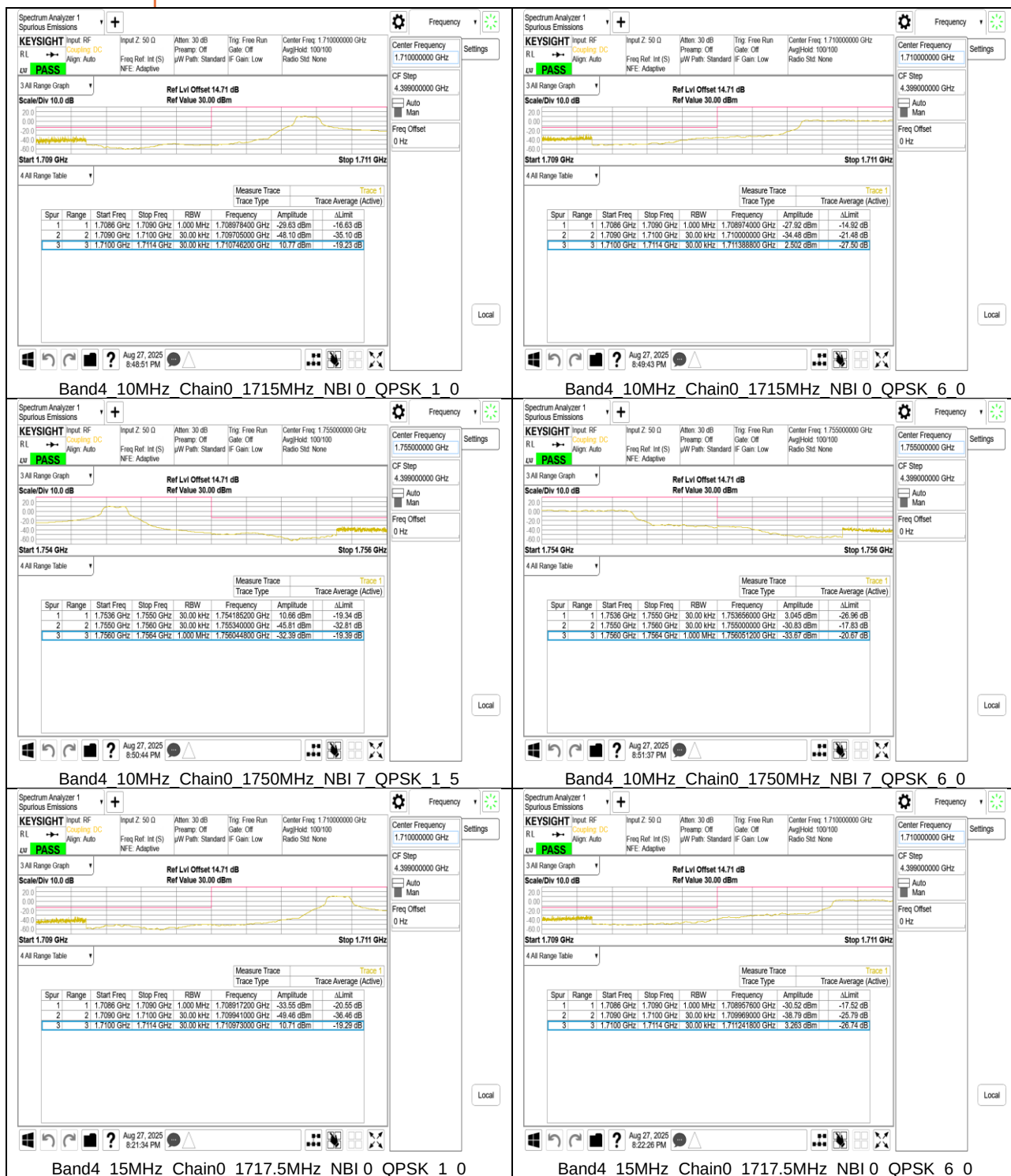
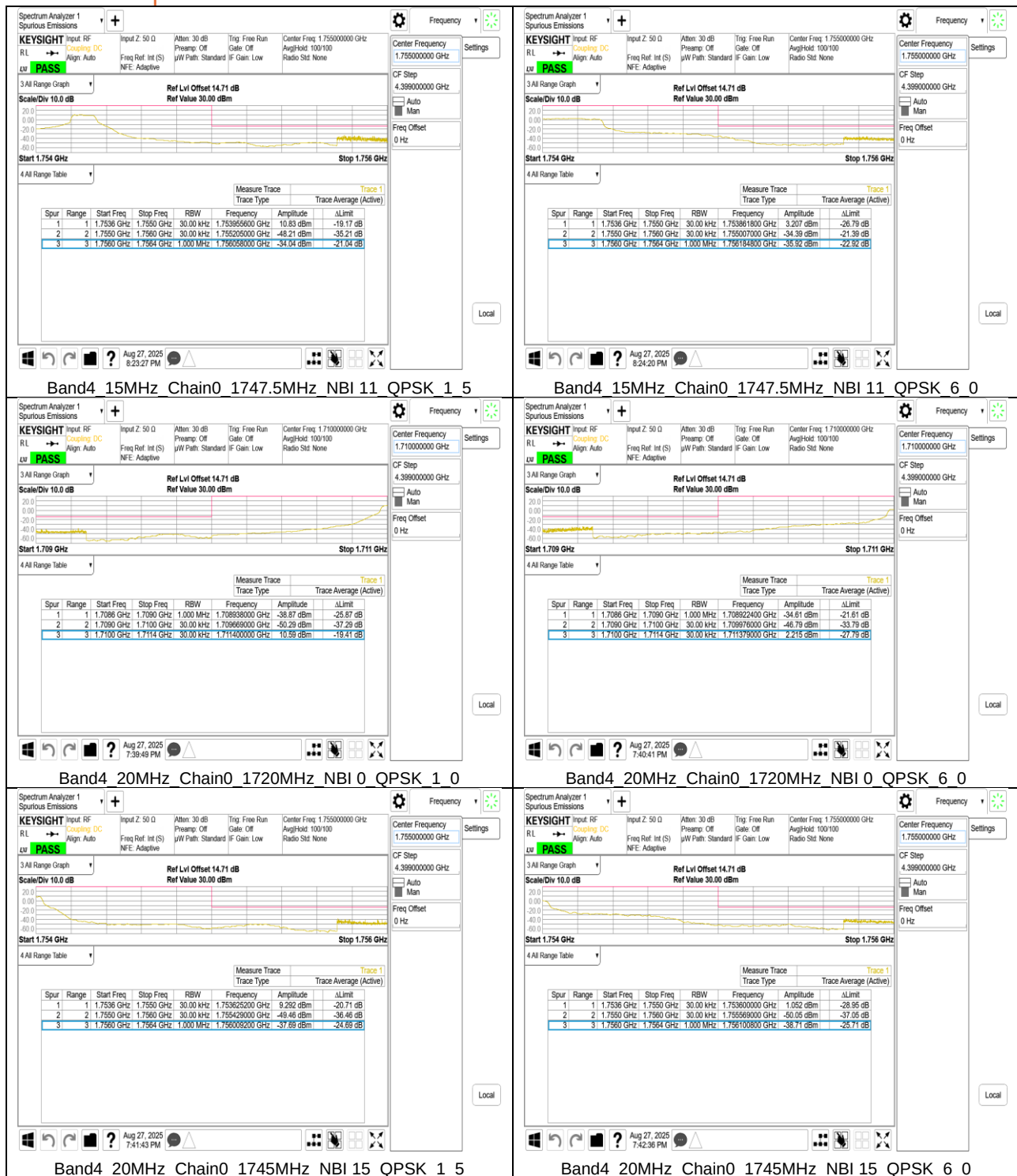




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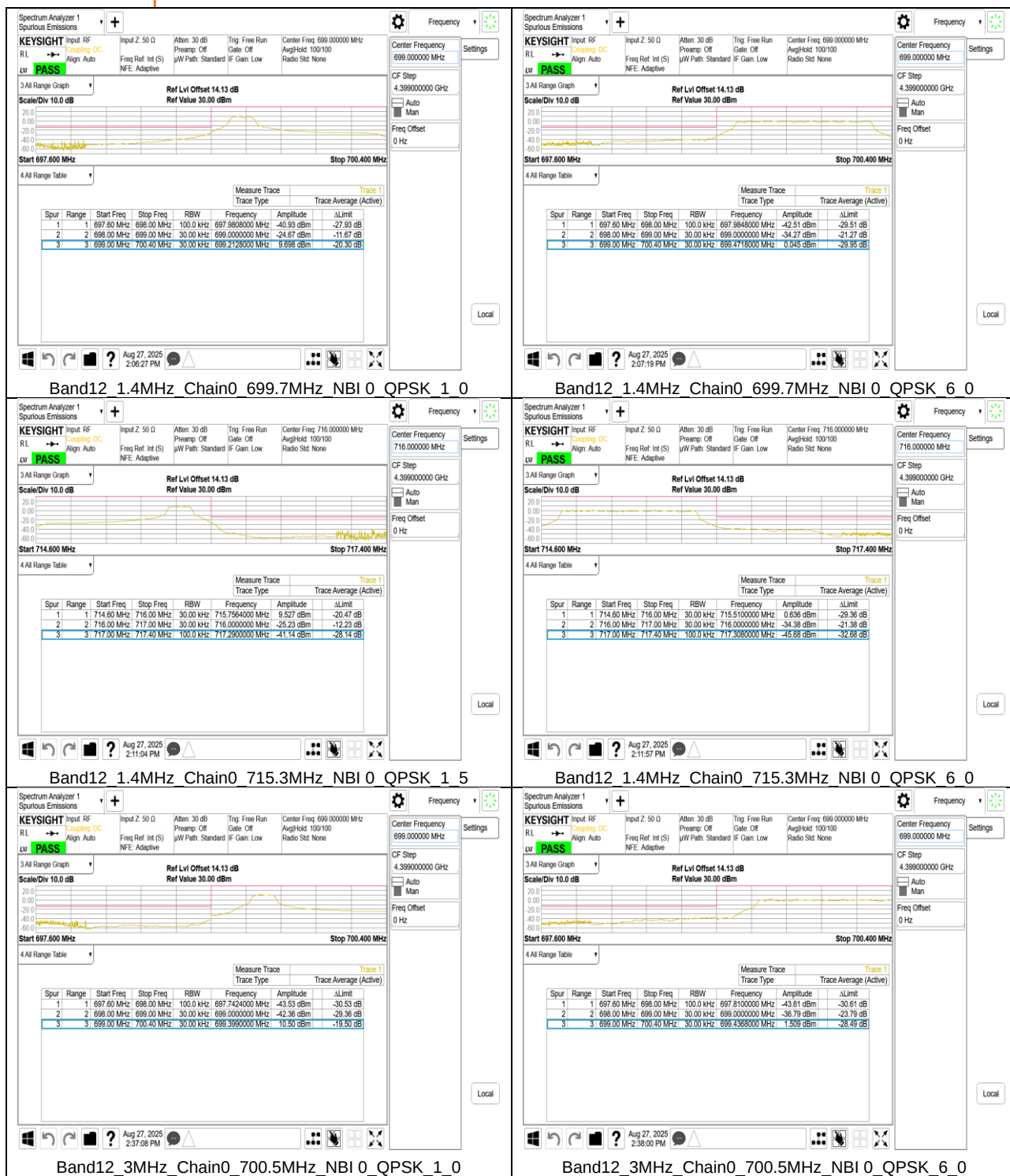
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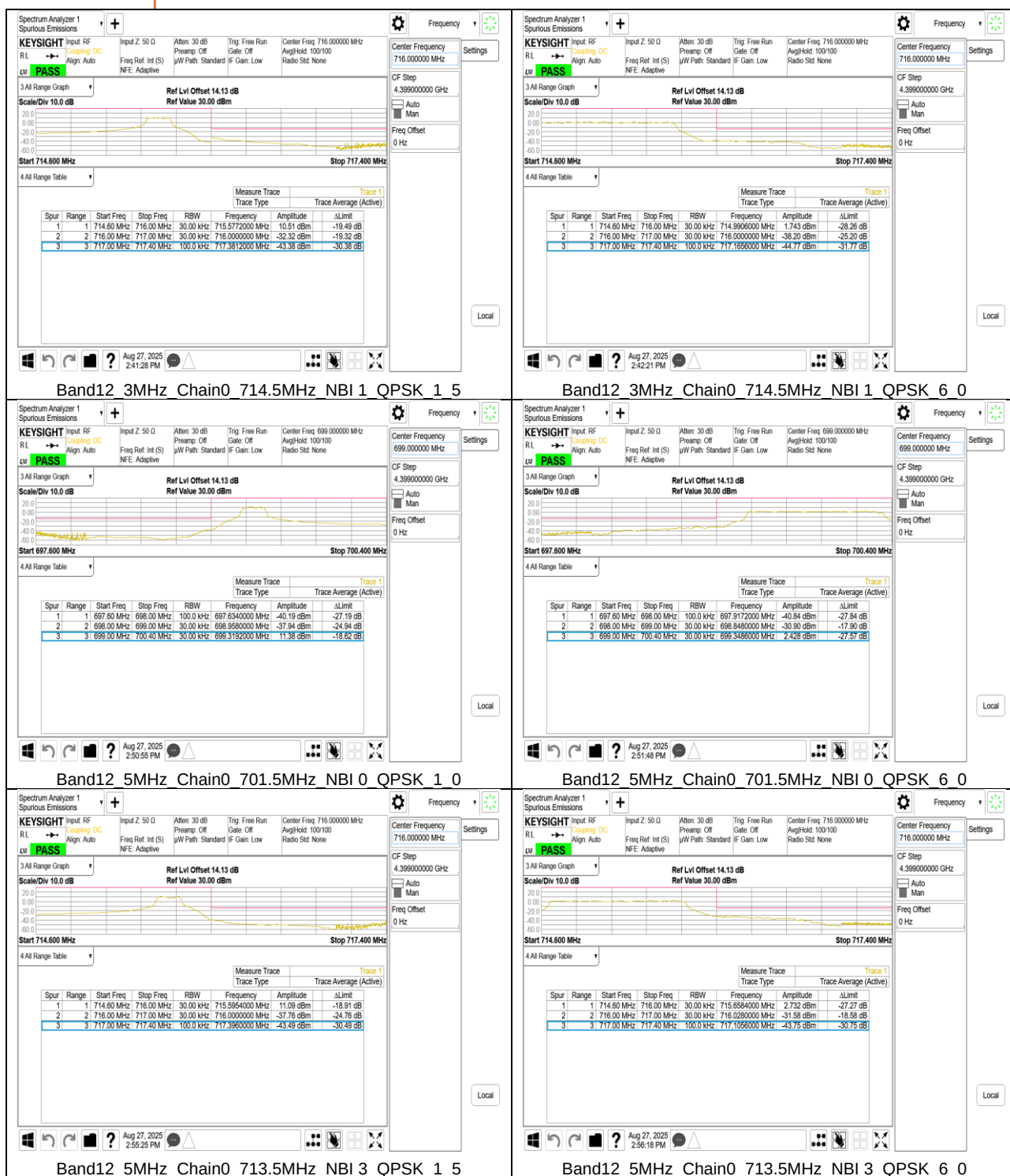
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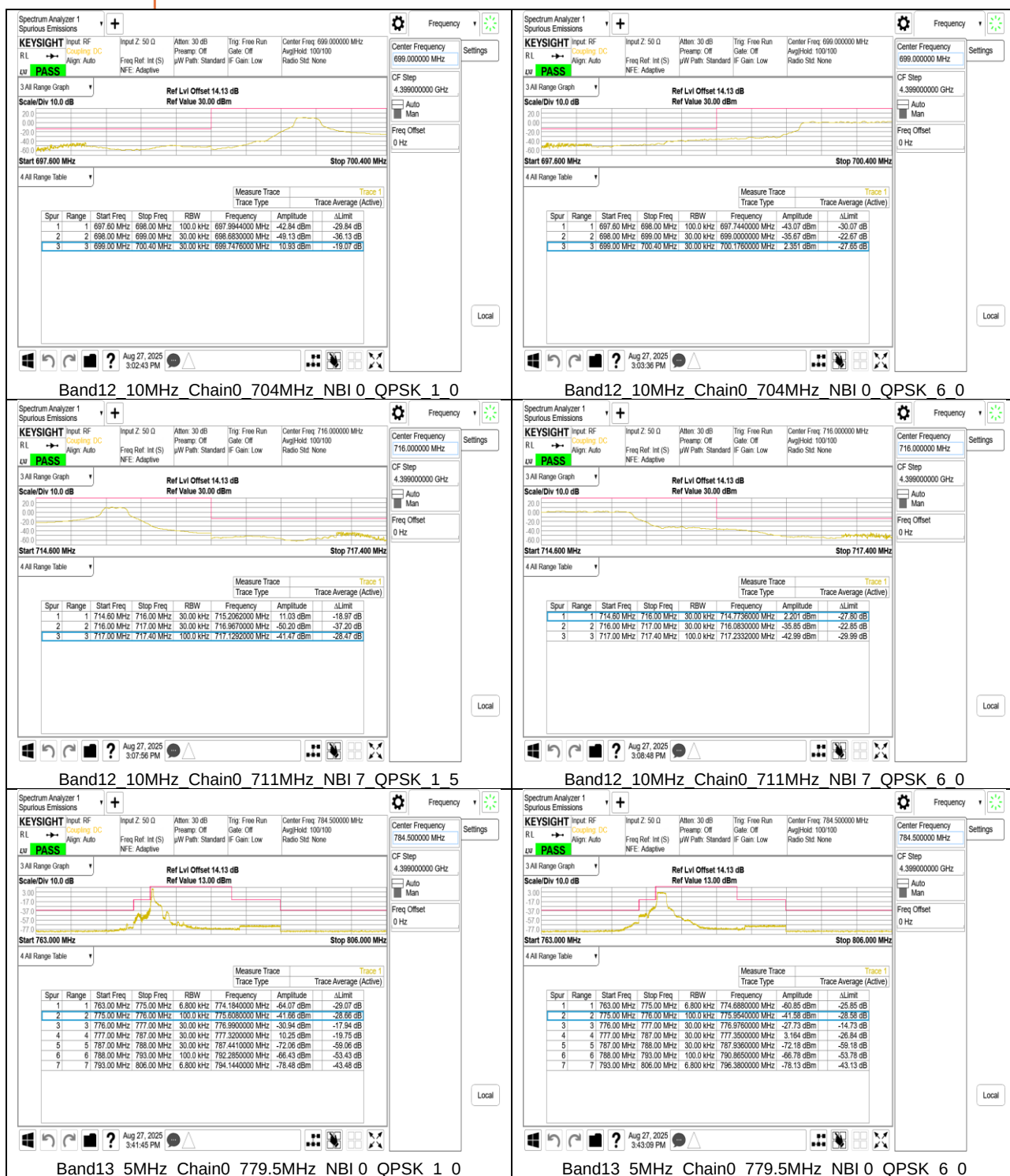
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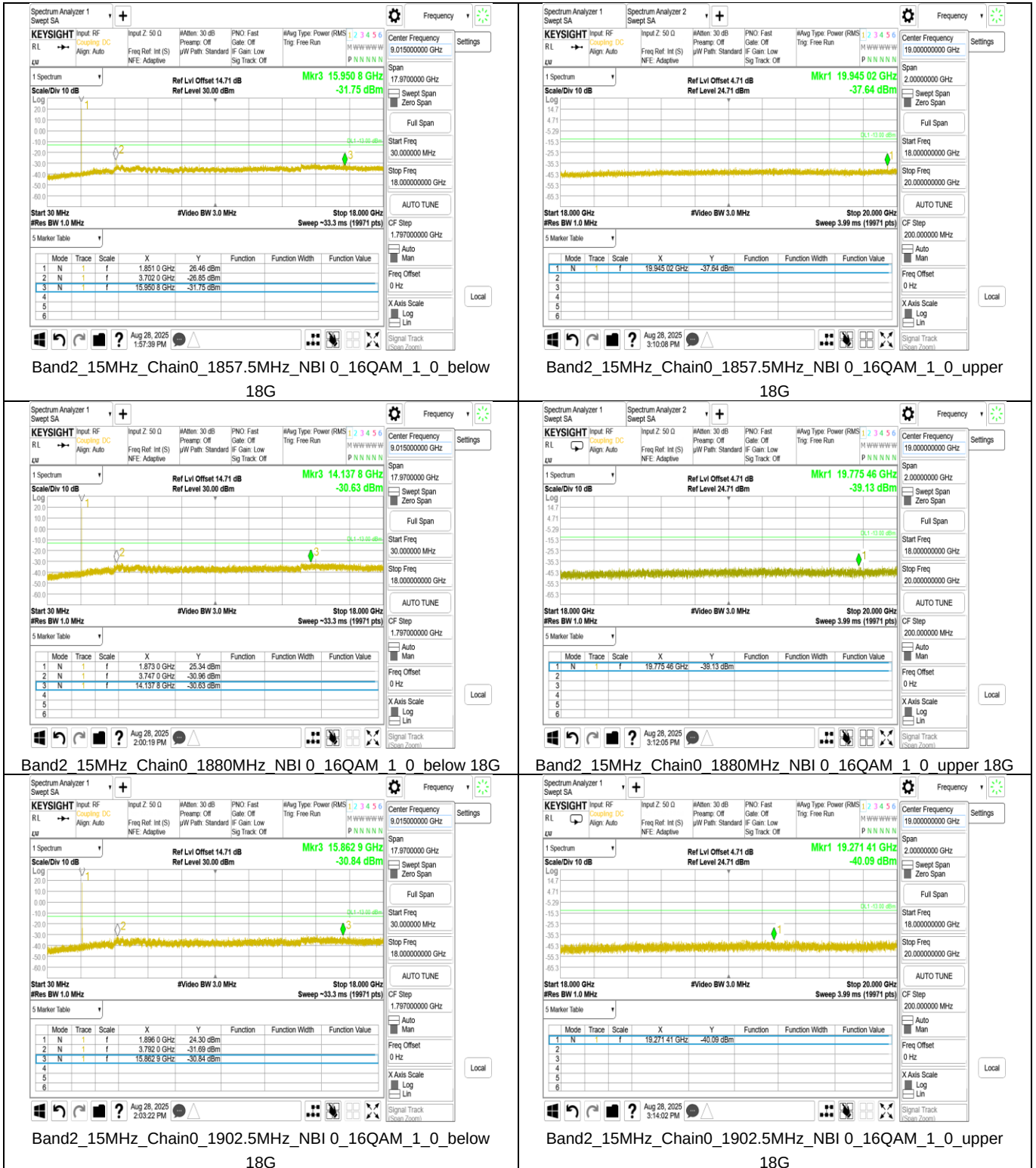


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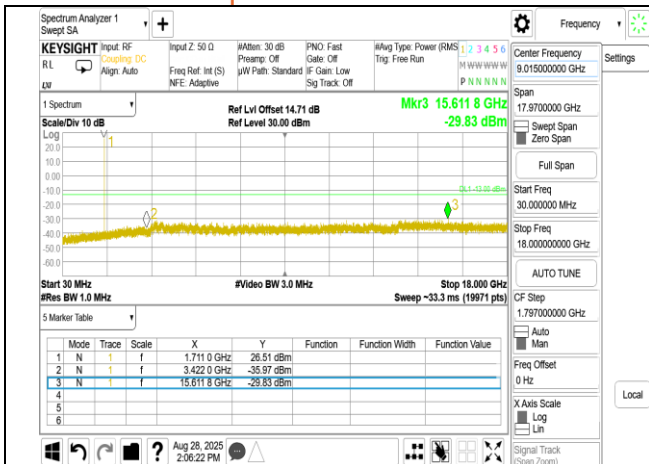
7.4 Spurious Emission At Antenna Terminals



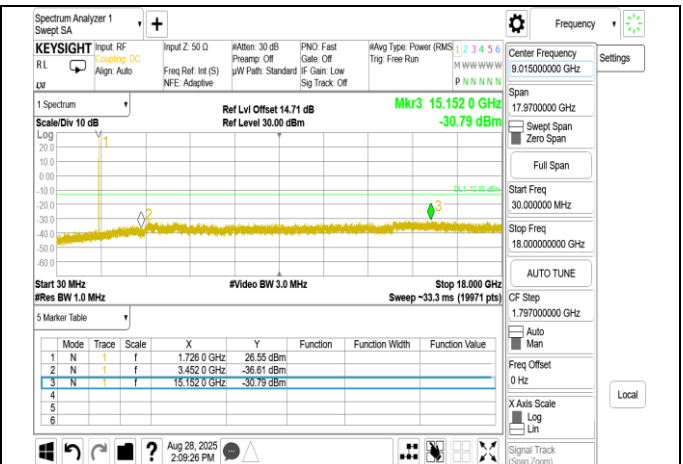
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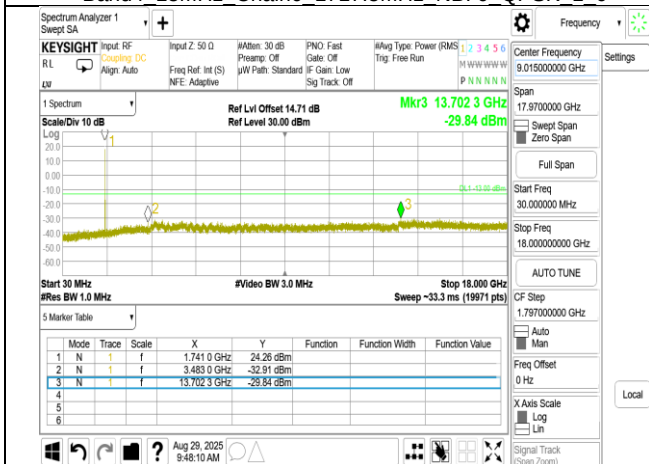
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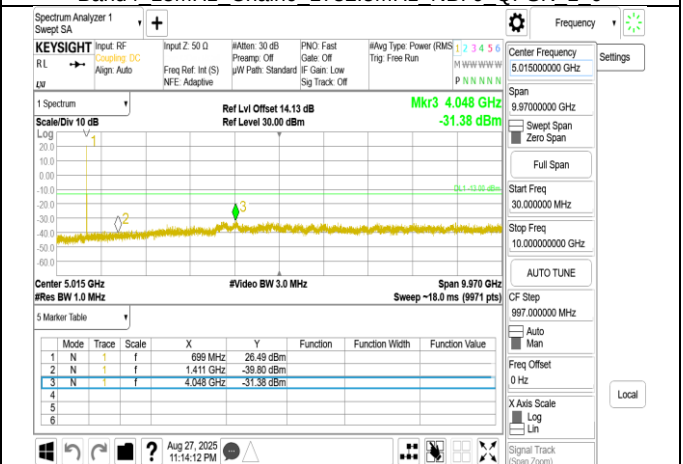
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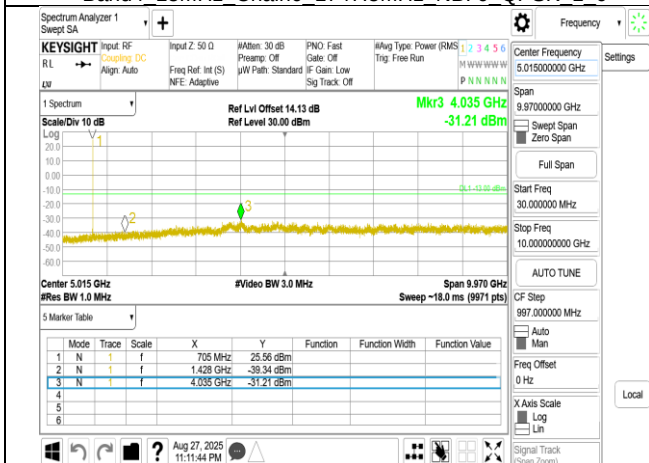
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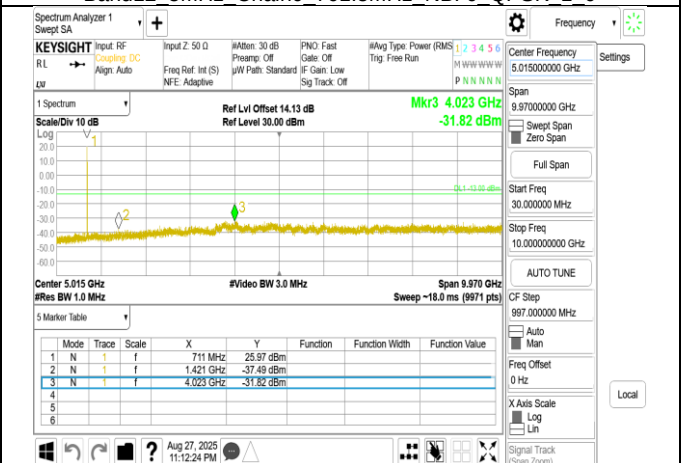
Band4 15MHz Chain0 1747.5MHz NBI 0 QPSK 1 0



Band12 5MHz Chain0 701.5MHz NBI 0 QPSK 1 0



Band12 5MHz Chain0 707.5MHz NBI 0 QPSK 1 0

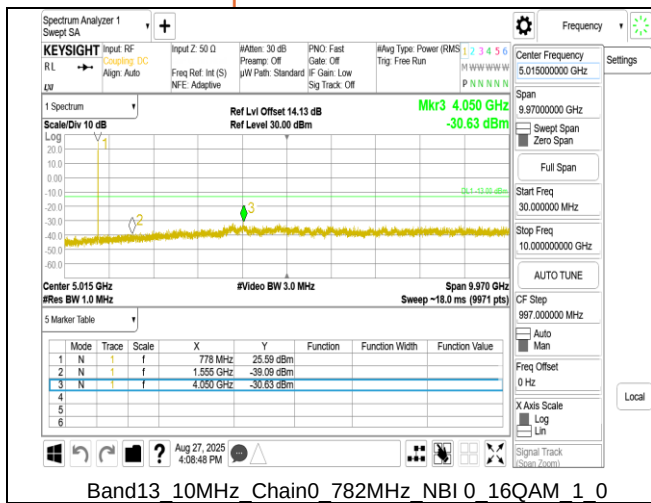


Band12 5MHz Chain0 713.5MHz NBI 0 QPSK 1 0

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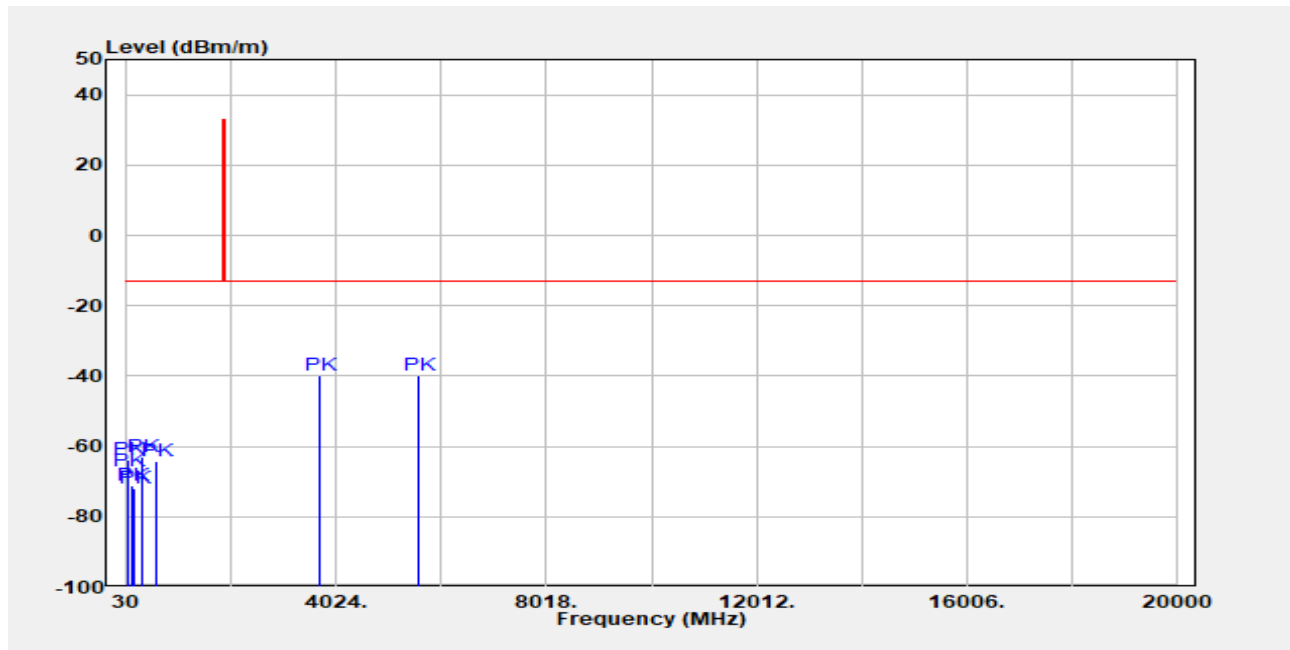
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7.5 Field Strength Of Spurious Radiation

Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B2
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1857.5 MHz

Test Site :SAC 1
 Test Date :5025-08-28
 Temp./Humi. :23.5°C/55%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
40.67	-63.65	-51.90	-10.58	-1.17	-13.00	-50.65
60.07	-67.17	-58.18	-7.57	-1.42	-13.00	-54.17
131.85	-71.01	-69.82	0.92	-2.10	-13.00	-58.01
180.35	-71.75	-73.09	3.79	-2.45	-13.00	-58.75
302.57	-63.16	-66.29	6.30	-3.17	-13.00	-50.16
599.39	-64.34	-66.07	6.19	-4.47	-13.00	-51.34
3715.00	-39.77	-40.93	12.47	-11.31	-13.00	-26.77
5572.50	-39.91	-38.94	12.99	-13.96	-13.00	-26.91

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SGS Taiwan Ltd.

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

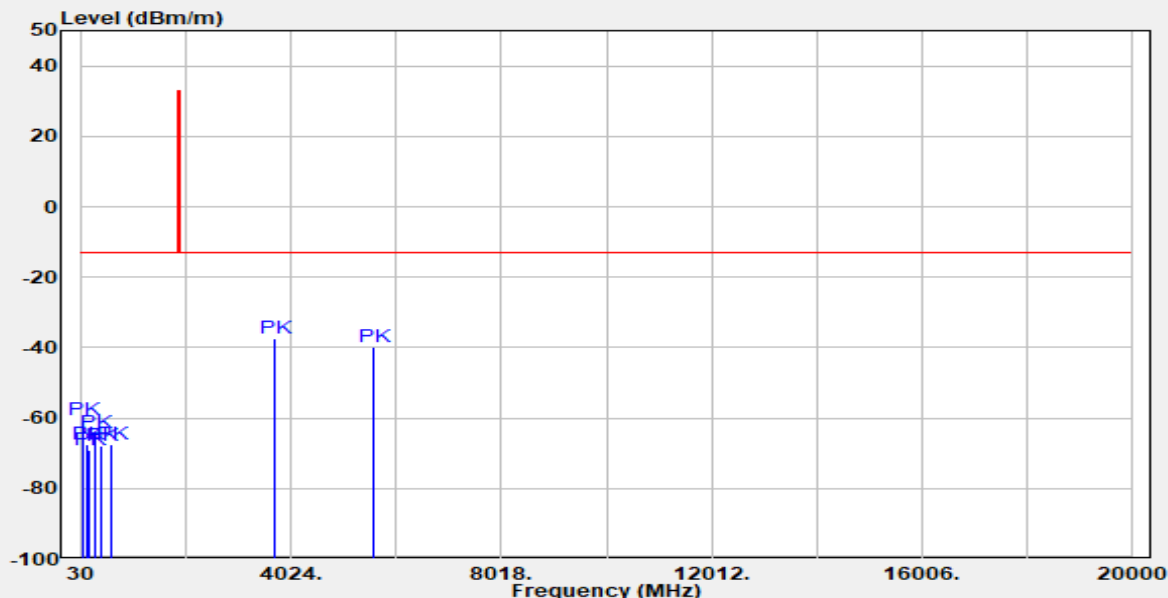
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B2
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1857.5 MHz

Test Site :SAC 1
 Test Date :5025-08-28
 Temp./Humi. :23.5°C/55%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
48.43	-60.68	-49.43	-9.97	-1.28	-13.00	-47.68
120.21	-67.54	-66.69	1.15	-2.00	-13.00	-54.54
175.50	-69.03	-69.47	2.87	-2.42	-13.00	-56.03
298.69	-64.12	-67.23	6.26	-3.15	-13.00	-51.12
390.84	-67.97	-70.90	6.53	-3.61	-13.00	-54.97
598.42	-67.34	-69.07	6.20	-4.46	-13.00	-54.34
3715.00	-37.35	-38.51	12.47	-11.31	-13.00	-24.35
5572.50	-39.83	-38.86	12.99	-13.96	-13.00	-26.83

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

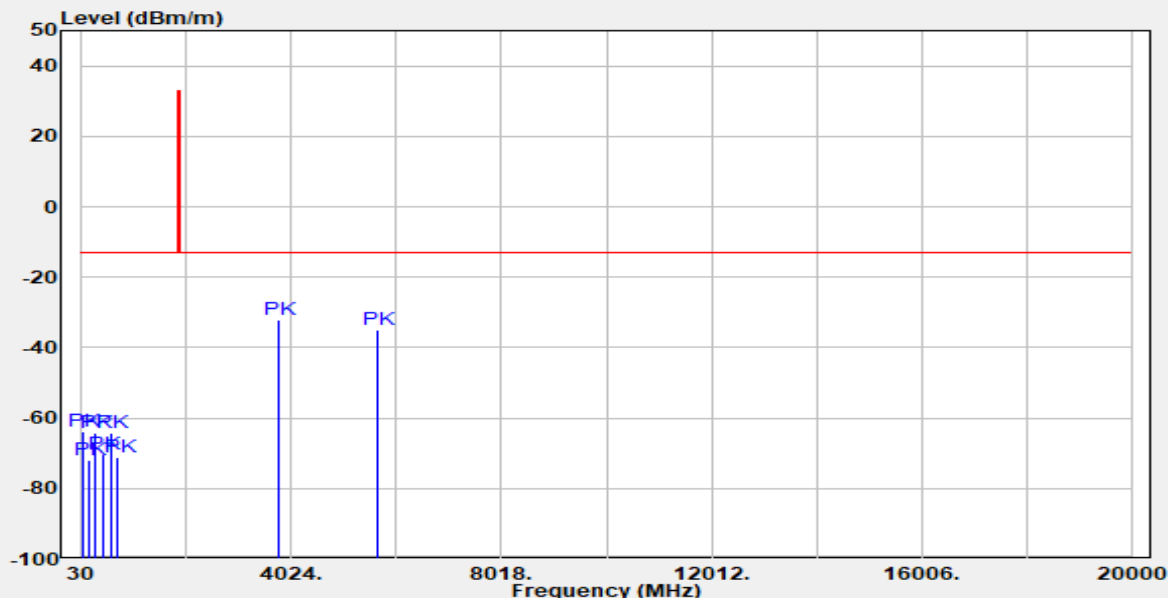
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B2
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC 1
Test Date :5025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
38.73	-63.75	-51.76	-10.86	-1.14	-13.00	-50.75
180.35	-71.88	-73.23	3.79	-2.45	-13.00	-58.88
299.66	-64.06	-67.17	6.27	-3.16	-13.00	-51.06
450.01	-70.19	-72.61	6.29	-3.87	-13.00	-57.19
599.39	-64.25	-65.98	6.19	-4.47	-13.00	-51.25
723.55	-71.23	-72.33	6.01	-4.91	-13.00	-58.23
3760.00	-32.19	-33.23	12.42	-11.38	-13.00	-19.19
5640.00	-35.02	-33.99	13.02	-14.05	-13.00	-22.02

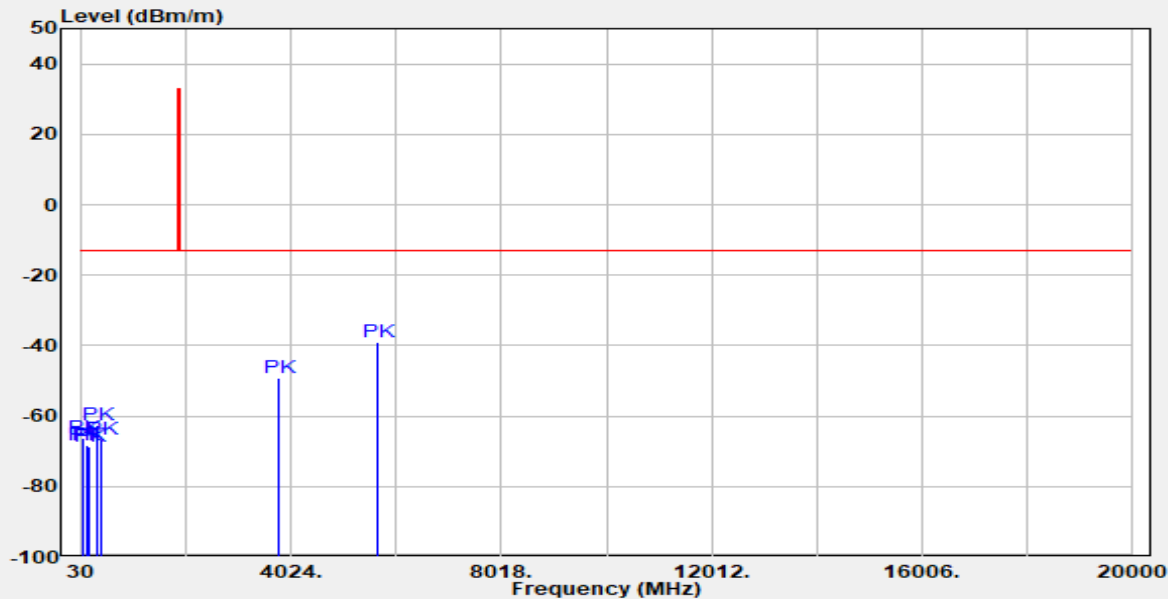
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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B2
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC 1
Test Date :5025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



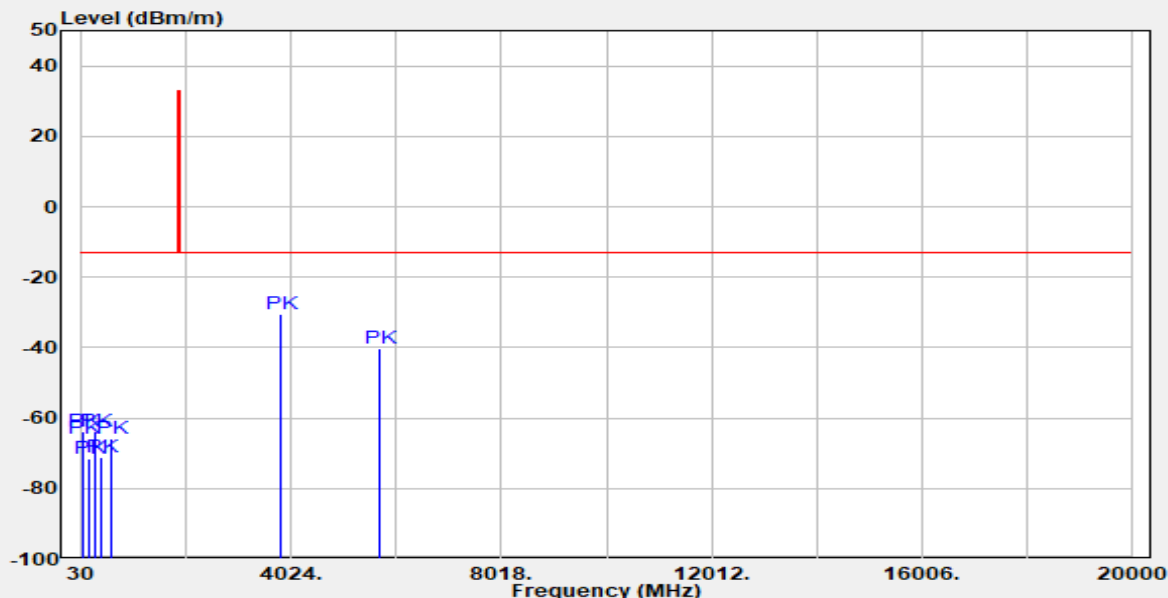
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
35.82	-66.35	-54.33	-10.92	-1.09	-13.00	-53.35
60.07	-68.17	-59.18	-7.57	-1.42	-13.00	-55.17
120.21	-68.46	-67.60	1.15	-2.00	-13.00	-55.46
175.50	-68.64	-69.08	2.87	-2.42	-13.00	-55.64
302.57	-62.58	-65.70	6.30	-3.17	-13.00	-49.58
387.93	-66.49	-69.45	6.55	-3.59	-13.00	-53.49
3760.00	-49.15	-50.19	12.42	-11.38	-13.00	-36.15
5640.00	-38.87	-37.84	13.02	-14.05	-13.00	-25.87

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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B2
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :1902.5 MHz

Test Site :SAC 1
Test Date :5025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
38.73	-63.74	-51.74	-10.86	-1.14	-13.00	-50.74
60.07	-66.00	-57.01	-7.57	-1.42	-13.00	-53.00
180.35	-71.45	-72.79	3.79	-2.45	-13.00	-58.45
296.75	-63.83	-66.93	6.24	-3.14	-13.00	-50.83
390.84	-71.22	-74.15	6.53	-3.61	-13.00	-58.22
599.39	-65.92	-67.64	6.19	-4.47	-13.00	-52.92
3805.00	-30.43	-31.45	12.47	-11.45	-13.00	-17.43
5707.50	-40.42	-39.08	12.80	-14.14	-13.00	-27.42

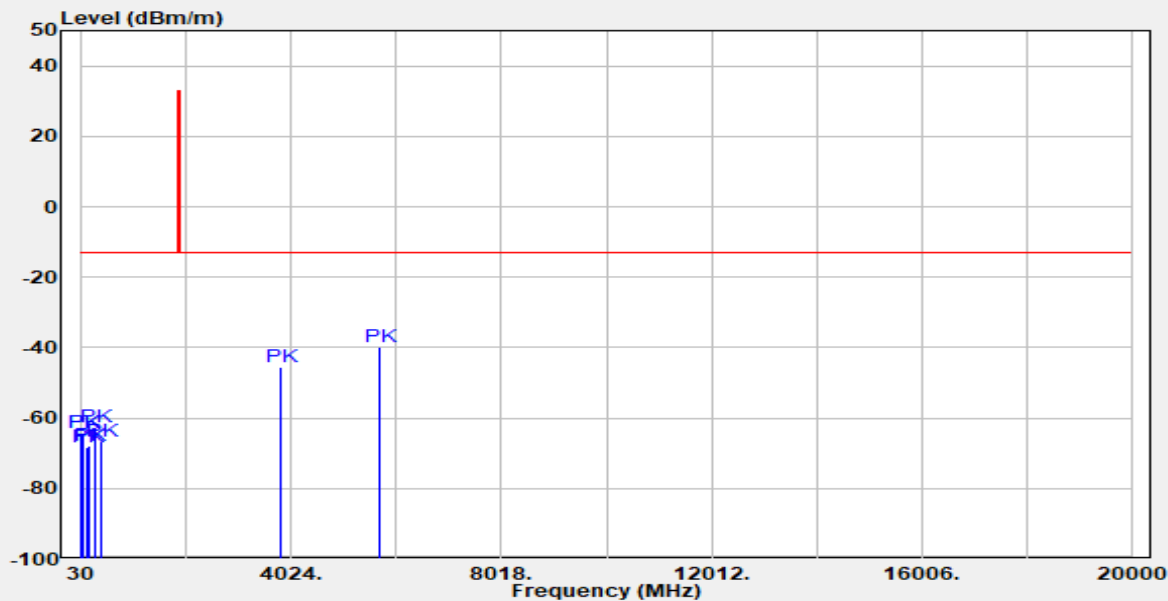
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Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B2
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1902.5 MHz

Test Site :SAC 1
 Test Date :5025-08-28
 Temp./Humi. :23.5°C/55%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
32.91	-64.39	-52.00	-11.34	-1.05	-13.00	-51.39
60.07	-64.27	-55.27	-7.57	-1.42	-13.00	-51.27
120.21	-68.33	-67.48	1.15	-2.00	-13.00	-55.33
179.38	-67.94	-69.10	3.61	-2.45	-13.00	-54.94
298.69	-62.57	-65.68	6.26	-3.15	-13.00	-49.57
387.93	-66.75	-69.71	6.55	-3.59	-13.00	-53.75
3805.00	-45.46	-46.49	12.47	-11.45	-13.00	-32.46
5707.50	-39.72	-38.38	12.80	-14.14	-13.00	-26.72

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t (886-2) 2299-3279

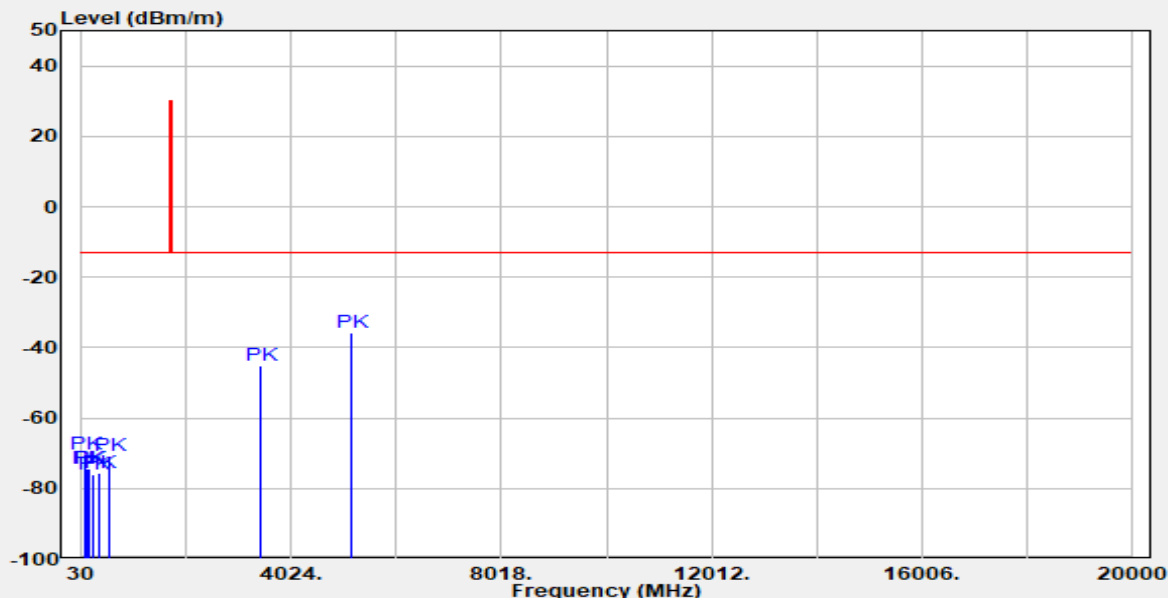
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B4
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1717.5 MHz

Test Site :SAC 1
 Test Date :2025-09-16
 Temp./Humi. :23.5°C/60%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
80.44	-70.35	-68.22	-0.49	-1.64	-13.00	-57.35
138.64	-74.50	-72.88	0.54	-2.16	-13.00	-61.50
170.65	-74.47	-74.28	2.21	-2.39	-13.00	-61.47
257.95	-76.04	-79.56	6.44	-2.92	-13.00	-63.04
357.86	-75.50	-78.90	6.85	-3.45	-13.00	-62.50
558.65	-70.87	-73.26	6.70	-4.31	-13.00	-57.87
3435.00	-44.97	-46.68	12.57	-10.86	-13.00	-31.97
5152.50	-35.60	-34.41	12.22	-13.41	-13.00	-22.60

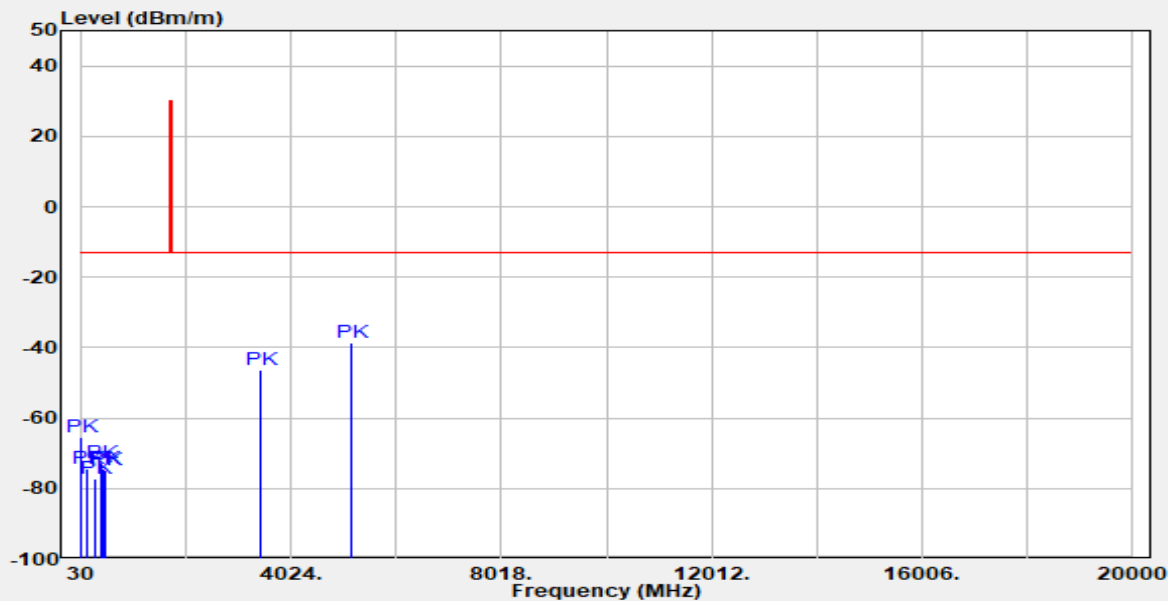
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Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B4
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1717.5 MHz

Test Site :SAC 1
 Test Date :2025-09-16
 Temp./Humi. :23.5°C/60%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.97	-65.32	-52.45	-11.85	-1.02	-13.00	-52.32
122.15	-74.20	-73.34	1.16	-2.02	-13.00	-61.20
297.72	-77.37	-80.47	6.25	-3.15	-13.00	-64.37
393.75	-72.60	-75.46	6.48	-3.62	-13.00	-59.60
449.04	-74.29	-76.71	6.29	-3.87	-13.00	-61.29
485.90	-74.91	-77.42	6.54	-4.02	-13.00	-61.91
3435.00	-46.48	-48.19	12.57	-10.86	-13.00	-33.48
5152.50	-38.63	-37.44	12.22	-13.41	-13.00	-25.63

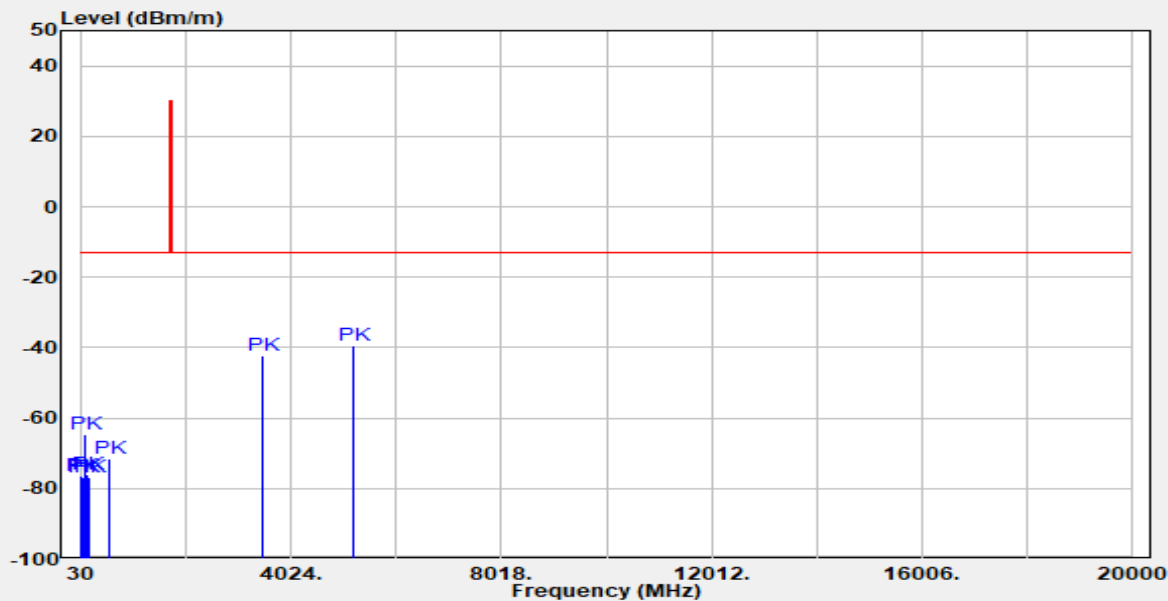
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Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B4
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1732.5 MHz

Test Site :SAC 1
 Test Date :2025-09-16
 Temp./Humi. :23.5°C/60%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
30.00	-76.54	-63.21	-12.33	-1.00	-13.00	-63.54
51.34	-76.88	-66.07	-9.49	-1.32	-13.00	-63.88
81.41	-64.70	-62.93	-0.11	-1.65	-13.00	-51.70
133.79	-75.82	-74.48	0.78	-2.12	-13.00	-62.82
179.38	-76.71	-77.87	3.61	-2.45	-13.00	-63.71
562.53	-71.36	-73.67	6.63	-4.32	-13.00	-58.36
3465.00	-42.44	-44.07	12.54	-10.91	-13.00	-29.44
5197.50	-39.32	-38.34	12.48	-13.47	-13.00	-26.32

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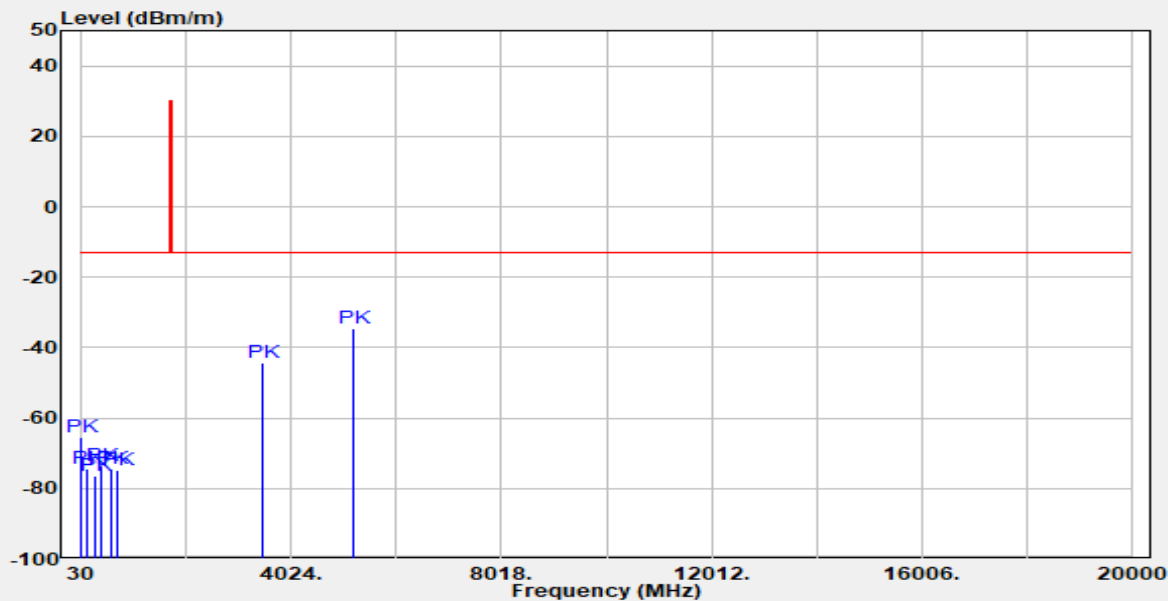
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Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B4
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1732.5 MHz

Test Site :SAC 1
 Test Date :2025-09-16
 Temp./Humi. :23.5°C/60%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.97	-65.42	-52.55	-11.85	-1.02	-13.00	-52.42
121.18	-74.33	-73.59	1.27	-2.01	-13.00	-61.33
289.96	-76.62	-79.69	6.18	-3.11	-13.00	-63.62
386.96	-73.50	-76.45	6.54	-3.59	-13.00	-60.50
585.81	-74.39	-76.33	6.35	-4.41	-13.00	-61.39
699.30	-74.68	-76.19	6.34	-4.83	-13.00	-61.68
3465.00	-44.38	-46.01	12.54	-10.91	-13.00	-31.38
5197.50	-34.65	-33.67	12.48	-13.47	-13.00	-21.65

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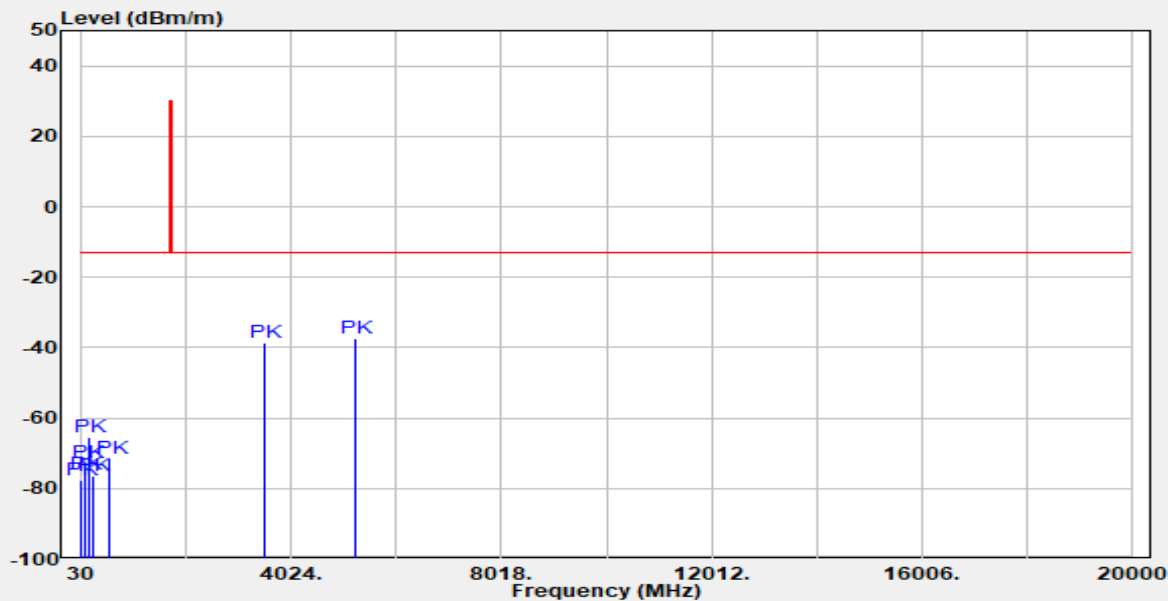
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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B4
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :1747.5 MHz

Test Site :SAC 1
Test Date :2025-09-16
Temp./Humi. :23.5°C/60%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.97	-77.58	-64.71	-11.85	-1.02	-13.00	-64.58
89.17	-76.11	-75.91	1.54	-1.73	-13.00	-63.11
109.54	-72.71	-71.81	1.02	-1.92	-13.00	-59.71
178.41	-65.43	-66.49	3.50	-2.44	-13.00	-52.43
257.95	-76.26	-79.78	6.44	-2.92	-13.00	-63.26
570.29	-71.49	-73.59	6.45	-4.36	-13.00	-58.49
3495.00	-38.71	-40.16	12.42	-10.96	-13.00	-25.71
5242.50	-37.58	-36.89	12.84	-13.53	-13.00	-24.58

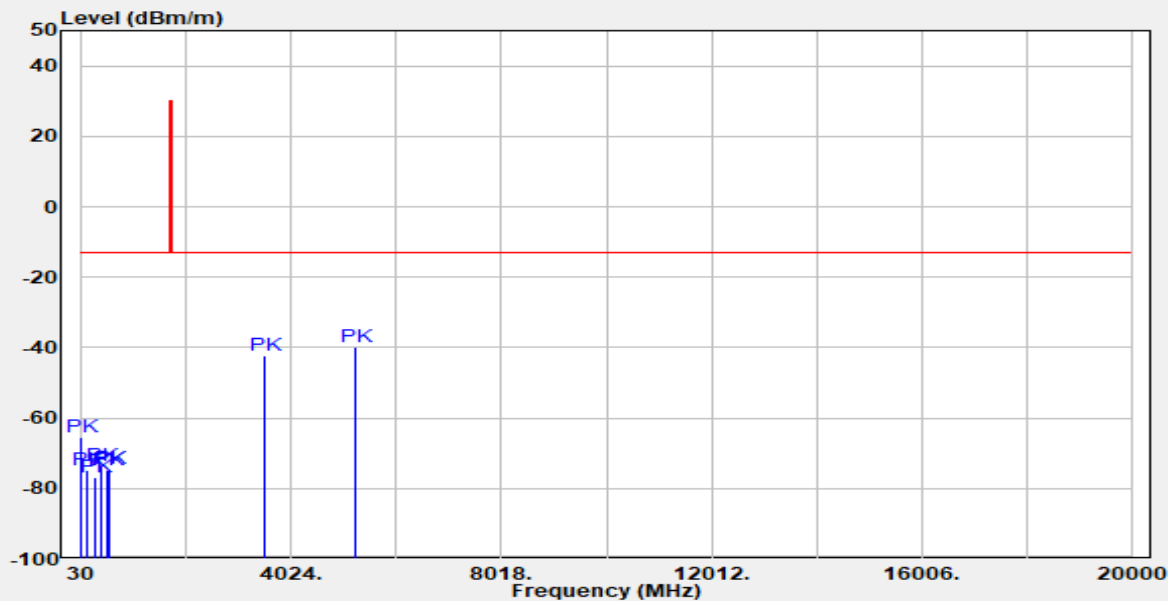
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Report Number :TERF2508002675ER
 Operation Mode :Cat-M1 B4
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :1747.5 MHz

Test Site :SAC 1
 Test Date :2025-09-16
 Temp./Humi. :23.5°C/60%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.94	-65.46	-52.66	-11.77	-1.03	-13.00	-52.46
121.18	-74.62	-73.88	1.27	-2.01	-13.00	-61.62
289.96	-76.73	-79.80	6.18	-3.11	-13.00	-63.73
411.21	-73.47	-76.36	6.59	-3.70	-13.00	-60.47
506.27	-74.95	-77.41	6.57	-4.11	-13.00	-61.95
556.71	-74.34	-76.75	6.71	-4.30	-13.00	-61.34
3495.00	-42.36	-43.82	12.42	-10.96	-13.00	-29.36
5242.50	-40.01	-39.33	12.84	-13.53	-13.00	-27.01

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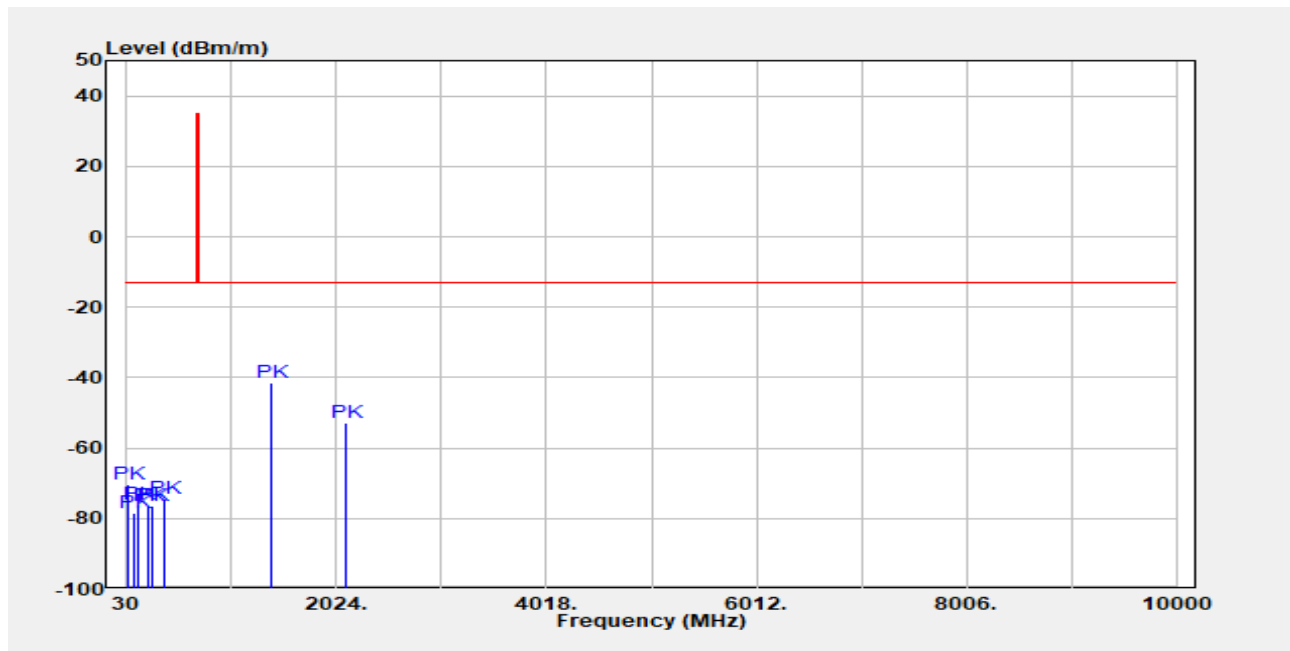
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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B12
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :701.5 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



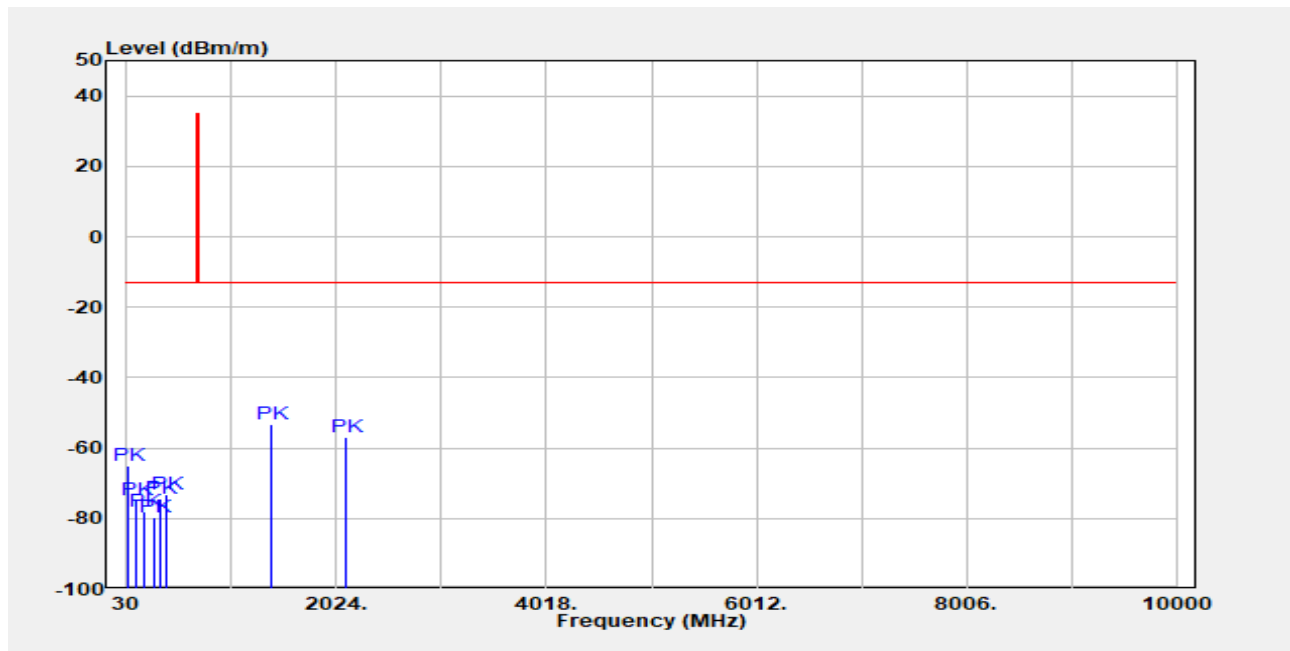
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
36.79	-70.22	-58.22	-10.90	-1.11	-13.00	-57.22
94.02	-78.55	-78.46	1.69	-1.78	-13.00	-65.55
139.61	-75.94	-74.37	0.59	-2.17	-13.00	-62.94
239.52	-76.28	-79.81	6.36	-2.83	-13.00	-63.28
265.71	-76.23	-79.63	6.37	-2.97	-13.00	-63.23
385.99	-74.25	-77.21	6.54	-3.58	-13.00	-61.25
1403.00	-41.29	-42.01	7.56	-6.84	-13.00	-28.29
2104.50	-53.04	-54.38	9.76	-8.41	-13.00	-40.04

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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B12
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :701.5 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



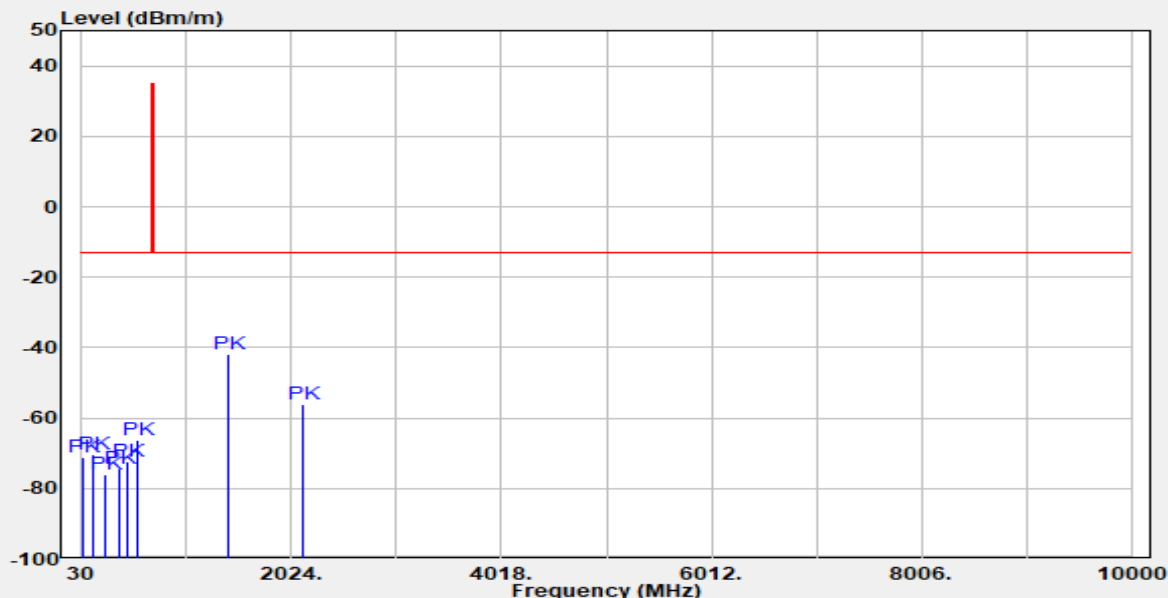
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
31.94	-65.10	-52.30	-11.77	-1.03	-13.00	-52.10
124.09	-74.66	-73.81	1.19	-2.04	-13.00	-61.66
198.78	-78.12	-81.85	6.30	-2.57	-13.00	-65.12
288.02	-79.87	-82.93	6.16	-3.10	-13.00	-66.87
353.98	-74.36	-77.74	6.81	-3.43	-13.00	-61.36
409.27	-72.98	-75.87	6.59	-3.70	-13.00	-59.98
1403.00	-53.32	-54.05	7.56	-6.84	-13.00	-40.32
2104.50	-57.09	-58.44	9.76	-8.41	-13.00	-44.09

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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B12
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :707.5 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
36.79	-71.05	-59.05	-10.90	-1.11	-13.00	-58.05
134.76	-70.22	-68.76	0.67	-2.13	-13.00	-57.22
249.22	-76.21	-79.70	6.36	-2.88	-13.00	-63.21
391.81	-74.52	-77.42	6.52	-3.61	-13.00	-61.52
467.47	-72.40	-74.78	6.32	-3.95	-13.00	-59.40
563.50	-66.34	-68.62	6.61	-4.33	-13.00	-53.34
1415.00	-41.70	-42.53	7.70	-6.87	-13.00	-28.70
2122.50	-56.09	-57.24	9.60	-8.45	-13.00	-43.09

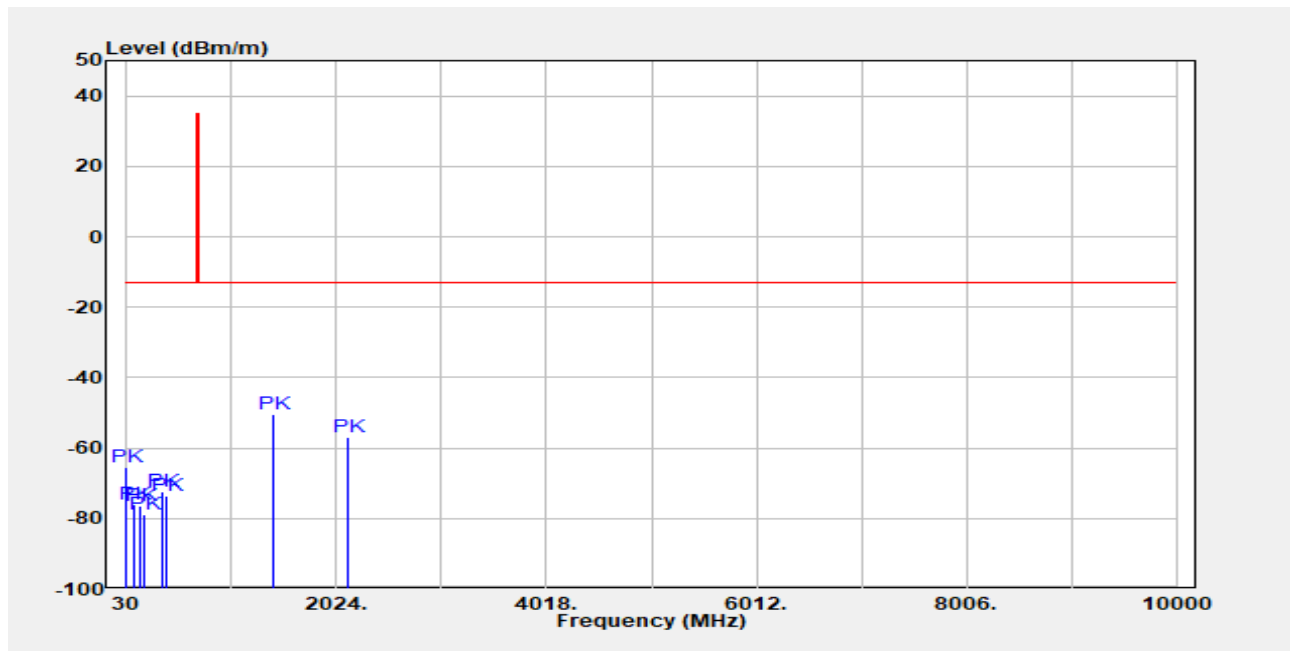
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Operation Mode :Cat-M1 B12
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :707.5 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



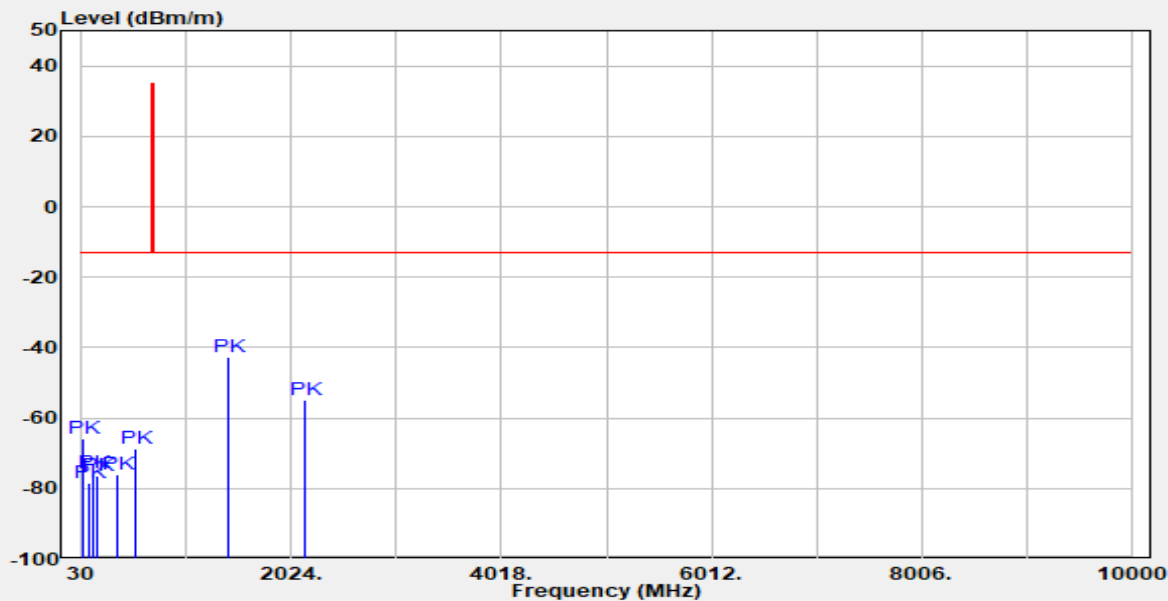
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.00	-65.31	-51.98	-12.33	-1.00	-13.00	-52.31
96.93	-76.15	-75.92	1.58	-1.81	-13.00	-63.15
153.19	-76.61	-75.14	0.79	-2.26	-13.00	-63.61
199.75	-78.79	-82.55	6.34	-2.58	-13.00	-65.79
360.77	-72.22	-75.60	6.85	-3.46	-13.00	-59.22
414.12	-73.74	-76.62	6.59	-3.72	-13.00	-60.74
1415.00	-50.25	-51.08	7.70	-6.87	-13.00	-37.25
2122.50	-56.85	-58.00	9.60	-8.45	-13.00	-43.85

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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B12
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :713.5 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
36.79	-65.84	-53.84	-10.90	-1.11	-13.00	-52.84
93.05	-78.37	-78.11	1.51	-1.77	-13.00	-65.37
143.49	-75.78	-74.10	0.52	-2.19	-13.00	-62.78
183.26	-76.53	-78.37	4.32	-2.47	-13.00	-63.53
369.50	-75.85	-79.03	6.70	-3.52	-13.00	-62.85
541.19	-68.72	-70.98	6.50	-4.24	-13.00	-55.72
1427.00	-42.49	-43.29	7.70	-6.90	-13.00	-29.49
2140.50	-54.74	-55.75	9.49	-8.49	-13.00	-41.74

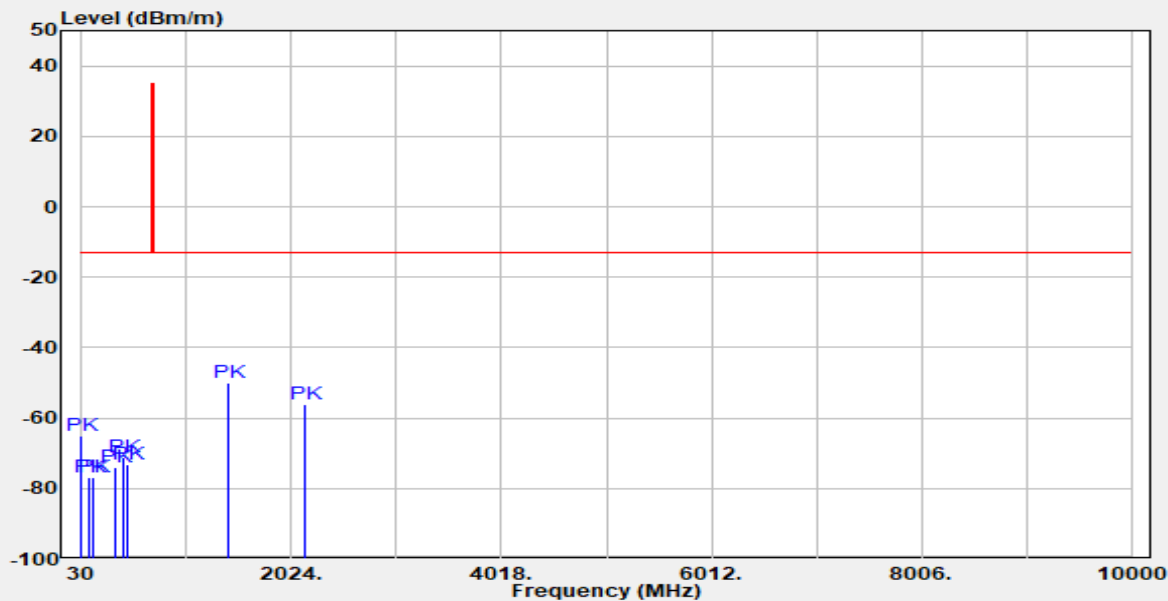
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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B12
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :713.5 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.97	-65.06	-52.19	-11.85	-1.02	-13.00	-52.06
101.78	-76.70	-76.33	1.48	-1.85	-13.00	-63.70
145.43	-76.64	-74.97	0.54	-2.21	-13.00	-63.64
355.92	-73.86	-77.25	6.84	-3.44	-13.00	-60.86
423.82	-70.99	-73.73	6.50	-3.76	-13.00	-57.99
464.56	-73.13	-75.47	6.28	-3.94	-13.00	-60.13
1427.00	-49.83	-50.64	7.70	-6.90	-13.00	-36.83
2140.50	-55.96	-56.97	9.49	-8.49	-13.00	-42.96

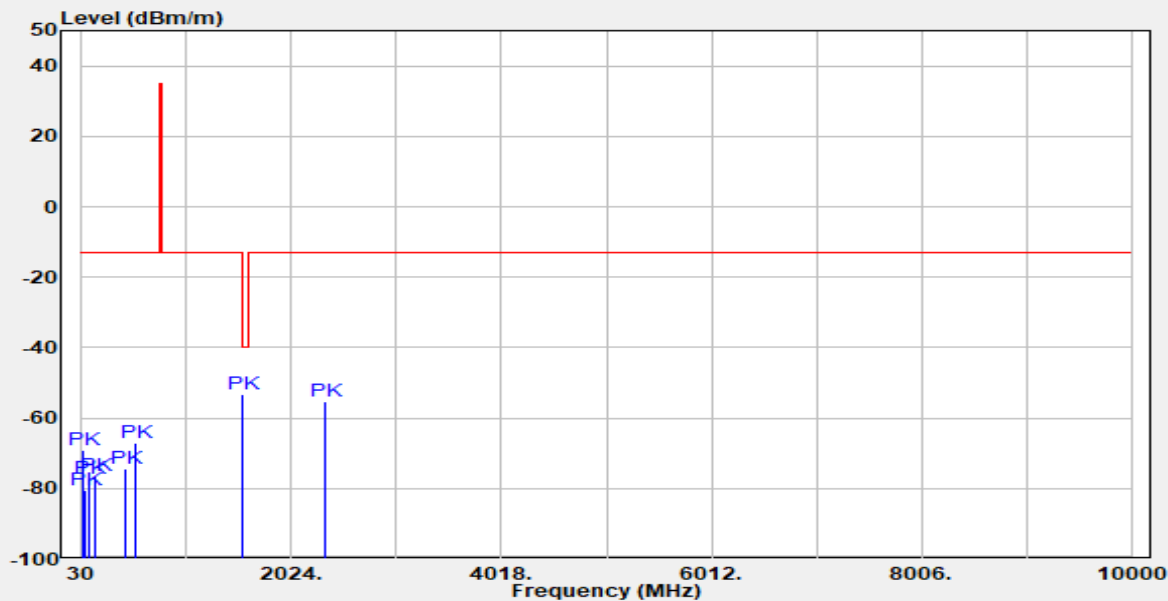
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Report Number : TERF2508002675ER
Operation Mode : Cat-M1 B13
Test Mode : Tx
EUT Pol : H Plane
Test Frequency : 782 MHz

Test Site : SAC 1
Test Date : 2025-08-28
Temp./Humi. : 23.5°C/55%
Antenna Pol. : Vertical
Engineer : WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
35.82	-69.10	-57.08	-10.92	-1.09	-13.00	-56.10
66.86	-80.65	-73.89	-5.25	-1.50	-13.00	-67.65
94.99	-77.38	-77.37	1.78	-1.79	-13.00	-64.38
164.83	-76.49	-75.70	1.55	-2.35	-13.00	-63.49
434.49	-74.51	-77.12	6.41	-3.81	-13.00	-61.51
545.07	-67.25	-69.55	6.56	-4.26	-13.00	-54.25
1564.00	-53.37	-55.04	8.90	-7.23	-40.00	-13.37
2346.00	-55.27	-56.17	9.80	-8.90	-13.00	-42.27

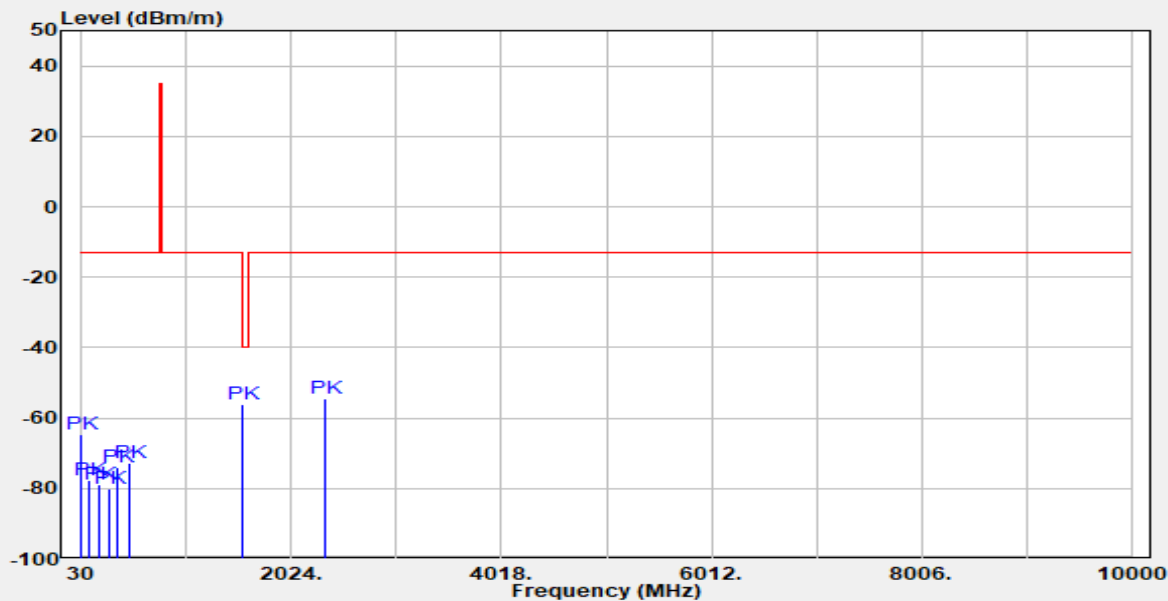
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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B13
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :782 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.00	-64.48	-51.15	-12.33	-1.00	-13.00	-51.48
92.08	-77.73	-77.66	1.69	-1.76	-13.00	-64.73
201.69	-78.78	-82.61	6.42	-2.59	-13.00	-65.78
289.96	-80.01	-83.08	6.18	-3.11	-13.00	-67.01
358.83	-74.05	-77.45	6.85	-3.45	-13.00	-61.05
474.26	-72.90	-75.37	6.45	-3.98	-13.00	-59.90
1564.00	-55.95	-57.62	8.90	-7.23	-40.00	-15.95
2346.00	-54.66	-55.56	9.80	-8.90	-13.00	-41.66

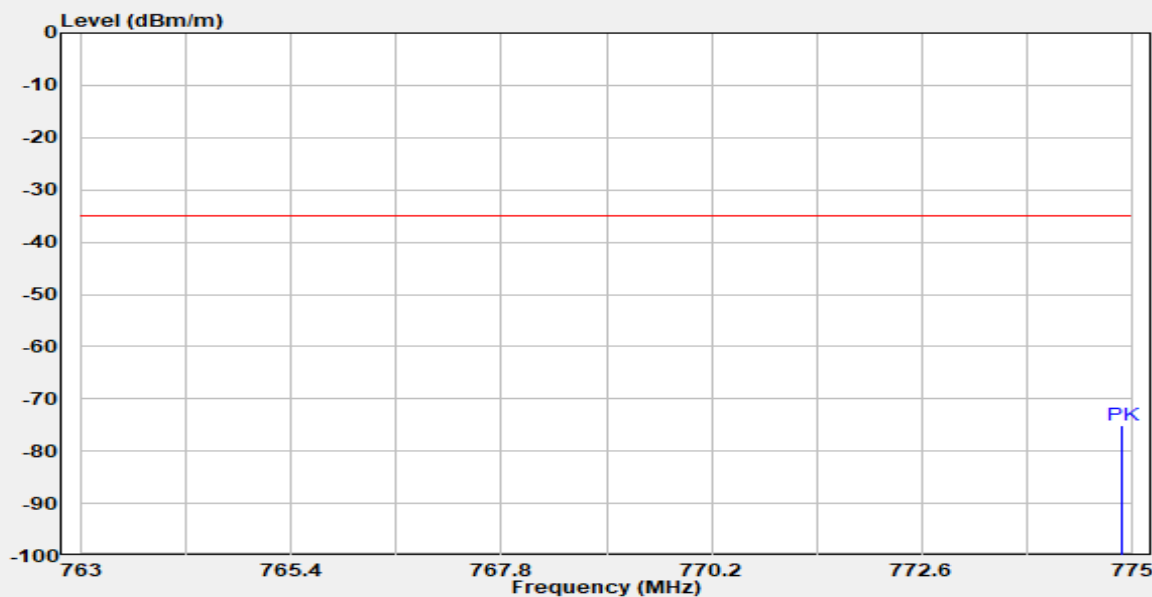
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Operation Mode :Cat-M1 B13
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :782 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
774.892	-75.06	-75.80	5.82	-5.08	-35.00	-40.06

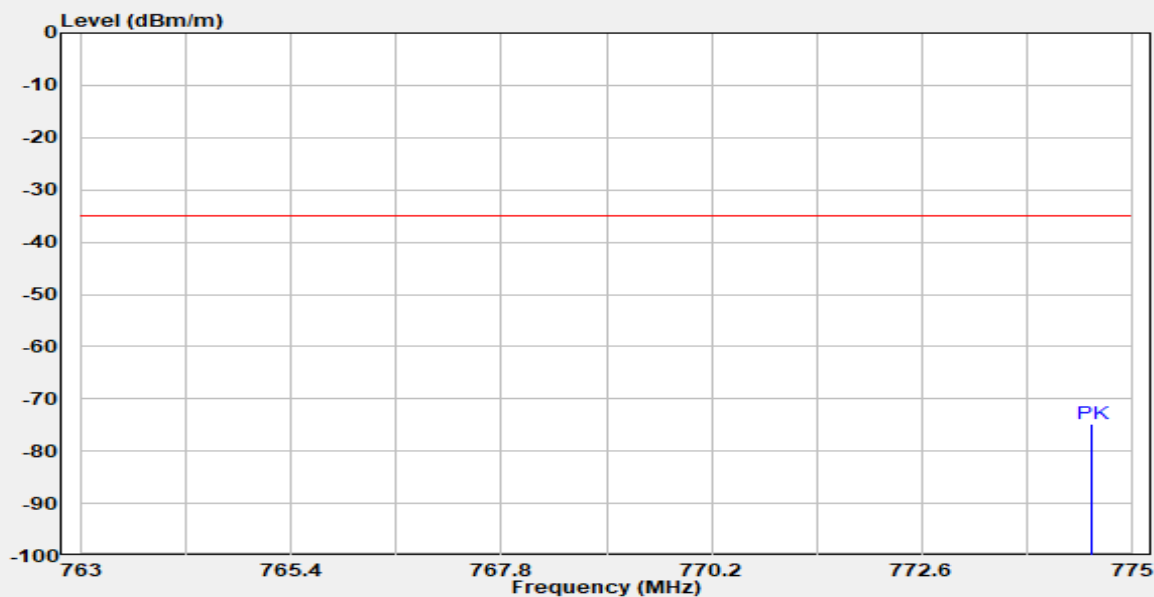
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Operation Mode :Cat-M1 B13
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :782 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
774.544	-74.78	-75.53	5.82	-5.08	-35.00	-39.78

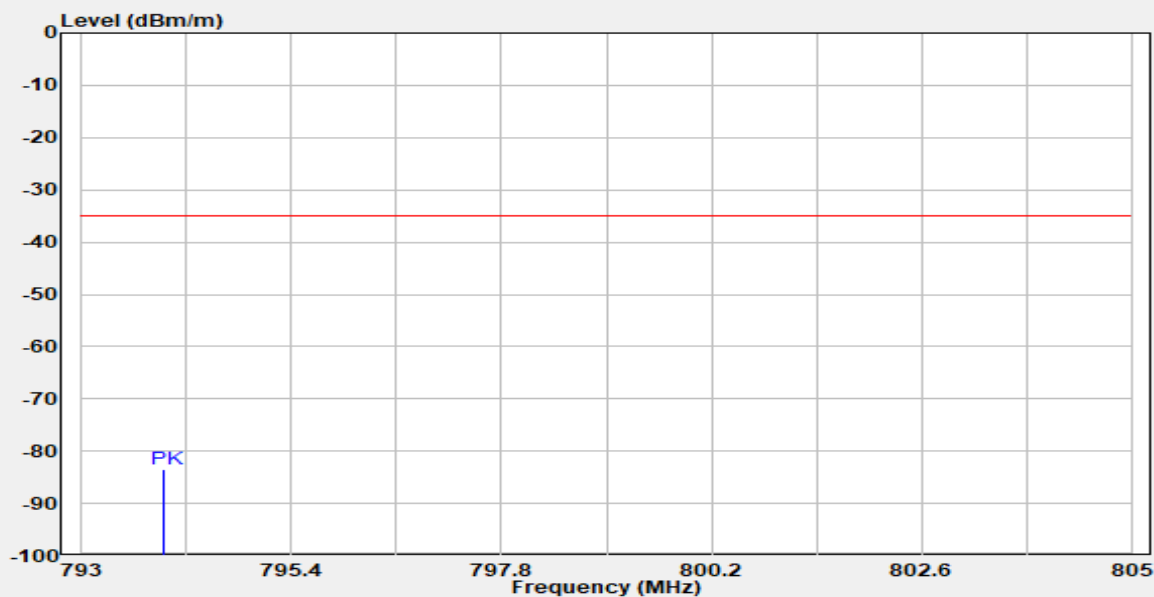
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Operation Mode :Cat-M1 B13
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :782 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
793.948	-83.40	-84.29	6.03	-5.15	-35.00	-48.40

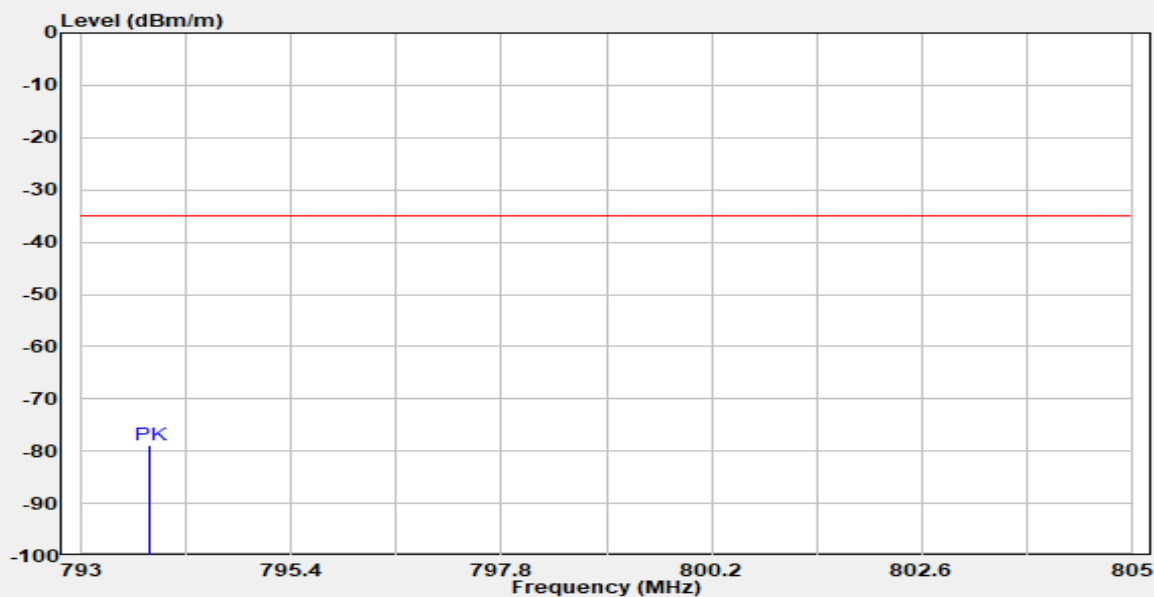
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Report Number :TERF2508002675ER
Operation Mode :Cat-M1 B13
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :782 MHz

Test Site :SAC 1
Test Date :2025-08-28
Temp./Humi. :23.5°C/55%
Antenna Pol. :Horizontal
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
793.768	-78.76	-79.64	6.03	-5.15	-35.00	-43.76

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7.6 Frequency Stability

Reference Freq.:		CAT-M1 B2 Mid Channel		1880.0000	MHz	10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit		
Freq. ERROR vs. VOLTAGE						
4.37	20	1880.000002	0.0010	+/- 2.5 ppm		
3.8	20	1880.000015	0.0081			
3.23	20	1879.999997	-0.0014			
2.9 (End Point)	20	1879.999998	-0.0009			
Freq. ERROR vs. Temp.						
3.8	-30	1880.000007	0.0035	+/- 2.5 ppm		
3.8	-20	1880.000011	0.0061			
3.8	-10	1879.999993	-0.0036			
3.8	0	1880.000015	0.0080			
3.8	10	1880.000013	0.0069			
3.8	20	1879.999992	-0.0041			
3.8	30	1880.000009	0.0049			
3.8	40	1880.000008	0.0043			
3.8	50	1880.000014	0.0075			

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Reference Freq.:		CAT-M1 B4 Mid Channel		1732.5000	MHz 10M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.37	20	1732.499996	-0.0021	+/- 2.5 ppm	
3.8	20	1732.500009	0.0051		
3.23	20	1732.499998	-0.0014		
2.9 (End Point)	20	1732.500000	0.0002		
Freq. ERROR vs. Temp.					
3.8	-30	1732.499992	-0.0048	+/- 2.5 ppm	
3.8	-20	1732.500015	0.0086		
3.8	-10	1732.500000	0.0001		
3.8	0	1732.500008	0.0047		
3.8	10	1732.499997	-0.0020		
3.8	20	1732.500004	0.0020		
3.8	30	1732.499992	-0.0046		
3.8	40	1732.499993	-0.0043		
3.8	50	1732.500015	0.0089		

Reference Freq.:		CAT-M1 B12 Mid Channel		707.5000	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.37	20	707.499996	-0.0052	+/- 2.5 ppm	
3.8	20	707.500008	0.0117		
3.23	20	707.500013	0.0181		
2.9 (End Point)	20	707.500000	-0.0006		
Freq. ERROR vs. Temp.					
3.8	-30	707.500002	0.0027	+/- 2.5 ppm	
3.8	-20	707.499992	-0.0112		
3.8	-10	707.500000	-0.0003		
3.8	0	707.500016	0.0231		
3.8	10	707.500006	0.0087		
3.8	20	707.500017	0.0241		
3.8	30	707.499996	-0.0063		
3.8	40	707.499999	-0.0018		
3.8	50	707.499993	-0.0100		

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Reference Freq.:		CAT-M1 B13 Mid Channel		782.0000	MHz 10M QPSK CH 23230
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.37	20	782.000016	0.0209	+/- 2.5 ppm	
3.8	20	781.999997	-0.0045		
3.23	20	782.000008	0.0097		
2.9 (End Point)	20	781.999991	-0.0110		
Freq. ERROR vs. Temp.					
3.8	-30	781.999996	-0.0053	+/- 2.5 ppm	
3.8	-20	782.000007	0.0084		
3.8	-10	782.000009	0.0116		
3.8	0	781.999991	-0.0121		
3.8	10	782.000004	0.0050		
3.8	20	782.000007	0.0083		
3.8	30	782.000011	0.0137		
3.8	40	781.999997	-0.0033		
3.8	50	782.000012	0.0148		

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7.7 Peak To Average Ratio

CAT-M1 BAND 2									
Channel bandwidth: 1.4MHz					Channel bandwidth: 3MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
1850.7	18607	10.2	10.57	13	1851.5	18615	7.61	10.10	13
1880.0	18900	10.54	11.47	13	1880.0	18900	10.59	10.12	13
1909.3	19193	10.29	9.62	13	1908.5	19185	8.54	10.06	13

CAT-M1 BAND 2									
Channel bandwidth: 5MHz					Channel bandwidth: 10MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
1852.5	18625	10.16	9.38	13	1855.0	18650	10.11	10.28	13
1880.0	18900	7.24	9.27	13	1880.0	18900	10	7.44	13
1907.5	19175	10.24	7.79	13	1905.0	19150	9.24	10.18	13

CAT-M1 BAND 2									
Channel bandwidth: 15MHz					Channel bandwidth: 20MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
1857.5	18675	7.44	7.40	13	1860.0	18700	8.17	10.26	13
1880.0	18900	6.94	8.12	13	1880.0	18900	6.73	10.26	13
1902.5	19125	9.71	10.31	13	1900.0	19100	9.74	10.32	13

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CAT-M1 BAND 4									
Channel bandwidth: 1.4MHz					Channel bandwidth: 3MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
1710.7	19957	10.42	8.13	13	1711.5	19965	10.74	11.06	13
1732.5	20175	10.63	10.98	13	1732.5	20175	9.06	9.58	13
1754.3	20393	10.46	10.90	13	1753.5	20385	10.65	10.70	13

CAT-M1 BAND 4									
Channel bandwidth: 5MHz					Channel bandwidth: 10MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
1712.5	19975	7.1	7.72	13	1715.0	20000	8.69	7.66	13
1732.5	20175	10.47	9.65	13	1732.5	20175	9.3	10.51	13
1752.5	20375	6.75	9.58	13	1750.0	20350	9.46	9.79	13

CAT-M1 BAND 4									
Channel bandwidth: 15MHz					Channel bandwidth: 20MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
1717.5	20025	9.58	8.85	13	1720.0	20050	10.05	11.02	13
1732.5	20175	9.88	8.54	13	1732.5	20175	9.79	10.76	13
1747.5	20325	9.23	10.64	13	1745.0	20300	7.03	9.28	13

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CAT-M1 BAND 12									
Channel bandwidth: 1.4MHz					Channel bandwidth: 3MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
699.7	23017	10.79	11.04	13	700.5	23025	10.79	10.27	13
707.5	23095	9.98	11.12	13	707.5	23095	7.91	11.00	13
715.3	23173	9.28	10.98	13	714.5	23165	10.74	10.31	13

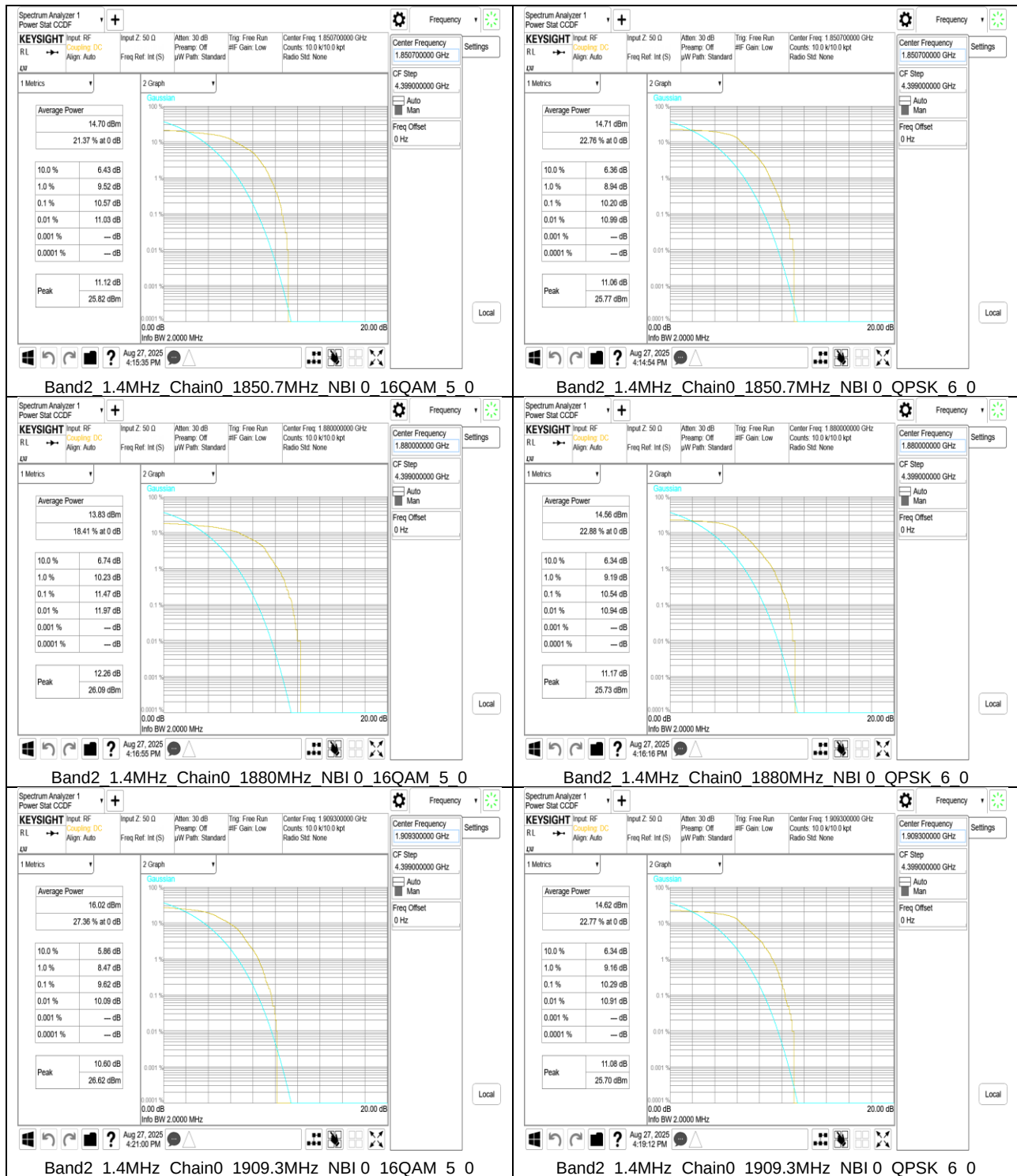
CAT-M1 BAND 12									
Channel bandwidth: 5MHz					Channel bandwidth: 10MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
701.5	23035	10.23	9.10	13	704.0	23060	10.43	10.52	13
707.5	23095	8.88	11.47	13	707.5	23095	7.65	10.48	13
713.5	23155	9.08	8.85	13	711.0	23130	10.52	8.41	13

CAT-M1 BAND 13									
Channel bandwidth: 5MHz					Channel bandwidth: 10MHz				
Freq. (MHz)	CH	PAPR (dB)			Freq. (MHz)	CH	PAPR (dB)		
		QPSK	16QAM	Limit			QPSK	16QAM	Limit
779.5	23205	9.93	9.77	13	782.0	23230	10.13	7.29	13
782.0	23230	7.41	9.11	13					
784.5	23255	8.46	10.96	13					

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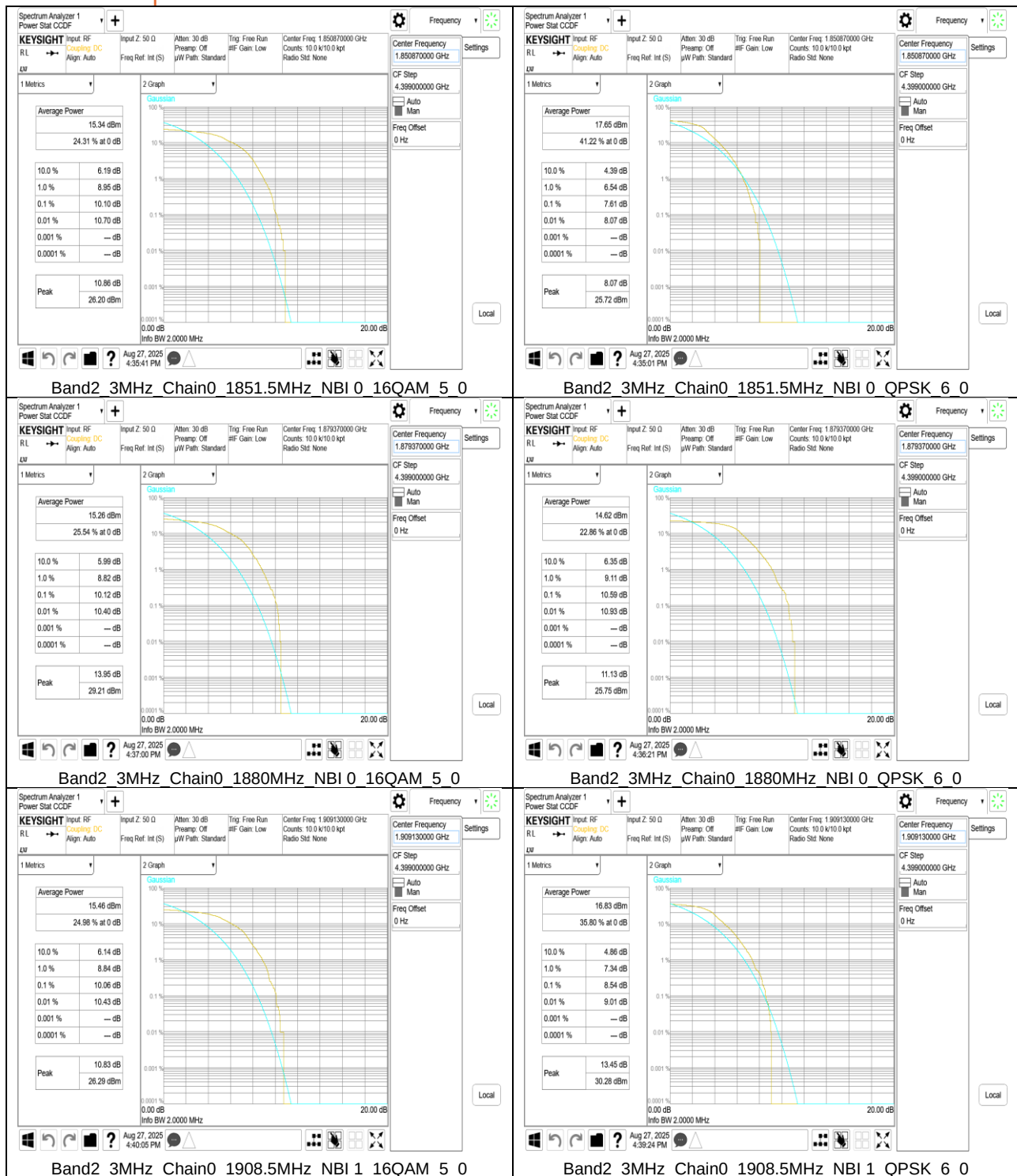
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