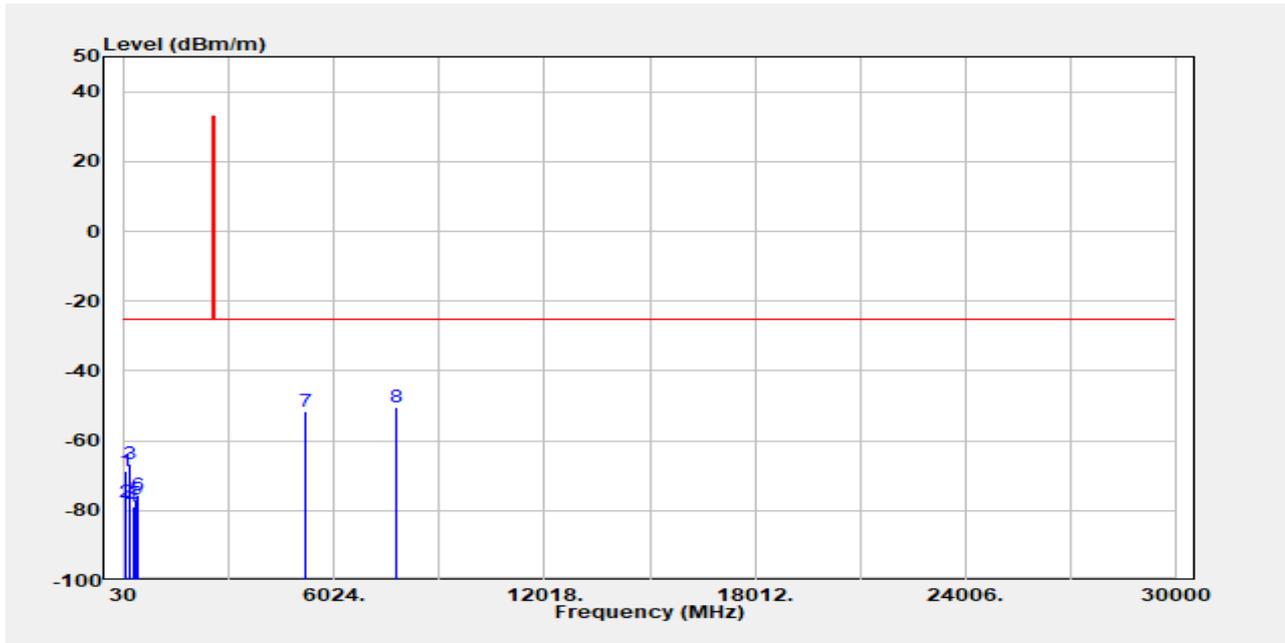


Report Number :TERF2407002102ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2595 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
38.73	-68.58	-54.03	-13.41	-1.14	-25.00	-43.57
69.77	-77.64	-69.42	-6.69	-1.53	-25.00	-52.64
154.16	-66.66	-62.91	-1.48	-2.27	-25.00	-41.66
266.68	-79.00	-80.11	4.10	-2.99	-25.00	-54.00
367.56	-76.82	-77.50	4.18	-3.50	-25.00	-51.82
438.37	-75.42	-75.28	3.68	-3.82	-25.00	-50.42
5190.00	-51.44	-50.43	12.56	-13.57	-25.00	-26.44
7785.00	-50.26	-44.90	11.40	-16.76	-25.00	-25.25

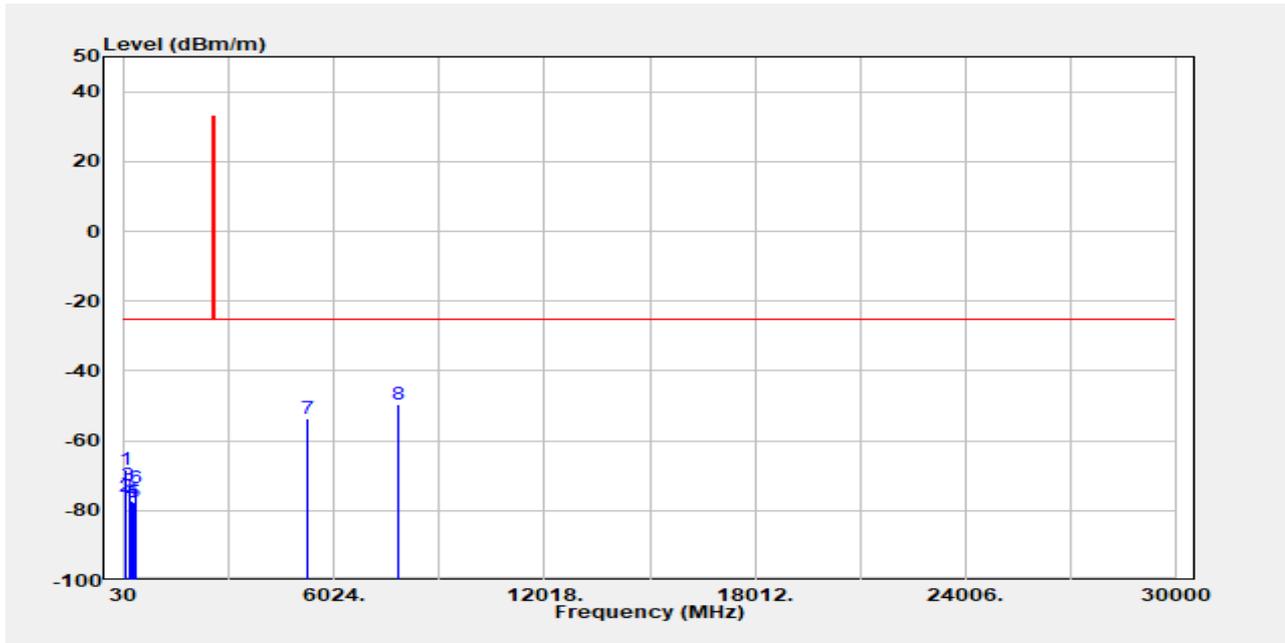
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Report Number :TERF2407002102ER  
Operation Mode :LTE B38  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2612.5 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
38.73	-68.38	-53.83	-13.41	-1.14	-25.00	-43.37
71.71	-76.16	-68.38	-6.23	-1.55	-25.00	-51.16
151.25	-72.68	-68.81	-1.62	-2.25	-25.00	-47.69
232.73	-77.12	-78.65	4.32	-2.79	-25.00	-52.11
271.53	-77.56	-78.31	3.77	-3.02	-25.00	-52.56
372.41	-73.70	-74.28	4.10	-3.52	-25.00	-48.70
5225.00	-53.61	-52.75	12.75	-13.61	-25.00	-28.62
7837.50	-49.44	-44.03	11.40	-16.81	-25.00	-24.44

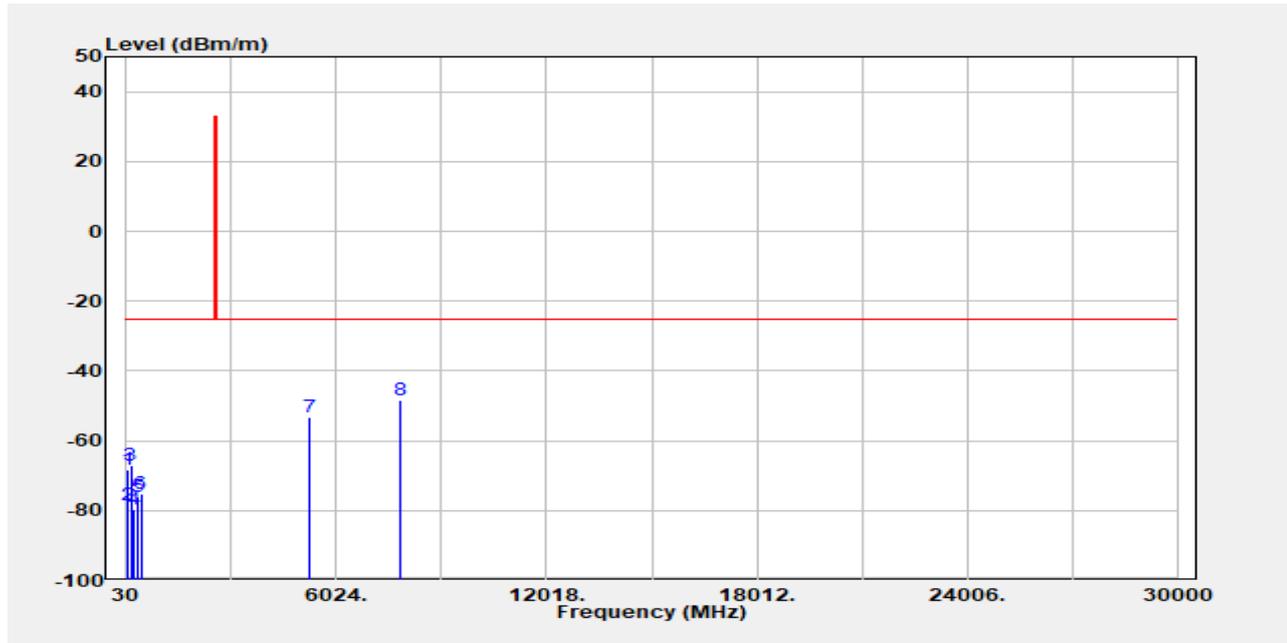
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Report Number :TERF2407002102ER  
Operation Mode :LTE B38  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2612.5 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



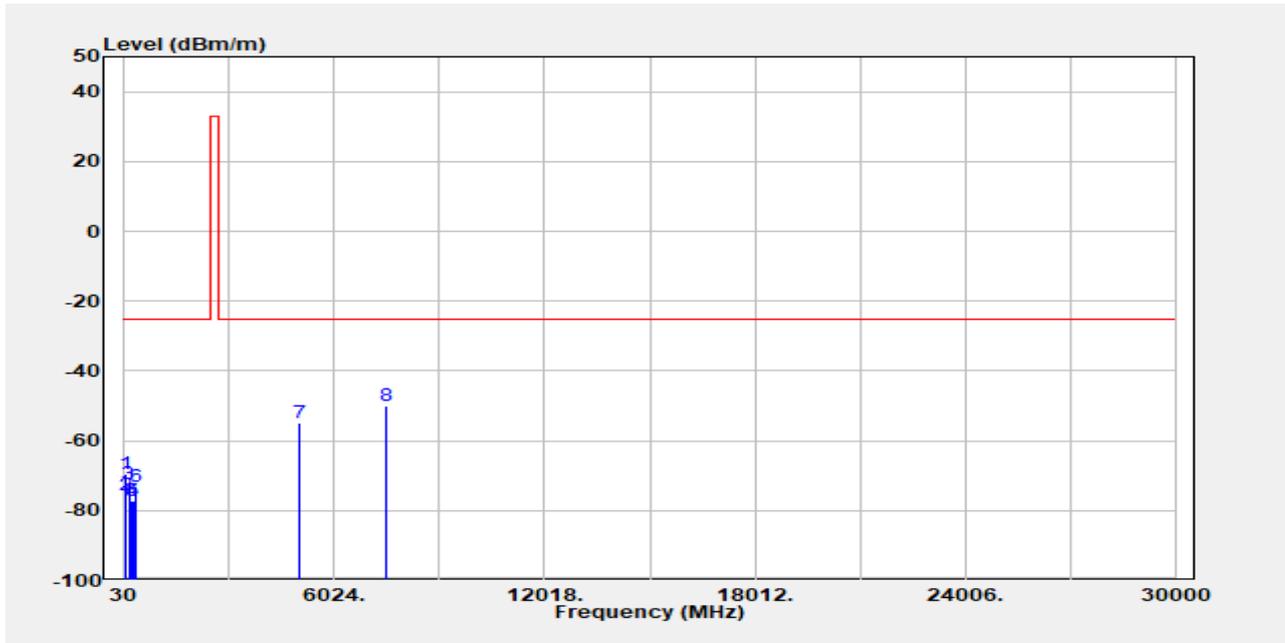
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
38.73	-68.44	-53.89	-13.41	-1.14	-25.00	-43.44
69.77	-78.57	-70.36	-6.69	-1.53	-25.00	-53.58
153.19	-66.97	-63.27	-1.44	-2.26	-25.00	-41.97
262.80	-79.55	-80.66	4.08	-2.97	-25.00	-54.56
368.53	-76.07	-76.74	4.17	-3.50	-25.00	-51.07
440.31	-75.15	-74.96	3.64	-3.83	-25.00	-50.15
5225.00	-53.36	-52.50	12.75	-13.61	-25.00	-28.36
7837.50	-48.51	-43.10	11.40	-16.81	-25.00	-23.51

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Report Number :TERF2407002102ER  
Operation Mode :LTE B41  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2498.5 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



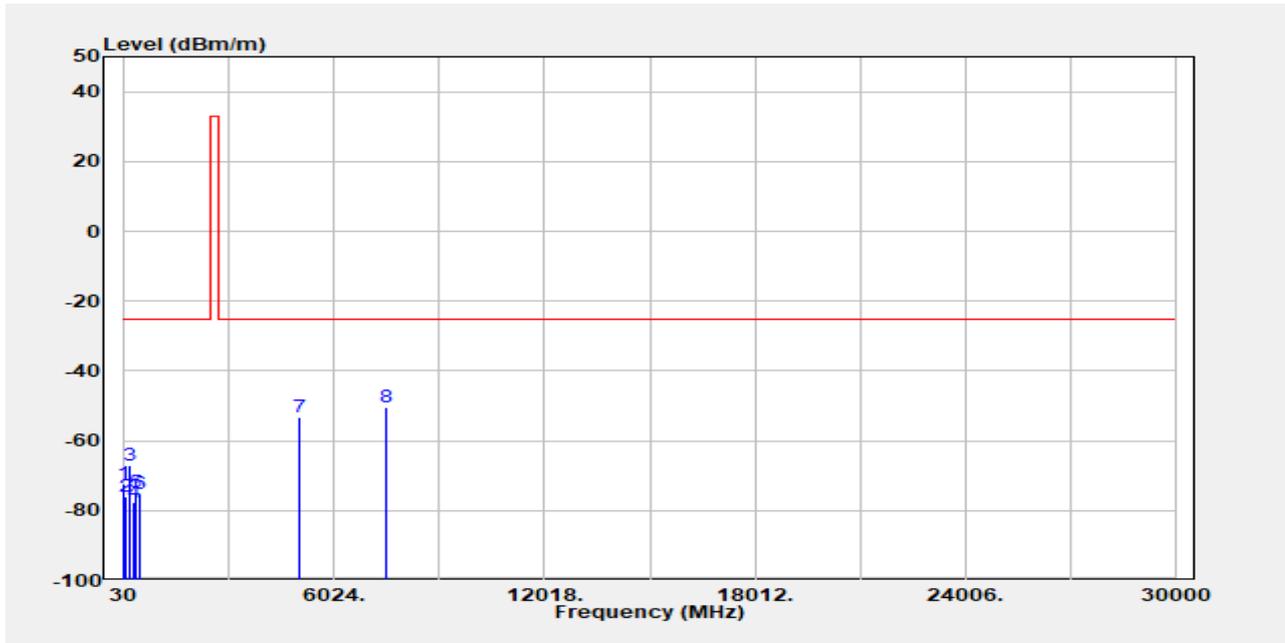
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-69.66	-55.25	-13.25	-1.16	-25.00	-44.65
70.74	-75.73	-67.74	-6.45	-1.54	-25.00	-50.72
151.25	-72.36	-68.49	-1.62	-2.25	-25.00	-47.37
231.76	-77.05	-78.73	4.46	-2.78	-25.00	-52.05
266.68	-77.13	-78.24	4.10	-2.99	-25.00	-52.14
372.41	-73.27	-73.85	4.10	-3.52	-25.00	-48.27
4997.00	-54.68	-53.80	12.41	-13.29	-25.00	-29.68
7495.50	-49.95	-44.51	10.99	-16.43	-25.00	-24.95

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Report Number :TERF2407002102ER  
Operation Mode :LTE B41  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2498.5 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	-72.22	-56.80	-14.37	-1.05	-25.00	-47.21
69.77	-76.03	-67.81	-6.69	-1.53	-25.00	-51.03
156.10	-67.14	-63.52	-1.34	-2.28	-25.00	-42.15
275.41	-77.63	-78.26	3.67	-3.04	-25.00	-52.62
372.41	-74.94	-75.52	4.10	-3.52	-25.00	-49.94
450.01	-75.18	-75.05	3.74	-3.87	-25.00	-50.18
4997.00	-53.32	-52.44	12.41	-13.29	-25.00	-28.32
7495.50	-50.54	-45.10	10.99	-16.43	-25.00	-25.53

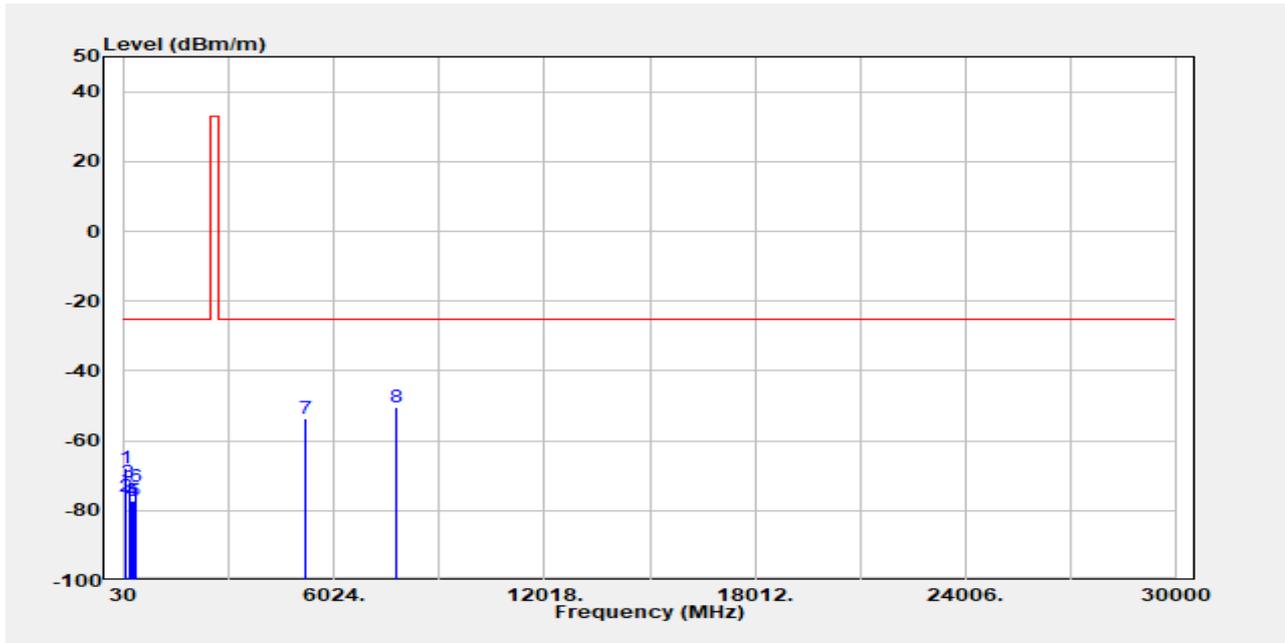
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Report Number :TERF2407002102ER  
Operation Mode :LTE B41  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2593 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-67.89	-53.48	-13.25	-1.16	-25.00	-42.88
71.71	-76.01	-68.23	-6.23	-1.55	-25.00	-51.02
151.25	-71.86	-67.99	-1.62	-2.25	-25.00	-46.86
224.00	-77.29	-79.52	4.96	-2.73	-25.00	-52.29
278.32	-77.44	-78.09	3.70	-3.05	-25.00	-52.43
375.32	-73.30	-73.81	4.05	-3.54	-25.00	-48.29
5186.00	-53.56	-52.54	12.54	-13.56	-25.00	-28.56
7779.00	-50.44	-45.09	11.40	-16.75	-25.00	-25.44

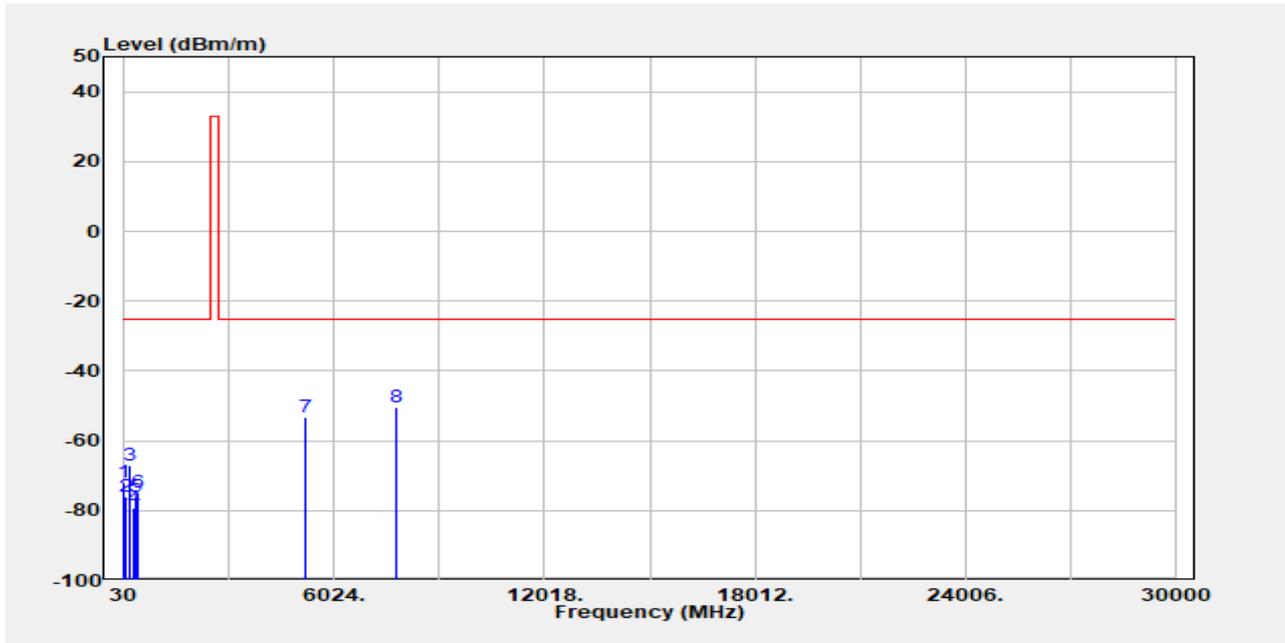
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2593 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	-71.83	-56.41	-14.37	-1.05	-25.00	-46.82
69.77	-76.01	-67.79	-6.69	-1.53	-25.00	-51.01
156.10	-67.14	-63.52	-1.34	-2.28	-25.00	-42.15
268.62	-79.11	-80.04	3.93	-3.00	-25.00	-54.11
368.53	-76.21	-76.88	4.17	-3.50	-25.00	-51.22
428.67	-74.78	-74.91	3.90	-3.77	-25.00	-49.78
5186.00	-53.30	-52.28	12.54	-13.56	-25.00	-28.29
7779.00	-50.26	-44.91	11.40	-16.75	-25.00	-25.26

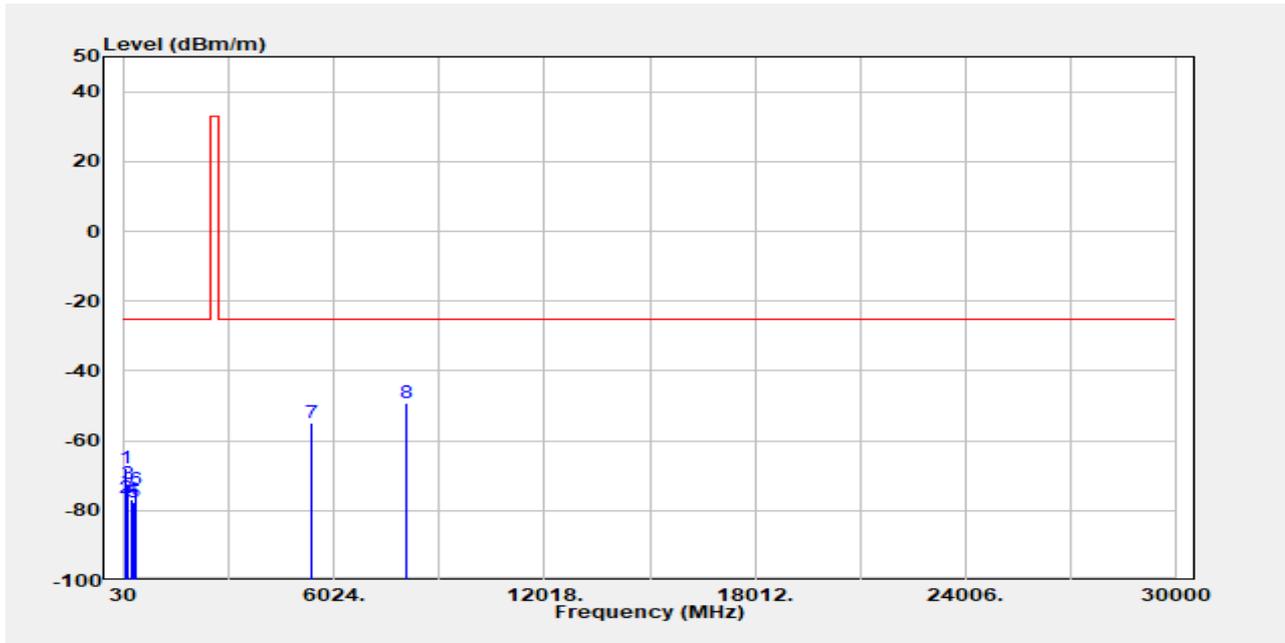
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Report Number :TERF2407002102ER  
Operation Mode :LTE B41  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :2687.5 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-67.85	-53.44	-13.25	-1.16	-25.00	-42.84
71.71	-76.28	-68.50	-6.23	-1.55	-25.00	-51.29
150.28	-72.34	-68.42	-1.68	-2.24	-25.00	-47.35
228.85	-76.95	-78.97	4.78	-2.76	-25.00	-51.95
277.35	-77.59	-78.23	3.69	-3.05	-25.00	-52.58
364.65	-73.81	-74.56	4.23	-3.48	-25.00	-48.81
5375.00	-54.85	-54.08	13.05	-13.82	-25.00	-29.84
8062.50	-49.13	-43.03	10.97	-17.07	-25.00	-24.13

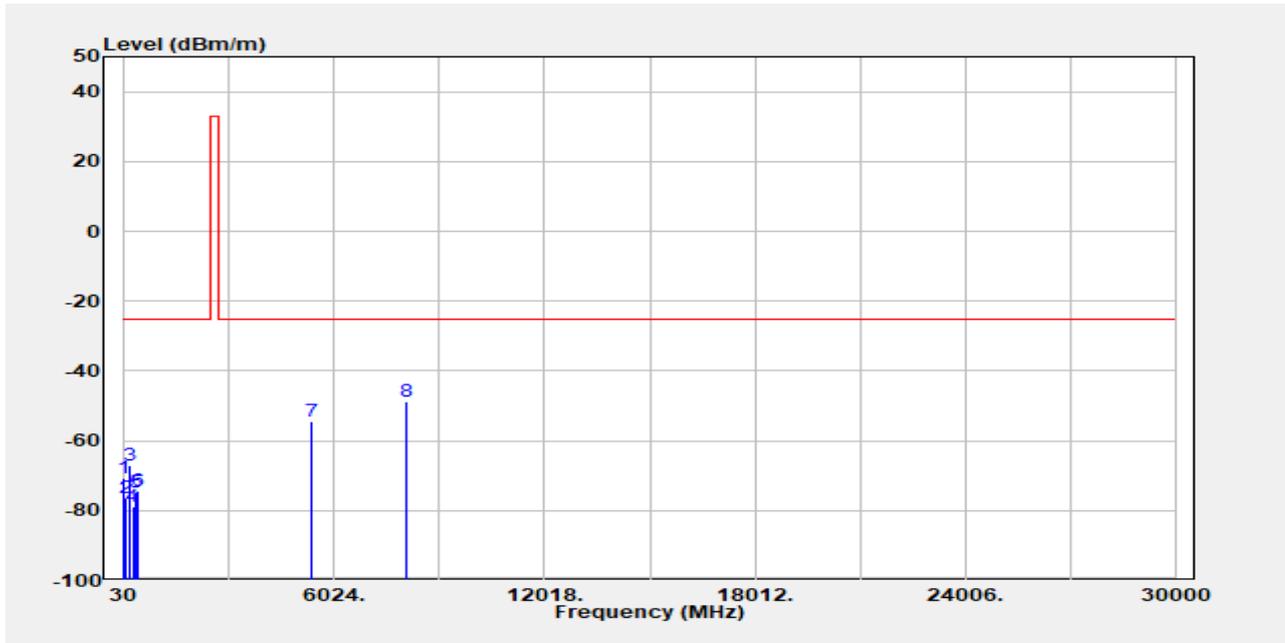
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :2687.5 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	-70.75	-55.33	-14.37	-1.05	-25.00	-45.74
69.77	-76.55	-68.33	-6.69	-1.53	-25.00	-51.55
154.16	-66.99	-63.24	-1.48	-2.27	-25.00	-41.98
266.68	-78.76	-79.87	4.10	-2.99	-25.00	-53.77
372.41	-74.86	-75.44	4.10	-3.52	-25.00	-49.86
407.33	-74.56	-74.86	3.98	-3.68	-25.00	-49.55
5375.00	-54.62	-53.85	13.05	-13.82	-25.00	-29.62
8062.50	-48.97	-42.87	10.97	-17.07	-25.00	-23.97

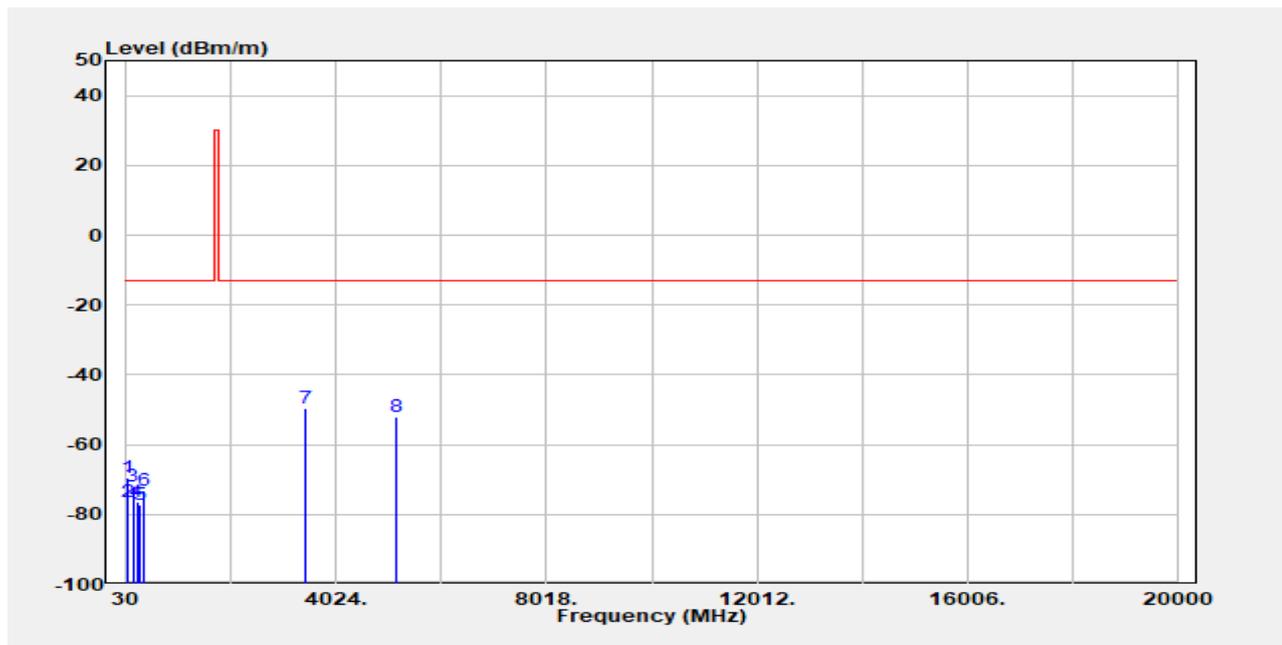
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :1720 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-69.45	-55.04	-13.25	-1.16	-13.00	-56.44
71.71	-76.38	-68.60	-6.23	-1.55	-13.00	-63.38
150.28	-71.83	-67.91	-1.68	-2.24	-13.00	-58.84
226.91	-76.32	-78.47	4.90	-2.75	-13.00	-63.32
265.71	-77.10	-78.29	4.18	-2.99	-13.00	-64.10
367.56	-73.27	-73.95	4.18	-3.50	-13.00	-60.27
3440.00	-49.63	-51.30	12.60	-10.93	-13.00	-36.64
5160.00	-52.16	-51.08	12.44	-13.52	-13.00	-39.16

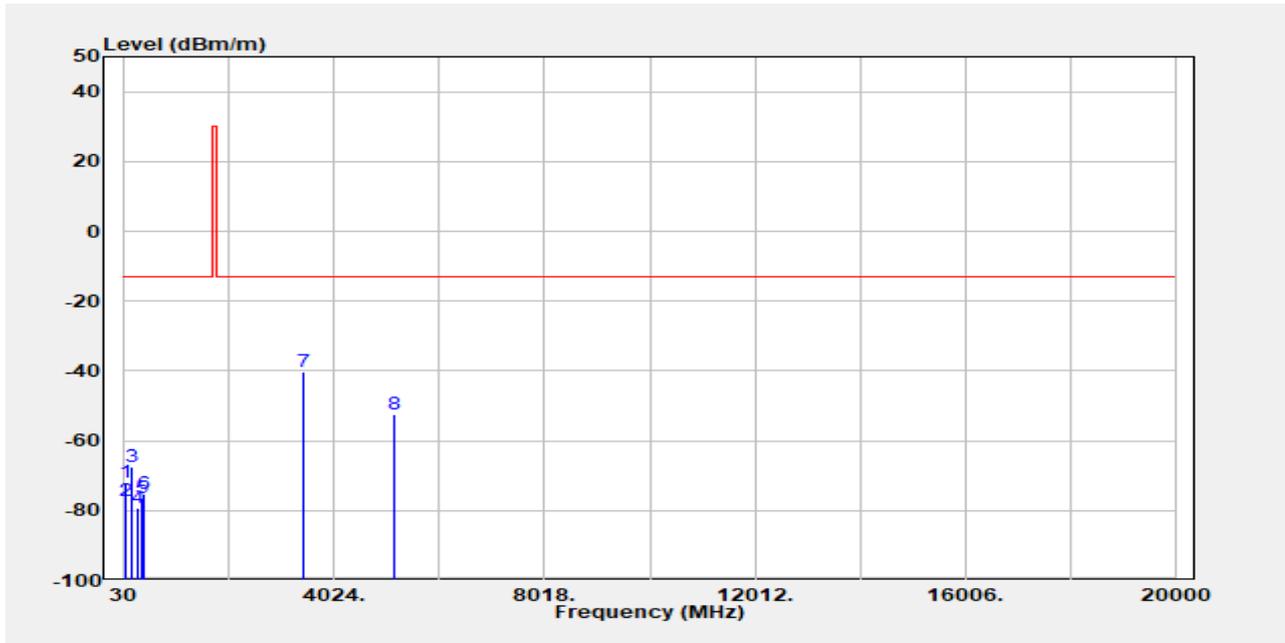
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :1720 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-71.84	-57.43	-13.25	-1.16	-13.00	-58.84
69.77	-77.15	-68.93	-6.69	-1.53	-13.00	-64.15
153.19	-67.33	-63.63	-1.44	-2.26	-13.00	-54.33
271.53	-79.12	-79.87	3.77	-3.02	-13.00	-66.12
367.56	-76.58	-77.26	4.18	-3.50	-13.00	-63.57
404.42	-75.01	-75.27	3.93	-3.67	-13.00	-62.01
3440.00	-40.41	-42.08	12.60	-10.93	-13.00	-27.42
5160.00	-52.30	-51.22	12.44	-13.52	-13.00	-39.31

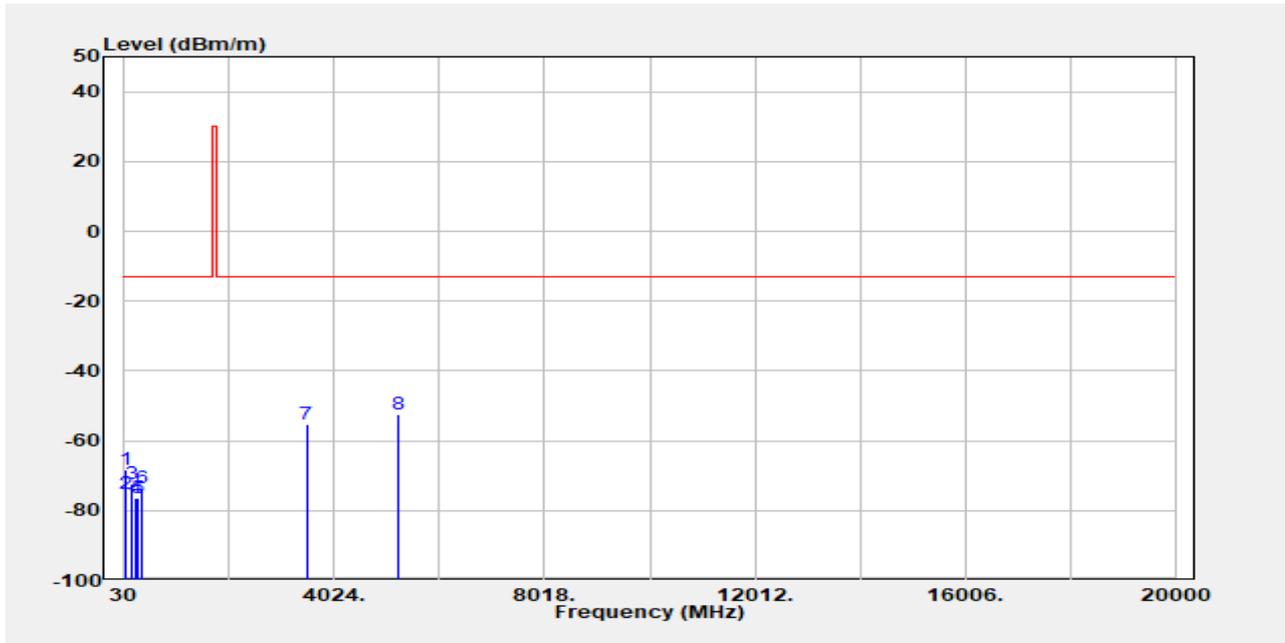
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :1745 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-68.32	-53.91	-13.25	-1.16	-13.00	-55.31
70.74	-75.29	-67.30	-6.45	-1.54	-13.00	-62.29
152.22	-72.48	-68.67	-1.55	-2.26	-13.00	-59.48
230.79	-76.24	-78.07	4.60	-2.77	-13.00	-63.25
278.32	-76.63	-77.28	3.70	-3.05	-13.00	-63.62
378.23	-73.51	-73.97	4.01	-3.55	-13.00	-60.51
3490.00	-55.17	-56.60	12.44	-11.01	-13.00	-42.18
5235.00	-52.37	-51.55	12.81	-13.63	-13.00	-39.36

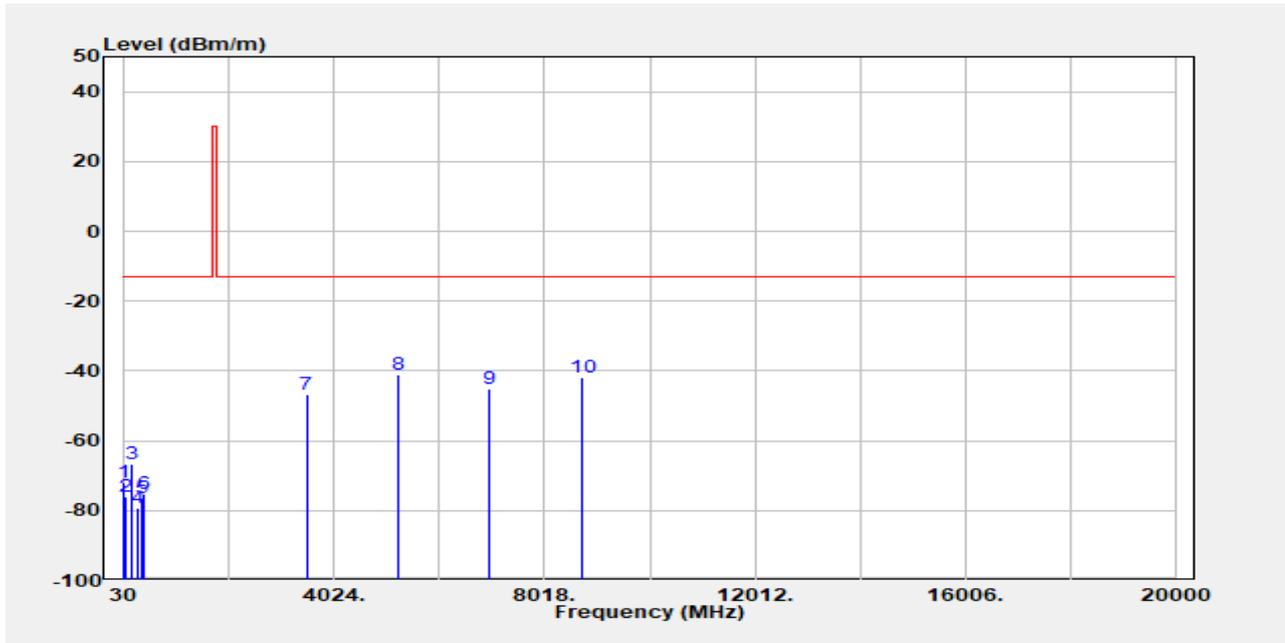
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :1745 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
30.97	-71.85	-55.94	-14.89	-1.02	-13.00	-58.85
70.74	-76.15	-68.16	-6.45	-1.54	-13.00	-63.15
153.19	-66.63	-62.93	-1.44	-2.26	-13.00	-53.63
266.68	-79.22	-80.33	4.10	-2.99	-13.00	-66.22
367.56	-76.35	-77.03	4.18	-3.50	-13.00	-63.34
410.24	-75.36	-75.71	4.04	-3.69	-13.00	-62.36
3490.00	-46.55	-47.97	12.44	-11.01	-13.00	-33.55
5235.00	-41.24	-40.43	12.81	-13.63	-13.00	-28.24
6980.00	-44.96	-40.64	11.52	-15.85	-13.00	-31.96
8725.00	-41.78	-35.47	11.45	-17.76	-13.00	-28.78

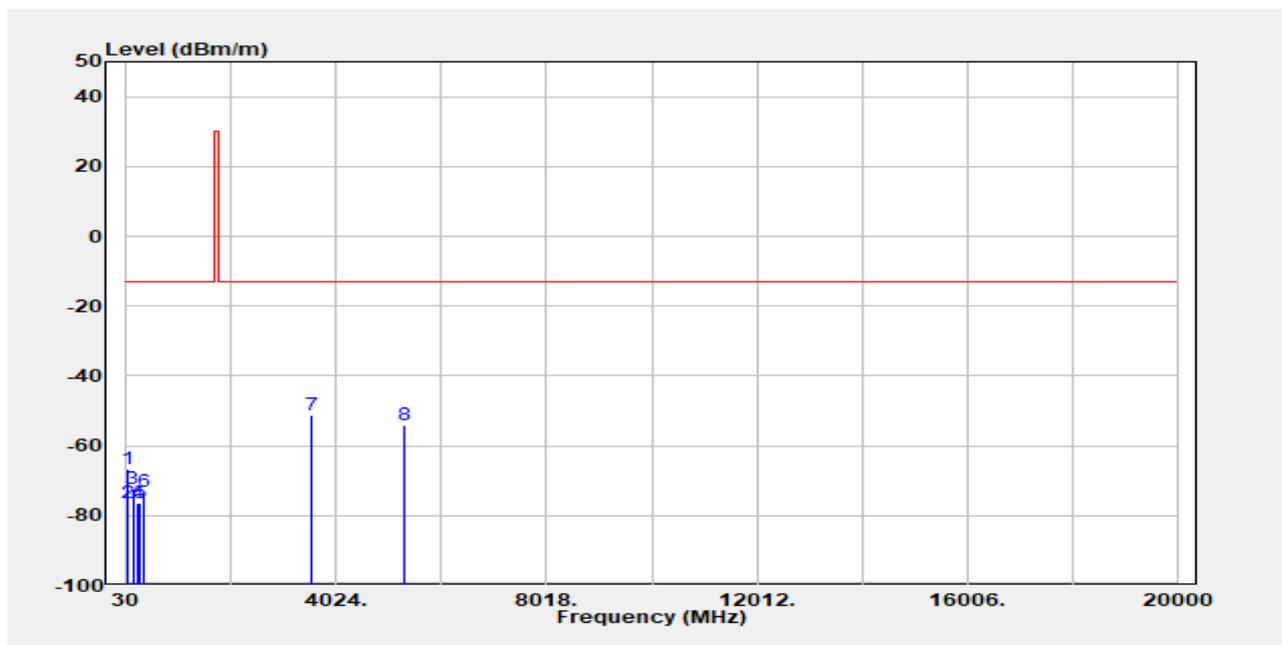
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :1770 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



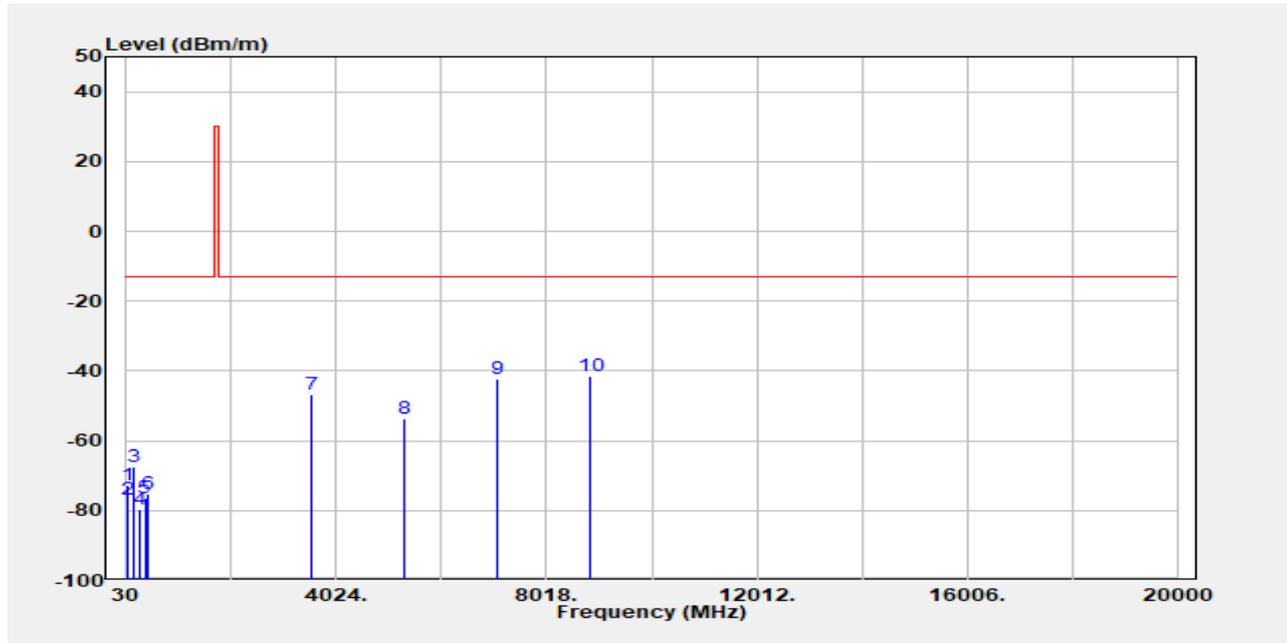
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-66.83	-52.42	-13.25	-1.16	-13.00	-53.82
70.74	-76.38	-68.39	-6.45	-1.54	-13.00	-63.38
149.31	-72.49	-68.65	-1.60	-2.23	-13.00	-59.49
231.76	-76.61	-78.29	4.46	-2.78	-13.00	-63.61
271.53	-76.49	-77.24	3.77	-3.02	-13.00	-63.49
373.38	-73.24	-73.80	4.09	-3.53	-13.00	-60.24
3540.00	-51.03	-52.18	12.24	-11.09	-13.00	-38.03
5310.00	-54.13	-53.42	13.02	-13.73	-13.00	-41.13

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Report Number :TERF2407002102ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :1770 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-72.70	-58.29	-13.25	-1.16	-13.00	-59.69
69.77	-76.90	-68.68	-6.69	-1.53	-13.00	-63.90
155.13	-67.52	-63.75	-1.49	-2.28	-13.00	-54.52
269.59	-79.74	-80.58	3.85	-3.01	-13.00	-66.74
379.20	-76.62	-77.06	3.99	-3.56	-13.00	-63.62
426.73	-75.24	-75.45	3.98	-3.77	-13.00	-62.24
3540.00	-46.68	-47.83	12.24	-11.09	-13.00	-33.68
5310.00	-53.64	-52.93	13.02	-13.73	-13.00	-40.64
7080.00	-42.12	-37.23	11.08	-15.97	-13.00	-29.12
8850.00	-41.41	-35.03	11.50	-17.88	-13.00	-28.41

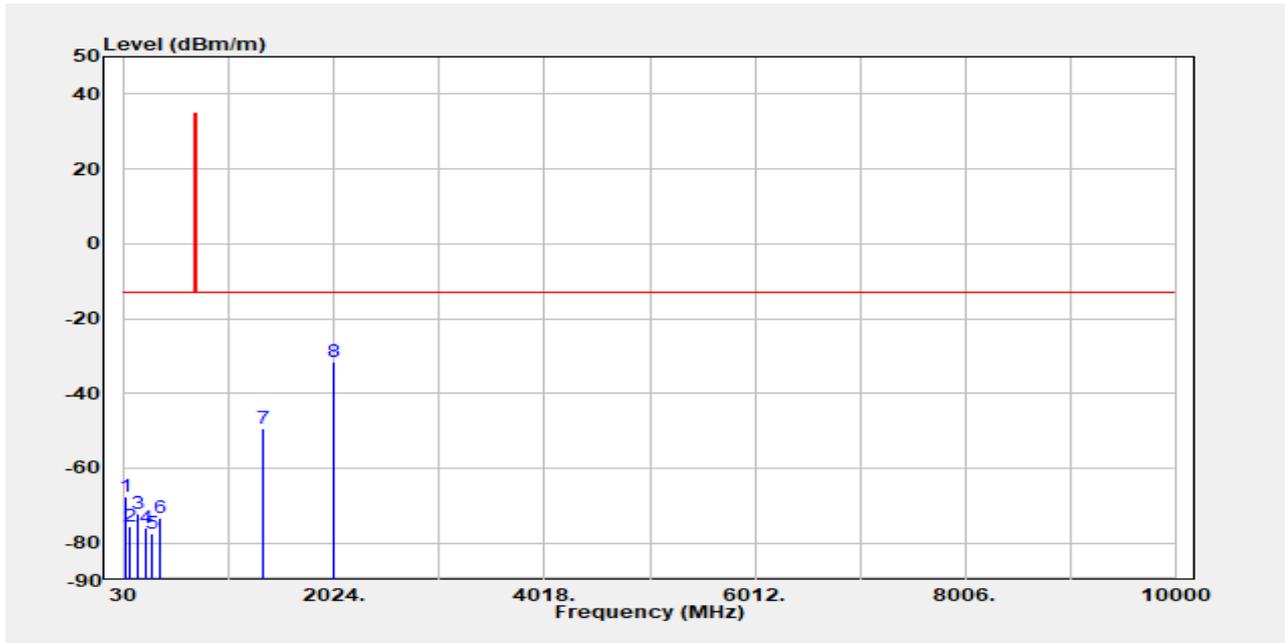
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Report Number :TERF2407002102ER  
Operation Mode :LTE B71  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :673 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-67.51	-53.10	-13.25	-1.16	-13.00	-54.50
71.71	-75.61	-67.83	-6.23	-1.55	-13.00	-62.61
149.31	-72.35	-68.51	-1.60	-2.23	-13.00	-59.35
229.82	-75.90	-77.85	4.72	-2.77	-13.00	-62.90
282.20	-77.51	-78.15	3.70	-3.07	-13.00	-64.51
370.47	-73.15	-73.77	4.13	-3.51	-13.00	-60.15
1346.00	-49.44	-50.01	7.30	-6.73	-13.00	-36.44
2019.00	-31.48	-33.59	10.40	-8.29	-13.00	-18.48

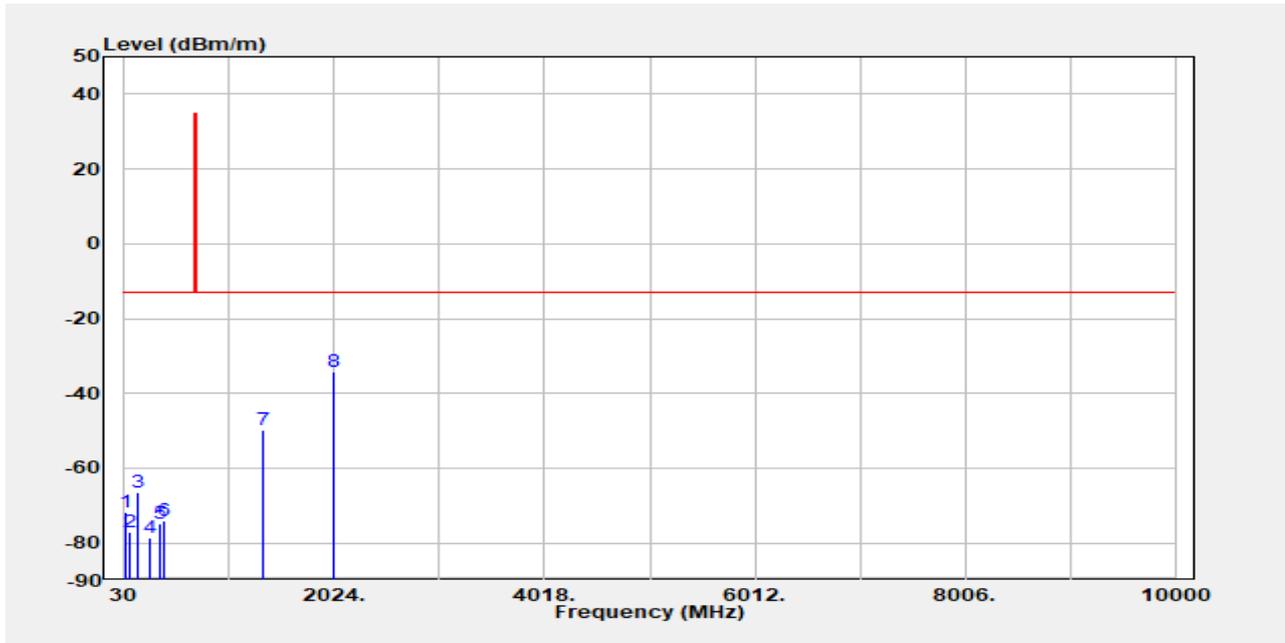
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :673 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
37.76	-71.68	-57.13	-13.43	-1.12	-13.00	-58.68
71.71	-77.00	-69.22	-6.23	-1.55	-13.00	-64.00
155.13	-66.48	-62.71	-1.49	-2.28	-13.00	-53.48
274.44	-78.74	-79.39	3.69	-3.03	-13.00	-65.74
370.47	-74.89	-75.51	4.13	-3.51	-13.00	-61.89
404.42	-74.09	-74.35	3.93	-3.67	-13.00	-61.09
1346.00	-49.94	-50.51	7.30	-6.73	-13.00	-36.94
2019.00	-34.15	-36.26	10.40	-8.29	-13.00	-21.15

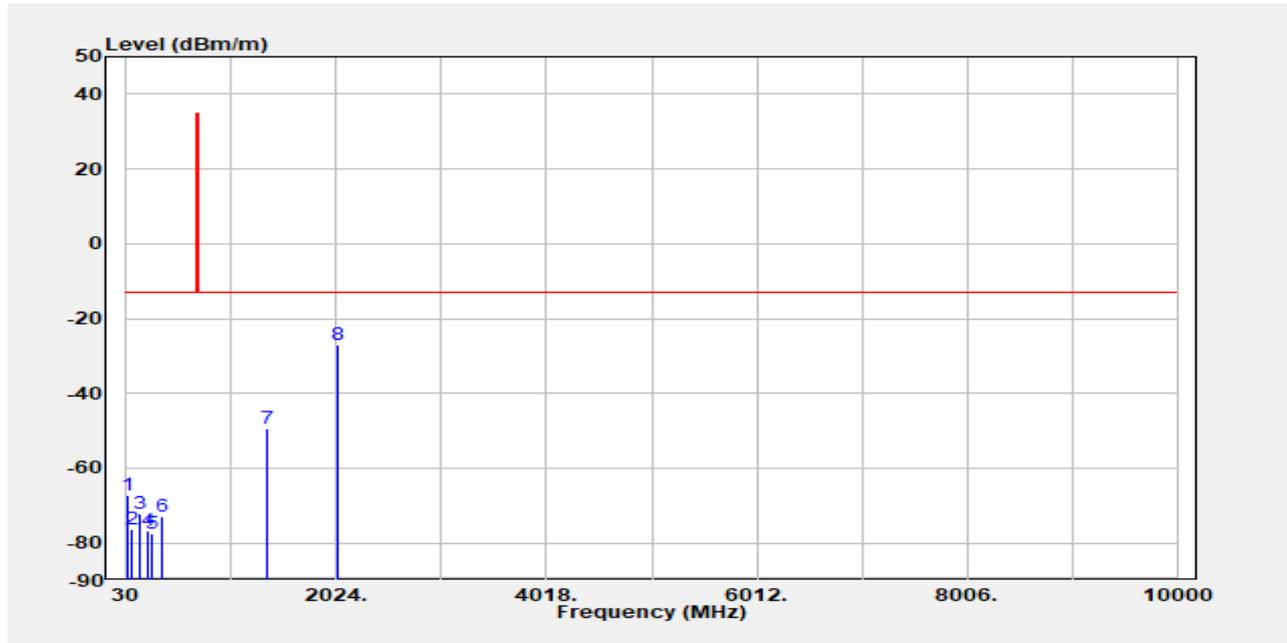
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :680.5 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-67.34	-52.93	-13.25	-1.16	-13.00	-54.33
71.71	-76.19	-68.41	-6.23	-1.55	-13.00	-63.19
151.25	-72.13	-68.26	-1.62	-2.25	-13.00	-59.14
226.91	-76.76	-78.91	4.90	-2.75	-13.00	-63.76
278.32	-77.41	-78.07	3.70	-3.05	-13.00	-64.41
373.38	-73.01	-73.56	4.09	-3.53	-13.00	-60.01
1361.00	-49.42	-50.16	7.51	-6.77	-13.00	-36.42
2041.50	-27.08	-28.86	10.12	-8.34	-13.00	-14.09

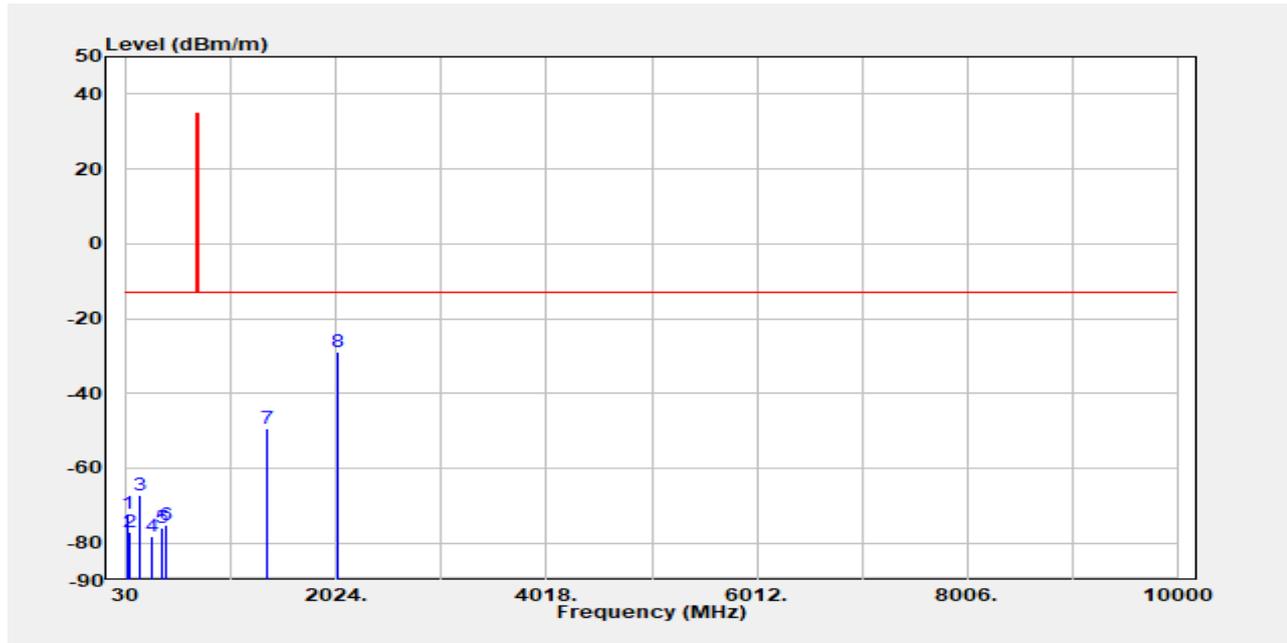
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Report Number :TERF2407002102ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :H Plane  
 Test Frequency :680.5 MHz

Test Site :SAC 3  
 Test Date :2024-10-21  
 Temp./Humi. :26.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
38.73	-72.08	-57.54	-13.41	-1.14	-13.00	-59.08
69.77	-77.01	-68.79	-6.69	-1.53	-13.00	-64.01
154.16	-67.35	-63.61	-1.48	-2.27	-13.00	-54.35
270.56	-78.27	-79.05	3.79	-3.01	-13.00	-65.27
372.41	-75.98	-76.56	4.10	-3.52	-13.00	-62.98
411.21	-75.23	-75.60	4.06	-3.70	-13.00	-62.23
1361.00	-49.45	-50.19	7.51	-6.77	-13.00	-36.45
2041.50	-29.07	-30.84	10.12	-8.34	-13.00	-16.07

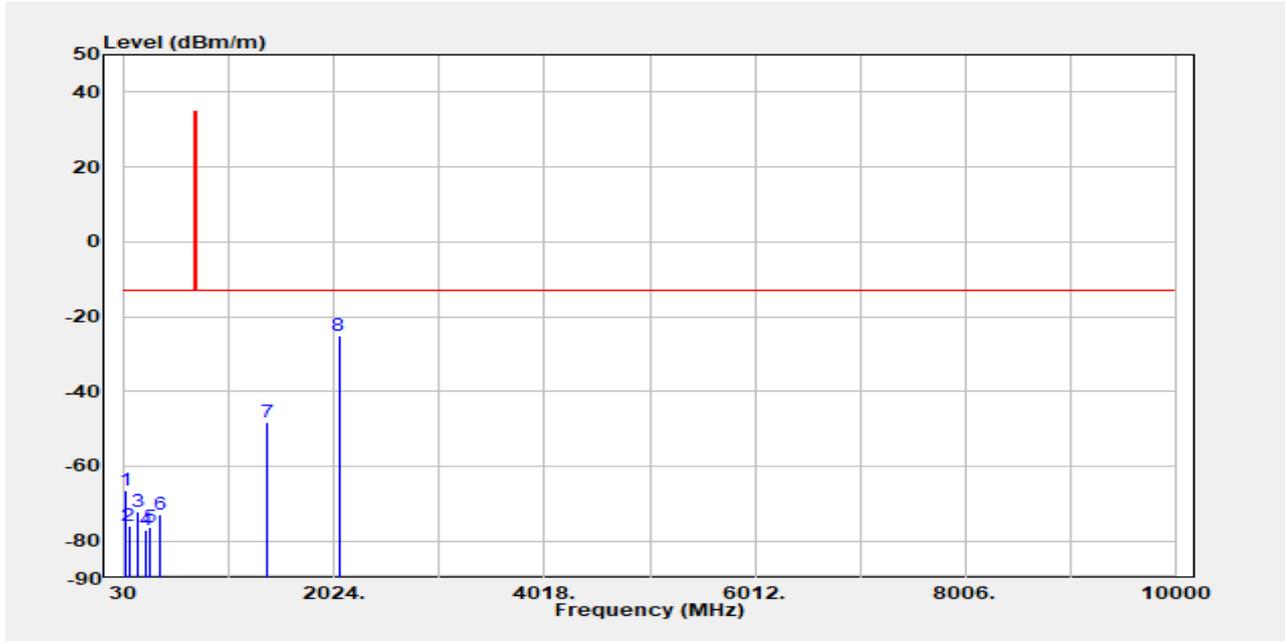
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Report Number :TERF2407002102ER  
Operation Mode :LTE B71  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :688 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
39.70	-66.54	-52.14	-13.25	-1.16	-13.00	-53.54
70.74	-76.03	-68.04	-6.45	-1.54	-13.00	-63.03
151.25	-72.26	-68.39	-1.62	-2.25	-13.00	-59.26
229.82	-77.05	-79.00	4.72	-2.77	-13.00	-64.05
269.59	-76.52	-77.36	3.85	-3.01	-13.00	-63.52
370.47	-72.97	-73.59	4.13	-3.51	-13.00	-59.97
1376.00	-48.25	-48.93	7.48	-6.80	-13.00	-35.25
2064.00	-25.00	-26.77	10.16	-8.39	-13.00	-12.00

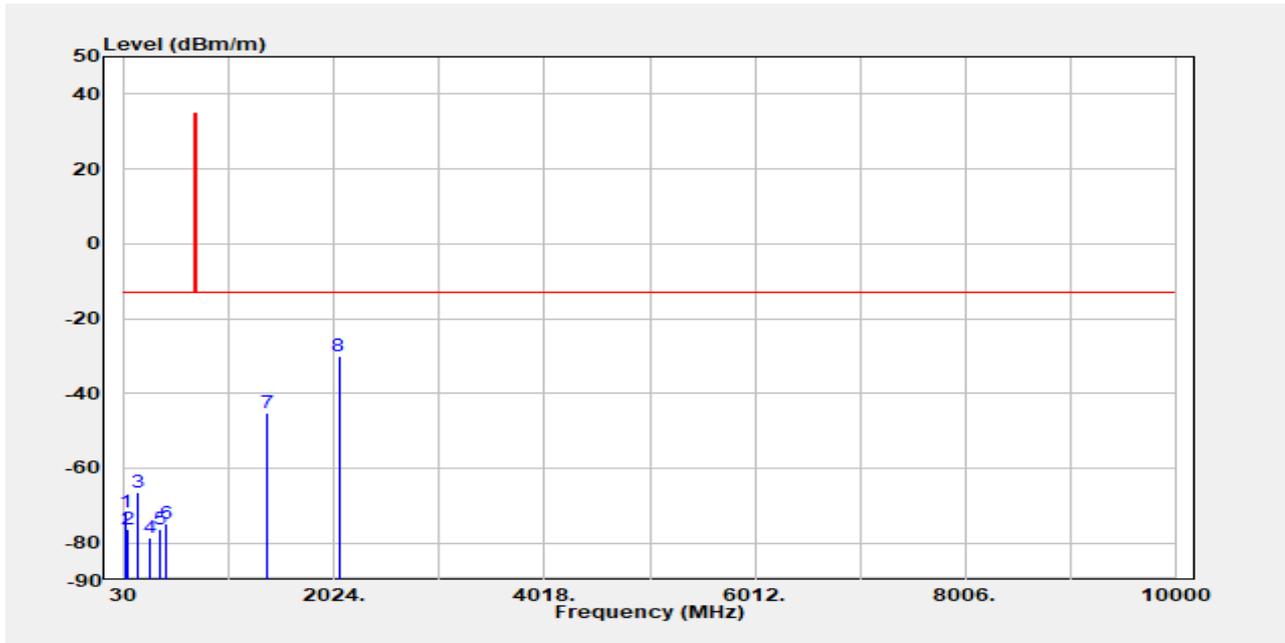
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Operation Mode :LTE B71  
Test Mode :Tx  
EUT Pol :H Plane  
Test Frequency :688 MHz

Test Site :SAC 3  
Test Date :2024-10-21  
Temp./Humi. :26.1°C/57%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.91	-71.81	-56.40	-14.37	-1.05	-13.00	-58.81
69.77	-76.50	-68.28	-6.69	-1.53	-13.00	-63.50
154.16	-66.29	-62.55	-1.48	-2.27	-13.00	-53.29
265.71	-78.69	-79.88	4.18	-2.99	-13.00	-65.69
373.38	-76.21	-76.77	4.09	-3.53	-13.00	-63.21
422.85	-74.94	-75.28	4.09	-3.75	-13.00	-61.94
1376.00	-45.35	-46.03	7.48	-6.80	-13.00	-32.35
2064.00	-29.94	-31.71	10.16	-8.39	-13.00	-16.94

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## 6 FREQUENCY STABILITY MEASUREMENT

**Note:** The battery is rated 7.8V dc.

Reference Freq.:		LTE B2 Mid Channel		1880.0000	MHz	10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit		
<b>Freq. ERROR vs. VOLTAGE</b>						
8.97	20	1879.999988	-0.0063	+/- 2.5 ppm		
7.8	20	1879.999994	-0.0032			
6.63	20	1880.000003	0.0015			
5.1 (End Point)	20	1880.000008	0.0045			
<b>Freq. ERROR vs. Temp.</b>						
7.8	-30	1880.000004	0.0022	+/- 2.5 ppm		
7.8	-20	1879.999987	-0.0068			
7.8	-10	1880.000014	0.0075			
7.8	0	1880.000008	0.0044			
7.8	10	1879.999986	-0.0077			
7.8	20	1880.000005	0.0028			
7.8	30	1879.999987	-0.0072			
7.8	40	1879.999990	-0.0052			
7.8	50	1880.000007	0.0039			

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Reference Freq.:		LTE B4 Mid Channel		1732.5000	MHz 10M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	1732.500008	0.0046	+/- 2.5 ppm	
7.8	20	1732.499986	-0.0079		
6.63	20	1732.500006	0.0035		
5.1 (End Point)	20	1732.499990	-0.0059		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	1732.499995	-0.0027	+/- 2.5 ppm	
7.8	-20	1732.499998	-0.0011		
7.8	-10	1732.500006	0.0034		
7.8	0	1732.500010	0.0059		
7.8	10	1732.500006	0.0033		
7.8	20	1732.499993	-0.0040		
7.8	30	1732.499995	-0.0028		
7.8	40	1732.500011	0.0061		
7.8	50	1732.499986	-0.0083		
Reference Freq.:		LTE B5 Mid Channel		836.5000	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	836.500012	0.0148	+/- 2.5 ppm	
7.8	20	836.499985	-0.0178		
6.63	20	836.499994	-0.0068		
5.1 (End Point)	20	836.500010	0.0115		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	836.499992	-0.0093	+/- 2.5 ppm	
7.8	-20	836.500006	0.0074		
7.8	-10	836.499990	-0.0121		
7.8	0	836.500010	0.0117		
7.8	10	836.500005	0.0059		
7.8	20	836.500006	0.0071		
7.8	30	836.500013	0.0158		
7.8	40	836.500003	0.0037		
7.8	50	836.499997	-0.0037		

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Reference Freq.:		LTE B7 Mid Channel		2535.0000	MHz 10M QPSK CH 21100
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	2535.000007	0.0028	+/- 2.5 ppm	
7.8	20	2534.999996	-0.0015		
6.63	20	2535.000005	0.0019		
5.1 (End Point)	20	2534.999994	-0.0023		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	2534.999989	-0.0045	+/- 2.5 ppm	
7.8	-20	2535.000015	0.0058		
7.8	-10	2535.000011	0.0041		
7.8	0	2535.000009	0.0036		
7.8	10	2534.999990	-0.0040		
7.8	20	2534.999992	-0.0031		
7.8	30	2534.999994	-0.0022		
7.8	40	2534.999996	-0.0015		
7.8	50	2534.999989	-0.0045		
Reference Freq.:		LTE B12 Mid Channel		707.5000	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	707.499998	-0.0035	+/- 2.5 ppm	
7.8	20	707.500004	0.0057		
6.63	20	707.499990	-0.0143		
5.1 (End Point)	20	707.500009	0.0126		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	707.500007	0.0092	+/- 2.5 ppm	
7.8	-20	707.499989	-0.0160		
7.8	-10	707.499997	-0.0040		
7.8	0	707.500014	0.0192		
7.8	10	707.499996	-0.0061		
7.8	20	707.500004	0.0057		
7.8	30	707.500010	0.0137		
7.8	40	707.499996	-0.0057		
7.8	50	707.500011	0.0153		

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Reference Freq.:		LTE B17 Mid Channel		710.0000 MHz	10M QPSK CH 23790
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	709.999992	-0.0108	+/- 2.5 ppm	
7.8	20	710.000007	0.0100		
6.63	20	710.000004	0.0054		
5.1 (End Point)	20	709.999995	-0.0065		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	709.999992	-0.0107	+/- 2.5 ppm	
7.8	-20	709.999994	-0.0087		
7.8	-10	709.999988	-0.0172		
7.8	0	709.999988	-0.0168		
7.8	10	710.000012	0.0162		
7.8	20	710.000013	0.0177		
7.8	30	709.999993	-0.0103		
7.8	40	710.000005	0.0069		
7.8	50	709.999993	-0.0094		

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Reference Freq.:		LTE B25 Mid Channel		1882.5000	MHz 10M QPSK CH 26365
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	1882.500011	0.0059	+/- 2.5 ppm	
7.8	20	1882.499994	-0.0032		
6.63	20	1882.499987	-0.0071		
5.1 (End Point)	20	1882.500007	0.0039		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	1882.500004	0.0019	+/- 2.5 ppm	
7.8	-20	1882.499994	-0.0035		
7.8	-10	1882.500014	0.0072		
7.8	0	1882.499997	-0.0014		
7.8	10	1882.500009	0.0048		
7.8	20	1882.499987	-0.0072		
7.8	30	1882.499990	-0.0051		
7.8	40	1882.500011	0.0060		
7.8	50	1882.499986	-0.0074		

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Reference Freq.:		Part 90 LTE B26 Mid Channel		819.0000	MHz 10M QPSK CH 26740
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S)</b>					
8.97	20	819.000012	0.0151	+/- 2.5 ppm	
7.8	20	819.000006	0.0071		
6.63	20	818.999989	-0.0129		
5.1 (End Point)	20	818.999994	-0.0078		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	818.999988	-0.0144	+/- 2.5 ppm	
7.8	-20	819.000006	0.0070		
7.8	-10	819.000008	0.0095		
7.8	0	819.000014	0.0176		
7.8	10	819.000005	0.0055		
7.8	20	818.999987	-0.0165		
7.8	30	818.999987	-0.0154		
7.8	40	818.999993	-0.0089		
7.8	50	818.999998	-0.0031		

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Reference Freq.:		LTE B26 Mid Channel		831.5000	MHz 10M QPSK CH 26865
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	831.499993	-0.0089	+/- 2.5 ppm	
7.8	20	831.499999	-0.0016		
6.63	20	831.500013	0.0156		
5.1 (End Point)	20	831.499996	-0.0044		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	831.500007	0.0084	+/- 2.5 ppm	
7.8	-20	831.499998	-0.0028		
7.8	-10	831.499990	-0.0124		
7.8	0	831.499995	-0.0064		
7.8	10	831.500002	0.0029		
7.8	20	831.499986	-0.0168		
7.8	30	831.500008	0.0091		
7.8	40	831.499994	-0.0073		
7.8	50	831.500008	0.0101		

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Reference Freq.:		LTE B30 Mid Channel		2310.0000	MHz 10M QPSK CH 27710
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	2310.00011	0.0048	+/- 2.5 ppm	
7.8	20	2309.99997	-0.0015		
6.63	20	2310.00010	0.0044		
5.1 (End Point)	20	2309.99990	-0.0043		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	2310.00009	0.0040	+/- 2.5 ppm	
7.8	-20	2309.99991	-0.0041		
7.8	-10	2309.99989	-0.0048		
7.8	0	2310.00013	0.0057		
7.8	10	2309.99990	-0.0043		
7.8	20	2309.99996	-0.0019		
7.8	30	2310.00011	0.0048		
7.8	40	2309.99996	-0.0019		
7.8	50	2310.00005	0.0023		
Reference Freq.:		LTE B38 Mid Channel		2595.0000	MHz 10M QPSK CH 38000
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	2595.00004	0.0014	+/- 2.5 ppm	
7.8	20	2595.00010	0.0039		
6.63	20	2594.99987	-0.0049		
5.1 (End Point)	20	2595.00005	0.0017		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	2595.00003	0.0011	+/- 2.5 ppm	
7.8	-20	2594.99995	-0.0020		
7.8	-10	2595.00014	0.0052		
7.8	0	2594.99987	-0.0049		
7.8	10	2595.00004	0.0014		
7.8	20	2594.99991	-0.0033		
7.8	30	2594.99995	-0.0021		
7.8	40	2595.00002	0.0007		
7.8	50	2595.00002	0.0009		

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Reference Freq.:		LTE B41 Mid Channel		2593.0000	MHz 10M QPSK CH 40620
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	2592.999998	-0.0010	+/- 2.5 ppm	
7.8	20	2593.000009	0.0033		
6.63	20	2593.000004	0.0015		
5.1 (End Point)	20	2592.999990	-0.0040		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	2593.000015	0.0057	+/- 2.5 ppm	
7.8	-20	2592.999996	-0.0017		
7.8	-10	2592.999997	-0.0013		
7.8	0	2593.000005	0.0021		
7.8	10	2593.000010	0.0038		
7.8	20	2593.000002	0.0006		
7.8	30	2592.999989	-0.0042		
7.8	40	2593.000010	0.0038		
7.8	50	2593.000011	0.0044		
Reference Freq.:		LTE B66 Mid Channel		1745.0000	MHz 10M QPSK CH 132322
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	1744.999988	-0.0069	+/- 2.5 ppm	
7.8	20	1745.000010	0.0057		
6.63	20	1744.999987	-0.0077		
5.1 (End Point)	20	1745.000009	0.0050		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	1745.000003	0.0019	+/- 2.5 ppm	
7.8	-20	1744.999987	-0.0073		
7.8	-10	1744.999986	-0.0079		
7.8	0	1745.000008	0.0045		
7.8	10	1744.999994	-0.0036		
7.8	20	1744.999986	-0.0079		
7.8	30	1745.000012	0.0070		
7.8	40	1745.000009	0.0051		
7.8	50	1745.000006	0.0032		

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Reference Freq.:		LTE B71 Mid Channel		680.5000	MHz 10M QPSK CH 133297
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
<b>Freq. ERROR vs. VOLTAGE</b>					
8.97	20	680.500012	0.0173	+/- 2.5 ppm	
7.8	20	680.499995	-0.0068		
6.63	20	680.500013	0.0184		
5.1 (End Point)	20	680.499989	-0.0157		
<b>Freq. ERROR vs. Temp.</b>					
7.8	-30	680.499990	-0.0153	+/- 2.5 ppm	
7.8	-20	680.499996	-0.0063		
7.8	-10	680.500015	0.0216		
7.8	0	680.500010	0.0141		
7.8	10	680.500011	0.0154		
7.8	20	680.500007	0.0101		
7.8	30	680.499998	-0.0028		
7.8	40	680.500009	0.0126		
7.8	50	680.500005	0.0079		

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## 7 PEAK TO AVERAGE RATIO

LTE BAND 2							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1850.7	18607	6.96	13	1851.5	18615	6.95	13
1880.0	18900	6.10	13	1880.0	18900	6.42	13
1909.3	19193	6.63	13	1908.5	19185	6.64	13

LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.5	18625	6.85	13	1855.0	18650	6.61	13
1880.0	18900	6.55	13	1880.0	18900	6.58	13
1907.5	19175	6.82	13	1905.0	19150	6.20	13

LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.5	18675	6.25	13	1860.0	18700	6.55	13
1880.0	18900	6.15	13	1880.0	18900	6.77	13
1902.5	19125	6.71	13	1900.0	19100	6.56	13

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LTE BAND 4							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1710.7	19957	6.43	13	1711.5	19965	5.95	13
1732.5	20175	6.44	13	1732.5	20175	6.43	13
1754.3	20393	6.69	13	1753.5	20385	6.73	13

LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1712.5	19975	6.23	13	1715.0	20000	6.34	13
1732.5	20175	6.30	13	1732.5	20175	6.41	13
1752.5	20375	6.20	13	1750.0	20350	6.21	13

LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1717.5	20025	6.32	13	1720.0	20050	6.22	13
1732.5	20175	6.37	13	1732.5	20175	6.28	13
1747.5	20325	6.09	13	1745.0	20300	6.43	13

LTE BAND 5							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
824.7	20407	6.69	13	825.5	20415	6.45	13
836.5	20525	6.25	13	836.5	20525	6.49	13
848.3	20643	6.52	13	847.5	20635	6.44	13

LTE BAND 5							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.5	20425	6.59	13	829.0	20450	6.26	13
836.5	20525	6.41	13	836.5	20525	6.35	13
846.5	20625	6.86	13	844.0	20600	6.45	13

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LTE BAND 7							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2502.5	20775	6.89	13	2505.0	20800	6.68	13
2535.0	21100	6.83	13	2535.0	21100	6.73	13
2567.5	21375	6.59	13	2565.0	21350	6.64	13

LTE BAND 7							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2507.5	20825	6.83	13	2510	20850	6.42	13
2535.0	21100	6.50	13	2535	21100	6.78	13
2562.5	21375	6.70	13	2560	21350	6.50	13

LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
699.7	23017	6.89	13	700.5	23025	6.60	13
707.5	23095	6.81	13	707.5	23095	6.82	13
715.3	23173	6.62	13	714.5	23165	6.81	13

LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
701.5	23035	6.85	13	704.0	23060	6.64	13
707.5	23095	6.95	13	707.5	23095	6.66	13
713.5	23155	6.59	13	711.0	23130	6.56	13

LTE BAND 17							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
706.5	23755	6.74	13	709.0	23780	6.75	13
710.0	23790	6.68	13	710.0	23790	6.60	13
713.5	23825	6.64	13	711.0	23800	6.67	13

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LTE BAND 25							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1850.7	26047	6.79	13	1851.5	26055	6.52	13
1882.5	26365	7.43	13	1882.5	26365	7.02	13
1914.3	26683	6.12	13	1913.5	26675	6.58	13

LTE BAND 25							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.5	26065	6.88	13	1855.0	26090	6.62	13
1882.5	26365	6.75	13	1882.5	26365	6.62	13
1912.5	26665	6.48	13	1910.0	26640	6.56	13

LTE BAND 25							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.5	26115	6.26	13	1860.0	26140	6.29	13
1882.5	26365	6.51	13	1882.5	26365	6.98	13
1907.5	26615	6.37	13	1905.0	26590	6.41	13

LTE BAND 26 for part 90S							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
814.7	26697	6.81	13	815.5	26705	6.51	13
819.0	26740	6.70	13	819	26740	6.55	13
823.3	26783	6.65	13	822.5	26775	6.68	13

LTE BAND 26 for part 90S							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
816.5	26715	6.69	13	819.0	26740	6.56	13
819.0	26740	6.55	13				
821.5	26765	6.57	13				

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LTE BAND 26							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
824.7	26797	6.51	13	825.5	26805	6.75	13
836.5	26915	6.75	13	836.5	26915	6.65	13
848.3	27033	6.65	13	847.5	27025	6.39	13

LTE BAND 26							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.5	26815	6.52	13	829.0	26840	6.43	13
836.5	26915	6.61	13	836.5	26915	6.69	13
846.5	27015	6.87	13	844.0	26990	6.78	13

LTE BAND 26							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
831.5	26865	6.85	13				
836.5	26915	6.68	13				
841.5	26965	6.55	13				

LTE BAND 30							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2307.5	27685	6.44	13	2310.0	27710	6.76	13
2310.0	27710	6.44	13				
2312.5	27735	6.66	13				

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LTE BAND 38							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2572.5	37775	6.59	13	2575	37800	6.70	13
2595.0	38000	7.13	13	2595	38000	6.91	13
2617.5	38225	6.42	13	2615	38200	6.68	13

LTE BAND 38							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2577.5	37825	6.25	13	2580.0	37850	6.83	13
2595.0	38000	6.56	13	2595.0	38000	6.61	13
2612.5	38175	6.47	13	2610.0	38150	6.84	13

LTE BAND 41							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2498.5	39675	7.61	13	2501.0	39700	7.45	13
2502.5	39715	8.28	13	2505.0	39740	6.50	13
2593.0	40620	8.34	13	2593.0	40620	6.44	13
2687.5	41565	7.00	13	2685.0	41540	6.72	13

LTE BAND 41							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2503.5	39725	6.49	13	2506.0	39750	7.10	13
2507.5	39765	6.66	13	2510.0	39790	7.00	13
2593.0	40620	6.58	13	2593.0	40620	6.15	13
2682.5	41515	6.37	13	2680.0	41490	7.10	13

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LTE BAND 66							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1710.7	131979	6.06	13	1711.5	131987	6.16	13
1745.0	132322	6.80	13	1745.0	132322	6.45	13
1779.3	132665	6.79	13	1778.5	132657	6.09	13

LTE BAND 66							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1712.5	131997	6.20	13	1715.0	132022	6.21	13
1745.0	132322	6.24	13	1745.0	132322	6.27	13
1777.5	132647	6.64	13	1775.0	132622	6.02	13

LTE BAND 66							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1717.5	132047	6.40	13	1720.0	132072	6.16	13
1745.0	132322	6.12	13	1745.0	132322	6.19	13
1772.5	132597	6.20	13	1770.0	132572	6.62	13

LTE BAND 71							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
665.5	133147	6.80	13	668.0	133172	6.59	13
680.5	133297	6.73	13	680.5	133297	6.49	13
695.5	133447	7.02	13	693.0	133422	6.61	13

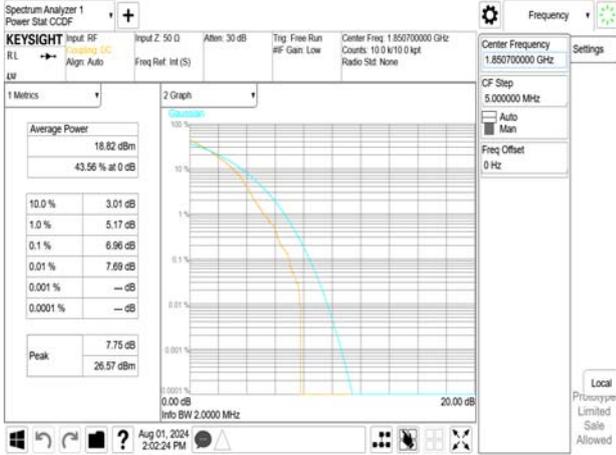
LTE BAND 71							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
670.5	133197	6.43	13	673.0	133222	6.57	13
680.5	133297	6.86	13	680.5	133297	6.92	13
690.5	133397	6.68	13	688.0	133372	6.66	13

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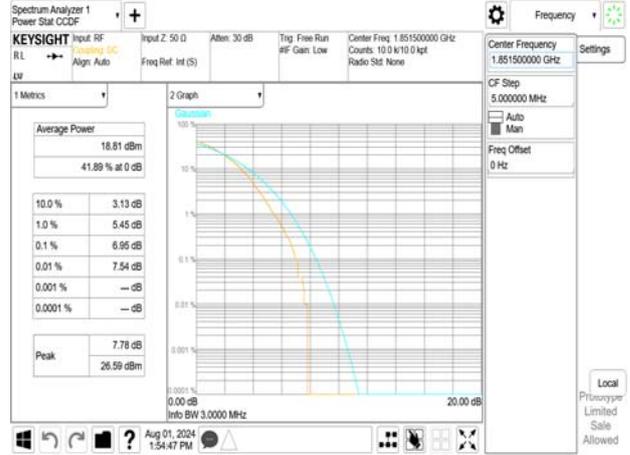
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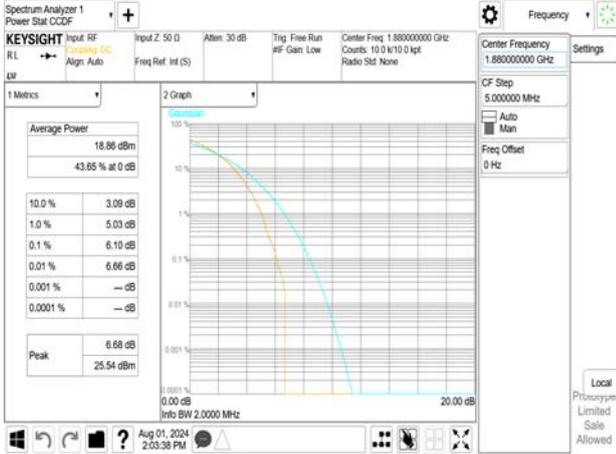
Band2\_1.4MHz\_256QAM\_RB6\_0\_CH18607



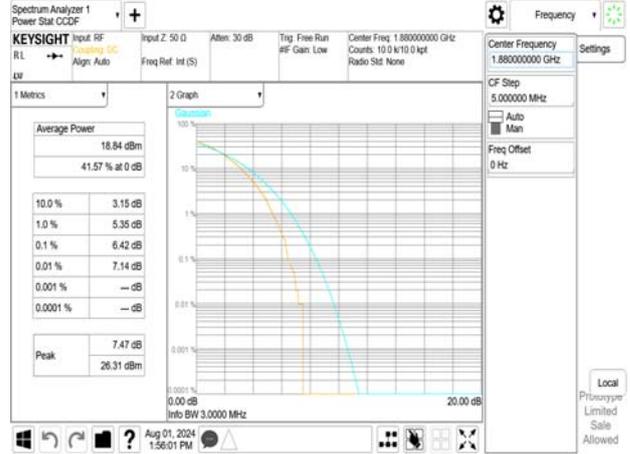
Band2\_3MHz\_256QAM\_RB15\_0\_CH18615



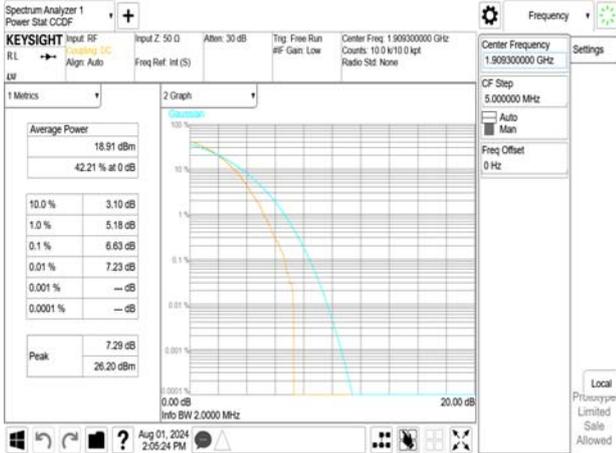
Band2\_1.4MHz\_256QAM\_RB6\_0\_CH18900



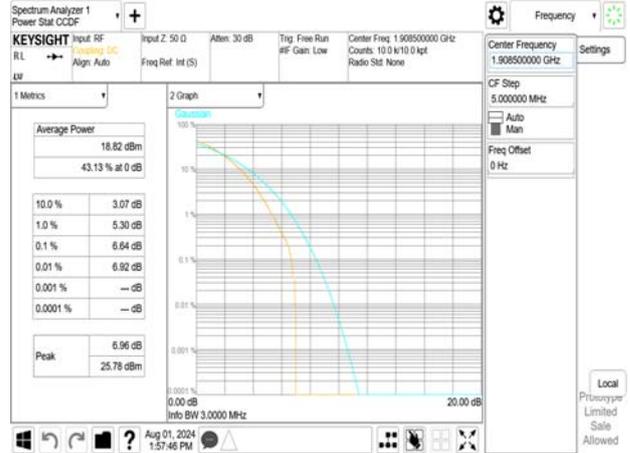
Band2\_3MHz\_256QAM\_RB15\_0\_CH18900



Band2\_1.4MHz\_256QAM\_RB6\_0\_CH19193



Band2\_3MHz\_256QAM\_RB15\_0\_CH19185

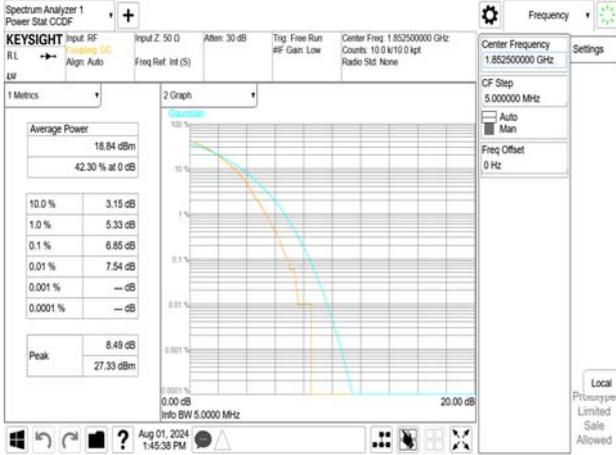


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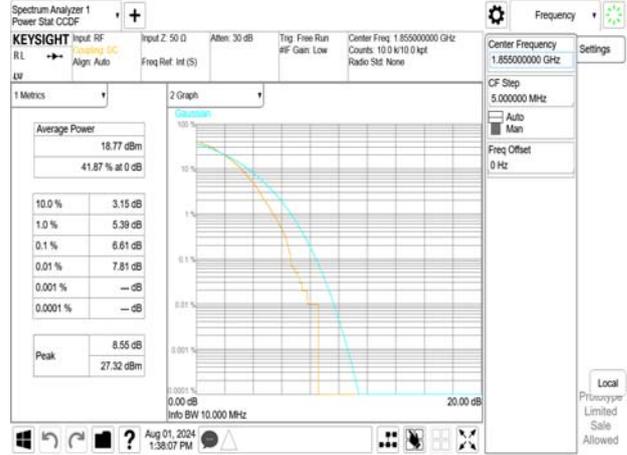
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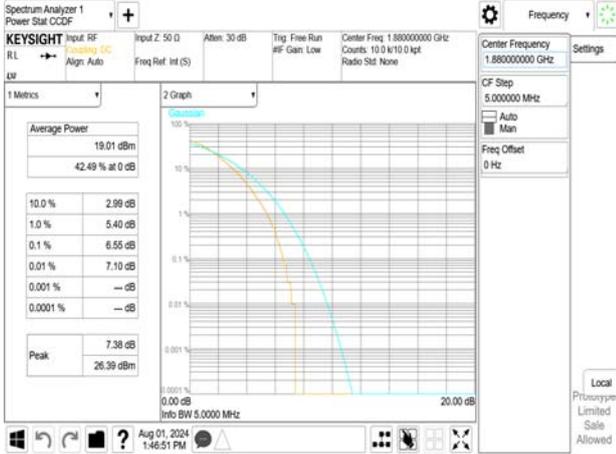
Band2\_5MHz\_256QAM\_RB25\_0\_CH18625



Band2\_10MHz\_256QAM\_RB50\_0\_CH18650



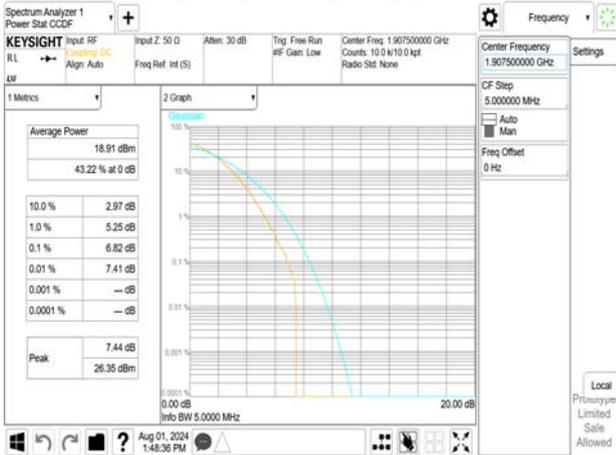
Band2\_5MHz\_256QAM\_RB25\_0\_CH18900



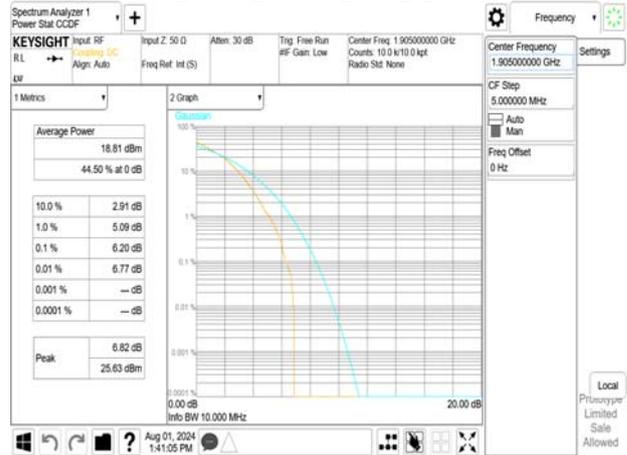
Band2\_10MHz\_256QAM\_RB50\_0\_CH18900



Band2\_5MHz\_256QAM\_RB25\_0\_CH19175



Band2\_10MHz\_256QAM\_RB50\_0\_CH19150

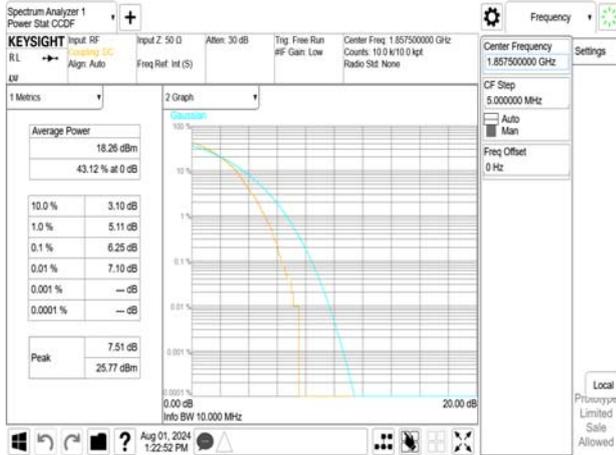


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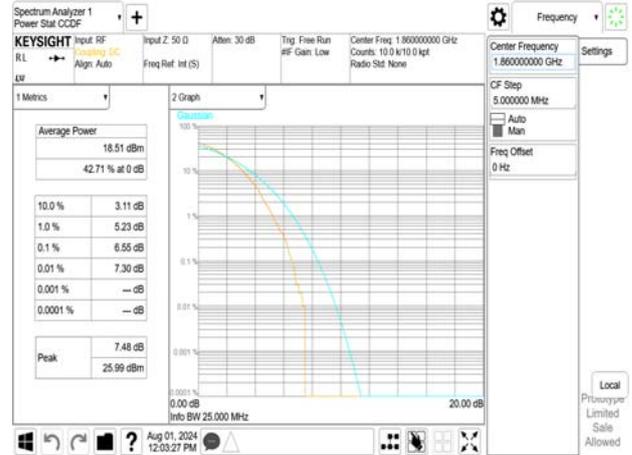
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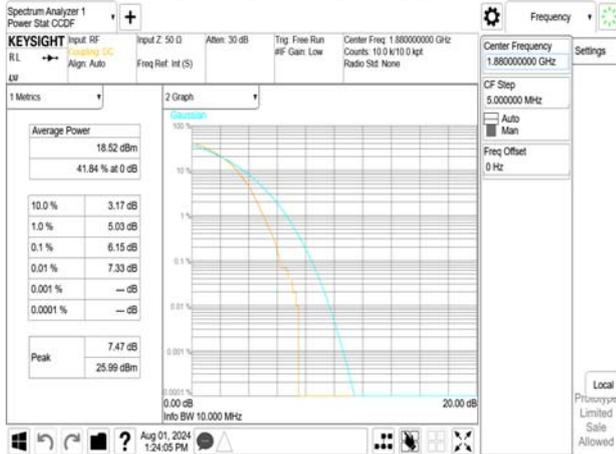
Band2\_15MHz\_256QAM\_RB75\_0\_CH18675



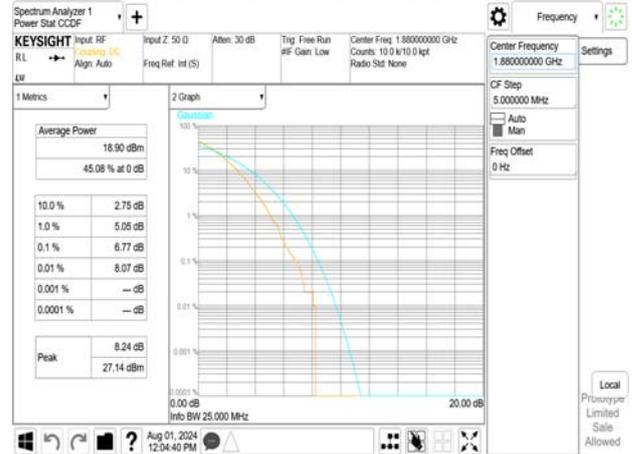
Band2\_20MHz\_256QAM\_RB100\_0\_CH18700



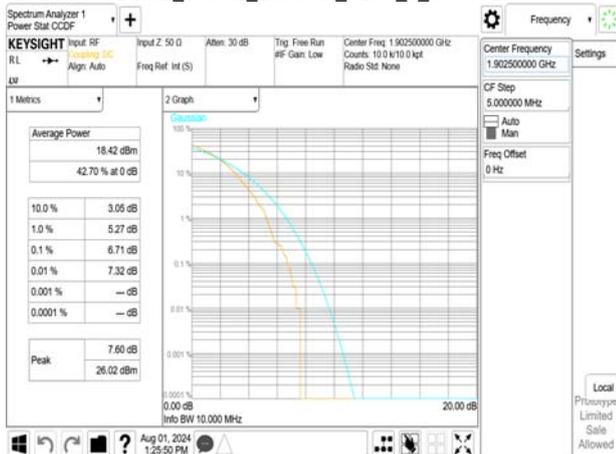
Band2\_15MHz\_256QAM\_RB75\_0\_CH18900



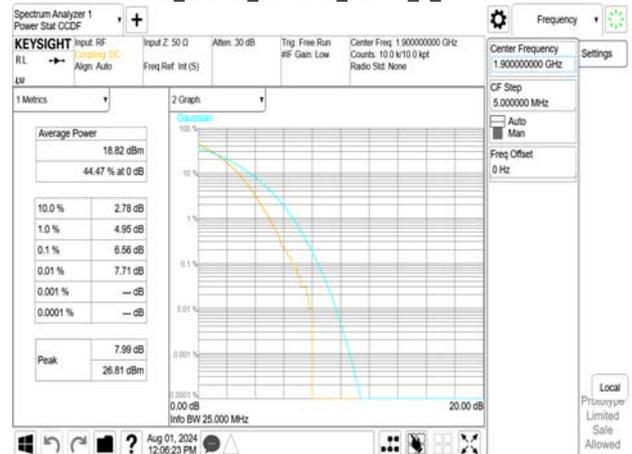
Band2\_20MHz\_256QAM\_RB100\_0\_CH18900



Band2\_15MHz\_256QAM\_RB75\_0\_CH19125



Band2\_20MHz\_256QAM\_RB100\_0\_CH19100

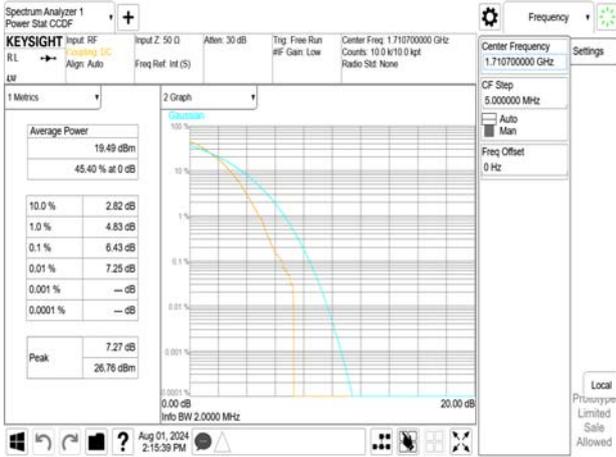


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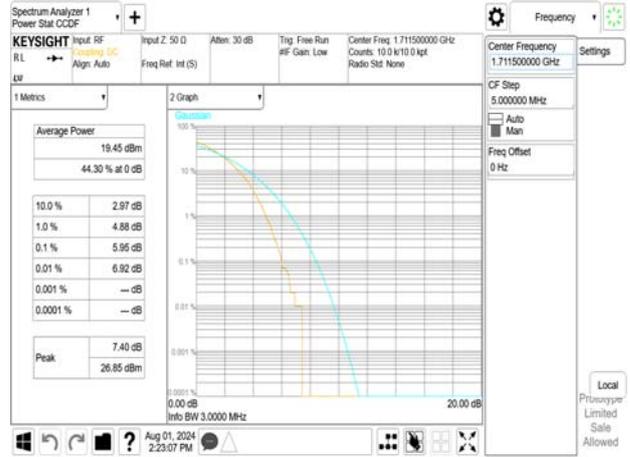
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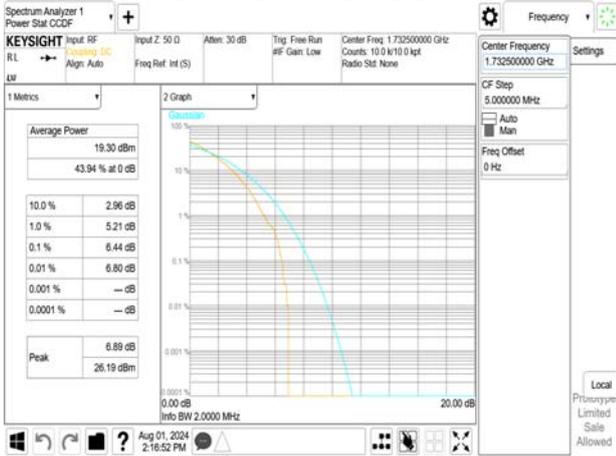
Band4\_1.4MHz\_256QAM\_RB6\_0\_CH19957



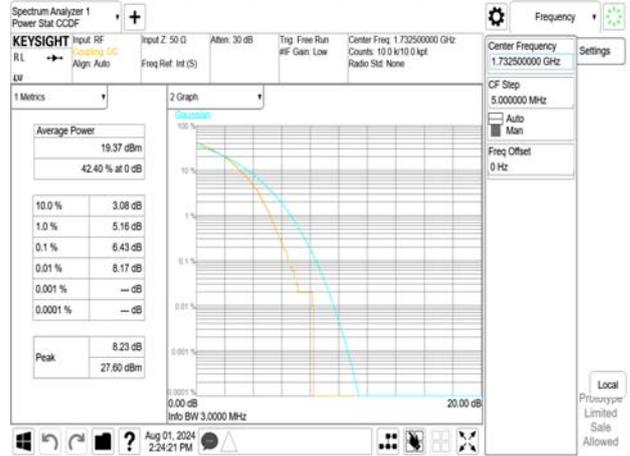
Band4\_3MHz\_256QAM\_RB15\_0\_CH19965



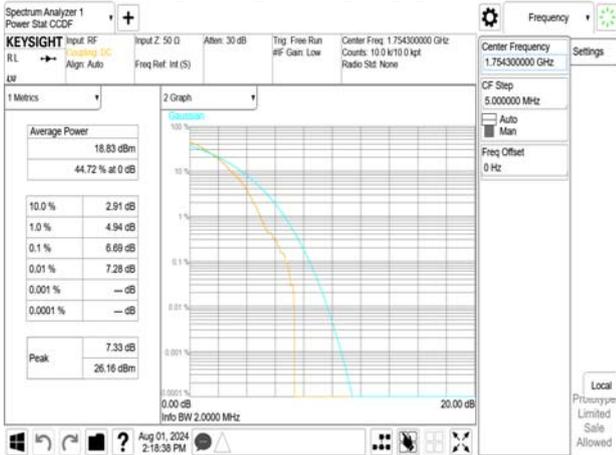
Band4\_1.4MHz\_256QAM\_RB6\_0\_CH20175



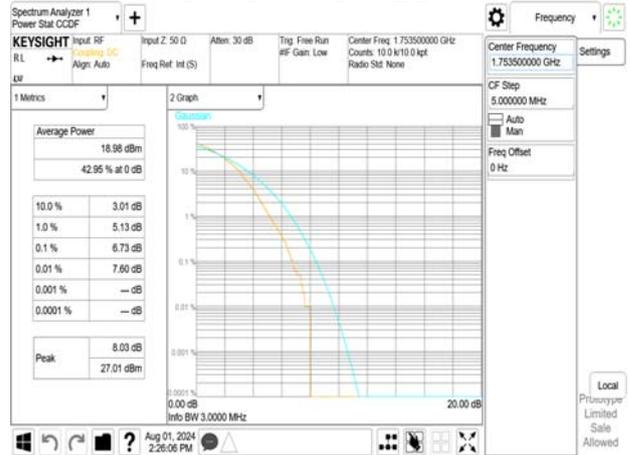
Band4\_3MHz\_256QAM\_RB15\_0\_CH20175



Band4\_1.4MHz\_256QAM\_RB6\_0\_CH20393



Band4\_3MHz\_256QAM\_RB15\_0\_CH20385

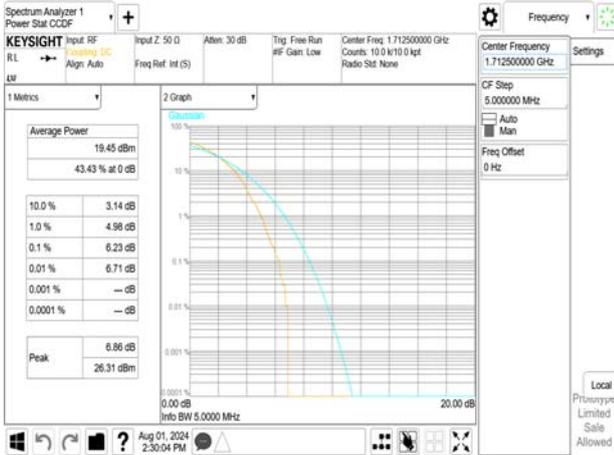


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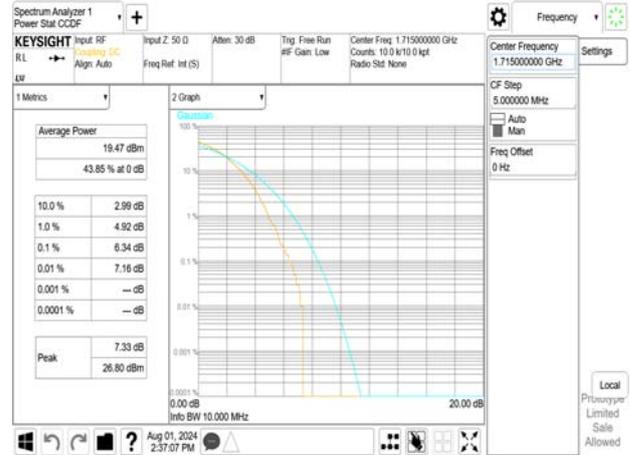
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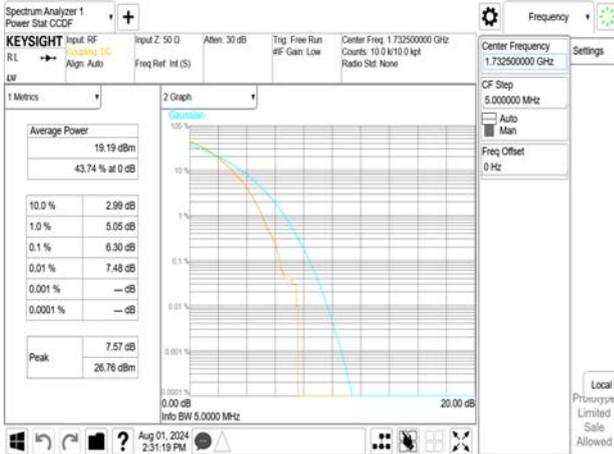
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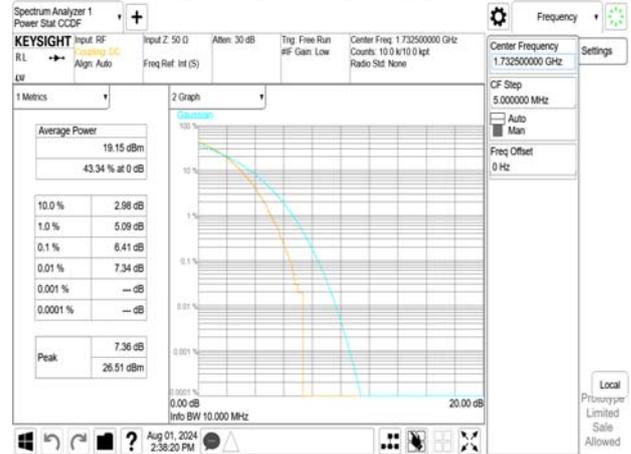
Band4\_10MHz\_256QAM\_RB50\_0\_CH20000



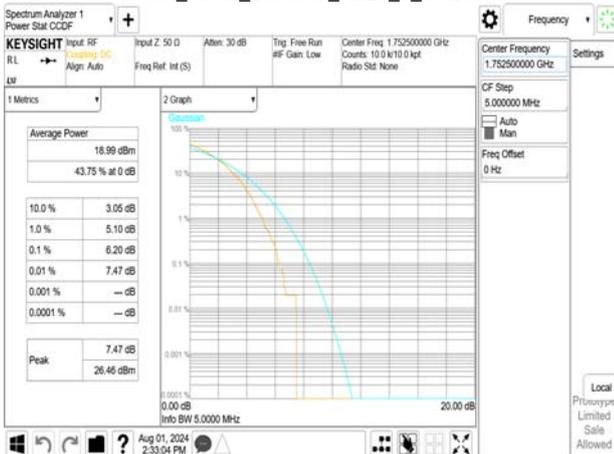
Band4\_5MHz\_256QAM\_RB25\_0\_CH20175



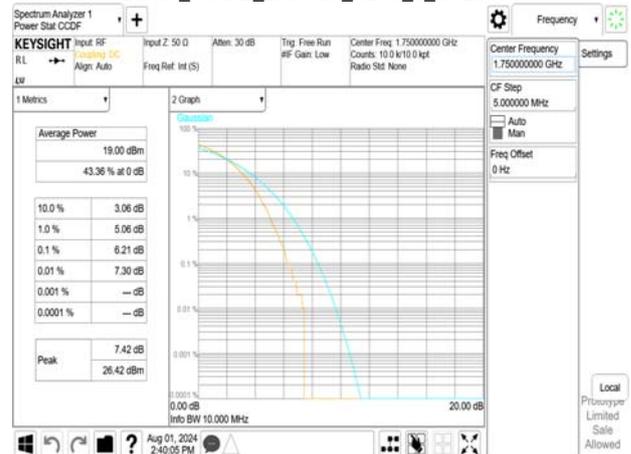
Band4\_10MHz\_256QAM\_RB50\_0\_CH20175



Band4\_5MHz\_256QAM\_RB25\_0\_CH20375



Band4\_10MHz\_256QAM\_RB50\_0\_CH20350

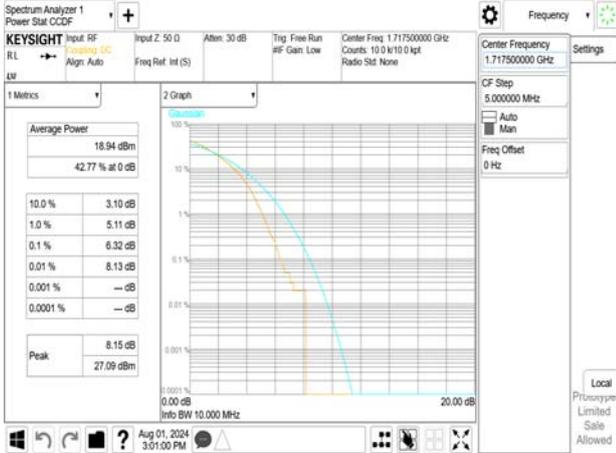


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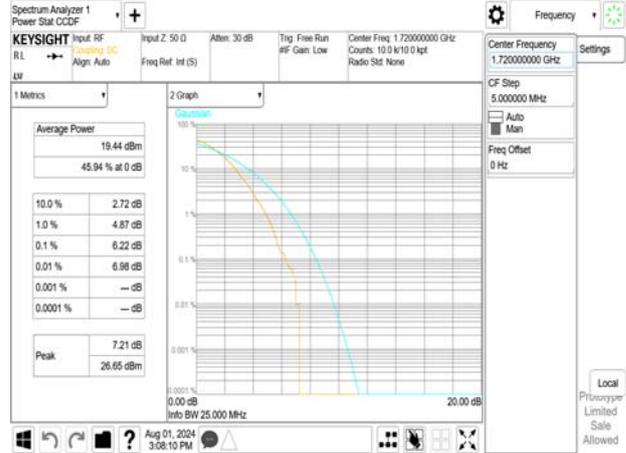
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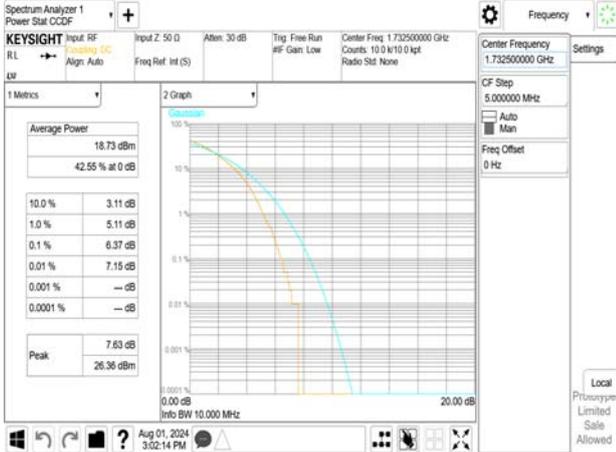
Band4\_15MHz\_256QAM\_RB75\_0\_CH20025



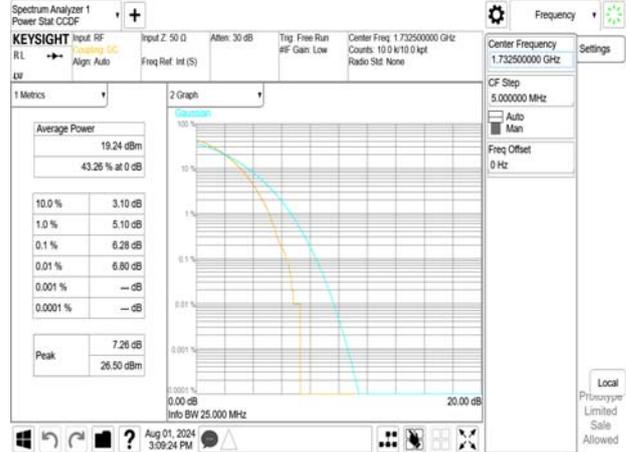
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Band4\_15MHz\_256QAM\_RB75\_0\_CH20175



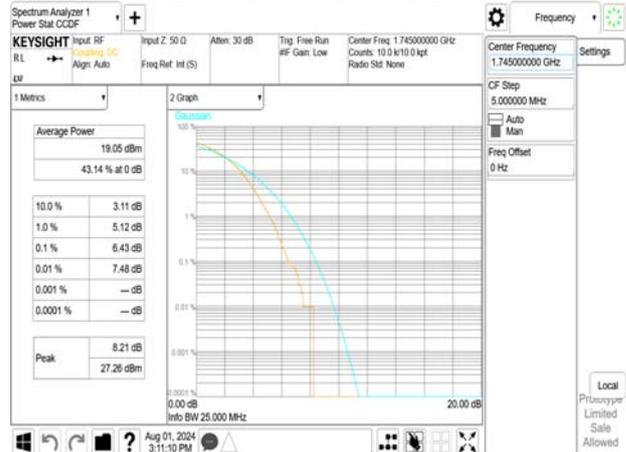
Band4\_20MHz\_256QAM\_RB100\_0\_CH20175



Band4\_15MHz\_256QAM\_RB75\_0\_CH20325



Band4\_20MHz\_256QAM\_RB100\_0\_CH20300

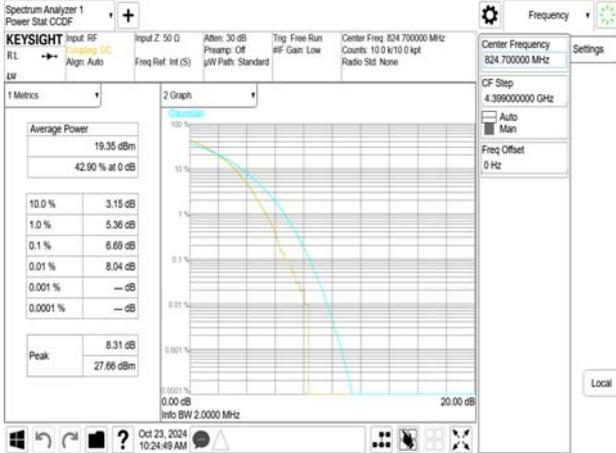


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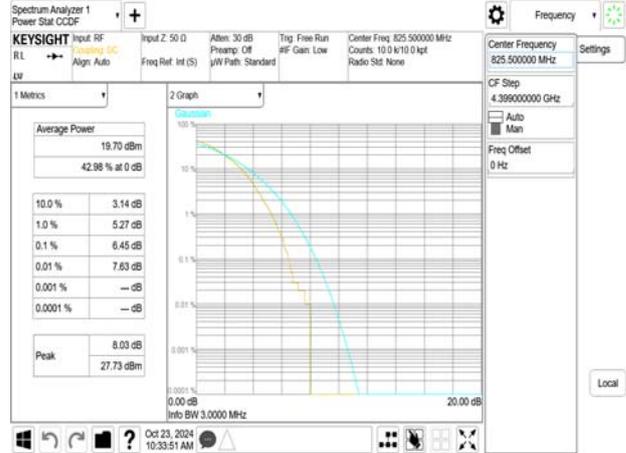
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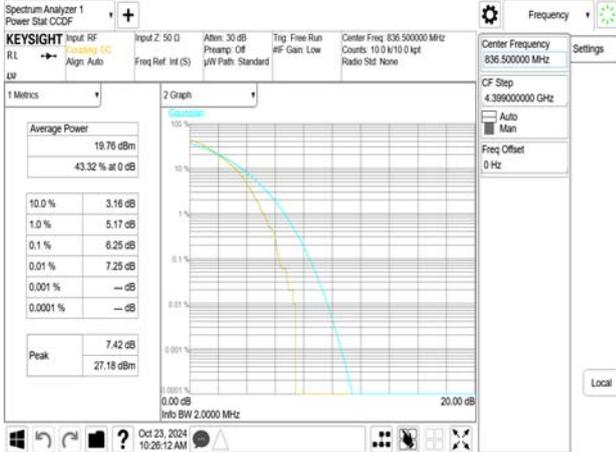
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Band5\_3MHz\_256QAM\_RB15\_0\_CH20415



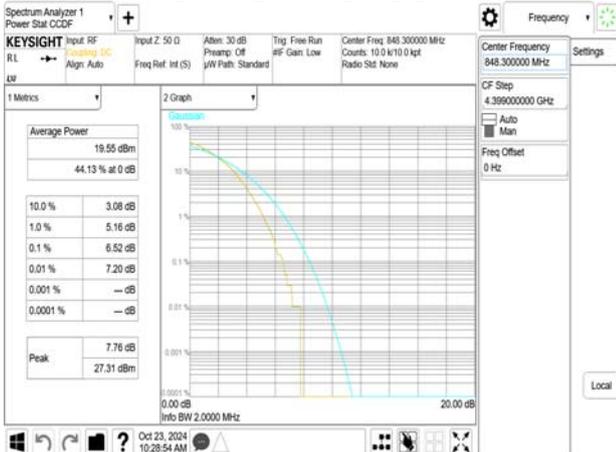
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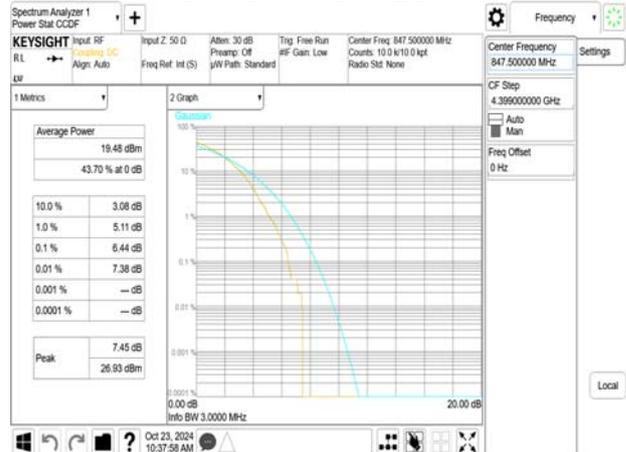
Band5\_3MHz\_256QAM\_RB15\_0\_CH20525



Band5\_1.4MHz\_256QAM\_RB6\_0\_CH20643



Band5\_3MHz\_256QAM\_RB15\_0\_CH20635

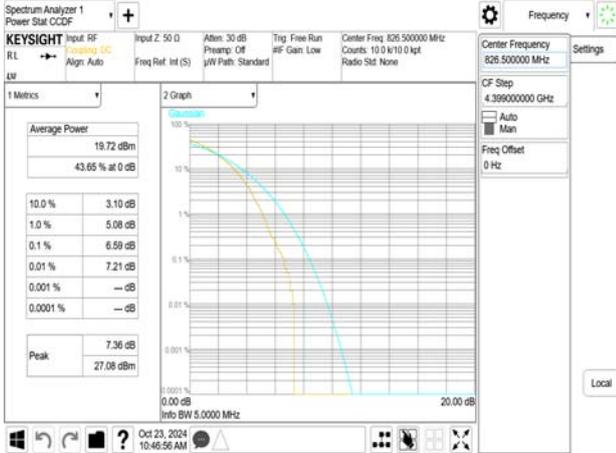


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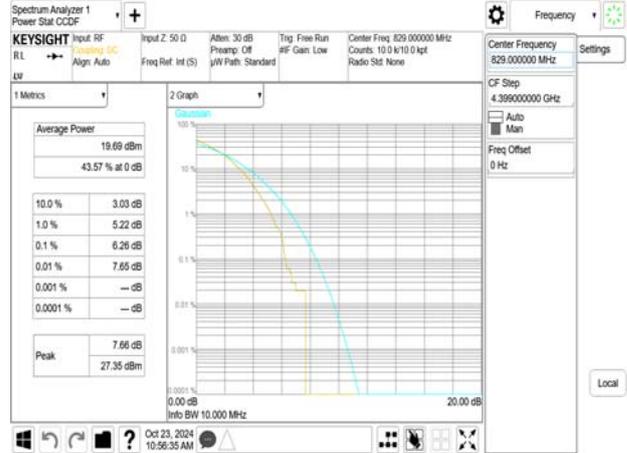
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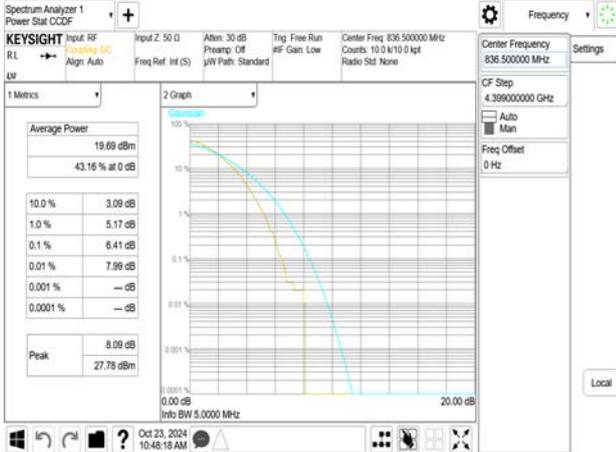
Band5\_5MHz\_256QAM\_RB25\_0\_CH20425



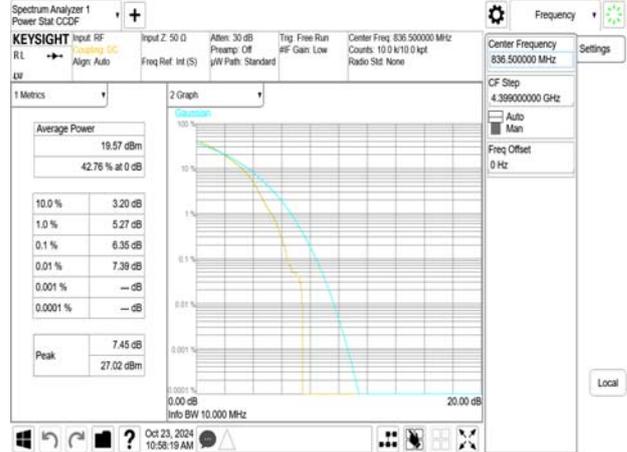
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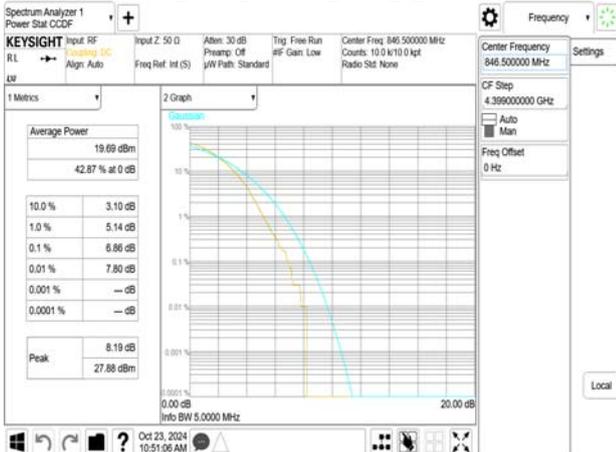
Band5\_5MHz\_256QAM\_RB25\_0\_CH20525



Band5\_10MHz\_256QAM\_RB50\_0\_CH20525



Band5\_5MHz\_256QAM\_RB25\_0\_CH20625



Band5\_10MHz\_256QAM\_RB50\_0\_CH20600

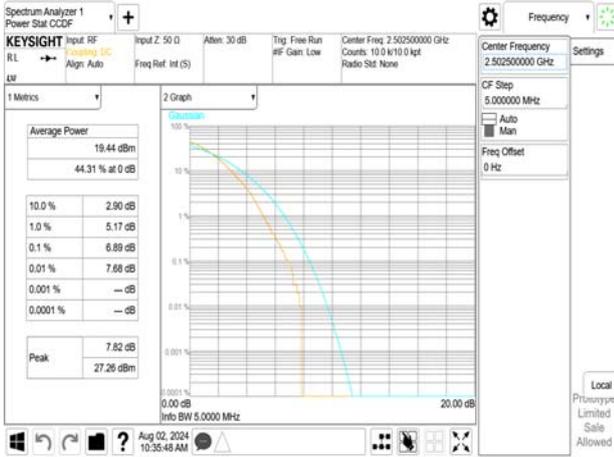


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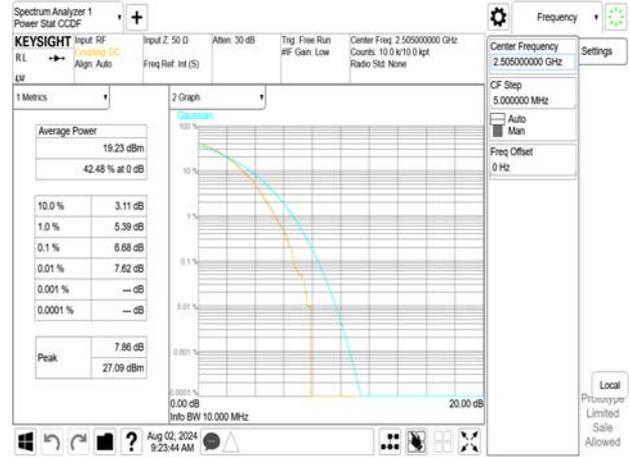
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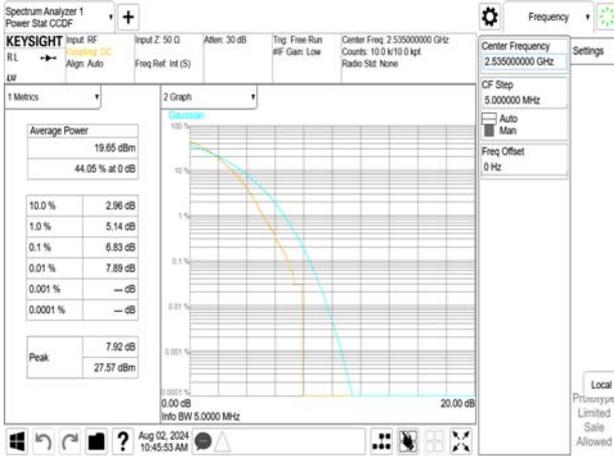
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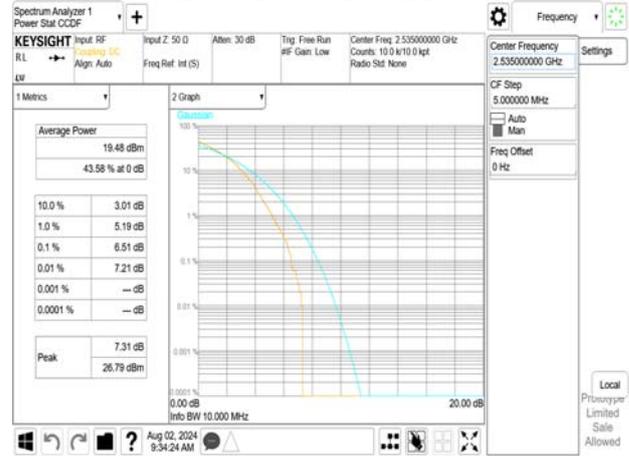
Band7\_10MHz\_256QAM\_RB50\_0\_CH20800



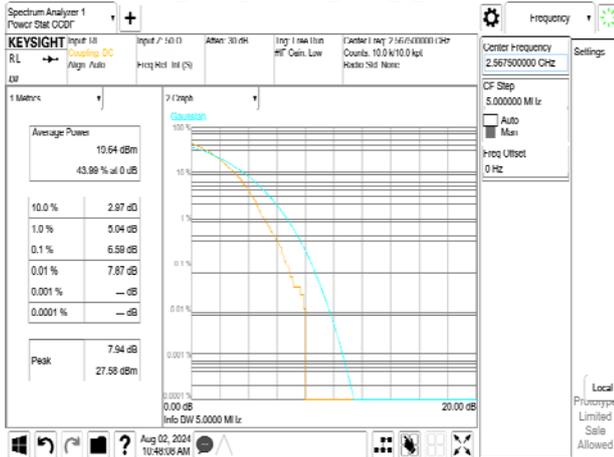
Band7\_5MHz\_256QAM\_RB25\_0\_CH21100



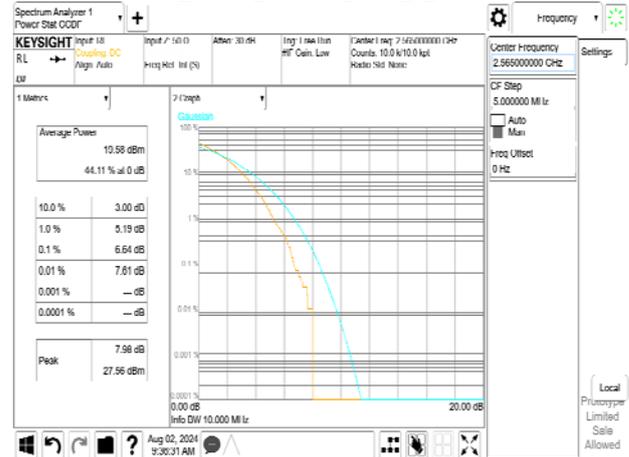
Band7\_10MHz\_256QAM\_RB50\_0\_CH21100



Band7\_5MHz\_256QAM\_RB25\_0\_CH21425



Band7\_10MHz\_256QAM\_RB50\_0\_CH21400

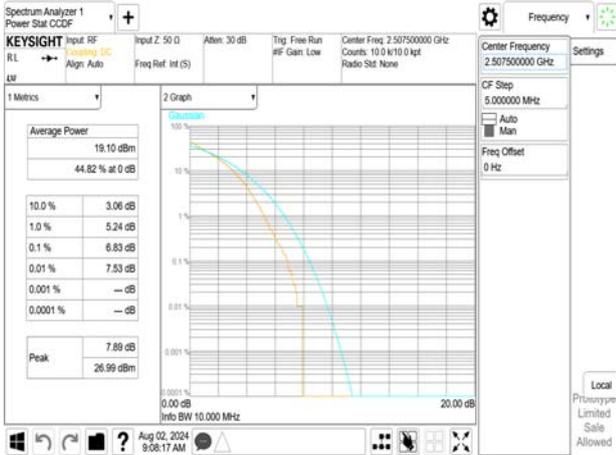


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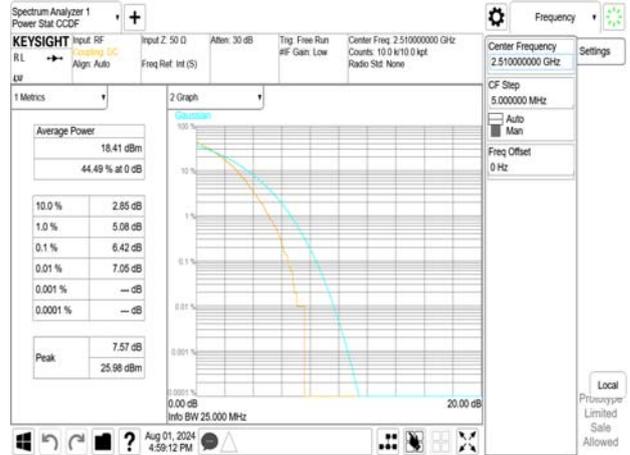
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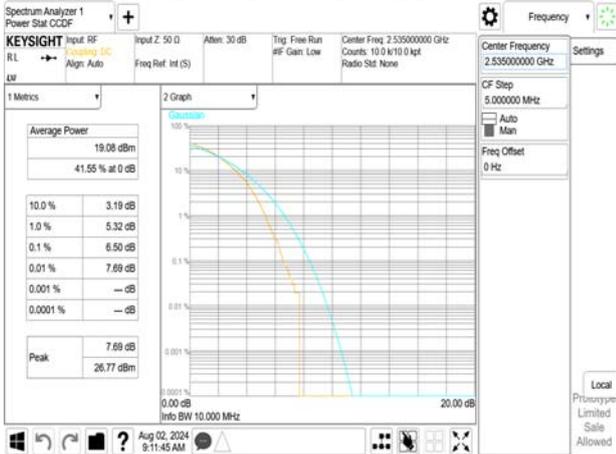
Band7\_15MHz\_256QAM\_RB75\_0\_CH20825



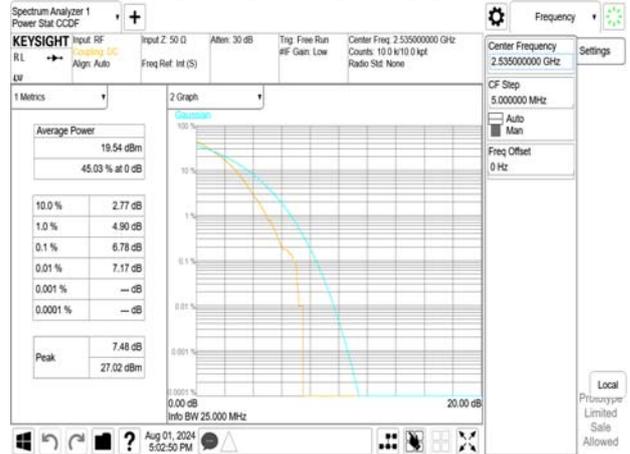
Band7\_20MHz\_256QAM\_RB100\_0\_CH20850



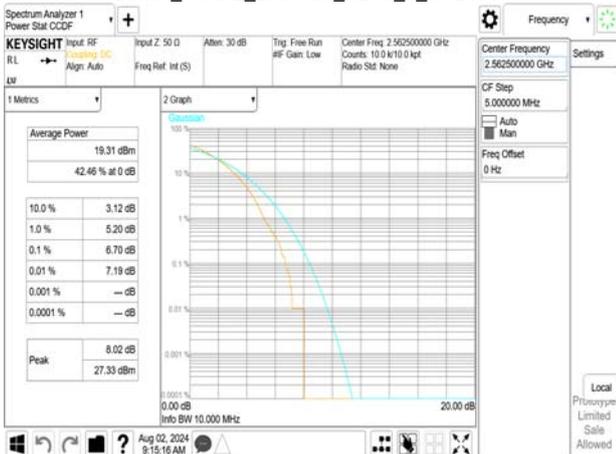
Band7\_15MHz\_256QAM\_RB75\_0\_CH21100



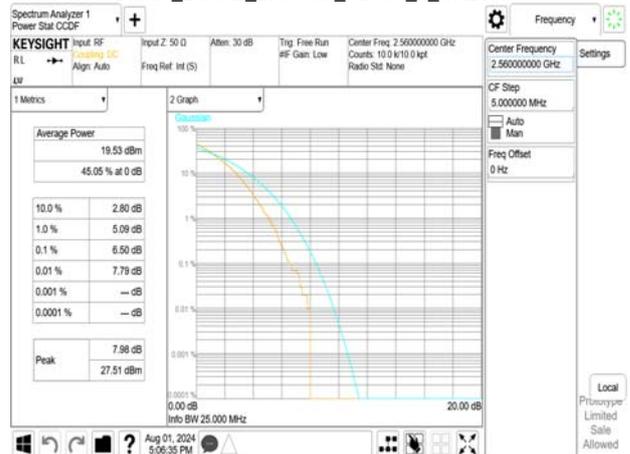
Band7\_20MHz\_256QAM\_RB100\_0\_CH21100



Band7\_15MHz\_256QAM\_RB75\_0\_CH21375



Band7\_20MHz\_256QAM\_RB100\_0\_CH21350

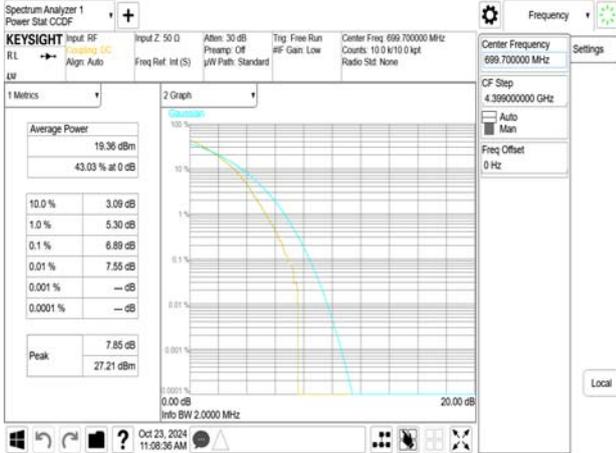


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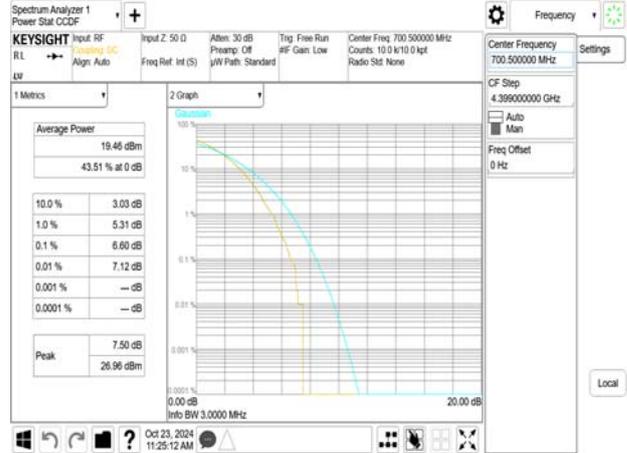
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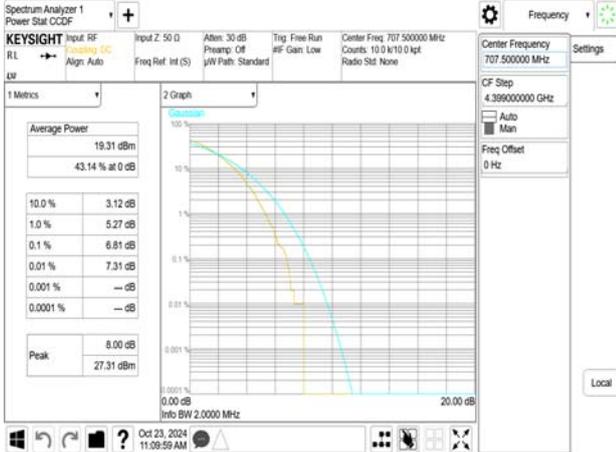
Band12\_1.4MHz\_256QAM\_RB6\_0\_CH23017



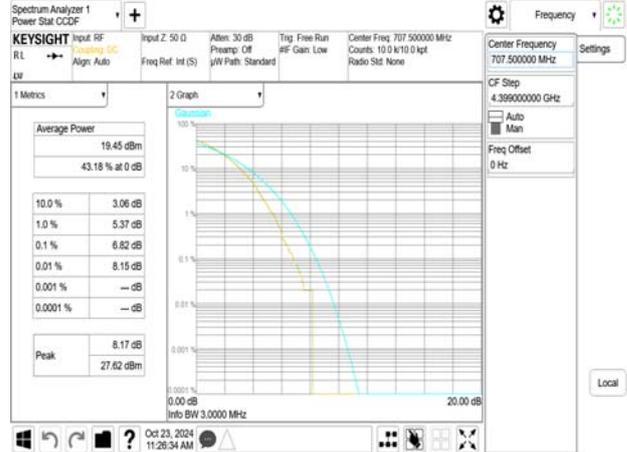
Band12\_3MHz\_256QAM\_RB15\_0\_CH23025



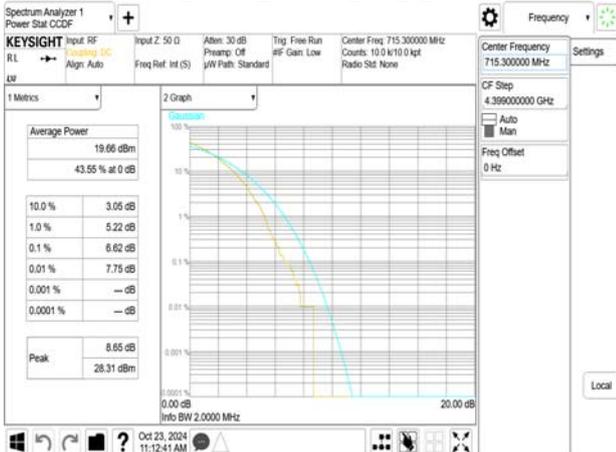
Band12\_1.4MHz\_256QAM\_RB6\_0\_CH23095



Band12\_3MHz\_256QAM\_RB15\_0\_CH23095



Band12\_1.4MHz\_256QAM\_RB6\_0\_CH23173



Band12\_3MHz\_256QAM\_RB15\_0\_CH23165

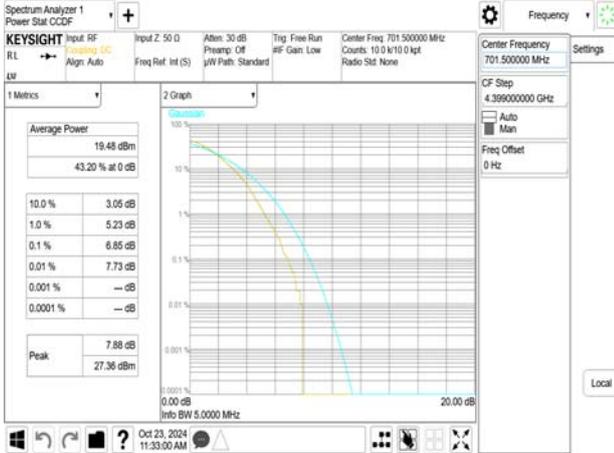


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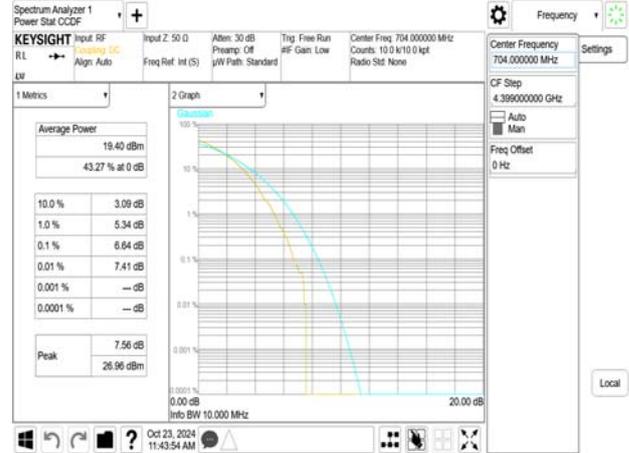
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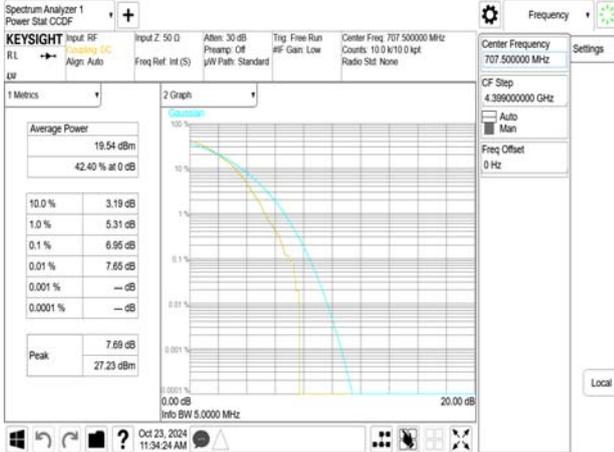
Band12\_5MHz\_256QAM\_RB25\_0\_CH23035



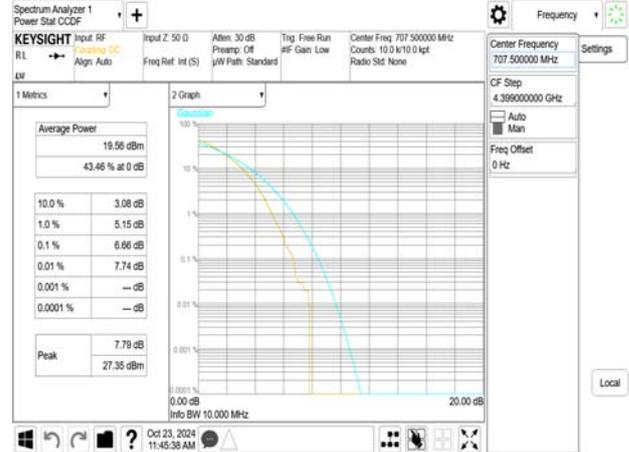
Band12\_10MHz\_256QAM\_RB50\_0\_CH23060



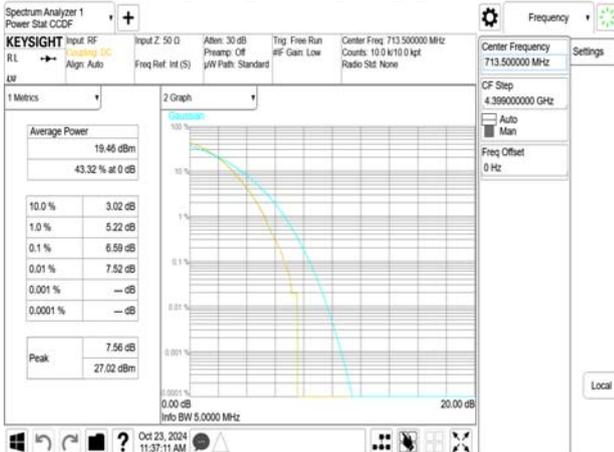
Band12\_5MHz\_256QAM\_RB25\_0\_CH23095



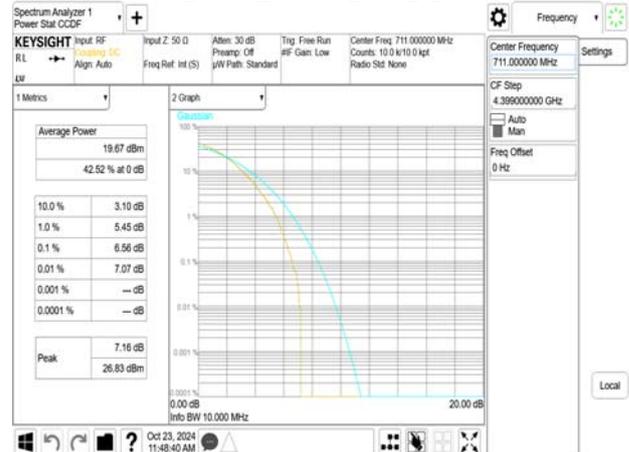
Band12\_10MHz\_256QAM\_RB50\_0\_CH23095



Band12\_5MHz\_256QAM\_RB25\_0\_CH23155



Band12\_10MHz\_256QAM\_RB50\_0\_CH23130

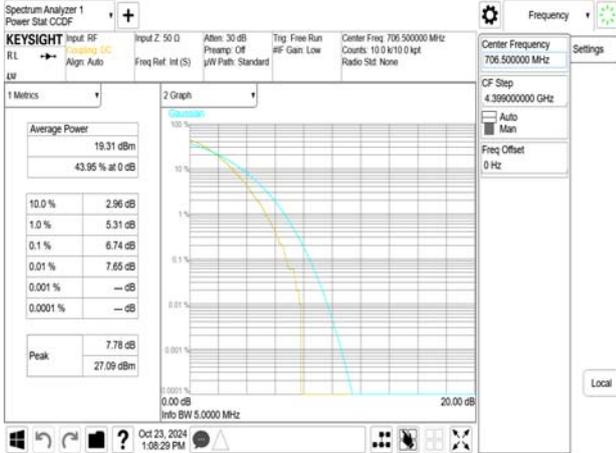


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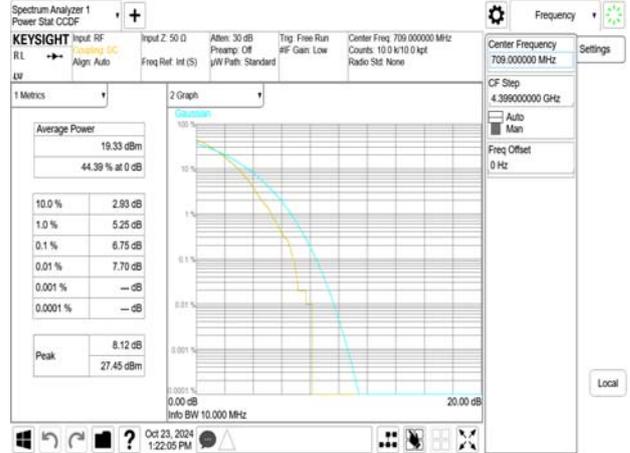
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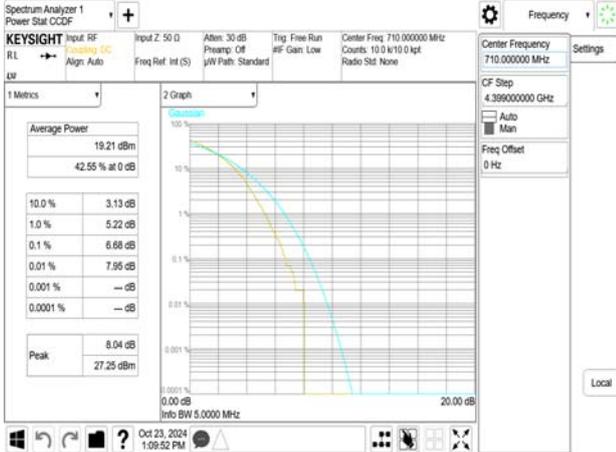
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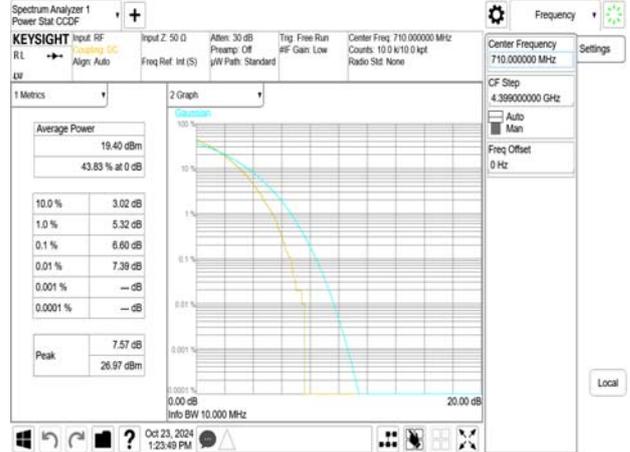
Band17\_10MHz\_256QAM\_RB50\_0\_CH23780



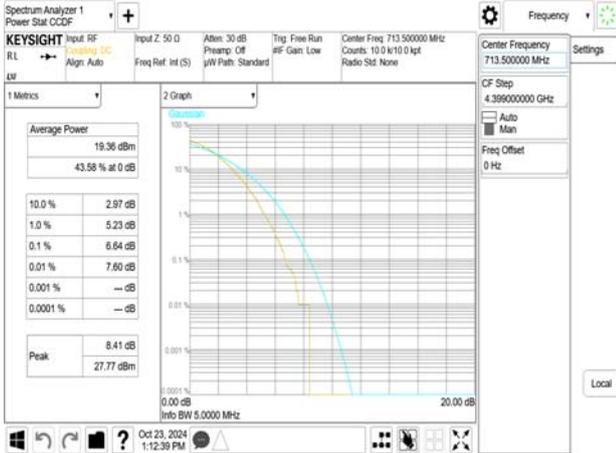
Band17\_5MHz\_256QAM\_RB25\_0\_CH23790



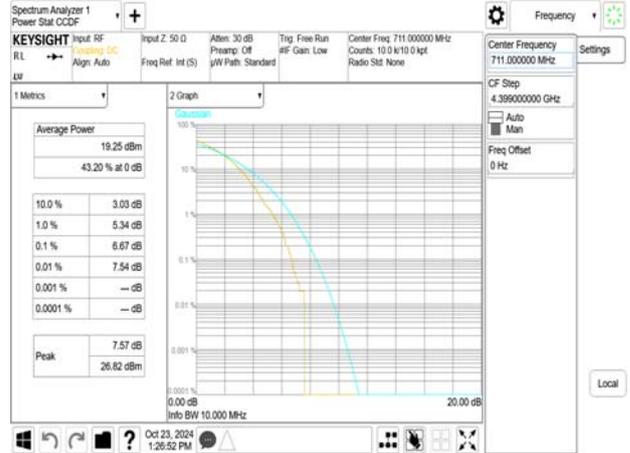
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Band17\_5MHz\_256QAM\_RB25\_0\_CH23825



Band17\_10MHz\_256QAM\_RB50\_0\_CH23800

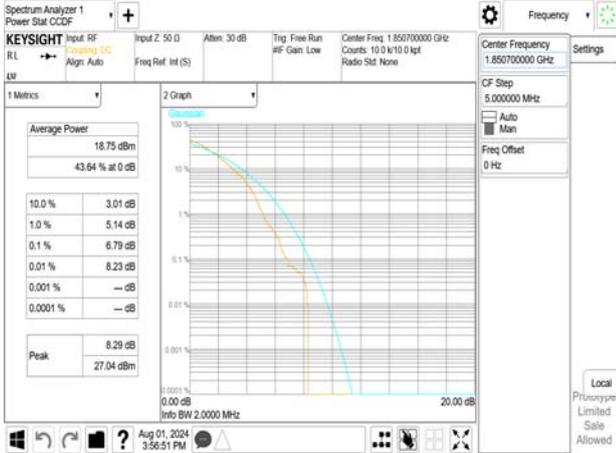


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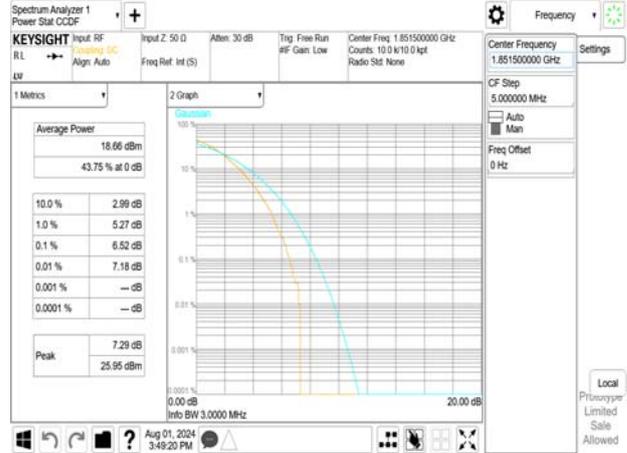
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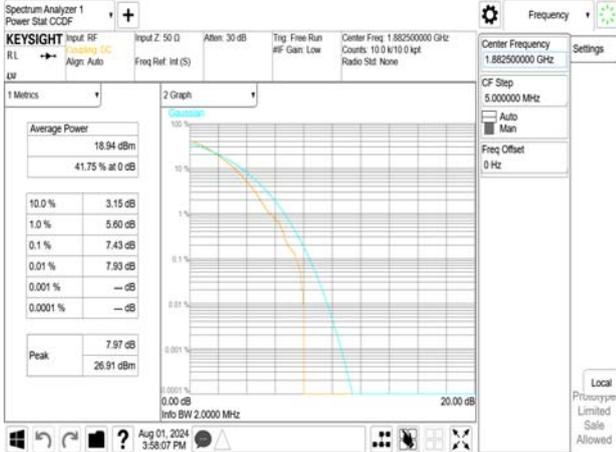
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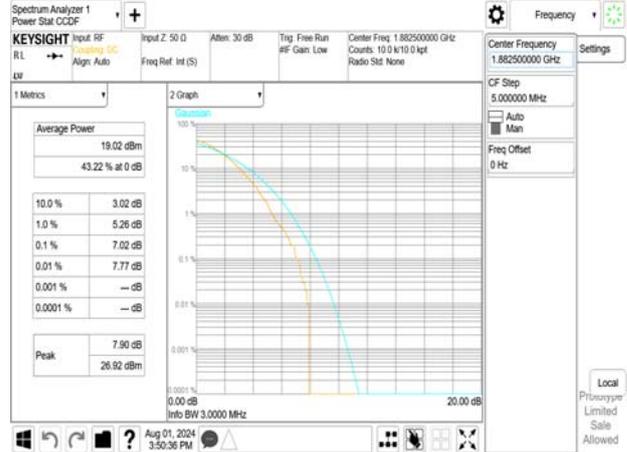
Band25\_3MHz\_256QAM\_RB15\_0\_CH26055



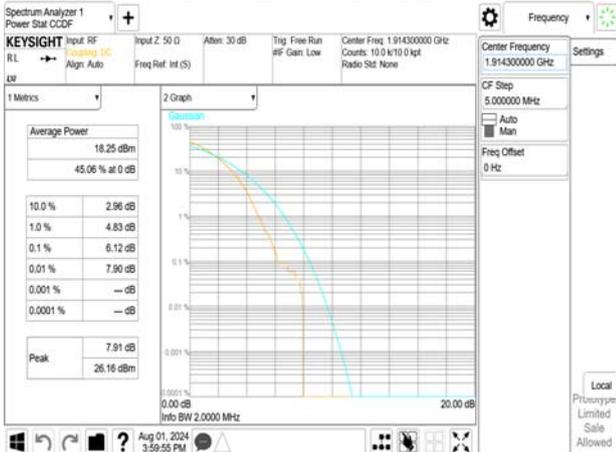
Band25\_1.4MHz\_256QAM\_RB6\_0\_CH26365



Band25\_3MHz\_256QAM\_RB15\_0\_CH26365



Band25\_1.4MHz\_256QAM\_RB6\_0\_CH26683



Band25\_3MHz\_256QAM\_RB15\_0\_CH26675



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