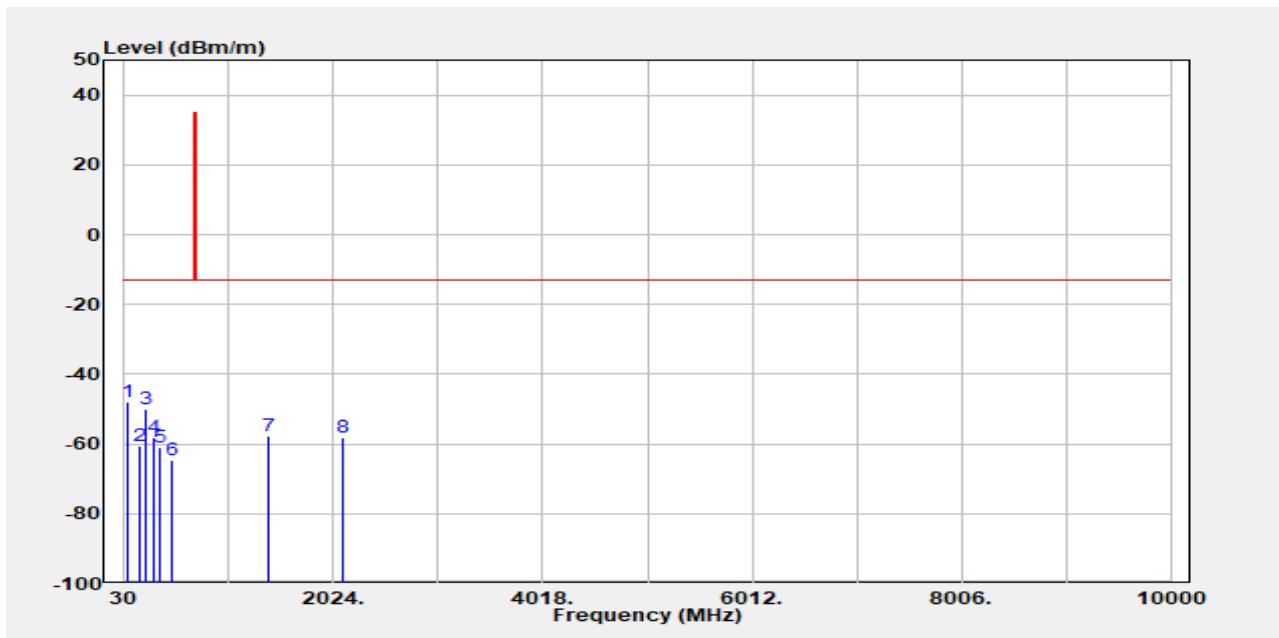
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B12 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :704 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
56.19	-47.79	-35.69	-10.81	-1.29	-13.00	-34.79
173.56	-60.37	-58.47	0.38	-2.28	-13.00	-47.37
240.49	-50.01	-50.99	3.68	-2.69	-13.00	-37.01
308.39	-58.03	-58.81	3.83	-3.04	-13.00	-45.03
359.80	-60.93	-61.86	4.21	-3.29	-13.00	-47.93
480.08	-64.76	-64.97	4.00	-3.79	-13.00	-51.76
1408.00	-57.53	-58.67	7.58	-6.44	-13.00	-44.53
2112.00	-58.01	-59.73	9.68	-7.97	-13.00	-45.01

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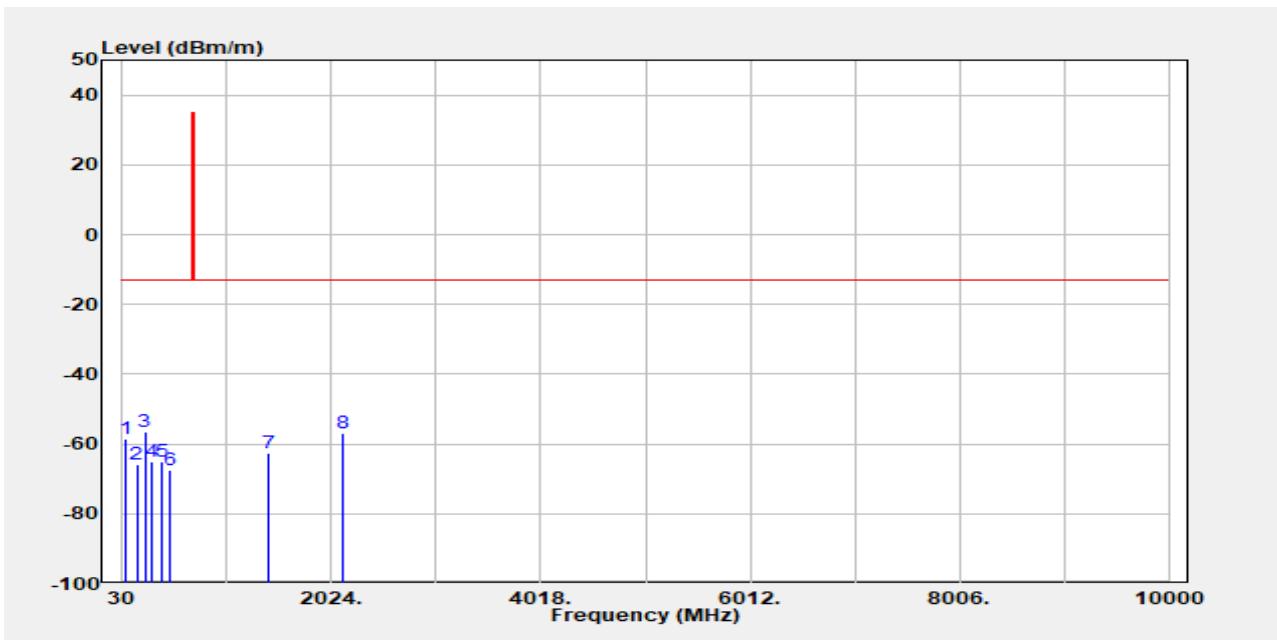
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B12 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :707.5 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.70	-46.85	-10.54	-1.31	-13.00	-45.70
166.77	-65.93	-63.21	-0.48	-2.24	-13.00	-52.93
243.40	-56.33	-57.29	3.67	-2.71	-13.00	-43.33
308.39	-64.92	-65.71	3.83	-3.04	-13.00	-51.92
398.60	-65.22	-65.68	3.92	-3.45	-13.00	-52.22
480.08	-67.31	-67.52	4.00	-3.79	-13.00	-54.31
1415.00	-62.78	-63.97	7.65	-6.46	-13.00	-49.78
2122.50	-56.90	-58.49	9.58	-7.99	-13.00	-43.90

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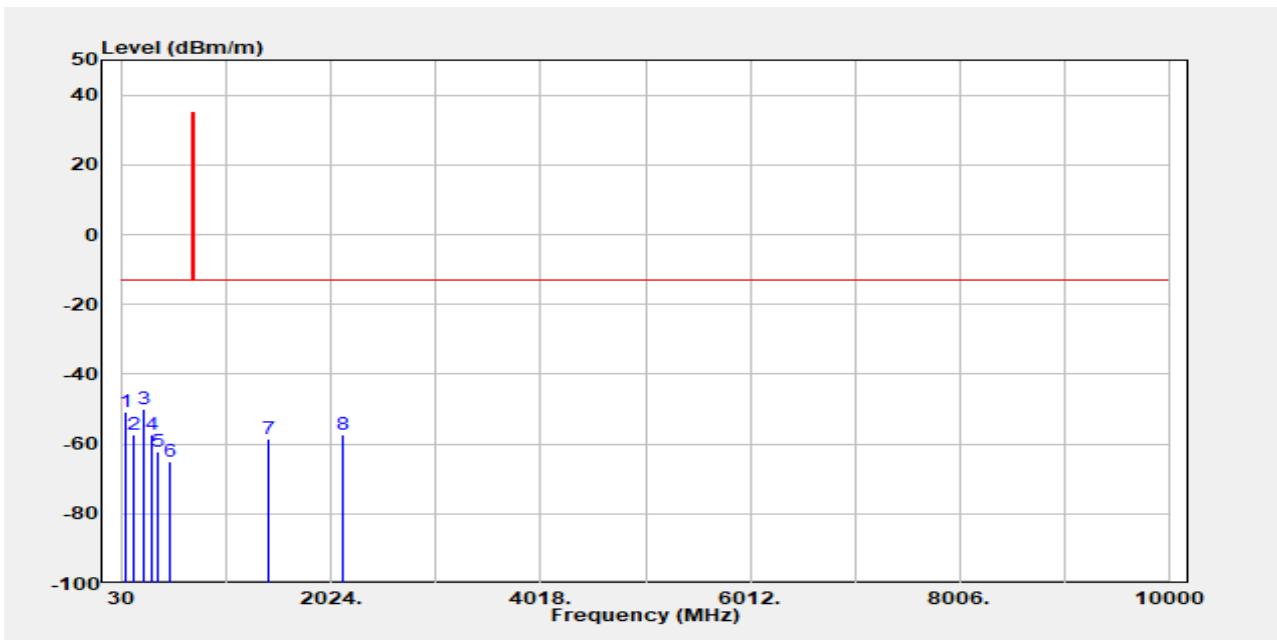
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B12 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :707.5 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.89	-39.04	-10.54	-1.31	-13.00	-37.89
145.43	-57.18	-53.37	-1.72	-2.09	-13.00	-44.18
241.46	-49.93	-50.90	3.67	-2.70	-13.00	-36.93
308.39	-57.38	-58.17	3.83	-3.04	-13.00	-44.38
359.80	-62.15	-63.08	4.21	-3.29	-13.00	-49.15
480.08	-65.06	-65.27	4.00	-3.79	-13.00	-52.06
1415.00	-58.40	-59.60	7.65	-6.46	-13.00	-45.40
2122.50	-57.51	-59.10	9.58	-7.99	-13.00	-44.51

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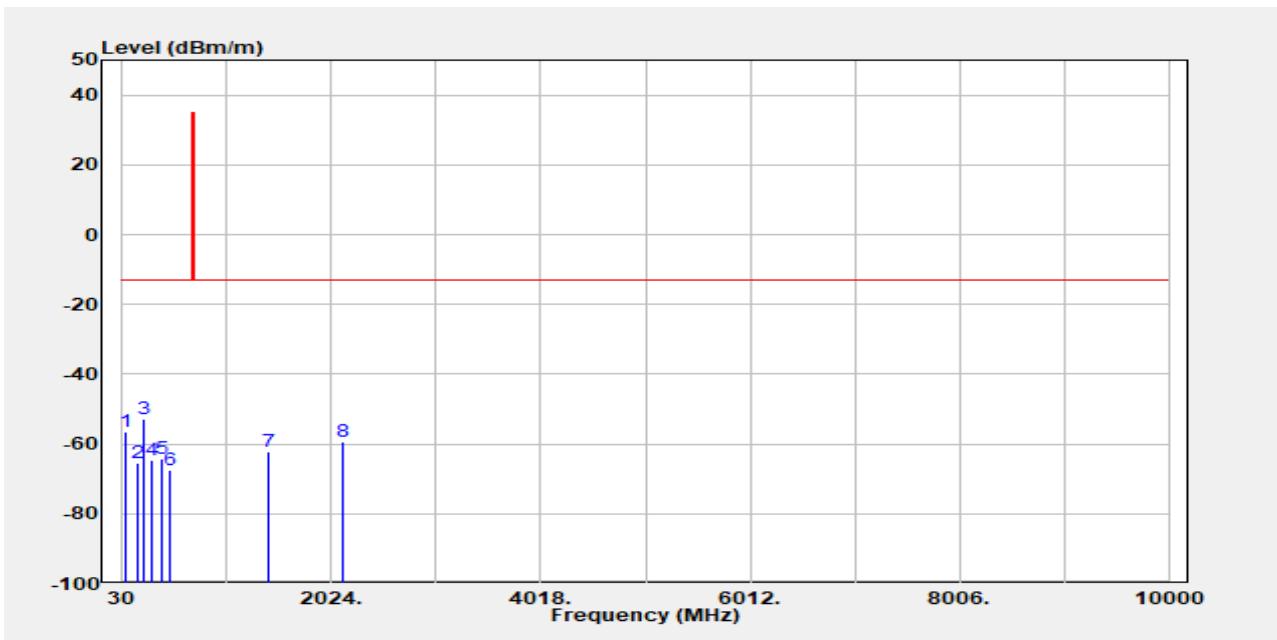
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B12 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :711 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-56.51	-44.66	-10.54	-1.31	-13.00	-43.51
173.56	-65.49	-63.59	0.38	-2.28	-13.00	-52.49
242.43	-52.70	-53.66	3.67	-2.70	-13.00	-39.70
309.36	-64.79	-65.56	3.82	-3.05	-13.00	-51.79
399.57	-64.33	-64.79	3.92	-3.46	-13.00	-51.33
480.08	-67.57	-67.78	4.00	-3.79	-13.00	-54.57
1422.00	-62.24	-63.47	7.70	-6.47	-13.00	-49.24
2133.00	-59.15	-60.64	9.50	-8.01	-13.00	-46.15

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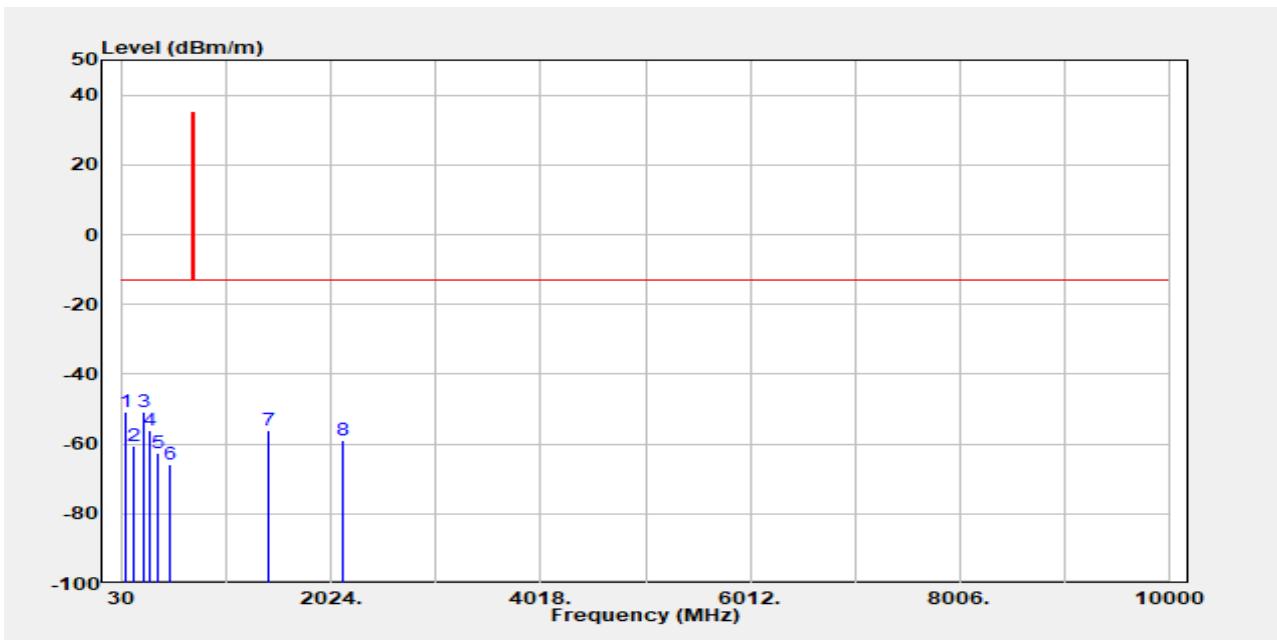
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B12 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :711 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.87	-39.02	-10.54	-1.31	-13.00	-37.87
144.46	-60.40	-56.50	-1.82	-2.08	-13.00	-47.40
242.43	-50.83	-51.80	3.67	-2.70	-13.00	-37.83
292.87	-55.96	-56.76	3.76	-2.96	-13.00	-42.96
359.80	-62.77	-63.69	4.21	-3.29	-13.00	-49.77
480.08	-65.87	-66.08	4.00	-3.79	-13.00	-52.87
1422.00	-56.15	-57.38	7.70	-6.47	-13.00	-43.15
2133.00	-58.88	-60.37	9.50	-8.01	-13.00	-45.88

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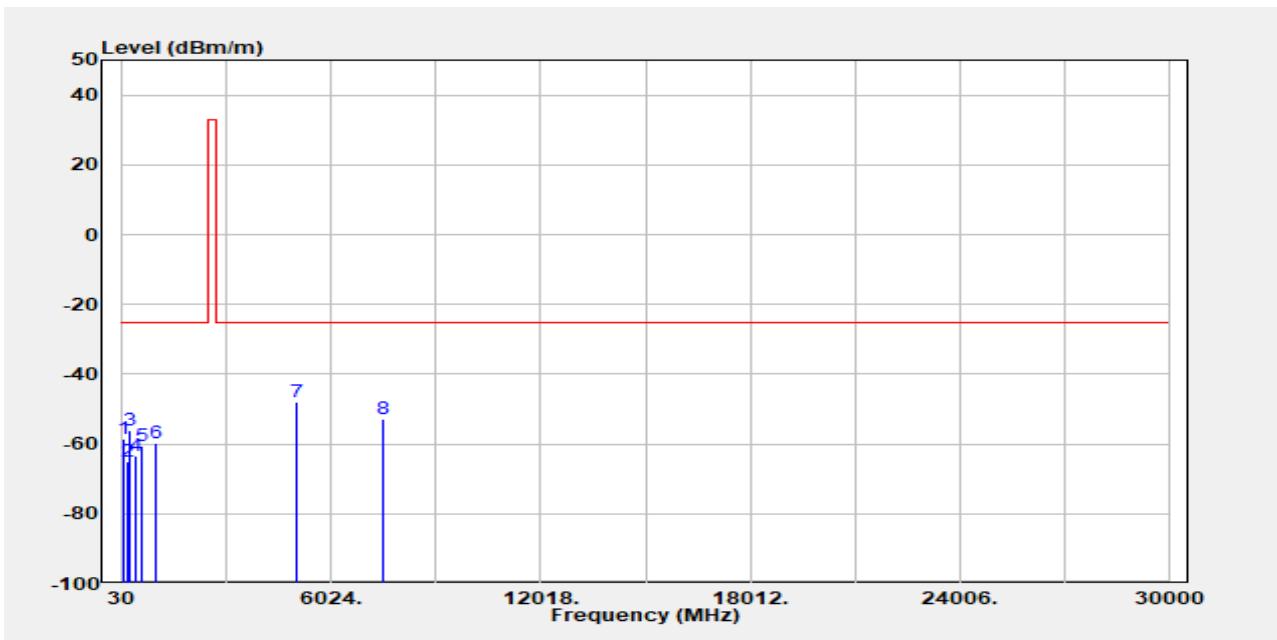
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B41 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :2506 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.37	-46.52	-10.54	-1.31	-25.00	-33.37
176.47	-64.84	-63.25	0.71	-2.30	-25.00	-39.84
243.40	-56.23	-57.19	3.67	-2.71	-25.00	-31.23
399.57	-63.59	-64.05	3.92	-3.46	-25.00	-38.59
600.36	-60.58	-59.88	3.53	-4.23	-25.00	-35.58
960.23	-59.64	-57.52	3.23	-5.35	-25.00	-34.64
5012.00	-48.05	-47.97	12.40	-12.48	-25.00	-23.05
7518.00	-52.87	-48.47	11.04	-15.44	-25.00	-27.87

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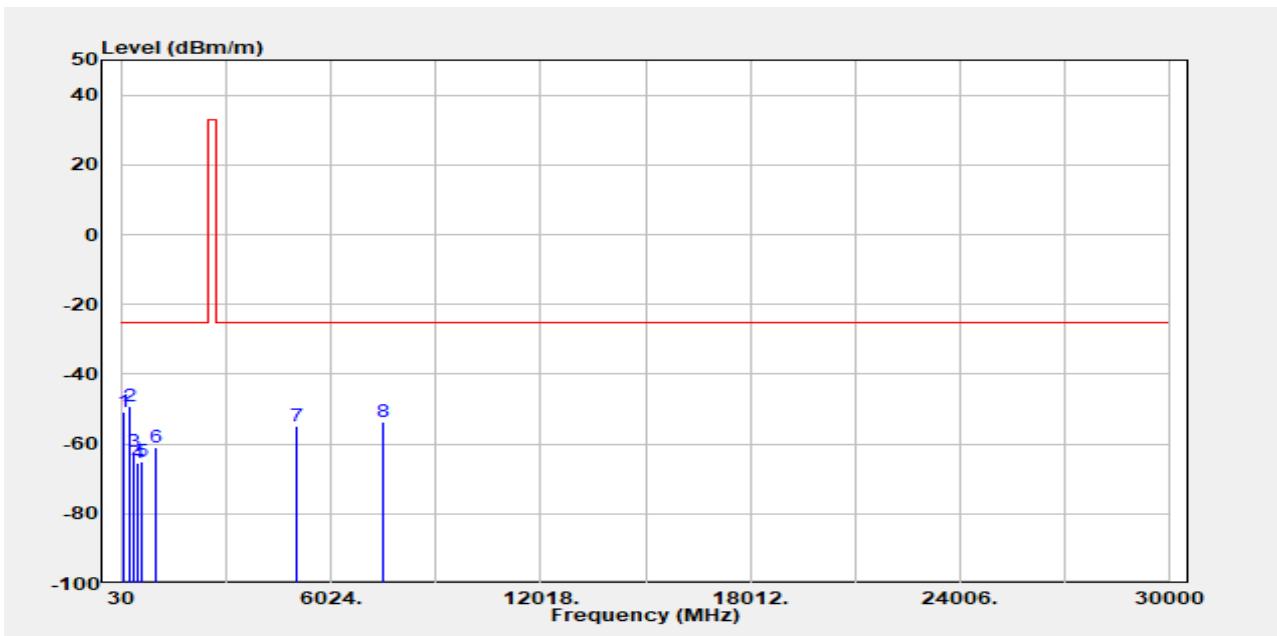
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B41 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :2506 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.86	-39.01	-10.54	-1.31	-25.00	-25.86
244.37	-49.39	-50.34	3.66	-2.71	-25.00	-24.39
359.80	-62.37	-63.30	4.21	-3.29	-25.00	-37.37
479.11	-65.40	-65.61	4.00	-3.79	-25.00	-40.40
600.36	-65.09	-64.39	3.53	-4.23	-25.00	-40.09
960.23	-60.91	-58.79	3.23	-5.35	-25.00	-35.91
5012.00	-54.69	-54.61	12.40	-12.48	-25.00	-29.69
7518.00	-53.72	-49.33	11.04	-15.44	-25.00	-28.72

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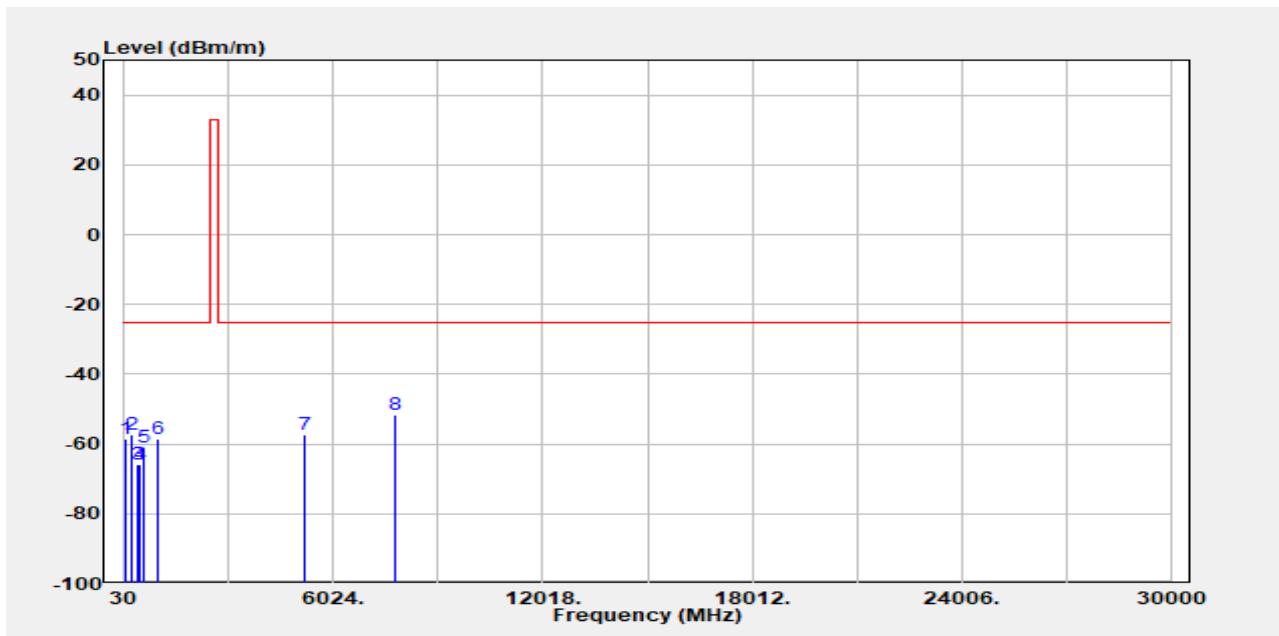
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B41 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :2593 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.60	-46.75	-10.54	-1.31	-25.00	-33.60
241.46	-57.15	-58.13	3.67	-2.70	-25.00	-32.15
399.57	-65.75	-66.21	3.92	-3.46	-25.00	-40.75
480.08	-65.89	-66.10	4.00	-3.79	-25.00	-40.89
598.42	-60.85	-60.20	3.58	-4.23	-25.00	-35.85
998.06	-58.61	-56.56	3.40	-5.45	-25.00	-33.61
5186.00	-57.13	-56.98	12.54	-12.69	393.00	-450.13
7779.00	-51.73	-47.43	11.40	-15.70	393.00	-444.73

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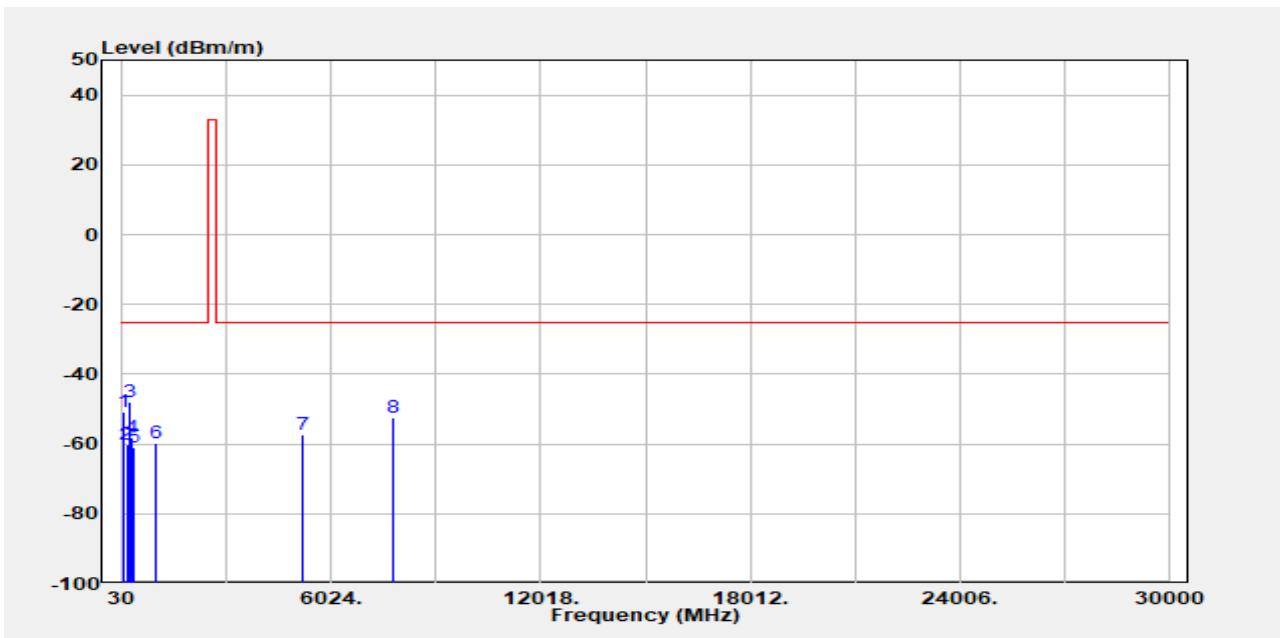
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B41 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :2593 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-50.89	-39.04	-10.54	-1.31	-25.00	-25.89
152.22	-60.35	-56.67	-1.55	-2.14	-25.00	-35.35
243.40	-48.11	-49.07	3.67	-2.71	-25.00	-23.11
309.36	-58.02	-58.79	3.82	-3.05	-25.00	-33.02
359.80	-61.17	-62.10	4.21	-3.29	-25.00	-36.17
960.23	-59.92	-57.80	3.23	-5.35	-25.00	-34.92
5186.00	-57.31	-57.16	12.54	-12.69	393.00	-450.31
7779.00	-52.42	-48.12	11.40	-15.70	393.00	-445.42

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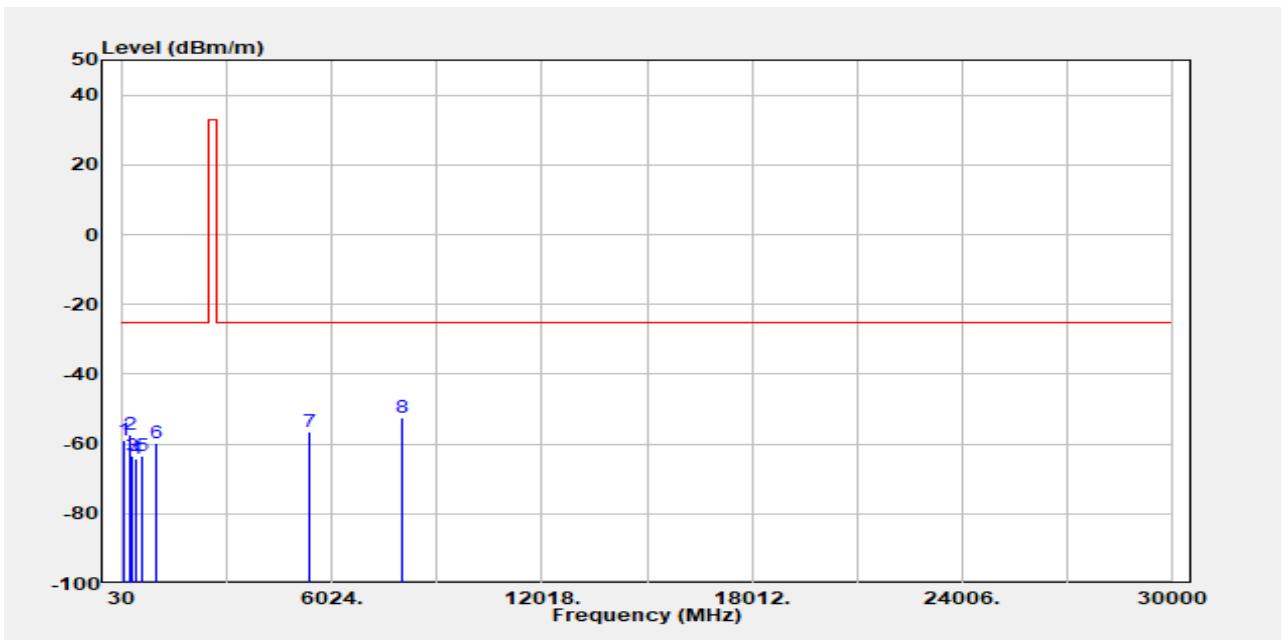
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B41 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Vertical  
Test Frequency :2680 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
57.16	-58.83	-46.98	-10.54	-1.31	-25.00	-33.83
238.55	-57.12	-58.22	3.77	-2.68	-25.00	-32.12
309.36	-63.56	-64.33	3.82	-3.05	-25.00	-38.56
398.60	-64.04	-64.50	3.92	-3.45	-25.00	-39.04
599.39	-63.22	-62.55	3.56	-4.23	-25.00	-38.22
960.23	-59.74	-57.63	3.23	-5.35	-25.00	-34.74
5360.00	-56.31	-56.48	13.08	-12.91	-25.00	-31.31
8040.00	-52.37	-47.29	10.90	-15.98	-25.00	-27.37

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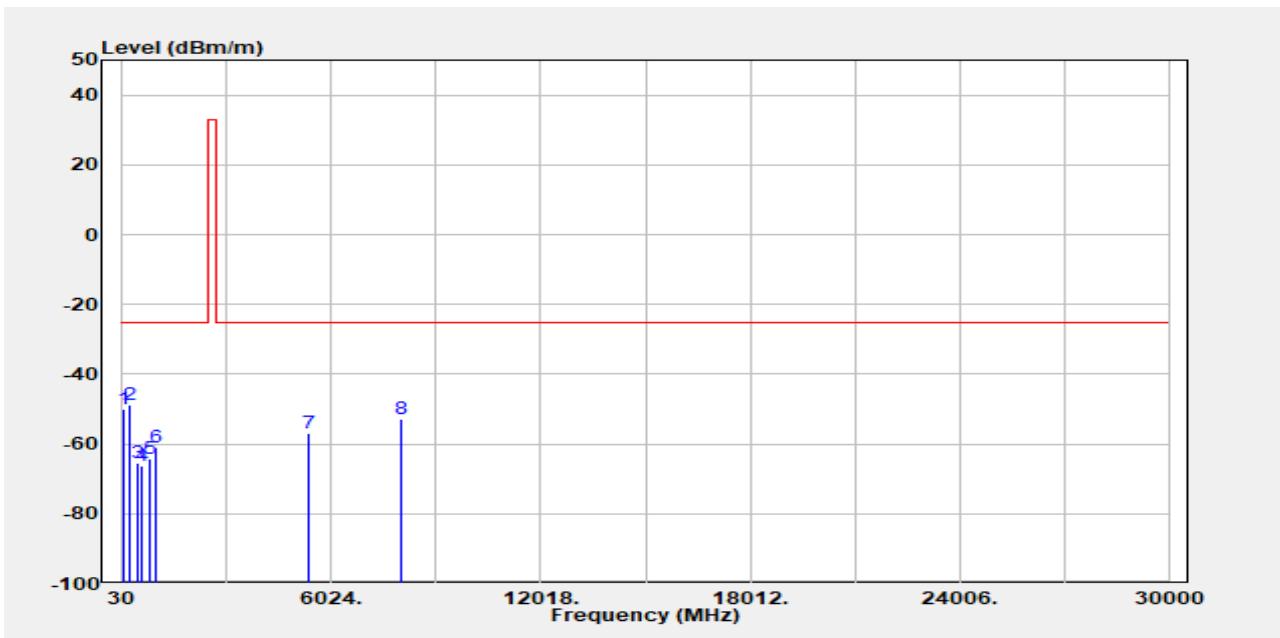
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Report Number :TERF2506001854ER Test Site :SAC C  
Operation Mode :LTE B41 Test Date :2025-06-25  
Test Mode :Tx Temp./Humi. :25.1°C/61%  
EUT Pol :E2 Plane Antenna Pol. :Horizontal  
Test Frequency :2680 MHz Engineer :Alex Li



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
56.19	-50.12	-38.02	-10.81	-1.29	-25.00	-25.12
245.34	-48.68	-49.62	3.66	-2.72	-25.00	-23.68
480.08	-65.27	-65.48	4.00	-3.79	-25.00	-40.27
598.42	-66.32	-65.67	3.58	-4.23	-25.00	-41.32
798.24	-64.31	-62.79	3.36	-4.87	-25.00	-39.31
960.23	-60.84	-58.72	3.23	-5.35	-25.00	-35.84
5360.00	-57.05	-57.22	13.08	-12.91	-25.00	-32.05
8040.00	-53.00	-47.92	10.90	-15.98	-25.00	-28.00

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## 6 FREQUENCY STABILITY MEASUREMENT

**Note:** The battery is rated 3.8V dc.

### Part22

Reference Freq.:	LTE B5 Mid Channel		836.5000	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
<b>Freq. ERROR vs. VOLTAGE</b>				
4.37	20	836.499991	-0.0105	+/- 2.5 ppm
3.8	20	836.500011	0.0126	
3.23	20	836.499985	-0.0177	
2.9	20	836.500009	0.0106	
(End Point)				
<b>Freq. ERROR vs. Temp.</b>				
3.8	-30	836.499986	-0.0172	+/- 2.5 ppm
3.8	-20	836.500015	0.0175	
3.8	-10	836.500003	0.0036	
3.8	0	836.499989	-0.0130	
3.8	10	836.499996	-0.0051	
3.8	20	836.500011	0.0132	
3.8	30	836.499982	-0.0220	
3.8	40	836.499982	-0.0221	
3.8	50	836.500006	0.0068	

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Part24

Reference Freq.:	LTE B2 Mid Channel		1880.0000	MHz 10M QPSK CH 18900	
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
4.37	20	1880.000009	0.0047	+/- 2.5 ppm	
3.8	20	1879.999984	-0.0085		
3.23	20	1879.999983	-0.0089		
2.9	20	1879.999996	-0.0020		
(End Point)					
<b>Freq. ERROR vs. Temp.</b>					
3.8	-30	1879.999998	-0.0009	+/- 2.5 ppm	
3.8	-20	1879.999985	-0.0079		
3.8	-10	1879.999994	-0.0033		
3.8	0	1880.000014	0.0075		
3.8	10	1880.000017	0.0093		
3.8	20	1879.999992	-0.0040		
3.8	30	1879.999987	-0.0070		
3.8	40	1879.999997	-0.0015		
3.8	50	1879.999995	-0.0026		

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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	
<b>Freq. ERROR vs. VOLTAGE</b>					
4.37	20	1732.499992	-0.0047	+/- 2.5 ppm	
3.8	20	1732.499989	-0.0065		
3.23	20	1732.499999	-0.0005		
2.9	20	1732.500006	0.0034		
(End Point)					
<b>Freq. ERROR vs. Temp.</b>					
3.8	-30	1732.500019	0.0108	+/- 2.5 ppm	
3.8	-20	1732.499999	-0.0006		
3.8	-10	1732.499998	-0.0014		
3.8	0	1732.499982	-0.0103		
3.8	10	1732.499997	-0.0016		
3.8	20	1732.500002	0.0011		
3.8	30	1732.500011	0.0063		
3.8	40	1732.500013	0.0077		
3.8	50	1732.500008	0.0044		
Reference Freq.:	LTE B12 Mid Channel		707.5000	MHz 10M QPSK CH 23095	
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
4.37	20	707.499994	-0.0085	+/- 2.5 ppm	
3.8	20	707.500013	0.0184		
3.23	20	707.499985	-0.0218		
2.9	20	707.500009	0.0123		
(End Point)					
<b>Freq. ERROR vs. Temp.</b>					
3.8	-30	707.499991	-0.0127	+/- 2.5 ppm	
3.8	-20	707.500004	0.0054		
3.8	-10	707.499984	-0.0228		
3.8	0	707.500002	0.0033		
3.8	10	707.500002	0.0033		
3.8	20	707.499980	-0.0278		
3.8	30	707.500013	0.0184		
3.8	40	707.500011	0.0153		
3.8	50	707.499990	-0.0137		

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Reference Freq.:	LTE B41 Mid Channel		2593.0000	MHz 10M QPSK CH 40620
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
<b>Freq. ERROR vs. VOLTAGE</b>				
4.37	20	2592.999996	-0.0014	+/- 2.5 ppm
3.8	20	2593.000006	0.0023	
3.23	20	2593.000019	0.0073	
2.9	20	2593.000000	0.0000	
(End Point)				
<b>Freq. ERROR vs. Temp.</b>				
3.8	-30	2593.000005	0.0018	+/- 2.5 ppm
3.8	-20	2592.999987	-0.0051	
3.8	-10	2592.999988	-0.0046	
3.8	0	2592.999981	-0.0073	
3.8	10	2592.999990	-0.0040	
3.8	20	2593.000005	0.0018	
3.8	30	2592.999988	-0.0047	
3.8	40	2592.999987	-0.0052	
3.8	50	2593.000005	0.0020	

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### Part22

LTE BAND 5							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
20407	824.7	<b>6.49</b>	13	20415	825.5	<b>6.67</b>	13
20525	836.5	6.24	13	20525	836.5	6.38	13
20643	848.3	6.42	13	20635	847.5	6.25	13
LTE BAND 5							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
20425	826.5	6.32	13	20450	829.0	6.51	13
20525	836.5	<b>6.49</b>	13	20525	836.5	6.29	13
20625	846.5	6.36	13	20600	844.0	<b>6.74</b>	13

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LTE BAND 2							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
18607	1850.7	<b>6.33</b>	13	18615	1851.5	<b>6.41</b>	13
18900	1880.0	5.72	13	18900	1880.0	6.33	13
19193	1909.3	5.81	13	19185	1908.5	6.07	13
LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
18625	1852.5	6.25	13	18650	1855.0	6.33	13
18900	1880.0	6.07	13	18900	1880.0	6.18	13
19175	1907.5	<b>6.35</b>	13	19150	1905.0	<b>6.35</b>	13
LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
18675	1857.5	5.99	13	18700	1860.0	<b>6.49</b>	13
18900	1880.0	5.84	13	18900	1880.0	5.70	13
19125	1902.5	<b>6.06</b>	13	19100	1900.0	6.26	13

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LTE BAND 4							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
19957	1710.7	<b>6.69</b>	13	19965	1711.5	6.71	13
20175	1732.5	6.61	13	20175	1732.5	<b>7.35</b>	13
20393	1754.3	6.03	13	20385	1753.5	6.11	13
LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
19975	1712.5	6.22	13	20000	1715.0	6.07	13
20175	1732.5	6.21	13	20175	1732.5	<b>6.61</b>	13
20375	1752.5	<b>6.24</b>	13	20350	1750.0	6.14	13
LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
20025	1717.5	<b>6.47</b>	13	20050	1720.0	<b>6.45</b>	13
20175	1732.5	6.27	13	20175	1732.5	6.36	13
20325	1747.5	6.24	13	20300	1745.0	<b>6.45</b>	13
LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
23017	699.7	6.39	13	23025	700.5	6.54	13
23095	707.5	<b>6.97</b>	13	23095	707.5	<b>6.77</b>	13
23173	715.3	6.66	13	23165	714.5	6.53	13
LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
23035	701.5	6.37	13	23060	704.0	6.74	13
23095	707.5	6.54	13	23095	707.5	<b>7.20</b>	13
23155	713.5	<b>6.57</b>	13	23130	711.0	6.71	13

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LTE BAND 41							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
39675	2498.5	6.34	13	39700	2501.0	6.26	13
40620	2593.0	<b>6.63</b>	13	40620	2593.0	<b>6.48</b>	13
41565	2687.5	6.05	13	41540	2685.0	6.03	13
LTE BAND 41							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
CH	Freq. (MHz)	PAPR (dB)		CH	Freq. (MHz)	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
39725	2503.5	<b>6.69</b>	13	39750	2506.0	<b>6.35</b>	13
40620	2593.0	<b>6.26</b>	13	40620	2593.0	<b>6.21</b>	13
41515	2682.5	5.88	13	41490	2680.0	6.01	13

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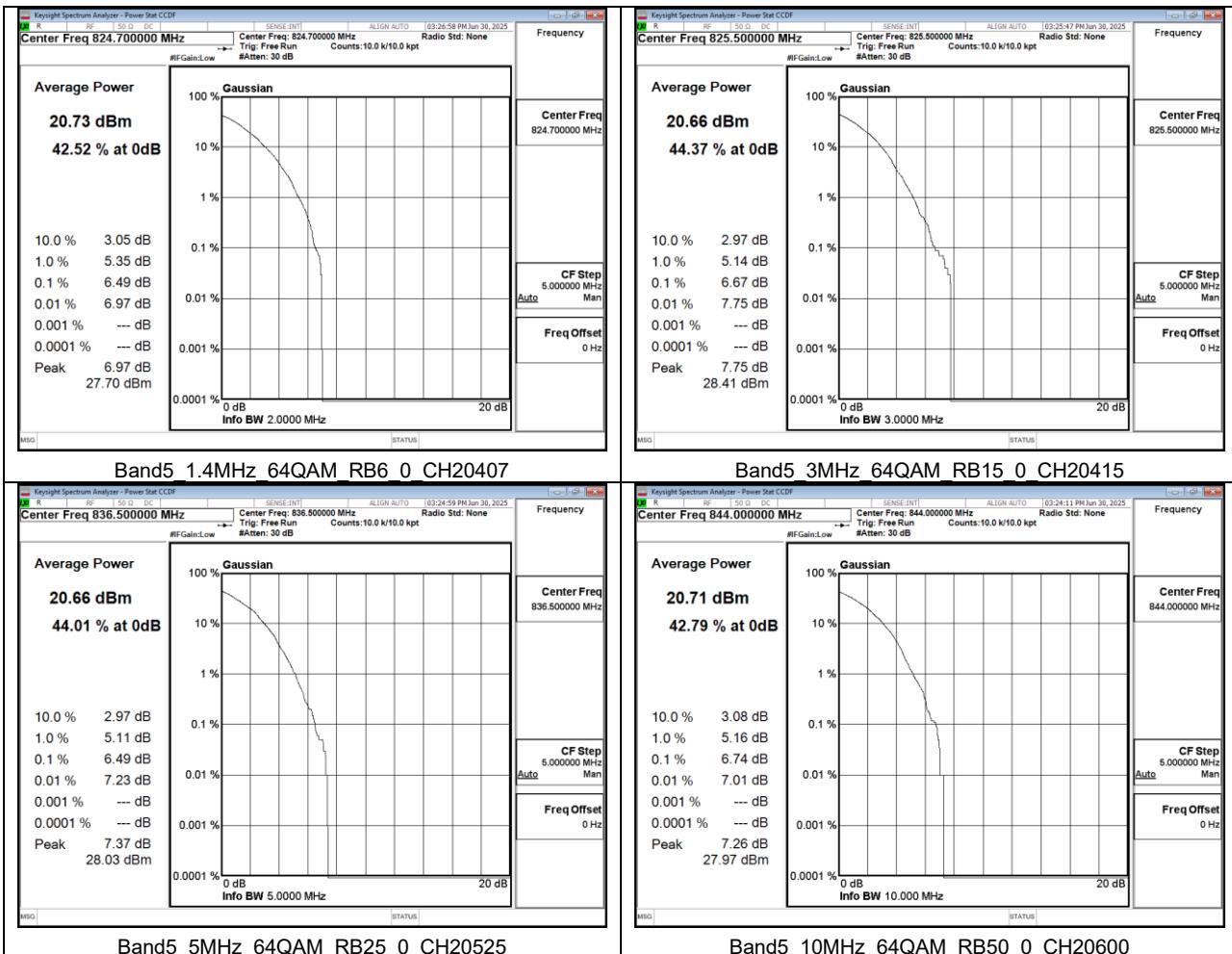
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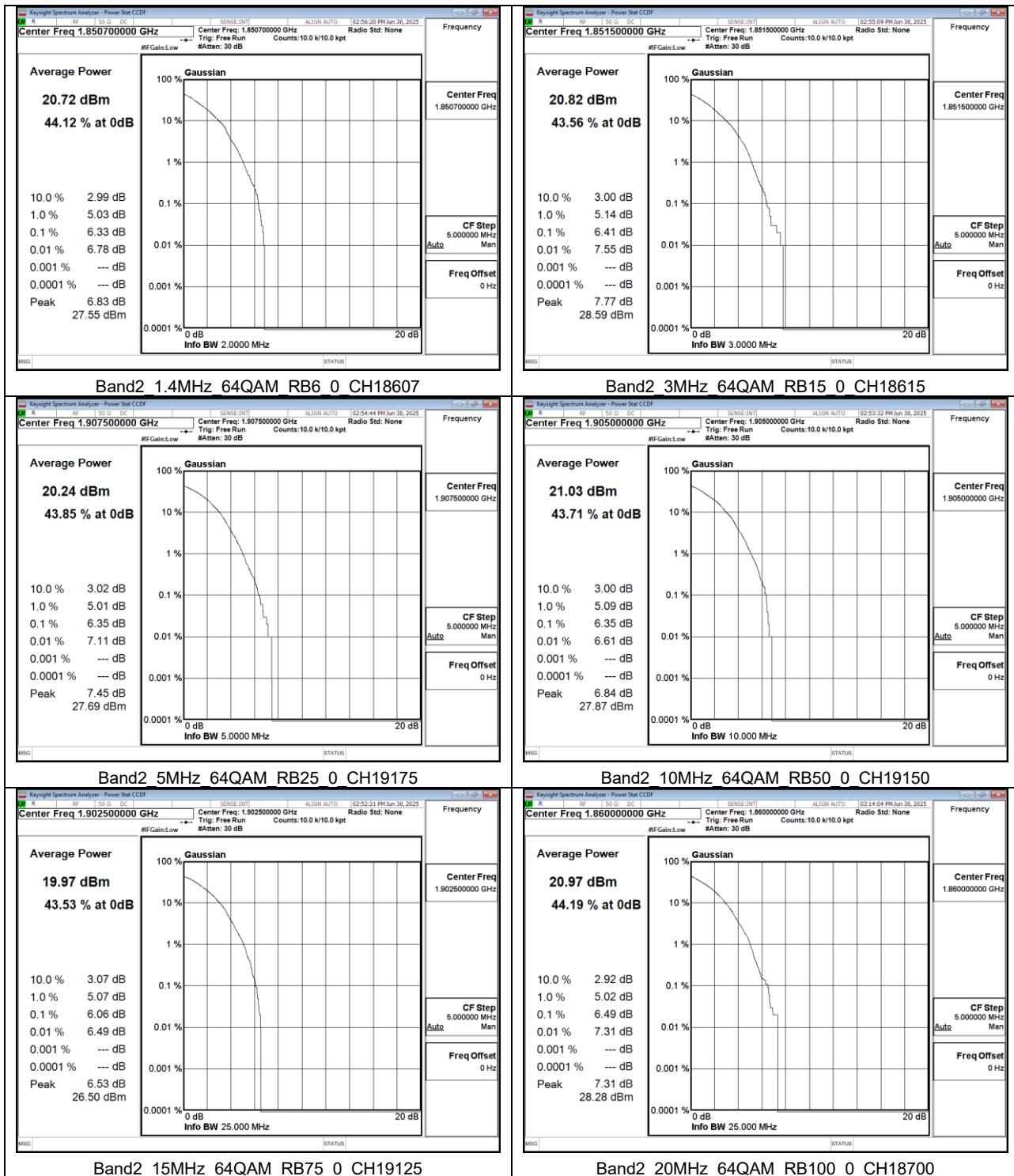
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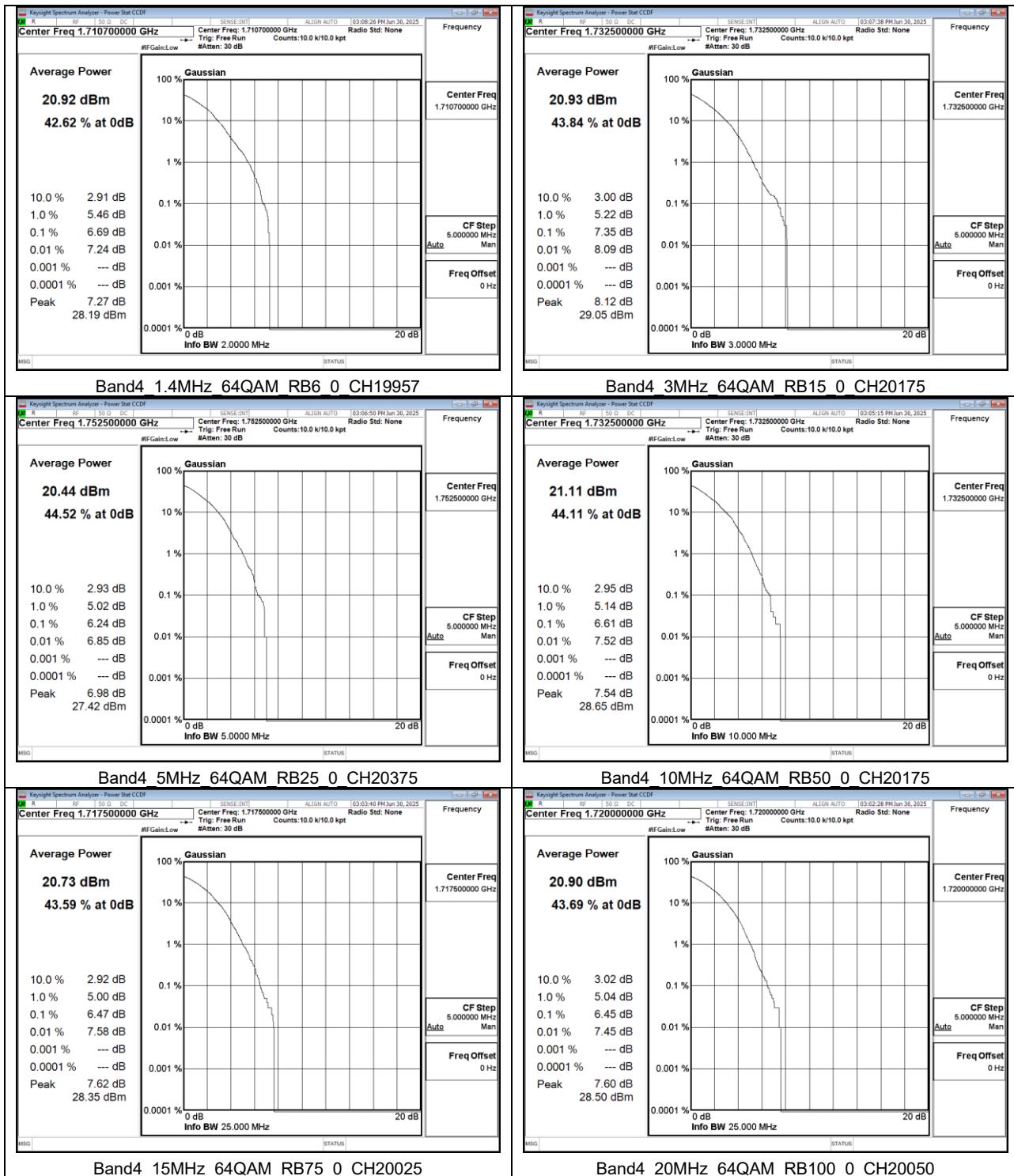
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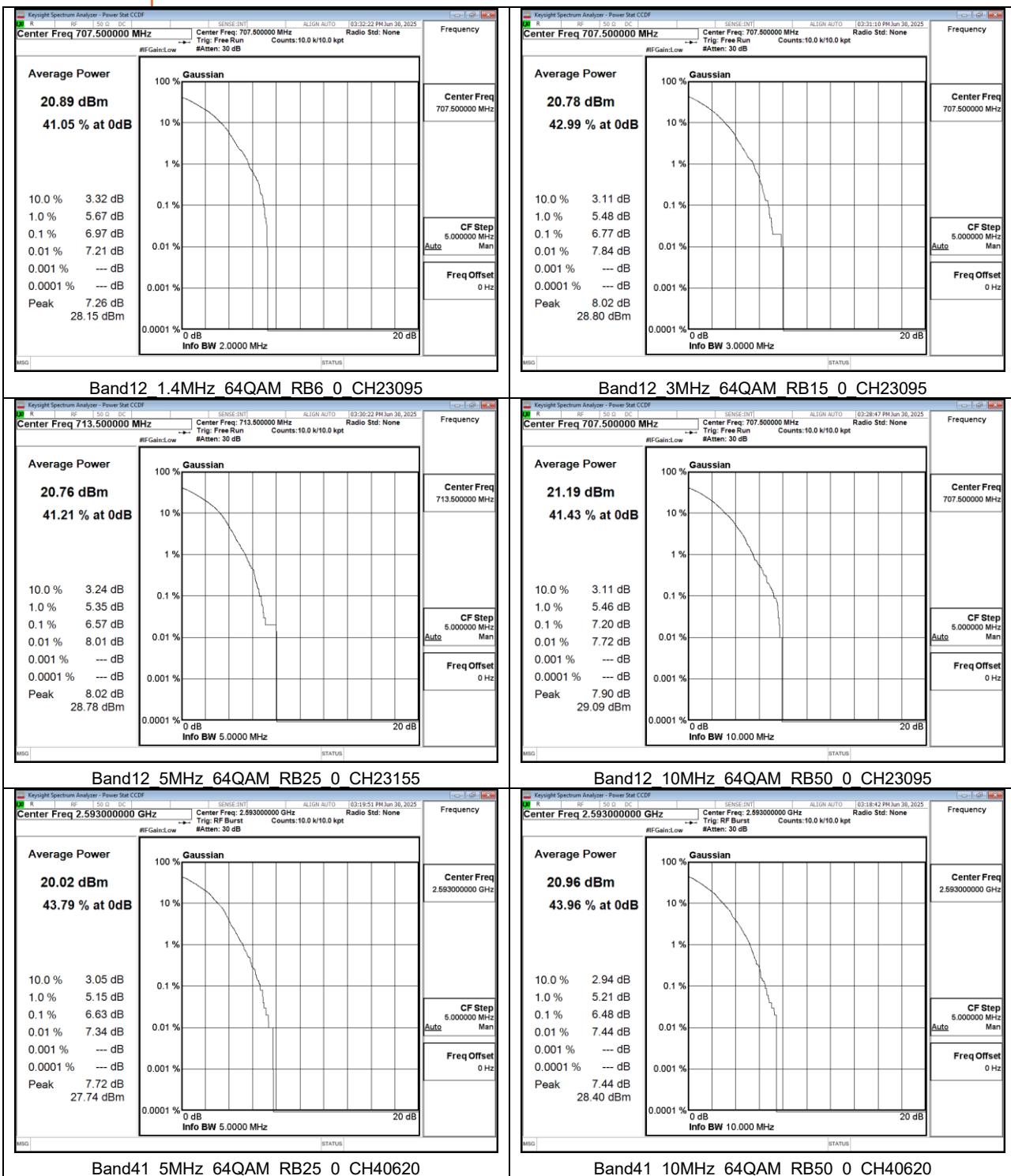
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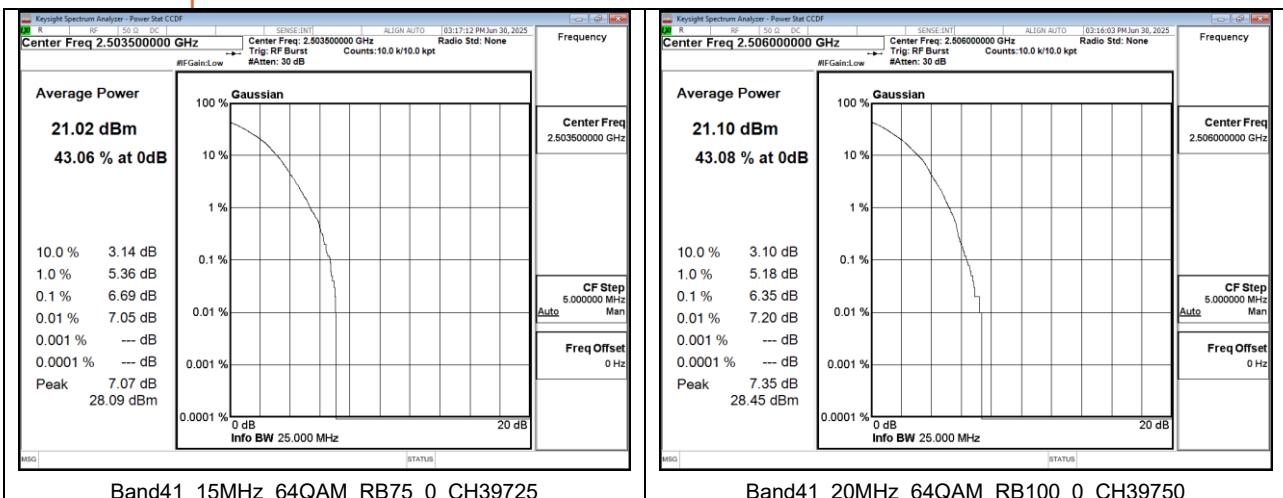
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~ End of Report ~

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