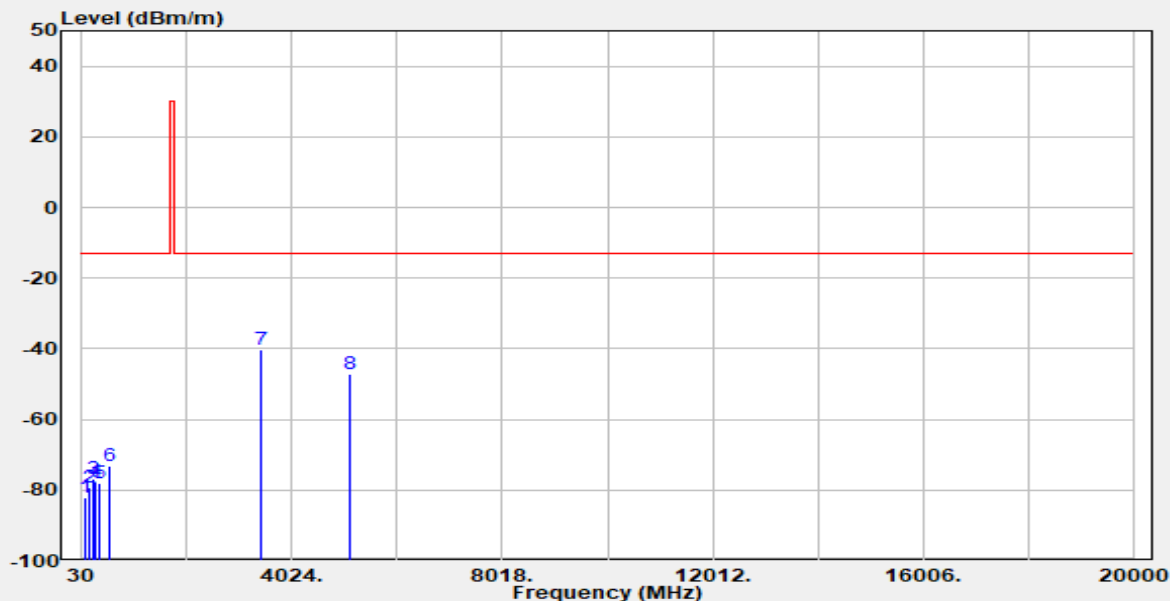


Report Number :TERF2410003183ER
Operation Mode :NR_n70
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :1707.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



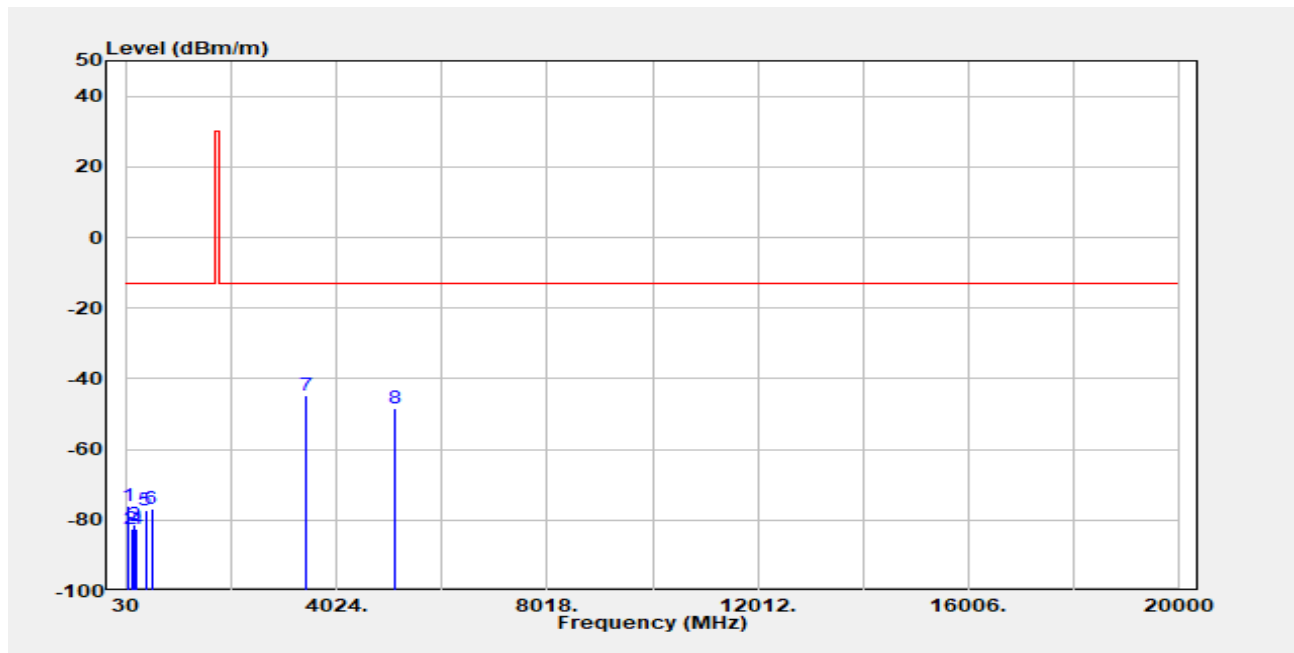
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
80.44	-82.17	-77.59	-2.94	-1.64	-13.00	-69.17
175.50	-79.08	-77.18	0.51	-2.42	-13.00	-66.08
229.82	-76.87	-78.82	4.72	-2.77	-13.00	-63.87
271.53	-77.84	-78.58	3.77	-3.02	-13.00	-64.84
355.92	-78.12	-78.95	4.27	-3.44	-13.00	-65.12
569.32	-73.07	-72.84	4.13	-4.36	-13.00	-60.07
3415.00	-40.41	-42.12	12.60	-10.89	-13.00	-27.41
5122.50	-47.08	-46.01	12.40	-13.47	-13.00	-34.08

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Report Number :TERF2410003183ER
Operation Mode :NR_n70
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :1707.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



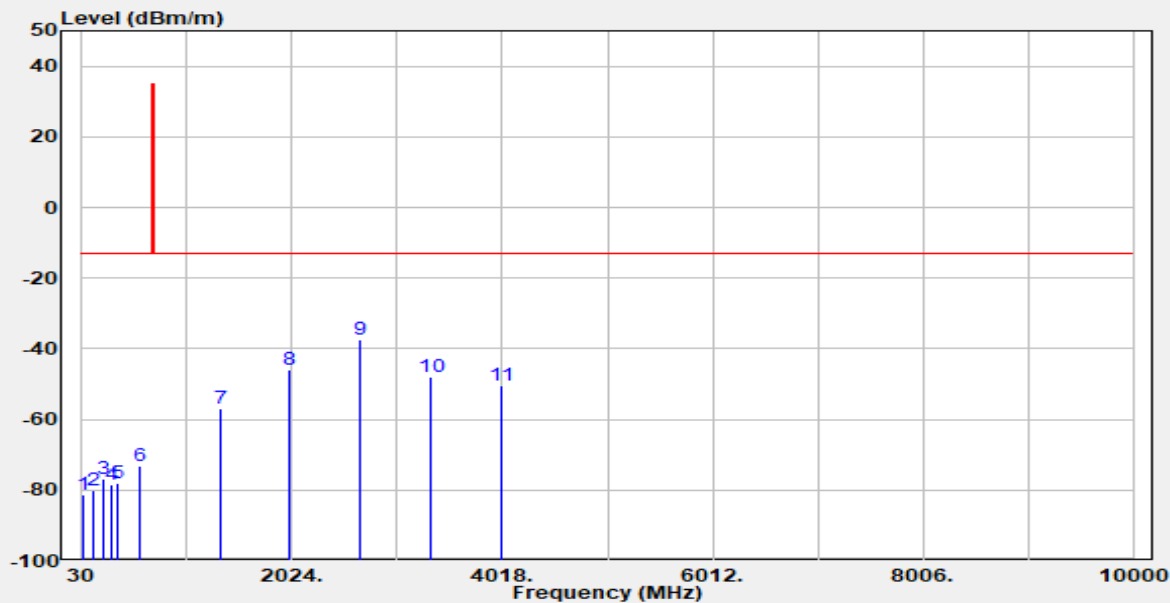
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
49.40	-76.17	-62.77	-12.11	-1.29	-13.00	-63.17
111.48	-82.70	-79.30	-1.47	-1.93	-13.00	-69.70
168.71	-81.42	-78.76	-0.27	-2.38	-13.00	-68.42
207.51	-82.72	-84.25	4.17	-2.64	-13.00	-69.72
380.17	-77.29	-77.71	3.98	-3.56	-13.00	-64.29
495.60	-76.94	-76.86	3.98	-4.06	-13.00	-63.94
3415.00	-44.67	-46.38	12.60	-10.89	-13.00	-31.67
5122.50	-48.31	-47.24	12.40	-13.47	-13.00	-35.31

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Report Number :TERF2410003183ER
Operation Mode :NR_n71
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :668 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



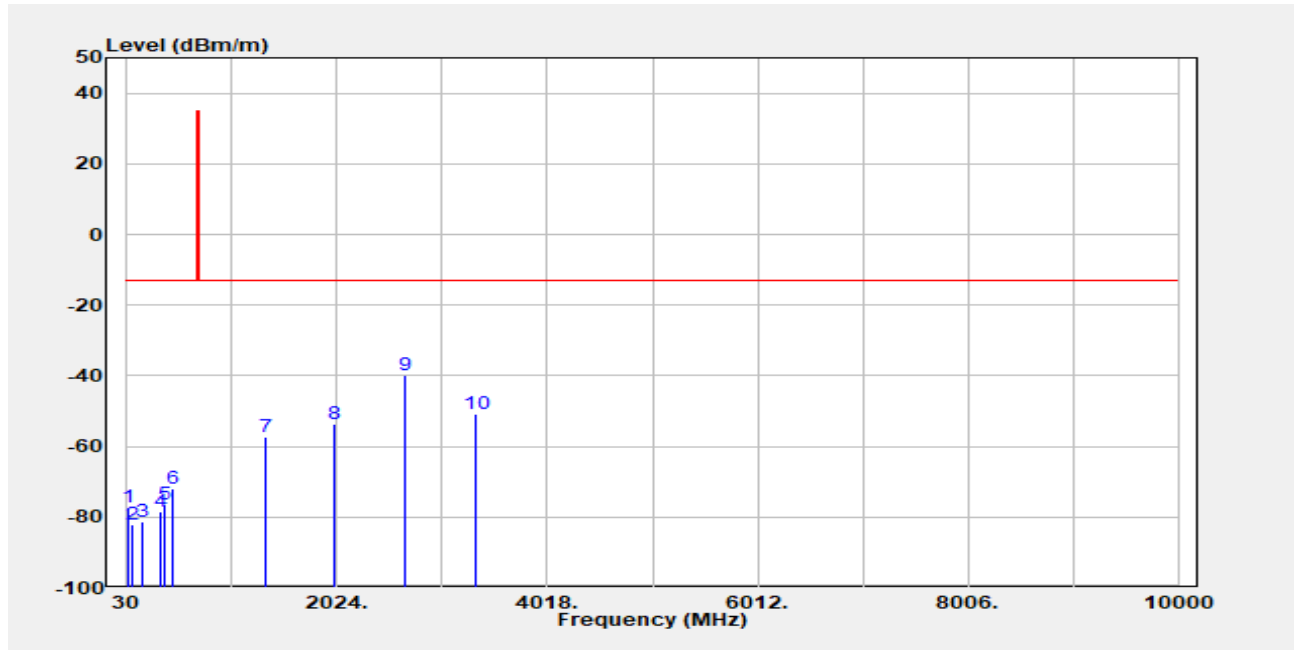
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
34.85	-81.29	-66.16	-14.05	-1.08	-13.00	-68.29
131.85	-80.03	-76.20	-1.72	-2.10	-13.00	-67.03
226.91	-76.70	-78.85	4.90	-2.75	-13.00	-63.70
304.51	-78.50	-79.18	3.87	-3.18	-13.00	-65.50
375.32	-78.22	-78.74	4.05	-3.54	-13.00	-65.22
575.14	-73.17	-72.86	4.07	-4.38	-13.00	-60.17
1336.00	-56.95	-57.54	7.30	-6.70	-13.00	-43.95
2004.00	-45.94	-48.02	10.34	-8.26	-13.00	-32.94
2672.00	-37.49	-38.59	10.70	-9.60	-13.00	-24.49
3340.00	-47.90	-49.51	12.38	-10.77	-13.00	-34.90
4008.00	-50.42	-51.20	12.60	-11.82	-13.00	-37.42

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Report Number :TERF2410003183ER
Operation Mode :NR_n71
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :668 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



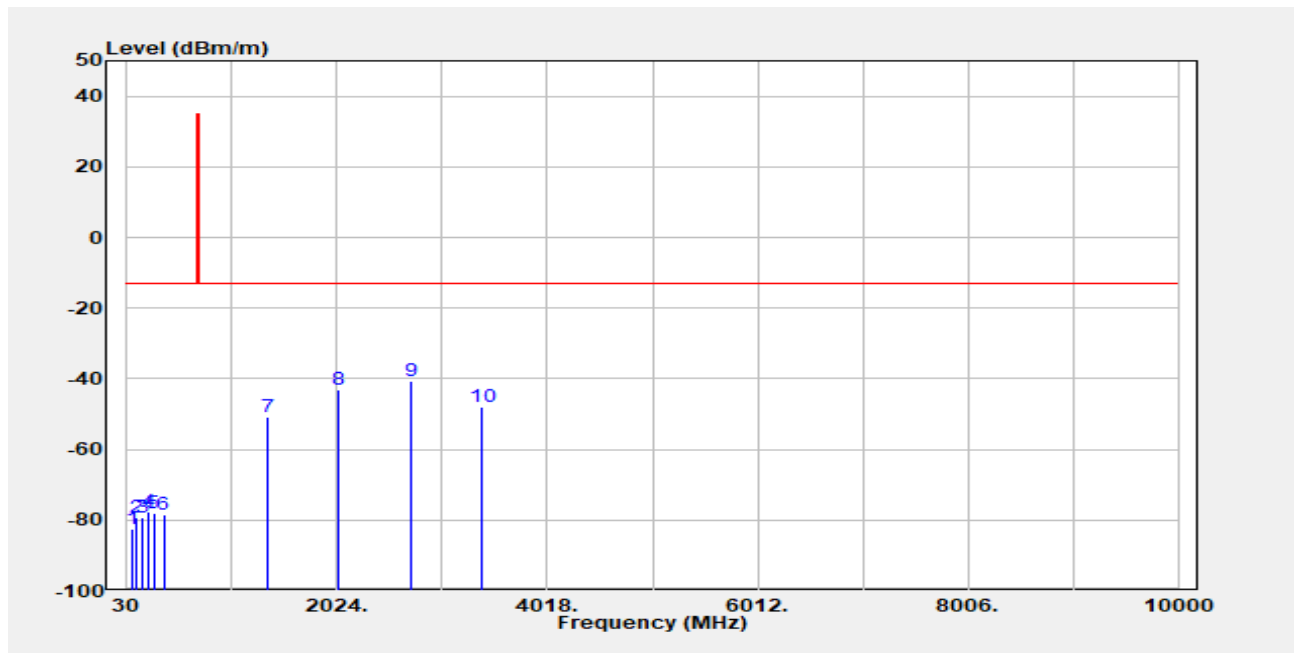
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
50.37	-77.14	-63.88	-11.95	-1.30	-13.00	-64.14
88.20	-82.21	-79.38	-1.11	-1.72	-13.00	-69.21
176.47	-81.10	-79.38	0.71	-2.43	-13.00	-68.10
345.25	-78.31	-78.96	4.05	-3.39	-13.00	-65.31
385.99	-76.48	-76.78	3.89	-3.58	-13.00	-63.48
457.77	-72.06	-72.00	3.84	-3.90	-13.00	-59.06
1336.00	-57.46	-58.06	7.30	-6.70	-13.00	-44.46
2004.00	-53.64	-55.72	10.34	-8.26	-13.00	-40.64
2672.00	-39.99	-41.09	10.70	-9.60	-13.00	-26.99
3340.00	-50.73	-52.33	12.38	-10.77	-13.00	-37.73

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Report Number :TERF2410003183ER
Operation Mode :NR_n71
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :680.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
81.41	-82.67	-78.45	-2.56	-1.65	-13.00	-69.67
125.06	-79.23	-75.60	-1.59	-2.05	-13.00	-66.23
180.35	-79.46	-78.29	1.27	-2.45	-13.00	-66.46
230.79	-77.48	-79.30	4.60	-2.77	-13.00	-64.48
281.23	-77.98	-78.62	3.71	-3.07	-13.00	-64.98
377.26	-78.40	-78.88	4.02	-3.55	-13.00	-65.40
1361.00	-50.90	-51.65	7.51	-6.77	-13.00	-37.90
2041.50	-42.91	-44.69	10.12	-8.34	-13.00	-29.91
2722.00	-40.54	-41.49	10.64	-9.69	-13.00	-27.54
3402.50	-47.93	-49.65	12.60	-10.87	-13.00	-34.93

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

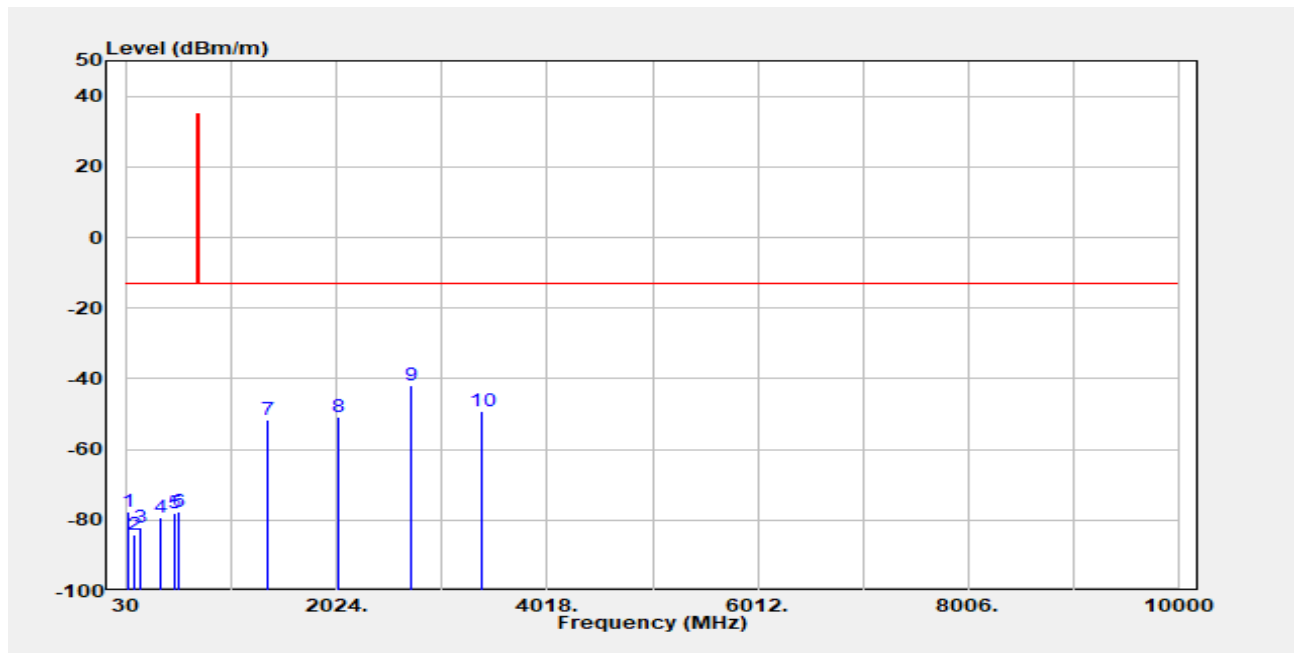
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2410003183ER
Operation Mode :NR_n71
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :680.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



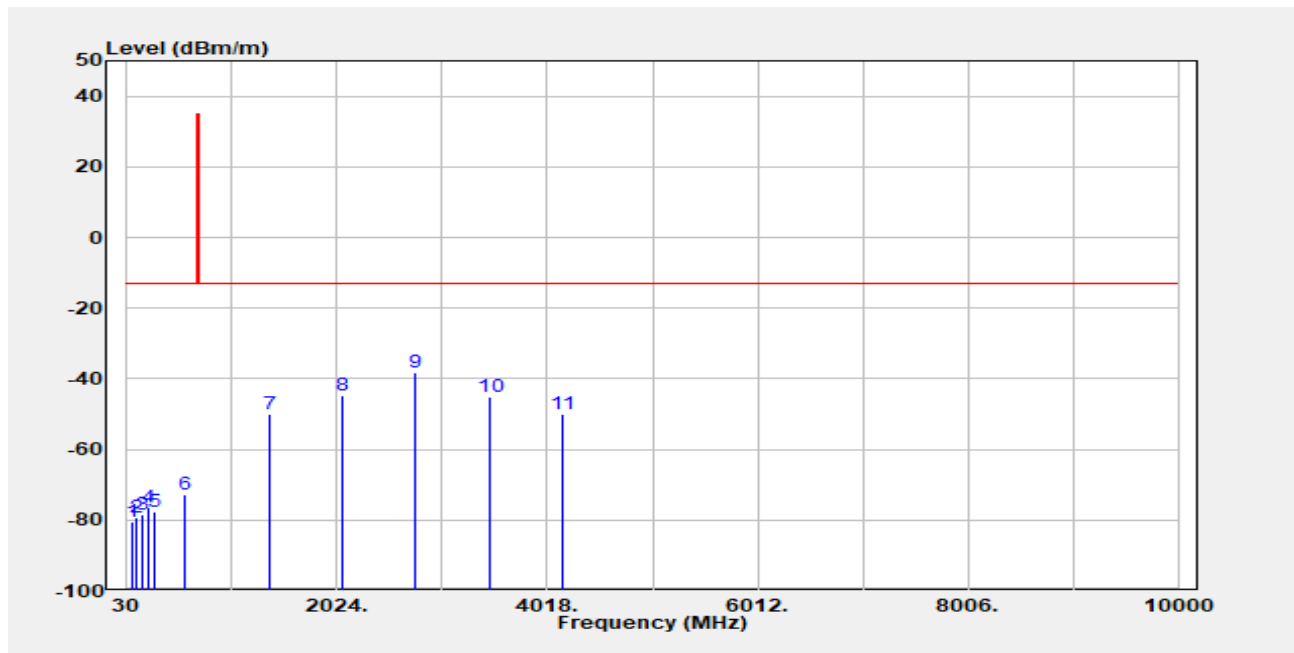
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
45.52	-77.56	-63.71	-12.61	-1.24	-13.00	-64.56
91.11	-83.96	-81.37	-0.84	-1.75	-13.00	-70.96
148.34	-82.23	-78.34	-1.66	-2.23	-13.00	-69.23
345.25	-79.08	-79.73	4.05	-3.39	-13.00	-66.08
490.75	-77.92	-77.86	3.98	-4.04	-13.00	-64.92
526.64	-77.60	-77.39	3.98	-4.19	-13.00	-64.60
1361.00	-51.77	-52.51	7.51	-6.77	-13.00	-38.77
2041.50	-50.70	-52.47	10.12	-8.34	-13.00	-37.70
2722.00	-41.92	-42.87	10.64	-9.69	-13.00	-28.92
3402.50	-49.33	-51.06	12.60	-10.87	-13.00	-36.33

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Report Number :TERF2410003183ER
Operation Mode :NR_n71
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :693 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



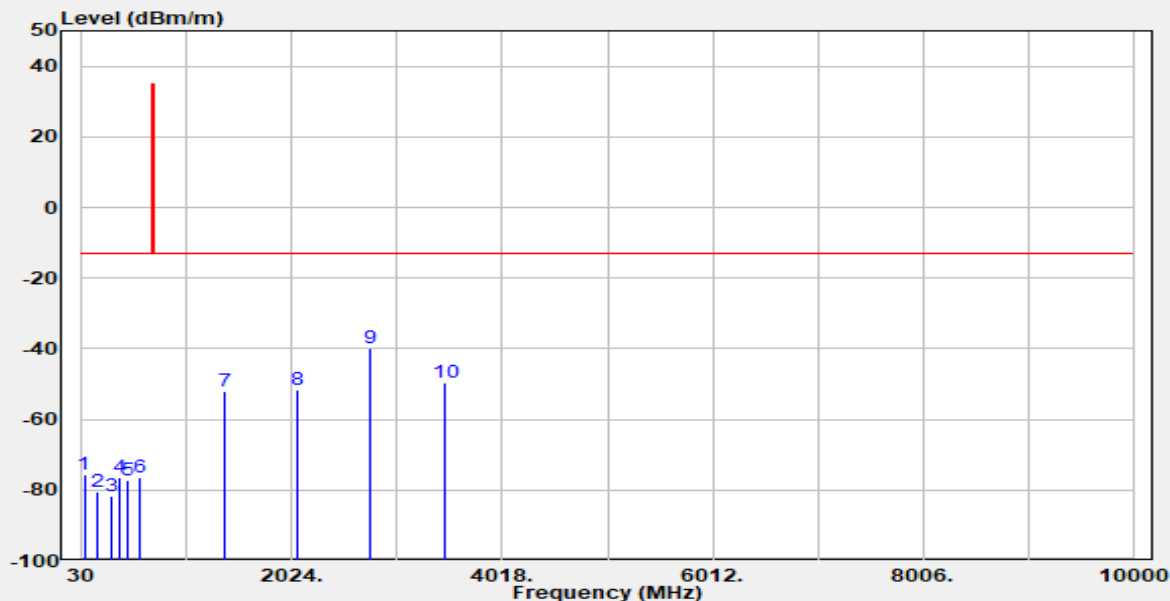
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
81.41	-80.49	-76.27	-2.56	-1.65	-13.00	-67.49
121.18	-79.28	-75.79	-1.47	-2.02	-13.00	-66.28
181.32	-78.50	-77.52	1.48	-2.46	-13.00	-65.50
229.82	-76.22	-78.17	4.72	-2.77	-13.00	-63.22
286.08	-77.75	-78.35	3.69	-3.09	-13.00	-64.75
574.17	-72.72	-72.42	4.07	-4.37	-13.00	-59.72
1386.00	-49.99	-50.51	7.34	-6.83	-13.00	-36.99
2079.00	-44.80	-46.39	10.01	-8.42	-13.00	-31.80
2772.00	-38.06	-38.99	10.72	-9.79	-13.00	-25.06
3465.00	-45.28	-46.85	12.54	-10.97	-13.00	-32.28
4158.00	-50.04	-50.48	12.50	-12.06	-13.00	-37.04

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Report Number :TERF2410003183ER
Operation Mode :NR_n71
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :693 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



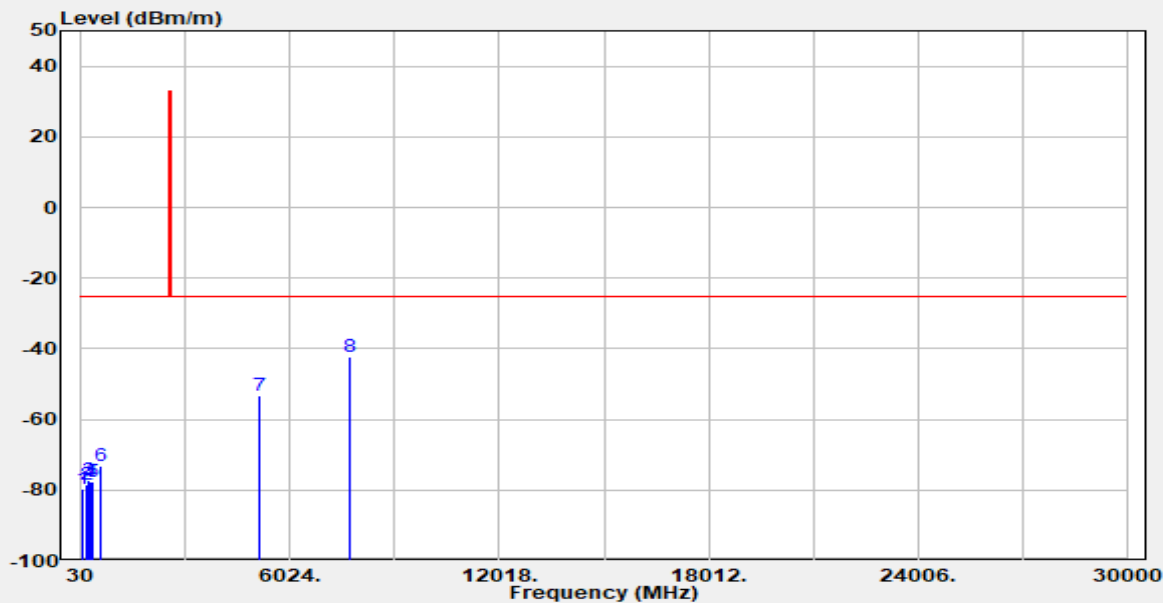
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
51.34	-75.68	-62.52	-11.84	-1.32	-13.00	-62.68
169.68	-80.53	-78.05	-0.09	-2.39	-13.00	-67.53
302.57	-81.52	-82.19	3.85	-3.17	-13.00	-68.52
387.93	-76.41	-76.71	3.90	-3.59	-13.00	-63.41
459.71	-77.30	-77.23	3.84	-3.91	-13.00	-64.30
574.17	-76.37	-76.07	4.07	-4.37	-13.00	-63.37
1386.00	-52.10	-52.61	7.34	-6.83	-13.00	-39.10
2079.00	-51.46	-53.06	10.01	-8.42	-13.00	-38.46
2772.00	-39.64	-40.57	10.72	-9.79	-13.00	-26.64
3465.00	-49.72	-51.29	12.54	-10.97	-13.00	-36.72

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n38
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2575 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



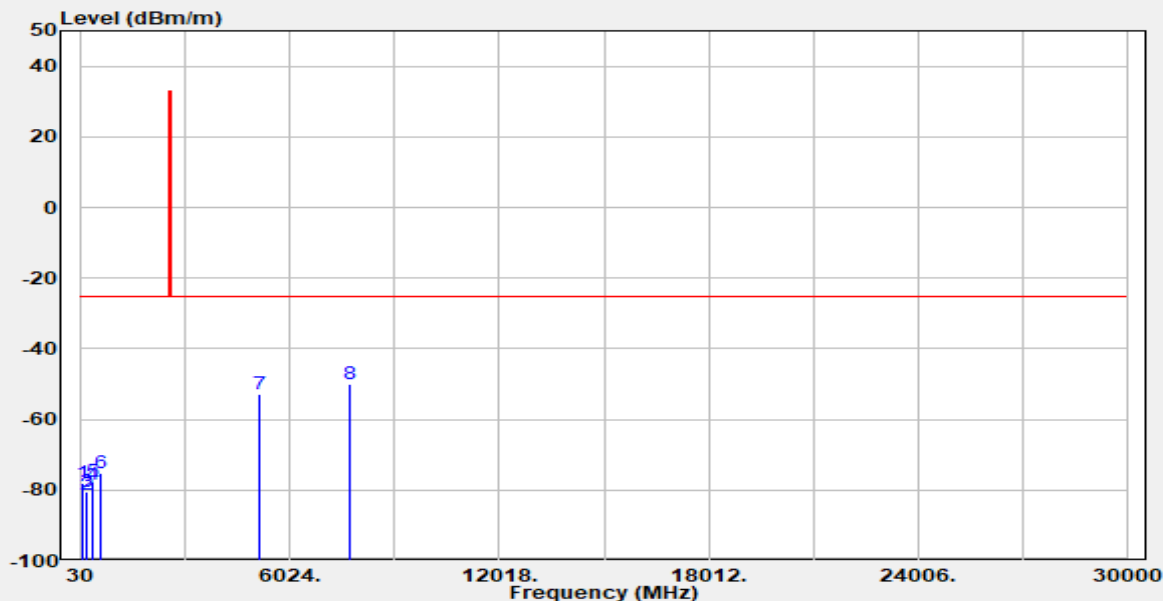
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
44.550	-79.77	-65.99	-12.56	-1.22	-25.00	-54.77
179.380	-78.54	-77.25	1.16	-2.45	-25.00	-53.54
231.760	-77.18	-78.86	4.46	-2.78	-25.00	-52.18
275.410	-77.61	-78.25	3.67	-3.04	-25.00	-52.61
370.470	-77.75	-78.37	4.13	-3.51	-25.00	-52.75
585.810	-73.11	-72.51	3.82	-4.41	-25.00	-48.11
5150.000	-53.11	-52.00	12.40	-13.51	-25.00	-28.11
7725.000	-42.30	-37.05	11.45	-16.70	-25.00	-17.30

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n38
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2575 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
71.710	-78.12	-70.34	-6.23	-1.55	-25.00	-53.12
157.070	-81.32	-77.83	-1.20	-2.29	-25.00	-56.32
177.440	-80.61	-79.08	0.91	-2.43	-25.00	-55.61
345.250	-78.63	-79.28	4.05	-3.39	-25.00	-53.63
378.230	-77.50	-77.95	4.01	-3.55	-25.00	-52.50
567.380	-75.19	-75.05	4.22	-4.35	-25.00	-50.19
5150.000	-52.99	-51.88	12.40	-13.51	-25.00	-27.99
7725.000	-49.87	-44.62	11.45	-16.70	-25.00	-24.87

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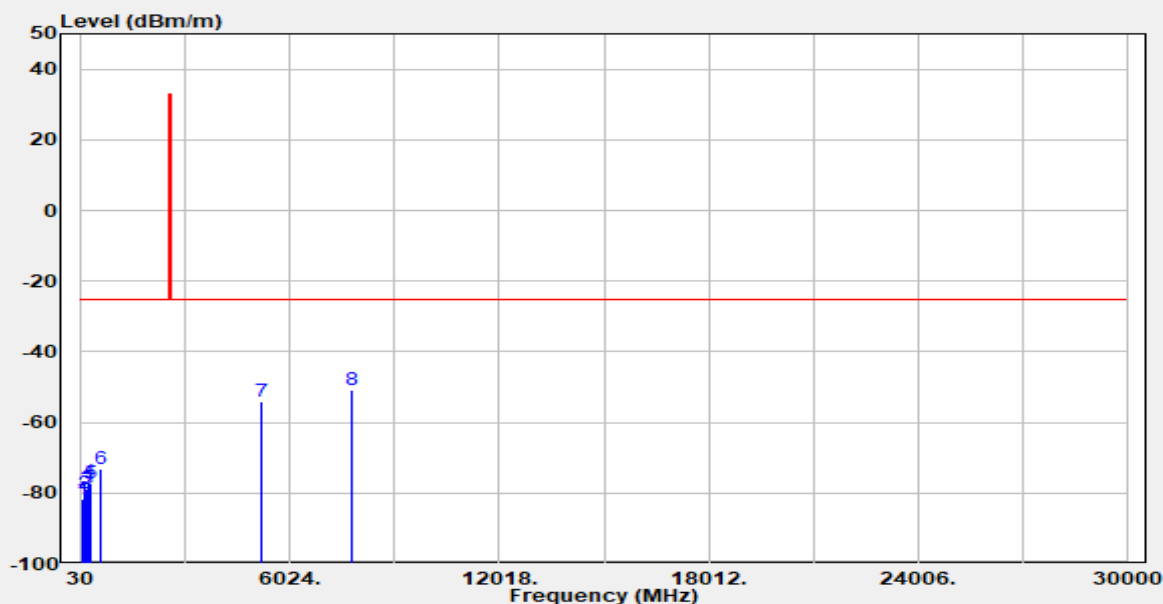
f (886-2) 2298-0488

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n38
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2595 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



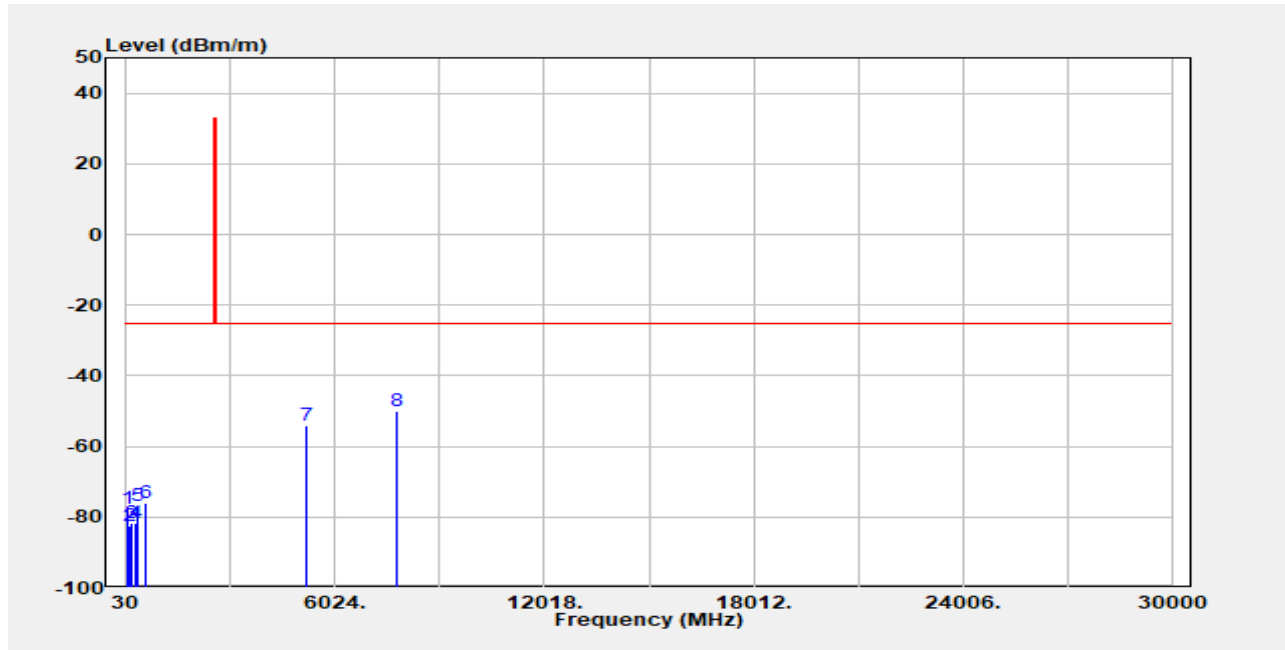
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
81.410	-81.59	-77.37	-2.56	-1.65	-25.00	-56.59
130.880	-80.05	-76.19	-1.77	-2.10	-25.00	-55.05
177.440	-78.96	-77.43	0.91	-2.43	-25.00	-53.96
229.820	-76.77	-78.72	4.72	-2.77	-25.00	-51.77
282.200	-77.27	-77.90	3.70	-3.07	-25.00	-52.27
569.320	-73.19	-72.96	4.13	-4.36	-25.00	-48.19
5190.000	-54.08	-53.08	12.56	-13.57	-25.00	-29.08
7785.000	-50.80	-45.44	11.40	-16.76	-25.00	-25.80

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n38
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2595 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



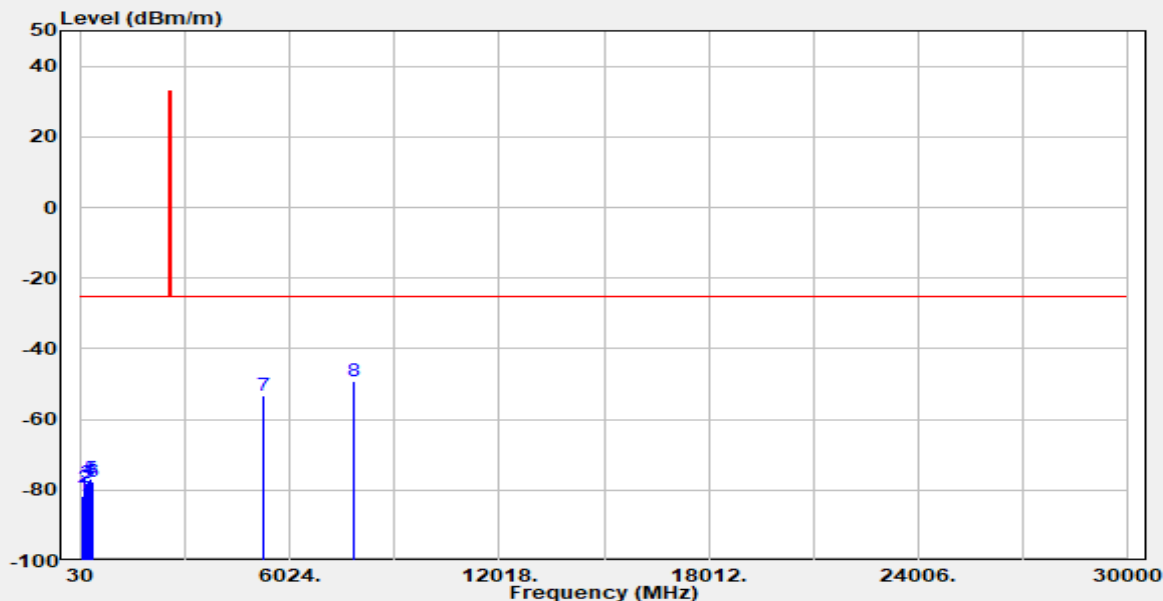
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
50.370	-77.58	-64.32	-11.95	-1.30	-25.00	-52.58
120.210	-82.39	-78.85	-1.52	-2.01	-25.00	-57.39
157.070	-81.81	-78.32	-1.20	-2.29	-25.00	-56.81
299.660	-81.59	-82.25	3.82	-3.16	-25.00	-56.59
378.230	-76.86	-77.32	4.01	-3.55	-25.00	-51.86
573.200	-75.94	-75.65	4.08	-4.37	-25.00	-50.94
5190.000	-53.95	-52.94	12.56	-13.57	-25.00	-28.95
7785.000	-50.20	-44.84	11.40	-16.76	-25.00	-25.20

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n38
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2615 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



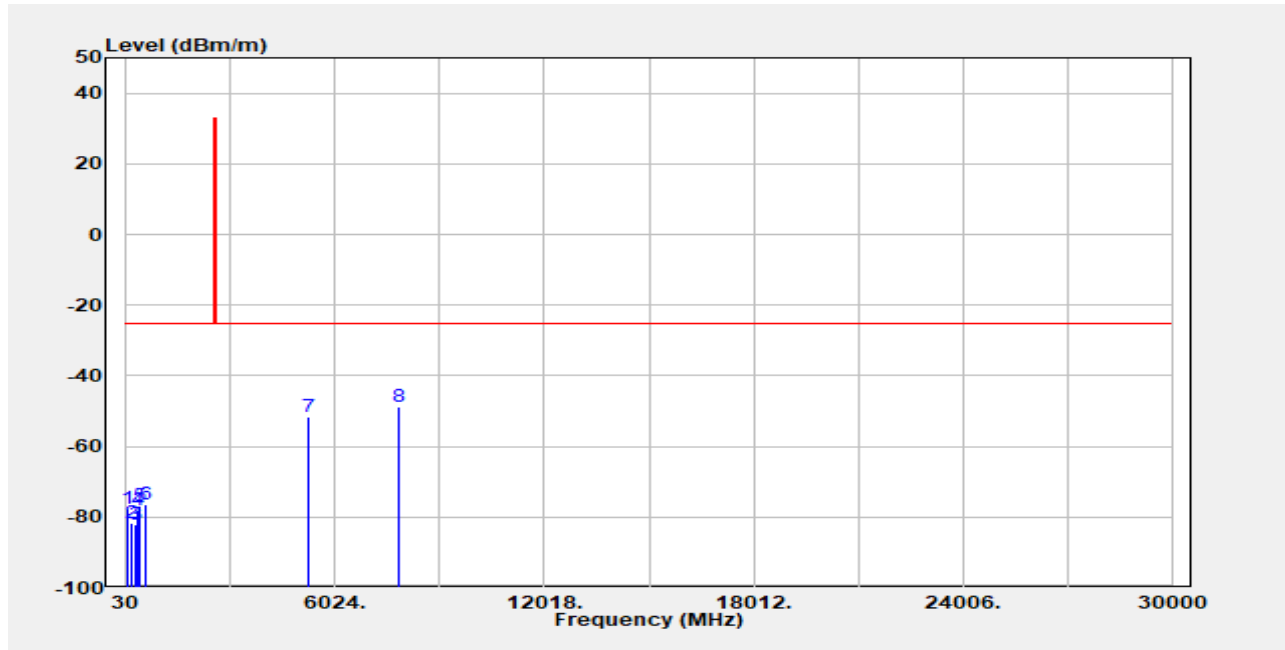
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
81.410	-81.69	-77.47	-2.56	-1.65	-25.00	-56.69
128.940	-79.18	-75.39	-1.71	-2.08	-25.00	-54.18
179.380	-78.07	-76.78	1.16	-2.45	-25.00	-53.07
229.820	-77.18	-79.14	4.72	-2.77	-25.00	-52.18
281.230	-76.95	-77.59	3.71	-3.07	-25.00	-51.95
363.680	-77.62	-78.36	4.22	-3.48	-25.00	-52.62
5230.000	-53.19	-52.35	12.78	-13.62	-25.00	-28.19
7845.000	-49.15	-43.73	11.40	-16.82	-25.00	-24.15

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n38
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :2615 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
50.370	-77.58	-64.33	-11.95	-1.30	-25.00	-52.58
161.920	-81.77	-78.60	-0.84	-2.33	-25.00	-56.77
276.380	-82.17	-82.82	3.68	-3.04	-25.00	-57.17
369.500	-77.85	-78.49	4.15	-3.51	-25.00	-52.85
408.300	-76.75	-77.07	4.00	-3.68	-25.00	-51.75
567.380	-76.23	-76.10	4.22	-4.35	-25.00	-51.23
5230.000	-51.81	-50.97	12.78	-13.62	-25.00	-26.81
7845.000	-48.85	-43.44	11.40	-16.82	-25.00	-23.85

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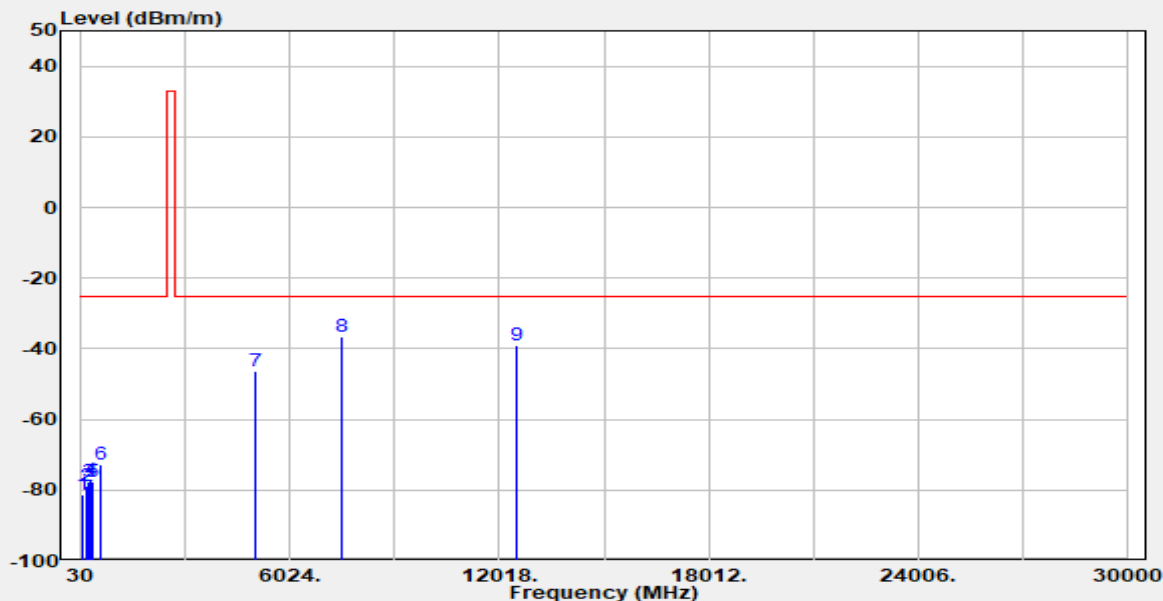
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Report Number :TERF2410003183ER
Operation Mode :RedCap_n41
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2503.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	@3m	dB
		dBm	dBi/dBd	dB	dBm	
80.440	-81.32	-76.74	-2.94	-1.64	-25.00	-56.32
182.290	-78.70	-77.86	1.62	-2.47	-25.00	-53.70
224.970	-77.72	-80.00	5.02	-2.74	-25.00	-52.72
279.290	-77.12	-77.78	3.71	-3.06	-25.00	-52.12
361.740	-77.45	-78.20	4.22	-3.47	-25.00	-52.45
564.470	-72.95	-72.95	4.33	-4.34	-25.00	-47.95
5007.000	-46.35	-45.44	12.40	-13.30	-25.00	-21.35
7510.500	-36.75	-31.33	11.02	-16.44	-25.00	-11.75
12517.500	-39.22	-31.27	13.54	-21.48	-25.00	-14.22

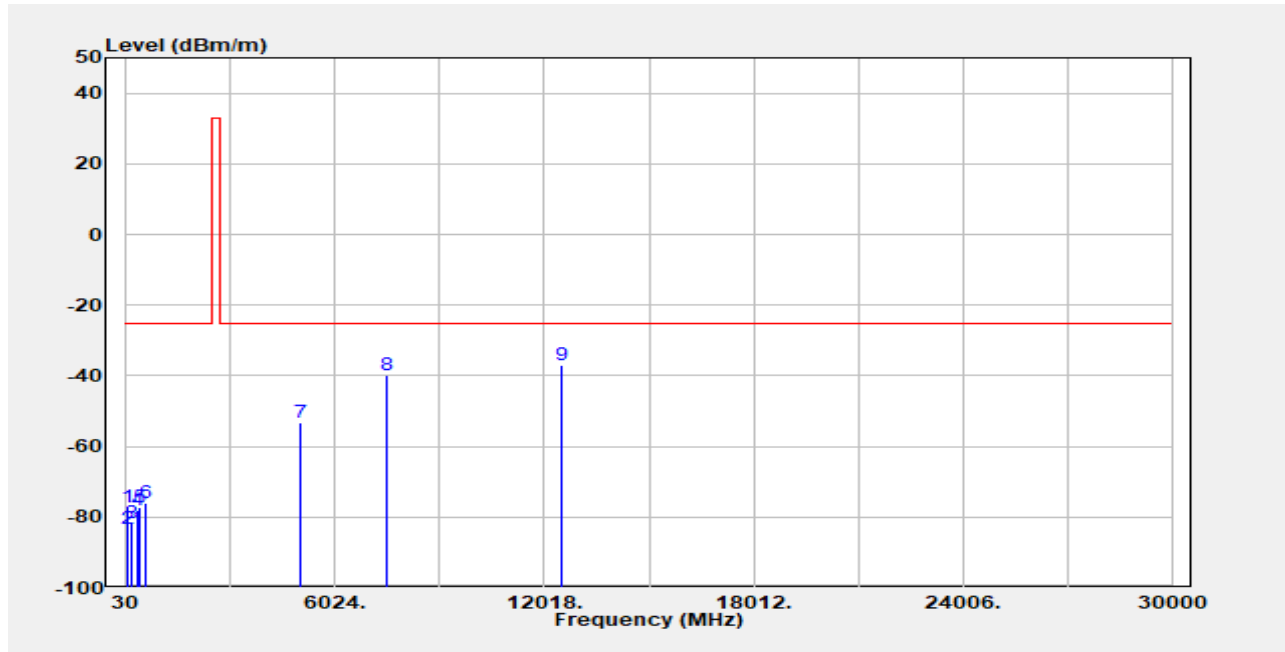
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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n41
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :2503.5 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



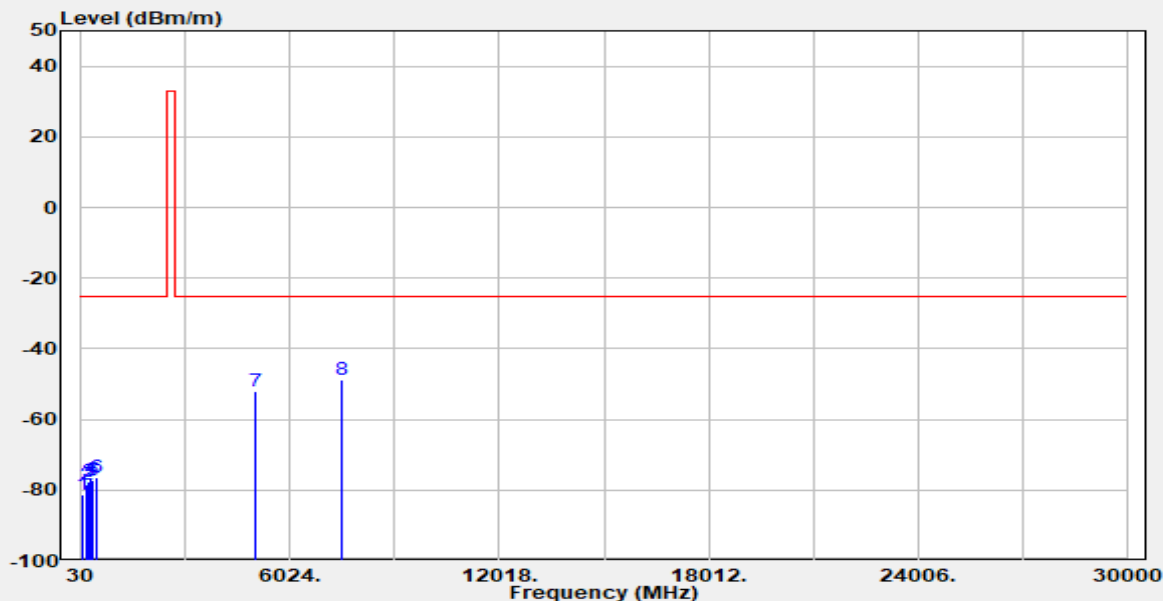
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-77.18	-63.63	-12.27	-1.28	-25.00	-52.18
91.110	-83.28	-80.69	-0.84	-1.75	-25.00	-58.28
176.470	-81.79	-80.07	0.71	-2.43	-25.00	-56.79
345.250	-78.08	-78.74	4.05	-3.39	-25.00	-53.08
412.180	-77.14	-77.52	4.08	-3.70	-25.00	-52.14
562.530	-75.85	-75.90	4.38	-4.33	-25.00	-50.85
5007.000	-53.13	-52.23	12.40	-13.30	-25.00	-28.13
7510.500	-39.82	-34.40	11.02	-16.44	-25.00	-14.82
12517.500	-36.94	-28.99	13.54	-21.48	-25.00	-11.94

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n41
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2503.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



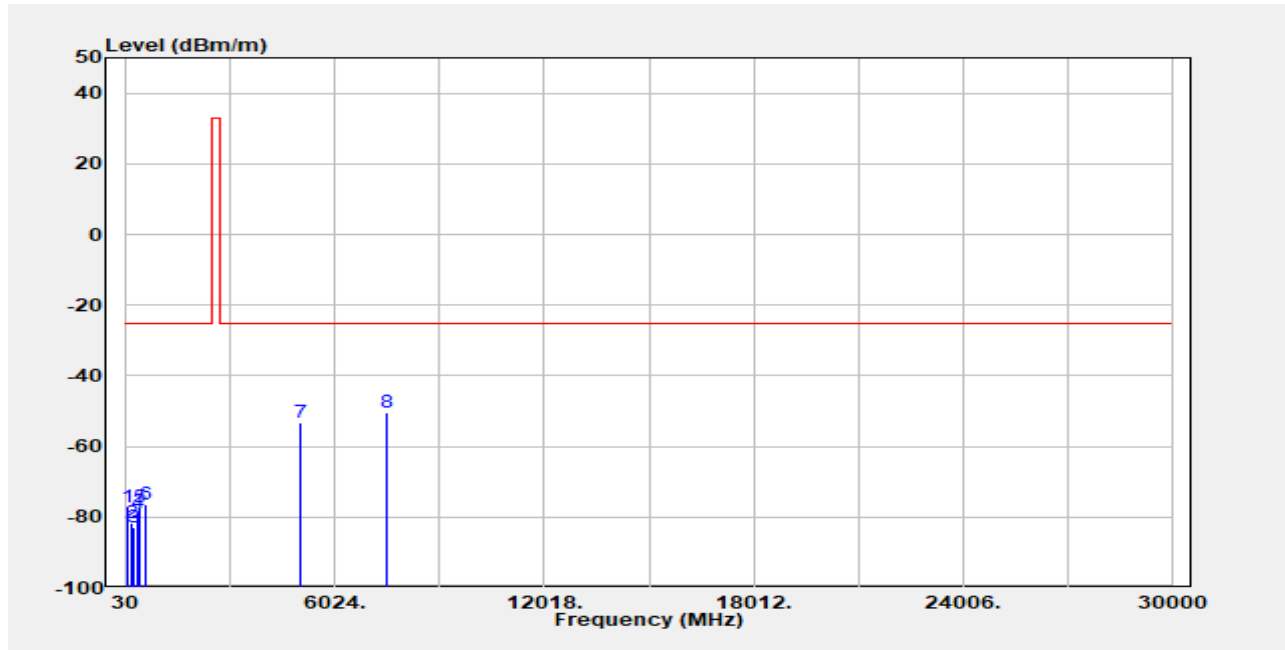
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-81.38	-76.80	-2.94	-1.64	-25.00	-56.38
180.350	-78.38	-77.20	1.27	-2.45	-25.00	-53.38
233.700	-77.51	-78.90	4.18	-2.79	-25.00	-52.51
278.320	-76.72	-77.38	3.70	-3.05	-25.00	-51.72
359.800	-77.31	-78.06	4.21	-3.46	-25.00	-52.31
470.380	-76.35	-76.32	3.93	-3.96	-25.00	-51.35
5015.040	-52.19	-51.28	12.40	-13.31	-25.00	-27.19
7522.560	-48.88	-43.47	11.05	-16.45	-25.00	-23.88

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n41
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :2507.52 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



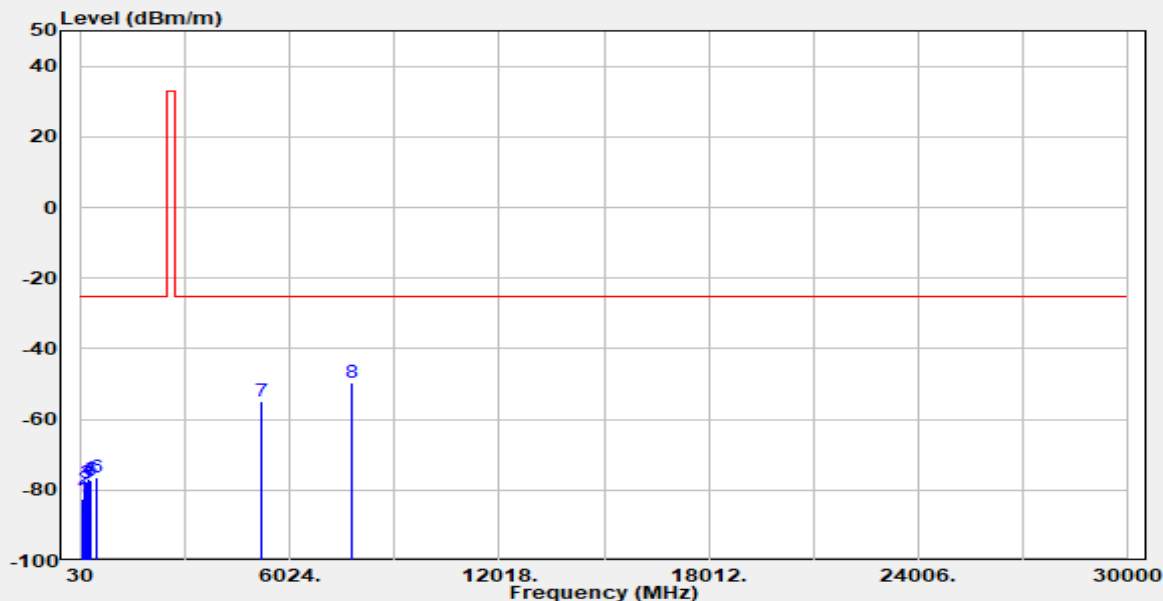
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
54.250	-77.21	-64.67	-11.18	-1.35	-25.00	-52.21
164.830	-81.90	-79.04	-0.51	-2.35	-25.00	-56.90
222.060	-83.05	-85.18	4.85	-2.72	-25.00	-58.05
343.310	-79.01	-79.65	4.03	-3.38	-25.00	-54.01
389.870	-77.44	-77.74	3.90	-3.60	-25.00	-52.44
565.440	-76.53	-76.49	4.30	-4.34	-25.00	-51.53
5015.040	-53.43	-52.52	12.40	-13.31	-25.00	-28.43
7522.560	-50.56	-45.15	11.05	-16.45	-25.00	-25.56

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n41
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2593.02 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



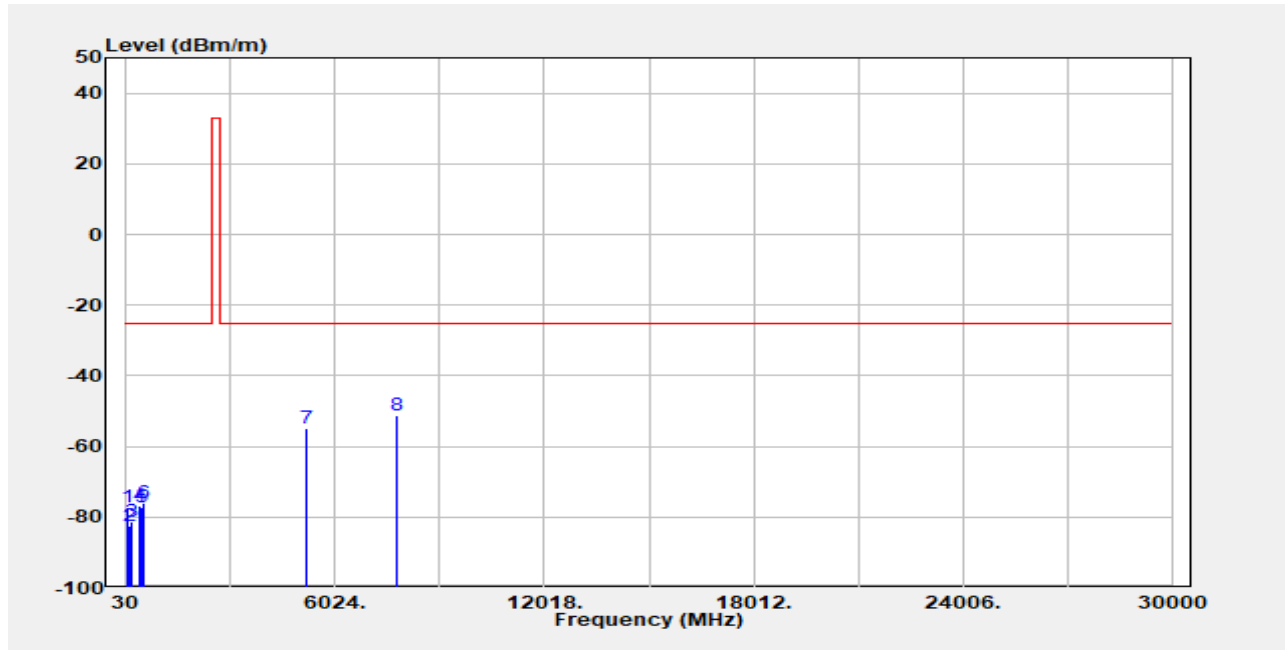
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
81.410	-82.59	-78.37	-2.56	-1.65	-25.00	-57.59
129.910	-79.72	-75.89	-1.74	-2.09	-25.00	-54.72
178.410	-78.23	-76.84	1.05	-2.44	-25.00	-53.23
227.880	-77.02	-79.11	4.84	-2.76	-25.00	-52.02
279.290	-77.25	-77.90	3.71	-3.06	-25.00	-52.25
446.130	-76.44	-76.18	3.59	-3.85	-25.00	-51.44
5186.040	-55.07	-54.05	12.54	-13.56	-25.00	-30.07
7779.060	-49.60	-44.25	11.40	-16.75	-25.00	-24.60

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n41
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2593.02 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



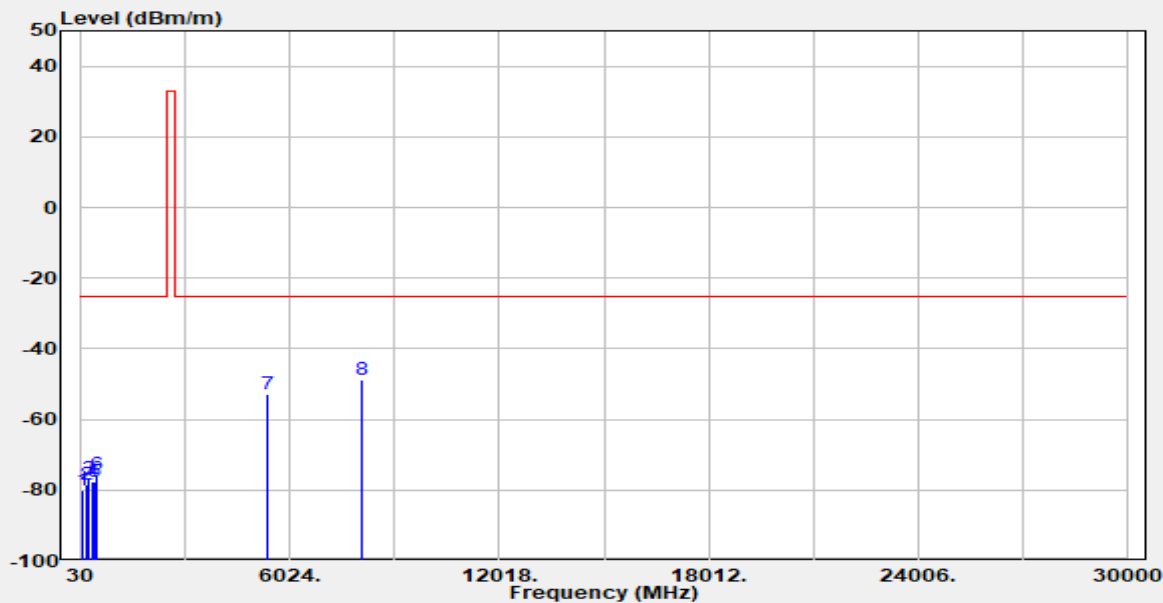
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
49.400	-77.04	-63.64	-12.11	-1.29	-25.00	-52.04
127.970	-82.63	-78.88	-1.68	-2.07	-25.00	-57.63
176.470	-81.33	-79.61	0.71	-2.43	-25.00	-56.33
385.990	-76.95	-77.25	3.89	-3.58	-25.00	-51.95
444.190	-77.12	-76.84	3.57	-3.85	-25.00	-52.12
548.950	-75.86	-76.16	4.57	-4.28	-25.00	-50.86
5186.040	-54.87	-53.85	12.54	-13.56	-25.00	-29.87
7779.060	-51.02	-45.67	11.40	-16.75	-25.00	-26.02

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n41
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2682.48 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



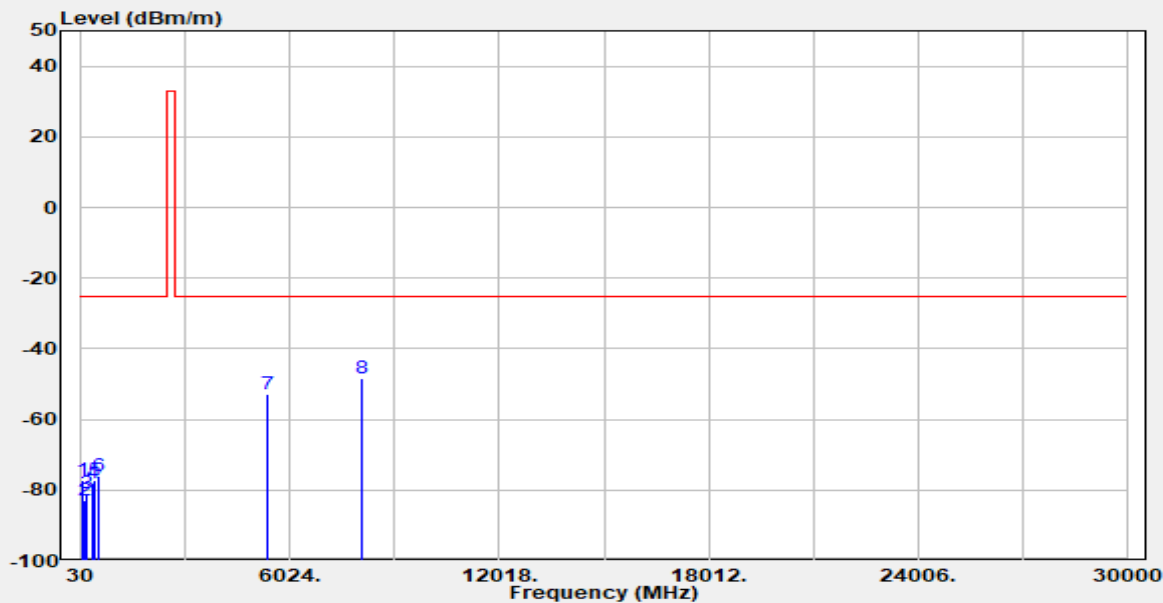
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
58.130	-80.12	-68.50	-10.22	-1.40	-25.00	-55.12
180.350	-78.51	-77.33	1.27	-2.45	-25.00	-53.51
233.700	-76.71	-78.10	4.18	-2.79	-25.00	-51.71
369.500	-77.80	-78.44	4.15	-3.51	-25.00	-52.80
418.970	-77.55	-77.96	4.14	-3.73	-25.00	-52.55
492.690	-75.71	-75.63	3.97	-4.05	-25.00	-50.71
5364.960	-52.67	-51.94	13.07	-13.80	-25.00	-27.67
8047.440	-48.89	-42.73	10.90	-17.06	-25.00	-23.89

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n41
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2682.48 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



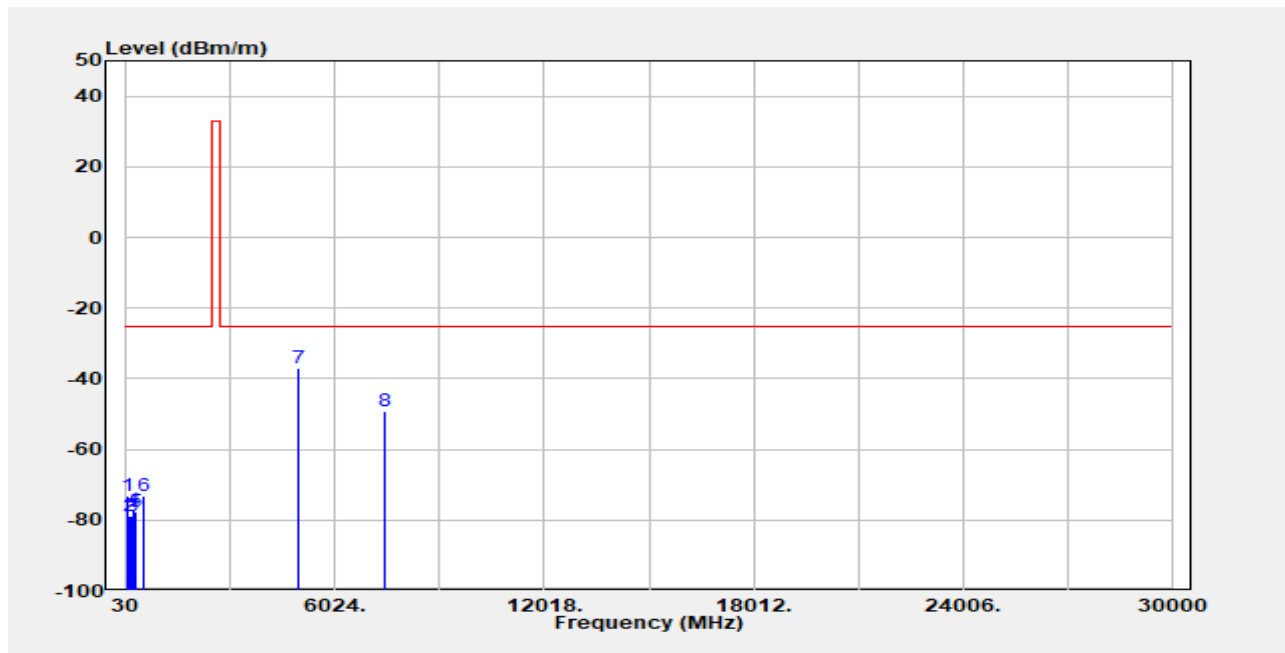
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
49.400	-77.05	-63.65	-12.11	-1.29	-25.00	-52.05
107.600	-82.90	-79.48	-1.52	-1.90	-25.00	-57.90
170.650	-80.95	-78.52	-0.04	-2.39	-25.00	-55.95
345.250	-77.90	-78.55	4.05	-3.39	-25.00	-52.90
398.600	-77.18	-77.46	3.92	-3.64	-25.00	-52.18
542.160	-76.01	-76.17	4.41	-4.25	-25.00	-51.01
5364.960	-52.93	-52.20	13.07	-13.80	-25.00	-27.93
8047.440	-48.57	-42.41	10.90	-17.06	-25.00	-23.57

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n53
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2488.5 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



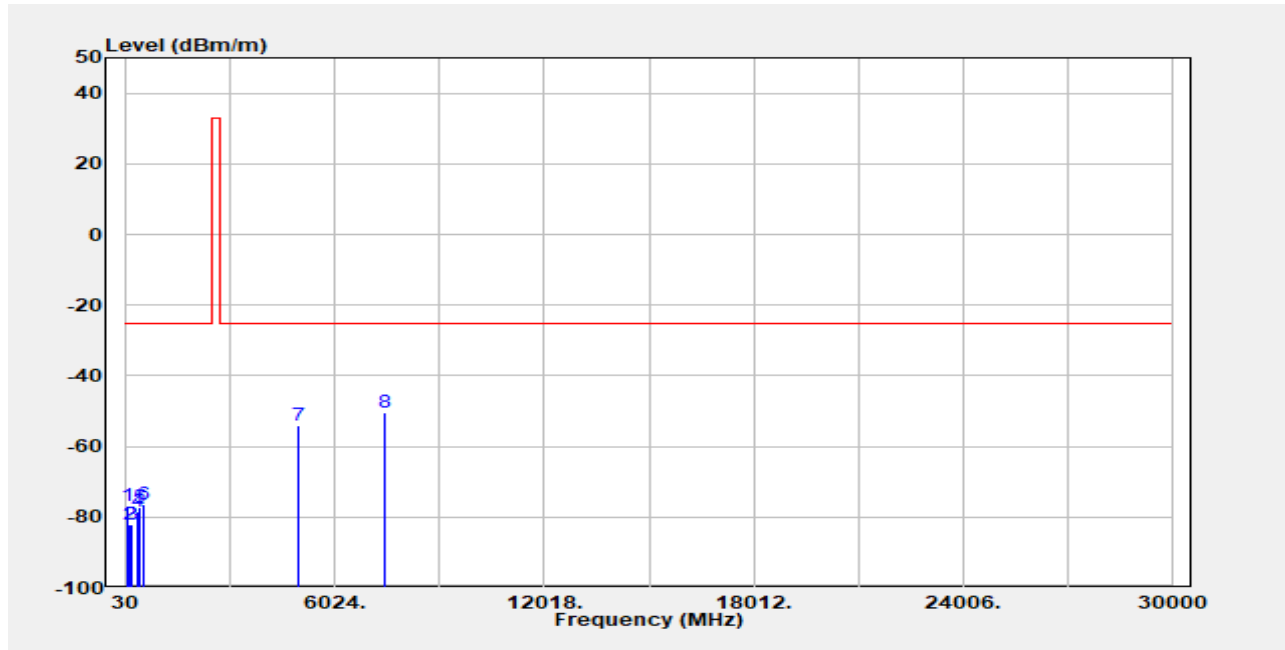
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
68.800	-73.12	-64.53	-7.07	-1.52	-25.00	-48.12
129.910	-79.01	-75.19	-1.74	-2.09	-25.00	-54.01
180.350	-78.73	-77.55	1.27	-2.45	-25.00	-53.73
232.730	-77.22	-78.75	4.32	-2.79	-25.00	-52.22
280.260	-77.81	-78.46	3.72	-3.06	-25.00	-52.81
533.430	-73.03	-72.91	4.09	-4.21	-25.00	-48.03
4977.000	-36.80	-35.98	12.45	-13.26	-25.00	-11.80
7465.500	-49.37	-43.90	10.93	-16.40	-25.00	-24.37

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n53
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :2488.5 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



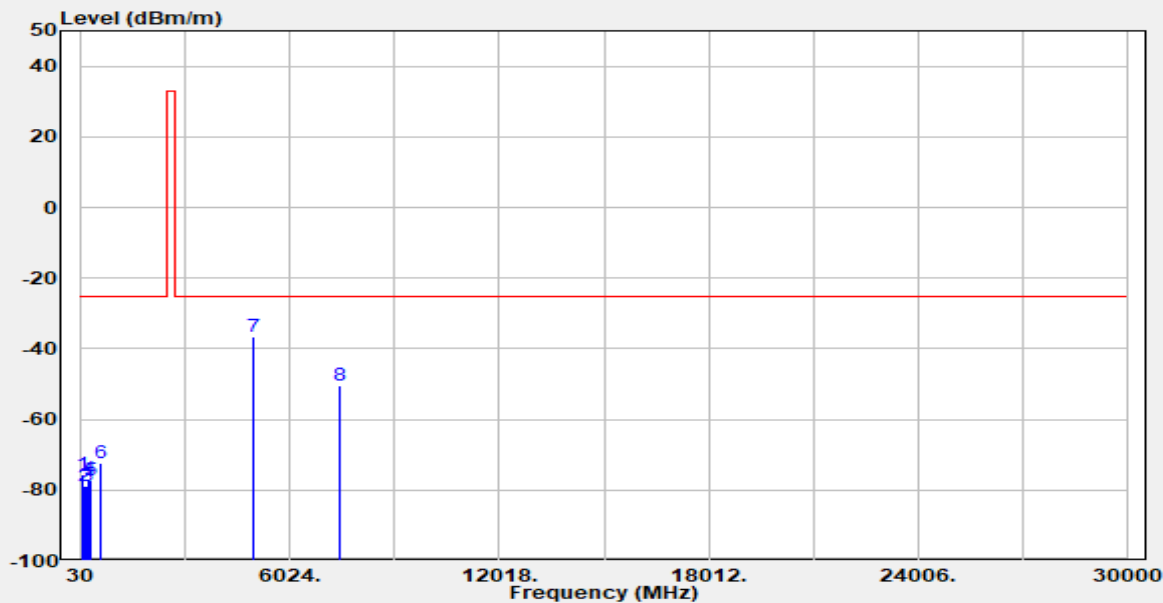
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
50.370	-76.96	-63.70	-11.95	-1.30	-25.00	-51.96
121.180	-82.24	-78.75	-1.47	-2.02	-25.00	-57.24
166.770	-81.96	-79.12	-0.48	-2.36	-25.00	-56.96
346.220	-78.38	-79.06	4.07	-3.39	-25.00	-53.38
398.600	-77.09	-77.36	3.92	-3.64	-25.00	-52.09
547.980	-76.36	-76.65	4.56	-4.27	-25.00	-51.36
4977.000	-54.07	-53.26	12.45	-13.26	-25.00	-29.07
7465.500	-50.29	-44.82	10.93	-16.40	-25.00	-25.29

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n53
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2489 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



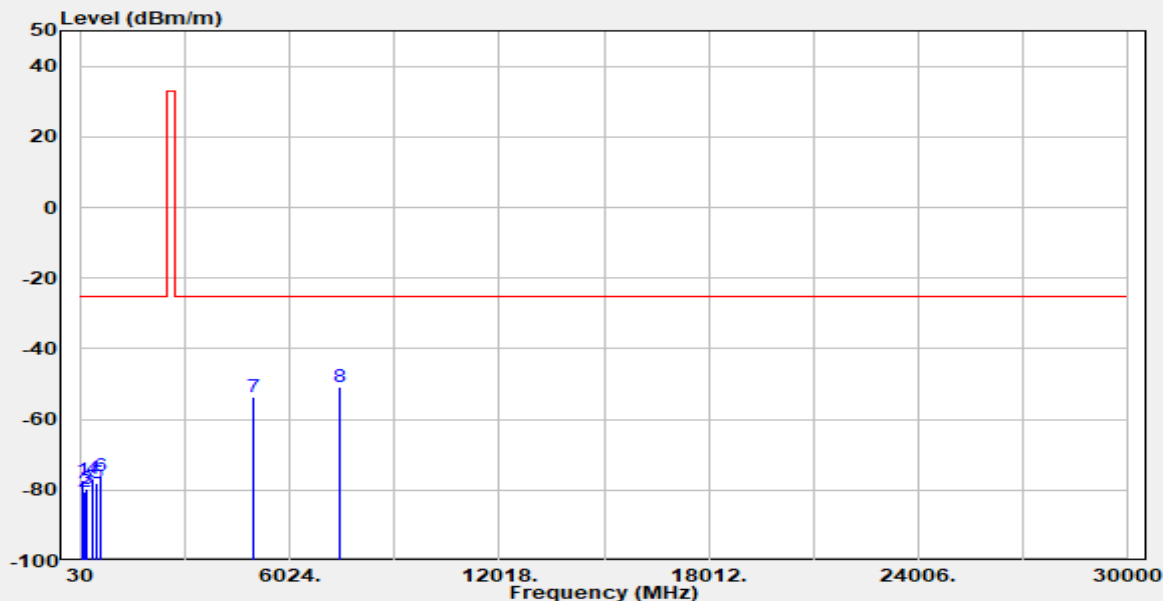
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
66.860	-75.79	-66.60	-7.70	-1.50	-25.00	-50.79
131.850	-78.90	-75.08	-1.72	-2.10	-25.00	-53.90
184.230	-78.73	-78.17	1.91	-2.48	-25.00	-53.73
230.790	-76.95	-78.77	4.60	-2.77	-25.00	-51.95
278.320	-77.20	-77.85	3.70	-3.05	-25.00	-52.20
565.440	-72.47	-72.43	4.30	-4.34	-25.00	-47.47
4978.000	-36.47	-35.65	12.44	-13.26	-25.00	-11.47
7467.000	-50.59	-45.12	10.93	-16.40	-25.00	-25.59

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n53
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :2489 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



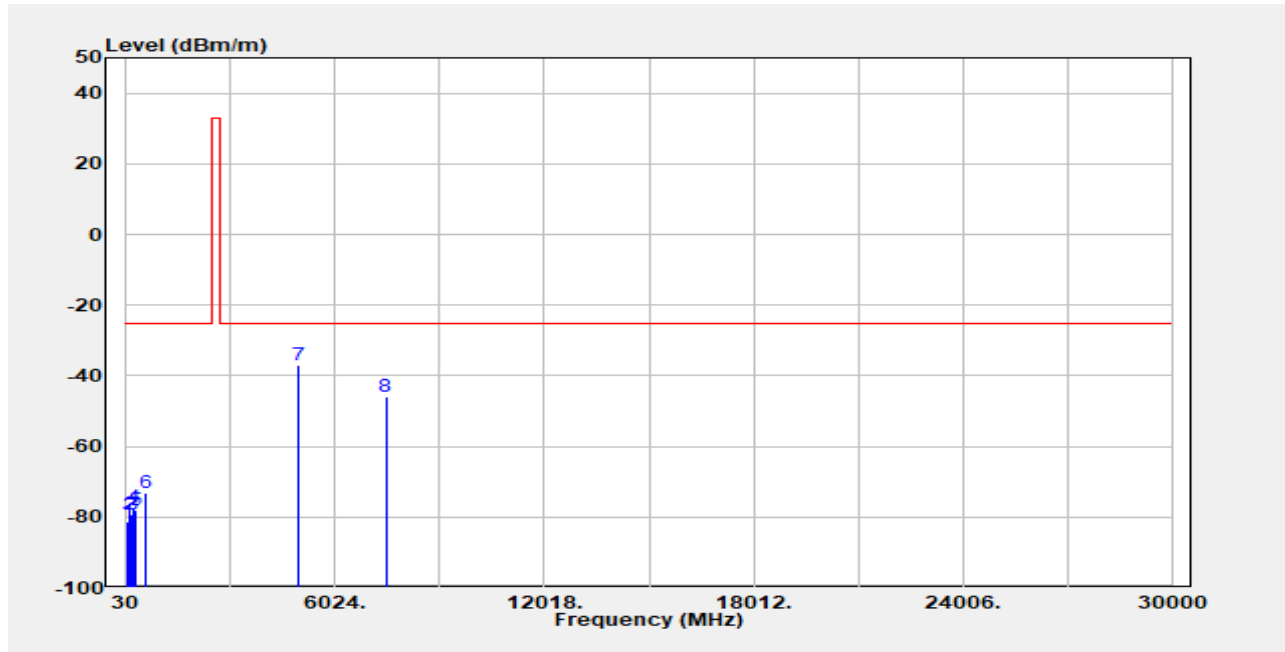
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
48.430	-77.06	-63.52	-12.27	-1.28	-25.00	-52.06
107.600	-80.59	-77.16	-1.52	-1.90	-25.00	-55.59
186.170	-79.62	-79.33	2.20	-2.49	-25.00	-54.62
376.290	-76.90	-77.39	4.04	-3.54	-25.00	-51.90
458.740	-77.92	-77.85	3.84	-3.90	-25.00	-52.92
568.350	-75.89	-75.71	4.17	-4.35	-25.00	-50.89
4978.000	-53.50	-52.69	12.44	-13.26	-25.00	-28.50
7467.000	-50.67	-45.20	10.93	-16.40	-25.00	-25.67

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n53
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :2490 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Vertical
 Engineer :Nick Lin



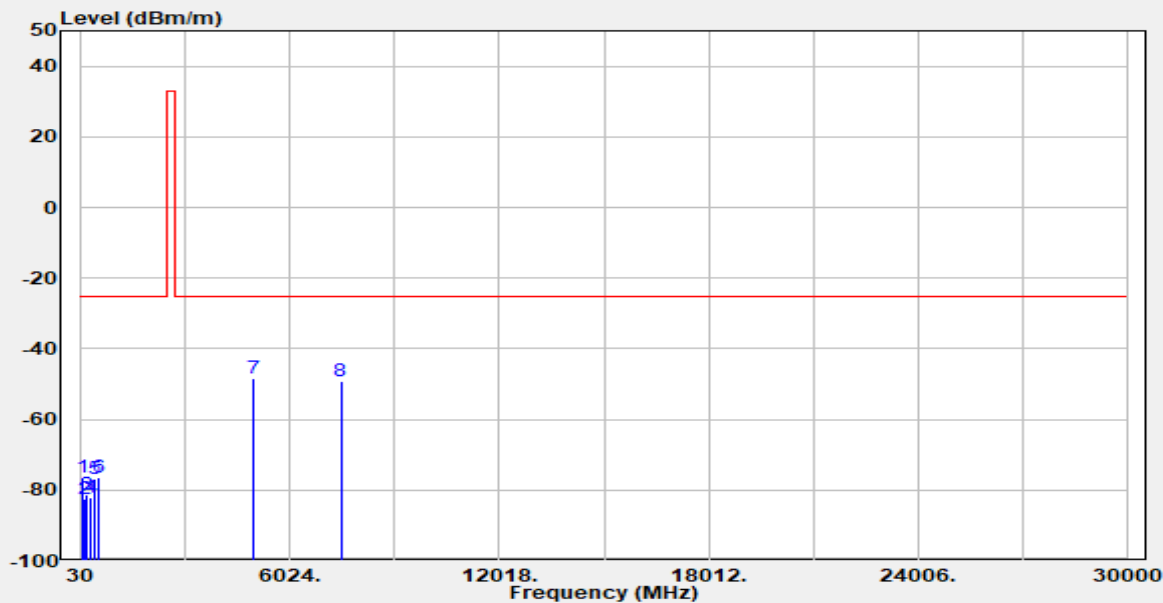
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
81.410	-81.41	-77.19	-2.56	-1.65	-25.00	-56.41
127.970	-79.18	-75.43	-1.68	-2.07	-25.00	-54.18
182.290	-79.07	-78.23	1.62	-2.47	-25.00	-54.07
236.610	-77.36	-78.45	3.90	-2.81	-25.00	-52.36
279.290	-78.03	-78.69	3.71	-3.06	-25.00	-53.03
561.560	-73.11	-73.19	4.40	-4.33	-25.00	-48.11
4980.000	-37.17	-36.35	12.44	-13.26	-25.00	-12.17
7470.000	-45.74	-40.27	10.94	-16.41	-25.00	-20.74

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n53
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :2490 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



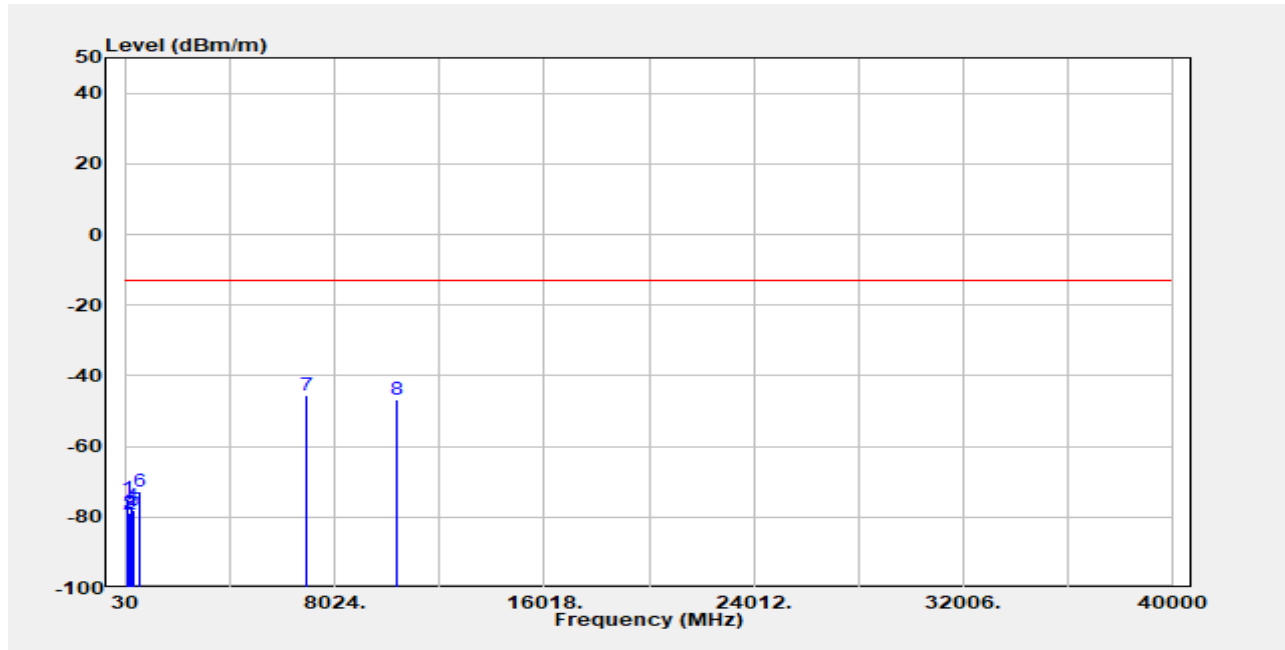
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
51.340	-76.27	-63.11	-11.84	-1.32	-25.00	-51.27
127.970	-82.49	-78.74	-1.68	-2.07	-25.00	-57.49
169.680	-81.43	-78.95	-0.09	-2.39	-25.00	-56.43
293.840	-81.92	-82.56	3.77	-3.13	-25.00	-56.92
385.020	-76.84	-77.15	3.89	-3.58	-25.00	-51.84
550.890	-76.39	-76.68	4.57	-4.28	-25.00	-51.39
4980.000	-48.32	-47.50	12.44	-13.26	-25.00	-23.32
7470.000	-49.22	-43.75	10.94	-16.41	-25.00	-24.22

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3460.02 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



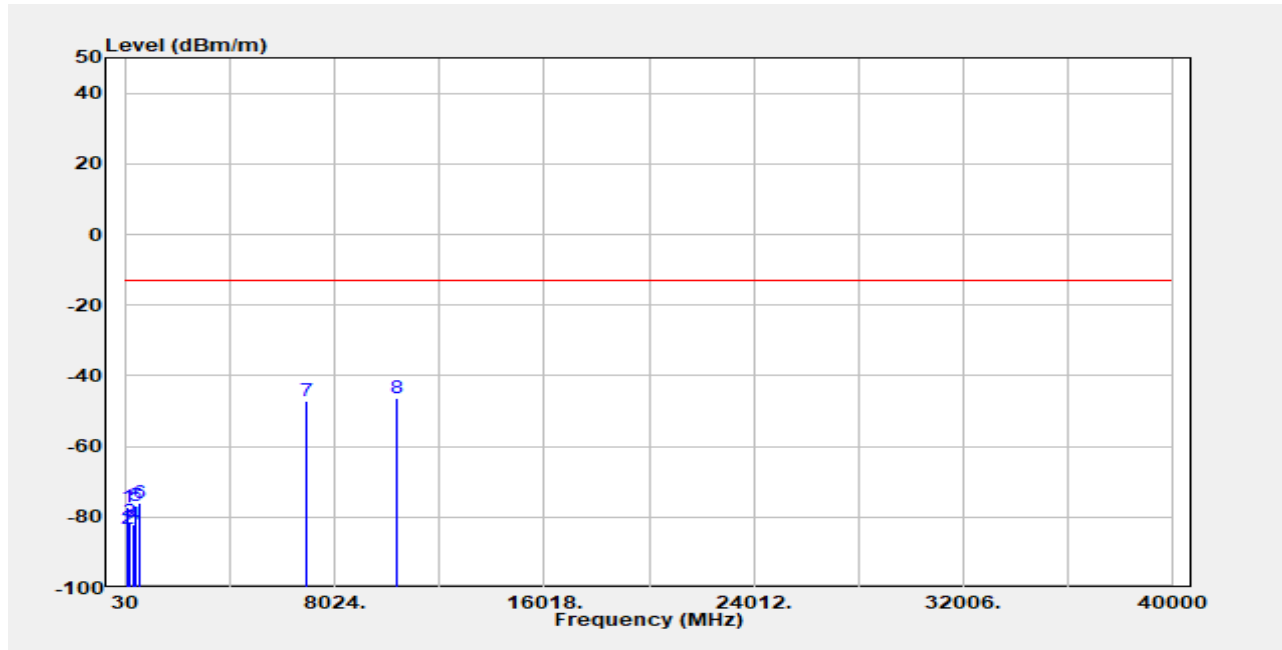
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
69.770	-74.99	-66.77	-6.69	-1.53	-13.00	-61.99
136.700	-79.29	-75.45	-1.71	-2.14	-13.00	-66.29
177.440	-79.01	-77.48	0.91	-2.43	-13.00	-66.01
233.700	-77.00	-78.39	4.18	-2.79	-13.00	-64.00
275.410	-77.93	-78.57	3.67	-3.04	-13.00	-64.93
563.500	-72.83	-72.86	4.36	-4.33	-13.00	-59.83
6920.040	-45.45	-41.50	11.82	-15.77	-13.00	-32.45
10380.060	-46.95	-38.90	11.40	-19.45	-13.00	-33.95

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n77
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3460.02 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



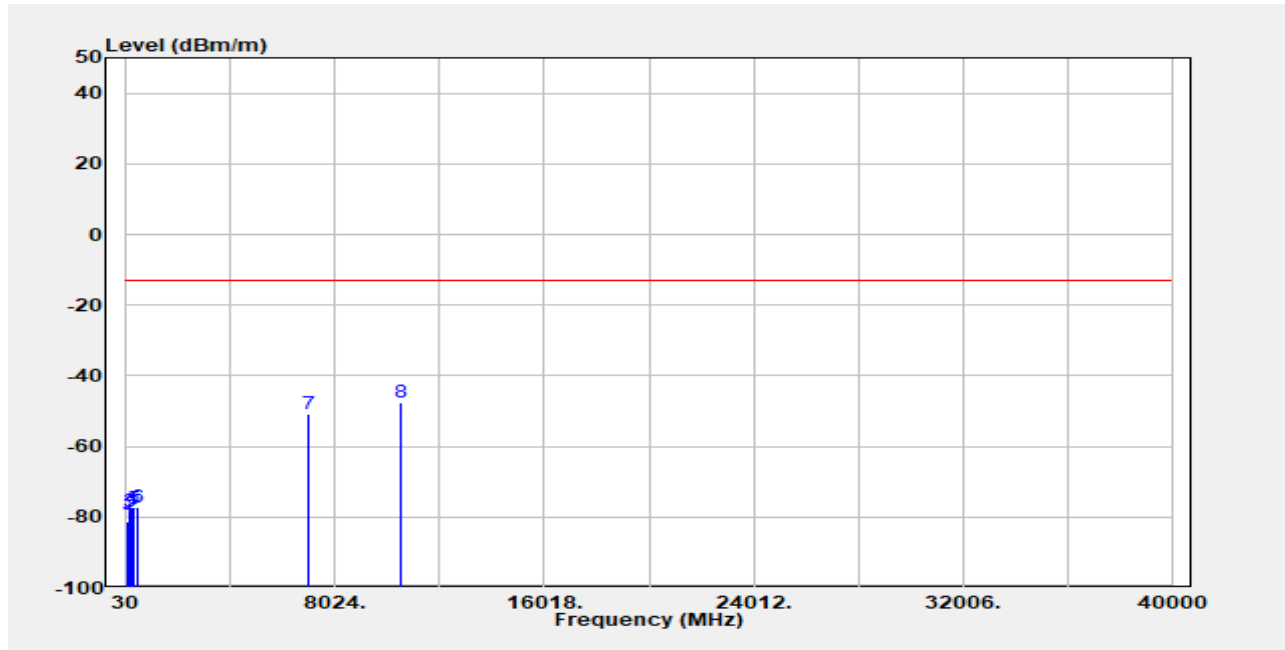
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
50.370	-77.09	-63.84	-11.95	-1.30	-13.00	-64.09
104.690	-83.25	-79.81	-1.56	-1.87	-13.00	-70.25
174.530	-81.27	-79.31	0.46	-2.42	-13.00	-68.27
287.050	-82.06	-82.67	3.70	-3.10	-13.00	-69.06
392.780	-76.75	-77.04	3.91	-3.61	-13.00	-63.75
562.530	-75.89	-75.94	4.38	-4.33	-13.00	-62.89
6920.040	-47.17	-43.22	11.82	-15.77	-13.00	-34.17
10380.060	-46.45	-38.40	11.40	-19.45	-13.00	-33.45

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3500.01 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



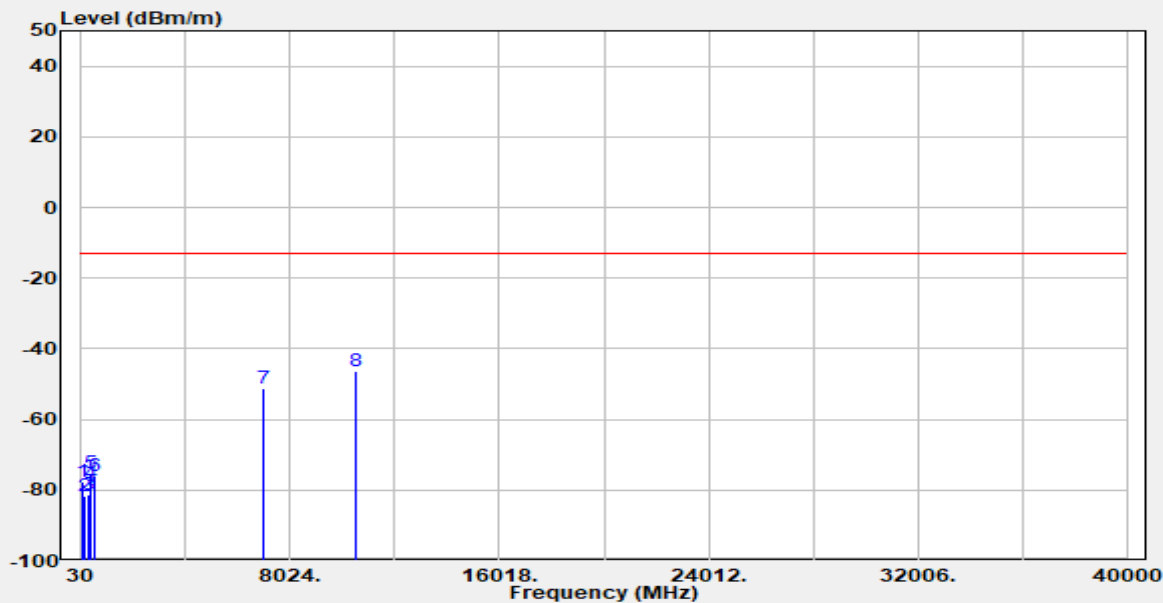
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
81.410	-81.20	-76.98	-2.56	-1.65	-13.00	-68.20
136.700	-79.37	-75.52	-1.71	-2.14	-13.00	-66.37
182.290	-78.65	-77.81	1.62	-2.47	-13.00	-65.65
232.730	-77.55	-79.08	4.32	-2.79	-13.00	-64.55
278.320	-77.46	-78.12	3.70	-3.05	-13.00	-64.46
426.730	-77.29	-77.50	3.98	-3.77	-13.00	-64.29
7000.020	-50.89	-46.42	11.40	-15.87	-13.00	-37.89
10500.030	-47.65	-39.47	11.40	-19.58	-13.00	-34.65

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3500.01 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	@3m	dB
		dBm	dBi/dBd	dB	dBm	
50.370	-77.70	-64.44	-11.95	-1.30	-13.00	-64.70
161.920	-81.58	-78.41	-0.84	-2.33	-13.00	-68.58
298.690	-81.37	-82.03	3.81	-3.15	-13.00	-68.37
353.980	-78.06	-78.88	4.26	-3.43	-13.00	-65.06
382.110	-75.33	-75.70	3.94	-3.57	-13.00	-62.33
564.470	-76.14	-76.14	4.33	-4.34	-13.00	-63.14
7000.020	-51.03	-46.56	11.40	-15.87	-13.00	-38.03
10500.030	-46.33	-38.15	11.40	-19.58	-13.00	-33.33

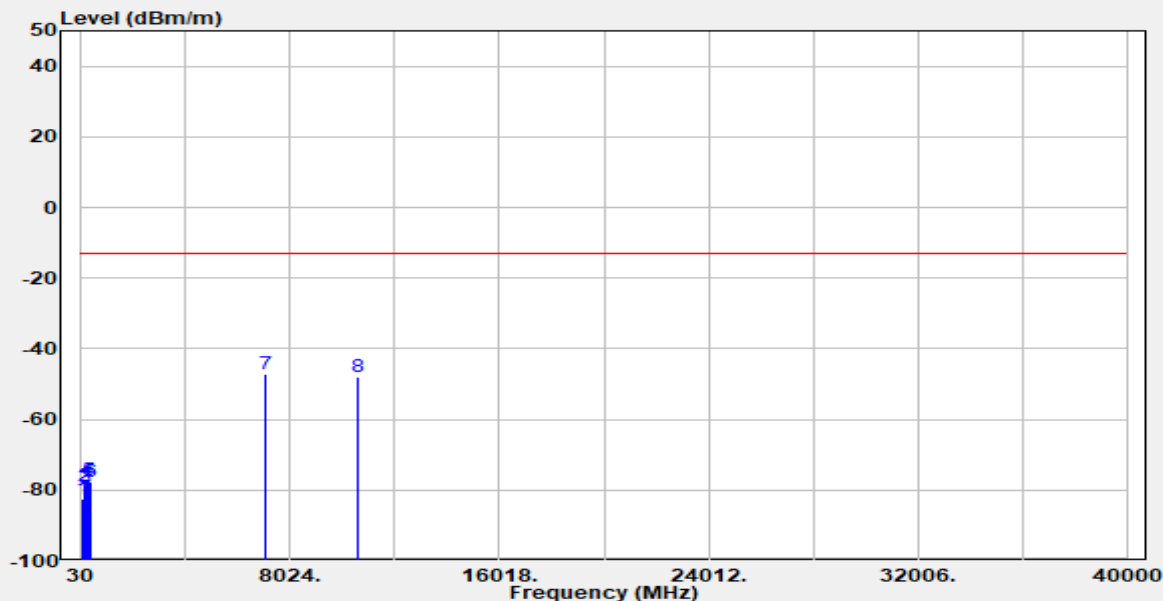
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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3540 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	@3m	dB
		dBm	dBi/dBd	dB	dBm	
81.410	-82.39	-78.17	-2.56	-1.65	-13.00	-69.39
138.640	-78.99	-74.99	-1.85	-2.15	-13.00	-65.99
177.440	-79.34	-77.81	0.91	-2.43	-13.00	-66.34
229.820	-77.28	-79.23	4.72	-2.77	-13.00	-64.28
279.290	-77.36	-78.02	3.71	-3.06	-13.00	-64.36
366.590	-77.81	-78.52	4.20	-3.49	-13.00	-64.81
7080.000	-47.02	-42.14	11.08	-15.97	-13.00	-34.02
10620.000	-48.09	-39.78	11.34	-19.66	-13.00	-35.09

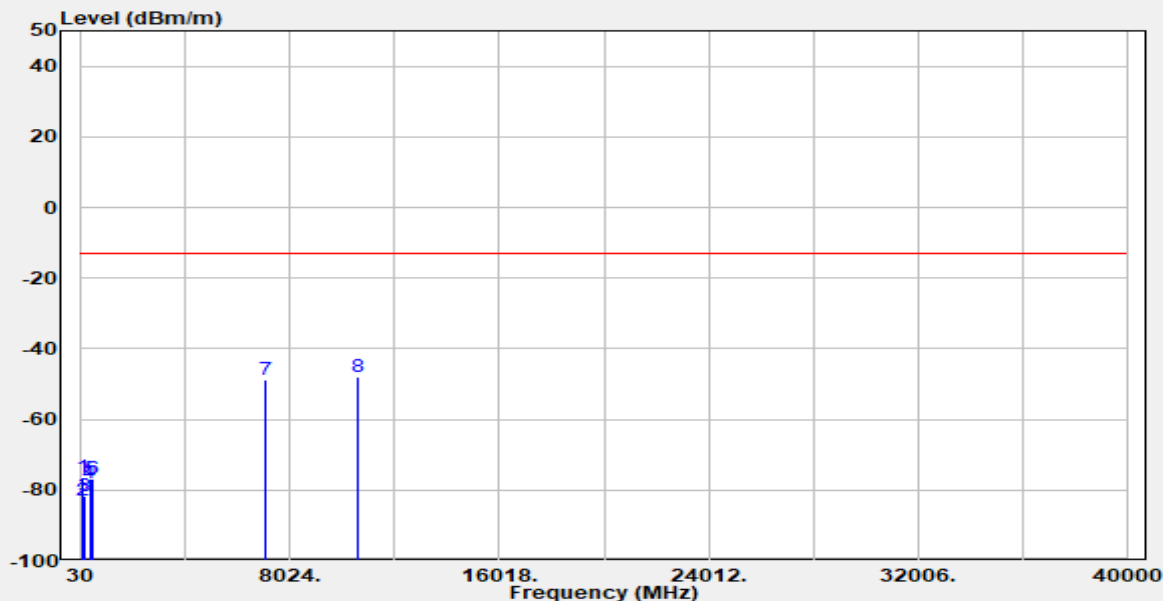
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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3540 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



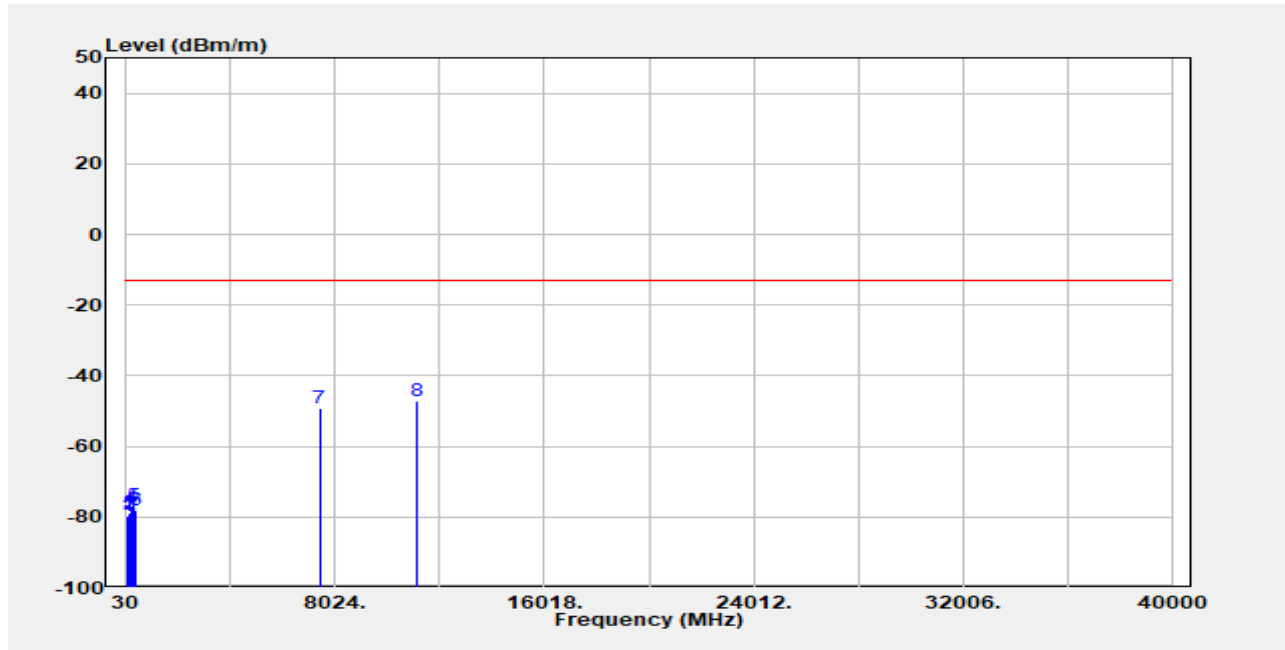
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
50.370	-76.31	-63.05	-11.95	-1.30	-13.00	-63.31
90.140	-82.97	-80.30	-0.93	-1.74	-13.00	-69.97
152.220	-81.56	-77.75	-1.55	-2.26	-13.00	-68.56
345.250	-78.01	-78.67	4.05	-3.39	-13.00	-65.01
385.020	-76.66	-76.97	3.89	-3.58	-13.00	-63.66
450.010	-76.87	-76.74	3.74	-3.87	-13.00	-63.87
7080.000	-48.72	-43.83	11.08	-15.97	-13.00	-35.72
10620.000	-47.83	-39.51	11.34	-19.66	-13.00	-34.83

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3707.52 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



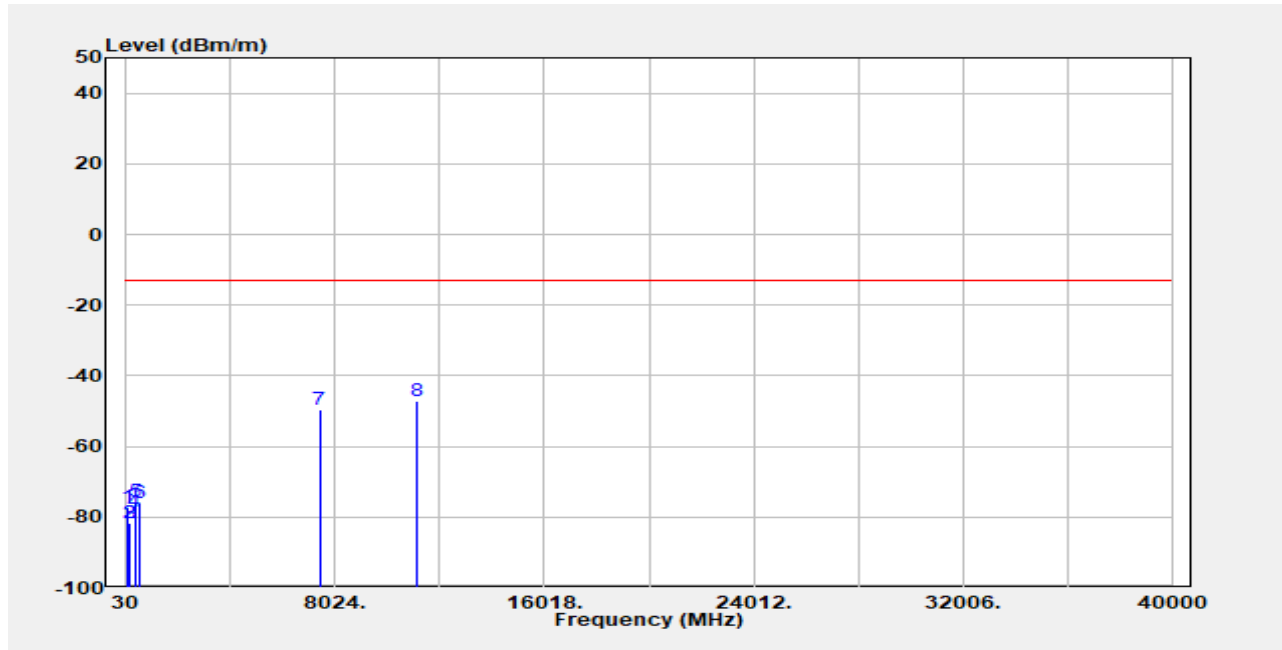
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
74.620	-79.61	-72.96	-5.07	-1.58	-13.00	-66.61
133.790	-79.45	-75.58	-1.75	-2.12	-13.00	-66.45
180.350	-78.72	-77.55	1.27	-2.45	-13.00	-65.72
232.730	-77.44	-78.97	4.32	-2.79	-13.00	-64.44
282.200	-76.67	-77.30	3.70	-3.07	-13.00	-63.67
371.440	-77.88	-78.48	4.12	-3.52	-13.00	-64.88
7415.040	-49.05	-43.59	10.90	-16.36	-13.00	-36.05
11122.560	-47.28	-38.60	11.49	-20.18	-13.00	-34.28

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Report Number :TERF2410003183ER
 Operation Mode :RedCap_n77
 Test Mode :Tx
 EUT Pol :H Plane
 Test Frequency :3707.52 MHz

Test Site :SAC 3
 Test Date :2024-12-06
 Temp./Humi. :22.1°C/62%
 Antenna Pol. :Horizontal
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
50.370	-77.29	-64.03	-11.95	-1.30	-13.00	-64.29
135.730	-81.90	-78.00	-1.77	-2.13	-13.00	-68.90
178.410	-81.51	-80.12	1.05	-2.44	-13.00	-68.51
345.250	-78.65	-79.30	4.05	-3.39	-13.00	-65.65
398.600	-75.71	-75.98	3.92	-3.64	-13.00	-62.71
556.710	-75.90	-76.06	4.46	-4.31	-13.00	-62.90
7415.040	-49.40	-43.95	10.90	-16.36	-13.00	-36.40
11122.560	-47.30	-38.62	11.49	-20.18	-13.00	-34.30

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SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

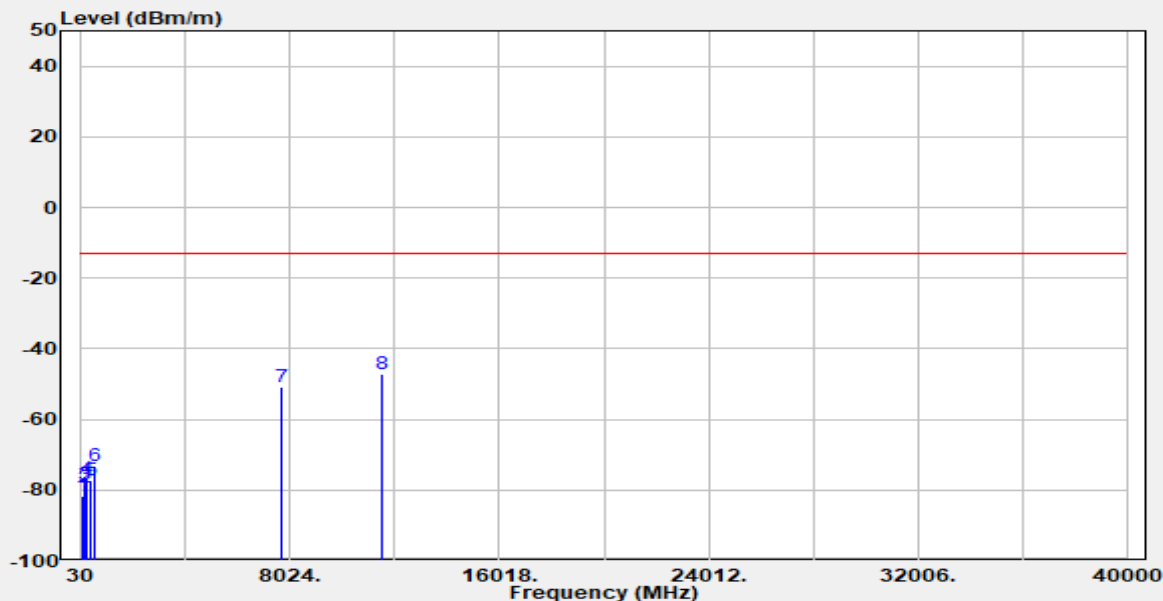
f (886-2) 2298-0488

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3840 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-81.63	-77.05	-2.94	-1.64	-13.00	-68.63
132.820	-79.38	-75.61	-1.65	-2.11	-13.00	-66.38
179.380	-78.30	-77.01	1.16	-2.45	-13.00	-65.30
231.760	-76.96	-78.64	4.46	-2.78	-13.00	-63.96
372.410	-77.20	-77.78	4.10	-3.52	-13.00	-64.20
564.470	-73.13	-73.12	4.33	-4.34	-13.00	-60.13
7680.000	-50.72	-45.49	11.42	-16.65	-13.00	-37.72
11520.000	-47.13	-38.11	11.54	-20.57	-13.00	-34.13

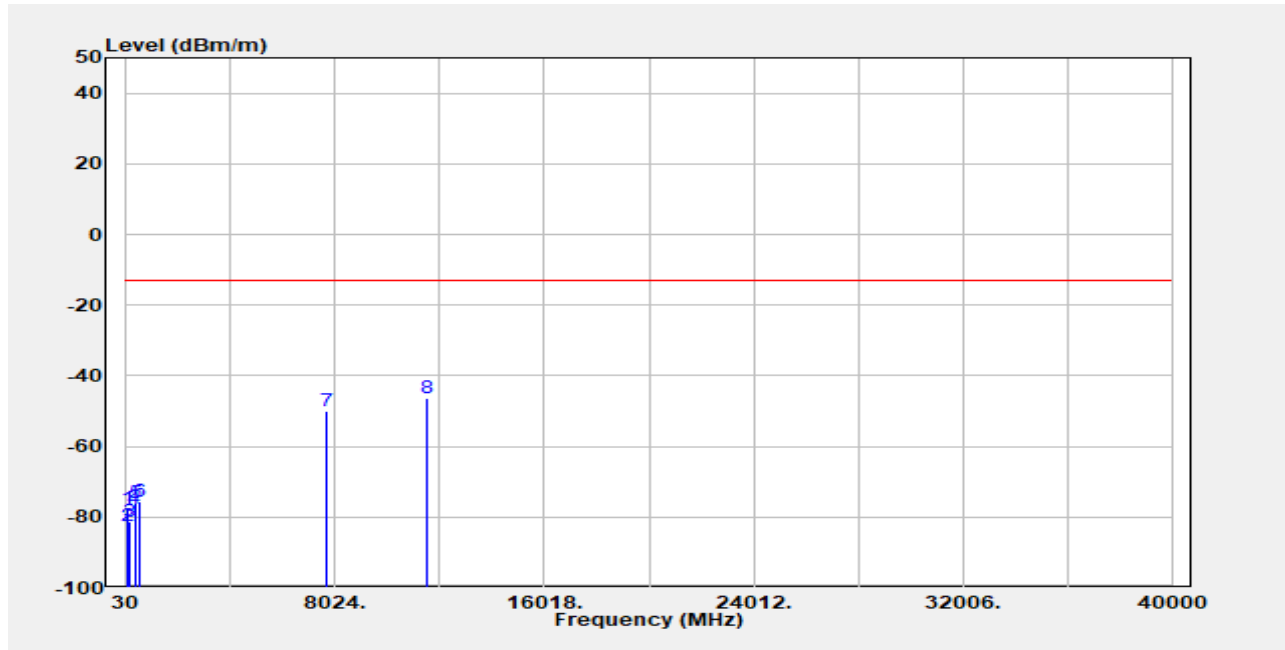
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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3840 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



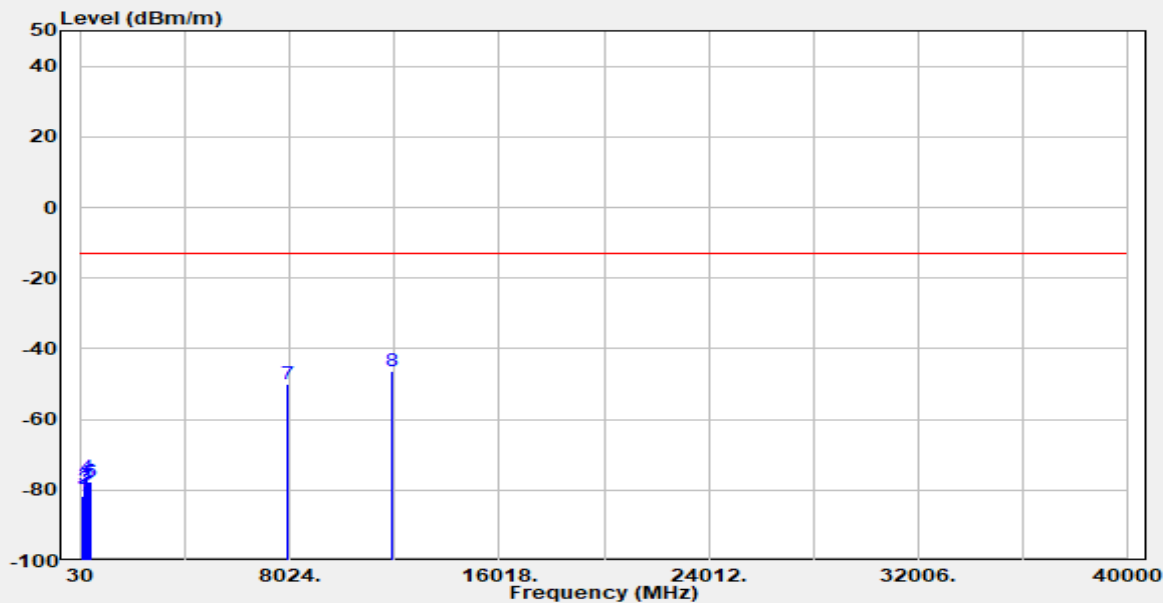
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
51.340	-77.48	-64.32	-11.84	-1.32	-13.00	-64.48
77.530	-82.64	-77.11	-3.92	-1.61	-13.00	-69.64
176.470	-81.50	-79.78	0.71	-2.43	-13.00	-68.50
347.190	-77.72	-78.41	4.09	-3.40	-13.00	-64.72
382.110	-76.21	-76.59	3.94	-3.57	-13.00	-63.21
549.920	-75.63	-75.94	4.59	-4.28	-13.00	-62.63
7680.000	-50.16	-44.93	11.42	-16.65	-13.00	-37.16
11520.000	-46.35	-37.32	11.54	-20.57	-13.00	-33.35

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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3972.48 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Vertical
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	@3m	dB
		dBm	dBi/dBd	dB	dBm	
81.410	-81.84	-77.62	-2.56	-1.65	-13.00	-68.84
131.850	-79.49	-75.67	-1.72	-2.10	-13.00	-66.49
183.260	-78.84	-78.14	1.77	-2.47	-13.00	-65.84
228.850	-76.49	-78.51	4.78	-2.76	-13.00	-63.49
274.440	-77.91	-78.56	3.69	-3.03	-13.00	-64.91
407.330	-77.82	-78.12	3.98	-3.68	-13.00	-64.82
7944.960	-49.82	-44.03	11.13	-16.92	-13.00	-36.82
11917.440	-46.50	-38.31	12.73	-20.93	-13.00	-33.50

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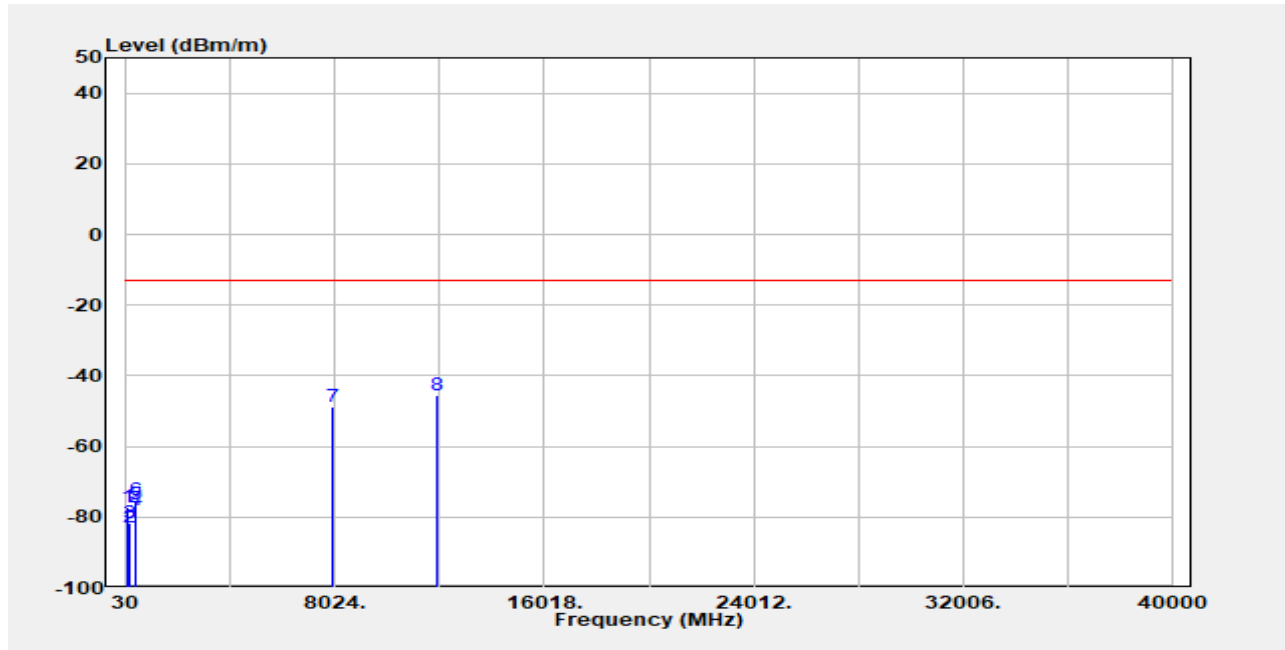
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Report Number :TERF2410003183ER
Operation Mode :RedCap_n77
Test Mode :Tx
EUT Pol :H Plane
Test Frequency :3972.48 MHz

Test Site :SAC 3
Test Date :2024-12-06
Temp./Humi. :22.1°C/62%
Antenna Pol. :Horizontal
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	@3m dBm	dB
51.340	-77.20	-64.04	-11.84	-1.32	-13.00	-64.20
118.270	-82.80	-79.24	-1.56	-1.99	-13.00	-69.80
163.860	-81.67	-78.60	-0.73	-2.34	-13.00	-68.67
348.160	-78.07	-78.78	4.12	-3.40	-13.00	-65.07
367.560	-76.36	-77.05	4.18	-3.50	-13.00	-63.36
408.300	-75.26	-75.58	4.00	-3.68	-13.00	-62.26
7944.960	-48.67	-42.87	11.13	-16.92	-13.00	-35.67
11917.440	-45.51	-37.31	12.73	-20.93	-13.00	-32.51

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6 FREQUENCY STABILITY MEASUREMENT

Note: The module's normal voltage is 3.3Vdc.

5G NR BAND n2				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	20MHz
CH	376000		Frequency(MHz):	1880.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1879.999986	-0.0077	+/- 2.5 ppm
3.3	20	1879.999973	-0.0146	
2.81	20	1879.999989	-0.0056	
2.5 (End Point)	20	1880.000014	0.0072	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1879.999979	-0.0112	+/- 2.5 ppm
3.3	-20	1879.999978	-0.0119	
3.3	-10	1880.000028	0.0150	
3.3	0	1879.999974	-0.0138	
3.3	10	1880.000015	0.0080	
3.3	20	1880.000022	0.0115	
3.3	30	1879.999974	-0.0138	
3.3	40	1879.999976	-0.0126	
3.3	50	1880.000027	0.0144	

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5G NR BAND n5				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	167300		Frequency(MHz):	836.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	836.500024	0.0286	+/- 2.5 ppm
3.3	20	836.499978	-0.0258	
2.81	20	836.499989	-0.0136	
2.5 (End Point)	20	836.500011	0.0129	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	836.499979	-0.0249	+/- 2.5 ppm
3.3	-20	836.500012	0.0145	
3.3	-10	836.499987	-0.0152	
3.3	0	836.500026	0.0314	
3.3	10	836.499986	-0.0165	
3.3	20	836.499984	-0.0192	
3.3	30	836.499986	-0.0167	
3.3	40	836.500010	0.0115	
3.3	50	836.499992	-0.0090	

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5G NR BAND n7				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	507000		Frequency(MHz):	2535.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2534.999972	-0.0112	+/- 2.5 ppm
3.3	20	2535.000016	0.0065	
2.81	20	2535.000014	0.0055	
2.5 (End Point)	20	2534.999982	-0.0072	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2535.000009	0.0037	+/- 2.5 ppm
3.3	-20	2534.999992	-0.0031	
3.3	-10	2535.000021	0.0082	
3.3	0	2534.999980	-0.0078	
3.3	10	2534.999975	-0.0098	
3.3	20	2534.999994	-0.0023	
3.3	30	2535.000019	0.0073	
3.3	40	2534.999984	-0.0062	
3.3	50	2535.000030	0.0117	

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5G NR BAND n12				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	15MHz
CH	141500		Frequency(MHz):	707.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	707.499984	-0.0220	+/- 2.5 ppm
3.3	20	707.500015	0.0212	
2.81	20	707.499996	-0.0056	
2.5 (End Point)	20	707.500018	0.0253	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	707.499972	-0.0398	+/- 2.5 ppm
3.3	-20	707.499979	-0.0304	
3.3	-10	707.500017	0.0243	
3.3	0	707.500025	0.0351	
3.3	10	707.499979	-0.0302	
3.3	20	707.499990	-0.0142	
3.3	30	707.500029	0.0411	
3.3	40	707.499995	-0.0073	
3.3	50	707.500011	0.0161	

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5G NR BAND n13				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	10MHz
CH	156400		Frequency(MHz):	782.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	781.999979	-0.0264	+/- 2.5 ppm
3.3	20	781.999992	-0.0099	
2.81	20	781.999989	-0.0141	
2.5 (End Point)	20	782.000021	0.0272	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	781.999991	-0.0116	+/- 2.5 ppm
3.3	-20	781.999989	-0.0136	
3.3	-10	781.999992	-0.0105	
3.3	0	781.999979	-0.0270	
3.3	10	782.000015	0.0191	
3.3	20	781.999990	-0.0134	
3.3	30	781.999989	-0.0147	
3.3	40	782.000013	0.0165	
3.3	50	781.999978	-0.0282	

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5G NR BAND n14				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	10MHz
CH	158600		Frequency(MHz):	793.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	793.000021	0.0267	+/- 2.5 ppm
3.3	20	792.999993	-0.0089	
2.81	20	792.999989	-0.0139	
2.5 (End Point)	20	793.000013	0.0162	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	792.999995	-0.0063	+/- 2.5 ppm
3.3	-20	792.999982	-0.0222	
3.3	-10	792.999977	-0.0295	
3.3	0	793.000025	0.0320	
3.3	10	792.999977	-0.0289	
3.3	20	792.999989	-0.0140	
3.3	30	793.000028	0.0356	
3.3	40	792.999991	-0.0117	
3.3	50	793.000009	0.0111	

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5G NR BAND n25				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	376500		Frequency(MHz):	1882.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1882.500017	0.0088	+/- 2.5 ppm
3.3	20	1882.499979	-0.0112	
2.81	20	1882.500013	0.0067	
2.5 (End Point)	20	1882.499992	-0.0042	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1882.499986	-0.0074	+/- 2.5 ppm
3.3	-20	1882.499986	-0.0075	
3.3	-10	1882.500011	0.0060	
3.3	0	1882.500007	0.0039	
3.3	10	1882.499980	-0.0107	
3.3	20	1882.500012	0.0062	
3.3	30	1882.499978	-0.0115	
3.3	40	1882.499981	-0.0103	
3.3	50	1882.500019	0.0101	

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5G NR BAND n26				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	167300		Frequency(MHz):	836.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	836.499990	-0.0114	+/- 2.5 ppm
3.3	20	836.499979	-0.0251	
2.81	20	836.500011	0.0133	
2.5 (End Point)	20	836.500017	0.0202	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	818.999980	-0.0234	+/- 2.5 ppm
3.3	-20	818.999972	-0.0335	
3.3	-10	818.999988	-0.0145	
3.3	0	818.999983	-0.0203	
3.3	10	819.000029	0.0351	
3.3	20	818.999983	-0.0198	
3.3	30	819.000013	0.0153	
3.3	40	818.999973	-0.0324	
3.3	50	819.000021	0.0246	

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5G NR BAND n26 Part90s				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	10MHz
CH	163800		Frequency(MHz):	819.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	818.999990	-0.0117	+/- 2.5 ppm
3.3	20	818.999984	-0.0193	
2.81	20	819.000005	0.0064	
2.5 (End Point)	20	818.999981	-0.0235	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	819.000012	0.0148	+/- 2.5 ppm
3.3	-20	818.999986	-0.0171	
3.3	-10	818.999984	-0.0198	
3.3	0	818.999975	-0.0303	
3.3	10	818.999983	-0.0206	
3.3	20	818.999996	-0.0050	
3.3	30	818.999985	-0.0186	
3.3	40	818.999970	-0.0366	
3.3	50	819.000028	0.0342	

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5G NR BAND n30				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	10MHz
CH	462000		Frequency(MHz):	2310.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2309.999986	-0.0059	+/- 2.5 ppm
3.3	20	2309.999984	-0.0071	
2.81	20	2310.000011	0.0049	
2.5 (End Point)	20	2310.000011	0.0047	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2310.000018	0.0077	+/- 2.5 ppm
3.3	-20	2309.999996	-0.0019	
3.3	-10	2309.999980	-0.0087	
3.3	0	2310.000010	0.0043	
3.3	10	2309.999972	-0.0121	
3.3	20	2309.999987	-0.0057	
3.3	30	2309.999989	-0.0046	
3.3	40	2309.999995	-0.0022	
3.3	50	2310.000021	0.0092	

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5G NR BAND n38				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	519000		Frequency(MHz):	2595.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2595.000015	0.0058	+/- 2.5 ppm
3.3	20	2594.999995	-0.0021	
2.81	20	2594.999991	-0.0033	
2.5 (End Point)	20	2594.999982	-0.0071	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2595.000022	0.0083	+/- 2.5 ppm
3.3	-20	2594.999988	-0.0046	
3.3	-10	2595.000010	0.0038	
3.3	0	2594.999975	-0.0097	
3.3	10	2595.000019	0.0074	
3.3	20	2595.000014	0.0052	
3.3	30	2594.999983	-0.0065	
3.3	40	2595.000005	0.0021	
3.3	50	2594.999970	-0.0114	

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5G NR BAND n41				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	518604		Frequency(MHz):	2593.02
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	2593.019987	-0.0051	+/- 2.5 ppm
3.3	20	2593.019998	-0.0008	
2.81	20	2593.019992	-0.0032	
2.5 (End Point)	20	2593.020018	0.0071	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2593.019982	-0.0070	+/- 2.5 ppm
3.3	-20	2593.019986	-0.0056	
3.3	-10	2593.020030	0.0114	
3.3	0	2593.019977	-0.0088	
3.3	10	2593.019979	-0.0079	
3.3	20	2593.019993	-0.0026	
3.3	30	2593.020025	0.0095	
3.3	40	2593.019994	-0.0025	
3.3	50	2593.020023	0.0089	

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5G NR BAND n53				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	10MHz
CH	497800		Frequency(MHz)	2489.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 10 ppm
3.8	20	2489.000023	0.0092	+/- 10 ppm
3.3	20	2488.999980	-0.0080	
2.81	20	2488.999975	-0.0101	
2.5 (End Point)	20	2489.000016	0.0062	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	2488.999986	-0.0058	+/- 10 ppm
3.3	-20	2488.999987	-0.0054	
3.3	-10	2489.000011	0.0045	
3.3	0	2488.999977	-0.0094	
3.3	10	2489.000017	0.0070	
3.3	20	2489.000029	0.0115	
3.3	30	2489.000011	0.0043	
3.3	40	2488.999977	-0.0093	
3.3	50	2488.999981	-0.0077	

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5G NR BAND n66				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	20MHz
CH	349000		Frequency(MHz):	1745.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1745.000029	0.0167	+/- 2.5 ppm
3.3	20	1744.999989	-0.0066	
2.81	20	1745.000028	0.0159	
2.5 (End Point)	20	1744.999982	-0.0101	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1744.999993	-0.0040	+/- 2.5 ppm
3.3	-20	1745.000019	0.0111	
3.3	-10	1745.000023	0.0133	
3.3	0	1744.999982	-0.0105	
3.3	10	1744.999989	-0.0066	
3.3	20	1745.000012	0.0071	
3.3	30	1744.999980	-0.0113	
3.3	40	1744.999983	-0.0098	
3.3	50	1745.000025	0.0141	

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5G NR BAND n70				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15 kHz		Bandwidth:	15MHz
CH	340500		Frequency(MHz):	1702.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	1702.499971	-0.0169	+/- 2.5 ppm
3.3	20	1702.499981	-0.0110	
2.81	20	1702.499979	-0.0126	
2.5 (End Point)	20	1702.500020	0.0118	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	1702.499988	-0.0071	+/- 2.5 ppm
3.3	-20	1702.499978	-0.0127	
3.3	-10	1702.500007	0.0039	
3.3	0	1702.499981	-0.0113	
3.3	10	1702.500015	0.0085	
3.3	20	1702.499971	-0.0170	
3.3	30	1702.499989	-0.0064	
3.3	40	1702.500019	0.0112	
3.3	50	1702.499994	-0.0033	

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5G NR BAND n71				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	15	kHz	Bandwidth:	20MHz
CH	136100		Frequency(MHz):	680.50
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	680.500007	0.0104	+/- 2.5 ppm
3.3	20	680.500011	0.0163	
2.81	20	680.499982	-0.0259	
2.5 (End Point)	20	680.500012	0.0176	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	680.500018	0.0271	+/- 2.5 ppm
3.3	-20	680.499988	-0.0177	
3.3	-10	680.499973	-0.0392	
3.3	0	680.500025	0.0374	
3.3	10	680.499975	-0.0370	
3.3	20	680.499992	-0.0119	
3.3	30	680.499986	-0.0212	
3.3	40	680.500012	0.0176	
3.3	50	680.500017	0.0246	

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5G NR BAND n77 Part27				
Reference Freq.:			Modulation.:	CP-OFDM QPSK
SCS.:	30	kHz	Bandwidth:	20MHz
CH	656000		Frequency(MHz):	3840.00
Freq. ERROR vs. VOLTAGE				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.8	20	3839.999996	-0.0009	+/- 2.5 ppm
3.3	20	3839.999989	-0.0029	
2.81	20	3839.999984	-0.0041	
2.5 (End Point)	20	3840.000018	0.0048	
Freq. ERROR vs. Temp.				
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm
3.3	-30	3839.999981	-0.0050	+/- 2.5 ppm
3.3	-20	3840.000024	0.0063	
3.3	-10	3839.999975	-0.0065	
3.3	0	3840.000012	0.0031	
3.3	10	3840.000019	0.0050	
3.3	20	3839.999983	-0.0045	
3.3	30	3840.000025	0.0065	
3.3	40	3840.000022	0.0058	
3.3	50	3839.999986	-0.0037	

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7 PEAK TO AVERAGE RATION

5G NR BAND n2							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.50	370500	6.72	13	1855.00	371000	6.87	13
1880.00	376000	6.59	13	1880.00	376000	6.66	13
1907.50	381500	6.20	13	1905.00	381000	6.67	13
5G NR BAND n2							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.50	371500	6.62	13	1860.00	372000	4.09	13
1880.00	376000	6.42	13	1880.00	376000	4.73	13
1902.50	380500	6.15	13	1900.00	380000	6.86	13
5G NR BAND n5							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.50	165300	6.76	13	829.00	165800	6.52	13
836.50	167300	6.66	13	836.50	167300	6.88	13
846.50	169300	6.20	13	844.00	168800	6.42	13
5G NR BAND n5							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
831.50	166300	6.38	13	834.00	166800	6.57	13
836.50	167300	6.57	13	836.50	167300	6.69	13
841.50	168300	6.61	13	839.00	167800	6.96	13
5G NR BAND n7							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2502.50	500500	6.29	13	2505.00	501000	6.30	13
2535.00	507000	6.71	13	2535.00	507000	6.56	13
2567.50	513500	6.44	13	2565.00	513000	6.68	13
5G NR BAND n7							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2507.50	501500	6.32	13	2510.00	502000	6.43	13
2535.00	507000	6.41	13	2535.00	507000	6.58	13
2562.50	512500	6.31	13	2560.00	512000	6.29	13

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5G NR BAND n12							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
701.50	140300	6.36	13	704.00	140800	6.40	13
707.50	141500	6.47	13	707.50	141500	6.78	13
713.50	142700	6.52	13	711.00	142200	6.80	13
5G NR BAND n12							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit				
706.50	141300	6.55	13				
707.50	141500	6.61	13				
708.50	141700	6.33	13				
5G NR BAND n13							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
779.50	155900	6.33	13				
782.00	156400	6.03	13	782.00	156400	6.64	13
784.50	156900	7.49	13				
5G NR BAND n14							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
790.50	158100	6.39	13				
793.00	158600	6.71	13	793.00	158600	6.18	13
795.50	189100	6.35	13				
5G NR BAND n25							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.50	370500	6.98	13	1855.00	371000	6.63	13
1882.50	376500	6.62	13	1882.50	376500	6.89	13
1912.50	382500	6.69	13	1910.00	382000	6.72	13
5G NR BAND n25							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.50	371500	6.58	13	1860.00	372000	6.62	13
1882.50	376500	6.68	13	1882.50	376500	6.60	13
1907.50	381500	6.48	13	1905.00	381000	6.47	13

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5G NR BAND n26							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.50	165300	6.46	13	829.00	165800	6.26	13
836.50	167300	6.36	13	836.50	167300	6.55	13
846.50	169300	6.22	13	844.00	168800	6.50	13
5G NR BAND n26							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
831.50	166300	6.37	13	834.00	166800	6.45	13
836.50	167300	6.46	13	836.50	167300	6.61	13
841.50	168300	6.44	13	839.00	167800	6.78	13
5G NR BAND n26 Part90s							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
816.50	163300	6.67	13				
819.00	163800	6.64	13	819.00	163800	6.71	13
821.50	164300	6.54	13				
5G NR BAND n30							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2307.50	461500	6.34	13				
2310.00	462000	6.72	13	2310.00	462000	6.60	13
2312.50	462500	6.57	13				
5G NR BAND n66							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1712.50	342500	6.46	13	1715.00	343000	7.02	13
1745.00	349000	6.58	13	1745.00	349000	6.49	13
1777.50	355500	6.85	13	1775.00	355000	6.56	13
5G NR BAND n66							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1717.50	343500	6.45	13	1720.00	344000	6.43	13
1745.00	349000	6.60	13	1745.00	349000	6.74	13
1772.50	354500	6.44	13	1770.00	354000	6.67	13

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5G NR BAND n70							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1697.50	339500	7.06	13	1700.00	340000	6.61	13
1702.50	340500	6.77	13	1702.50	340500	6.86	13
1707.50	341500	6.86	13	1705.00	341000	6.92	13
5G NR BAND n70							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1702.50	340500	6.86	13				
5G NR BAND n71							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
665.50	133100	6.34	13	668.00	133600	6.18	13
680.50	136100	6.70	13	680.50	136100	6.60	13
695.50	139100	6.37	13	693.00	138600	6.64	13
5G NR BAND n71							
DFT-S-OFDM_SCS 15 kHz							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
670.50	134100	6.28	13	673.00	134600	6.21	13
680.50	136100	6.43	13	680.50	136100	6.55	13
690.50	138100	6.22	13	688.00	137600	6.35	13
5G NR BAND n38							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2575.00	515000	6.72	13	2577.50	515500	7.05	13
2595.00	519000	6.76	13	2595.00	519000	6.66	13
2615.00	523000	6.58	13	2612.50	522500	6.90	13
5G NR BAND n38							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2580.00	516000	6.88	13				
2595.00	519000	6.67	13				
2610.00	522000	6.59	13				

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5G NR BAND n41							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2501.01	500202	6.71	13	2503.50	500700	7.05	13
2505.00	501000	6.87	13	2507.52	501504	6.76	13
2593.02	518604	6.73	13	2593.02	518604	7.23	13
2685.00	537000	6.71	13	2682.48	536496	7.20	13
5G NR BAND n41							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2506.02	501204	6.92	13				
2510.01	502002	6.81	13				
2593.02	518604	6.78	13				
2679.99	535998	7.01	13				
5G NR BAND n77 Part27(3450 to 3550 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3455.01	630334	6.28	13	3457.50	630500	6.61	13
3500.01	633334	6.47	13	3500.01	633334	6.59	13
3544.98	636332	6.94	13	3542.49	636166	6.75	13
5G NR BAND n77 Part27(3450 to 3550 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3460.02	630668	6.53	13				
3500.01	633334	6.53	13				
3540.00	636000	6.79	13				
5G NR BAND n77 Part27(3700 to 3980 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3705.00	647000	6.44	13	3707.52	647168	6.55	13
3840.00	656000	6.63	13	3840.00	656000	6.89	13
3975.00	665000	6.66	13	3972.48	664832	6.91	13
5G NR BAND n77 Part27(3700 to 3980 MHz)							
DFT-S-OFDM_SCS 30 kHz							
Channel bandwidth: 20MHz							
Freq. (MHz)	CH	PAPR (dB)				PAPR (dB)	
		256QAM	Limit			256QAM	Limit
3710.01	647334	6.71	13				
3840.00	656000	6.69	13				
3969.99	664666	6.64	13				

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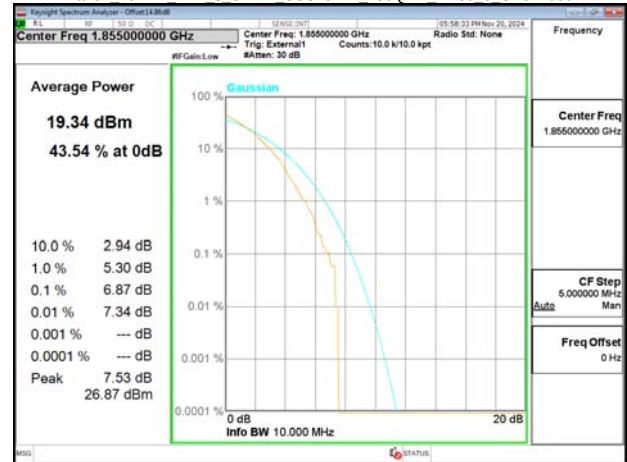
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Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH371000



Band2 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH376000



Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH376000



Band2 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH381500



Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH381000



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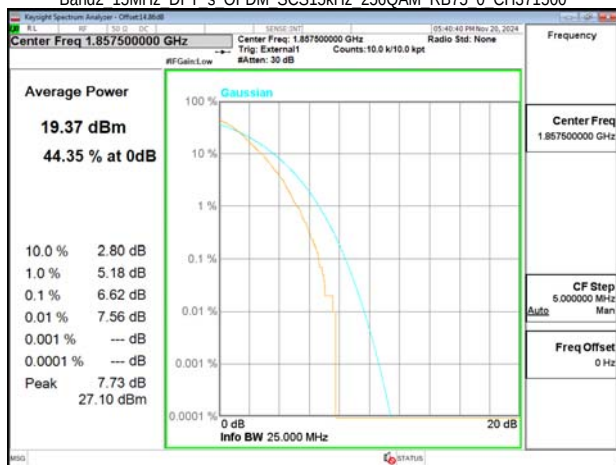
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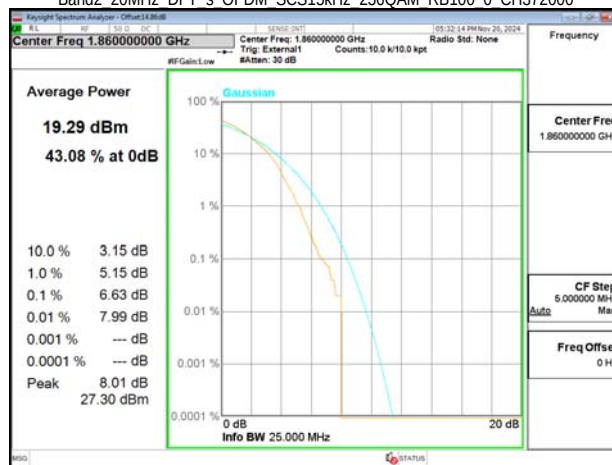
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Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH371500



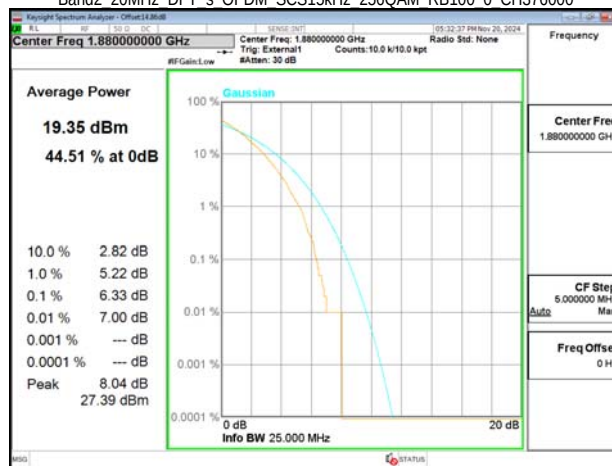
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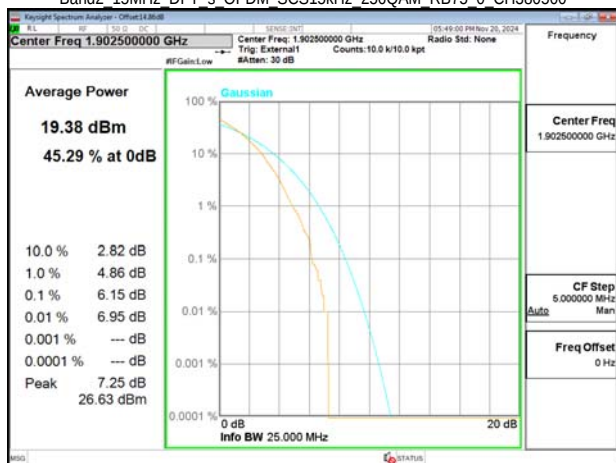
Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH376000



Band2 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH376000



Band2 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH380500



Band2 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH380000



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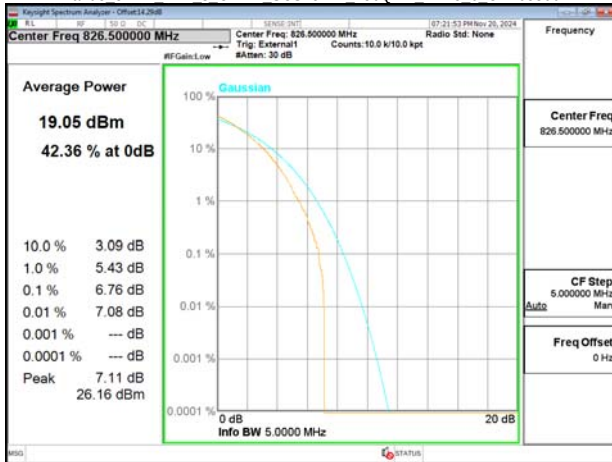
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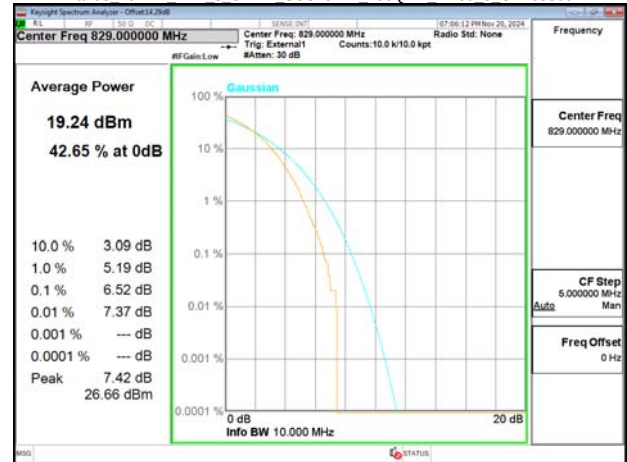
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Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH165300



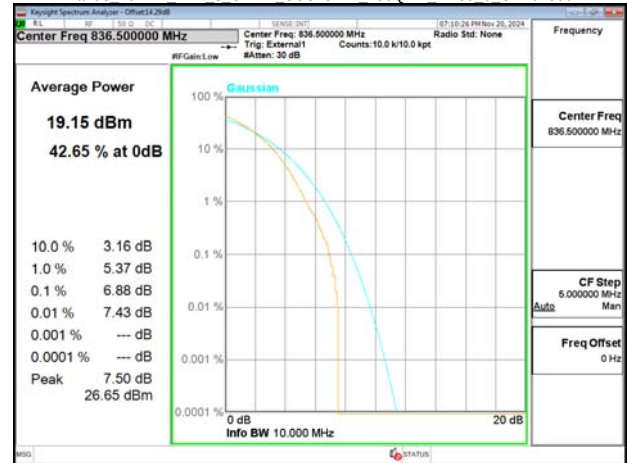
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Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH167300



Band5 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH167300



Band5 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH169300



Band5 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH168800



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Band5 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH166800



Band5 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH167300



Band5 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH167800



Band5 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH168300



Band5 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH167800



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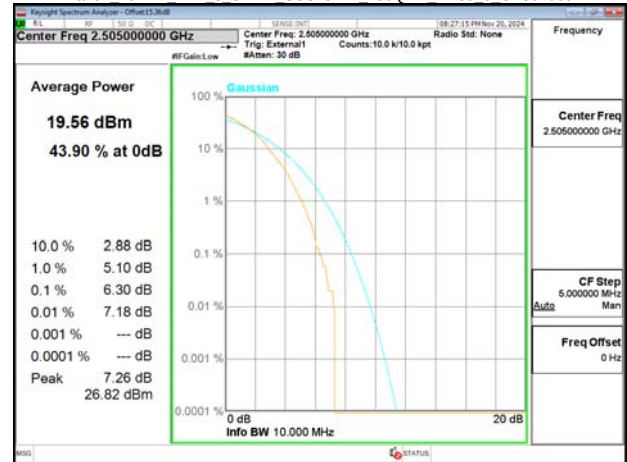
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Band7 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH500500



Band7 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH501000



Band7 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH507000



Band7 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH507000



Band7 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH513500



Band7 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH513000



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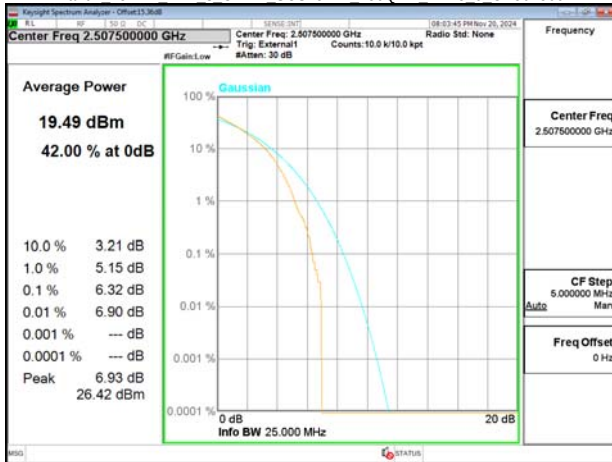
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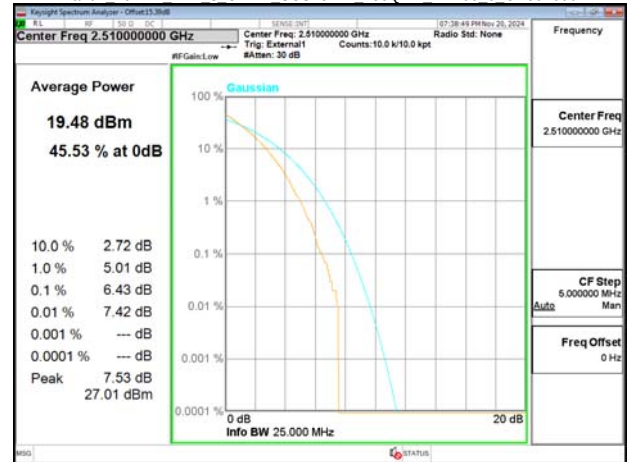
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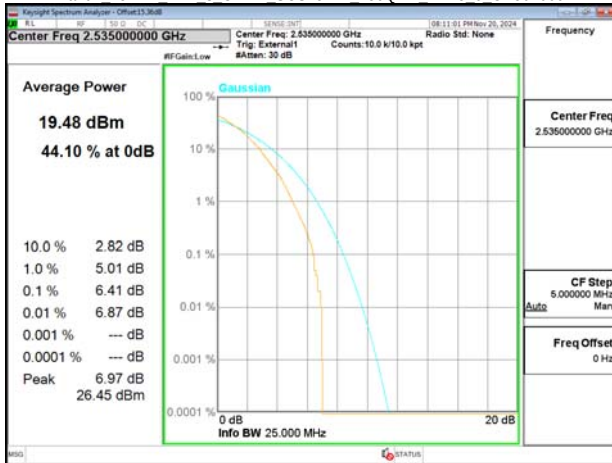
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Band7 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH502000



Band7 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH507000



Band7 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH507000



Band7 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH512500



Band7 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH512000



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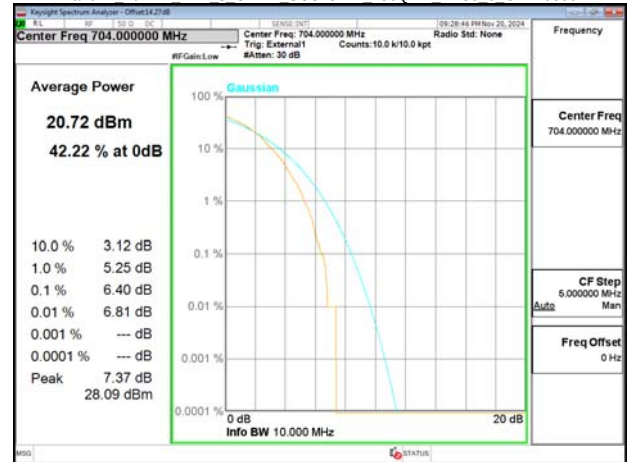
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Band12 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH140300



Band12 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH140800



Band12 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH141500



Band12 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH141500



Band12 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH142700



Band12 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH142200



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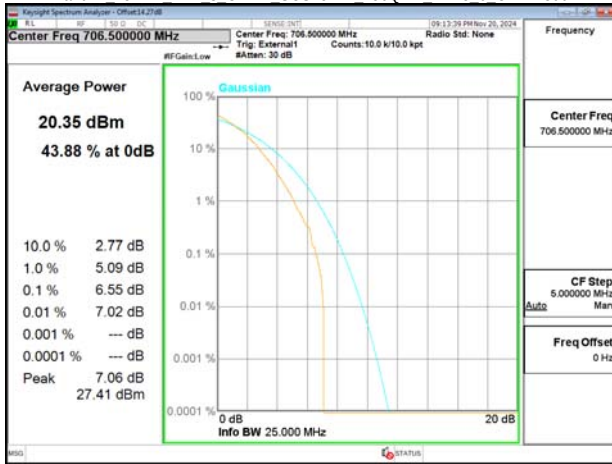
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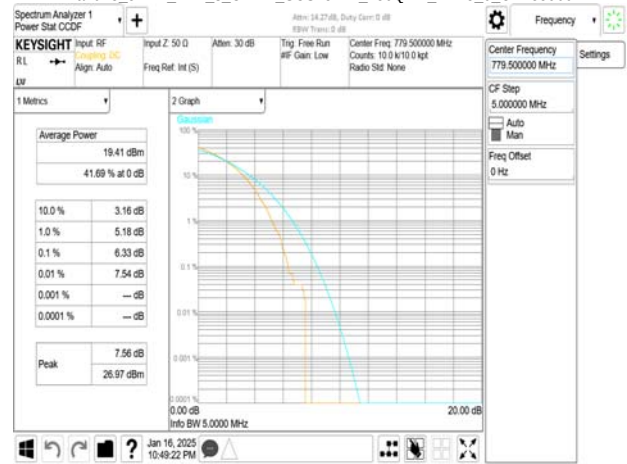
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Band12 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH141300



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Band12 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH141500



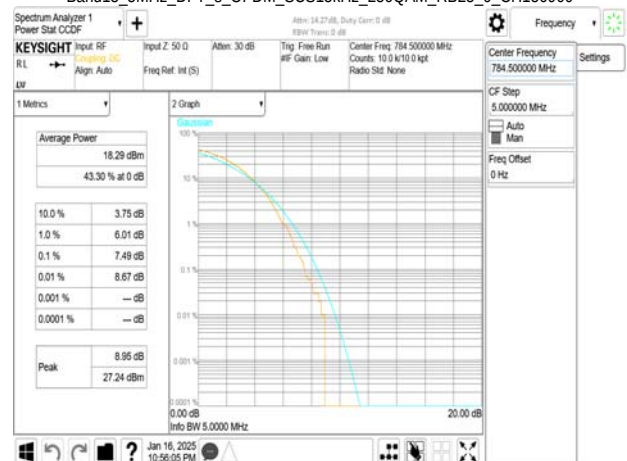
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Band12 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH141700



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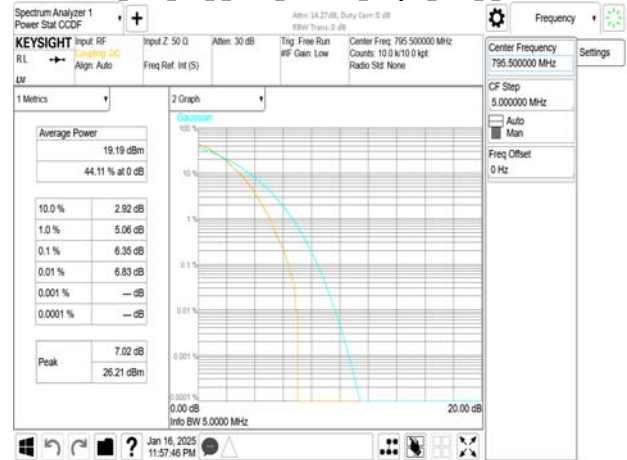
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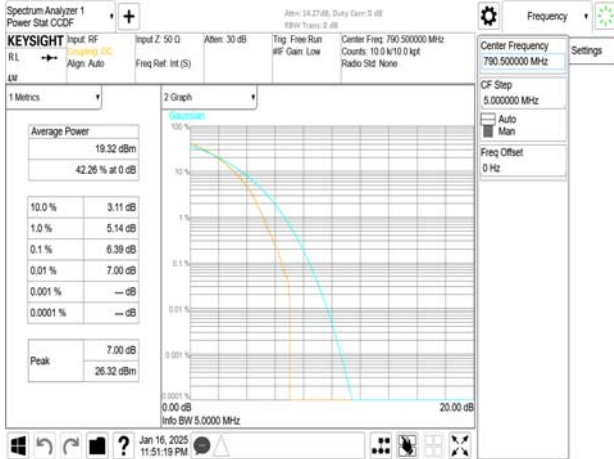
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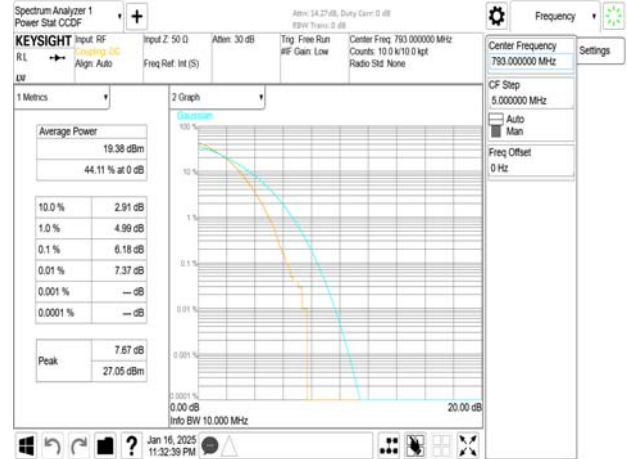
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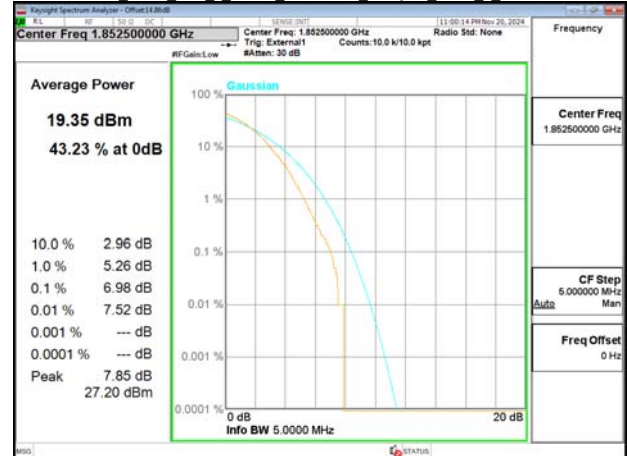
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Band14 5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH158600



Band25 5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH370500



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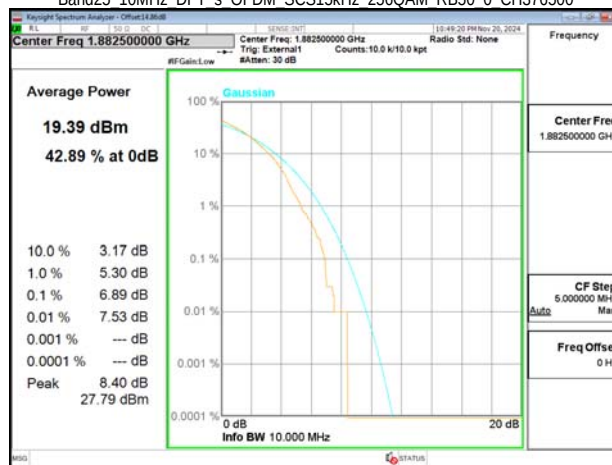
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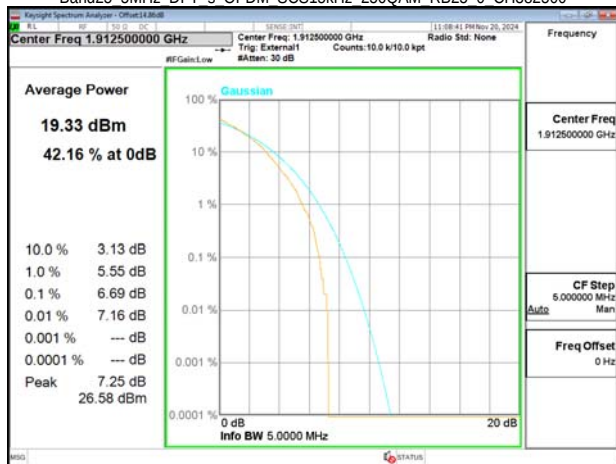
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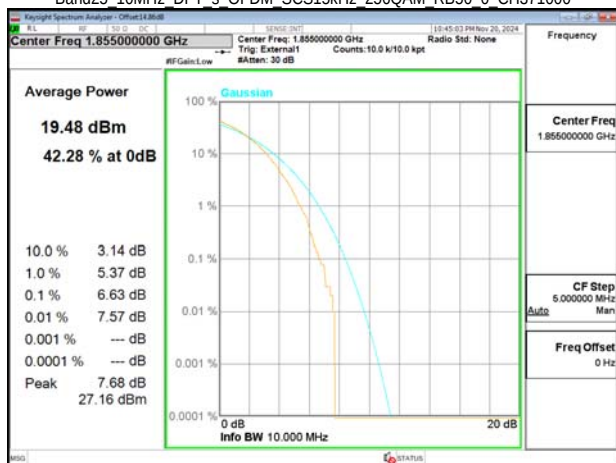
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Band25 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH382000



Band25 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH371000



Band25 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH371500



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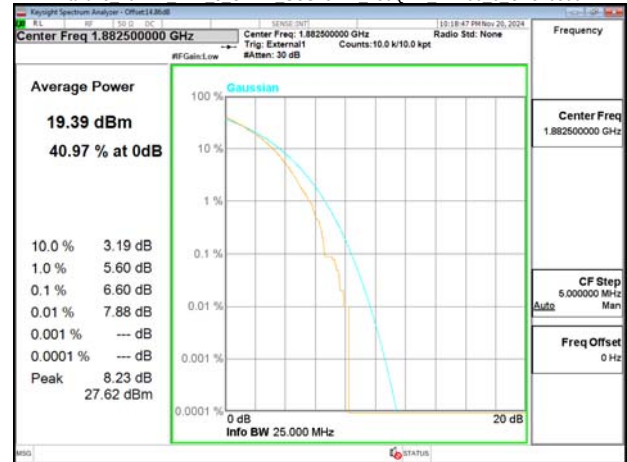
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Band25 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH381500



Band25 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH381000



Band25 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH372000



Band26-Part90s 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH163300



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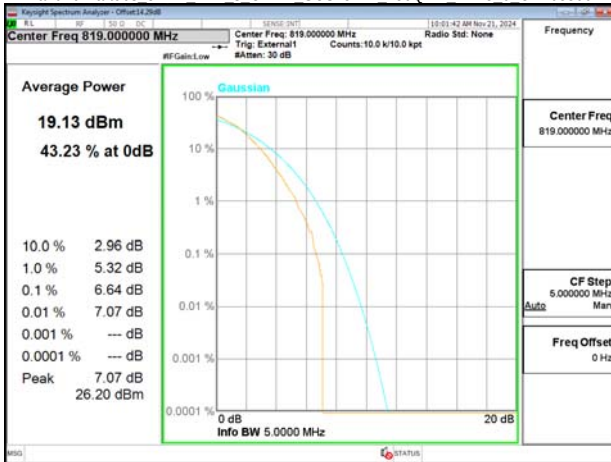
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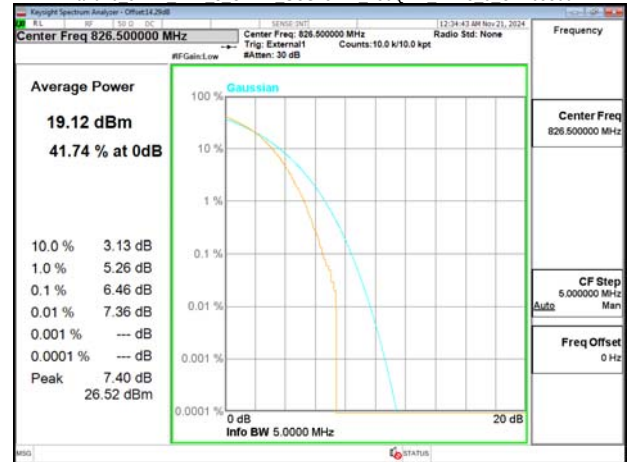
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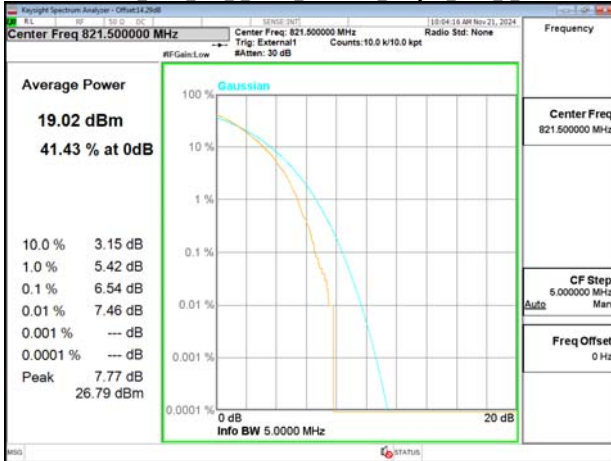
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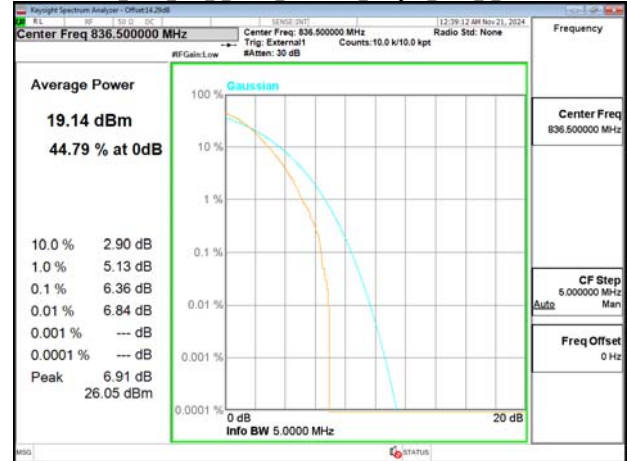
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Band26-Part90s 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH163800



Band26 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH169300



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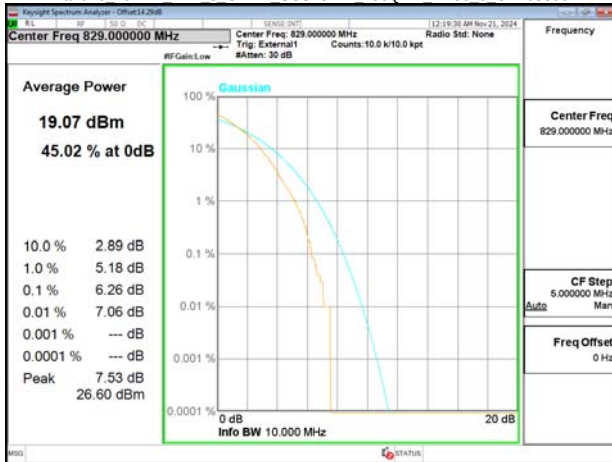
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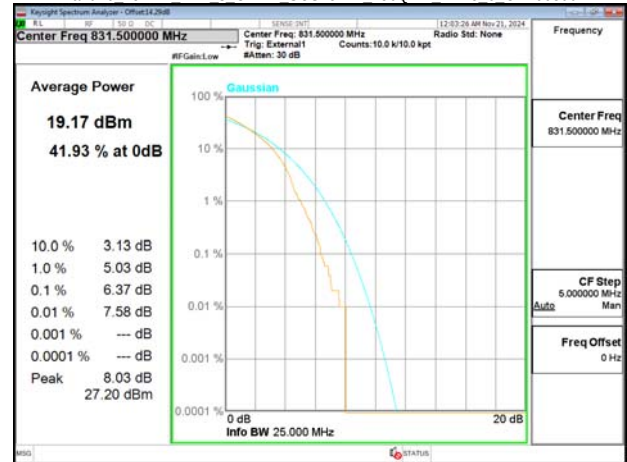
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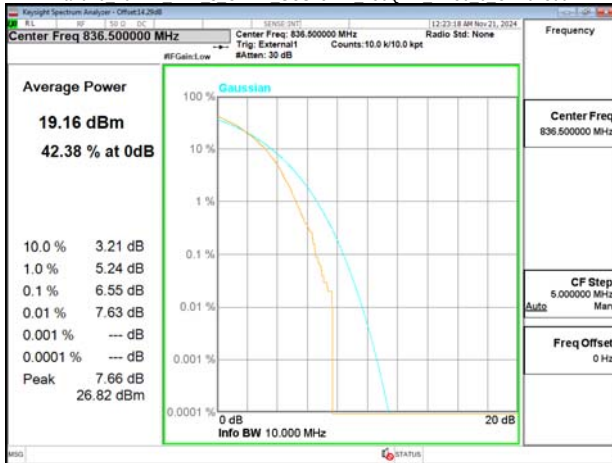
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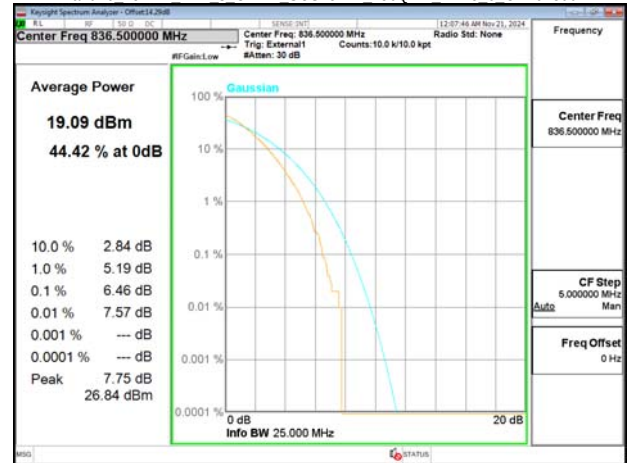
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Band26 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH168800



Band26 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH168300



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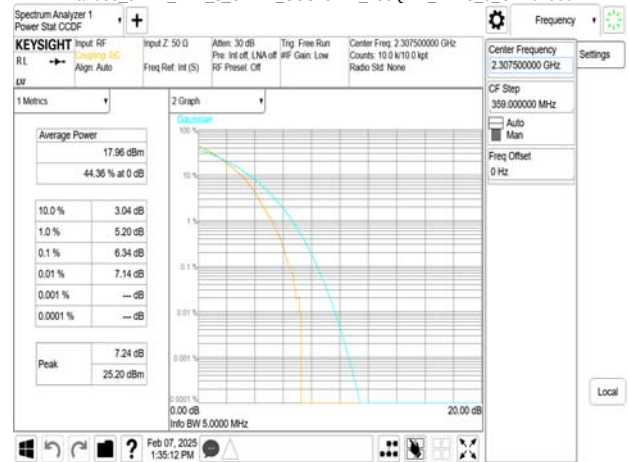
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Band26 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH166800



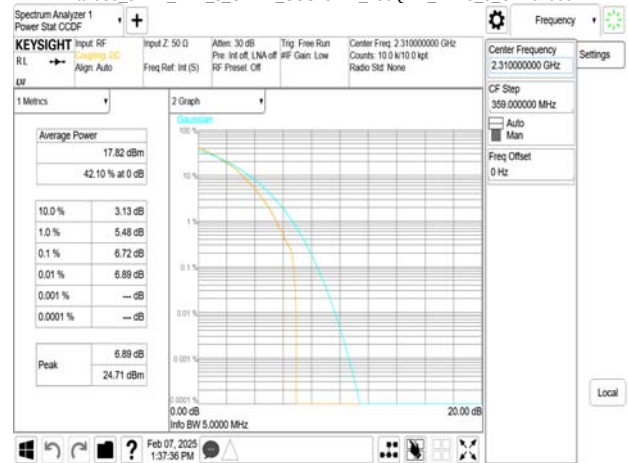
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Band26 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH167300



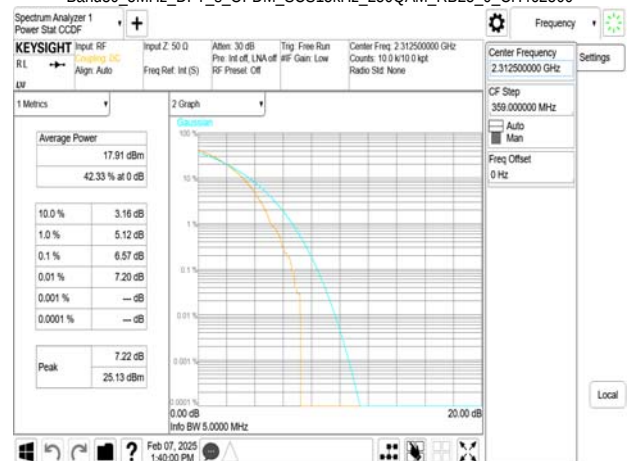
Band30 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH462000



Band26 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH167800



Band30 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH462500



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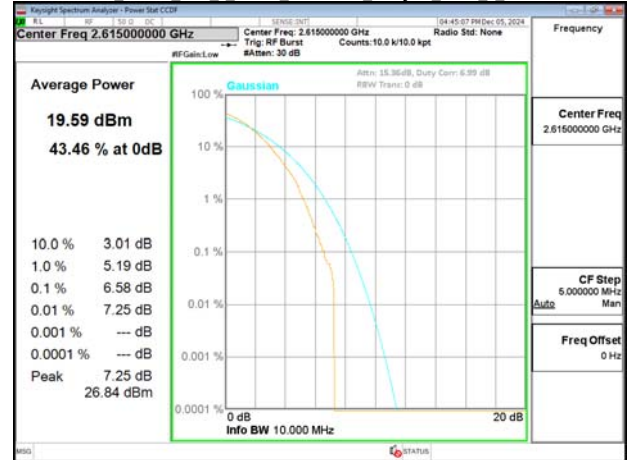
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Band30 10MHz DFT s OFDM_SCS15kHz_256QAM_RB50_0_CH462000



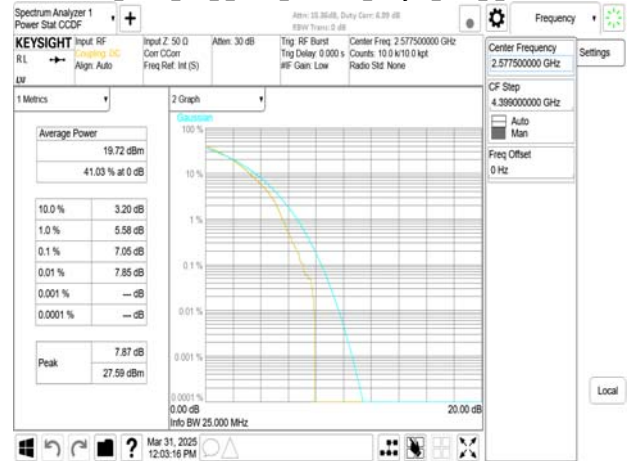
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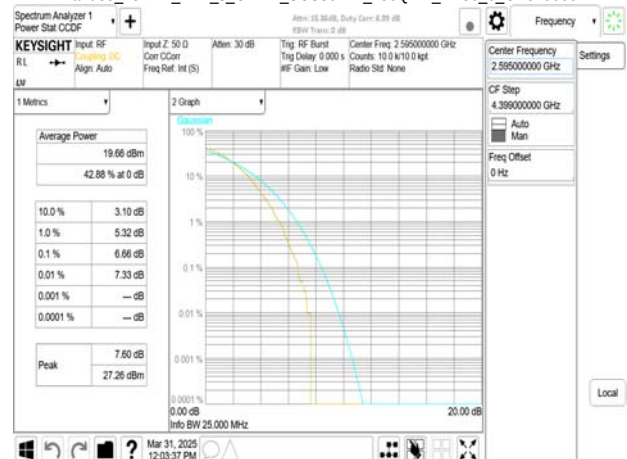
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Band38 10MHz DFT s OFDM_SCS30kHz_256QAM_RB24_0_CH519000



Band38 15MHz DFT s OFDM_SCS30kHz_256QAM_RB36_0_CH519000



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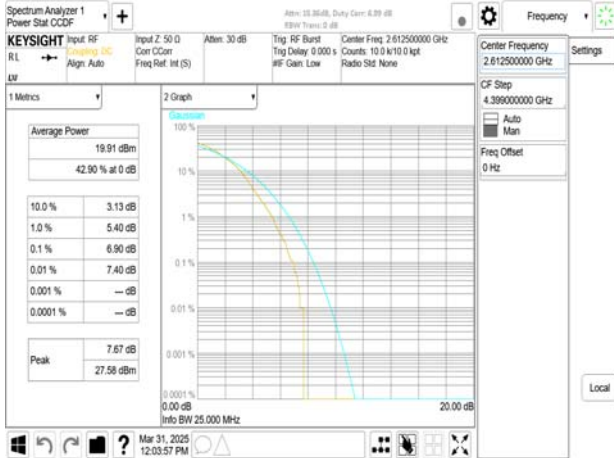
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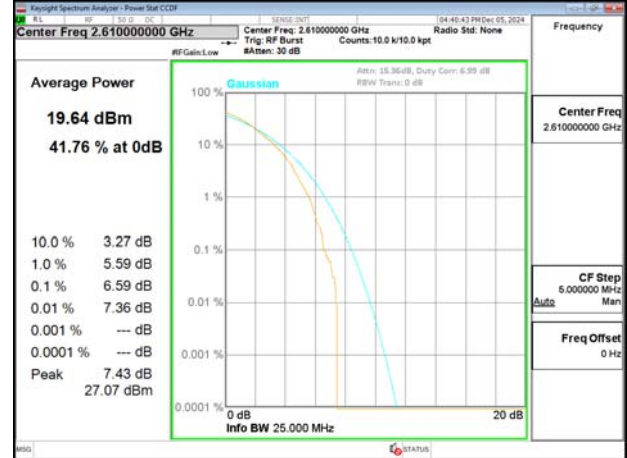
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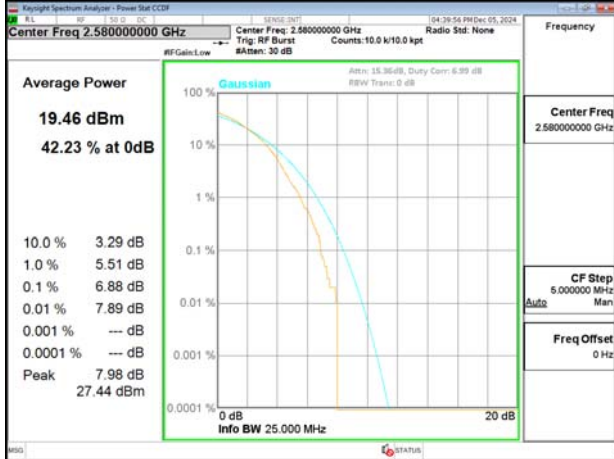
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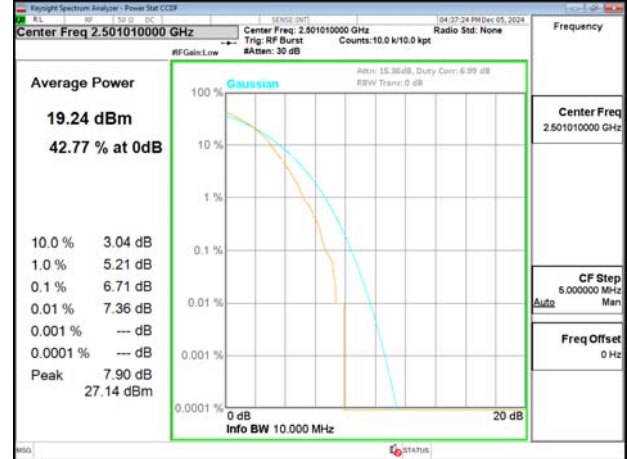
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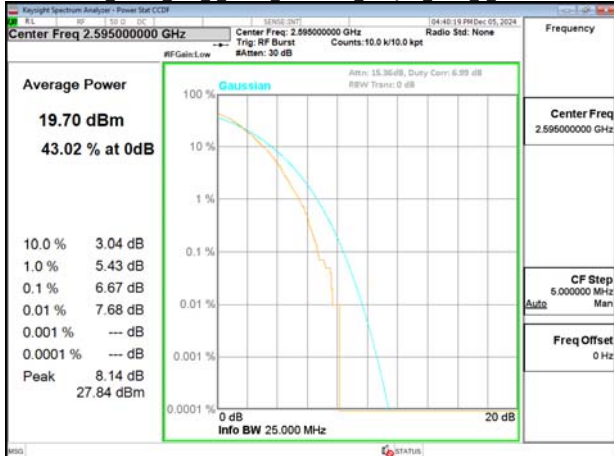
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Band41 10MHz DFT s OFDM_SCS30kHz 256QAM RB24 0 CH502020



Band38 20MHz DFT s OFDM_SCS30kHz 256QAM RB50 0 CH519000



Band41 10MHz DFT s OFDM_SCS30kHz 256QAM RB24 0 CH501000



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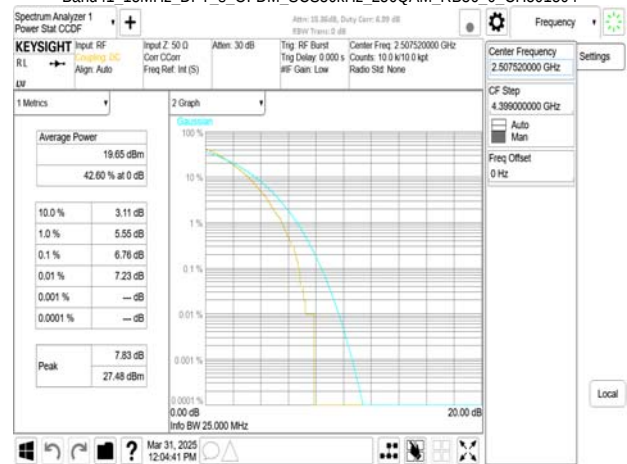
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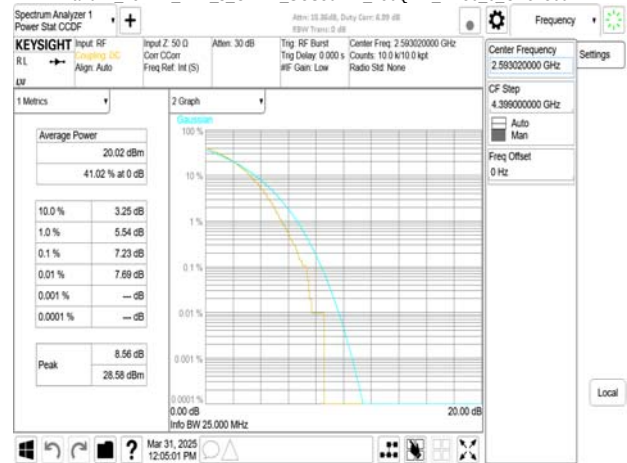
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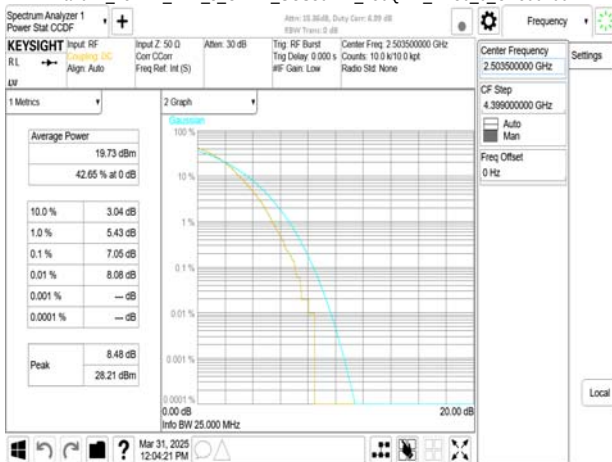
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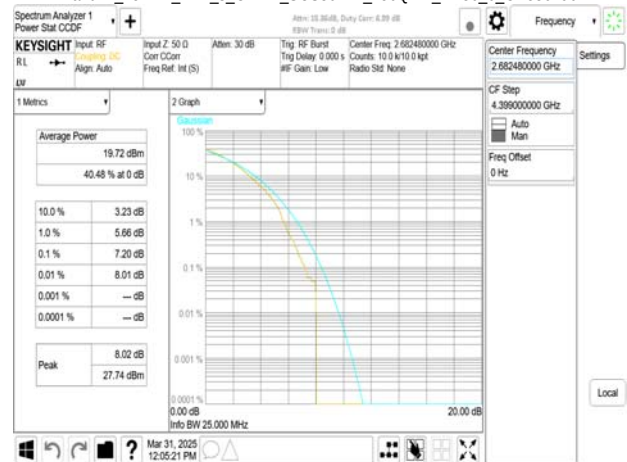
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Band41 15MHz DFT s OFDM SCS30kHz 256QAM RB36 0 CH500700



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