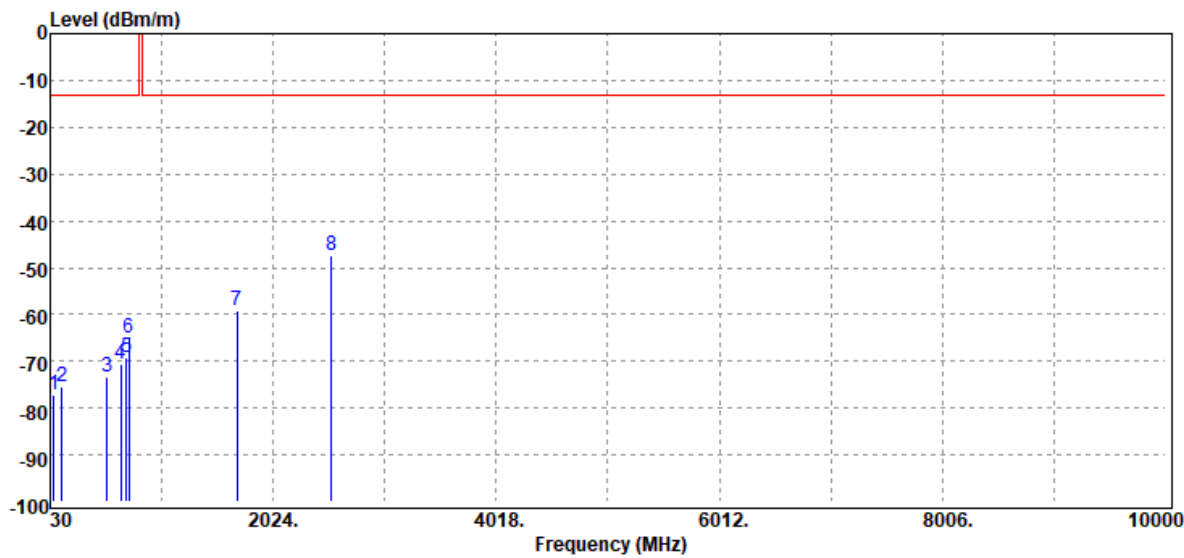


Report Number :ER/2021/20010
Operation Mode :GPRS 850
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :848.8 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-77.32	-67.27	-9.30	-0.75	-13.00	-64.32
134.76	-75.50	-72.16	-2.10	-1.24	-13.00	-62.50
539.25	-73.47	-75.53	4.40	-2.34	-13.00	-60.47
660.50	-70.71	-71.98	3.68	-2.41	-13.00	-57.71
709.00	-69.26	-69.72	3.43	-2.97	-13.00	-56.26
730.34	-65.22	-65.63	3.14	-2.73	-13.00	-52.22
1697.60	-59.34	-64.62	9.60	-4.32	-13.00	-46.34
2546.40	-47.25	-52.70	10.69	-5.24	-13.00	-34.25

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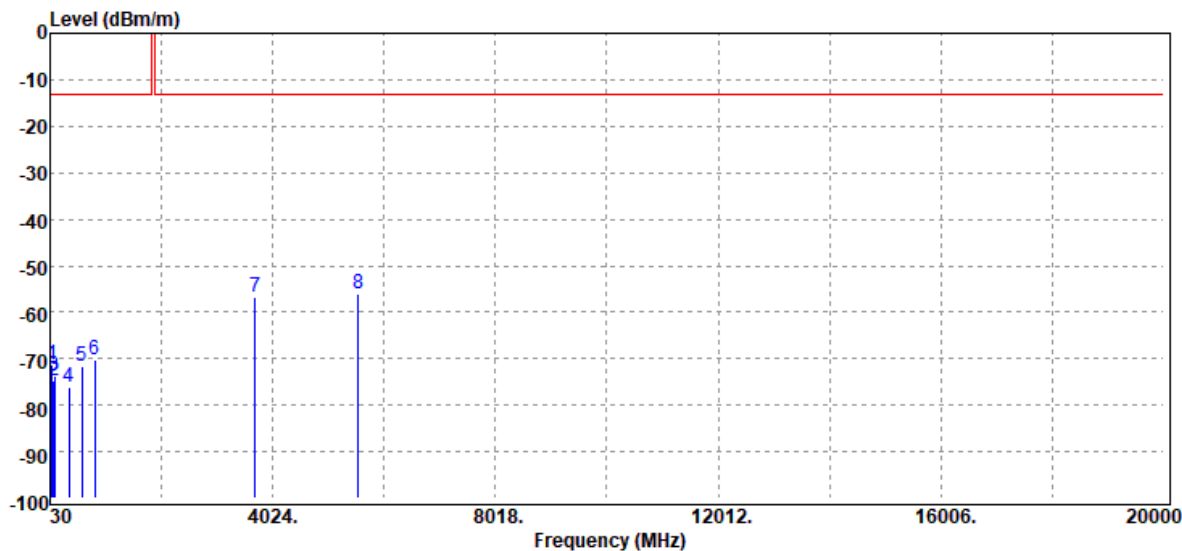
f (886-2) 2298-0488

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Report Number :ER/2021/20010
 Operation Mode :GSM 1900
 Test Mode :Tx CH Low
 EUT Pol :H Plane
 Test Frequency :1850.2 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-30
 Temp./Humi. :24.2/71
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.22	-61.17	-9.30	-0.75	-13.00	-58.22
90.14	-74.74	-73.35	-0.41	-0.98	-13.00	-61.74
102.75	-73.57	-71.46	-1.08	-1.03	-13.00	-60.57
366.59	-76.14	-78.57	4.40	-1.97	-13.00	-63.14
604.24	-71.78	-72.82	3.62	-2.58	-13.00	-58.78
835.10	-70.27	-71.89	4.61	-2.99	-13.00	-57.27
3700.40	-56.73	-61.51	12.30	-7.52	-13.00	-43.73
5550.60	-56.09	-59.41	12.90	-9.58	-13.00	-43.09

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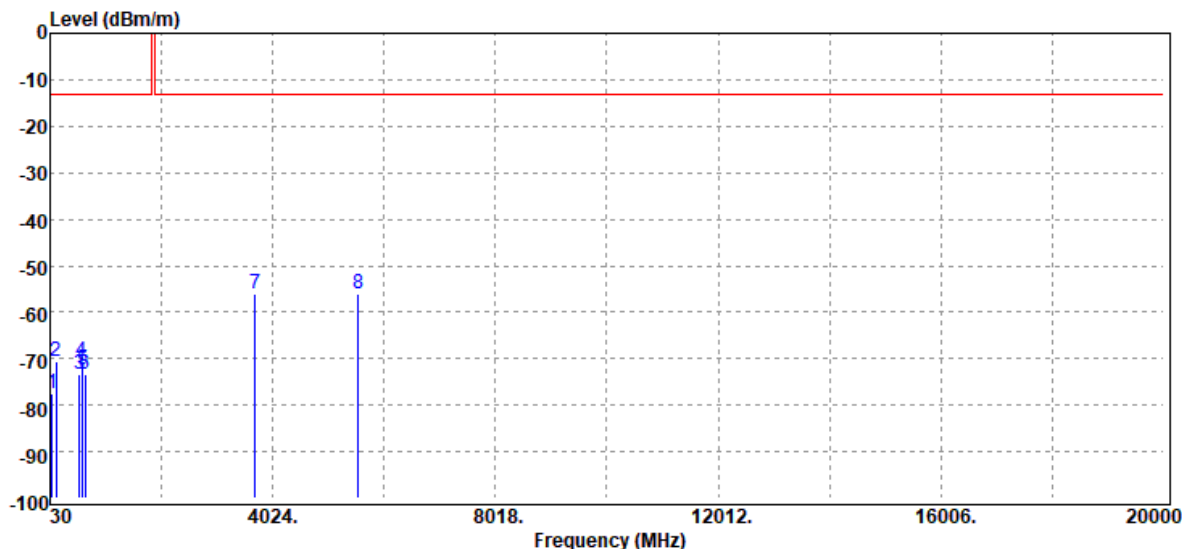
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :GSM 1900
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1850.2 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-77.34	-67.29	-9.30	-0.75	-13.00	-64.34
133.79	-70.74	-67.46	-2.05	-1.23	-13.00	-57.74
561.56	-73.22	-74.81	4.21	-2.62	-13.00	-60.22
600.36	-70.68	-71.68	3.64	-2.64	-13.00	-57.68
610.06	-72.48	-73.47	3.49	-2.50	-13.00	-59.48
663.41	-73.20	-74.27	3.72	-2.65	-13.00	-60.20
3700.40	-56.21	-60.99	12.30	-7.52	-13.00	-43.21
5550.60	-56.00	-59.32	12.90	-9.58	-13.00	-43.00

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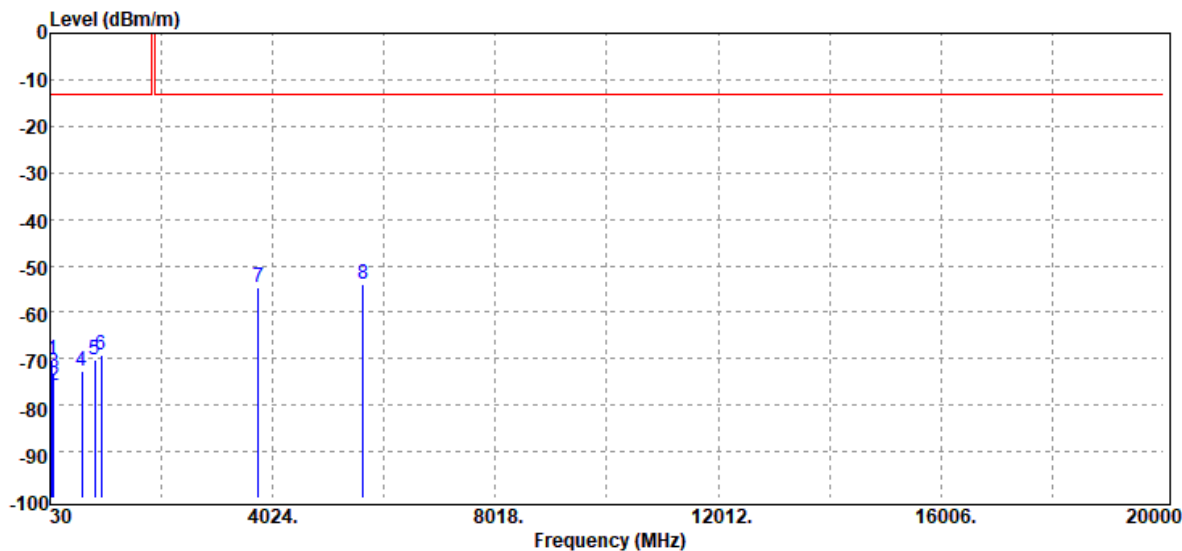
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :GSM 1900
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.23	-60.18	-9.30	-0.75	-13.00	-57.23
90.14	-75.63	-74.24	-0.41	-0.98	-13.00	-62.63
100.81	-72.89	-71.04	-0.83	-1.02	-13.00	-59.89
597.45	-72.59	-73.65	3.71	-2.65	-13.00	-59.59
832.19	-70.21	-71.86	4.58	-2.93	-13.00	-57.21
946.65	-69.26	-69.93	3.87	-3.20	-13.00	-56.26
3760.00	-54.78	-59.55	12.40	-7.63	-13.00	-41.78
5640.00	-53.81	-57.58	13.00	-9.23	-13.00	-40.81

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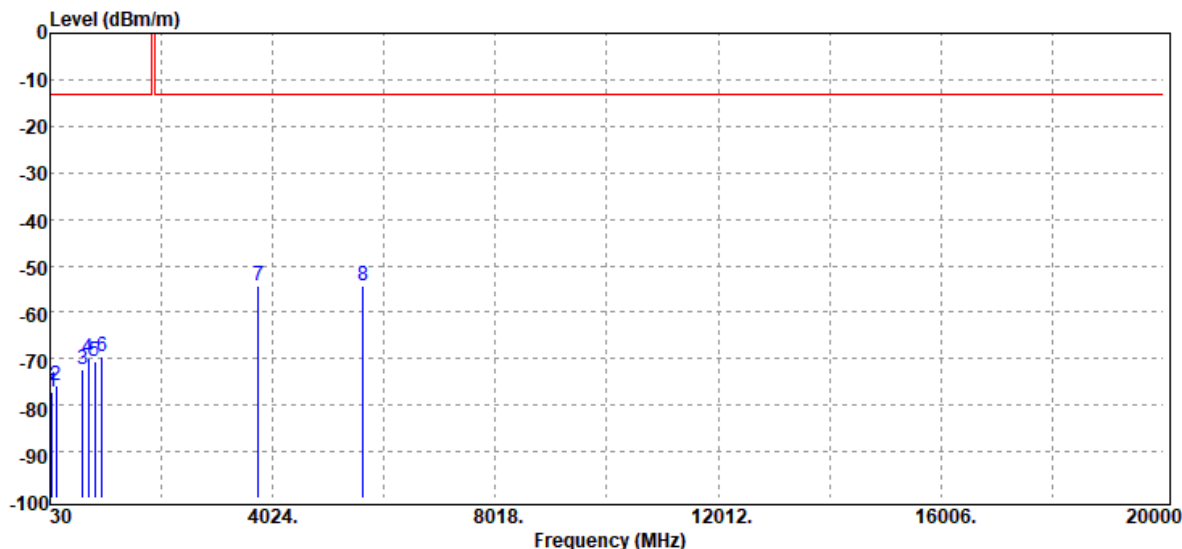
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :GSM 1900
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-77.07	-66.74	-9.60	-0.73	-13.00	-64.07
136.70	-75.93	-72.69	-1.97	-1.27	-13.00	-62.93
612.00	-72.15	-73.16	3.47	-2.46	-13.00	-59.15
715.79	-69.94	-70.65	3.48	-2.77	-13.00	-56.94
832.19	-70.45	-72.10	4.58	-2.93	-13.00	-57.45
961.20	-69.47	-70.32	3.74	-2.89	-13.00	-56.47
3760.00	-54.32	-59.09	12.40	-7.63	-13.00	-41.32
5640.00	-54.25	-58.02	13.00	-9.23	-13.00	-41.25

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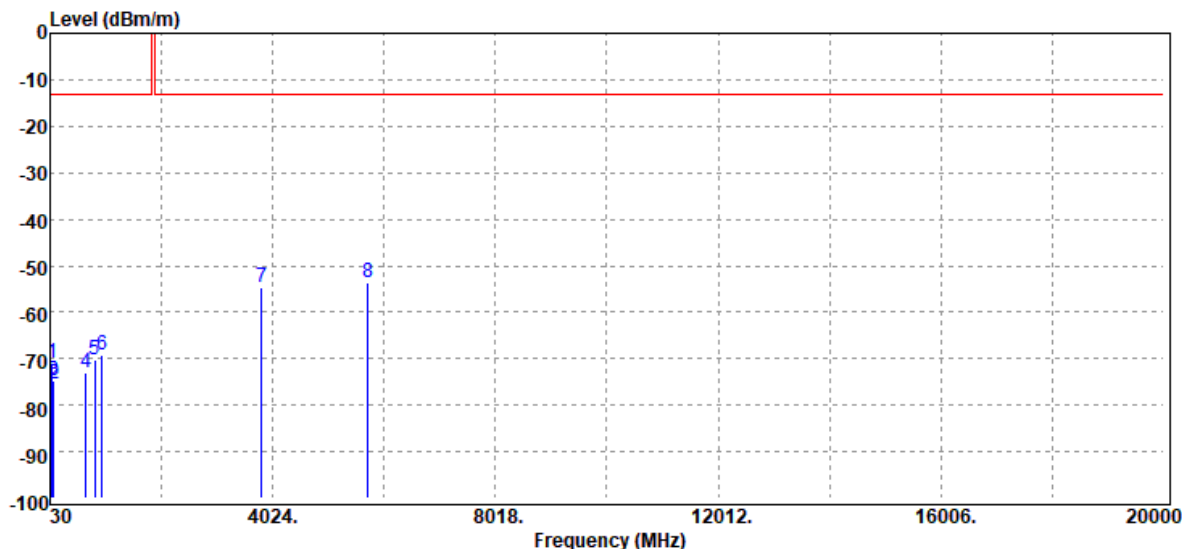
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Report Number :ER/2021/20010
Operation Mode :GSM 1900
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1909.8 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.85	-60.80	-9.30	-0.75	-13.00	-57.85
90.14	-75.55	-74.16	-0.41	-0.98	-13.00	-62.55
99.84	-74.70	-72.90	-0.79	-1.01	-13.00	-61.70
676.99	-72.94	-73.84	3.85	-2.95	-13.00	-59.94
830.25	-70.09	-71.76	4.56	-2.89	-13.00	-57.09
963.14	-69.35	-70.21	3.75	-2.89	-13.00	-56.35
3819.60	-54.51	-59.23	12.36	-7.64	-13.00	-41.51
5729.40	-53.55	-57.32	12.80	-9.03	-13.00	-40.55

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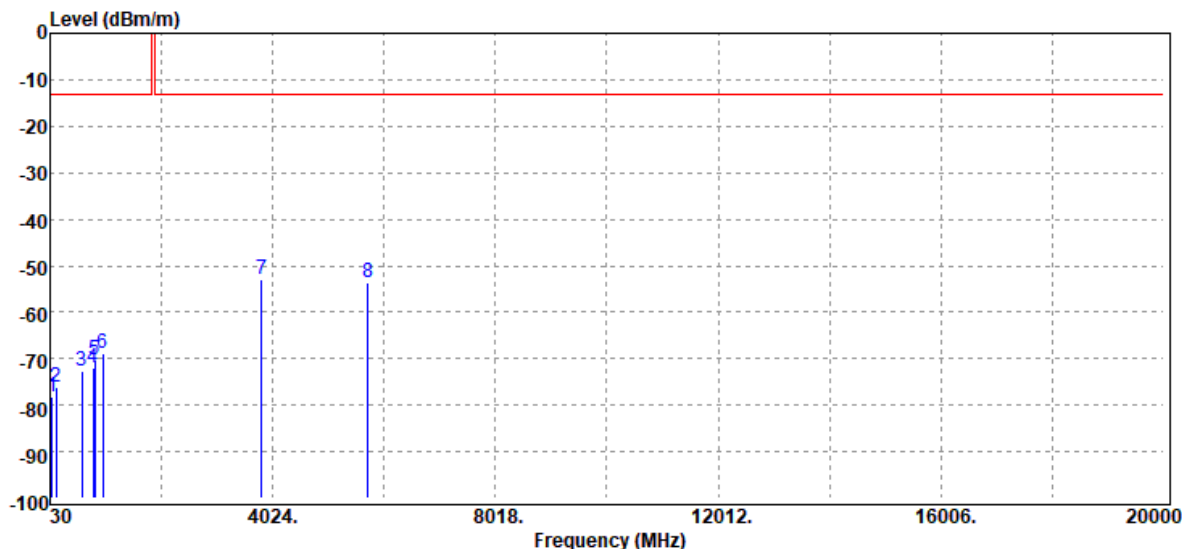
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Report Number :ER/2021/20010
Operation Mode :GSM 1900
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1909.8 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-78.07	-67.74	-9.60	-0.73	-13.00	-65.07
136.70	-76.08	-72.84	-1.97	-1.27	-13.00	-63.08
605.21	-72.55	-73.59	3.61	-2.57	-13.00	-59.55
807.94	-71.85	-73.01	4.23	-3.07	-13.00	-58.85
837.04	-70.22	-71.82	4.63	-3.03	-13.00	-57.22
977.69	-68.73	-69.56	3.83	-3.00	-13.00	-55.73
3819.60	-53.04	-57.76	12.36	-7.64	-13.00	-40.04
5729.40	-53.69	-57.46	12.80	-9.03	-13.00	-40.69

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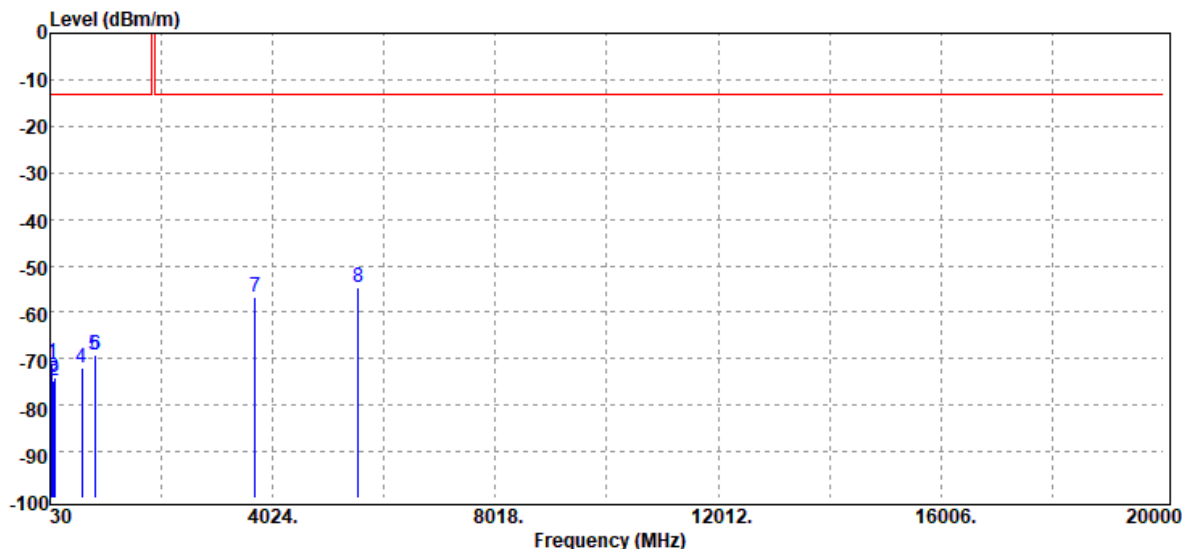
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Report Number :ER/2021/20010
Operation Mode :WCDMA B2
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1852.4 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.96	-60.91	-9.30	-0.75	-13.00	-57.96
88.20	-74.87	-73.32	-0.59	-0.96	-13.00	-61.87
102.75	-74.03	-71.92	-1.08	-1.03	-13.00	-61.03
600.36	-72.01	-73.01	3.64	-2.64	-13.00	-59.01
832.19	-69.18	-70.83	4.58	-2.93	-13.00	-56.18
842.86	-69.30	-71.09	4.70	-2.91	-13.00	-56.30
3704.80	-56.69	-61.47	12.31	-7.53	-13.00	-43.69
5557.20	-54.58	-57.94	12.91	-9.55	-13.00	-41.58

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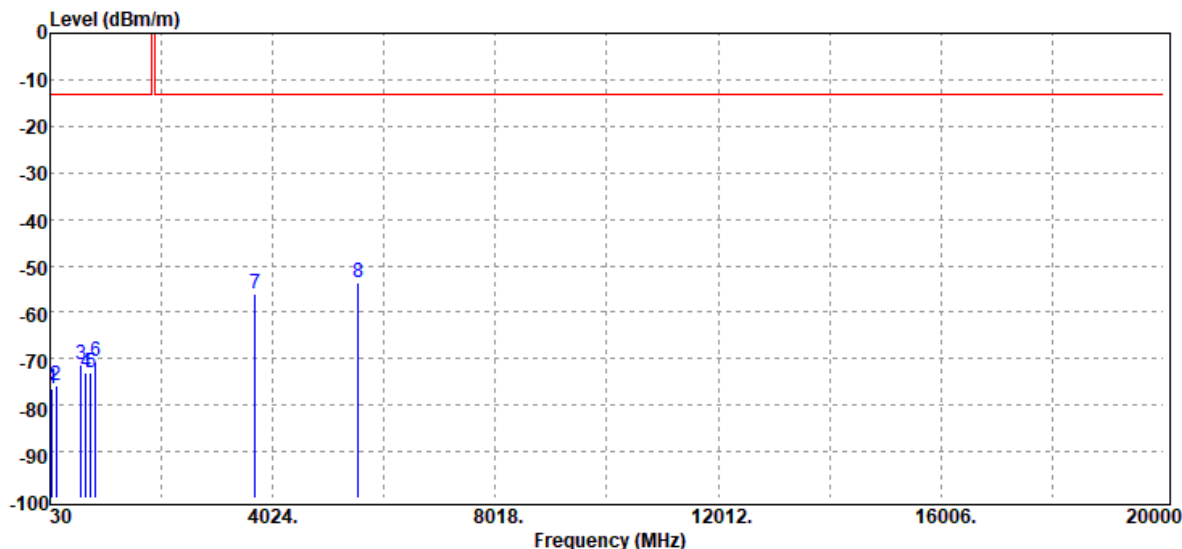
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Report Number :ER/2021/20010
Operation Mode :WCDMA B2
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1852.4 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-76.63	-66.58	-9.30	-0.75	-13.00	-63.63
131.85	-75.89	-72.60	-2.09	-1.20	-13.00	-62.89
592.60	-71.14	-72.27	3.78	-2.65	-13.00	-58.14
668.26	-73.00	-73.66	3.71	-3.05	-13.00	-60.00
759.44	-72.99	-73.52	2.99	-2.46	-13.00	-59.99
847.71	-70.48	-72.57	4.69	-2.60	-13.00	-57.48
3704.80	-56.08	-60.86	12.31	-7.53	-13.00	-43.08
5557.20	-53.79	-57.15	12.91	-9.55	-13.00	-40.79

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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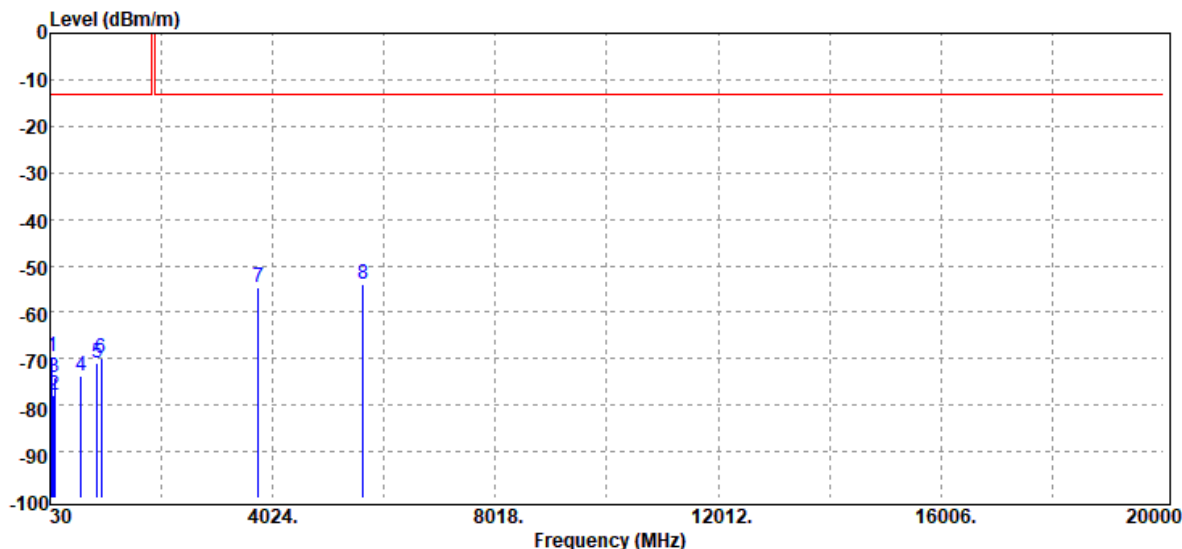
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :WCDMA B2
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-69.56	-59.51	-9.30	-0.75	-13.00	-56.56
88.20	-77.92	-76.37	-0.59	-0.96	-13.00	-64.92
102.75	-74.07	-71.96	-1.08	-1.03	-13.00	-61.07
584.84	-73.62	-74.77	3.83	-2.68	-13.00	-60.62
881.66	-71.03	-72.35	4.49	-3.17	-13.00	-58.03
944.71	-69.77	-70.43	3.89	-3.23	-13.00	-56.77
3760.00	-54.70	-59.47	12.40	-7.63	-13.00	-41.70
5640.00	-53.90	-57.67	13.00	-9.23	-13.00	-40.90

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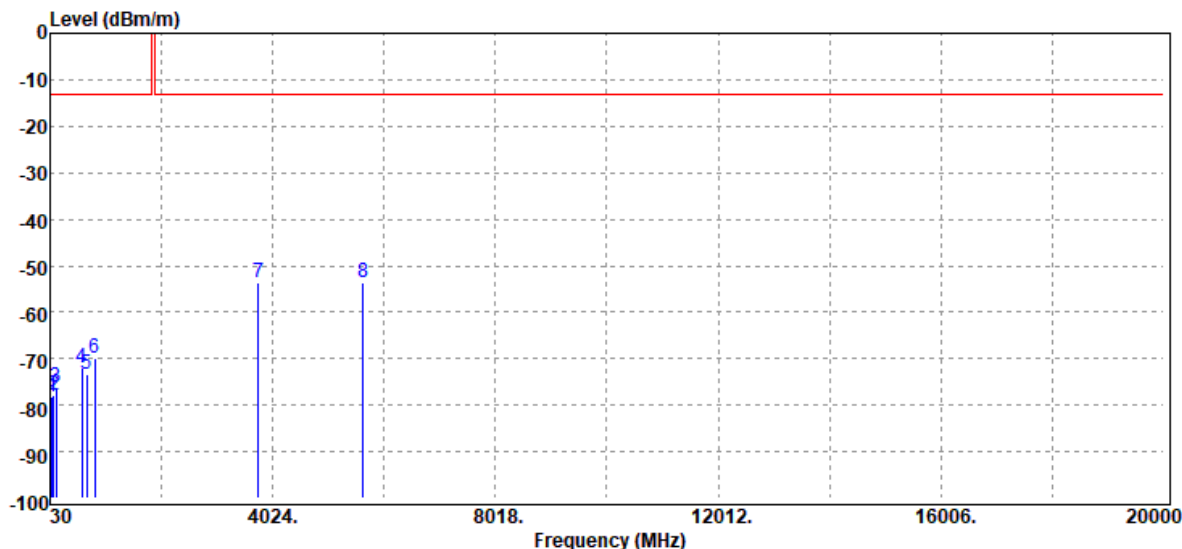
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :WCDMA B2
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-78.21	-67.88	-9.60	-0.73	-13.00	-65.21
99.84	-77.79	-75.99	-0.79	-1.01	-13.00	-64.79
134.76	-75.97	-72.63	-2.10	-1.24	-13.00	-62.97
596.48	-71.95	-73.03	3.73	-2.65	-13.00	-58.95
688.63	-73.23	-73.99	3.77	-3.01	-13.00	-60.23
833.16	-69.75	-71.39	4.59	-2.95	-13.00	-56.75
3760.00	-53.59	-58.36	12.40	-7.63	-13.00	-40.59
5640.00	-53.56	-57.33	13.00	-9.23	-13.00	-40.56

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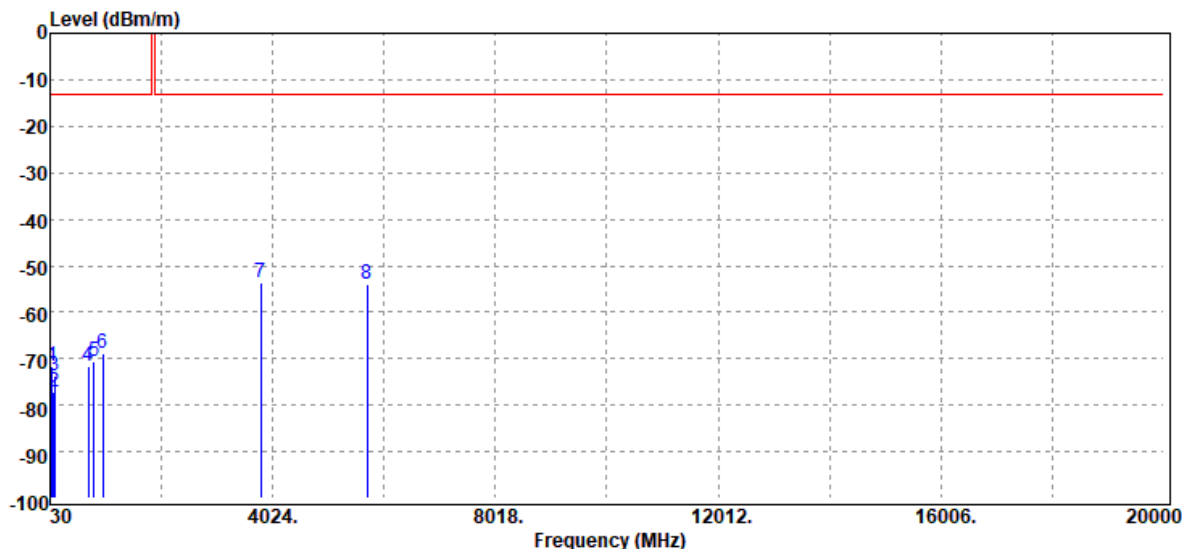
f (886-2) 2298-0488

www.tw.sgs.com

Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :WCDMA B2
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1907.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.78	-61.73	-9.30	-0.75	-13.00	-58.78
88.20	-77.23	-75.68	-0.59	-0.96	-13.00	-64.23
102.75	-73.82	-71.71	-1.08	-1.03	-13.00	-60.82
720.64	-71.72	-72.58	3.48	-2.62	-13.00	-58.72
822.49	-70.47	-71.73	4.33	-3.07	-13.00	-57.47
983.51	-68.73	-69.54	3.91	-3.10	-13.00	-55.73
3815.20	-53.74	-58.45	12.37	-7.66	-13.00	-40.74
5722.80	-53.88	-57.63	12.80	-9.05	-13.00	-40.88

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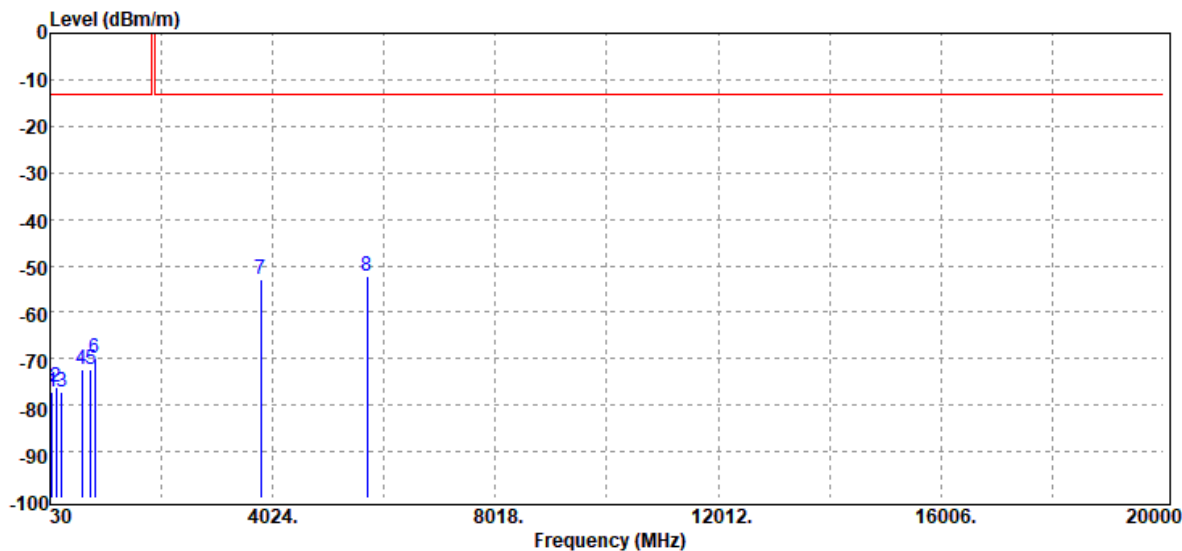
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :WCDMA B2
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1907.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-77.00	-66.67	-9.60	-0.73	-13.00	-64.00
134.76	-76.22	-72.88	-2.10	-1.24	-13.00	-63.22
240.49	-77.10	-79.87	4.38	-1.61	-13.00	-64.10
602.30	-72.26	-73.28	3.63	-2.61	-13.00	-59.26
755.56	-72.37	-72.85	2.95	-2.47	-13.00	-59.37
837.04	-69.98	-71.58	4.63	-3.03	-13.00	-56.98
3815.20	-53.09	-57.80	12.37	-7.66	-13.00	-40.09
5722.80	-52.34	-56.09	12.80	-9.05	-13.00	-39.34

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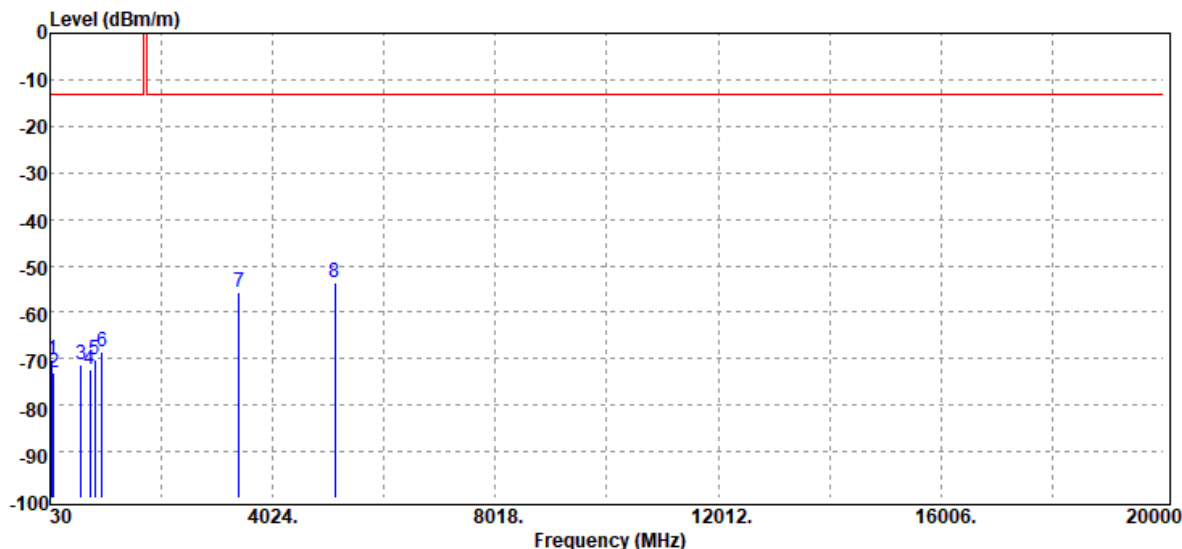
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
 Operation Mode :WCDMA B4
 Test Mode :Tx CH Low
 EUT Pol :H Plane
 Test Frequency :1712.4 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-30
 Temp./Humi. :24.2/71
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.26	-60.21	-9.30	-0.75	-13.00	-57.26
100.81	-73.12	-71.27	-0.83	-1.02	-13.00	-60.12
592.60	-71.27	-72.40	3.78	-2.65	-13.00	-58.27
745.86	-72.45	-72.83	2.83	-2.45	-13.00	-59.45
833.16	-70.25	-71.89	4.59	-2.95	-13.00	-57.25
964.11	-68.59	-69.47	3.76	-2.88	-13.00	-55.59
3424.80	-55.60	-62.30	12.55	-5.85	-13.00	-42.60
5137.20	-53.51	-57.66	12.10	-7.95	-13.00	-40.51

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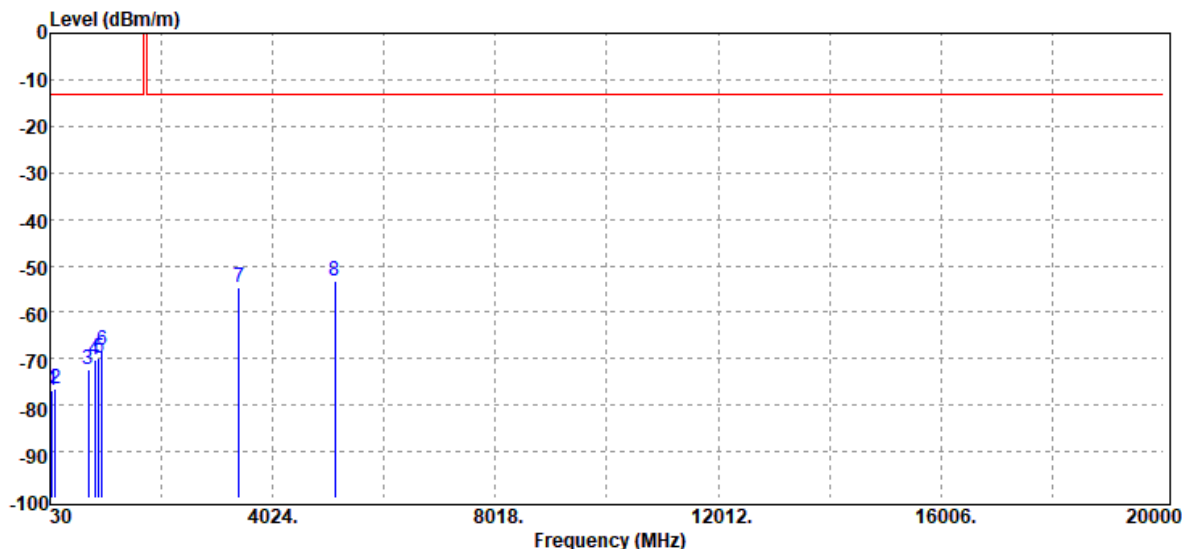
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Report Number :ER/2021/20010
 Operation Mode :WCDMA B4
 Test Mode :Tx CH Low
 EUT Pol :H Plane
 Test Frequency :1712.4 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-30
 Temp./Humi. :24.2/71
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-76.90	-66.85	-9.30	-0.75	-13.00	-63.90
126.03	-76.56	-73.59	-1.82	-1.15	-13.00	-63.56
718.70	-72.47	-73.32	3.51	-2.66	-13.00	-59.47
835.10	-70.09	-71.71	4.61	-2.99	-13.00	-57.09
905.91	-69.86	-70.72	4.19	-3.33	-13.00	-56.86
959.26	-68.27	-69.08	3.73	-2.92	-13.00	-55.27
3424.80	-54.83	-61.53	12.55	-5.85	-13.00	-41.83
5137.20	-53.30	-57.45	12.10	-7.95	-13.00	-40.30

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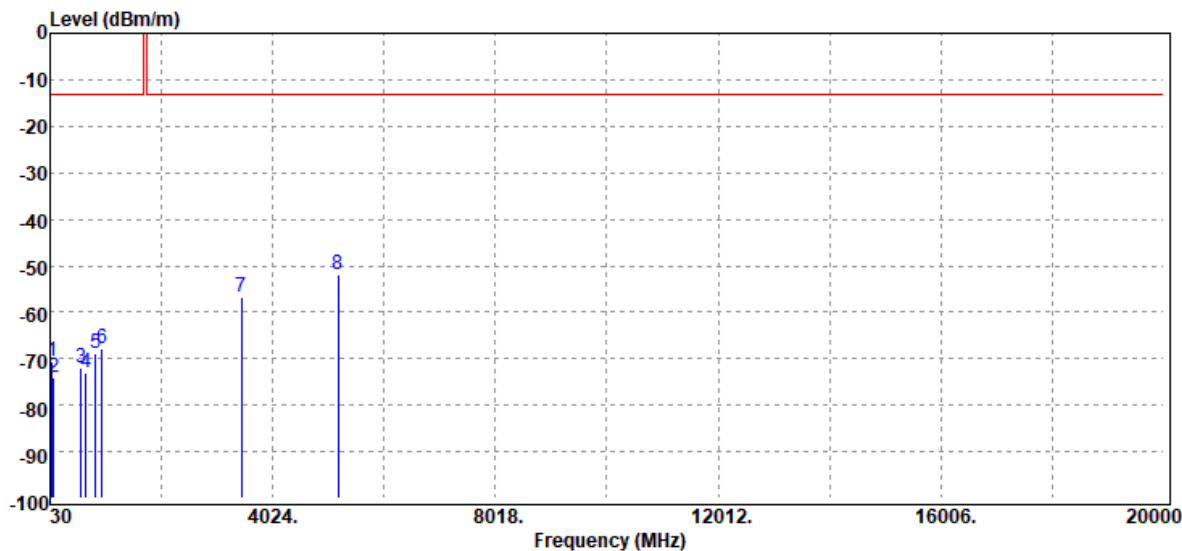
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :WCDMA B4
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1732.4 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.48	-60.43	-9.30	-0.75	-13.00	-57.48
100.81	-74.12	-72.27	-0.83	-1.02	-13.00	-61.12
584.84	-71.98	-73.13	3.83	-2.68	-13.00	-58.98
675.05	-72.92	-73.78	3.87	-3.01	-13.00	-59.92
841.89	-68.93	-70.65	4.69	-2.97	-13.00	-55.93
967.99	-67.75	-68.68	3.80	-2.87	-13.00	-54.75
3464.80	-56.78	-63.15	12.47	-6.10	-13.00	-43.78
5197.20	-52.03	-56.53	12.38	-7.88	-13.00	-39.03

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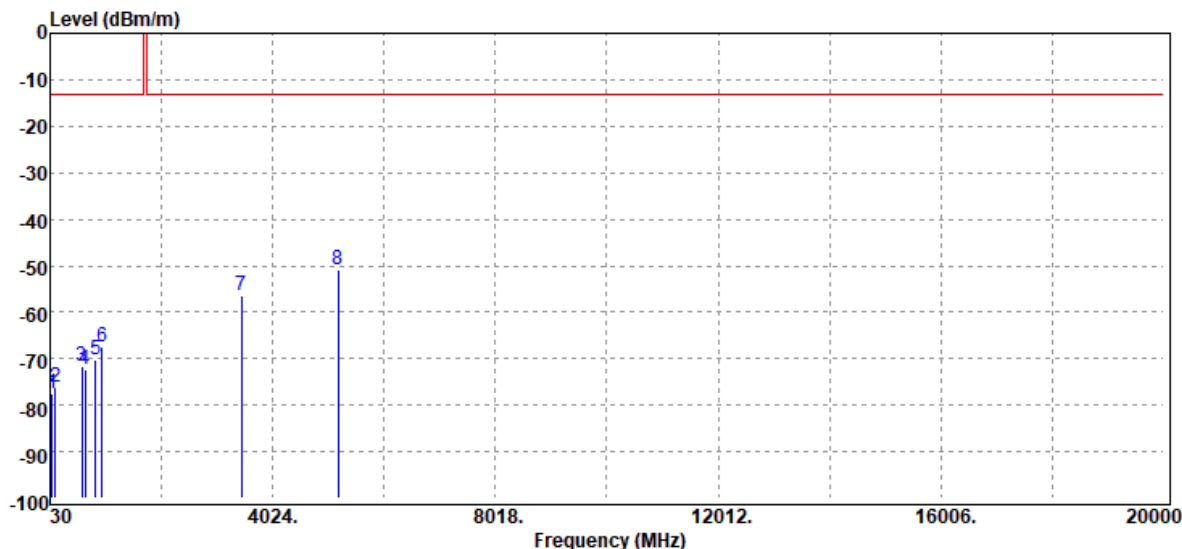
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Report Number :ER/2021/20010
Operation Mode :WCDMA B4
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1732.4 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-77.40	-67.35	-9.30	-0.75	-13.00	-64.40
129.91	-76.14	-72.84	-2.13	-1.17	-13.00	-63.14
595.51	-71.68	-72.79	3.76	-2.65	-13.00	-58.68
657.59	-72.48	-73.73	3.64	-2.39	-13.00	-59.48
849.65	-70.17	-72.36	4.67	-2.48	-13.00	-57.17
966.05	-67.43	-68.34	3.78	-2.87	-13.00	-54.43
3464.80	-56.43	-62.80	12.47	-6.10	-13.00	-43.43
5197.20	-50.79	-55.29	12.38	-7.88	-13.00	-37.79

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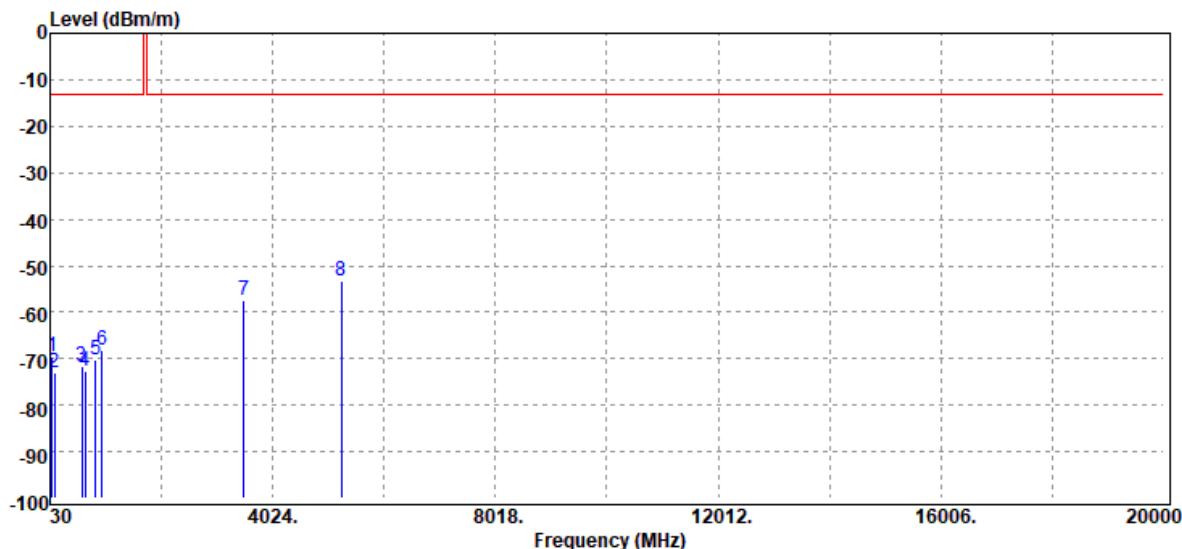
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :WCDMA B4
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1752.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-69.45	-59.40	-9.30	-0.75	-13.00	-56.45
102.75	-73.14	-71.03	-1.08	-1.03	-13.00	-60.14
607.15	-71.78	-72.80	3.56	-2.54	-13.00	-58.78
655.65	-72.55	-73.75	3.61	-2.41	-13.00	-59.55
844.80	-70.26	-72.19	4.72	-2.79	-13.00	-57.26
958.29	-68.31	-69.11	3.74	-2.94	-13.00	-55.31
3505.20	-57.31	-63.37	12.40	-6.34	-13.00	-44.31
5257.80	-53.43	-58.20	12.83	-8.06	-13.00	-40.43

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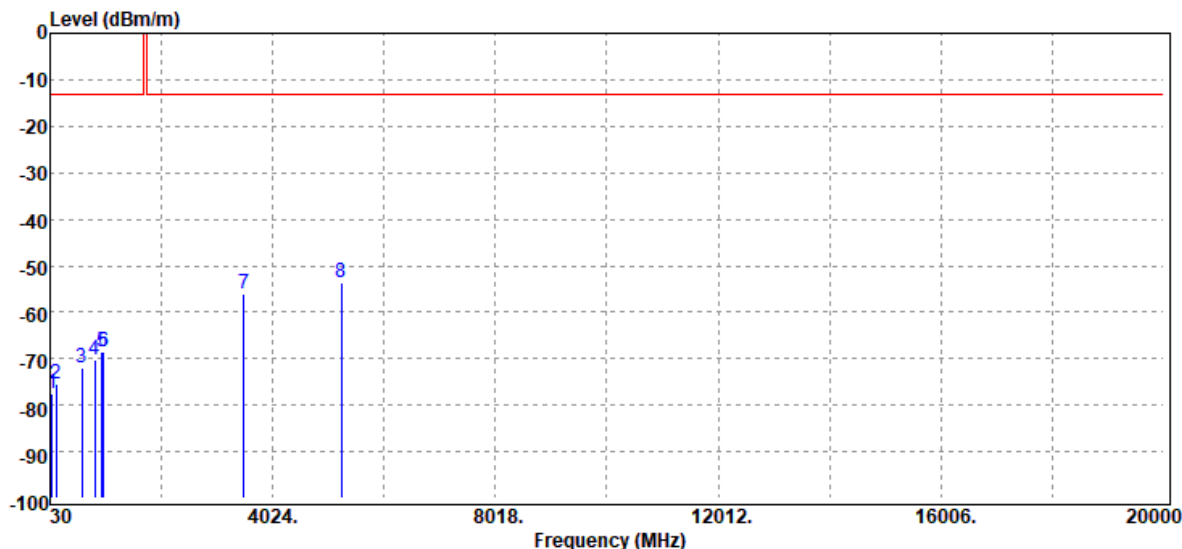
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :WCDMA B4
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1752.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-77.65	-67.60	-9.30	-0.75	-13.00	-64.65
134.76	-75.41	-72.07	-2.10	-1.24	-13.00	-62.41
604.24	-71.89	-72.93	3.62	-2.58	-13.00	-58.89
835.10	-70.20	-71.82	4.61	-2.99	-13.00	-57.20
961.20	-68.59	-69.44	3.74	-2.89	-13.00	-55.59
987.39	-68.43	-69.22	3.97	-3.18	-13.00	-55.43
3505.20	-55.88	-61.94	12.40	-6.34	-13.00	-42.88
5257.80	-53.48	-58.25	12.83	-8.06	-13.00	-40.48

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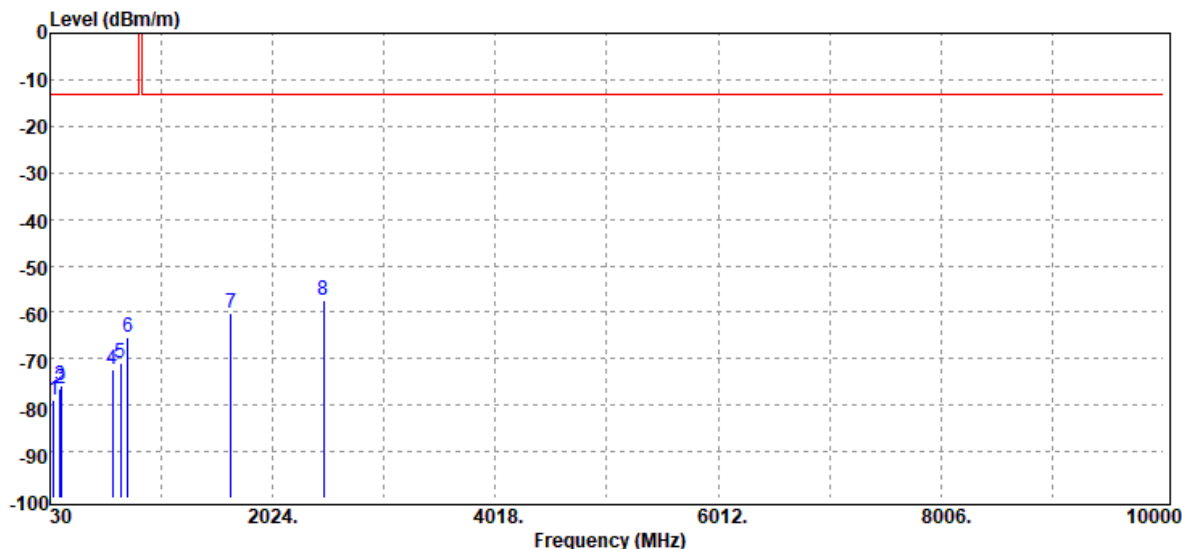
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :WCDMA B5
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :826.4 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-78.94	-68.89	-9.30	-0.75	-13.00	-65.94
117.30	-76.53	-73.69	-1.73	-1.11	-13.00	-63.53
129.91	-75.64	-72.34	-2.13	-1.17	-13.00	-62.64
592.60	-72.25	-73.38	3.78	-2.65	-13.00	-59.25
660.50	-70.89	-72.16	3.68	-2.41	-13.00	-57.89
728.40	-65.25	-65.69	3.16	-2.72	-13.00	-52.25
1652.80	-60.24	-65.49	9.51	-4.26	-13.00	-47.24
2479.20	-57.59	-62.98	10.56	-5.17	-13.00	-44.59

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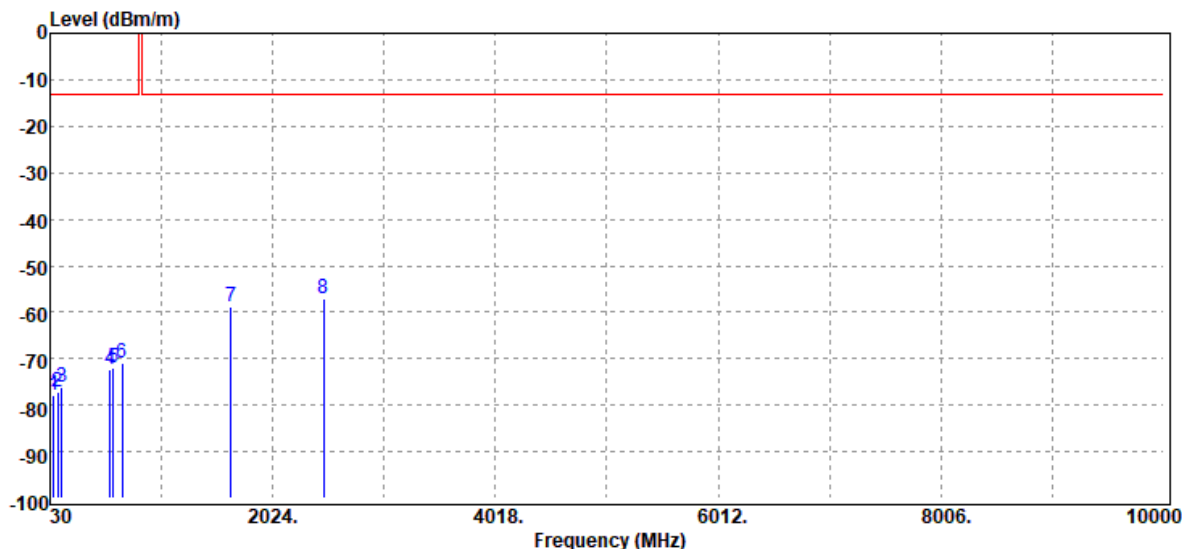
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :WCDMA B5
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :826.4 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-77.70	-67.65	-9.30	-0.75	-13.00	-64.70
99.84	-77.26	-75.46	-0.79	-1.01	-13.00	-64.26
134.76	-76.09	-72.75	-2.10	-1.24	-13.00	-63.09
570.29	-72.29	-73.76	4.09	-2.62	-13.00	-59.29
599.39	-71.98	-73.00	3.66	-2.64	-13.00	-58.98
673.11	-70.89	-71.61	3.80	-3.08	-13.00	-57.89
1652.80	-58.96	-64.21	9.51	-4.26	-13.00	-45.96
2479.20	-57.16	-62.55	10.56	-5.17	-13.00	-44.16

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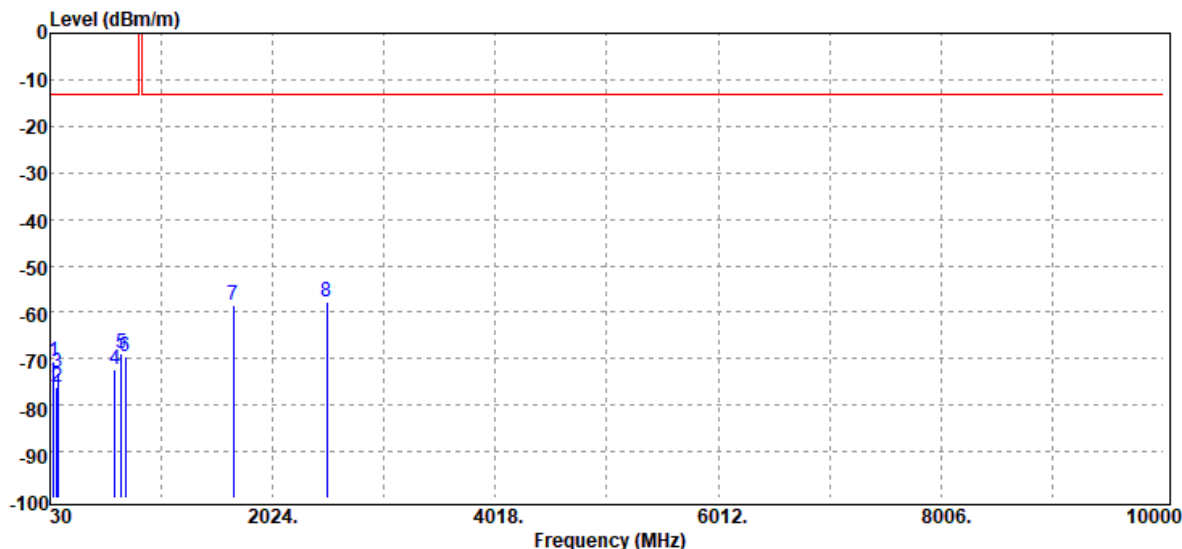
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Report Number :ER/2021/20010
Operation Mode :WCDMA B5
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :836.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.65	-60.60	-9.30	-0.75	-13.00	-57.65
90.14	-76.00	-74.61	-0.41	-0.98	-13.00	-63.00
100.81	-72.97	-71.12	-0.83	-1.02	-13.00	-59.97
613.94	-72.33	-73.37	3.46	-2.42	-13.00	-59.33
665.35	-69.00	-69.92	3.73	-2.81	-13.00	-56.00
704.15	-69.55	-70.26	3.55	-2.84	-13.00	-56.55
1673.20	-58.54	-63.80	9.55	-4.29	-13.00	-45.54
2509.80	-57.84	-63.26	10.62	-5.20	-13.00	-44.84

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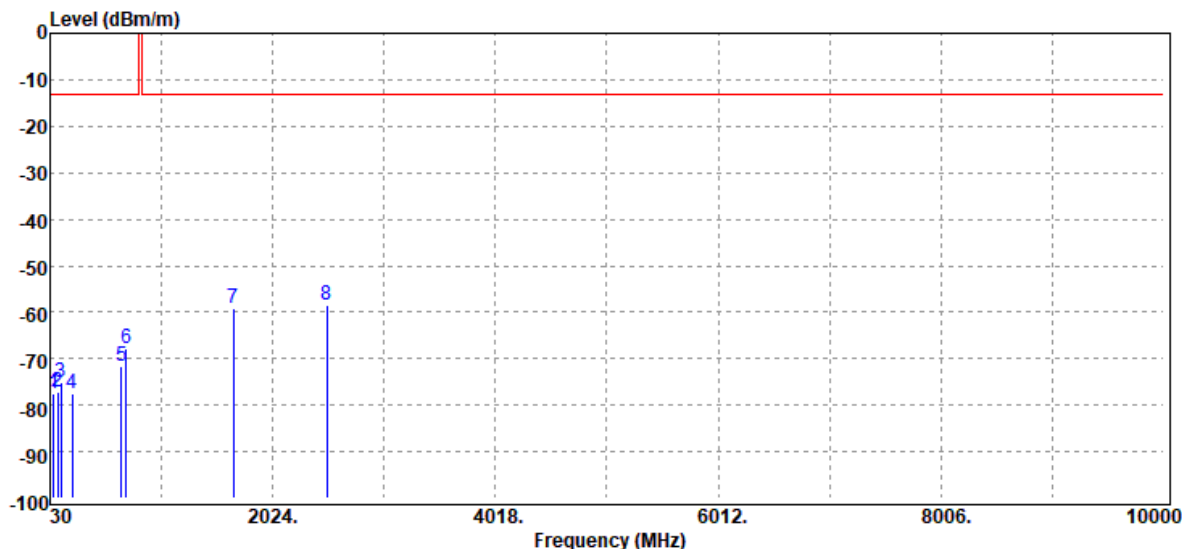
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Report Number :ER/2021/20010
Operation Mode :WCDMA B5
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :836.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-77.67	-67.62	-9.30	-0.75	-13.00	-64.67
99.84	-77.03	-75.23	-0.79	-1.01	-13.00	-64.03
129.91	-75.00	-71.70	-2.13	-1.17	-13.00	-62.00
230.79	-77.53	-80.70	4.76	-1.59	-13.00	-64.53
668.26	-71.77	-72.43	3.71	-3.05	-13.00	-58.77
711.91	-67.91	-68.41	3.43	-2.93	-13.00	-54.91
1673.20	-59.04	-64.30	9.55	-4.29	-13.00	-46.04
2509.80	-58.40	-63.82	10.62	-5.20	-13.00	-45.40

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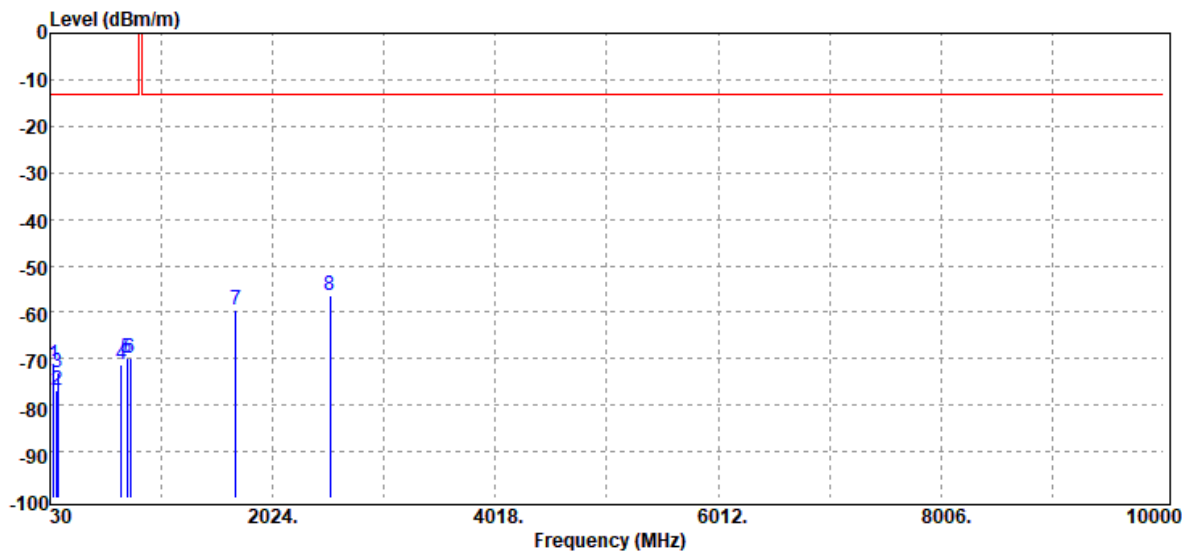
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Report Number :ER/2021/20010
Operation Mode :WCDMA B5
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :846.6 MHz

Test Site :SAC I Chamber
Test Date :2021-03-30
Temp./Humi. :24.2/71
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.44	-61.39	-9.30	-0.75	-13.00	-58.44
90.14	-76.98	-75.59	-0.41	-0.98	-13.00	-63.98
100.81	-72.89	-71.04	-0.83	-1.02	-13.00	-59.89
665.35	-71.20	-72.12	3.73	-2.81	-13.00	-58.20
720.64	-70.03	-70.89	3.48	-2.62	-13.00	-57.03
745.86	-70.05	-70.43	2.83	-2.45	-13.00	-57.05
1693.20	-59.34	-64.61	9.59	-4.32	-13.00	-46.34
2539.80	-56.42	-61.87	10.68	-5.23	-13.00	-43.42

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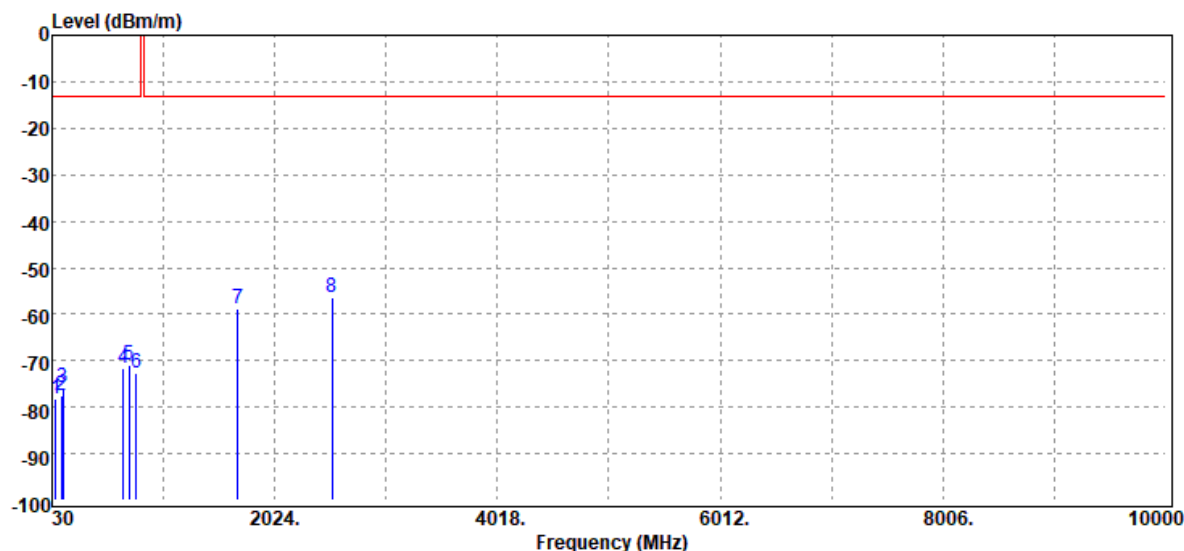
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Report Number :ER/2021/20010
 Operation Mode :WCDMA B5
 Test Mode :Tx CH High
 EUT Pol :H Plane
 Test Frequency :846.6 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-30
 Temp./Humi. :24.2/71
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-78.22	-68.17	-9.30	-0.75	-13.00	-65.22
110.51	-77.42	-74.86	-1.50	-1.06	-13.00	-64.42
124.09	-75.86	-72.86	-1.85	-1.15	-13.00	-62.86
667.29	-71.65	-72.40	3.72	-2.97	-13.00	-58.65
720.64	-70.80	-71.66	3.48	-2.62	-13.00	-57.80
786.60	-72.57	-73.09	3.63	-3.11	-13.00	-59.57
1693.20	-58.81	-64.08	9.59	-4.32	-13.00	-45.81
2539.80	-56.56	-62.01	10.68	-5.23	-13.00	-43.56

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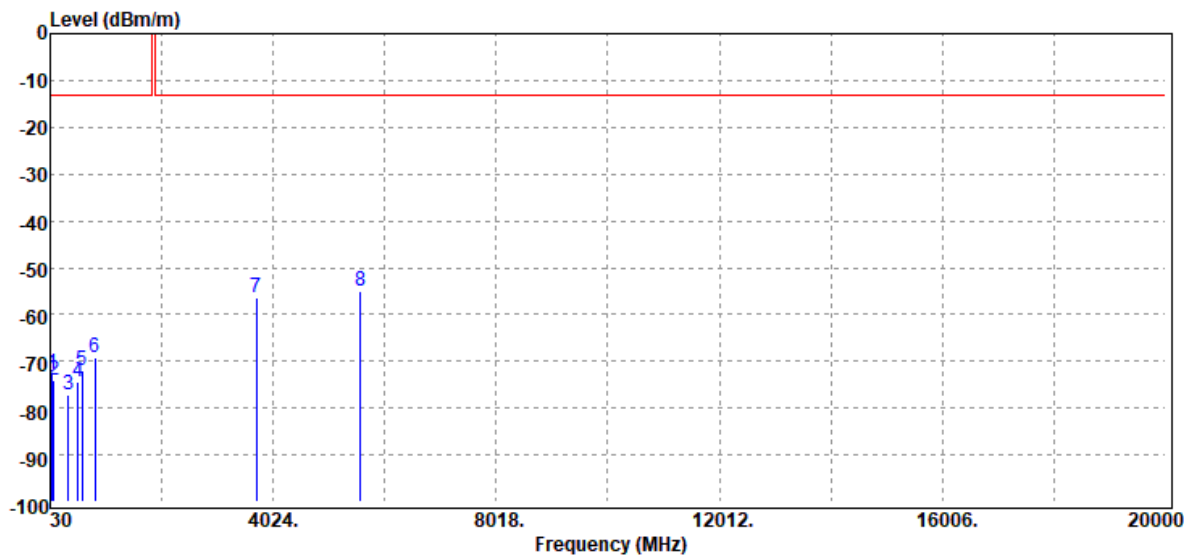
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Report Number :ER/2021/20010
Operation Mode :LTE B2
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1860 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-72.61	-62.28	-9.60	-0.73	-13.00	-59.61
100.81	-73.95	-72.10	-0.83	-1.02	-13.00	-60.95
361.74	-77.00	-79.53	4.48	-1.95	-13.00	-64.00
524.70	-74.37	-76.45	4.18	-2.10	-13.00	-61.37
595.51	-71.89	-73.00	3.76	-2.65	-13.00	-58.89
827.34	-69.31	-70.84	4.48	-2.95	-13.00	-56.31
3720.00	-56.41	-61.19	12.34	-7.56	-13.00	-43.41
5580.00	-54.98	-58.52	12.96	-9.42	-13.00	-41.98

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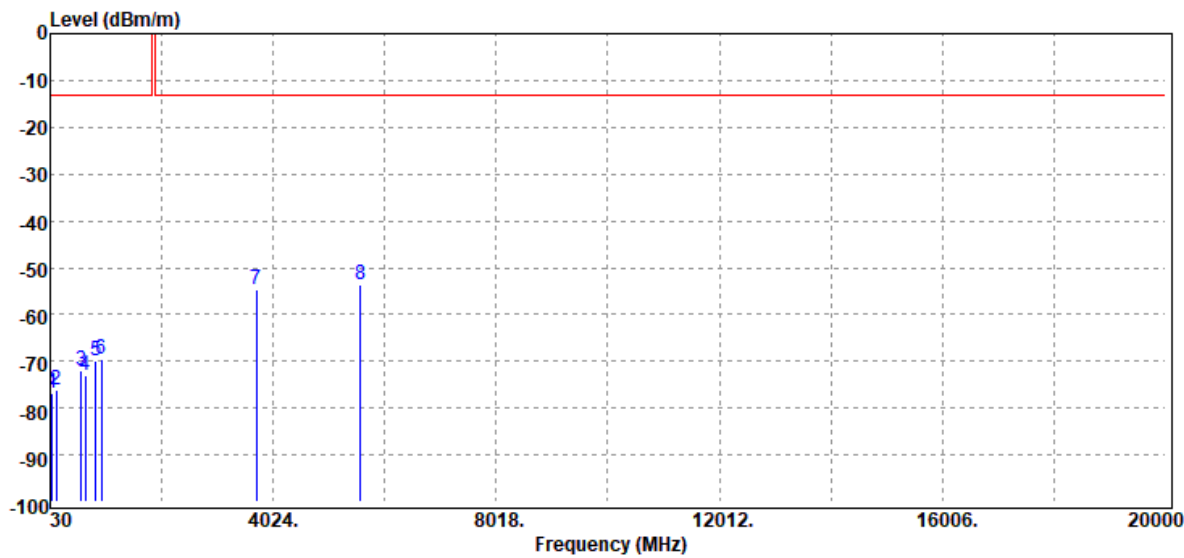
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B2
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1860 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-76.92	-66.87	-9.30	-0.75	-13.00	-63.92
144.46	-76.09	-72.92	-1.93	-1.24	-13.00	-63.09
592.60	-71.92	-73.05	3.78	-2.65	-13.00	-58.92
658.56	-73.02	-74.29	3.65	-2.38	-13.00	-60.02
841.89	-69.78	-71.50	4.69	-2.97	-13.00	-56.78
949.56	-69.38	-70.07	3.84	-3.15	-13.00	-56.38
3720.00	-54.70	-59.48	12.34	-7.56	-13.00	-41.70
5580.00	-53.54	-57.08	12.96	-9.42	-13.00	-40.54

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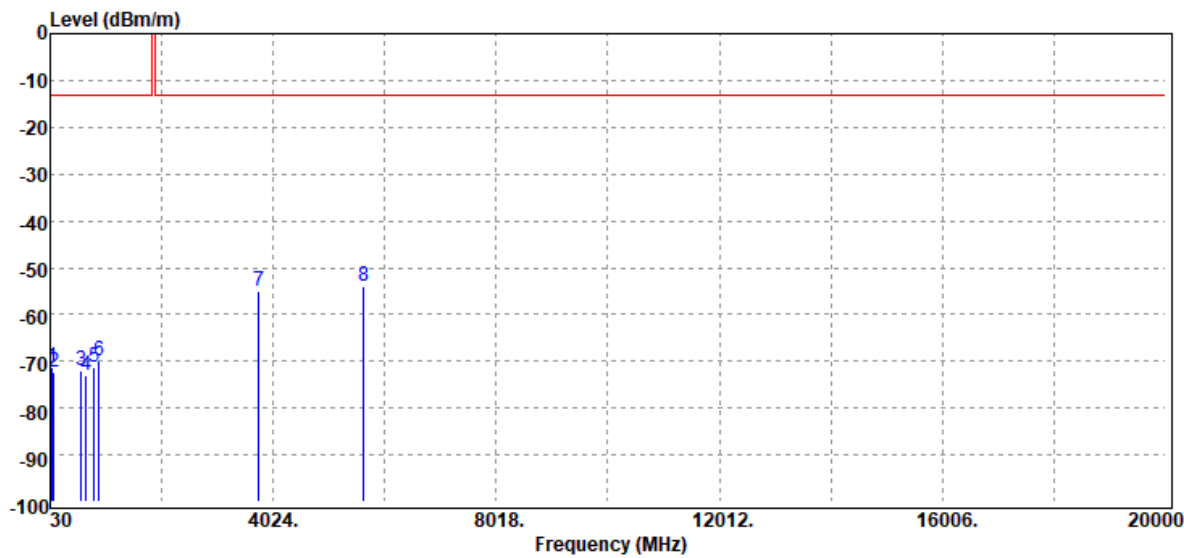
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B2
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.31	-61.26	-9.30	-0.75	-13.00	-58.31
100.81	-72.26	-70.41	-0.83	-1.02	-13.00	-59.26
592.60	-71.83	-72.96	3.78	-2.65	-13.00	-58.83
676.99	-72.89	-73.79	3.85	-2.95	-13.00	-59.89
818.61	-71.11	-72.28	4.30	-3.13	-13.00	-58.11
909.79	-69.90	-70.75	4.07	-3.22	-13.00	-56.90
3760.00	-54.93	-59.70	12.40	-7.63	-13.00	-41.93
5640.00	-53.91	-57.68	13.00	-9.23	-13.00	-40.91

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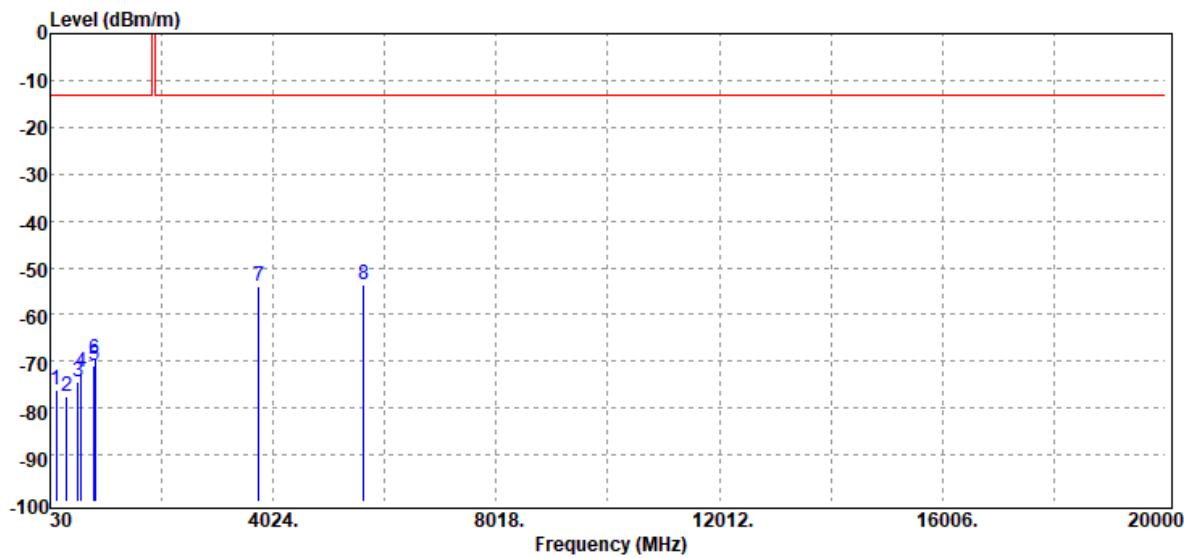
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B2
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1880 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.76	-76.07	-72.73	-2.10	-1.24	-13.00	-63.07
327.79	-77.49	-79.87	4.24	-1.86	-13.00	-64.49
527.61	-74.32	-76.46	4.17	-2.03	-13.00	-61.32
585.81	-72.21	-73.36	3.82	-2.67	-13.00	-59.21
813.76	-71.10	-72.38	4.37	-3.09	-13.00	-58.10
837.04	-69.55	-71.15	4.63	-3.03	-13.00	-56.55
3760.00	-54.10	-58.87	12.40	-7.63	-13.00	-41.10
5640.00	-53.73	-57.50	13.00	-9.23	-13.00	-40.73

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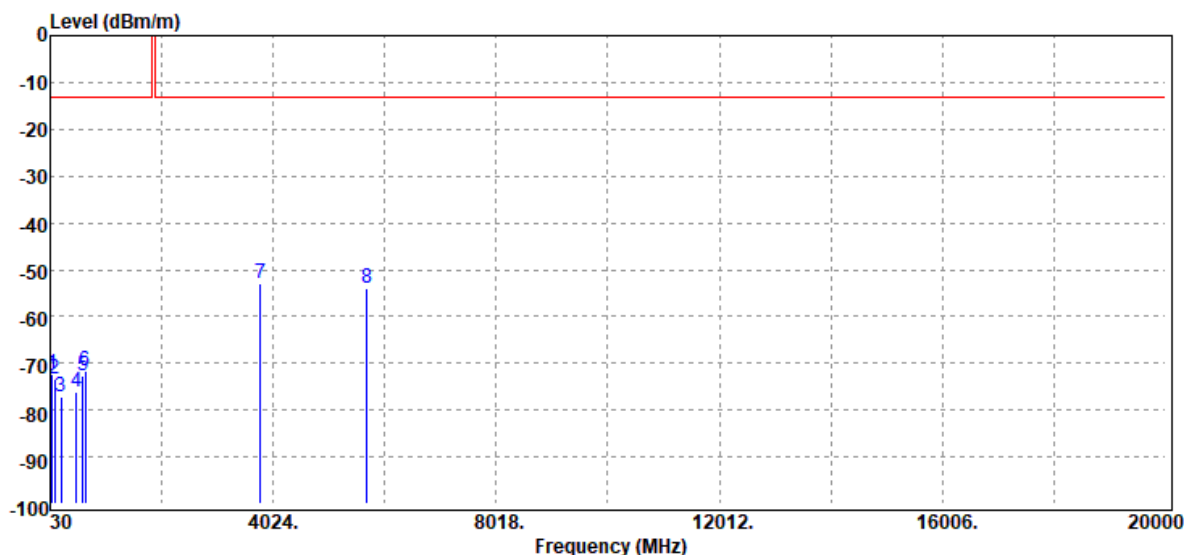
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B2
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1900 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.41	-62.36	-9.30	-0.75	-13.00	-59.41
102.75	-73.51	-71.40	-1.08	-1.03	-13.00	-60.51
231.76	-77.04	-80.15	4.70	-1.59	-13.00	-64.04
498.51	-76.25	-78.08	4.23	-2.40	-13.00	-63.25
614.91	-72.64	-73.70	3.46	-2.40	-13.00	-59.64
665.35	-71.55	-72.47	3.73	-2.81	-13.00	-58.55
3800.00	-53.05	-57.75	12.40	-7.70	-13.00	-40.05
5700.00	-53.96	-57.66	12.80	-9.10	-13.00	-40.96

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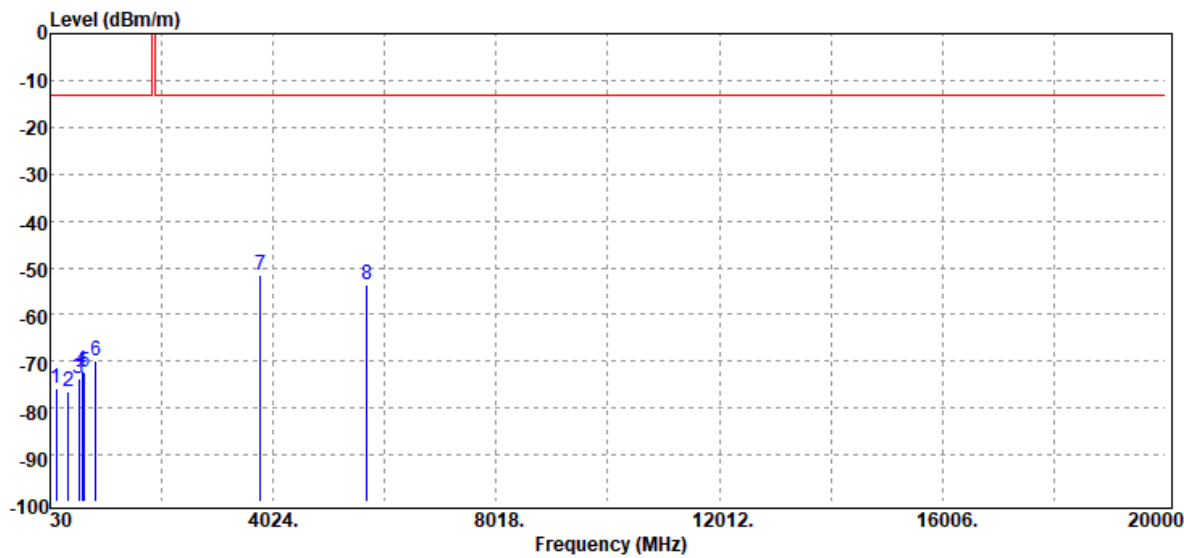
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Report Number :ER/2021/20010
Operation Mode :LTE B2
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1900 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
131.85	-75.80	-72.51	-2.09	-1.20	-13.00	-62.80
350.10	-76.50	-79.03	4.56	-2.03	-13.00	-63.50
542.16	-73.73	-75.72	4.33	-2.34	-13.00	-60.73
595.51	-71.89	-73.00	3.76	-2.65	-13.00	-58.89
645.95	-72.42	-73.67	3.58	-2.33	-13.00	-59.42
839.95	-69.86	-71.44	4.67	-3.09	-13.00	-56.86
3800.00	-51.64	-56.34	12.40	-7.70	-13.00	-38.64
5700.00	-53.56	-57.26	12.80	-9.10	-13.00	-40.56

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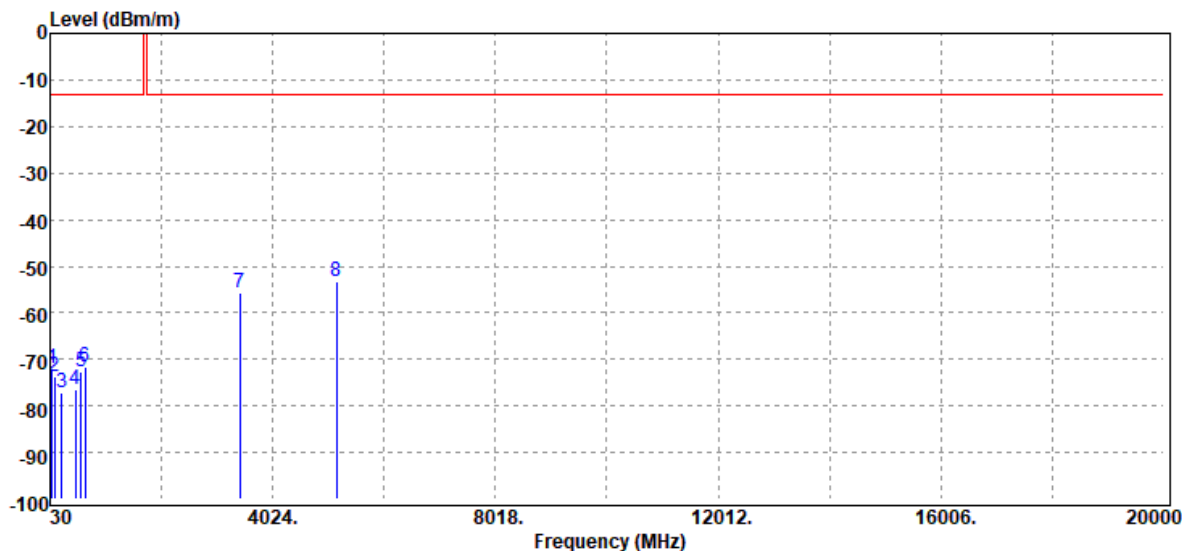
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Report Number :ER/2021/20010
Operation Mode :LTE B4
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1720 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.12	-62.07	-9.30	-0.75	-13.00	-59.12
103.72	-73.86	-71.76	-1.07	-1.03	-13.00	-60.86
238.55	-77.27	-80.08	4.42	-1.61	-13.00	-64.27
483.96	-76.45	-78.37	4.28	-2.36	-13.00	-63.45
589.69	-72.59	-73.74	3.80	-2.65	-13.00	-59.59
665.35	-71.66	-72.58	3.73	-2.81	-13.00	-58.66
3440.00	-55.71	-62.28	12.52	-5.95	-13.00	-42.71
5160.00	-53.18	-57.41	12.16	-7.93	-13.00	-40.18

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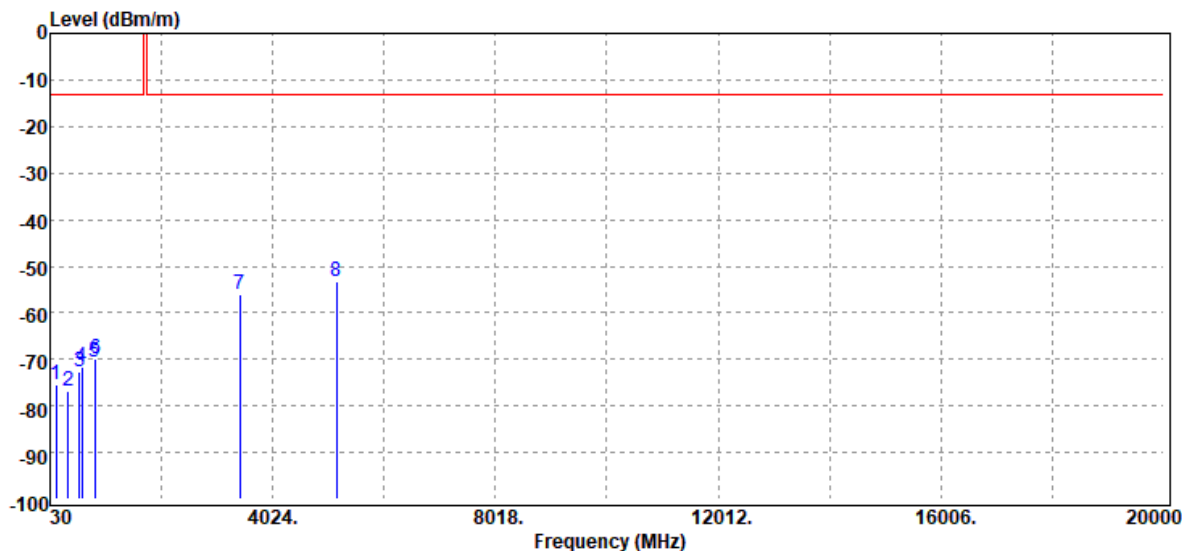
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Report Number :ER/2021/20010
Operation Mode :LTE B4
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1720 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.76	-75.32	-71.98	-2.10	-1.24	-13.00	-62.32
354.95	-76.77	-79.27	4.49	-1.99	-13.00	-63.77
551.86	-72.82	-74.70	4.22	-2.34	-13.00	-59.82
600.36	-71.56	-72.56	3.64	-2.64	-13.00	-58.56
825.40	-70.50	-71.92	4.42	-3.00	-13.00	-57.50
842.86	-69.90	-71.69	4.70	-2.91	-13.00	-56.90
3440.00	-56.16	-62.73	12.52	-5.95	-13.00	-43.16
5160.00	-53.42	-57.65	12.16	-7.93	-13.00	-40.42

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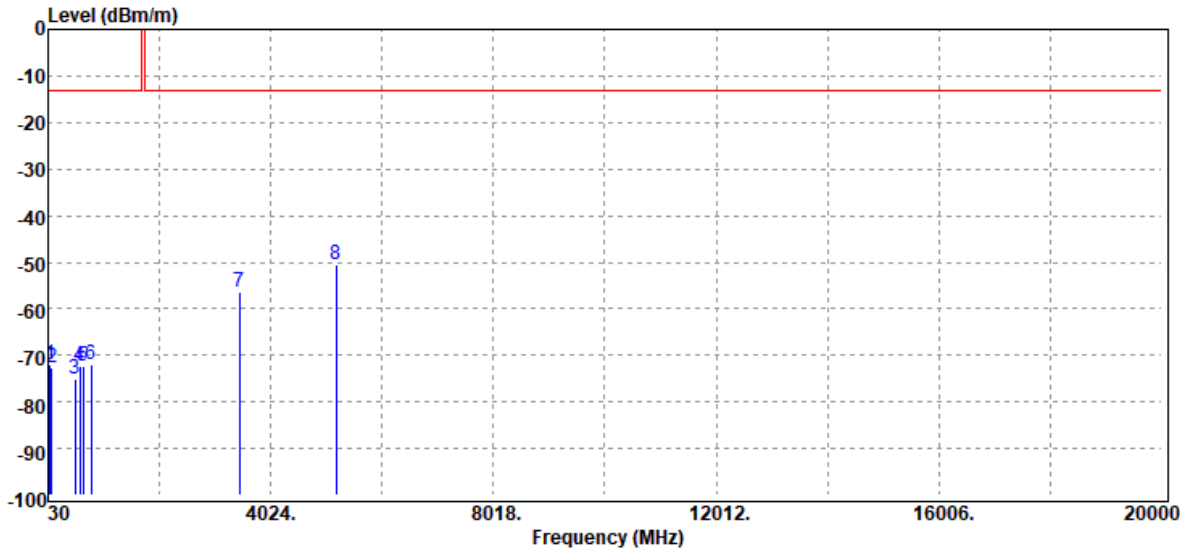
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Report Number :ER/2021/20010
Operation Mode :LTE B4
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1732.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-71.95	-61.62	-9.60	-0.73	-13.00	-58.95
100.81	-72.60	-70.75	-0.83	-1.02	-13.00	-59.60
512.09	-75.05	-77.11	4.13	-2.07	-13.00	-62.05
600.36	-72.17	-73.17	3.64	-2.64	-13.00	-59.17
665.35	-72.25	-73.17	3.73	-2.81	-13.00	-59.25
798.24	-72.01	-72.87	3.99	-3.13	-13.00	-59.01
3465.00	-56.55	-62.92	12.47	-6.10	-13.00	-43.55
5197.50	-50.52	-55.03	12.39	-7.88	-13.00	-37.52

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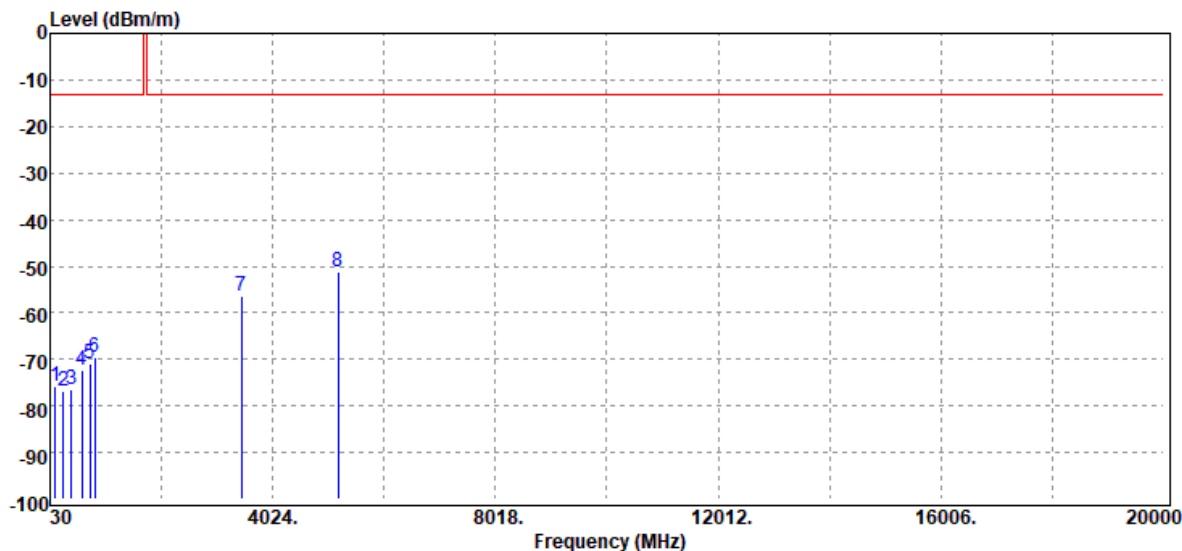
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :LTE B4
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1732.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
124.09	-75.71	-72.71	-1.85	-1.15	-13.00	-62.71
262.80	-76.88	-79.59	4.36	-1.65	-13.00	-63.88
411.21	-76.63	-79.19	4.41	-1.85	-13.00	-63.63
595.51	-72.17	-73.28	3.76	-2.65	-13.00	-59.17
744.89	-70.89	-71.26	2.82	-2.45	-13.00	-57.89
835.10	-69.72	-71.34	4.61	-2.99	-13.00	-56.72
3465.00	-56.46	-62.83	12.47	-6.10	-13.00	-43.46
5197.50	-51.31	-55.82	12.39	-7.88	-13.00	-38.31

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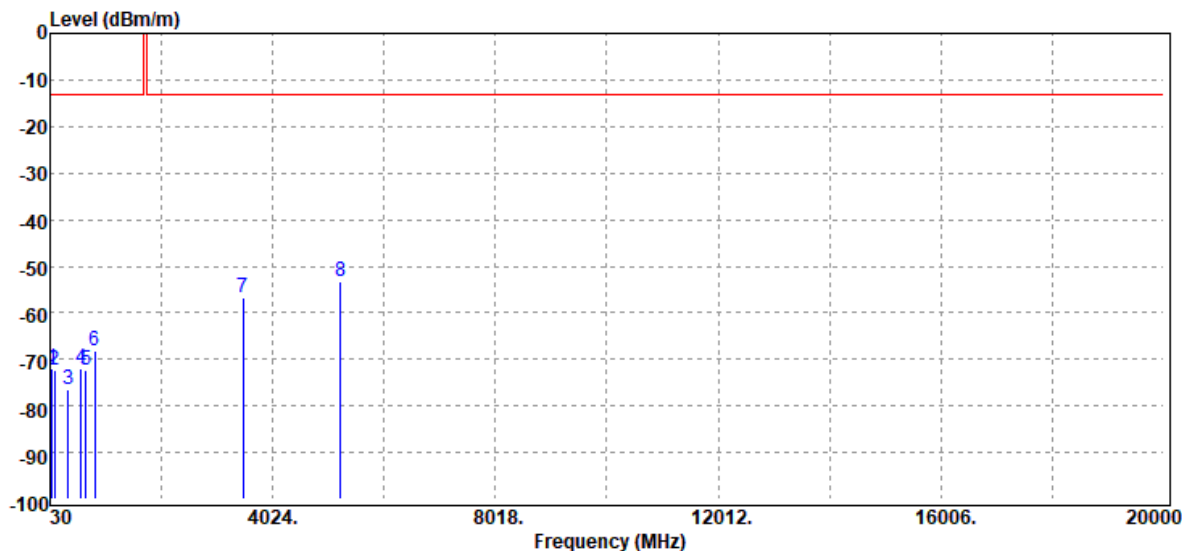
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Report Number :ER/2021/20010
Operation Mode :LTE B4
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1745 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.91	-61.86	-9.30	-0.75	-13.00	-58.91
102.75	-72.20	-70.09	-1.08	-1.03	-13.00	-59.20
361.74	-76.59	-79.12	4.48	-1.95	-13.00	-63.59
589.69	-71.93	-73.08	3.80	-2.65	-13.00	-58.93
668.26	-72.24	-72.90	3.71	-3.05	-13.00	-59.24
835.10	-68.07	-69.69	4.61	-2.99	-13.00	-55.07
3490.00	-56.92	-63.08	12.42	-6.26	-13.00	-43.92
5235.00	-53.35	-58.04	12.68	-7.99	-13.00	-40.35

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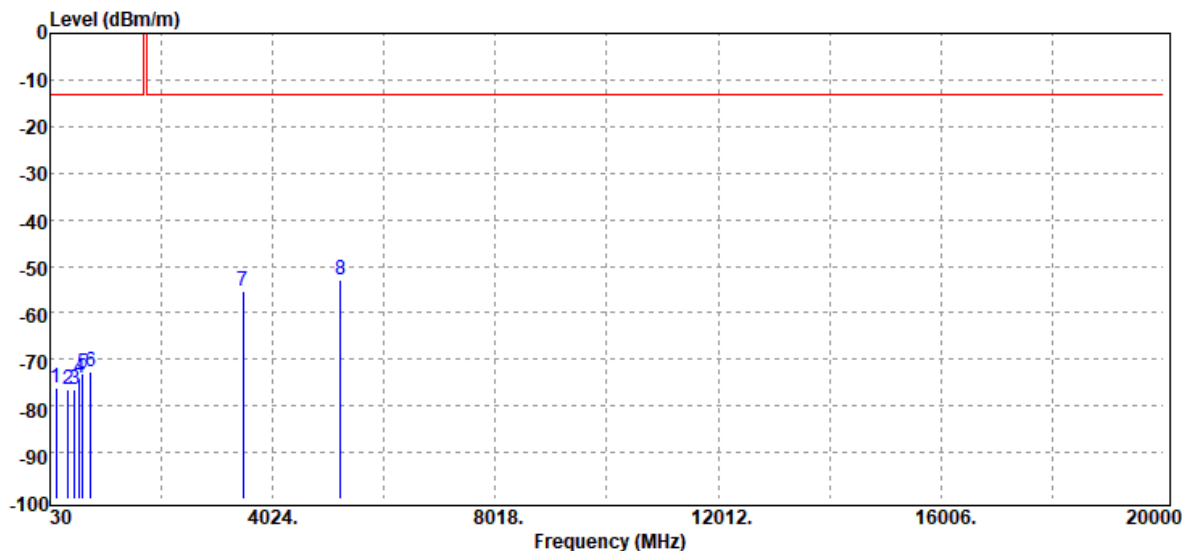
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Report Number :ER/2021/20010
Operation Mode :LTE B4
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1745 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
133.79	-76.09	-72.81	-2.05	-1.23	-13.00	-63.09
352.04	-76.40	-78.91	4.53	-2.02	-13.00	-63.40
468.44	-76.57	-78.41	4.12	-2.28	-13.00	-63.57
550.89	-74.01	-75.91	4.20	-2.30	-13.00	-61.01
609.09	-72.92	-73.91	3.51	-2.52	-13.00	-59.92
765.26	-72.53	-72.86	3.06	-2.73	-13.00	-59.53
3490.00	-55.32	-61.48	12.42	-6.26	-13.00	-42.32
5235.00	-52.90	-57.59	12.68	-7.99	-13.00	-39.90

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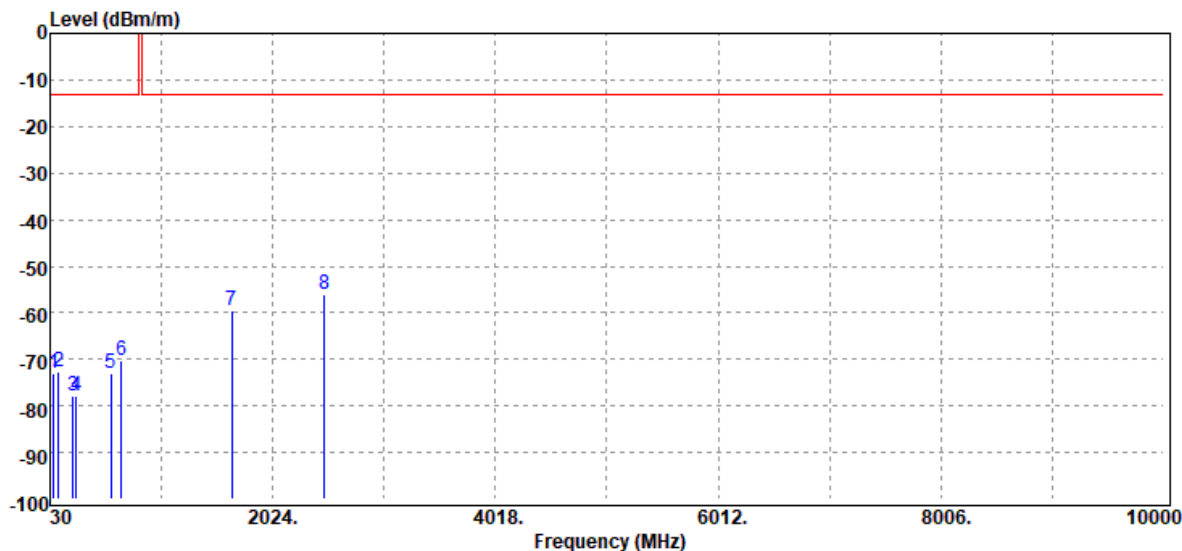
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B5
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :829 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.89	-62.84	-9.30	-0.75	-13.00	-59.89
102.75	-72.66	-70.55	-1.08	-1.03	-13.00	-59.66
233.70	-77.82	-80.80	4.58	-1.60	-13.00	-64.82
262.80	-77.83	-80.54	4.36	-1.65	-13.00	-64.83
576.11	-72.99	-74.29	3.97	-2.67	-13.00	-59.99
670.20	-70.21	-70.74	3.71	-3.18	-13.00	-57.21
1658.00	-59.57	-64.82	9.52	-4.27	-13.00	-46.57
2487.00	-55.97	-61.36	10.57	-5.18	-13.00	-42.97

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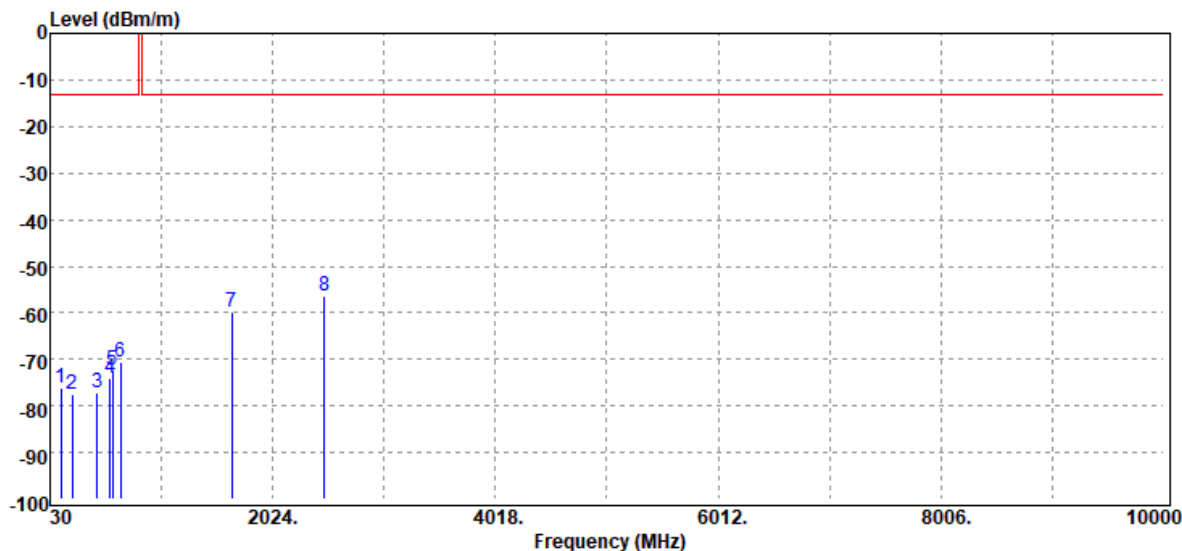
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Report Number :ER/2021/20010
Operation Mode :LTE B5
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :829 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
127.97	-76.20	-73.16	-1.88	-1.16	-13.00	-63.20
231.76	-77.35	-80.46	4.70	-1.59	-13.00	-64.35
454.86	-76.99	-78.86	4.14	-2.27	-13.00	-63.99
564.47	-74.05	-75.56	4.13	-2.62	-13.00	-61.05
592.60	-72.45	-73.58	3.78	-2.65	-13.00	-59.45
663.41	-70.67	-71.74	3.72	-2.65	-13.00	-57.67
1658.00	-59.86	-65.11	9.52	-4.27	-13.00	-46.86
2487.00	-56.27	-61.66	10.57	-5.18	-13.00	-43.27

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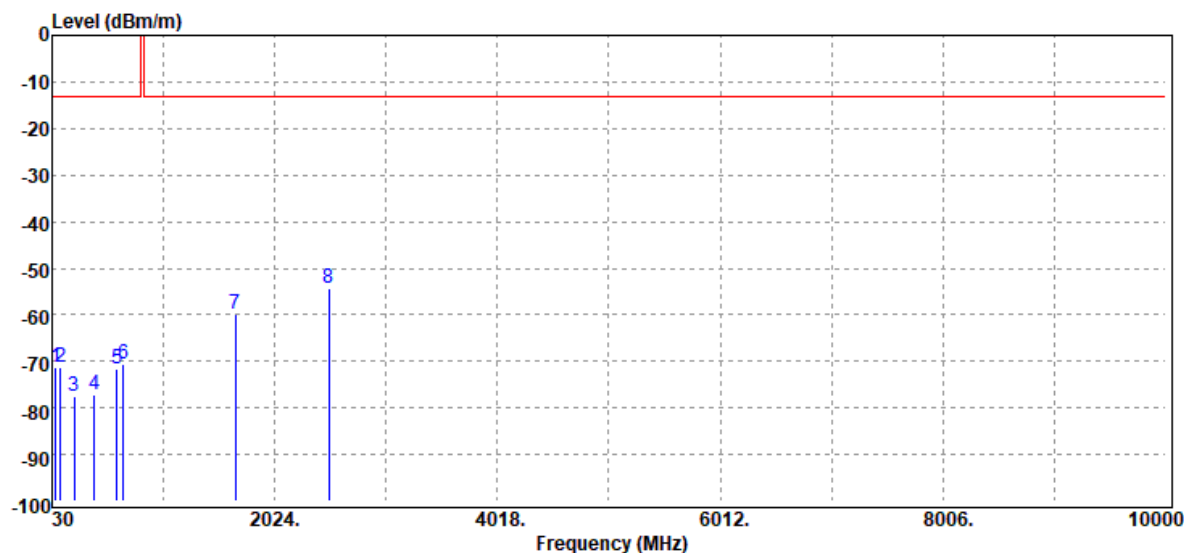
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Report Number :ER/2021/20010
 Operation Mode :LTE B5
 Test Mode :Tx CH Mid
 EUT Pol :H Plane
 Test Frequency :836.5 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.44	-61.39	-9.30	-0.75	-13.00	-58.44
102.75	-71.14	-69.03	-1.08	-1.03	-13.00	-58.14
231.76	-77.68	-80.79	4.70	-1.59	-13.00	-64.68
411.21	-76.99	-79.55	4.41	-1.85	-13.00	-63.99
612.00	-71.78	-72.79	3.47	-2.46	-13.00	-58.78
667.29	-70.53	-71.28	3.72	-2.97	-13.00	-57.53
1673.00	-59.75	-65.01	9.55	-4.29	-13.00	-46.75
2509.50	-54.20	-59.62	10.62	-5.20	-13.00	-41.20

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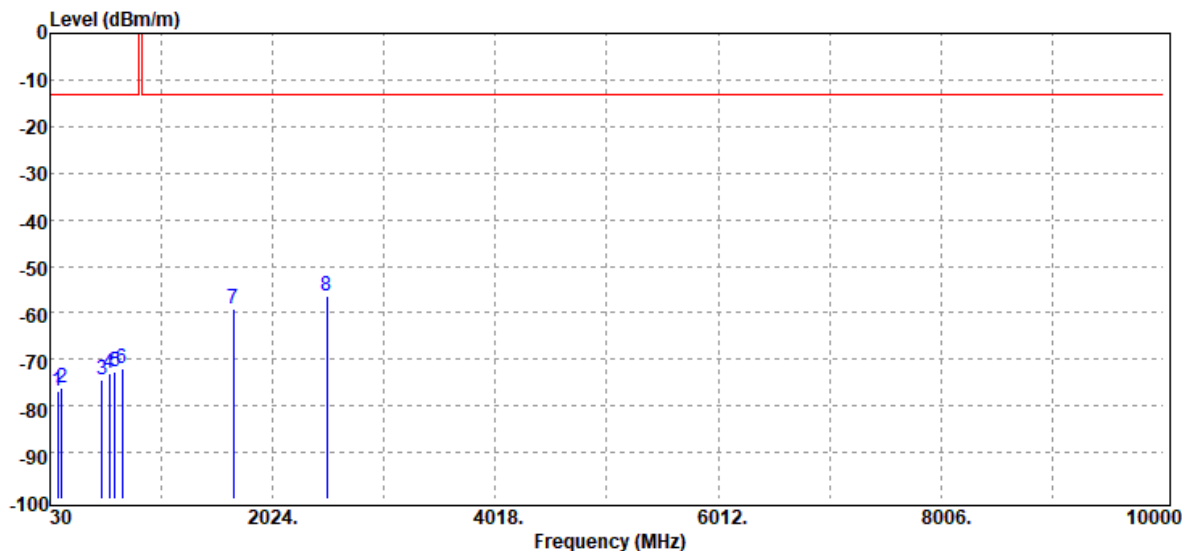
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Report Number :ER/2021/20010
Operation Mode :LTE B5
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :836.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
99.84	-76.95	-75.15	-0.79	-1.01	-13.00	-63.95
131.85	-75.98	-72.69	-2.09	-1.20	-13.00	-62.98
495.60	-74.36	-76.19	4.18	-2.35	-13.00	-61.36
560.59	-73.11	-74.72	4.23	-2.62	-13.00	-60.11
607.15	-72.57	-73.59	3.56	-2.54	-13.00	-59.57
673.11	-71.87	-72.59	3.80	-3.08	-13.00	-58.87
1673.00	-59.10	-64.36	9.55	-4.29	-13.00	-46.10
2509.50	-56.32	-61.74	10.62	-5.20	-13.00	-43.32

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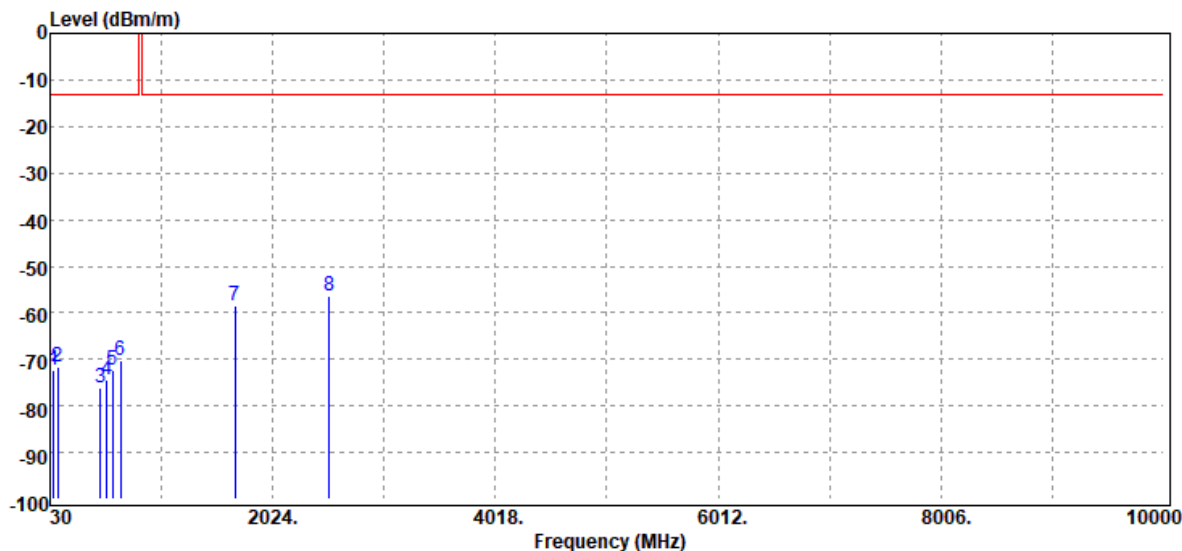
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Report Number :ER/2021/20010
Operation Mode :LTE B5
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :844 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.32	-62.27	-9.30	-0.75	-13.00	-59.32
100.81	-71.60	-69.75	-0.83	-1.02	-13.00	-58.60
483.96	-76.17	-78.09	4.28	-2.36	-13.00	-63.17
541.19	-74.33	-76.36	4.38	-2.35	-13.00	-61.33
587.75	-72.42	-73.57	3.81	-2.66	-13.00	-59.42
660.50	-70.29	-71.56	3.68	-2.41	-13.00	-57.29
1688.00	-58.47	-63.74	9.58	-4.31	-13.00	-45.47
2532.00	-56.44	-61.88	10.66	-5.22	-13.00	-43.44

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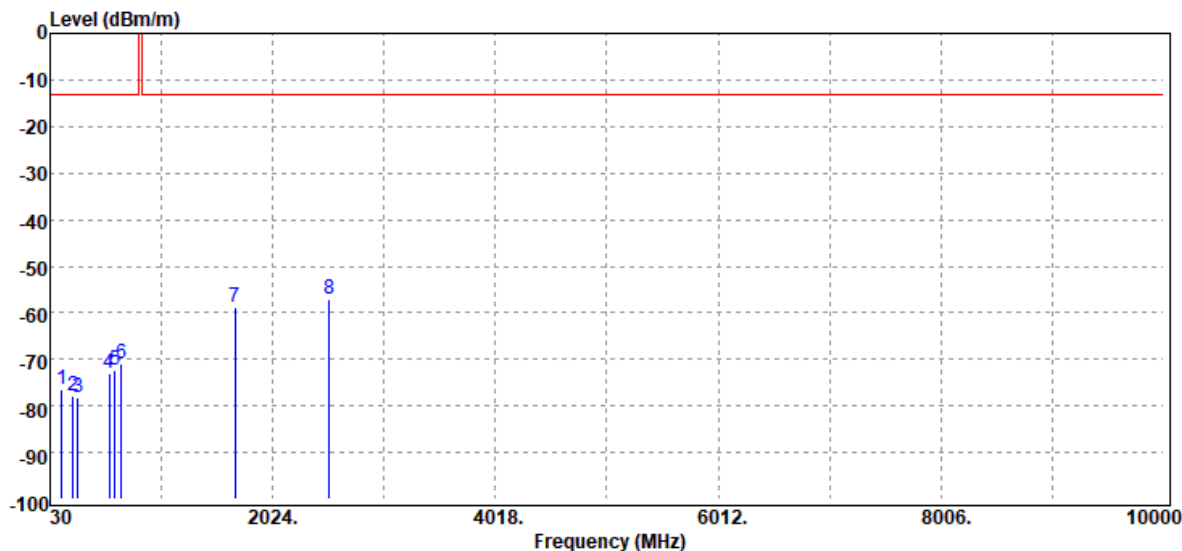
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Report Number :ER/2021/20010
Operation Mode :LTE B5
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :844 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
131.85	-76.32	-73.03	-2.09	-1.20	-13.00	-63.32
236.61	-77.79	-80.64	4.46	-1.61	-13.00	-64.79
279.29	-78.12	-80.45	4.02	-1.69	-13.00	-65.12
558.65	-73.18	-74.86	4.25	-2.57	-13.00	-60.18
610.06	-72.27	-73.26	3.49	-2.50	-13.00	-59.27
667.29	-70.84	-71.59	3.72	-2.97	-13.00	-57.84
1688.00	-58.91	-64.18	9.58	-4.31	-13.00	-45.91
2532.00	-56.98	-62.42	10.66	-5.22	-13.00	-43.98

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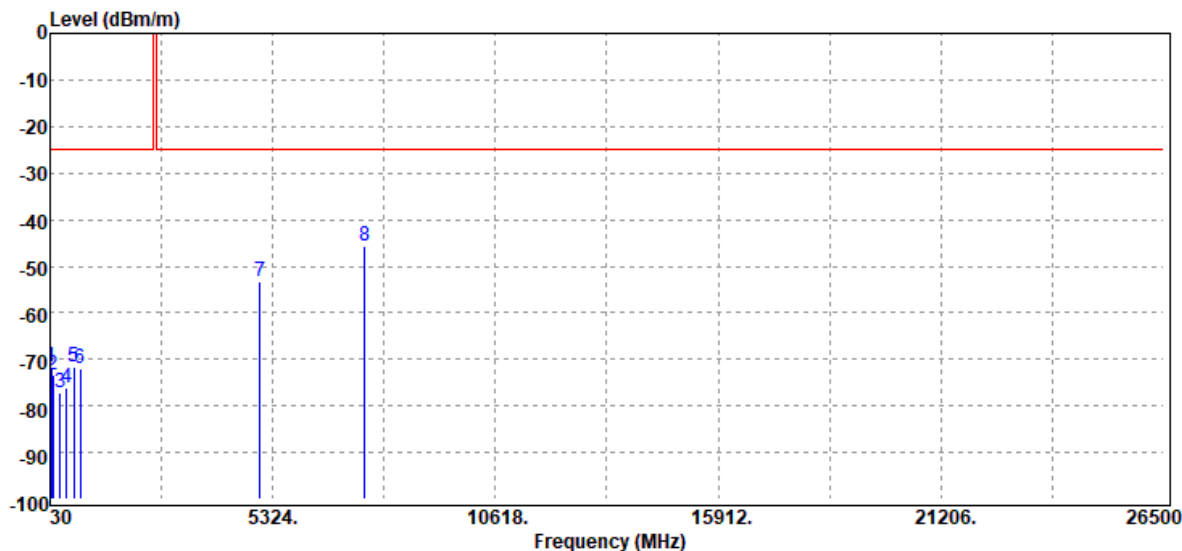
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :LTE B7
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :2505 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.57	-61.52	-9.30	-0.75	-25.00	-46.57
102.75	-73.42	-71.31	-1.08	-1.03	-25.00	-48.42
264.74	-77.27	-79.97	4.35	-1.65	-25.00	-52.27
413.15	-76.16	-78.68	4.38	-1.86	-25.00	-51.16
597.45	-71.62	-72.68	3.71	-2.65	-25.00	-46.62
749.74	-72.02	-72.42	2.88	-2.48	-25.00	-47.02
5010.00	-53.16	-58.11	12.42	-7.47	-25.00	-28.16
7515.00	-45.80	-47.59	11.03	-9.24	-25.00	-20.80

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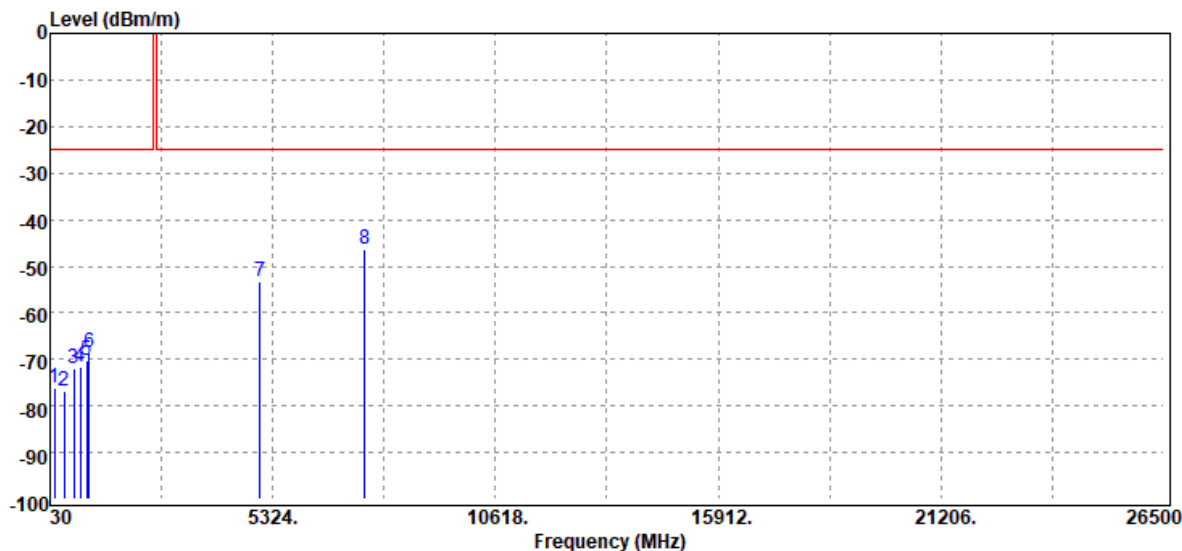
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Report Number :ER/2021/20010
Operation Mode :LTE B7
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :2505 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
129.91	-76.07	-72.77	-2.13	-1.17	-25.00	-51.07
359.80	-76.74	-79.31	4.51	-1.94	-25.00	-51.74
602.30	-72.07	-73.09	3.63	-2.61	-25.00	-47.07
744.89	-71.53	-71.90	2.82	-2.45	-25.00	-46.53
904.94	-70.28	-71.14	4.21	-3.35	-25.00	-45.28
963.14	-68.61	-69.47	3.75	-2.89	-25.00	-43.61
5010.00	-53.16	-58.11	12.42	-7.47	-25.00	-28.16
7515.00	-46.44	-48.23	11.03	-9.24	-25.00	-21.44

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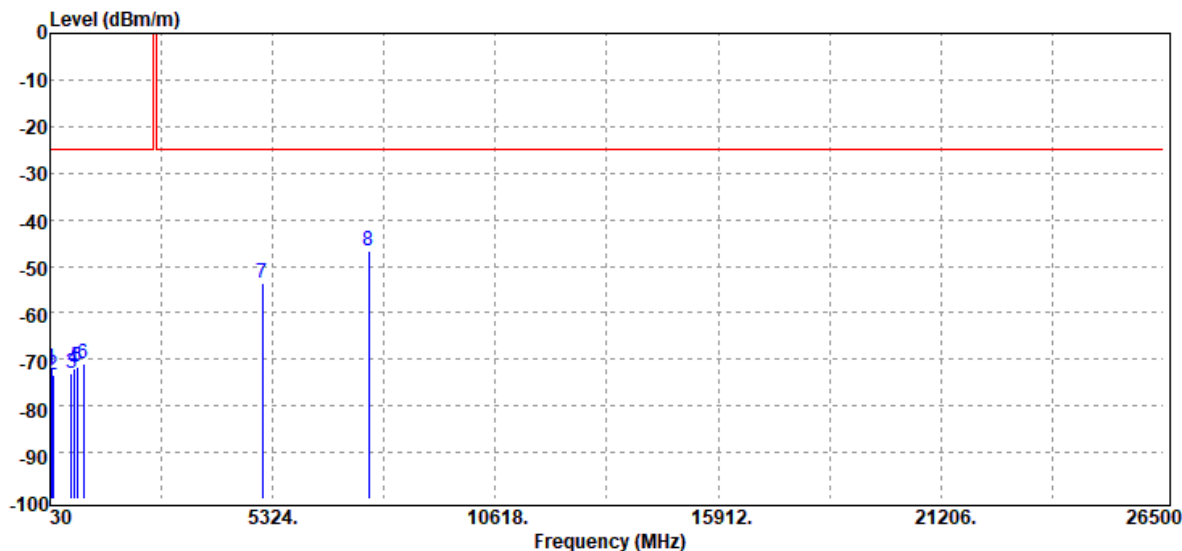
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :LTE B7
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :2535 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.00	-61.95	-9.30	-0.75	-25.00	-47.00
102.75	-73.48	-71.37	-1.08	-1.03	-25.00	-48.48
531.49	-72.98	-75.14	4.19	-2.03	-25.00	-47.98
597.45	-71.82	-72.88	3.71	-2.65	-25.00	-46.82
665.35	-71.50	-72.42	3.73	-2.81	-25.00	-46.50
825.40	-70.89	-72.31	4.42	-3.00	-25.00	-45.89
5070.00	-53.50	-57.77	12.10	-7.83	-25.00	-28.50
7605.00	-46.63	-48.23	11.21	-9.61	-25.00	-21.63

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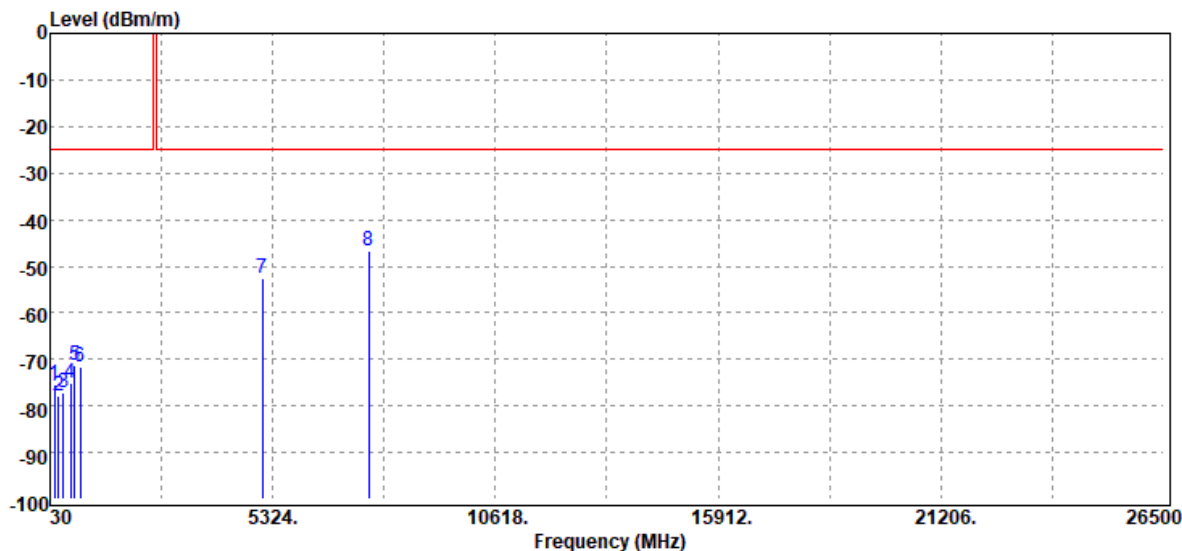
f (886-2) 2298-0488

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Report Number :ER/2021/20010
 Operation Mode :LTE B7
 Test Mode :Tx CH Mid
 EUT Pol :H Plane
 Test Frequency :2535 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
133.79	-75.52	-72.24	-2.05	-1.23	-25.00	-50.52
238.55	-77.84	-80.65	4.42	-1.61	-25.00	-52.84
353.01	-77.13	-79.64	4.52	-2.01	-25.00	-52.13
512.09	-75.12	-77.18	4.13	-2.07	-25.00	-50.12
605.21	-71.20	-72.24	3.61	-2.57	-25.00	-46.20
755.56	-71.57	-72.05	2.95	-2.47	-25.00	-46.57
5070.00	-52.59	-56.86	12.10	-7.83	-25.00	-27.59
7605.00	-46.82	-48.42	11.21	-9.61	-25.00	-21.82

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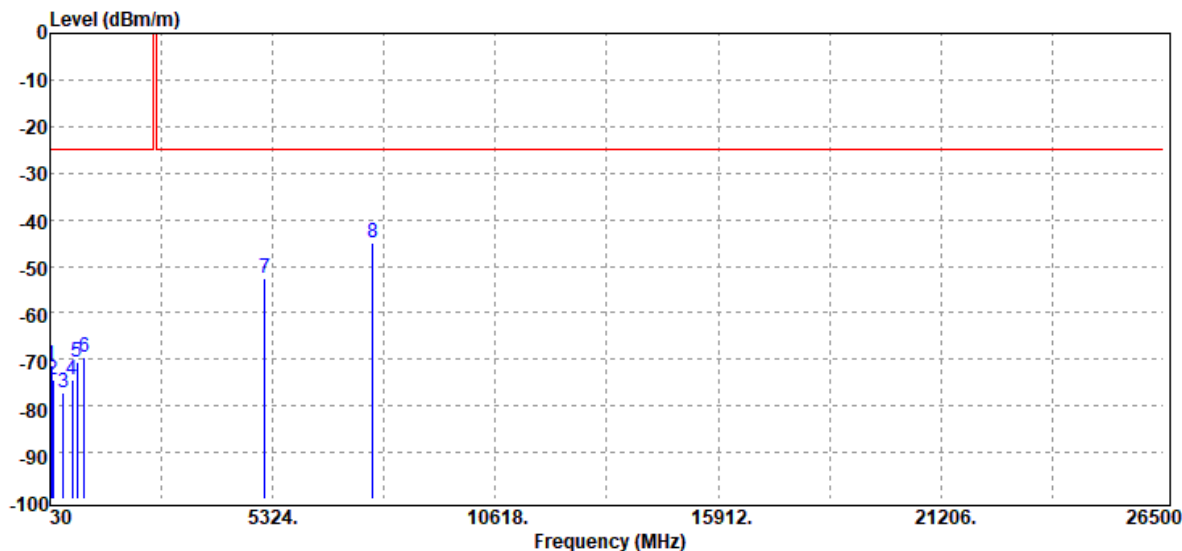
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Report Number :ER/2021/20010
Operation Mode :LTE B7
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :2565 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.45	-61.40	-9.30	-0.75	-25.00	-46.45
104.69	-74.52	-72.19	-1.30	-1.03	-25.00	-49.52
352.04	-77.15	-79.66	4.53	-2.02	-25.00	-52.15
548.95	-74.24	-76.15	4.19	-2.28	-25.00	-49.24
665.35	-70.58	-71.50	3.73	-2.81	-25.00	-45.58
841.89	-69.54	-71.26	4.69	-2.97	-25.00	-44.54
5130.00	-52.53	-56.67	12.10	-7.96	-25.00	-27.53
7695.00	-44.81	-46.36	11.48	-9.93	-25.00	-19.81

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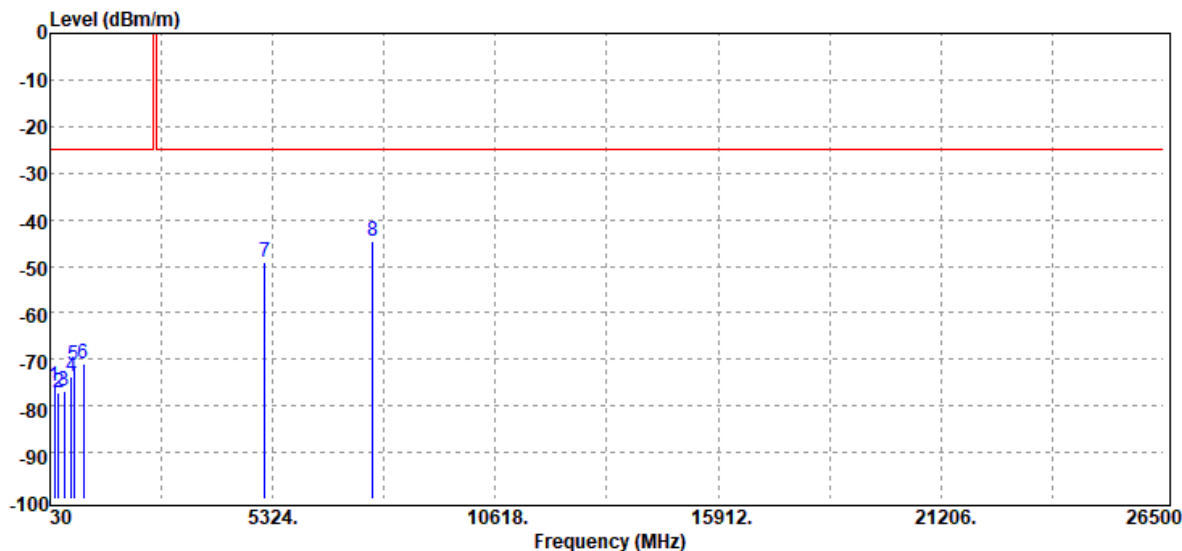
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Report Number :ER/2021/20010
Operation Mode :LTE B7
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :2565 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
132.82	-75.79	-72.61	-1.97	-1.21	-25.00	-50.79
235.64	-77.03	-79.92	4.49	-1.60	-25.00	-52.03
359.80	-76.80	-79.37	4.51	-1.94	-25.00	-51.80
532.46	-73.79	-75.93	4.21	-2.07	-25.00	-48.79
602.30	-71.31	-72.33	3.63	-2.61	-25.00	-46.31
815.70	-71.06	-72.34	4.38	-3.10	-25.00	-46.06
5130.00	-49.04	-53.18	12.10	-7.96	-25.00	-24.04
7695.00	-44.74	-46.29	11.48	-9.93	-25.00	-19.74

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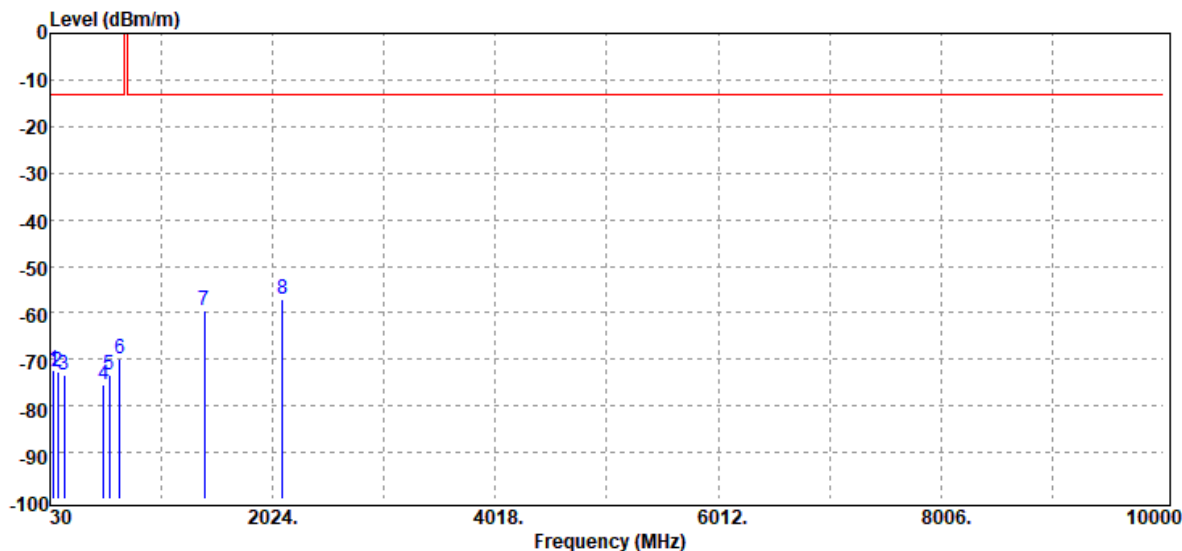
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Report Number :ER/2021/20010
 Operation Mode :LTE B12
 Test Mode :Tx CH Low
 EUT Pol :H Plane
 Test Frequency :704 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.42	-62.37	-9.30	-0.75	-13.00	-59.42
100.81	-72.55	-70.70	-0.83	-1.02	-13.00	-59.55
154.16	-73.40	-70.82	-1.39	-1.19	-13.00	-60.40
512.09	-75.44	-77.50	4.13	-2.07	-13.00	-62.44
556.71	-73.28	-75.03	4.26	-2.51	-13.00	-60.28
657.59	-69.85	-71.10	3.64	-2.39	-13.00	-56.85
1408.00	-59.58	-63.39	7.66	-3.85	-13.00	-46.58
2112.00	-56.99	-61.96	9.75	-4.78	-13.00	-43.99

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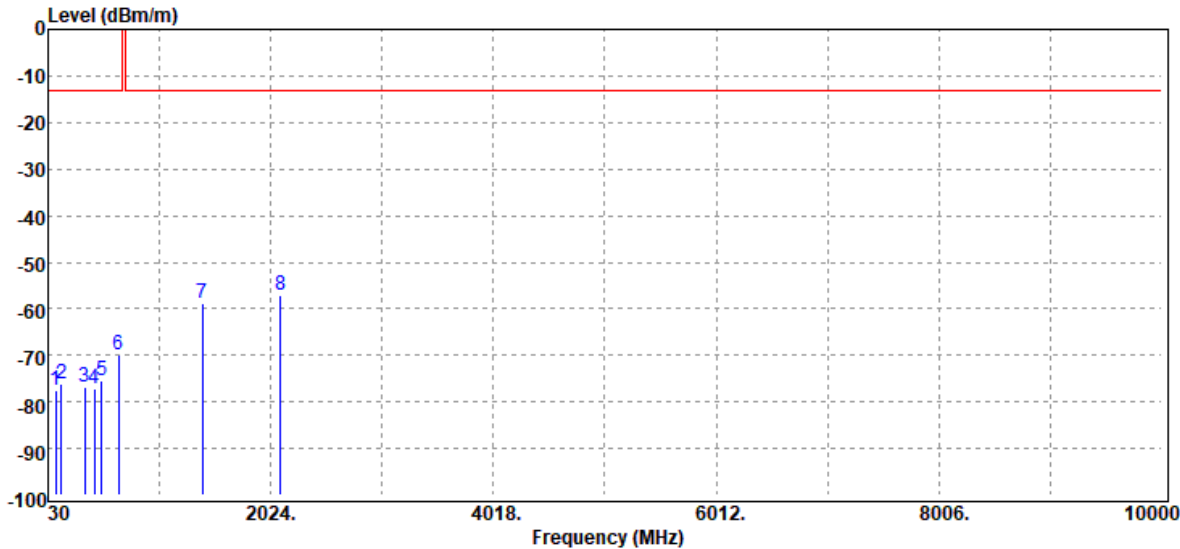
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Report Number :ER/2021/20010
Operation Mode :LTE B12
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :704 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
99.84	-77.37	-75.57	-0.79	-1.01	-13.00	-64.37
149.31	-75.99	-73.20	-1.64	-1.15	-13.00	-62.99
354.95	-76.92	-79.42	4.49	-1.99	-13.00	-63.92
447.10	-77.06	-79.02	4.15	-2.19	-13.00	-64.06
513.06	-75.45	-77.48	4.12	-2.09	-13.00	-62.45
660.50	-69.93	-71.20	3.68	-2.41	-13.00	-56.93
1408.00	-58.67	-62.48	7.66	-3.85	-13.00	-45.67
2112.00	-57.26	-62.23	9.75	-4.78	-13.00	-44.26

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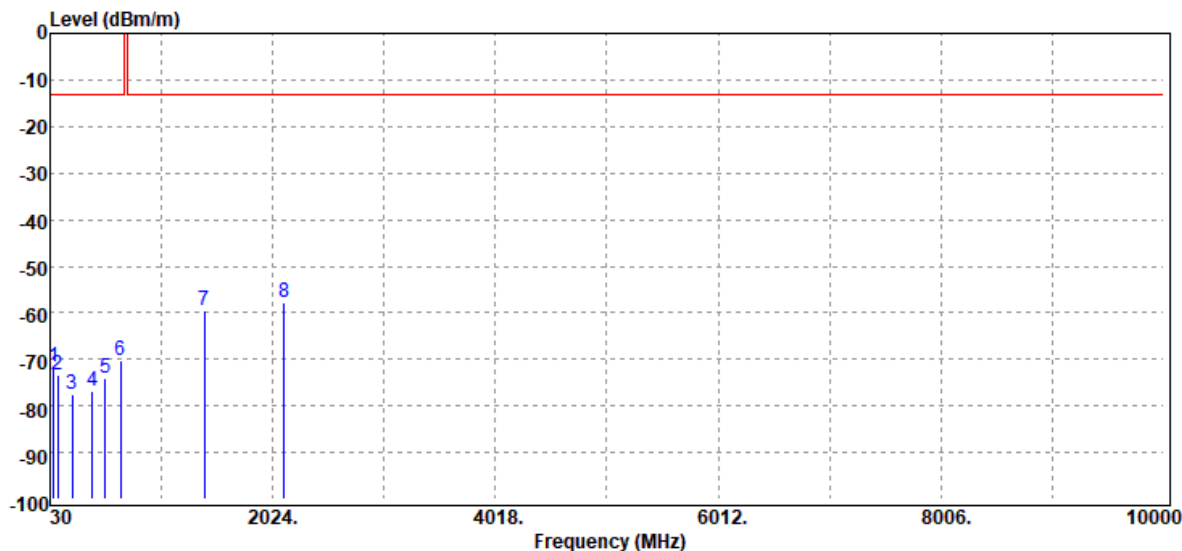
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B12
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :707.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-71.60	-61.27	-9.60	-0.73	-13.00	-58.60
100.81	-73.33	-71.48	-0.83	-1.02	-13.00	-60.33
231.76	-77.52	-80.63	4.70	-1.59	-13.00	-64.52
405.39	-76.80	-79.17	4.34	-1.97	-13.00	-63.80
527.61	-73.97	-76.11	4.17	-2.03	-13.00	-60.97
660.50	-70.16	-71.43	3.68	-2.41	-13.00	-57.16
1415.00	-59.46	-63.32	7.72	-3.86	-13.00	-46.46
2122.50	-57.91	-62.74	9.63	-4.80	-13.00	-44.91

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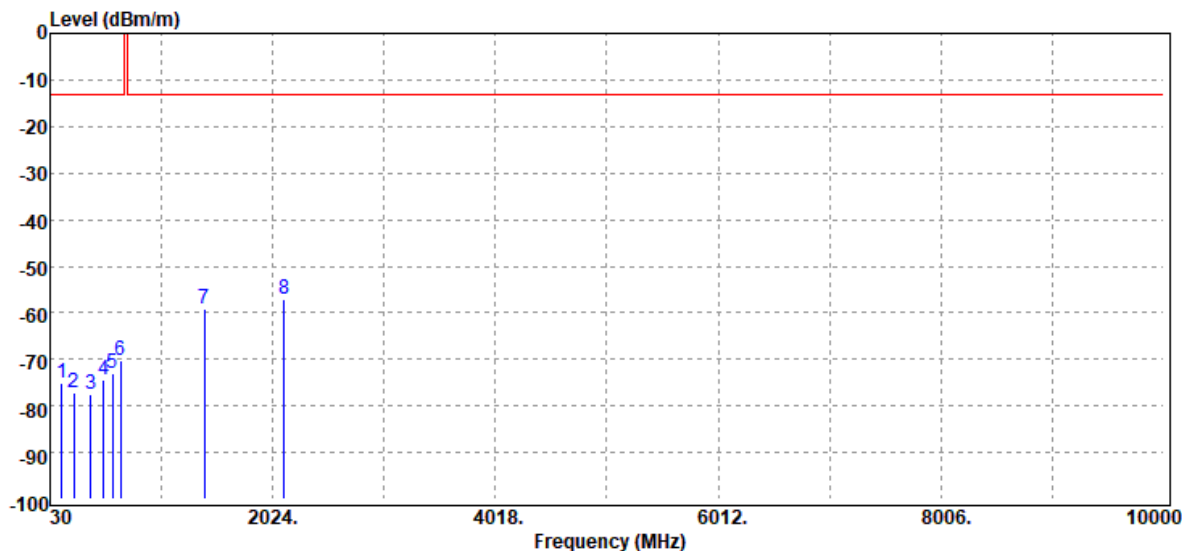
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Report Number :ER/2021/20010
Operation Mode :LTE B12
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :707.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.76	-75.18	-71.84	-2.10	-1.24	-13.00	-62.18
243.40	-77.20	-79.96	4.37	-1.61	-13.00	-64.20
396.66	-77.43	-79.65	4.32	-2.10	-13.00	-64.43
512.09	-74.53	-76.59	4.13	-2.07	-13.00	-61.53
587.75	-73.03	-74.18	3.81	-2.66	-13.00	-60.03
660.50	-70.09	-71.36	3.68	-2.41	-13.00	-57.09
1415.00	-59.01	-62.87	7.72	-3.86	-13.00	-46.01
2122.50	-57.25	-62.08	9.63	-4.80	-13.00	-44.25

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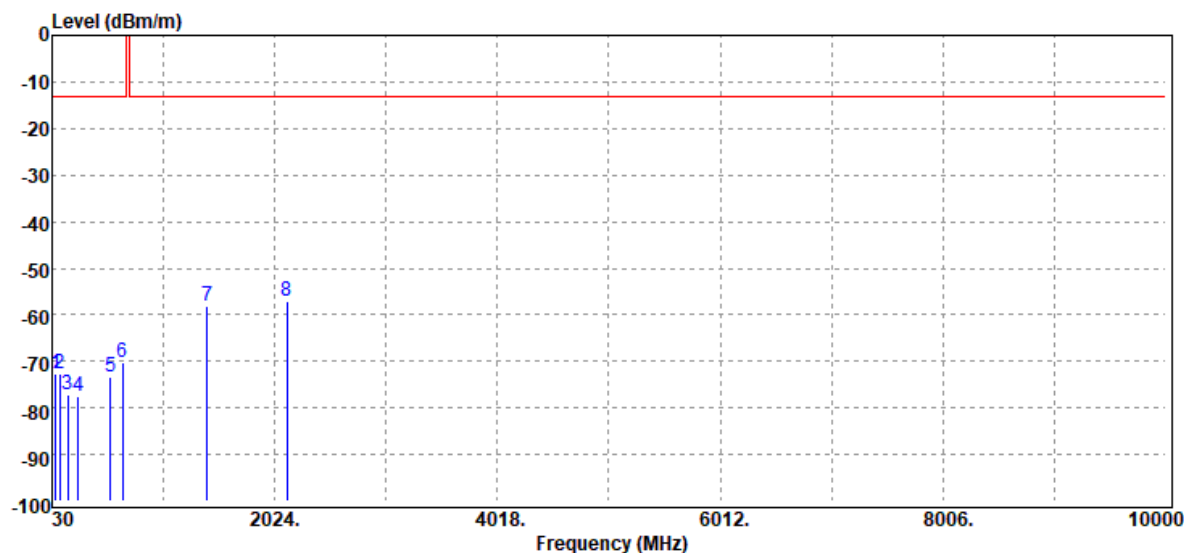
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Member of SGS Group

Report Number :ER/2021/20010
 Operation Mode :LTE B12
 Test Mode :Tx CH High
 EUT Pol :H Plane
 Test Frequency :711 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-72.71	-62.38	-9.60	-0.73	-13.00	-59.71
100.81	-72.61	-70.76	-0.83	-1.02	-13.00	-59.61
168.71	-77.09	-75.42	-0.41	-1.26	-13.00	-64.09
260.86	-77.50	-80.22	4.37	-1.65	-13.00	-64.50
553.80	-73.43	-75.28	4.25	-2.40	-13.00	-60.43
660.50	-70.11	-71.38	3.68	-2.41	-13.00	-57.11
1422.00	-58.25	-62.16	7.78	-3.87	-13.00	-45.25
2133.00	-56.99	-61.68	9.50	-4.81	-13.00	-43.99

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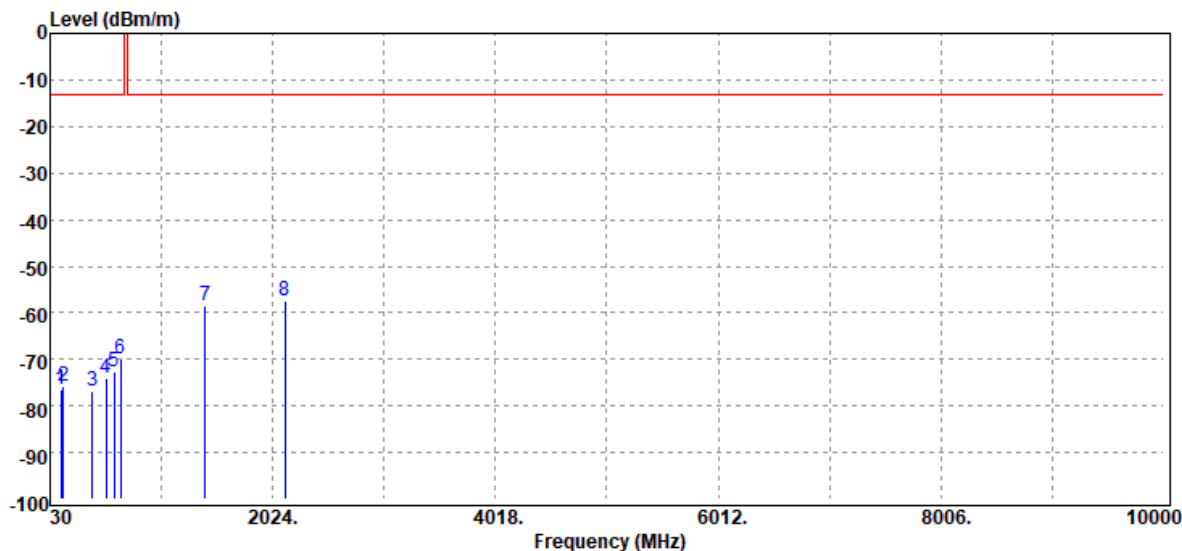
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Report Number :ER/2021/20010
Operation Mode :LTE B12
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :711 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
124.09	-76.31	-73.31	-1.85	-1.15	-13.00	-63.31
148.34	-75.89	-72.96	-1.76	-1.17	-13.00	-62.89
410.24	-76.94	-79.53	4.43	-1.84	-13.00	-63.94
534.40	-74.05	-76.14	4.24	-2.15	-13.00	-61.05
600.36	-72.68	-73.68	3.64	-2.64	-13.00	-59.68
660.50	-69.85	-71.12	3.68	-2.41	-13.00	-56.85
1422.00	-58.41	-62.32	7.78	-3.87	-13.00	-45.41
2133.00	-57.56	-62.25	9.50	-4.81	-13.00	-44.56

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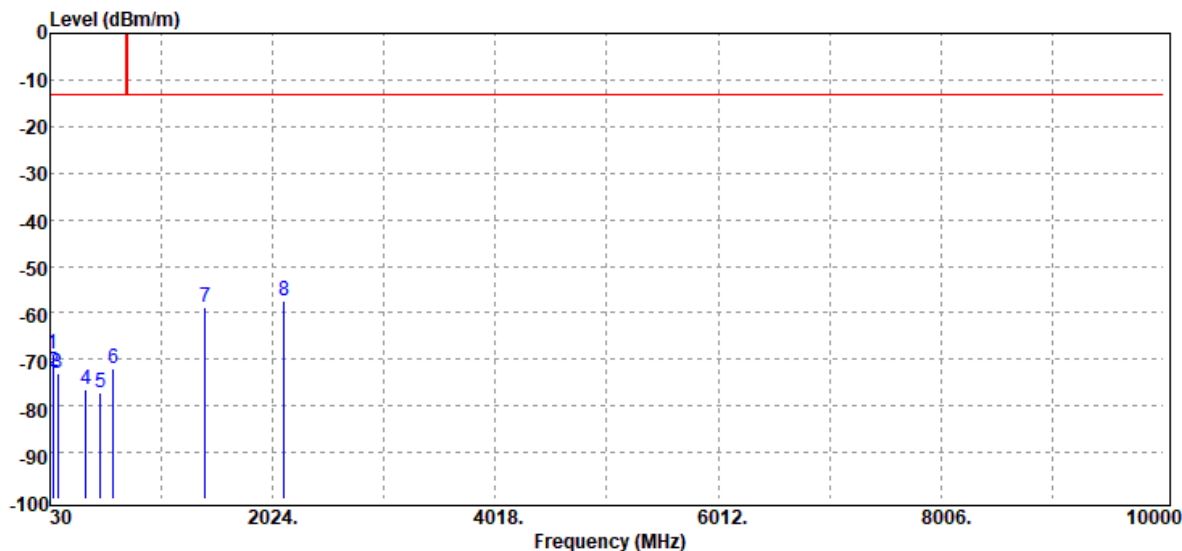
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B17
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :709 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
56.19	-68.95	-57.82	-10.41	-0.72	-13.00	-55.95
61.04	-72.81	-62.76	-9.30	-0.75	-13.00	-59.81
100.81	-72.86	-71.01	-0.83	-1.02	-13.00	-59.86
350.10	-76.60	-79.13	4.56	-2.03	-13.00	-63.60
480.08	-77.11	-78.88	4.21	-2.44	-13.00	-64.11
595.51	-71.88	-72.99	3.76	-2.65	-13.00	-58.88
1418.00	-58.82	-62.70	7.75	-3.87	-13.00	-45.82
2127.00	-57.58	-62.35	9.57	-4.80	-13.00	-44.58

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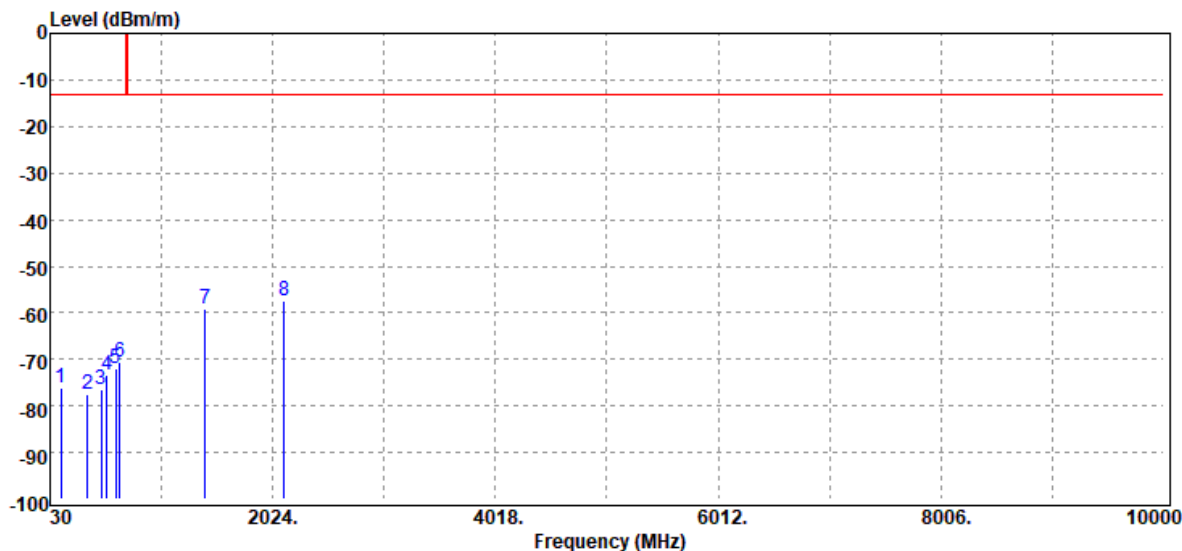
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Report Number :ER/2021/20010
Operation Mode :LTE B17
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :709 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
129.91	-76.10	-72.80	-2.13	-1.17	-13.00	-63.10
364.65	-77.44	-79.91	4.43	-1.96	-13.00	-64.44
490.75	-76.42	-78.43	4.27	-2.26	-13.00	-63.42
541.19	-73.40	-75.43	4.38	-2.35	-13.00	-60.40
614.91	-72.03	-73.09	3.46	-2.40	-13.00	-59.03
657.59	-70.60	-71.85	3.64	-2.39	-13.00	-57.60
1418.00	-59.10	-62.98	7.75	-3.87	-13.00	-46.10
2127.00	-57.55	-62.32	9.57	-4.80	-13.00	-44.55

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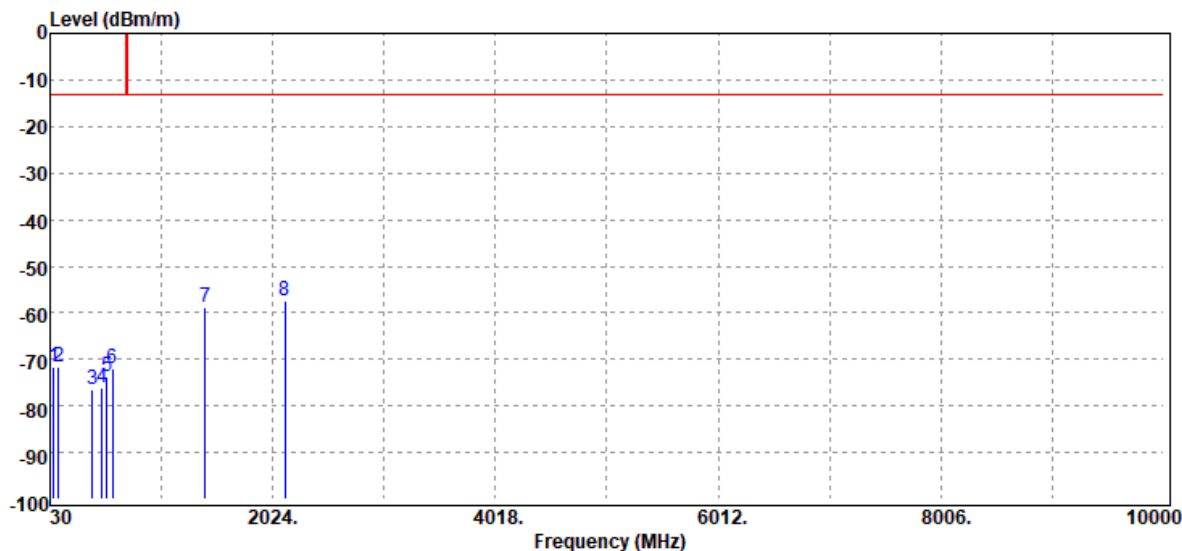
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Report Number :ER/2021/20010
Operation Mode :LTE B17
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :710 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.76	-61.71	-9.30	-0.75	-13.00	-58.76
102.75	-71.51	-69.40	-1.08	-1.03	-13.00	-58.51
410.24	-76.57	-79.16	4.43	-1.84	-13.00	-63.57
495.60	-76.23	-78.06	4.18	-2.35	-13.00	-63.23
537.31	-73.60	-75.67	4.33	-2.26	-13.00	-60.60
589.69	-71.86	-73.01	3.80	-2.65	-13.00	-58.86
1420.00	-58.96	-62.85	7.76	-3.87	-13.00	-45.96
2130.00	-57.50	-62.23	9.54	-4.81	-13.00	-44.50

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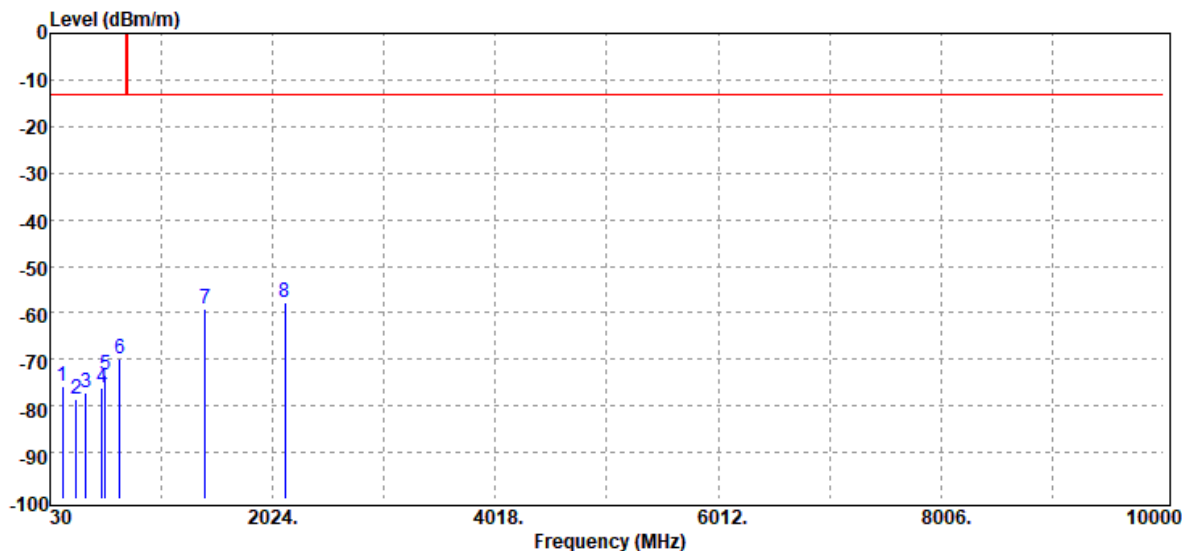
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Report Number :ER/2021/20010
Operation Mode :LTE B17
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :710 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
144.46	-75.88	-72.71	-1.93	-1.24	-13.00	-62.88
262.80	-78.44	-81.15	4.36	-1.65	-13.00	-65.44
350.10	-77.10	-79.63	4.56	-2.03	-13.00	-64.10
497.54	-76.29	-78.13	4.22	-2.38	-13.00	-63.29
527.61	-73.36	-75.50	4.17	-2.03	-13.00	-60.36
657.59	-69.78	-71.03	3.64	-2.39	-13.00	-56.78
1420.00	-59.22	-63.11	7.76	-3.87	-13.00	-46.22
2130.00	-57.79	-62.52	9.54	-4.81	-13.00	-44.79

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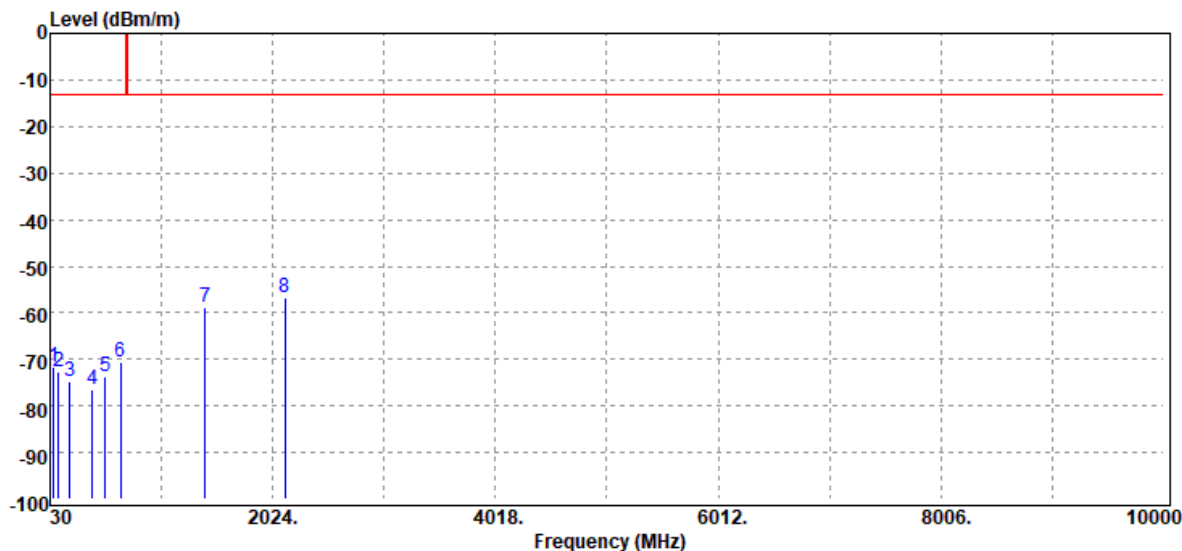
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Report Number :ER/2021/20010
Operation Mode :LTE B17
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :711 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.71	-61.66	-9.30	-0.75	-13.00	-58.71
102.75	-72.80	-70.69	-1.08	-1.03	-13.00	-59.80
207.51	-74.75	-77.91	4.62	-1.46	-13.00	-61.75
410.24	-76.35	-78.94	4.43	-1.84	-13.00	-63.35
522.76	-73.78	-75.79	4.15	-2.14	-13.00	-60.78
659.53	-70.48	-71.76	3.66	-2.38	-13.00	-57.48
1422.00	-58.98	-62.89	7.78	-3.87	-13.00	-45.98
2133.00	-56.74	-61.43	9.50	-4.81	-13.00	-43.74

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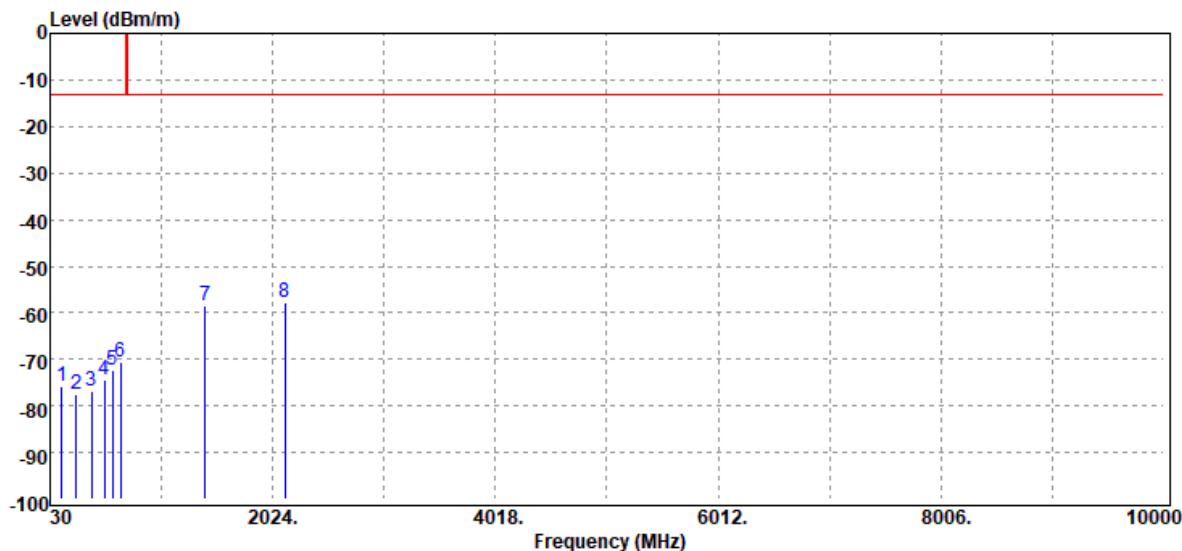
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Report Number :ER/2021/20010
Operation Mode :LTE B17
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :711 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
133.79	-75.73	-72.45	-2.05	-1.23	-13.00	-62.73
262.80	-77.61	-80.32	4.36	-1.65	-13.00	-64.61
398.60	-76.94	-79.14	4.32	-2.12	-13.00	-63.94
515.00	-74.43	-76.43	4.12	-2.12	-13.00	-61.43
592.60	-72.29	-73.42	3.78	-2.65	-13.00	-59.29
659.53	-70.63	-71.91	3.66	-2.38	-13.00	-57.63
1422.00	-58.64	-62.55	7.78	-3.87	-13.00	-45.64
2133.00	-57.83	-62.52	9.50	-4.81	-13.00	-44.83

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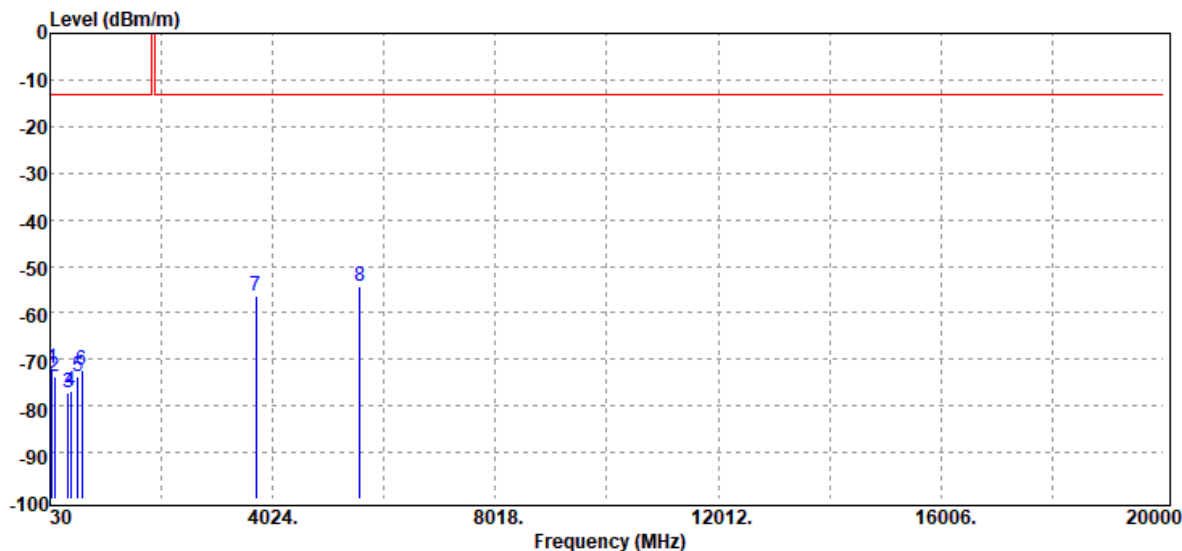
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Report Number :ER/2021/20010
Operation Mode :LTE B25
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1860 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.00	-61.95	-9.30	-0.75	-13.00	-59.00
102.75	-73.77	-71.66	-1.08	-1.03	-13.00	-60.77
359.80	-77.21	-79.78	4.51	-1.94	-13.00	-64.21
398.60	-76.92	-79.12	4.32	-2.12	-13.00	-63.92
524.70	-73.55	-75.63	4.18	-2.10	-13.00	-60.55
600.36	-72.23	-73.23	3.64	-2.64	-13.00	-59.23
3720.00	-56.39	-61.17	12.34	-7.56	-13.00	-43.39
5580.00	-54.48	-58.02	12.96	-9.42	-13.00	-41.48

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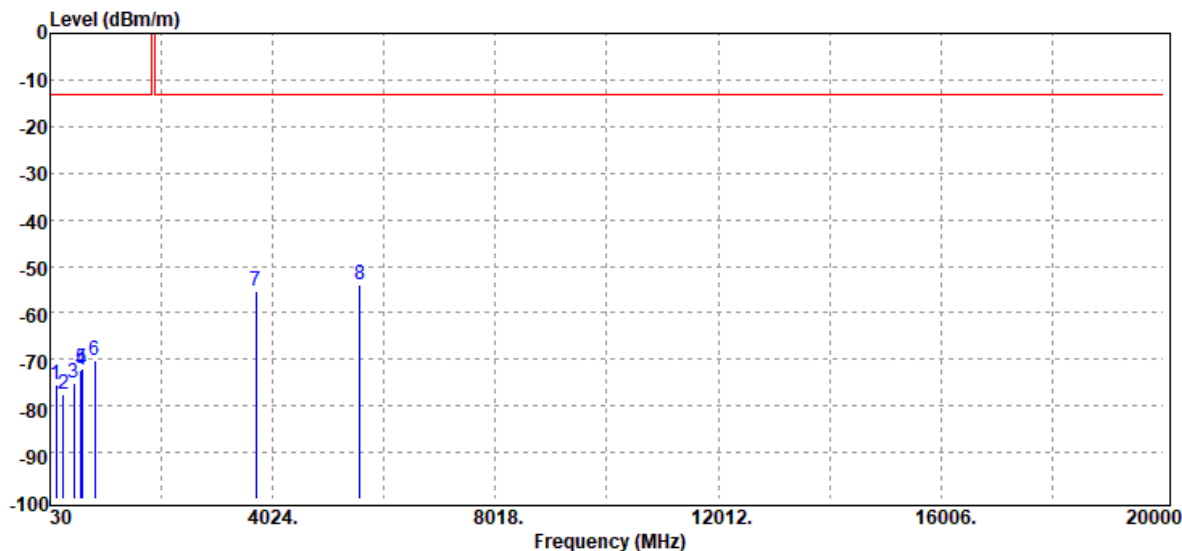
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Report Number :ER/2021/20010
Operation Mode :LTE B25
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1860 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
133.79	-75.51	-72.23	-2.05	-1.23	-13.00	-62.51
264.74	-77.52	-80.22	4.35	-1.65	-13.00	-64.52
454.86	-75.19	-77.06	4.14	-2.27	-13.00	-62.19
587.75	-72.39	-73.54	3.81	-2.66	-13.00	-59.39
595.51	-72.14	-73.25	3.76	-2.65	-13.00	-59.14
830.25	-70.22	-71.89	4.56	-2.89	-13.00	-57.22
3720.00	-55.43	-60.21	12.34	-7.56	-13.00	-42.43
5580.00	-54.01	-57.55	12.96	-9.42	-13.00	-41.01

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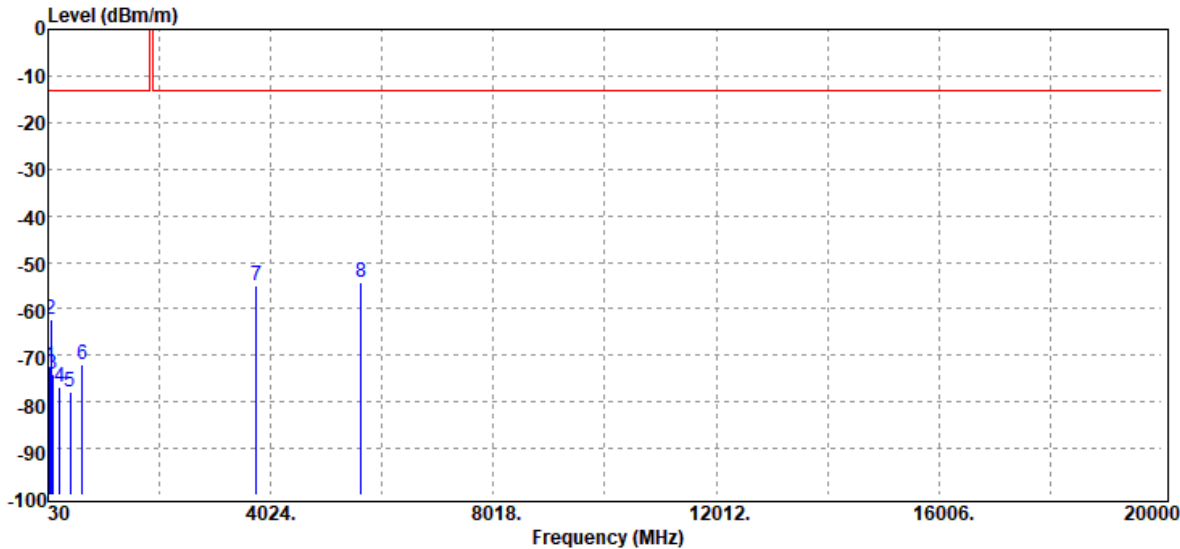
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Report Number :ER/2021/20010
Operation Mode :LTE B25
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1882.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-72.37	-62.04	-9.60	-0.73	-13.00	-59.37
78.50	-62.39	-57.98	-3.52	-0.89	-13.00	-49.39
102.75	-74.03	-71.92	-1.08	-1.03	-13.00	-61.03
238.55	-76.98	-79.79	4.42	-1.61	-13.00	-63.98
432.55	-77.70	-79.59	3.95	-2.06	-13.00	-64.70
639.16	-71.97	-73.28	3.49	-2.18	-13.00	-58.97
3765.00	-55.14	-59.90	12.40	-7.64	-13.00	-42.14
5647.50	-54.26	-58.05	13.00	-9.21	-13.00	-41.26

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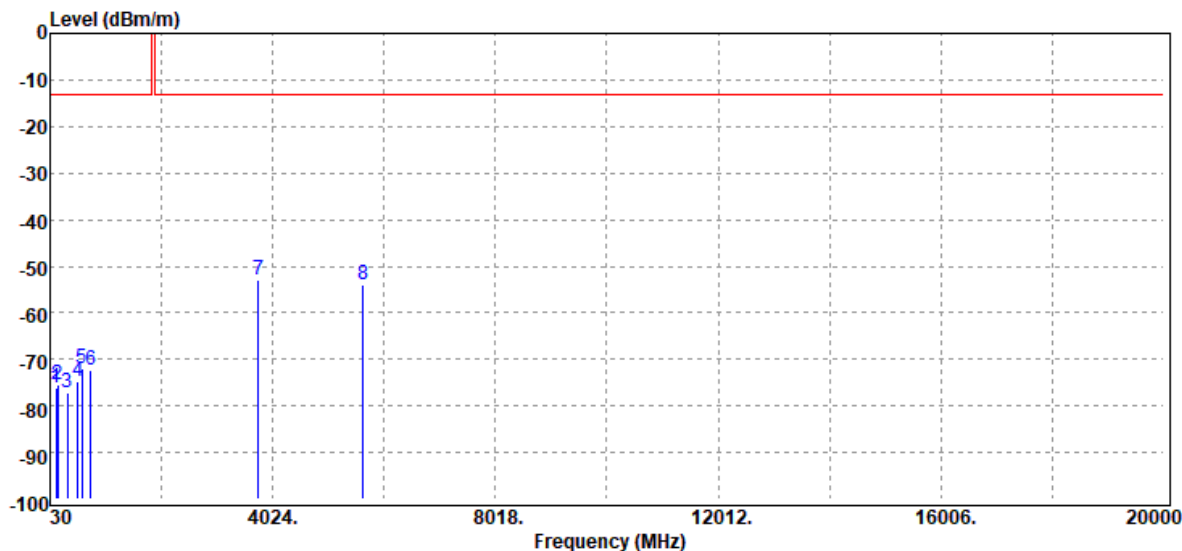
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Report Number :ER/2021/20010
Operation Mode :LTE B25
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1882.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.76	-75.96	-72.62	-2.10	-1.24	-13.00	-62.96
163.86	-75.59	-73.41	-0.93	-1.25	-13.00	-62.59
337.49	-77.32	-79.73	4.30	-1.89	-13.00	-64.32
529.55	-74.88	-77.06	4.17	-1.99	-13.00	-61.88
604.24	-71.83	-72.87	3.62	-2.58	-13.00	-58.83
757.50	-72.34	-72.85	2.97	-2.46	-13.00	-59.34
3765.00	-52.91	-57.67	12.40	-7.64	-13.00	-39.91
5647.50	-54.11	-57.90	13.00	-9.21	-13.00	-41.11

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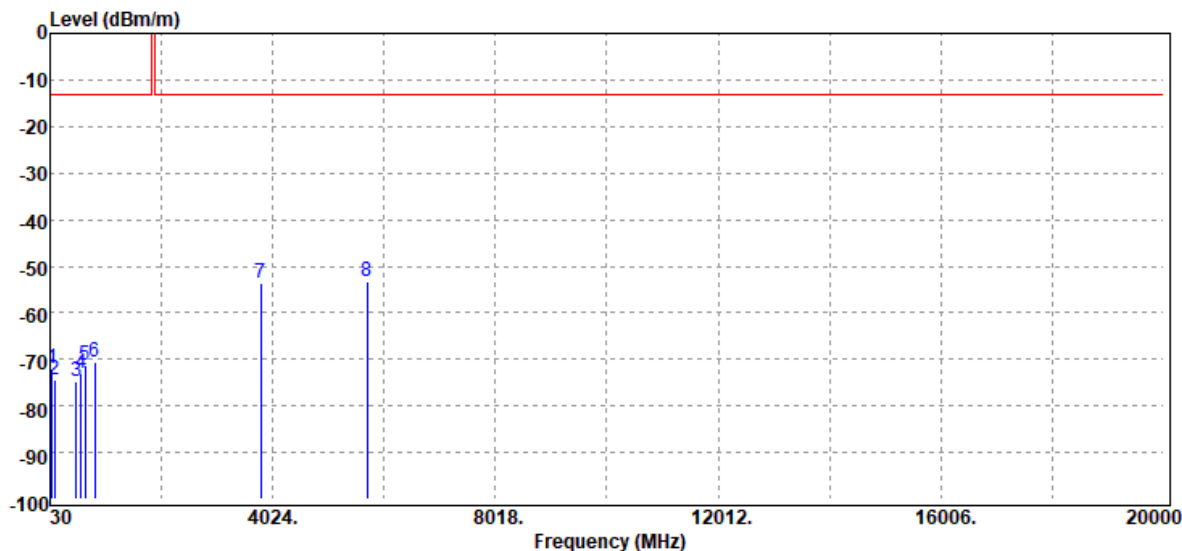
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Report Number :ER/2021/20010
Operation Mode :LTE B25
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1905 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.08	-62.03	-9.30	-0.75	-13.00	-59.08
102.75	-74.32	-72.21	-1.08	-1.03	-13.00	-61.32
492.69	-74.90	-76.83	4.22	-2.29	-13.00	-61.90
584.84	-72.97	-74.12	3.83	-2.68	-13.00	-59.97
665.35	-71.41	-72.33	3.73	-2.81	-13.00	-58.41
825.40	-70.42	-71.84	4.42	-3.00	-13.00	-57.42
3810.00	-53.49	-58.20	12.38	-7.67	-13.00	-40.49
5715.00	-53.44	-57.17	12.80	-9.07	-13.00	-40.44

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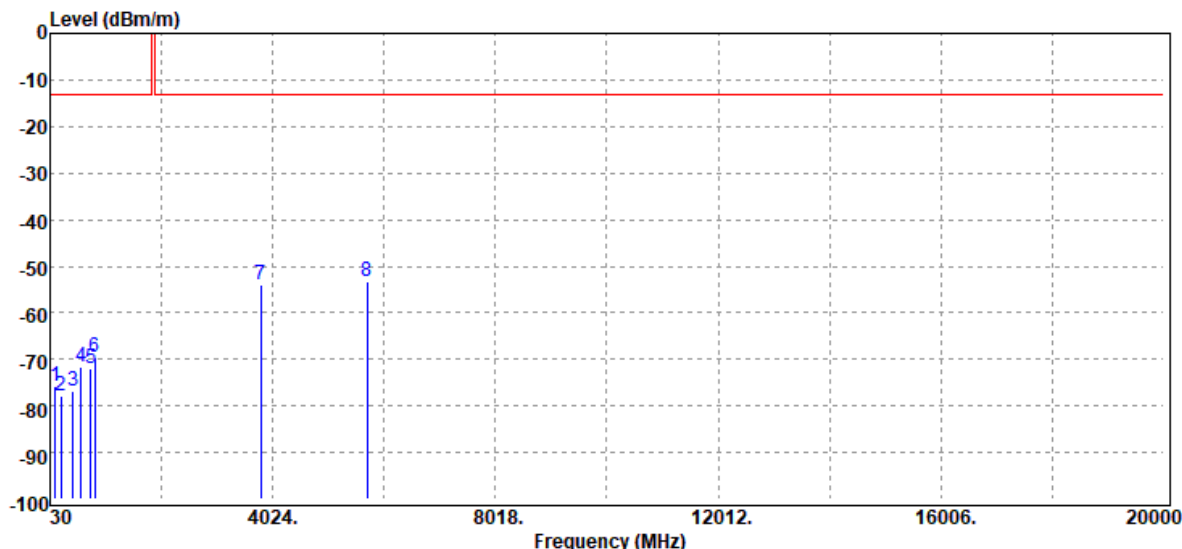
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Report Number :ER/2021/20010
Operation Mode :LTE B25
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1905 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
119.24	-75.66	-72.72	-1.82	-1.12	-13.00	-62.66
230.79	-77.97	-81.14	4.76	-1.59	-13.00	-64.97
440.31	-76.97	-78.81	4.06	-2.22	-13.00	-63.97
587.75	-71.63	-72.78	3.81	-2.66	-13.00	-58.63
755.56	-71.98	-72.46	2.95	-2.47	-13.00	-58.98
835.10	-69.72	-71.34	4.61	-2.99	-13.00	-56.72
3810.00	-53.91	-58.62	12.38	-7.67	-13.00	-40.91
5715.00	-53.29	-57.02	12.80	-9.07	-13.00	-40.29

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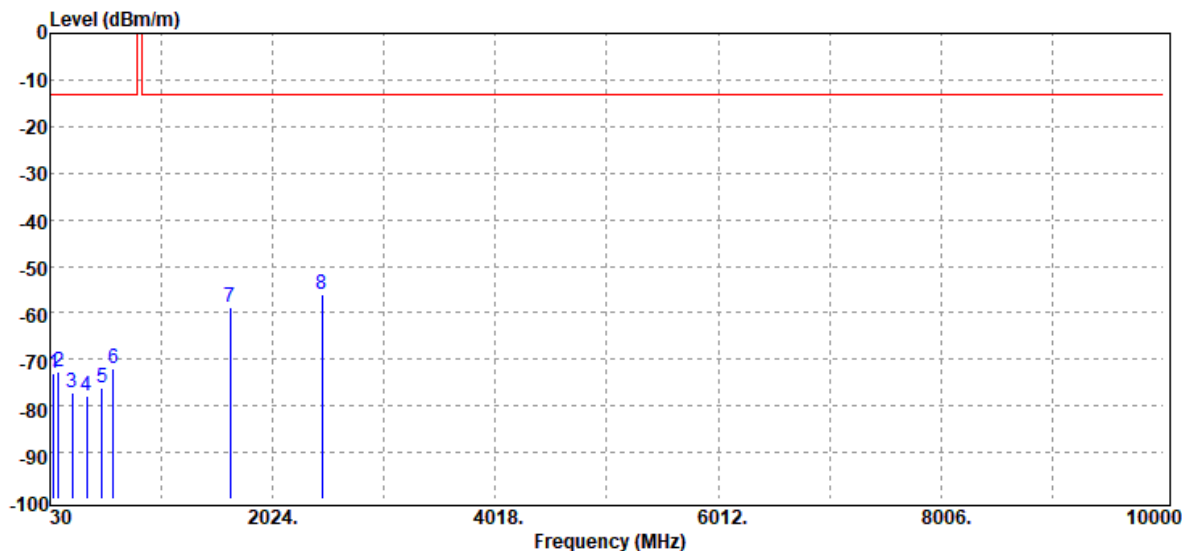
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Report Number :ER/2021/20010
Operation Mode :LTE B26
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :821.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-73.00	-62.67	-9.60	-0.73	-13.00	-60.00
102.75	-72.70	-70.59	-1.08	-1.03	-13.00	-59.70
228.85	-77.33	-80.61	4.86	-1.58	-13.00	-64.33
356.89	-77.75	-80.27	4.49	-1.97	-13.00	-64.75
498.51	-76.07	-77.90	4.23	-2.40	-13.00	-63.07
594.54	-72.01	-73.13	3.77	-2.65	-13.00	-59.01
1643.00	-58.92	-64.16	9.49	-4.25	-13.00	-45.92
2464.50	-55.90	-61.27	10.53	-5.16	-13.00	-42.90

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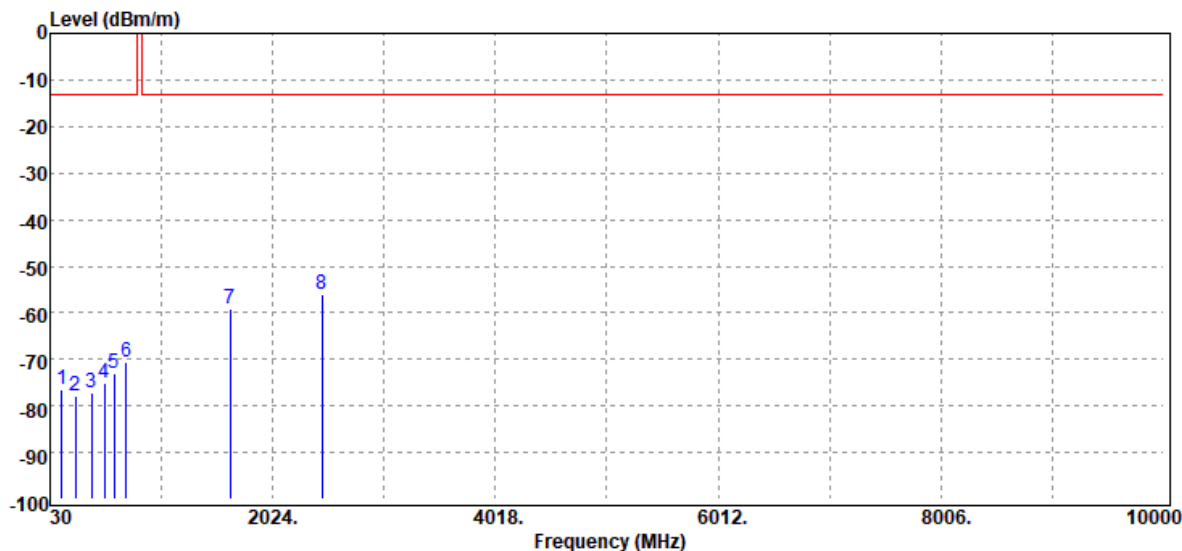
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :LTE B26
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :821.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
132.82	-76.30	-73.12	-1.97	-1.21	-13.00	-63.30
257.95	-77.85	-80.57	4.35	-1.63	-13.00	-64.85
403.45	-77.30	-79.60	4.33	-2.03	-13.00	-64.30
519.85	-75.08	-76.98	4.10	-2.20	-13.00	-62.08
600.36	-72.96	-73.96	3.64	-2.64	-13.00	-59.96
709.00	-70.45	-70.91	3.43	-2.97	-13.00	-57.45
1643.00	-59.30	-64.54	9.49	-4.25	-13.00	-46.30
2464.50	-55.91	-61.28	10.53	-5.16	-13.00	-42.91

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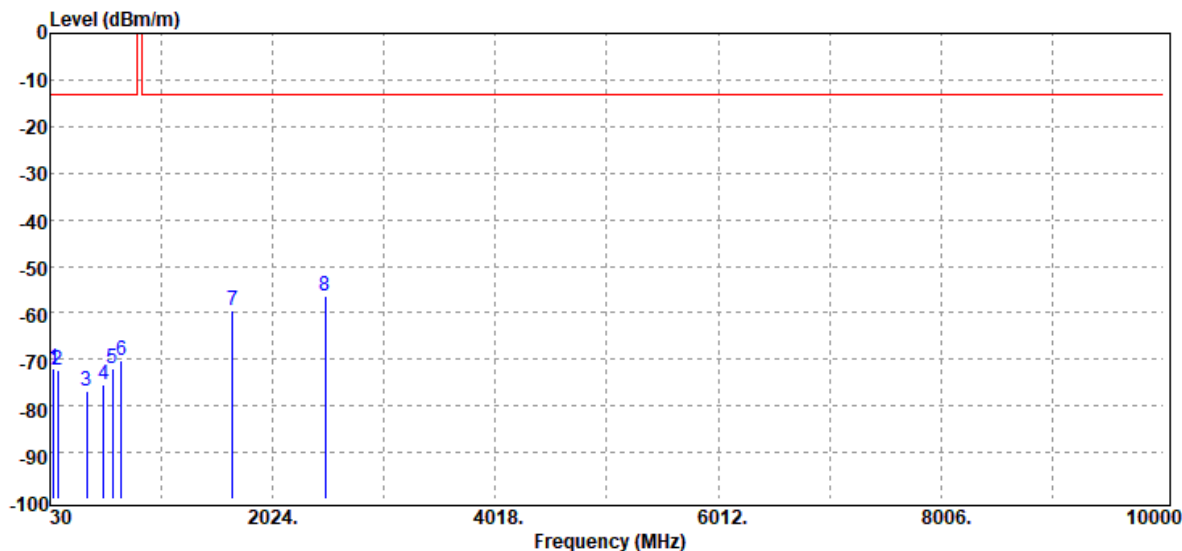
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B26
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :831.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-72.14	-61.81	-9.60	-0.73	-13.00	-59.14
100.81	-72.26	-70.41	-0.83	-1.02	-13.00	-59.26
356.89	-76.92	-79.44	4.49	-1.97	-13.00	-63.92
509.18	-75.47	-77.53	4.13	-2.07	-13.00	-62.47
590.66	-71.90	-73.04	3.79	-2.65	-13.00	-58.90
665.35	-70.34	-71.26	3.73	-2.81	-13.00	-57.34
1663.00	-59.61	-64.87	9.53	-4.27	-13.00	-46.61
2494.50	-56.37	-61.78	10.59	-5.18	-13.00	-43.37

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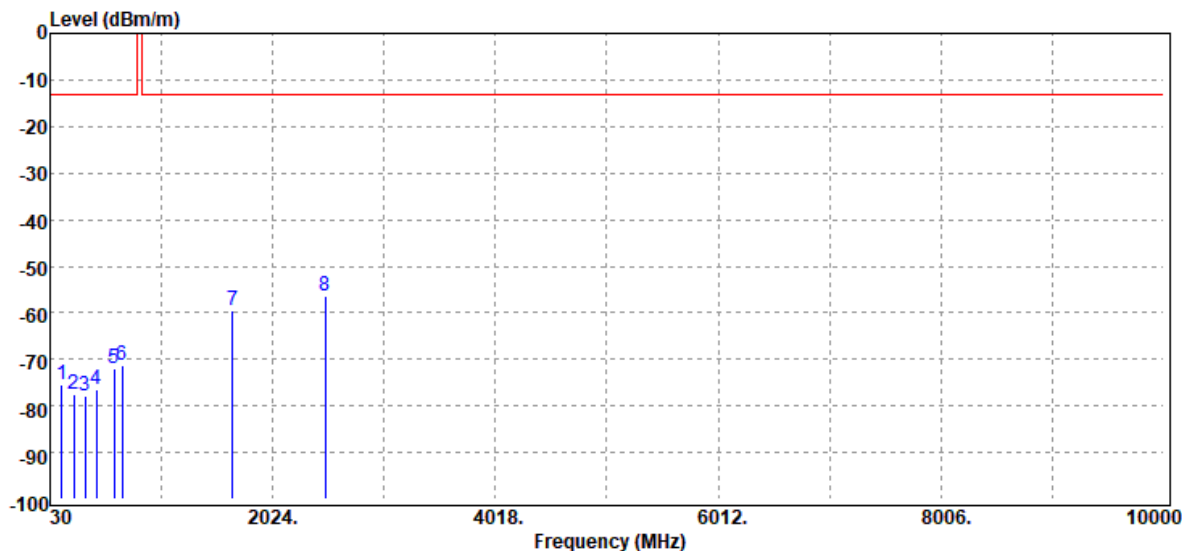
f (886-2) 2298-0488

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Report Number :ER/2021/20010
 Operation Mode :LTE B26
 Test Mode :Tx CH Mid
 EUT Pol :H Plane
 Test Frequency :831.5 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
136.70	-75.47	-72.23	-1.97	-1.27	-13.00	-62.47
240.49	-77.50	-80.27	4.38	-1.61	-13.00	-64.50
342.34	-77.68	-80.13	4.37	-1.92	-13.00	-64.68
442.25	-76.39	-78.27	4.09	-2.21	-13.00	-63.39
604.24	-72.13	-73.17	3.62	-2.58	-13.00	-59.13
676.99	-71.39	-72.29	3.85	-2.95	-13.00	-58.39
1663.00	-59.38	-64.64	9.53	-4.27	-13.00	-46.38
2494.50	-56.38	-61.79	10.59	-5.18	-13.00	-43.38

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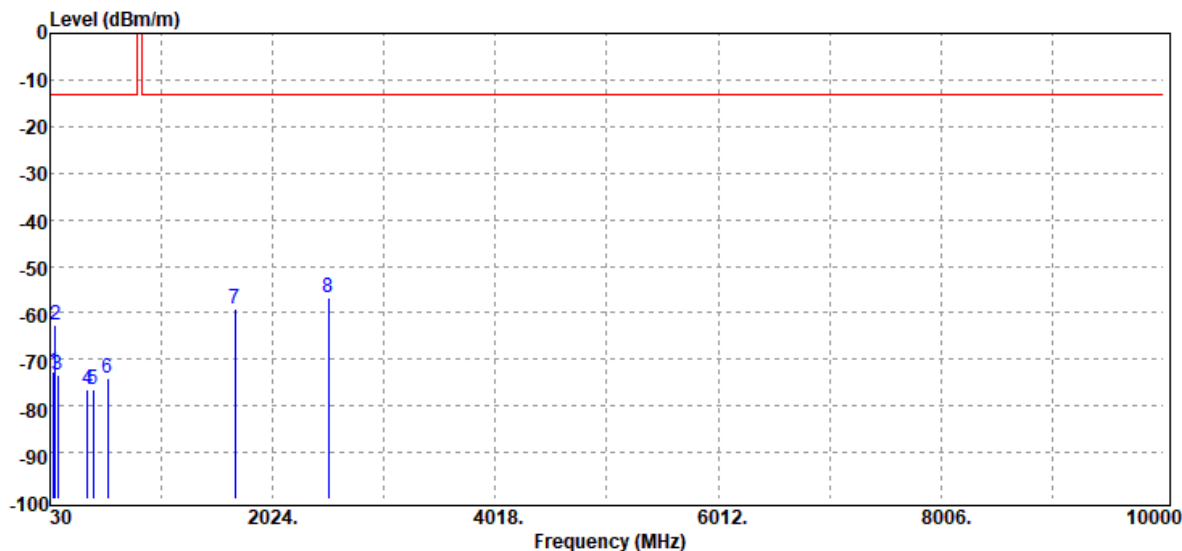
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
 Operation Mode :LTE B26
 Test Mode :Tx CH High
 EUT Pol :H Plane
 Test Frequency :841.5 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.78	-62.73	-9.30	-0.75	-13.00	-59.78
73.65	-62.49	-56.21	-5.42	-0.86	-13.00	-49.49
100.81	-73.19	-71.34	-0.83	-1.02	-13.00	-60.19
364.65	-76.60	-79.07	4.43	-1.96	-13.00	-63.60
415.09	-76.60	-79.07	4.34	-1.87	-13.00	-63.60
547.01	-74.11	-76.01	4.20	-2.30	-13.00	-61.11
1683.00	-59.29	-64.56	9.57	-4.30	-13.00	-46.29
2524.50	-56.86	-62.30	10.65	-5.21	-13.00	-43.86

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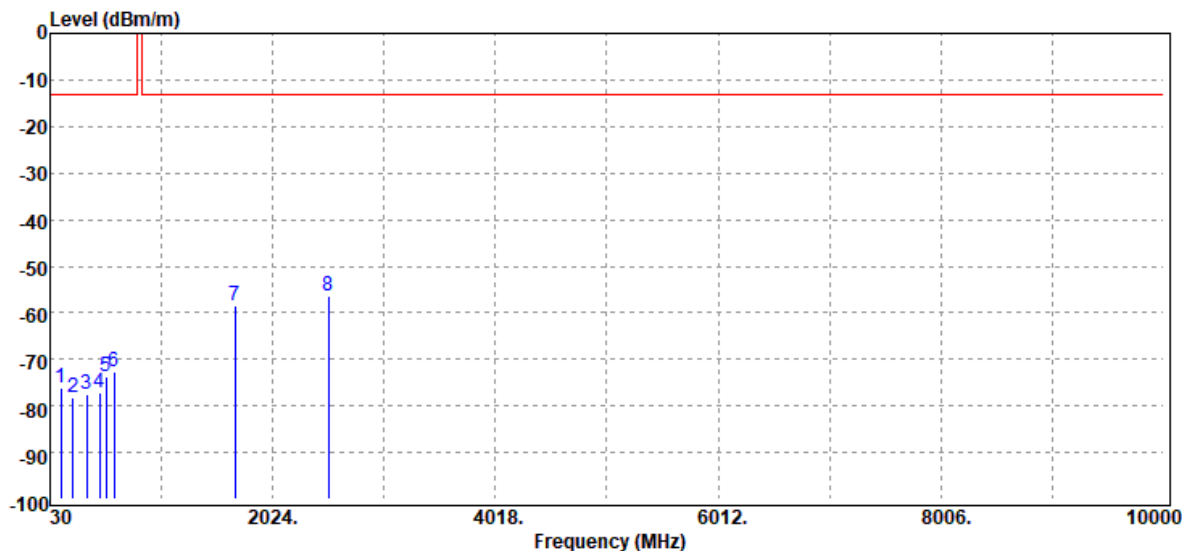
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Report Number :ER/2021/20010
Operation Mode :LTE B26
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :841.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
124.09	-76.09	-73.09	-1.85	-1.15	-13.00	-63.09
238.55	-78.23	-81.04	4.42	-1.61	-13.00	-65.23
355.92	-77.44	-79.95	4.49	-1.98	-13.00	-64.44
471.35	-77.11	-78.97	4.15	-2.29	-13.00	-64.11
532.46	-73.61	-75.75	4.21	-2.07	-13.00	-60.61
602.30	-72.51	-73.53	3.63	-2.61	-13.00	-59.51
1683.00	-58.58	-63.85	9.57	-4.30	-13.00	-45.58
2524.50	-56.26	-61.70	10.65	-5.21	-13.00	-43.26

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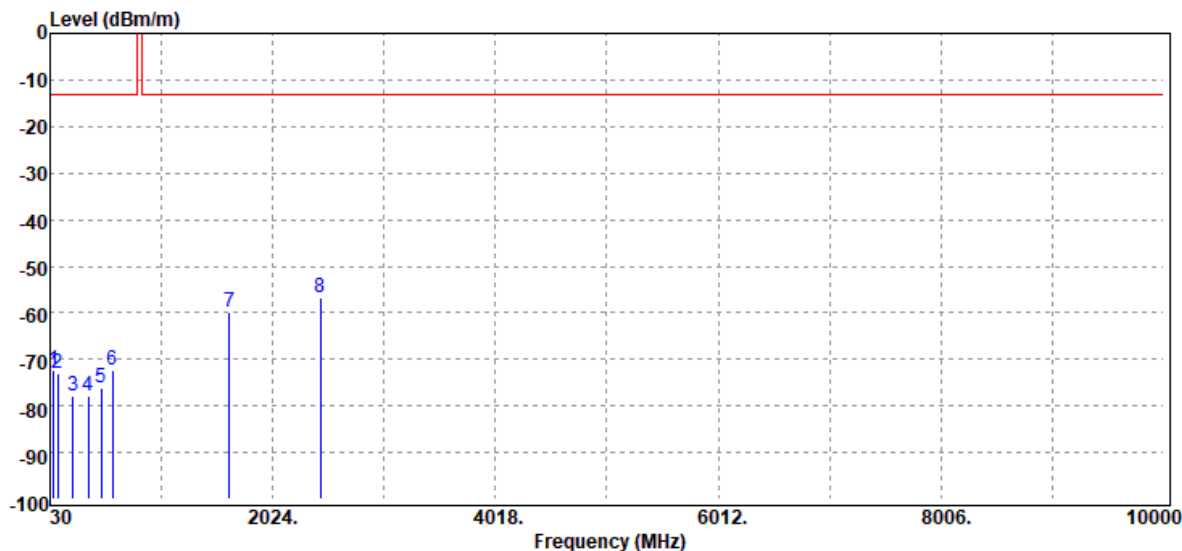
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Report Number :ER/2021/20010
Operation Mode :LTE B26 Part 90
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :816.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.42	-62.37	-9.30	-0.75	-13.00	-59.42
100.81	-73.05	-71.20	-0.83	-1.02	-13.00	-60.05
238.55	-77.93	-80.74	4.42	-1.61	-13.00	-64.93
374.35	-77.90	-80.26	4.36	-2.00	-13.00	-64.90
490.75	-76.08	-78.09	4.27	-2.26	-13.00	-63.08
590.66	-72.21	-73.35	3.79	-2.65	-13.00	-59.21
1633.00	-59.93	-65.17	9.47	-4.23	-13.00	-46.93
2449.50	-56.63	-61.98	10.50	-5.15	-13.00	-43.63

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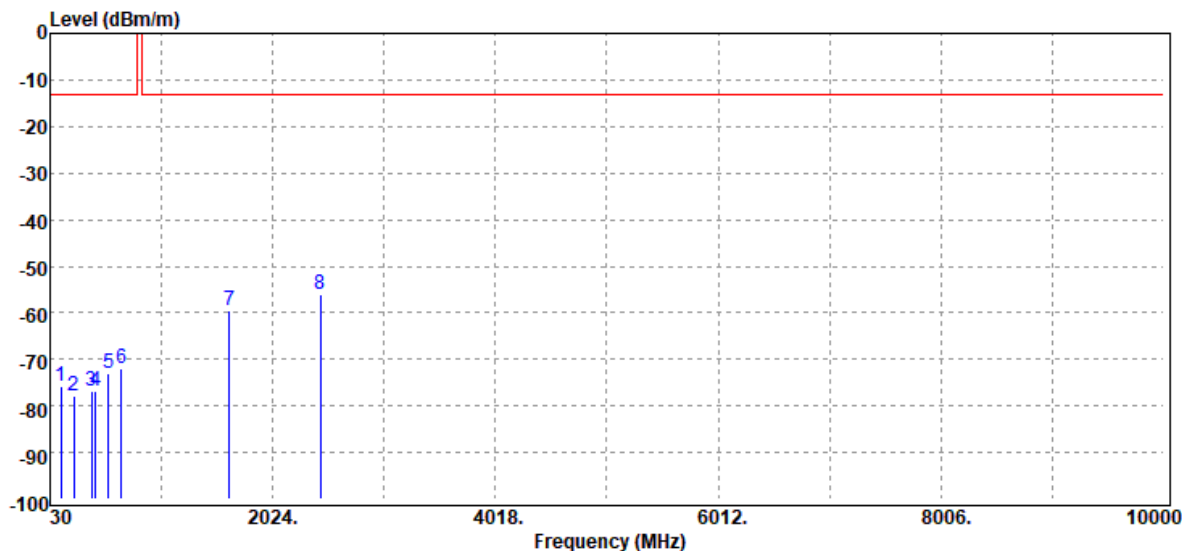
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Report Number :ER/2021/20010
Operation Mode :LTE B26 Part 90
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :816.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
130.88	-75.94	-72.77	-1.99	-1.18	-13.00	-62.94
239.52	-78.02	-80.81	4.40	-1.61	-13.00	-65.02
398.60	-76.85	-79.05	4.32	-2.12	-13.00	-63.85
437.40	-76.69	-78.53	4.00	-2.16	-13.00	-63.69
555.74	-72.99	-74.78	4.26	-2.47	-13.00	-59.99
668.26	-71.99	-72.65	3.71	-3.05	-13.00	-58.99
1633.00	-59.43	-64.67	9.47	-4.23	-13.00	-46.43
2449.50	-56.17	-61.52	10.50	-5.15	-13.00	-43.17

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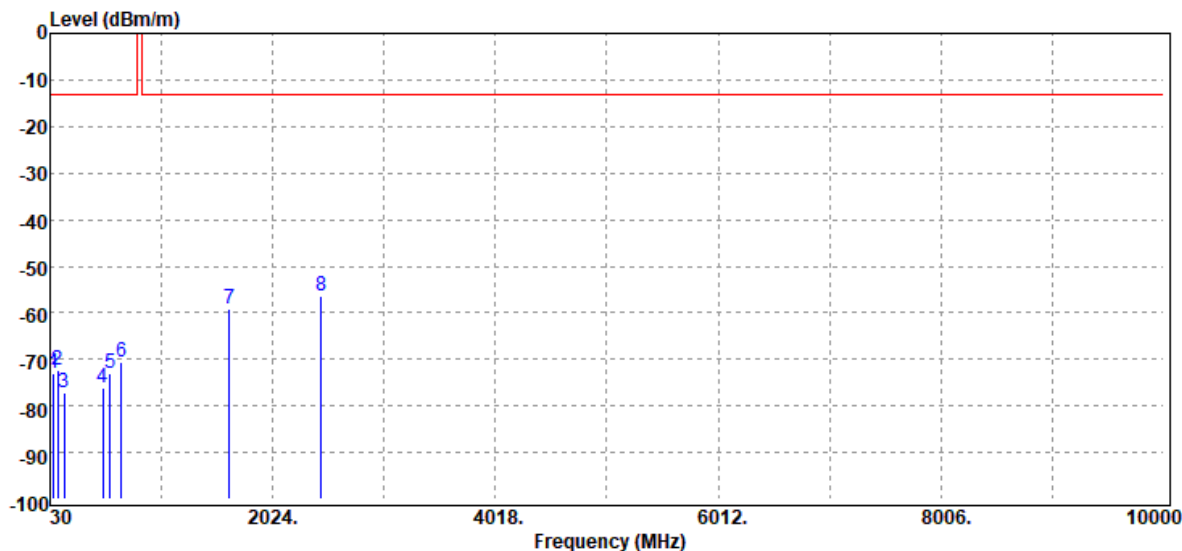
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Report Number :ER/2021/20010
Operation Mode :LTE B26 Part 90
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :819 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-73.17	-63.12	-9.30	-0.75	-13.00	-60.17
100.81	-72.35	-70.50	-0.83	-1.02	-13.00	-59.35
153.19	-77.18	-74.58	-1.42	-1.18	-13.00	-64.18
500.45	-76.02	-77.86	4.25	-2.41	-13.00	-63.02
570.29	-72.98	-74.45	4.09	-2.62	-13.00	-59.98
667.29	-70.56	-71.31	3.72	-2.97	-13.00	-57.56
1638.00	-59.04	-64.28	9.48	-4.24	-13.00	-46.04
2457.00	-56.24	-61.60	10.51	-5.15	-13.00	-43.24

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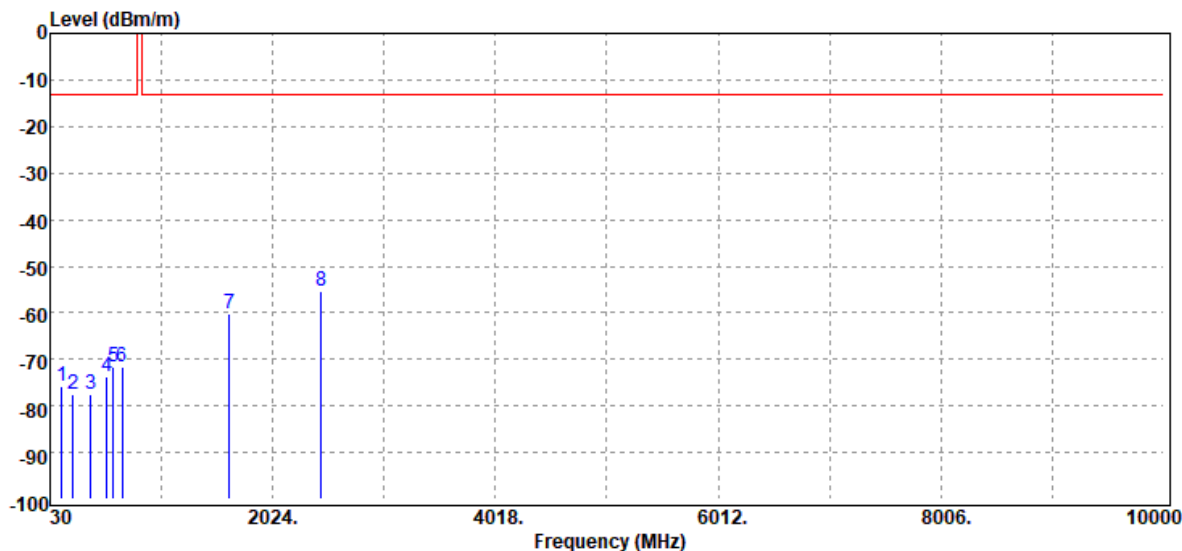
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Report Number :ER/2021/20010
Operation Mode :LTE B26 Part 90
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :819 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
131.85	-75.76	-72.47	-2.09	-1.20	-13.00	-62.76
236.61	-77.51	-80.36	4.46	-1.61	-13.00	-64.51
391.81	-77.48	-79.79	4.37	-2.06	-13.00	-64.48
537.31	-73.67	-75.74	4.33	-2.26	-13.00	-60.67
595.51	-71.70	-72.81	3.76	-2.65	-13.00	-58.70
673.11	-71.63	-72.35	3.80	-3.08	-13.00	-58.63
1638.00	-60.24	-65.48	9.48	-4.24	-13.00	-47.24
2457.00	-55.30	-60.66	10.51	-5.15	-13.00	-42.30

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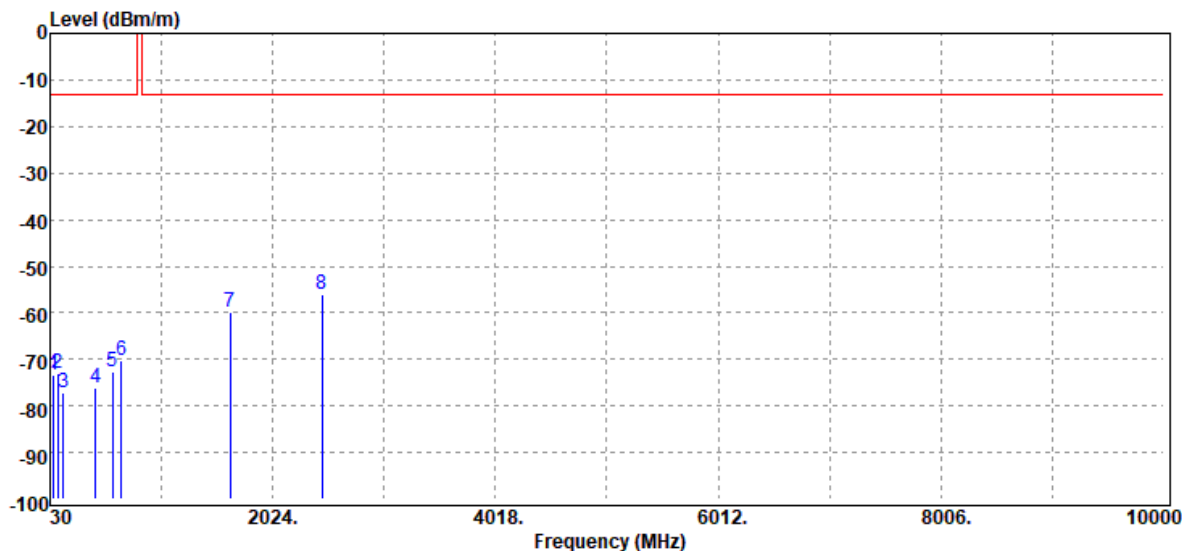
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Report Number :ER/2021/20010
 Operation Mode :LTE B26 Part 90
 Test Mode :Tx CH High
 EUT Pol :H Plane
 Test Frequency :821.5 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-73.22	-63.17	-9.30	-0.75	-13.00	-60.22
100.81	-72.95	-71.10	-0.83	-1.02	-13.00	-59.95
151.25	-77.01	-74.30	-1.55	-1.16	-13.00	-64.01
435.46	-76.16	-78.00	3.96	-2.12	-13.00	-63.16
592.60	-72.83	-73.96	3.78	-2.65	-13.00	-59.83
667.29	-70.26	-71.01	3.72	-2.97	-13.00	-57.26
1643.00	-59.77	-65.01	9.49	-4.25	-13.00	-46.77
2464.50	-56.03	-61.40	10.53	-5.16	-13.00	-43.03

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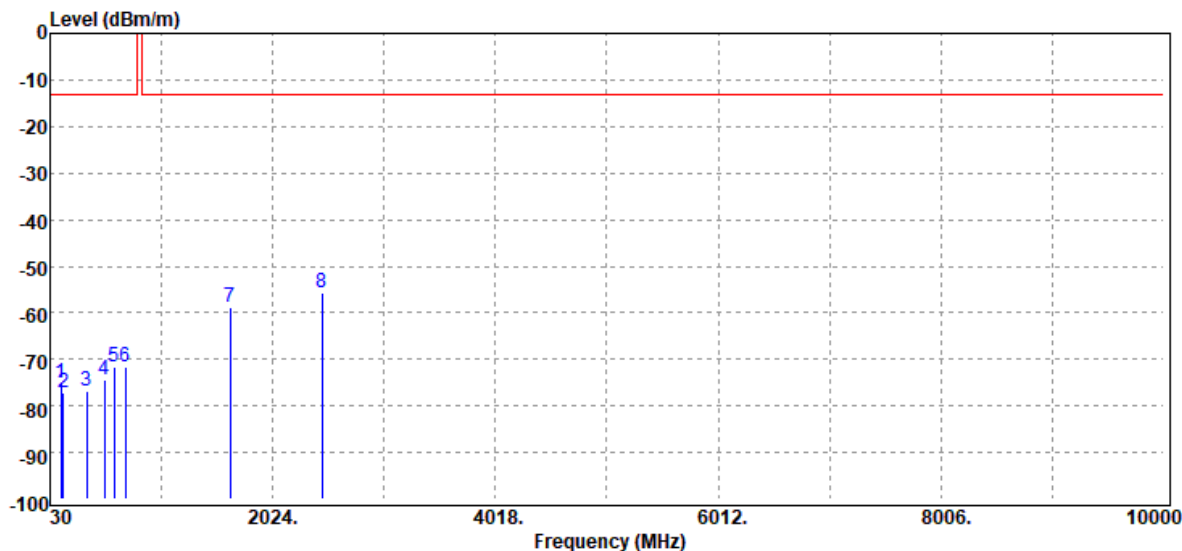
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Report Number :ER/2021/20010
 Operation Mode :LTE B26 Part 90
 Test Mode :Tx CH High
 EUT Pol :H Plane
 Test Frequency :821.5 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
129.91	-75.24	-71.94	-2.13	-1.17	-13.00	-62.24
149.31	-77.16	-74.37	-1.64	-1.15	-13.00	-64.16
359.80	-76.74	-79.31	4.51	-1.94	-13.00	-63.74
516.94	-74.36	-76.32	4.11	-2.15	-13.00	-61.36
602.30	-71.49	-72.51	3.63	-2.61	-13.00	-58.49
704.15	-71.79	-72.50	3.55	-2.84	-13.00	-58.79
1643.00	-58.86	-64.10	9.49	-4.25	-13.00	-45.86
2464.50	-55.85	-61.22	10.53	-5.16	-13.00	-42.85

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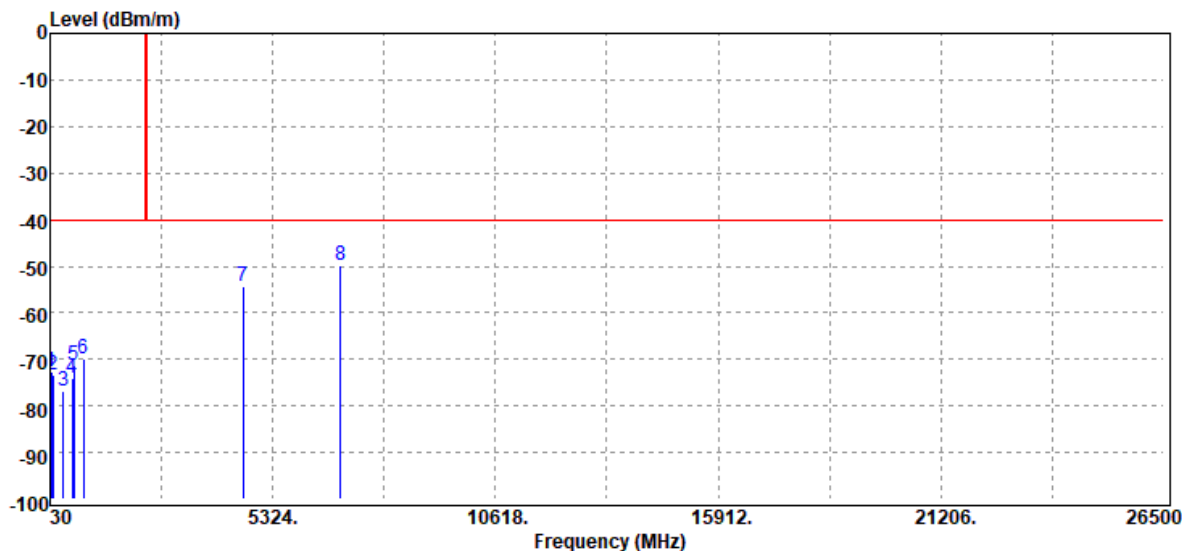
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Report Number :ER/2021/20010
 Operation Mode :LTE B30
 Test Mode :Tx CH Mid
 EUT Pol :H Plane
 Test Frequency :2310 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :VERTICAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.56	-62.51	-9.30	-0.75	-40.00	-32.56
102.75	-73.41	-71.30	-1.08	-1.03	-40.00	-33.41
350.10	-76.73	-79.26	4.56	-2.03	-40.00	-36.73
551.86	-73.89	-75.77	4.22	-2.34	-40.00	-33.89
597.45	-71.41	-72.47	3.71	-2.65	-40.00	-31.41
830.25	-70.06	-71.73	4.56	-2.89	-40.00	-30.06
4620.00	-54.19	-59.52	12.42	-7.09	-40.00	-14.19
6930.00	-49.84	-51.76	11.74	-9.82	-40.00	-9.84

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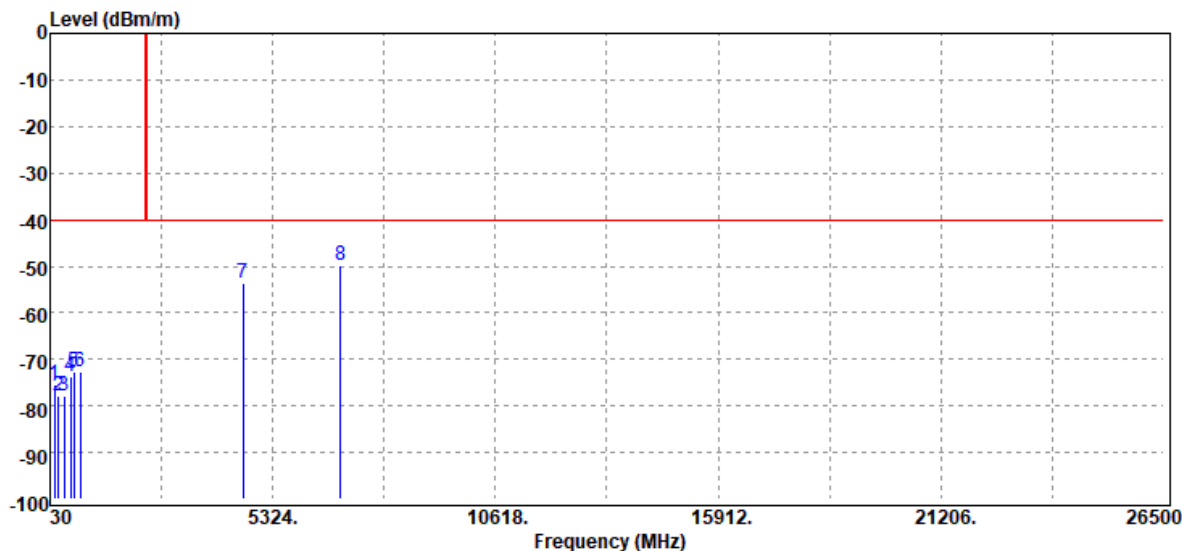
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Report Number :ER/2021/20010
Operation Mode :LTE B30
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :2310 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.76	-75.56	-72.22	-2.10	-1.24	-40.00	-35.56
233.70	-77.96	-80.94	4.58	-1.60	-40.00	-37.96
361.74	-77.75	-80.28	4.48	-1.95	-40.00	-37.75
527.61	-73.63	-75.77	4.17	-2.03	-40.00	-33.63
600.36	-72.72	-73.72	3.64	-2.64	-40.00	-32.72
754.59	-72.77	-73.23	2.93	-2.47	-40.00	-32.77
4620.00	-53.59	-58.92	12.42	-7.09	-40.00	-13.59
6930.00	-49.67	-51.59	11.74	-9.82	-40.00	-9.67

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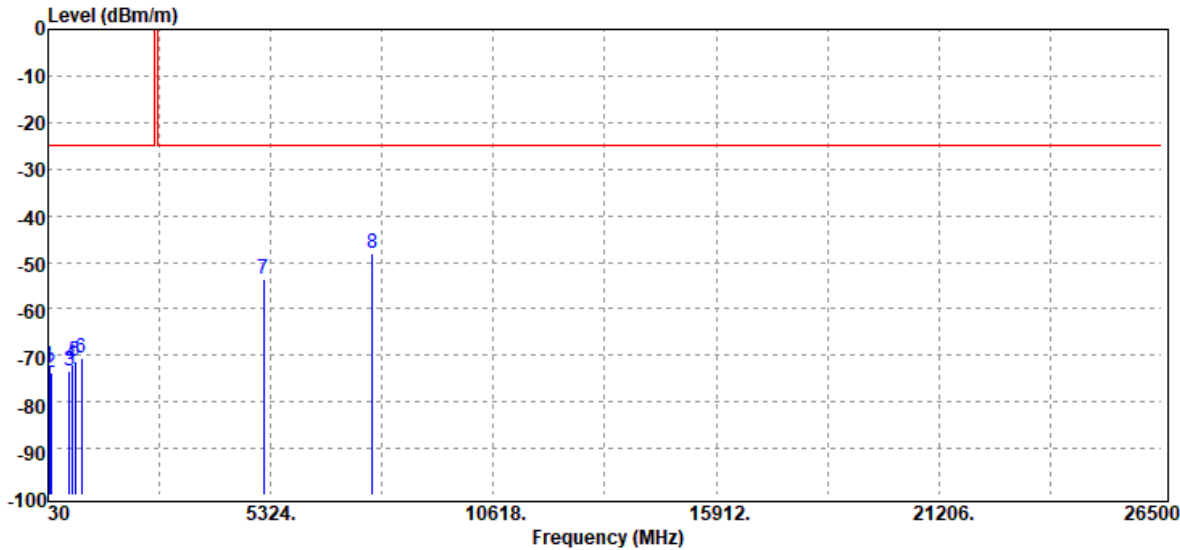
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Report Number :ER/2021/20010
Operation Mode :LTE B38
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :2580 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.32	-62.27	-9.30	-0.75	-25.00	-47.32
104.69	-73.78	-71.45	-1.30	-1.03	-25.00	-48.78
544.10	-73.44	-75.36	4.25	-2.33	-25.00	-48.44
589.69	-71.90	-73.05	3.80	-2.65	-25.00	-46.90
665.35	-71.40	-72.32	3.73	-2.81	-25.00	-46.40
818.61	-70.50	-71.67	4.30	-3.13	-25.00	-45.50
5160.00	-53.50	-57.73	12.16	-7.93	-25.00	-28.50
7740.00	-48.00	-49.28	11.50	-10.22	-25.00	-23.00

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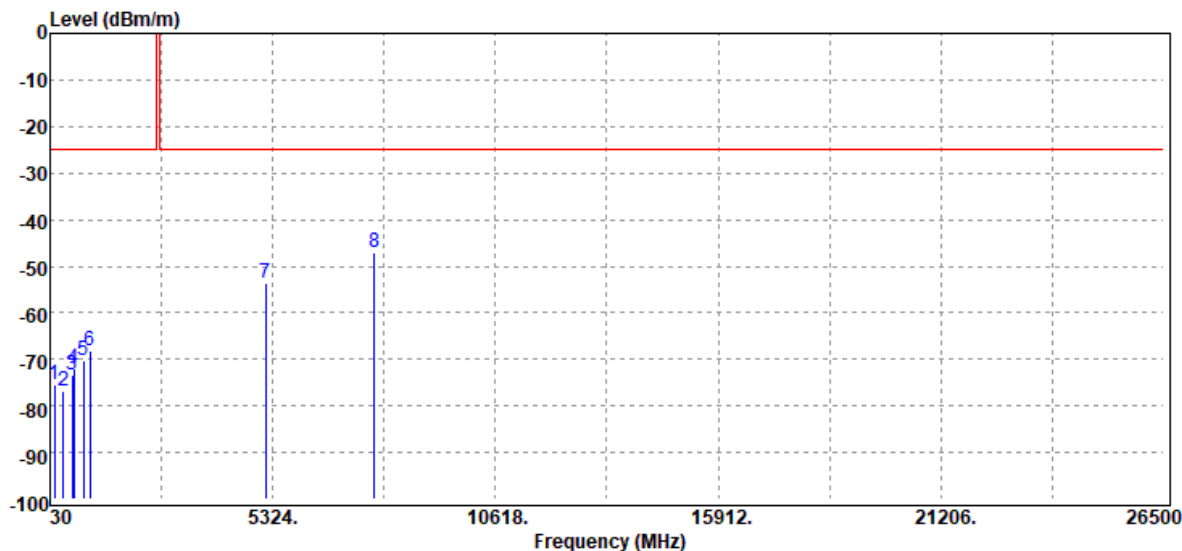
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Report Number :ER/2021/20010
Operation Mode :LTE B38
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :2580 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
134.76	-75.46	-72.12	-2.10	-1.24	-25.00	-50.46
347.19	-76.73	-79.23	4.49	-1.99	-25.00	-51.73
558.65	-73.40	-75.08	4.25	-2.57	-25.00	-48.40
592.60	-72.08	-73.21	3.78	-2.65	-25.00	-47.08
822.49	-70.15	-71.41	4.33	-3.07	-25.00	-45.15
972.84	-68.24	-69.17	3.84	-2.91	-25.00	-43.24
5160.00	-53.71	-57.94	12.16	-7.93	-25.00	-28.71
7740.00	-46.92	-48.20	11.50	-10.22	-25.00	-21.92

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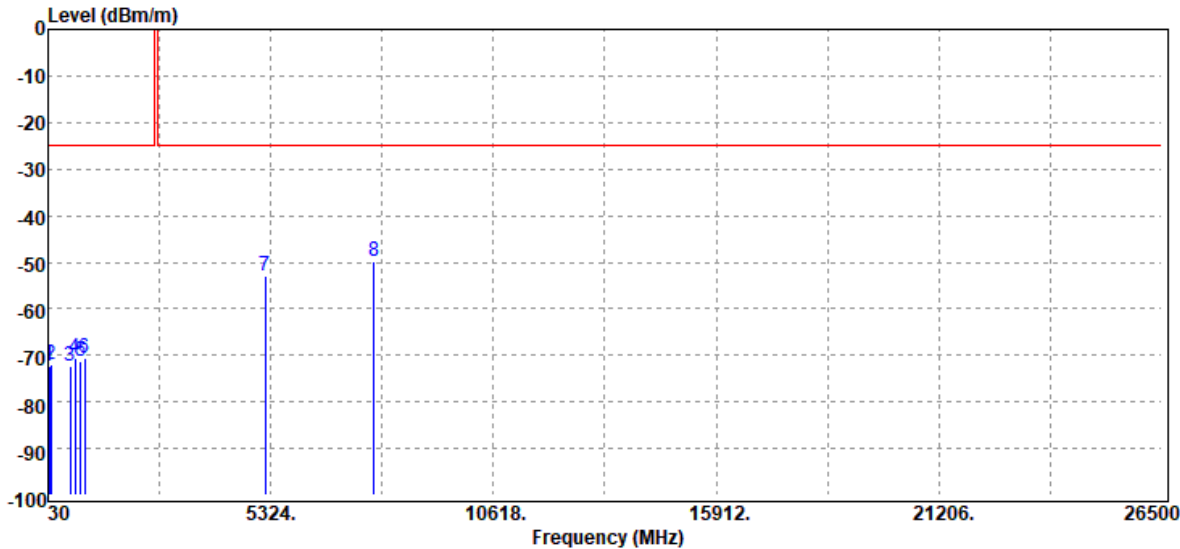
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Report Number :ER/2021/20010
Operation Mode :LTE B38
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :2595 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.16	-62.11	-9.30	-0.75	-25.00	-47.16
100.81	-72.14	-70.29	-0.83	-1.02	-25.00	-47.14
563.50	-72.25	-73.79	4.16	-2.62	-25.00	-47.25
668.26	-70.45	-71.11	3.71	-3.05	-25.00	-45.45
808.91	-71.44	-72.61	4.24	-3.07	-25.00	-46.44
909.79	-70.58	-71.43	4.07	-3.22	-25.00	-45.58
5190.00	-52.79	-57.24	12.34	-7.89	-25.00	-27.79
7785.00	-49.68	-50.67	11.50	-10.51	-25.00	-24.68

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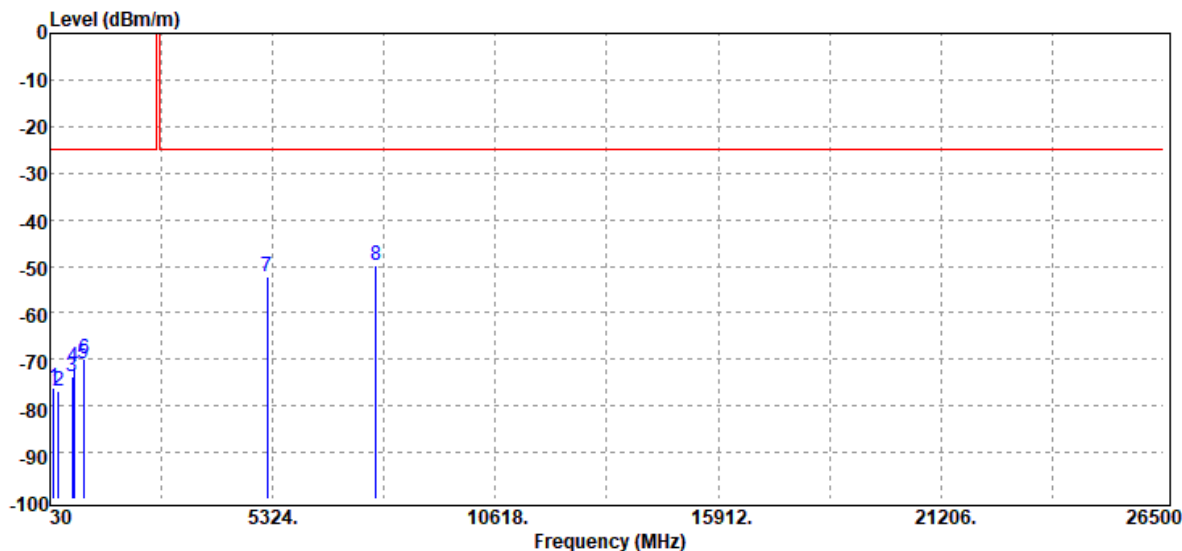
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Report Number :ER/2021/20010
Operation Mode :LTE B38
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :2595 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
124.09	-75.98	-72.98	-1.85	-1.15	-25.00	-50.98
238.55	-76.95	-79.76	4.42	-1.61	-25.00	-51.95
561.56	-73.74	-75.33	4.21	-2.62	-25.00	-48.74
604.24	-71.63	-72.67	3.62	-2.58	-25.00	-46.63
822.49	-70.97	-72.23	4.33	-3.07	-25.00	-45.97
837.04	-69.73	-71.33	4.63	-3.03	-25.00	-44.73
5190.00	-52.29	-56.74	12.34	-7.89	-25.00	-27.29
7785.00	-49.96	-50.95	11.50	-10.51	-25.00	-24.96

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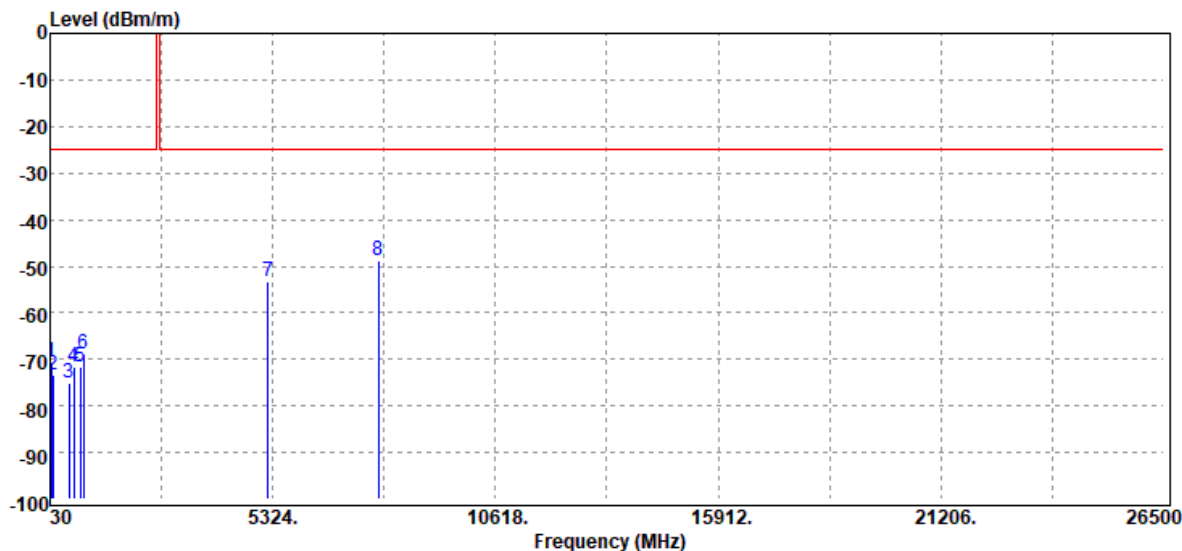
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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B38
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :2610 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-70.64	-60.59	-9.30	-0.75	-25.00	-45.64
102.75	-73.39	-71.28	-1.08	-1.03	-25.00	-48.39
482.99	-75.24	-77.12	4.26	-2.38	-25.00	-50.24
595.51	-71.61	-72.72	3.76	-2.65	-25.00	-46.61
744.89	-71.74	-72.11	2.82	-2.45	-25.00	-46.74
833.16	-68.82	-70.46	4.59	-2.95	-25.00	-43.82
5220.00	-53.18	-57.80	12.56	-7.94	-25.00	-28.18
7830.00	-48.80	-49.56	11.38	-10.62	-25.00	-23.80

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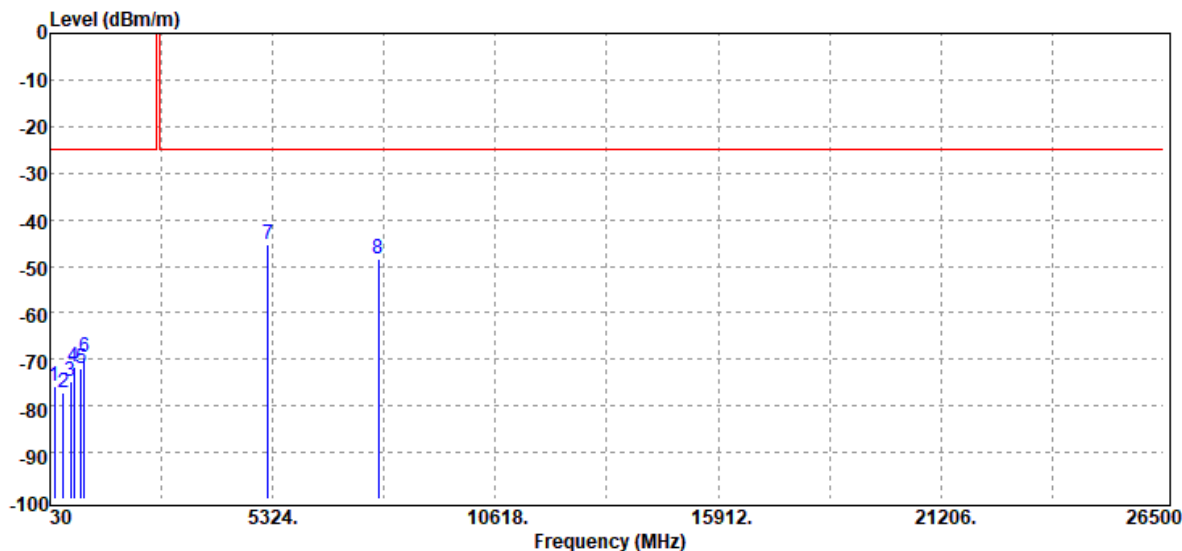
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Report Number :ER/2021/20010
Operation Mode :LTE B38
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :2610 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
131.85	-75.62	-72.33	-2.09	-1.20	-25.00	-50.62
354.95	-77.26	-79.76	4.49	-1.99	-25.00	-52.26
526.64	-74.64	-76.77	4.18	-2.05	-25.00	-49.64
595.51	-71.56	-72.67	3.76	-2.65	-25.00	-46.56
765.26	-71.95	-72.28	3.06	-2.73	-25.00	-46.95
842.86	-69.71	-71.50	4.70	-2.91	-25.00	-44.71
5220.00	-45.35	-49.97	12.56	-7.94	-25.00	-20.35
7830.00	-48.43	-49.19	11.38	-10.62	-25.00	-23.43

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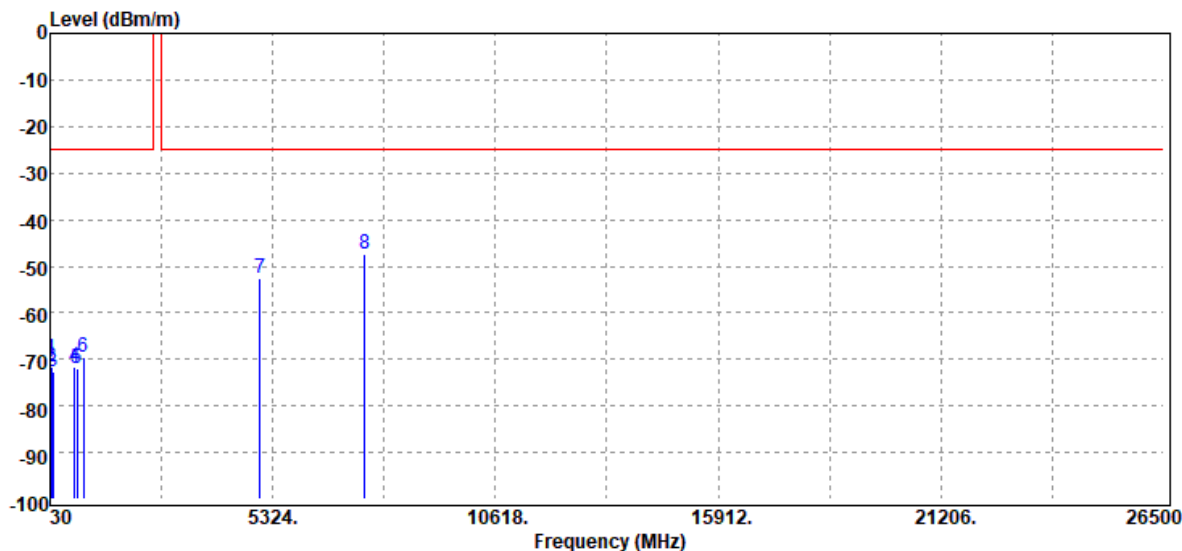
f (886-2) 2298-0488

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Member of SGS Group

Report Number :ER/2021/20010
Operation Mode :LTE B41
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :2506 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
42.61	-69.76	-55.78	-13.29	-0.69	-25.00	-44.76
61.04	-71.46	-61.41	-9.30	-0.75	-25.00	-46.46
100.81	-72.51	-70.66	-0.83	-1.02	-25.00	-47.51
605.21	-71.73	-72.77	3.61	-2.57	-25.00	-46.73
665.35	-72.04	-72.96	3.73	-2.81	-25.00	-47.04
833.16	-69.64	-71.28	4.59	-2.95	-25.00	-44.64
5012.00	-52.45	-57.37	12.40	-7.48	-25.00	-27.45
7518.00	-47.32	-49.11	11.04	-9.25	-25.00	-22.32

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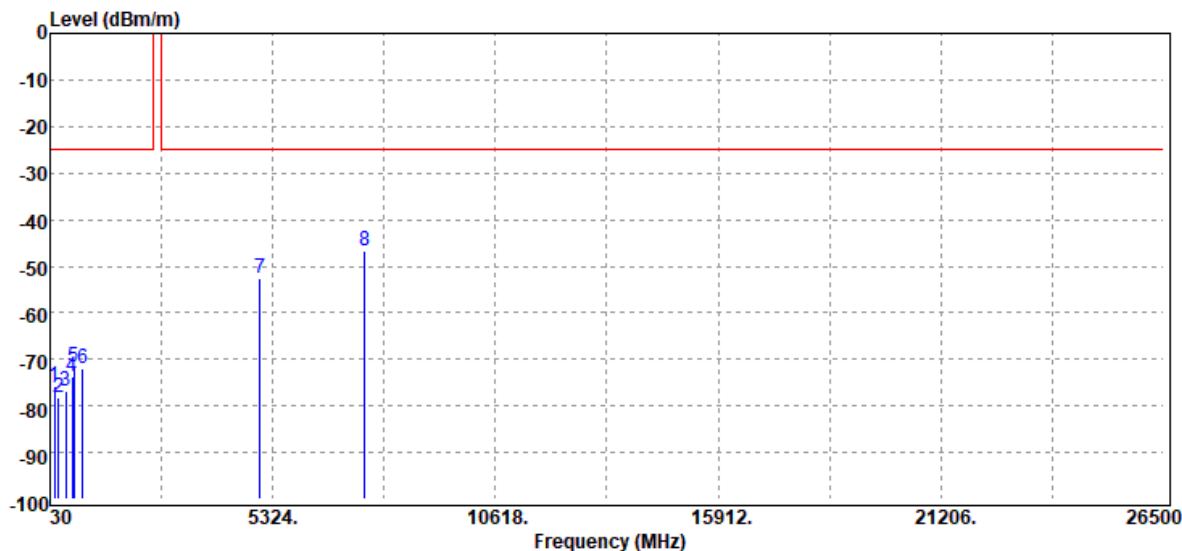
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Report Number :ER/2021/20010
Operation Mode :LTE B41
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :2506 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
131.85	-75.90	-72.61	-2.09	-1.20	-25.00	-50.90
240.49	-78.37	-81.14	4.38	-1.61	-25.00	-53.37
395.69	-76.67	-78.89	4.31	-2.09	-25.00	-51.67
550.89	-73.74	-75.64	4.20	-2.30	-25.00	-48.74
599.39	-71.57	-72.59	3.66	-2.64	-25.00	-46.57
805.03	-71.93	-73.04	4.20	-3.09	-25.00	-46.93
5012.00	-52.73	-57.65	12.40	-7.48	-25.00	-27.73
7518.00	-46.79	-48.58	11.04	-9.25	-25.00	-21.79

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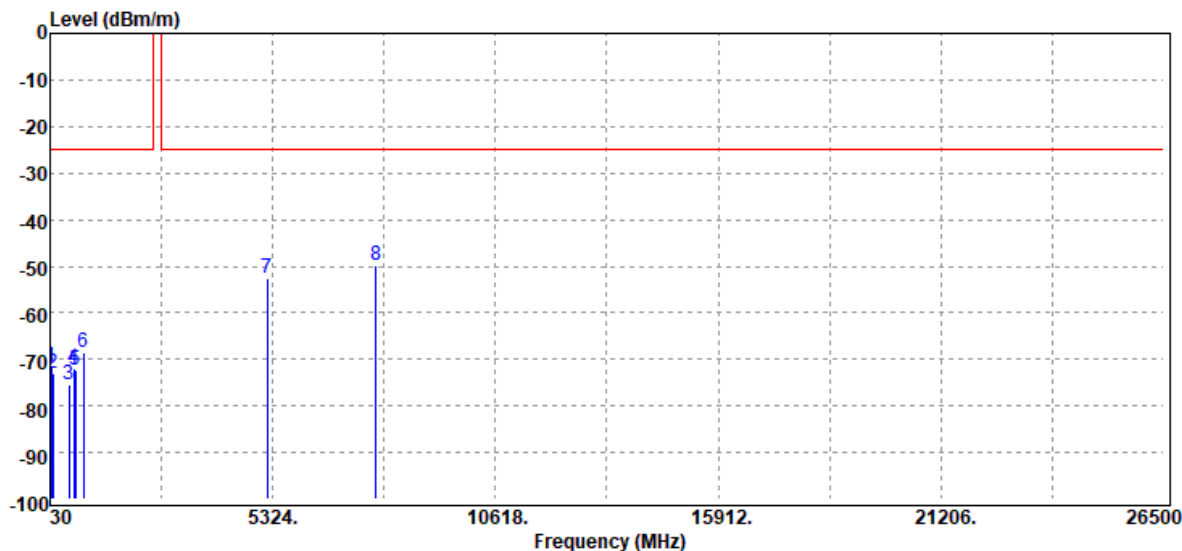
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Report Number :ER/2021/20010
Operation Mode :LTE B41
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :2593 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.59	-61.54	-9.30	-0.75	-25.00	-46.59
102.75	-72.94	-70.83	-1.08	-1.03	-25.00	-47.94
487.84	-75.56	-77.56	4.29	-2.29	-25.00	-50.56
597.45	-71.84	-72.90	3.71	-2.65	-25.00	-46.84
633.34	-72.20	-73.33	3.45	-2.32	-25.00	-47.20
833.16	-68.68	-70.32	4.59	-2.95	-25.00	-43.68
5186.00	-52.65	-57.08	12.32	-7.89	-25.00	-27.65
7779.00	-49.81	-50.84	11.50	-10.47	-25.00	-24.81

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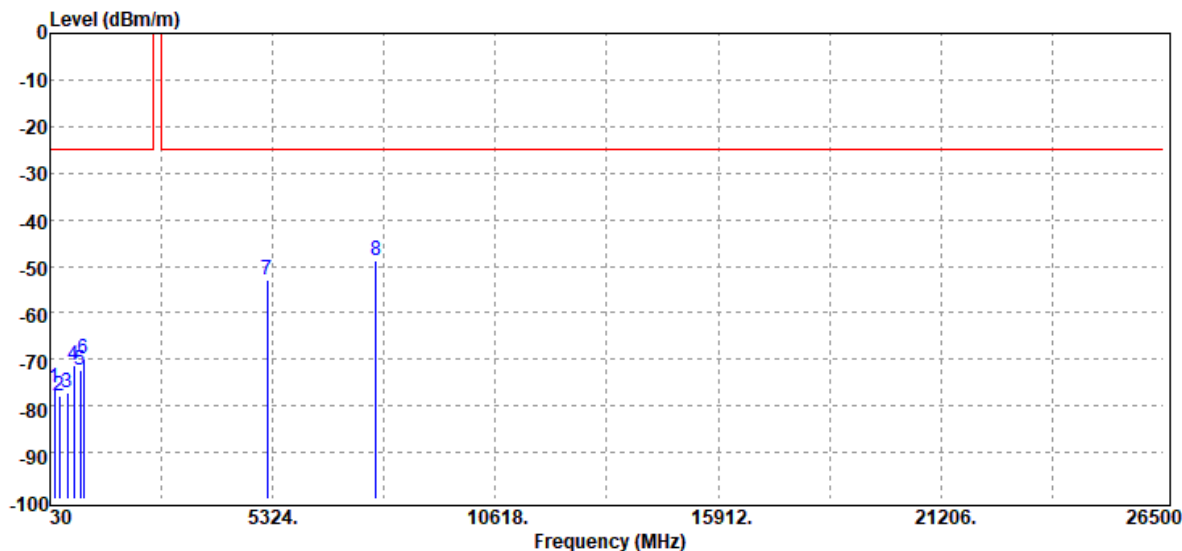
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Report Number :ER/2021/20010
Operation Mode :LTE B41
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :2593 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
131.85	-75.96	-72.67	-2.09	-1.20	-25.00	-50.96
243.40	-77.79	-80.55	4.37	-1.61	-25.00	-52.79
449.04	-77.10	-79.05	4.14	-2.19	-25.00	-52.10
590.66	-71.23	-72.37	3.79	-2.65	-25.00	-46.23
754.59	-72.34	-72.80	2.93	-2.47	-25.00	-47.34
827.34	-69.90	-71.43	4.48	-2.95	-25.00	-44.90
5186.00	-53.01	-57.44	12.32	-7.89	-25.00	-28.01
7779.00	-48.96	-49.99	11.50	-10.47	-25.00	-23.96

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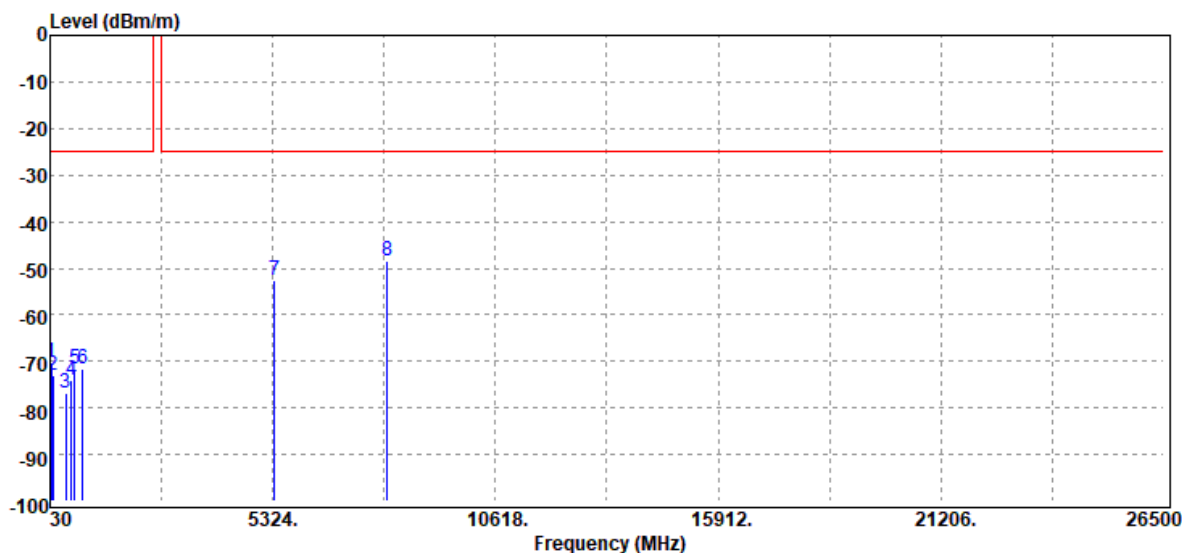
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Report Number :ER/2021/20010
Operation Mode :LTE B41
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :2680 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-70.29	-59.96	-9.60	-0.73	-25.00	-45.29
102.75	-73.14	-71.03	-1.08	-1.03	-25.00	-48.14
403.45	-76.93	-79.23	4.33	-2.03	-25.00	-51.93
547.01	-74.14	-76.04	4.20	-2.30	-25.00	-49.14
609.09	-71.54	-72.53	3.51	-2.52	-25.00	-46.54
807.94	-71.75	-72.91	4.23	-3.07	-25.00	-46.75
5360.00	-52.48	-56.60	12.96	-8.84	-25.00	-27.48
8040.00	-48.28	-48.41	11.00	-10.87	-25.00	-23.28

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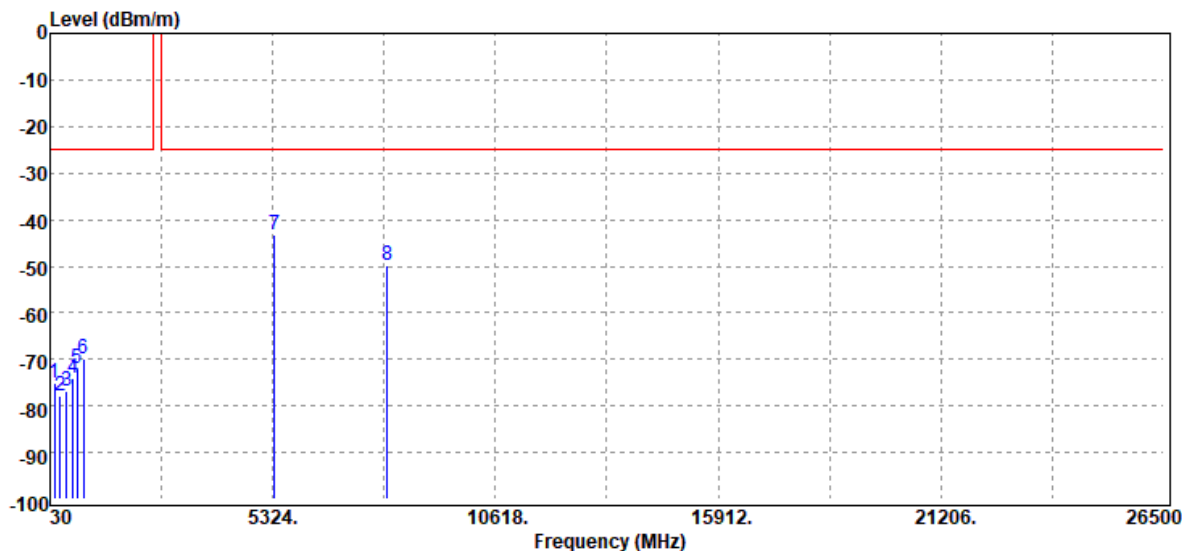
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Report Number :ER/2021/20010
Operation Mode :LTE B41
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :2680 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
129.91	-75.24	-71.94	-2.13	-1.17	-25.00	-50.24
264.74	-77.74	-80.44	4.35	-1.65	-25.00	-52.74
418.00	-76.69	-79.09	4.28	-1.88	-25.00	-51.69
570.29	-74.17	-75.64	4.09	-2.62	-25.00	-49.17
670.20	-71.88	-72.41	3.71	-3.18	-25.00	-46.88
833.16	-69.80	-71.44	4.59	-2.95	-25.00	-44.80
5360.00	-43.17	-47.29	12.96	-8.84	-25.00	-18.17
8040.00	-49.90	-50.03	11.00	-10.87	-25.00	-24.90

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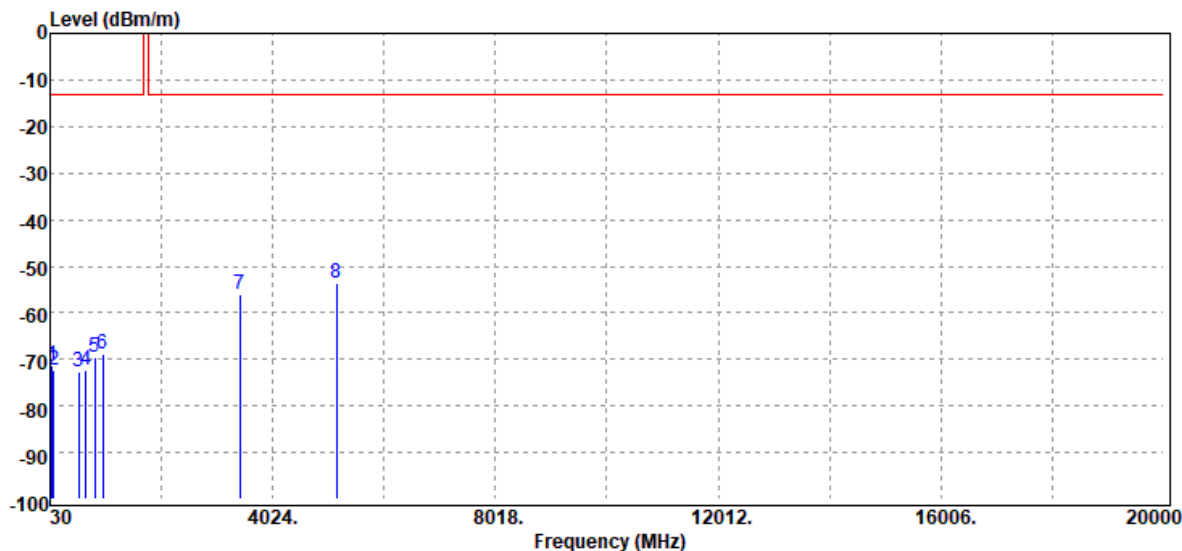
f (886-2) 2298-0488

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Report Number :ER/2021/20010
Operation Mode :LTE B66
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1720 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.44	-61.39	-9.30	-0.75	-13.00	-58.44
100.81	-72.44	-70.59	-0.83	-1.02	-13.00	-59.44
546.04	-72.63	-74.52	4.20	-2.31	-13.00	-59.63
667.29	-72.17	-72.92	3.72	-2.97	-13.00	-59.17
835.10	-69.49	-71.11	4.61	-2.99	-13.00	-56.49
972.84	-68.95	-69.88	3.84	-2.91	-13.00	-55.95
3440.00	-55.97	-62.54	12.52	-5.95	-13.00	-42.97
5160.00	-53.64	-57.87	12.16	-7.93	-13.00	-40.64

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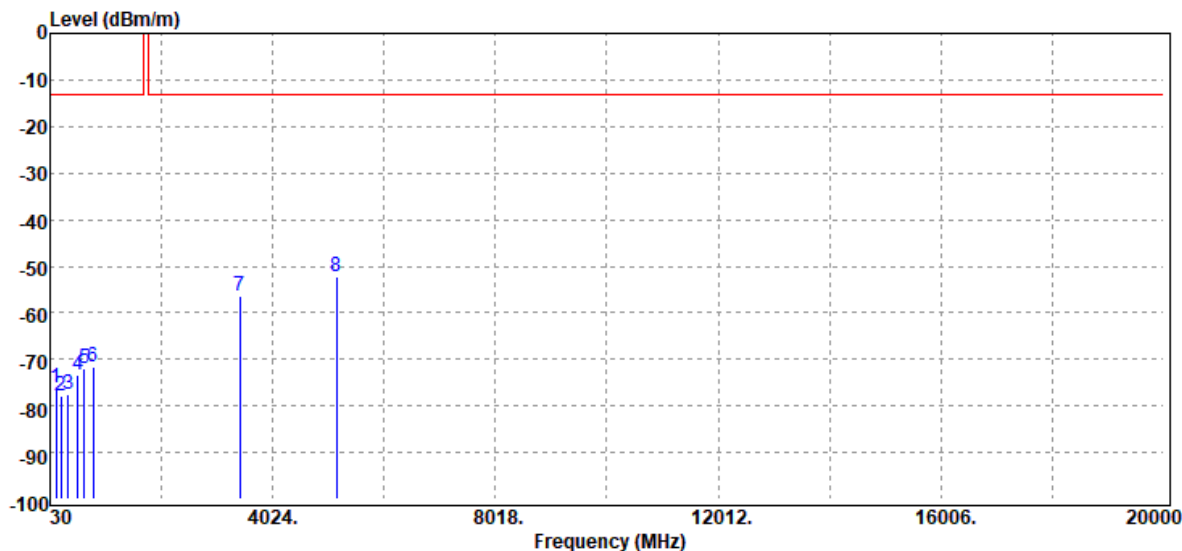
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Report Number :ER/2021/20010
Operation Mode :LTE B66
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :1720 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
133.79	-75.98	-72.70	-2.05	-1.23	-13.00	-62.98
231.76	-77.90	-81.01	4.70	-1.59	-13.00	-64.90
350.10	-77.42	-79.95	4.56	-2.03	-13.00	-64.42
529.55	-73.27	-75.45	4.17	-1.99	-13.00	-60.27
650.80	-71.94	-73.13	3.63	-2.44	-13.00	-58.94
806.00	-71.60	-72.72	4.21	-3.09	-13.00	-58.60
3440.00	-56.36	-62.93	12.52	-5.95	-13.00	-43.36
5160.00	-52.18	-56.41	12.16	-7.93	-13.00	-39.18

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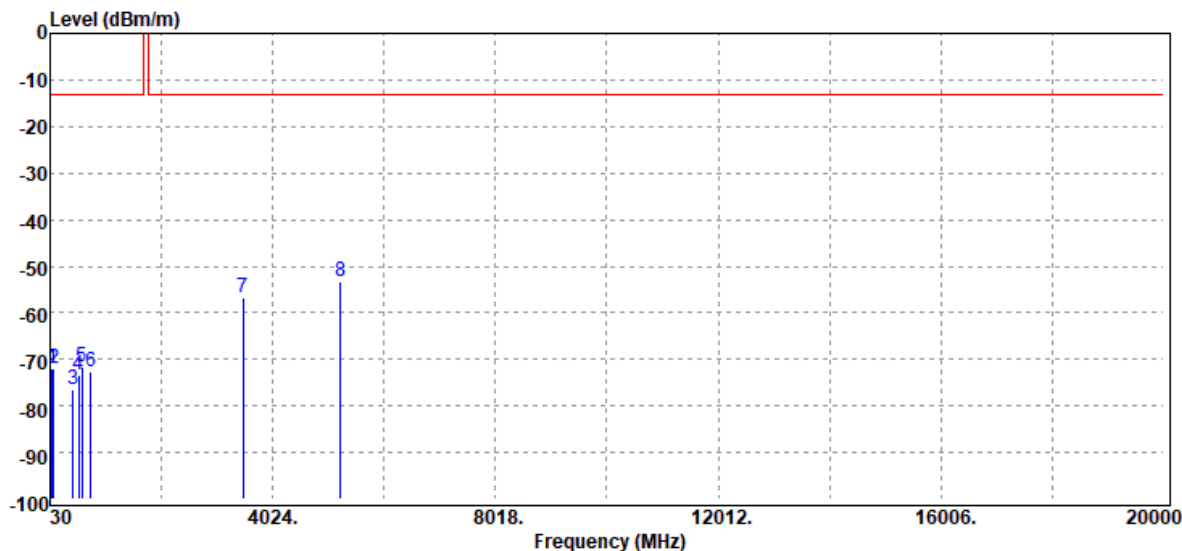
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Report Number :ER/2021/20010
Operation Mode :LTE B66
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1745 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-72.09	-62.04	-9.30	-0.75	-13.00	-59.09
100.81	-72.03	-70.18	-0.83	-1.02	-13.00	-59.03
440.31	-76.57	-78.41	4.06	-2.22	-13.00	-63.57
542.16	-73.48	-75.47	4.33	-2.34	-13.00	-60.48
595.51	-71.76	-72.87	3.76	-2.65	-13.00	-58.76
755.56	-72.59	-73.07	2.95	-2.47	-13.00	-59.59
3490.00	-56.71	-62.87	12.42	-6.26	-13.00	-43.71
5235.00	-53.33	-58.02	12.68	-7.99	-13.00	-40.33

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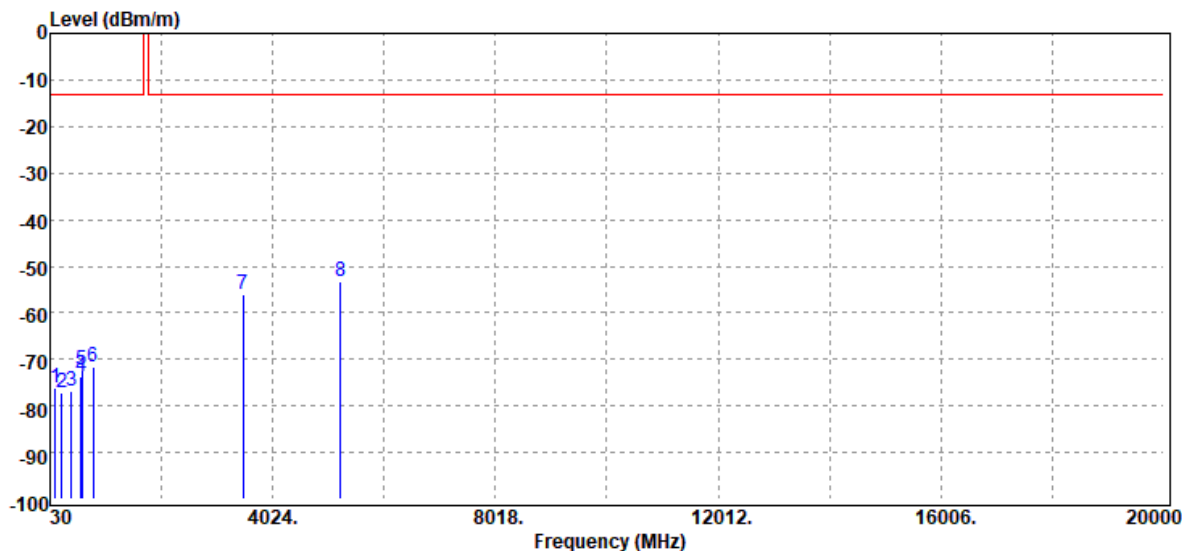
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Report Number :ER/2021/20010
Operation Mode :LTE B66
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :1745 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
125.06	-76.18	-73.15	-1.88	-1.15	-13.00	-63.18
233.70	-77.24	-80.22	4.58	-1.60	-13.00	-64.24
413.15	-76.67	-79.19	4.38	-1.86	-13.00	-63.67
583.87	-73.59	-74.75	3.85	-2.69	-13.00	-60.59
600.36	-72.41	-73.41	3.64	-2.64	-13.00	-59.41
804.06	-71.54	-72.61	4.17	-3.10	-13.00	-58.54
3490.00	-56.22	-62.38	12.42	-6.26	-13.00	-43.22
5235.00	-53.18	-57.87	12.68	-7.99	-13.00	-40.18

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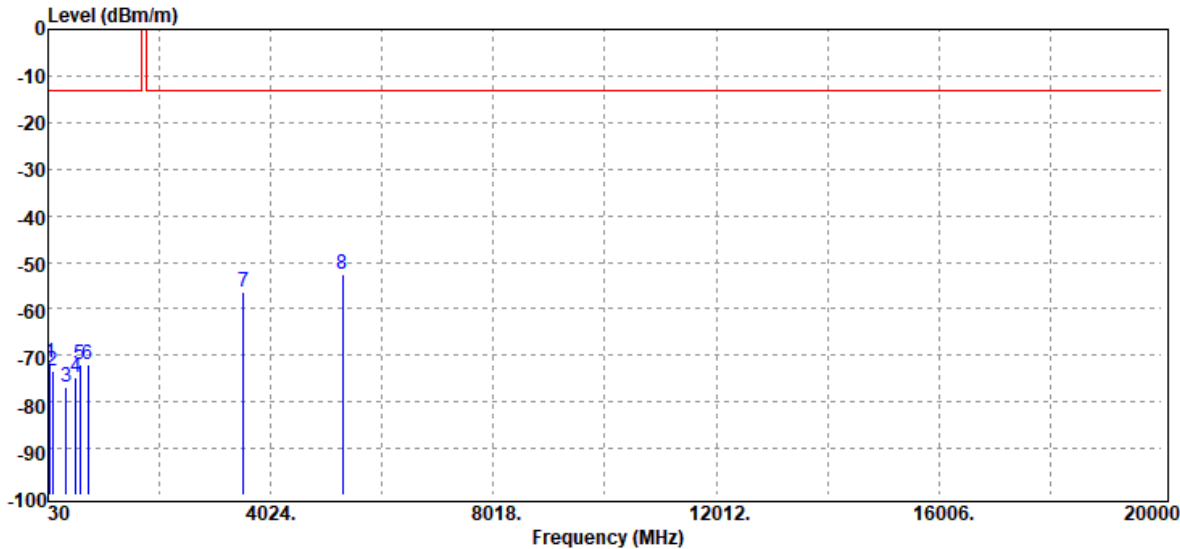
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Report Number :ER/2021/20010
Operation Mode :LTE B66
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1770 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.73	-61.68	-9.30	-0.75	-13.00	-58.73
103.72	-73.51	-71.41	-1.07	-1.03	-13.00	-60.51
352.04	-76.97	-79.48	4.53	-2.02	-13.00	-63.97
527.61	-74.80	-76.94	4.17	-2.03	-13.00	-61.80
594.54	-72.04	-73.16	3.77	-2.65	-13.00	-59.04
744.89	-71.87	-72.24	2.82	-2.45	-13.00	-58.87
3540.00	-56.49	-62.41	12.40	-6.48	-13.00	-43.49
5310.00	-52.72	-57.42	13.00	-8.30	-13.00	-39.72

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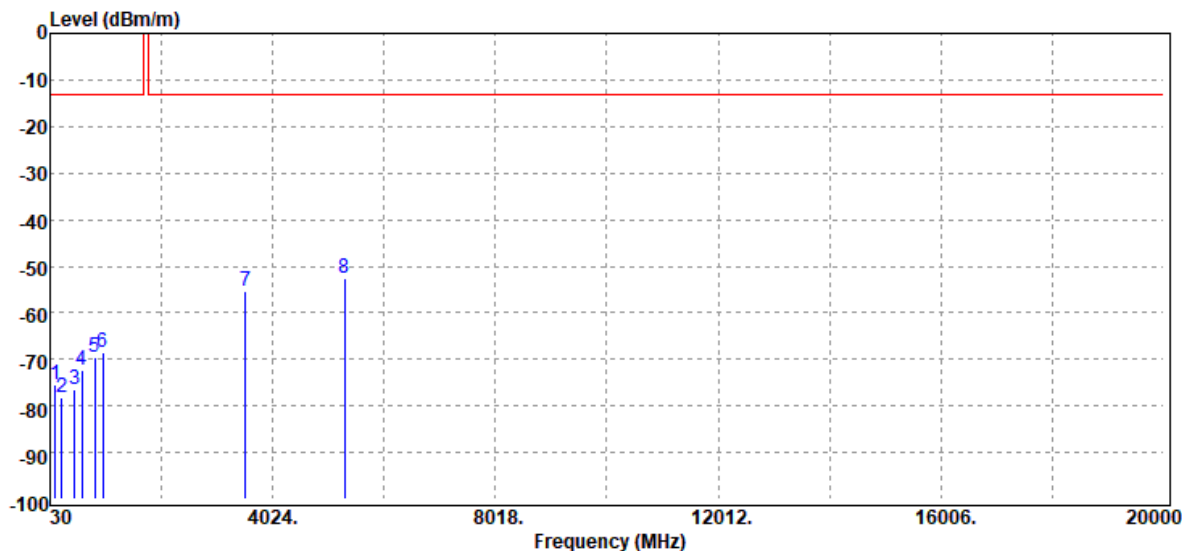
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Report Number :ER/2021/20010
Operation Mode :LTE B66
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :1770 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
128.94	-75.53	-72.36	-2.00	-1.17	-13.00	-62.53
236.61	-78.14	-80.99	4.46	-1.61	-13.00	-65.14
473.29	-76.56	-78.42	4.18	-2.32	-13.00	-63.56
597.45	-72.26	-73.32	3.71	-2.65	-13.00	-59.26
832.19	-69.50	-71.15	4.58	-2.93	-13.00	-56.50
972.84	-68.53	-69.46	3.84	-2.91	-13.00	-55.53
3540.00	-55.53	-61.45	12.40	-6.48	-13.00	-42.53
5310.00	-52.67	-57.37	13.00	-8.30	-13.00	-39.67

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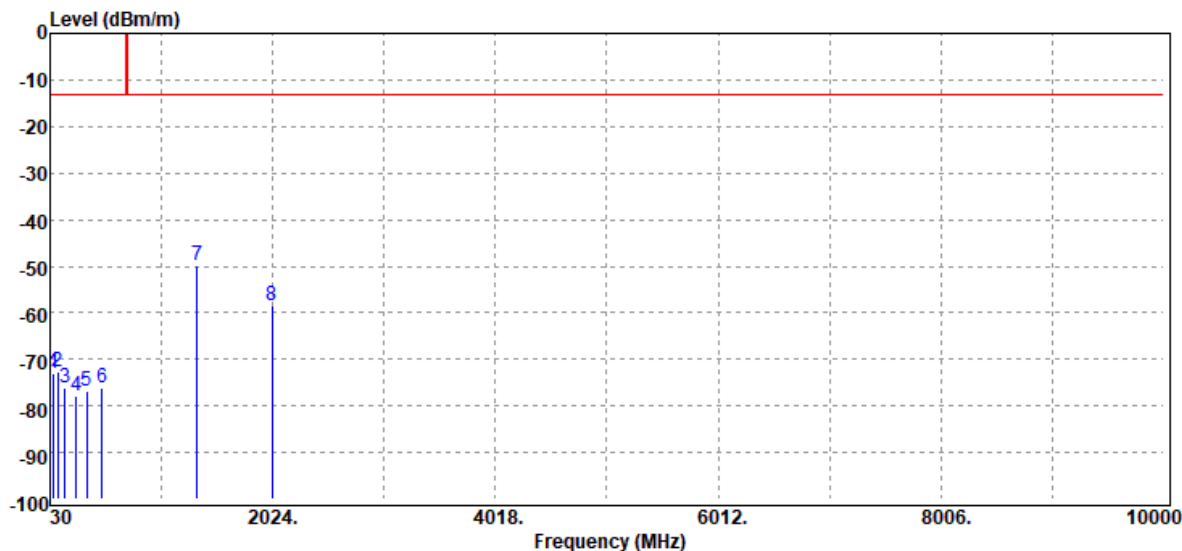
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Report Number :ER/2021/20010
Operation Mode :LTE B71
Test Mode :Tx CH Low
EUT Pol :H Plane
Test Frequency :673 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-73.16	-63.11	-9.30	-0.75	-13.00	-60.16
100.81	-72.66	-70.81	-0.83	-1.02	-13.00	-59.66
162.89	-75.97	-73.74	-0.98	-1.25	-13.00	-62.97
264.74	-77.84	-80.54	4.35	-1.65	-13.00	-64.84
359.80	-76.88	-79.45	4.51	-1.94	-13.00	-63.88
495.60	-76.08	-77.91	4.18	-2.35	-13.00	-63.08
1346.00	-49.80	-53.13	7.11	-3.78	-13.00	-36.80
2019.00	-58.47	-63.93	10.16	-4.70	-13.00	-45.47

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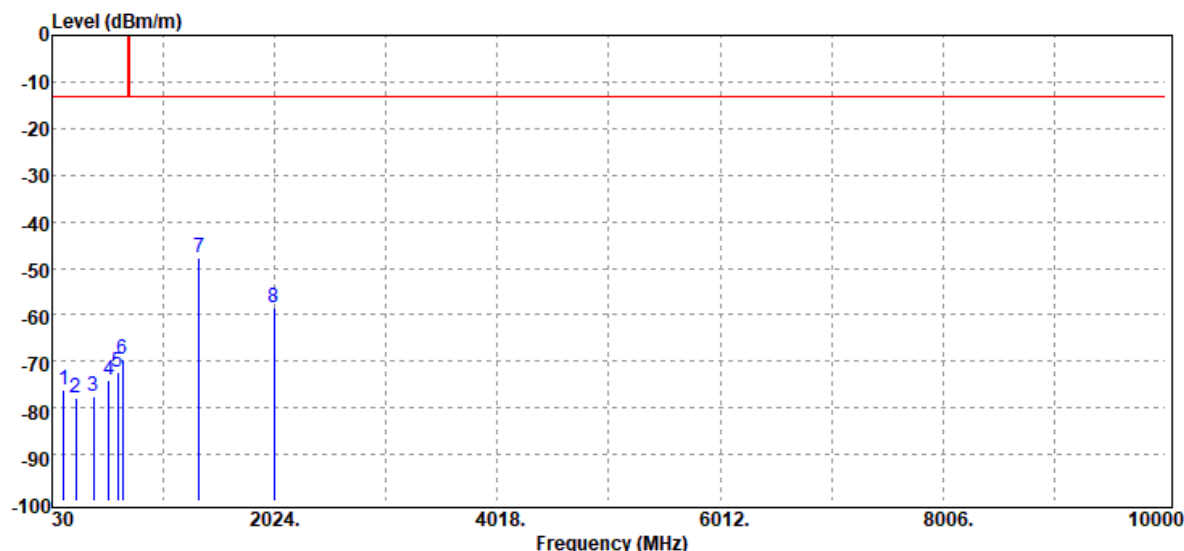
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Report Number :ER/2021/20010
 Operation Mode :LTE B71
 Test Mode :Tx CH Low
 EUT Pol :H Plane
 Test Frequency :673 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
136.70	-76.20	-72.96	-1.97	-1.27	-13.00	-63.20
243.40	-77.85	-80.61	4.37	-1.61	-13.00	-64.85
401.51	-77.53	-79.76	4.32	-2.09	-13.00	-64.53
537.31	-74.12	-76.19	4.33	-2.26	-13.00	-61.12
614.91	-72.32	-73.38	3.46	-2.40	-13.00	-59.32
660.50	-69.54	-70.81	3.68	-2.41	-13.00	-56.54
1346.00	-47.72	-51.05	7.11	-3.78	-13.00	-34.72
2019.00	-58.60	-64.06	10.16	-4.70	-13.00	-45.60

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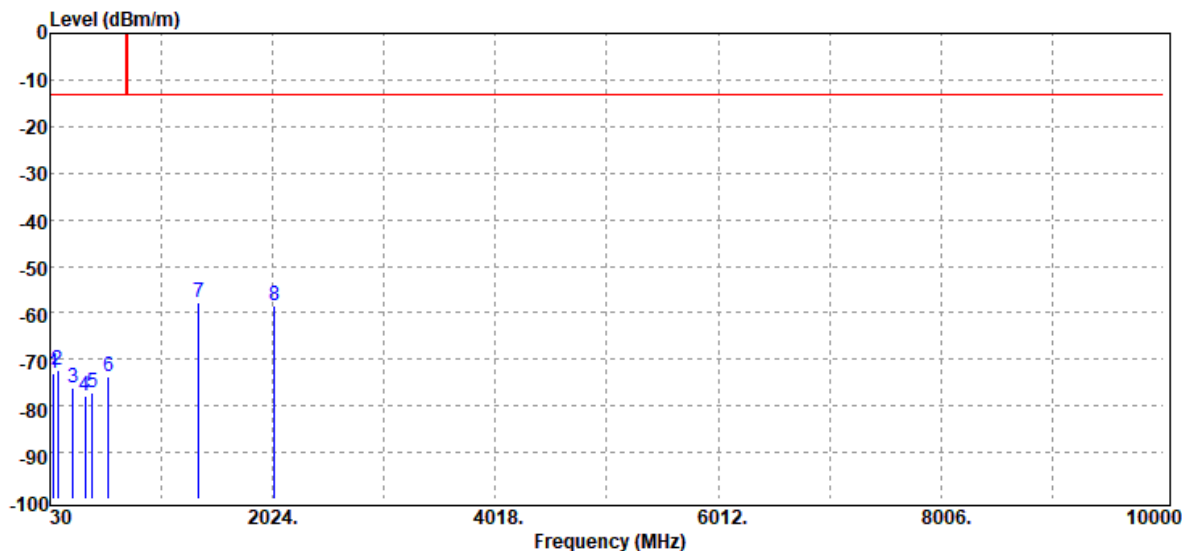
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Report Number :ER/2021/20010
Operation Mode :LTE B71
Test Mode :Tx CH Mid
EUT Pol :H Plane
Test Frequency :680.5 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
59.10	-72.97	-62.64	-9.60	-0.73	-13.00	-59.97
100.81	-72.31	-70.46	-0.83	-1.02	-13.00	-59.31
233.70	-76.09	-79.07	4.58	-1.60	-13.00	-63.09
347.19	-77.73	-80.23	4.49	-1.99	-13.00	-64.73
411.21	-77.28	-79.84	4.41	-1.85	-13.00	-64.28
550.89	-73.55	-75.45	4.20	-2.30	-13.00	-60.55
1361.00	-57.76	-61.18	7.21	-3.79	-13.00	-44.76
2041.50	-58.47	-63.87	10.12	-4.72	-13.00	-45.47

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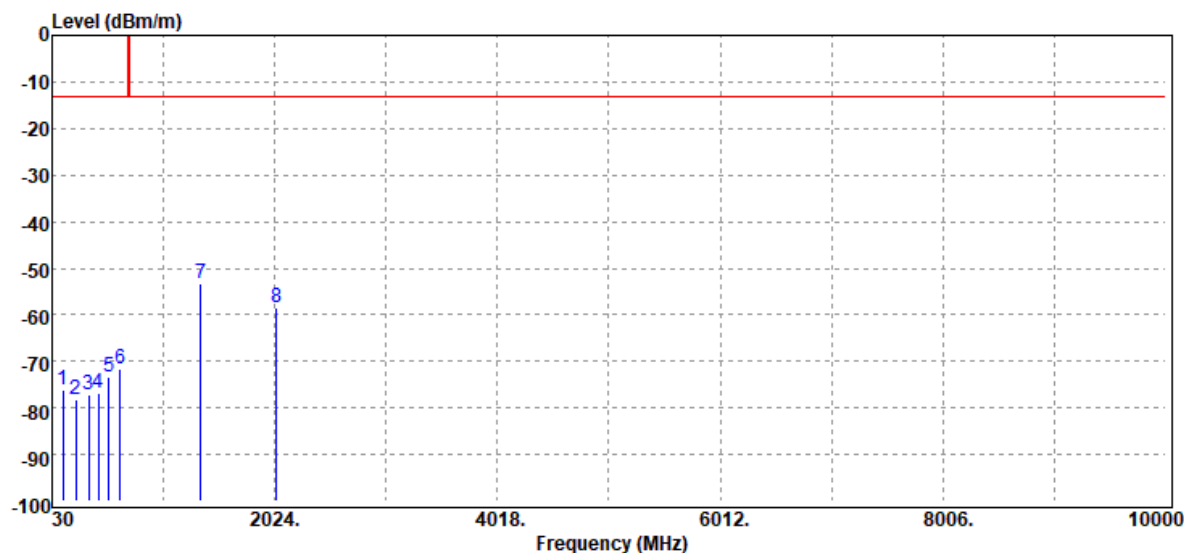
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Report Number :ER/2021/20010
 Operation Mode :LTE B71
 Test Mode :Tx CH Mid
 EUT Pol :H Plane
 Test Frequency :680.5 MHz

Test Site :SAC I Chamber
 Test Date :2021-03-29
 Temp./Humi. :23.5/74
 Antenna Pol. :HORIZONTAL
 Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
130.88	-76.05	-72.88	-1.99	-1.18	-13.00	-63.05
246.31	-78.16	-80.92	4.36	-1.60	-13.00	-65.16
359.80	-77.19	-79.76	4.51	-1.94	-13.00	-64.19
444.19	-76.95	-78.88	4.13	-2.20	-13.00	-63.95
537.31	-73.48	-75.55	4.33	-2.26	-13.00	-60.48
643.04	-71.60	-72.89	3.54	-2.25	-13.00	-58.60
1361.00	-53.22	-56.64	7.21	-3.79	-13.00	-40.22
2041.50	-58.40	-63.80	10.12	-4.72	-13.00	-45.40

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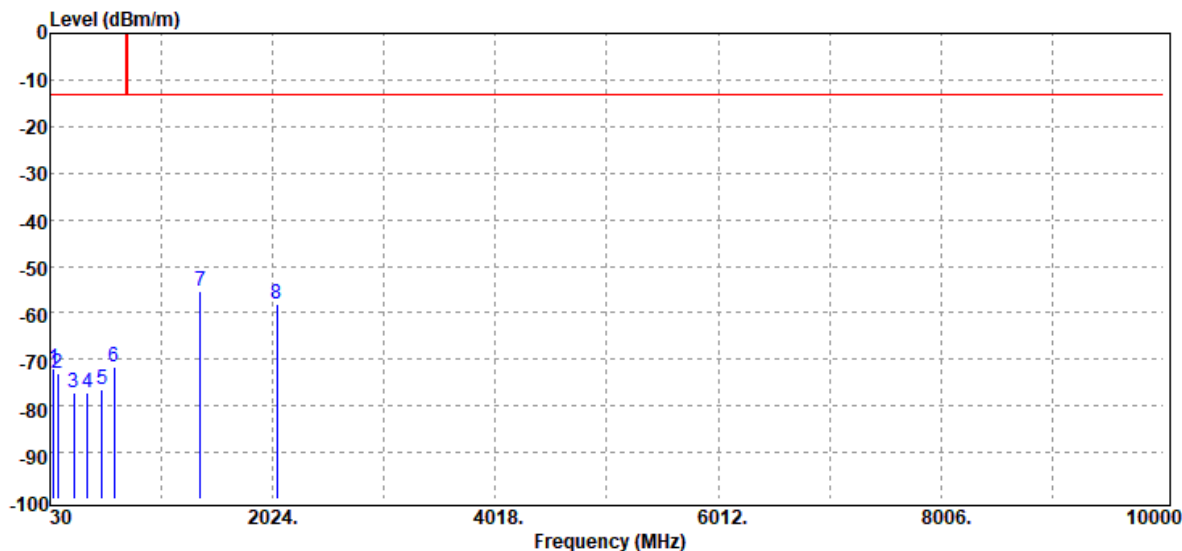
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Report Number :ER/2021/20010
Operation Mode :LTE B71
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :688 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :VERTICAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
61.04	-71.99	-61.94	-9.30	-0.75	-13.00	-58.99
100.81	-72.91	-71.06	-0.83	-1.02	-13.00	-59.91
241.46	-77.28	-80.05	4.38	-1.61	-13.00	-64.28
362.71	-77.11	-79.62	4.46	-1.95	-13.00	-64.11
498.51	-76.34	-78.17	4.23	-2.40	-13.00	-63.34
602.30	-71.48	-72.50	3.63	-2.61	-13.00	-58.48
1376.00	-55.37	-58.92	7.36	-3.81	-13.00	-42.37
2064.00	-58.10	-63.40	10.04	-4.74	-13.00	-45.10

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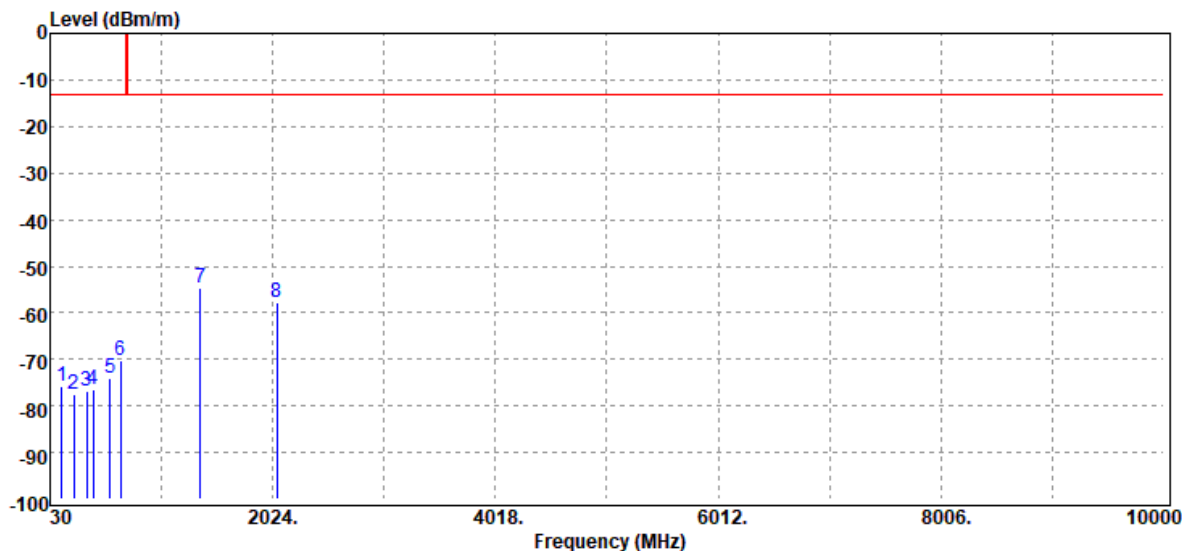
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Report Number :ER/2021/20010
Operation Mode :LTE B71
Test Mode :Tx CH High
EUT Pol :H Plane
Test Frequency :688 MHz

Test Site :SAC I Chamber
Test Date :2021-03-29
Temp./Humi. :23.5/74
Antenna Pol. :HORIZONTAL
Engineer :Neo Tsai



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
136.70	-75.70	-72.46	-1.97	-1.27	-13.00	-62.70
241.46	-77.61	-80.38	4.38	-1.61	-13.00	-64.61
361.74	-76.91	-79.44	4.48	-1.95	-13.00	-63.91
416.06	-76.56	-79.01	4.32	-1.87	-13.00	-63.56
565.44	-74.00	-75.50	4.12	-2.62	-13.00	-61.00
660.50	-70.17	-71.44	3.68	-2.41	-13.00	-57.17
1376.00	-54.84	-58.39	7.36	-3.81	-13.00	-41.84
2064.00	-57.90	-63.20	10.04	-4.74	-13.00	-44.90

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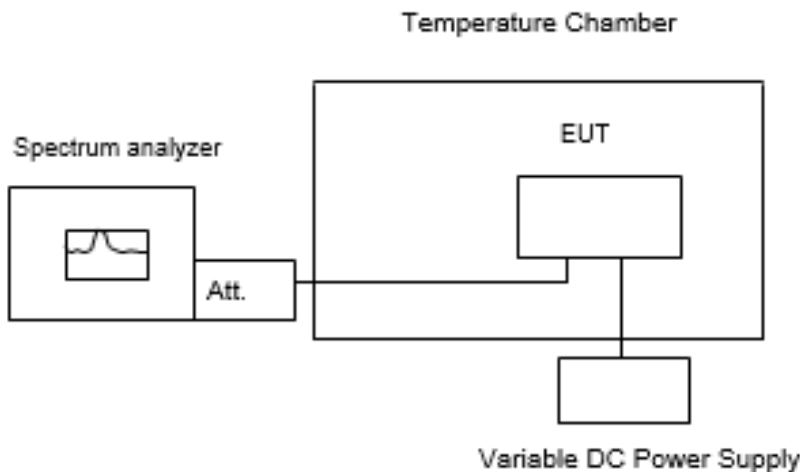
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10 FREQUENCY STABILITY MEASUREMENT

10.1 Standard Applicabl

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

10.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

10.3 Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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10.4 Measurement Equipment Used

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/21/2020	04/20/2021
DC Power Supply	Agilent	E3640A	MY40005907	10/29/2020	10/28/2021
Radio Communication Analyzer	Anritsu	MT8815A	6200429620	01/15/2021	01/14/2022
Radio Communication Analyzer	Anritsu	MT8821C	6261786084	01/20/2021	01/19/2022
Temperature Chamber	TERCHY	MHG-120LF	911009	05/20/2020	05/19/2021
Attenuator	Mini-Circuit	BW-S10W2+	2	12/16/2020	12/15/2021
DC Block	Mini-Circuits	BLK-18-S+	1	12/16/2020	12/15/2021
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-018	12/16/2020	12/15/2021

10.5 Measurement Result

Note: The battery is rated 3.87V dc.

GPRS 850 Mid Channel 836.6 MHz				
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
4.257	20	836.59999	-10	2091
3.87	20	836.600001	1	2091
3.483	20	836.600003	3	2091
3.4 (End point)	20	836.599991	-9	2091
FREQUENCY ERROR vs. Temp.				
3.87	50	836.599999	-1	2091
3.87	40	836.600008	8	2091
3.87	30	836.599998	-2	2091
3.87	20	836.600006	6	2091
3.87	10	836.599995	-5	2091
3.87	0	836.599991	-9	2091
3.87	-10	836.59999	-10	2091
3.87	-20	836.600004	4	2091
3.87	-30	836.600002	2	2091

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GPRS 1900 Mid Channel			1880	MHz
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
4.257	20	1880.000009	9	4700
3.87	20	1879.999999	-1	4700
3.483	20	1879.999993	-7	4700
3.4 (End point)	20	1879.999994	-6	4700
FREQUENCY ERROR vs. Temp.				
3.87	50	1880.000009	9	4700
3.87	40	1880.000001	1	4700
3.87	30	1880.000007	7	4700
3.87	20	1879.999996	-4	4700
3.87	10	1880.000001	10	4700
3.87	0	1879.999989	-11	4700
3.87	-10	1880.000006	6	4700
3.87	-20	1879.999992	-8	4700
3.87	-30	1880.000012	12	4700
WCDMA II Mid Channel			1880	MHz
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
4.257	20	1879.999989	-11	4700
3.87	20	1880.000005	5	4700
3.483	20	1879.999999	-1	4700
3.4 (End point)	20	1879.999996	-4	4700
FREQUENCY ERROR vs. Temp.				
3.87	50	1879.999991	-9	4700
3.87	40	1880.000008	8	4700
3.87	30	1879.999999	-10	4700
3.87	20	1880.000006	6	4700
3.87	10	1879.999996	-4	4700
3.87	0	1880.000002	2	4700
3.87	-10	1880.000008	8	4700
3.87	-20	1880.000011	11	4700
3.87	-30	1880.000008	8	4700

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WCDMA IV Mid Channel		1732.6	MHz	
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
4.257	20	1732.600004	4	4331
3.87	20	1732.600005	5	4331
3.483	20	1732.599997	-3	4331
3.4 (End point)	20	1732.599994	-6	4331
FREQUENCY ERROR vs. Temp.				
3.87	50	1732.600007	7	4331
3.87	40	1732.599995	-5	4331
3.87	30	1732.600011	11	4331
3.87	20	1732.599992	-8	4331
3.87	10	1732.600004	4	4331
3.87	0	1732.599991	-9	4331
3.87	-10	1732.600013	13	4331
3.87	-20	1732.599999	-10	4331
3.87	-30	1732.600005	5	4331
WCDMA V Mid Channel		836.6	MHz	
Limit: +/- 2.5 ppm				
Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit (Hz)
FREQUENCY ERROR vs. VOLTAGE				
4.257	20	836.599996	-4	2091
3.87	20	836.600005	5	2091
3.483	20	836.599989	-11	2091
3.4 (End point)	20	836.599998	-2	2091
FREQUENCY ERROR vs. Temp.				
3.87	50	836.600001	1	2091
3.87	40	836.599993	-7	2091
3.87	30	836.599997	-3	2091
3.87	20	836.600008	8	2091
3.87	10	836.600006	6	2091
3.87	0	836.599992	-8	2091
3.87	-10	836.599989	-11	2091
3.87	-20	836.600001	10	2091
3.87	-30	836.599991	-9	2091

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Reference Freq.:		LTE B2 Mid Channel		1880	MHz 10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	1880.000006	6	4700	
3.87	25	1879.999990	-10	4700	
3.483	25	1879.999993	-7	4700	
3.4 (End Point)	25	1880.000011	11	4700	
Freq. ERROR vs. Temp.					
3.87	-30	1880.000001	1	4700	
3.87	-20	1880.000010	10	4700	
3.87	-10	1880.000002	2	4700	
3.87	0	1879.999994	-6	4700	
3.87	10	1879.999992	-8	4700	
3.87	20	1879.999988	-12	4700	
3.87	30	1879.999995	-5	4700	
3.87	40	1880.000007	7	4700	
3.87	50	1880.000003	3	4700	
Reference Freq.:		LTE B4 Mid Channel		1732.5	MHz 10M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	1732.500004	4	4331	
3.87	25	1732.500010	10	4331	
3.483	25	1732.499998	-2	4331	
3.4 (End Point)	25	1732.499992	-8	4331	
Freq. ERROR vs. Temp.					
3.87	-30	1732.500005	5	4331	
3.87	-20	1732.499997	-3	4331	
3.87	-10	1732.499999	-1	4331	
3.87	0	1732.500004	4	4331	
3.87	10	1732.499989	-11	4331	
3.87	20	1732.500010	10	4331	
3.87	30	1732.500008	8	4331	
3.87	40	1732.500004	4	4331	
3.87	50	1732.499991	-9	4331	

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Reference Freq.:		LTE B5 Mid Channel		836.5	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	836.499995	-5	2091	
3.87	25	836.499996	-4	2091	
3.483	25	836.500003	3	2091	
3.4 (End Point)	25	836.500009	9	2091	
Freq. ERROR vs. Temp.					
3.87	-30	836.499989	-11	2091	
3.87	-20	836.500005	5	2091	
3.87	-10	836.500001	1	2091	
3.87	0	836.500010	10	2091	
3.87	10	836.500003	3	2091	
3.87	20	836.499993	-7	2091	
3.87	30	836.500004	4	2091	
3.87	40	836.499994	-6	2091	
3.87	50	836.500012	12	2091	
Reference Freq.:		LTE B7 Mid Channel		2535	MHz 10M QPSK CH 21100
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	2534.999989	-11	6338	
3.87	25	2534.999992	-8	6338	
3.483	25	2535.000007	7	6338	
3.4 (End Point)	25	2535.000009	9	6338	
Freq. ERROR vs. Temp.					
3.87	-30	2535.000011	11	6338	
3.87	-20	2534.999999	-1	6338	
3.87	-10	2535.000012	12	6338	
3.87	0	2535.000007	7	6338	
3.87	10	2534.999991	-9	6338	
3.87	20	2535.000002	2	6338	
3.87	30	2534.999990	-10	6338	
3.87	40	2535.000005	5	6338	
3.87	50	2535.000009	9	6338	

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Reference Freq.:		LTE B12 Mid Channel		707.5	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	707.499989	-11	1769	
3.87	25	707.499993	-7	1769	
3.483	25	707.500001	1	1769	
3.4 (End Point)	25	707.500008	8	1769	
Freq. ERROR vs. Temp.					
3.87	-30	707.499989	-11	1769	
3.87	-20	707.499999	-1	1769	
3.87	-10	707.499994	-6	1769	
3.87	0	707.499992	-8	1769	
3.87	10	707.499990	-10	1769	
3.87	20	707.499993	-7	1769	
3.87	30	707.500005	5	1769	
3.87	40	707.500012	12	1769	
3.87	50	707.499996	-4	1769	

Reference Freq.:		LTE B17 Mid Channel		710	MHz 10M QPSK CH 23790
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	709.999993	-7	1775	
3.87	25	710.000009	9	1775	
3.483	25	709.999989	-11	1775	
3.4 (End Point)	25	710.000008	8	1775	
Freq. ERROR vs. Temp.					
3.87	-30	709.999999	-1	1775	
3.87	-20	710.000006	6	1775	
3.87	-10	709.999988	-12	1775	
3.87	0	709.999991	-9	1775	
3.87	10	710.000008	8	1775	
3.87	20	710.000011	11	1775	
3.87	30	710.000007	7	1775	
3.87	40	709.999995	-5	1775	
3.87	50	710.000012	12	1775	

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t (886-2) 2299-3279

f (886-2) 2298-0488

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Reference Freq.:		LTE B25 Mid Channel		1882.5	MHz 10M QPSK CH 26365
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	1882.500005	5	4706	
3.87	25	1882.500010	10	4706	
3.483	25	1882.499988	-12	4706	
3.4 (End Point)	25	1882.500003	3	4706	
Freq. ERROR vs. Temp.					
3.87	-30	1882.499991	-9	4706	
3.87	-20	1882.500007	7	4706	
3.87	-10	1882.499993	-7	4706	
3.87	0	1882.499999	-1	4706	
3.87	10	1882.500006	6	4706	
3.87	20	1882.499998	-2	4706	
3.87	30	1882.499988	-12	4706	
3.87	40	1882.500010	10	4706	
3.87	50	1882.500006	6	4706	
Reference Freq.:		LTE B26 Mid Channel		831.5	MHz 10M QPSK CH 26865
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	831.499993	-7	2079	
3.87	25	831.500005	5	2079	
3.483	25	831.500011	11	2079	
3.4 (End Point)	25	831.500006	6	2079	
Freq. ERROR vs. Temp.					
3.87	-30	831.500006	6	2079	
3.87	-20	831.499999	-1	2079	
3.87	-10	831.499991	-9	2079	
3.87	0	831.499992	-8	2079	
3.87	10	831.499989	-11	2079	
3.87	20	831.500009	9	2079	
3.87	30	831.499995	-5	2079	
3.87	40	831.500007	7	2079	
3.87	50	831.499996	-4	2079	

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t (886-2) 2299-3279

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Reference Freq.:		Part 90 LTE B26 Mid Channel		819	MHz 10M QPSK CH 26740
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S)					
4.257	25	818.999995	-5	2048	
3.87	25	819.000012	12	2048	
3.483	25	819.000003	3	2048	
3.4 (End Point)	25	818.999994	-6	2048	
Freq. ERROR vs. Temp.					
3.87	-30	818.999995	-5	2048	
3.87	-20	819.000007	7	2048	
3.87	-10	819.000011	11	2048	
3.87	0	818.999993	-7	2048	
3.87	10	818.999992	-8	2048	
3.87	20	818.999997	-3	2048	
3.87	30	818.999996	-4	2048	
3.87	40	818.999990	-10	2048	
3.87	50	818.999994	-6	2048	
Reference Freq.:		LTE B30 Mid Channel		2310	MHz 10M QPSK CH 27710
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	2309.999996	-4	5775	
3.87	25	2309.999989	-11	5775	
3.483	25	2310.000006	6	5775	
3.4 (End Point)	25	2309.999993	-7	5775	
Freq. ERROR vs. Temp.					
3.87	-30	2309.999997	-3	5775	
3.87	-20	2309.999989	-11	5775	
3.87	-10	2310.000007	7	5775	
3.87	0	2310.000001	1	5775	
3.87	10	2309.999992	-8	5775	
3.87	20	2310.000002	2	5775	
3.87	30	2310.000012	12	5775	
3.87	40	2310.000005	5	5775	
3.87	50	2309.999997	-3	5775	

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Reference Freq.:		LTE B38 Mid Channel		2595	MHz 10M QPSK CH 38000
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	2595.000008	8	6488	
3.87	25	2595.000003	3	6488	
3.483	25	2594.999989	-11	6488	
3.4 (End Point)	25	2595.000005	5	6488	
Freq. ERROR vs. Temp.					
3.87	-30	2595.000003	3	6488	
3.87	-20	2595.000007	7	6488	
3.87	-10	2594.999993	-7	6488	
3.87	0	2594.999988	-12	6488	
3.87	10	2595.000010	10	6488	
3.87	20	2595.000011	11	6488	
3.87	30	2595.000009	9	6488	
3.87	40	2594.999994	-6	6488	
3.87	50	2595.000007	7	6488	
Reference Freq.:		LTE B41 Mid Channel		2593	MHz 10M QPSK CH 40620
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	2592.999997	-3	6483	
3.87	25	2592.999989	-11	6483	
3.483	25	2593.000006	6	6483	
3.4 (End Point)	25	2593.000009	9	6483	
Freq. ERROR vs. Temp.					
3.87	-30	2592.999989	-11	6483	
3.87	-20	2593.000010	10	6483	
3.87	-10	2593.000005	5	6483	
3.87	0	2593.000001	1	6483	
3.87	10	2593.000002	2	6483	
3.87	20	2593.000007	7	6483	
3.87	30	2592.999997	-3	6483	
3.87	40	2593.000006	6	6483	
3.87	50	2592.999991	-9	6483	

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Reference Freq.:		LTE B66 Mid Channel		1745	MHz 10M QPSK CH 132322
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	1745.000012	12	4363	
3.87	25	1745.000003	3	4363	
3.483	25	1745.000009	9	4363	
3.4 (End Point)	25	1744.999994	-6	4363	
Freq. ERROR vs. Temp.					
3.87	-30	1745.000007	7	4363	
3.87	-20	1745.000005	5	4363	
3.87	-10	1745.000010	10	4363	
3.87	0	1744.999991	-9	4363	
3.87	10	1744.999993	-7	4363	
3.87	20	1744.999999	-1	4363	
3.87	30	1745.000012	12	4363	
3.87	40	1744.999999	-1	4363	
3.87	50	1744.999996	-4	4363	
Reference Freq.:		LTE B71 Mid Channel		681	MHz 10M QPSK CH 133297
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit = +/- 2.5 ppm (Hz)	
Freq. ERROR vs. VOLTAGE					
4.257	25	680.499990	-10	6488	
3.87	25	680.500011	11	6488	
3.483	25	680.499995	-5	6488	
3.4 (End Point)	25	680.500009	9	6488	
Freq. ERROR vs. Temp.					
3.87	-30	680.500008	8	6488	
3.87	-20	680.499996	-4	6488	
3.87	-10	680.499998	-2	6488	
3.87	0	680.499994	-6	6488	
3.87	10	680.500001	1	6488	
3.87	20	680.500007	7	6488	
3.87	30	680.499988	-12	6488	
3.87	40	680.499997	-3	6488	
3.87	50	680.500005	5	6488	

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f (886-2) 2298-0488

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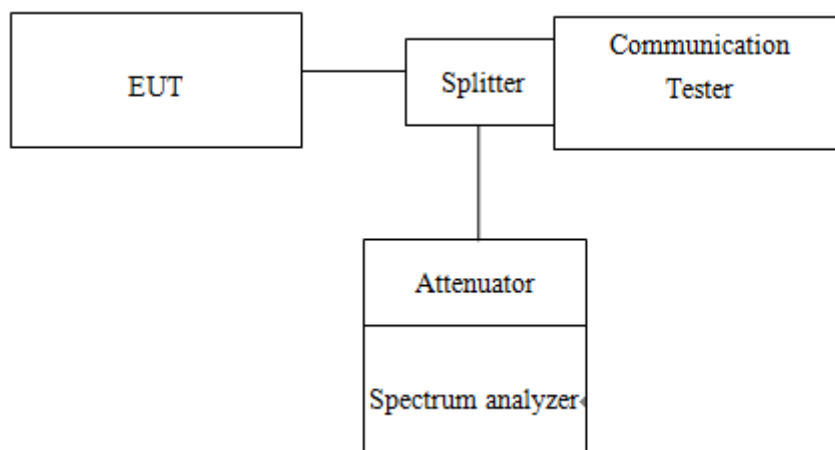
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11 PEAK TO AVERAGE RATIO

11.1 Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

11.2 Test SET-UP



11.3 Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth \geq signal's occupied bandwidth; & internal = 1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

11.4 Measurement Equipment Used

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/21/2020	04/20/2021
DC Power Supply	Agilent	E3640A	MY40005907	10/29/2020	10/28/2021
Radio Communication Analyzer	Anritsu	MT8815A	6200429620	01/15/2021	01/14/2022
Radio Communication Analyzer	Anritsu	MT8821C	6261786084	01/20/2021	01/19/2022
Temperature Chamber	TERCHY	MHG-120LF	911009	05/20/2020	05/19/2021
Attenuator	Mini-Circuit	BW-S10W2+	2	12/16/2020	12/15/2021
DC Block	Mini-Circuits	BLK-18-S+	1	12/16/2020	12/15/2021
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-018	12/16/2020	12/15/2021

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11.5 Measurement Result

Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		GSM 850	GPRS 850	EDGE 850
824.2	128	9.81	9.41	11.93
836.6	190	10.07	10.23	12.74
848.8	251	9.67	9.33	8.35
Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		GSM 1900	GPRS 1900	EDGE 1900
1850.2	512	9.8	10.21	12.82
1880	661	9.34	9.56	12.2
1909.8	810	10.08	9.7	12.78
Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA II	HSDPA II	HSUPA II
1852.4	9262	2.94	3.90	3.81
1880	9400	2.94	3.79	3.73
1907.6	9538	2.94	3.72	3.81
Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA IV	HSDPA IV	HSUPA IV
1712.4	1312	2.92	3.87	3.67
1732.6	1413	2.88	3.83	3.62
1752.6	1513	2.84	3.78	3.60
Freq. (MHz)	CH	Peak-to-Average Ratio (dB)		
		WCDMA V	HSDPA V	HSUPA V
826.4	4132	3.03	3.88	3.67
836.6	4183	2.98	4.28	4.23
846.6	4233	3.01	4.14	3.75

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LTE BAND 2							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1850.7	18607	6.61	13	1851.5	18615	6.72	13
1880.0	18900	6.64	13	1880.0	18900	6.72	13
1909.3	19193	6.62	13	1908.5	19185	6.47	13

LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1852.5	18625	6.64	13	1855.0	18650	6.48	13
1880.0	18900	6.46	13	1880.0	18900	6.57	13
1907.5	19175	6.56	13	1905.0	19150	6.36	13

LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1857.5	18675	6.57	13	1860.0	18700	7.10	13
1880.0	18900	6.67	13	1880.0	18900	6.83	13
1902.5	19125	6.58	13	1900.0	19100	6.87	13

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LTE BAND 4							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1710.7	19957	6.77	13	1711.5	19965	6.61	13
1732.5	20175	6.46	13	1732.5	20175	6.71	13
1754.3	20393	6.63	13	1753.5	20385	6.47	13

LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1712.5	19957	6.94	13	1715.0	20000	6.50	13
1732.5	20175	6.65	13	1732.5	20175	6.58	13
1752.5	20375	6.73	13	1750.0	20350	6.62	13

LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1717.5	20025	6.55	13	1720.0	20050	6.91	13
1732.5	20175	6.69	13	1732.5	20175	7.05	13
1747.5	20325	6.47	13	1745.0	20300	6.87	13

LTE BAND 5							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
824.7	20407	6.93	13	825.5	20415	6.69	13
836.5	20525	6.51	13	836.5	20525	6.33	13
848.3	20643	6.88	13	847.5	20635	6.37	13

LTE BAND 5							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
826.5	20425	6.85	13	829.0	20450	6.42	13
836.5	20525	6.48	13	836.5	20525	6.61	13
846.5	20625	6.67	13	844.0	20600	6.71	13

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LTE BAND 7							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2502.5	20775	6.45	13	2505.0	20800	6.61	13
2535.0	21100	6.55	13	2535.0	21100	6.69	13
2567.5	21375	6.25	13	2565.0	21350	6.25	13

LTE BAND 7							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2507.5	20825	6.54	13	2510	20850	6.87	13
2535.0	21100	6.46	13	2535	21100	6.74	13
2562.5	21375	6.59	13	2560	21350	7.03	13

LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
699.7	23017	7.04	13	700.5	23025	6.60	13
707.5	23095	6.69	13	707.5	23095	6.65	13
715.3	23173	6.84	13	714.5	23165	6.74	13

LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
701.5	23035	6.54	13	704.0	23060	6.92	13
707.5	23095	6.48	13	707.5	23095	6.36	13
713.5	23155	6.59	13	711.0	23130	6.40	13

LTE BAND 17							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
706.5	23755	6.60	13	709.0	23780	6.28	13
710.0	23790	6.63	13	710.0	23790	6.60	13
713.5	23825	6.78	13	711.0	23800	6.38	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)	
		64QAM	Limit			64QAM	Limit
1850.7	26047	6.58	13	1851.5	26055	6.56	13
1882.5	26365	6.59	13	1882.5	26365	6.63	13
1914.3	26683	6.71	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)	
		64QAM	Limit			64QAM	Limit
1852.5	26065	6.64	13	1855.0	26090	6.40	13
1882.5	26365	6.66	13	1882.5	26365	6.49	13
1912.5	26665	6.35	13	1910.0	26640	6.47	13

LTE BAND 25							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1857.5	26115	6.57	13	1860.0	26140	6.83	13
1882.5	26365	6.38	13	1882.5	26365	6.90	13
1907.5	26615	6.71	13	1905.0	26590	6.88	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)	
		64QAM	Limit			64QAM	Limit
814.7	26697	6.85	13	815.5	26705	6.59	13
831.5	26865	6.67	13	831.5	26865	6.46	13
848.3	27033	6.74	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)	
		64QAM	Limit			64QAM	Limit
816.5	26715	6.78	13	820.0	26750	6.61	13
831.5	26865	6.89	13	831.5	26865	6.26	13
846.5	27015	6.37	13	844.0	26990	6.53	13

LTE BAND 26							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)					
		64QAM	Limit				
822.5	26775	6.58	13				
831.5	26865	6.62	13				
841.5	26965	6.50	13				

LTE BAND 26 for part 90S							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
814.7	26697	6.95	13	815.5	26705	6.41	13
819.0	26740	6.74	13	819	26740	6.35	13
823.3	26783	6.61	13	822.5	26775	6.52	13

LTE BAND 26 for part 90S							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
816.5	26715	6.64	13	819.0	26740	6.34	13
819.0	26740	6.57	13				
821.5	26765	6.67	13				

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LTE BAND 30							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2307.5	27685	6.63	13	2310.0	27710	6.54	13
2310.0	27710	6.25	13				
2312.5	27735	6.48	13				
LTE BAND 38							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2572.5	37775	7.45	13	2575	37800	6.37	13
2595.0	38000	8.19	13	2595	38000	6.64	13
2617.5	38225	6.31	13	2615	38200	10.15	13

LTE BAND 38							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2577.5	37825	10.11	13	2580.0	37850	6.75	13
2595.0	38000	6.45	13	2595.0	38000	6.76	13
2612.5	38175	6.52	13	2610.0	38150	7.17	13
LTE BAND 41							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2498.5	39675	10.13	13	2501.0	39700	8.20	13
2593.0	40620	9.63	13	2593.0	40620	11.75	13
2687.5	41565	6.73	13	2685.0	41540	7.73	13

LTE BAND 41							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
2503.5	39725	7.34	13	2506.0	39750	7.22	13
2593.0	40620	7.02	13	2593.0	40620	6.91	13
2682.5	41515	9.27	13	2680.0	41490	7.17	13

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f (886-2) 2298-0488

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LTE BAND 66							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1710.7	131979	6.86	13	1711.5	131987	6.71	13
1745.0	132322	6.60	13	1745.0	132322	6.38	13
1779.3	132665	6.39	13	1778.5	132657	6.23	13

LTE BAND 66							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1712.5	131997	6.72	13	1715.0	132022	6.47	13
1745.0	132322	6.52	13	1745.0	132322	6.54	13
1777.5	132647	6.37	13	1775.0	132622	6.38	13

LTE BAND 66							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
1717.5	132047	6.45	13	1720.0	132072	6.63	13
1745.0	132322	6.67	13	1745.0	132322	6.54	13
1772.5	132597	6.34	13	1770.0	132572	6.76	13

LTE BAND 71							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
665.5	133147	6.85	13	668.0	133172	6.36	13
680.5	133297	6.65	13	680.5	133297	6.30	13
695.5	133447	6.61	13	693.0	133422	6.53	13

LTE BAND 71							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		64QAM	Limit			64QAM	Limit
670.5	133197	6.67	13	673.0	133222	7.01	13
680.5	133297	6.63	13	680.5	133297	8.27	13
690.5	133397	6.56	13	688.0	133372	7.02	13

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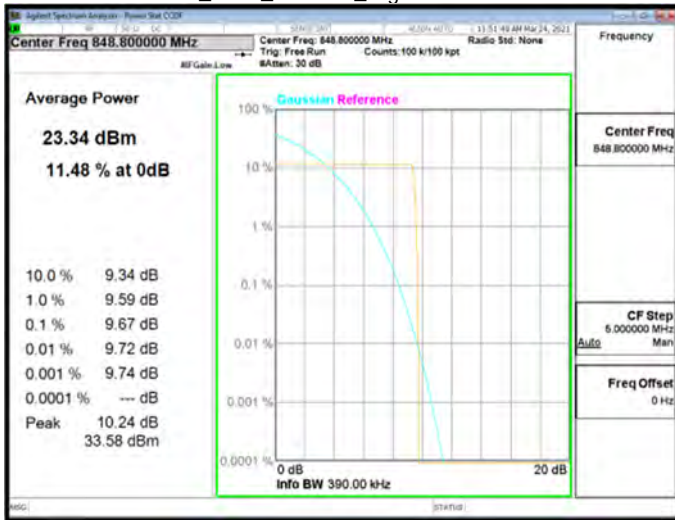
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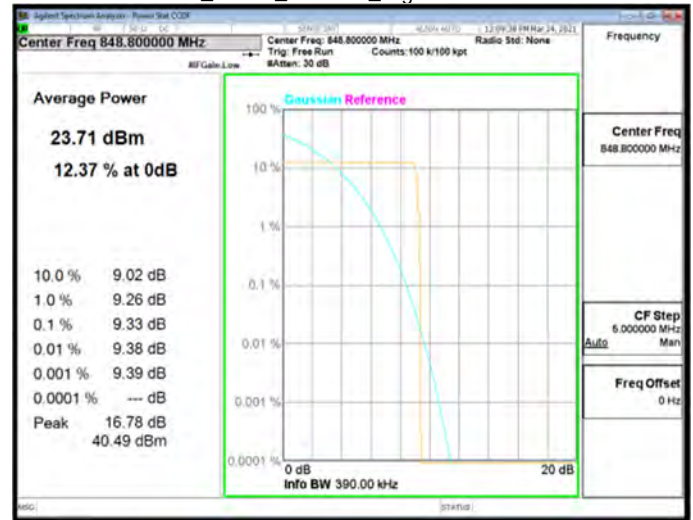
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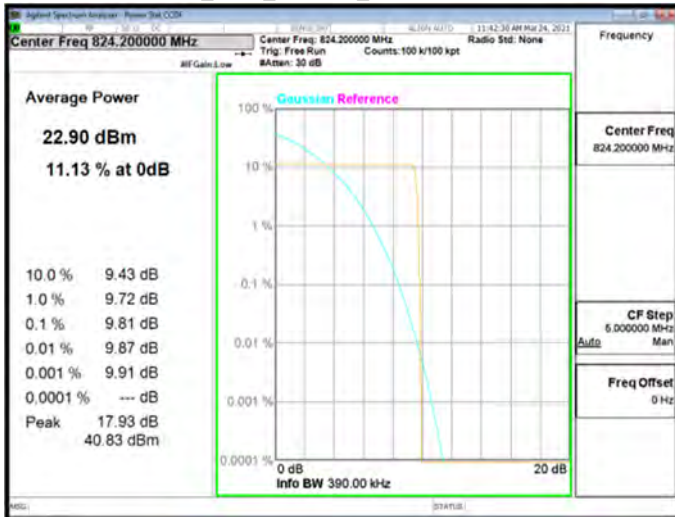
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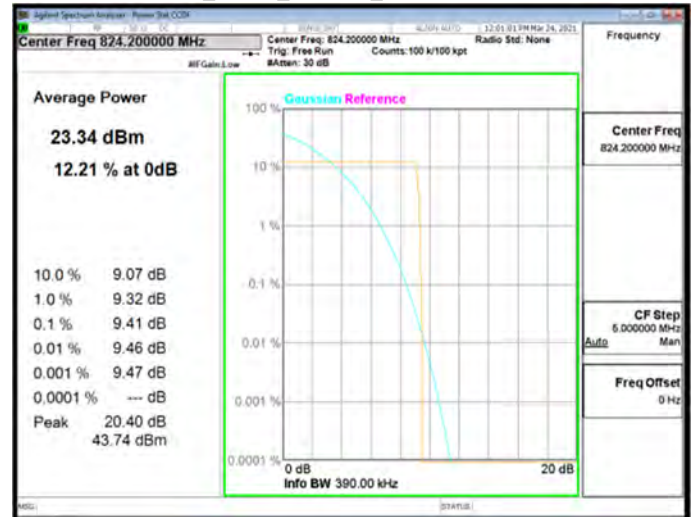
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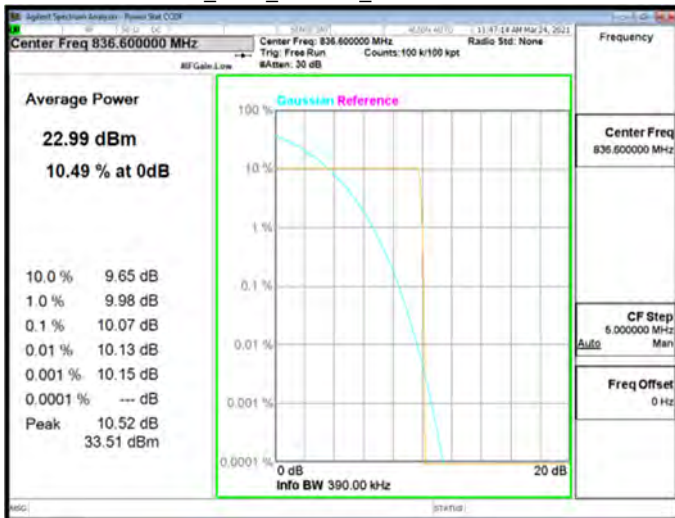
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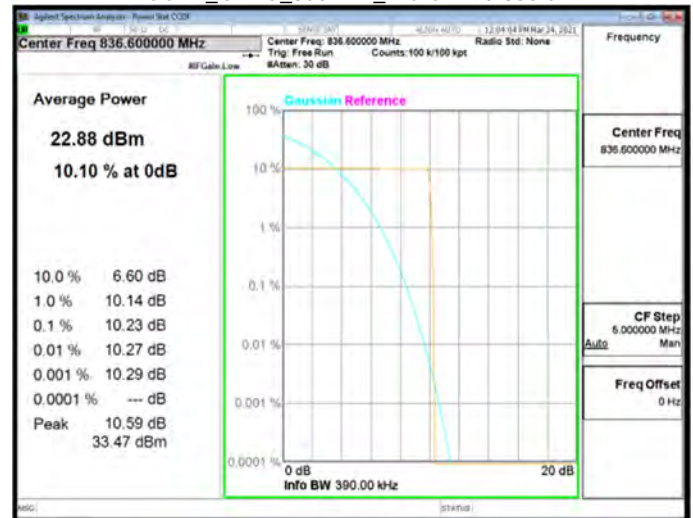
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CCDF_GSM_850MHz_Mid CH190-836.6



CCDF_GPRS_850MHz_Mid CH190-836.6

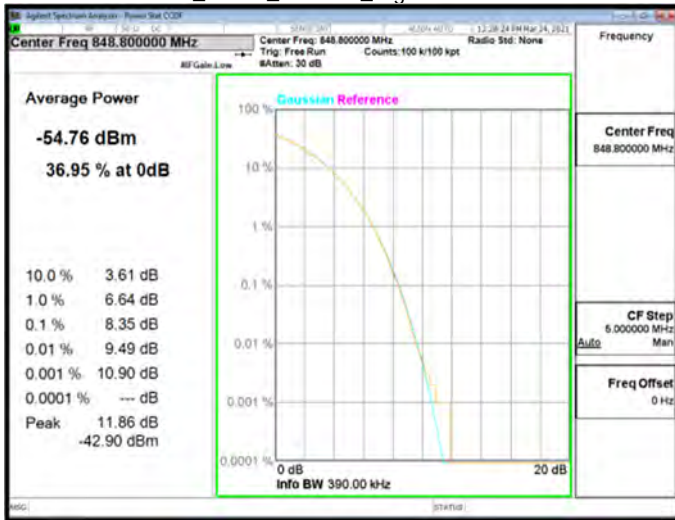


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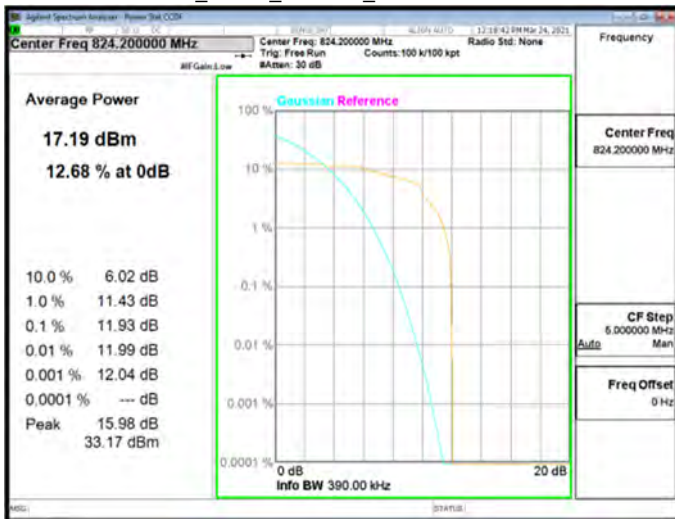
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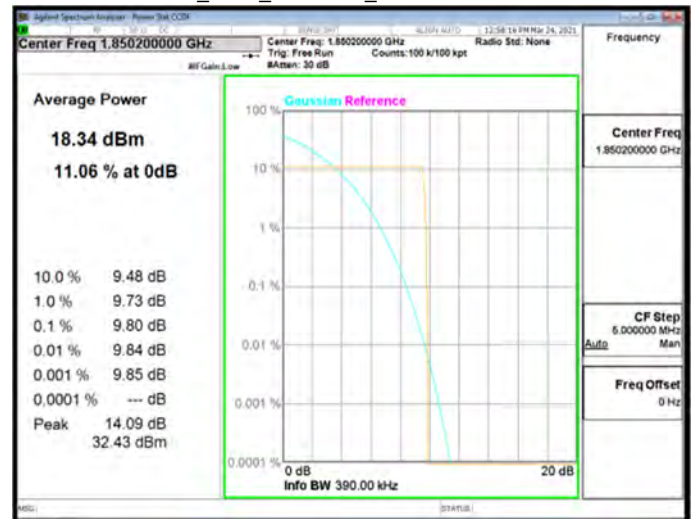
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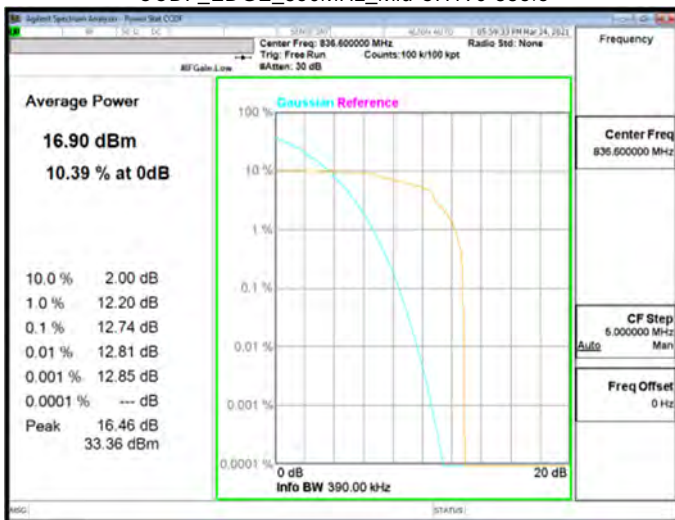
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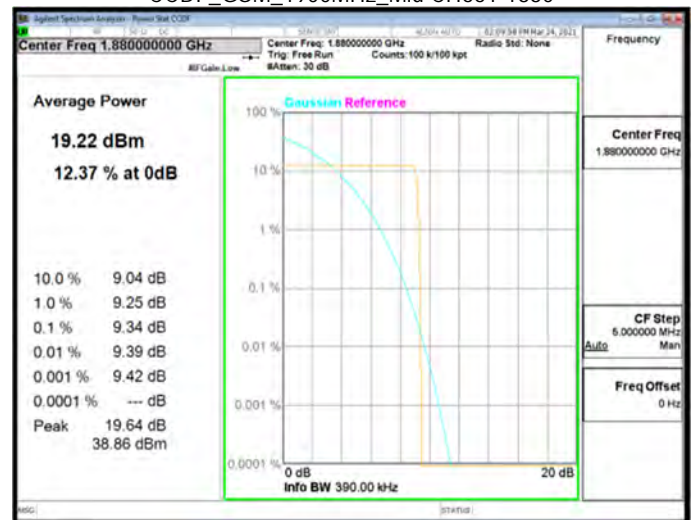
CCDF_GSM_1900MHz_Low CH512-1850.2



CCDF_EDGE_850MHz_Mid CH190-836.6



CCDF_GSM_1900MHz_Mid CH661-1880



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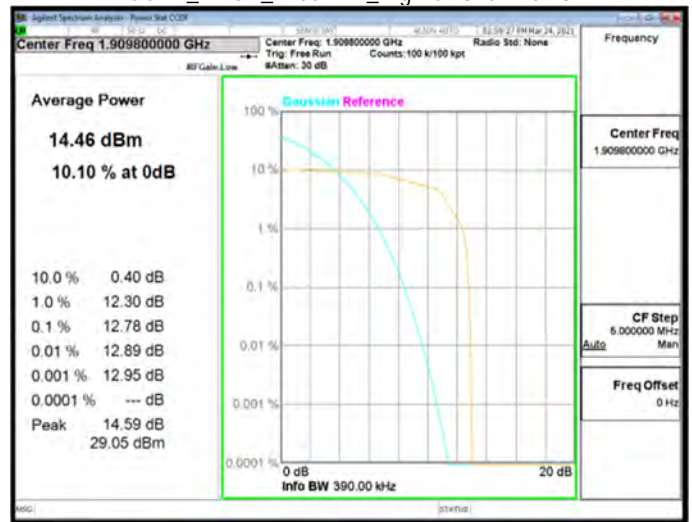
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CCDF_GPRS_1900MHz_High CH810-1909.8



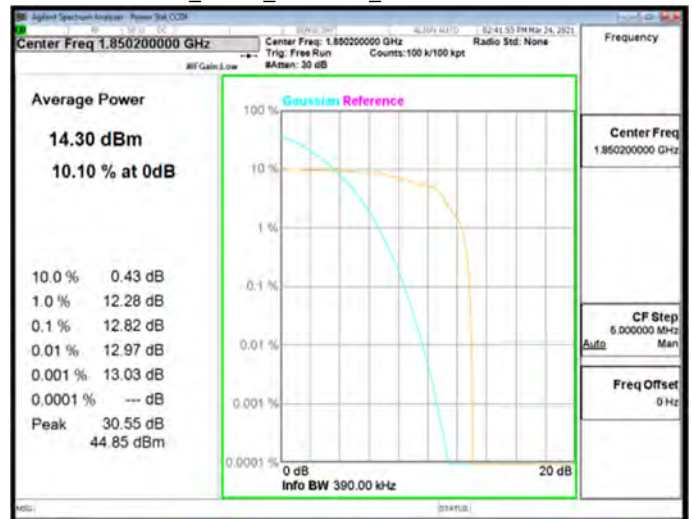
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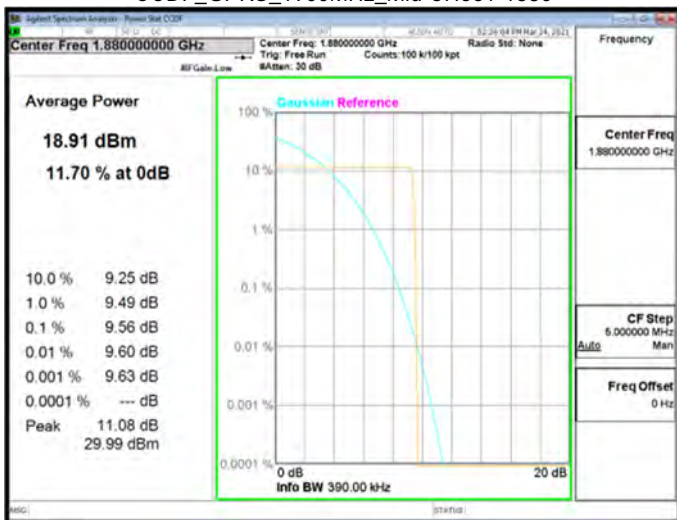
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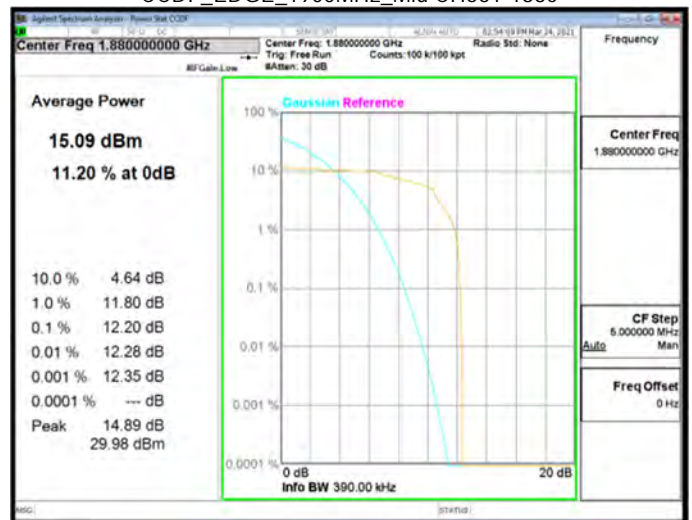
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CCDF_GPRS_1900MHz_Mid CH661-1880



CCDF_EDGE_1900MHz_Mid CH661-1880



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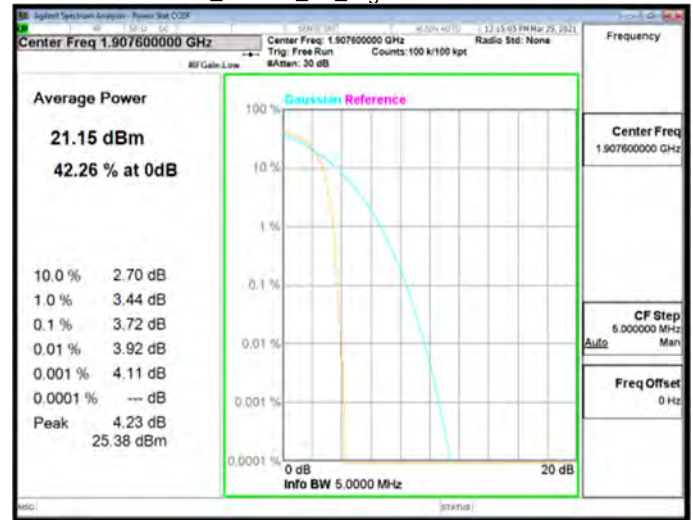
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CCDF_WCDMA_B2_High CH9538-1907.6



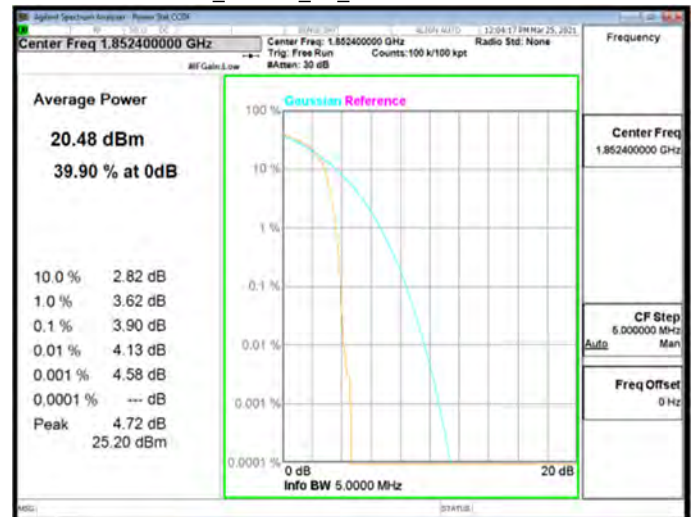
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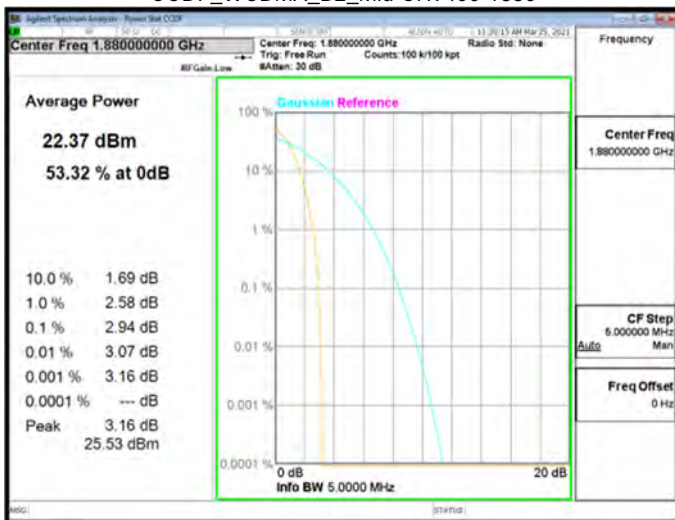
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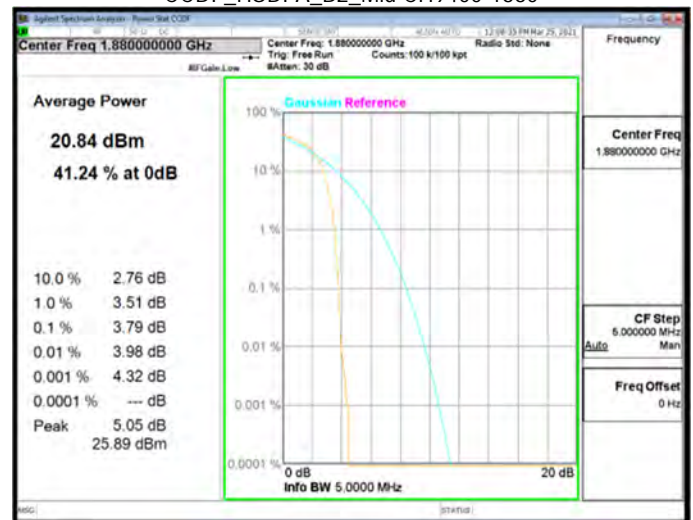
CCDF_HSDPA_B2_Low CH9262-1852.4



CCDF_WCDMA_B2_Mid CH9400-1880



CCDF_HSDPA_B2_Mid CH9400-1880



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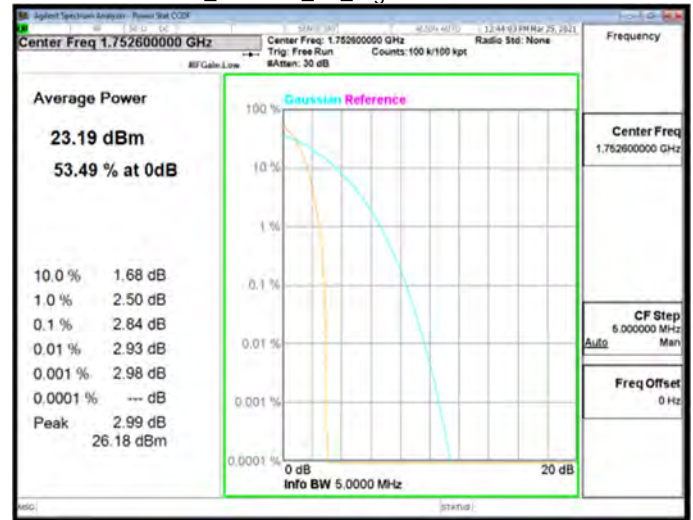
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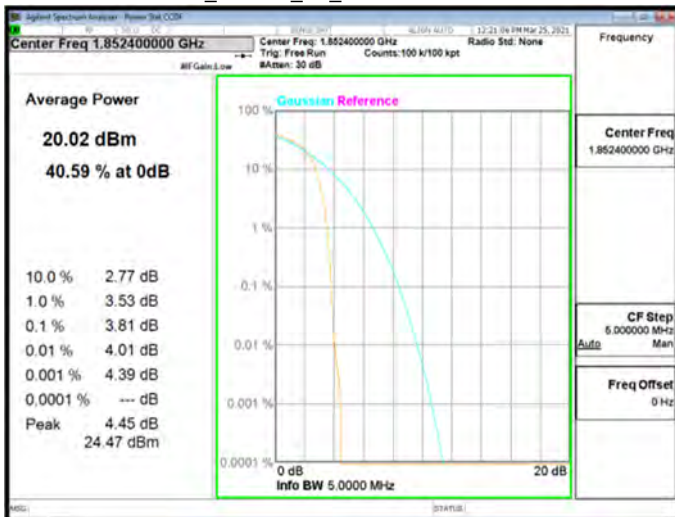
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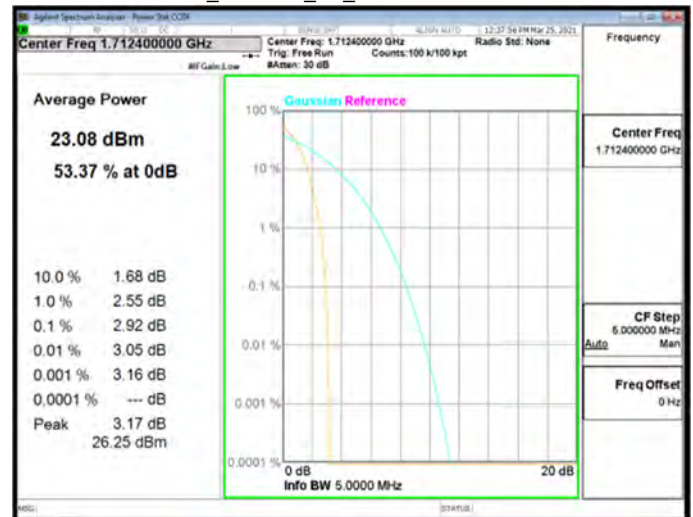
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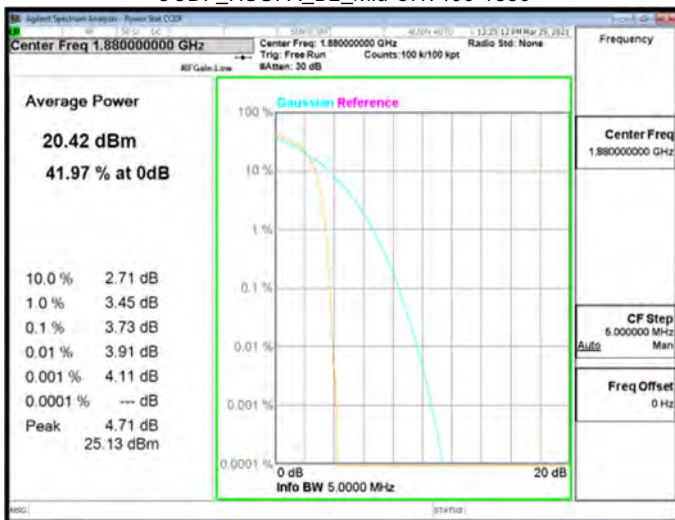
CCDF_HSUPA_B2_Low CH9262-1852.4



CCDF_WCDMA_B4_Low CH1312-1712.4



CCDF_HSUPA_B2_Mid CH9400-1880



CCDF_WCDMA_B4_Mid CH1413-1732.6

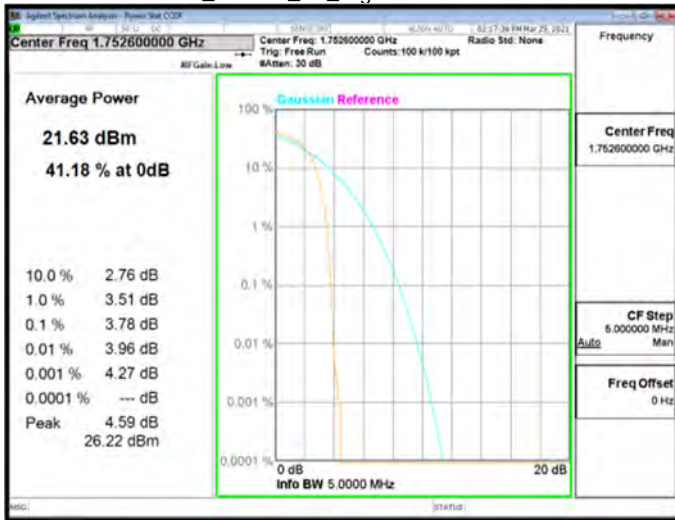


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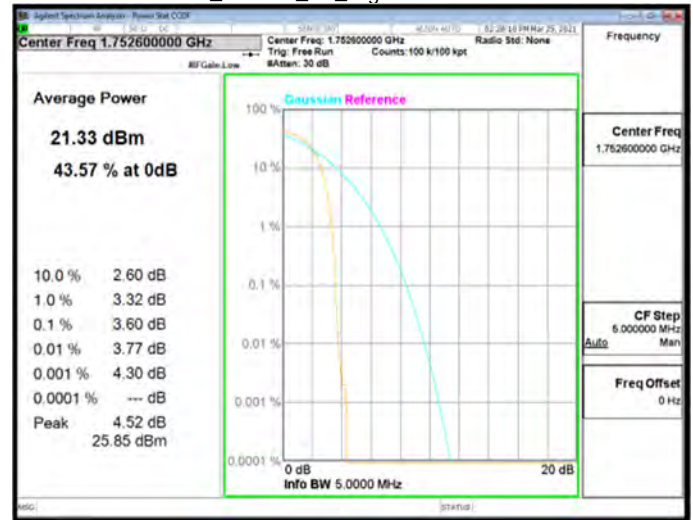
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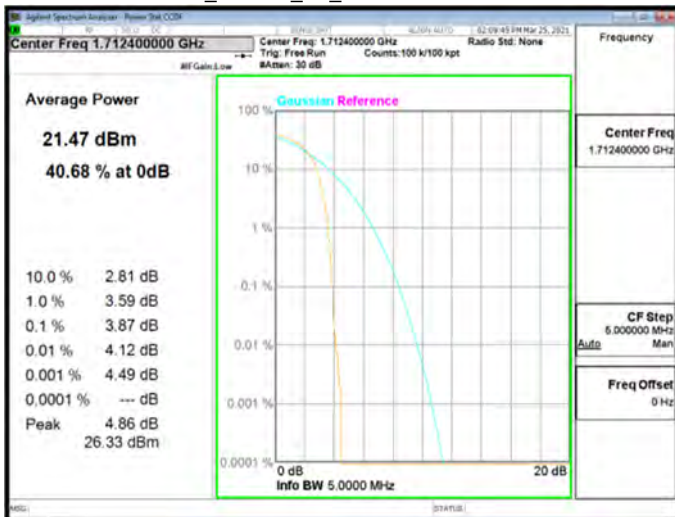
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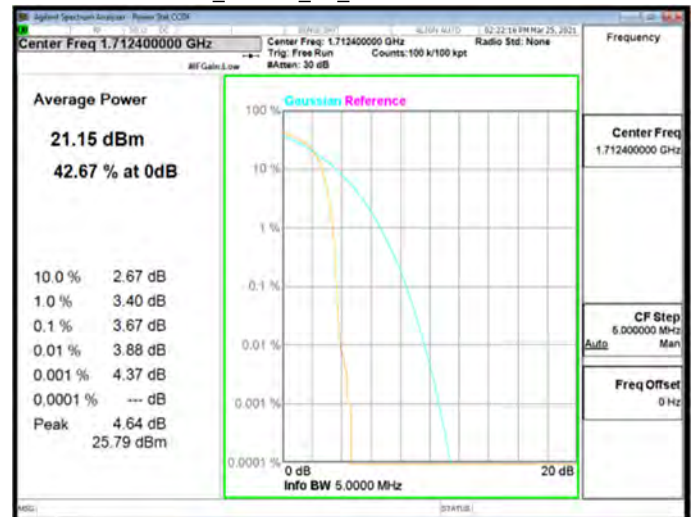
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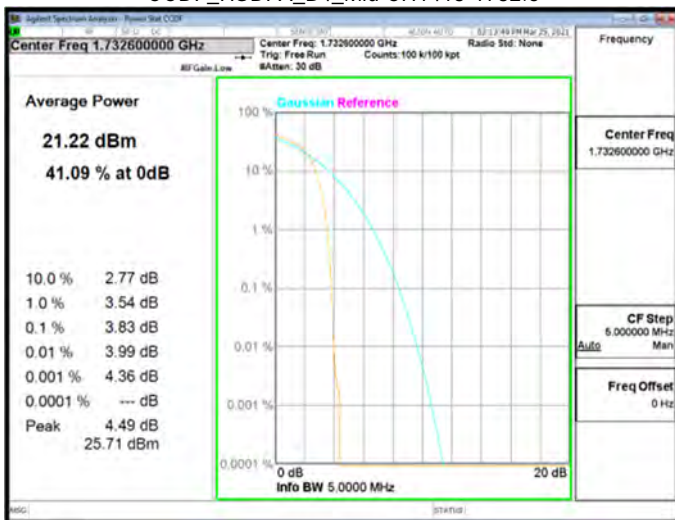
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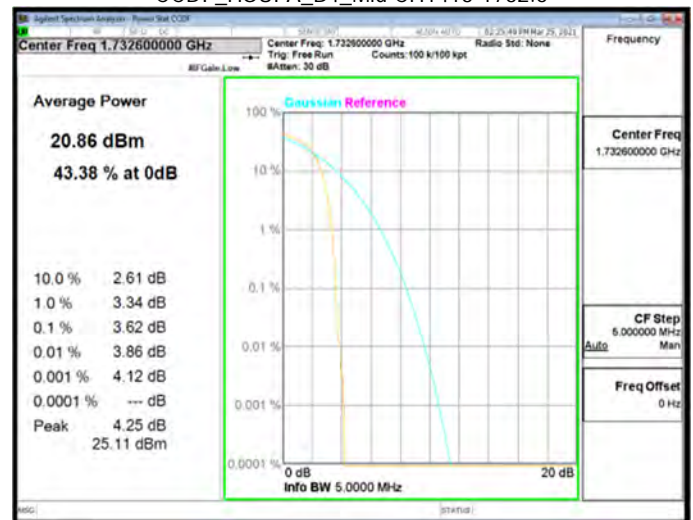
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CCDF_HSDPA_B4_Mid CH1413-1732.6



CCDF_HSUPA_B4_Mid CH1413-1732.6

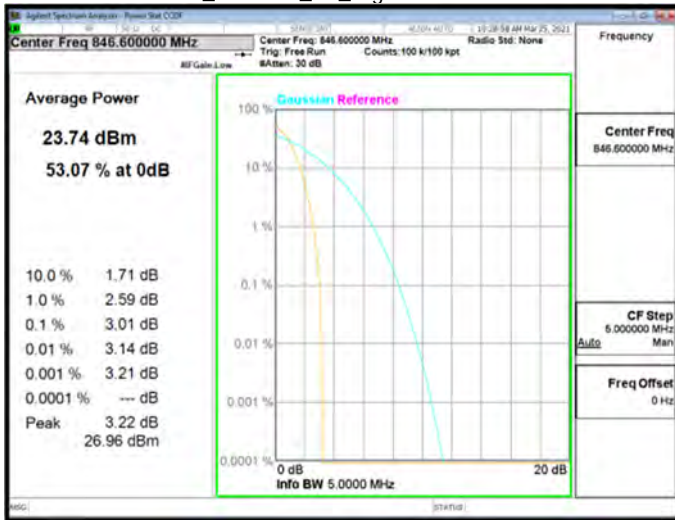


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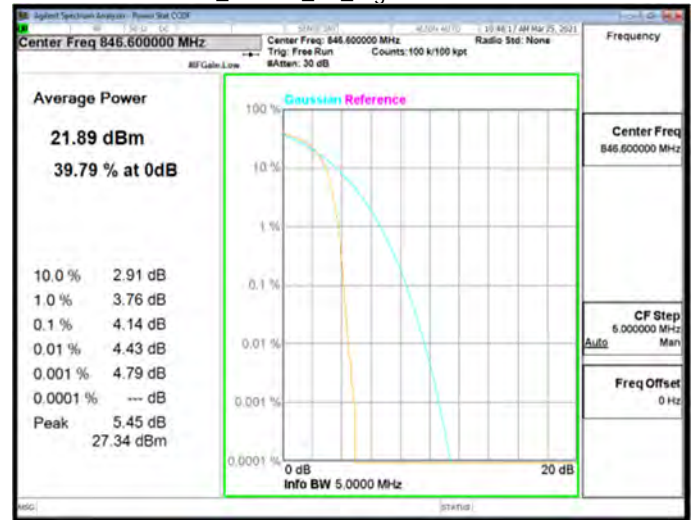
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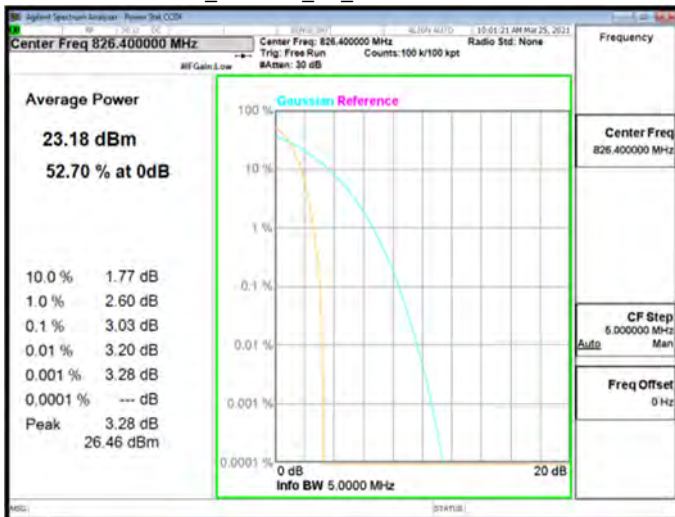
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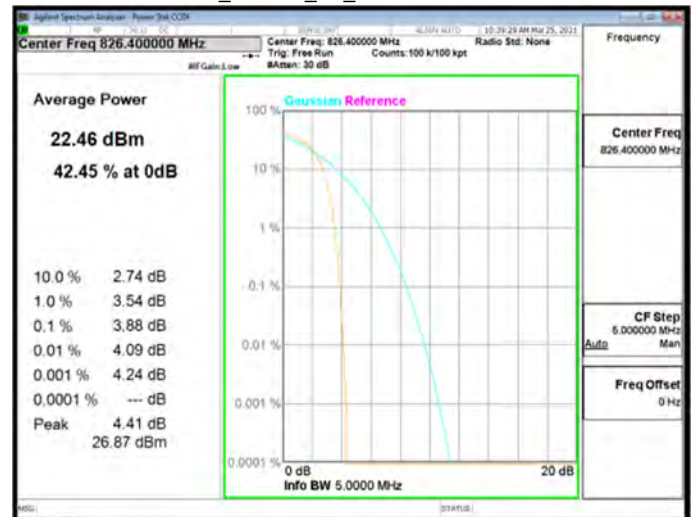
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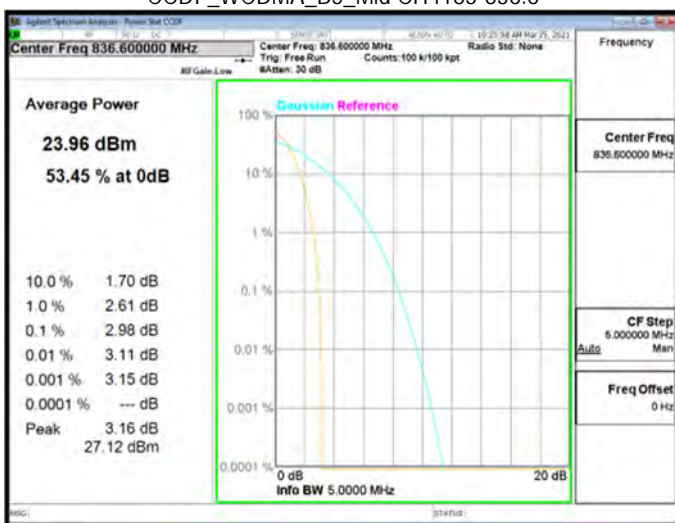
CCDF_WCDMA_B5_Low CH4132-826.4



CCDF_HSDPA_B5_Low CH4132-826.4



CCDF_WCDMA_B5_Mid CH4183-836.6



CCDF_HSDPA_B5_Mid CH4183-836.6

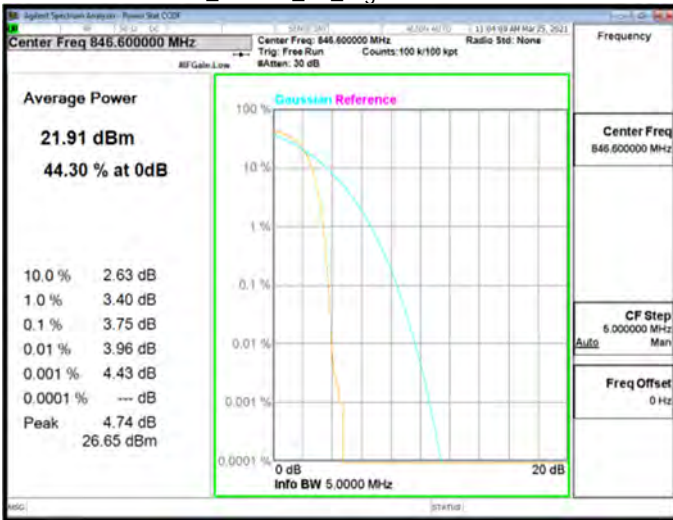


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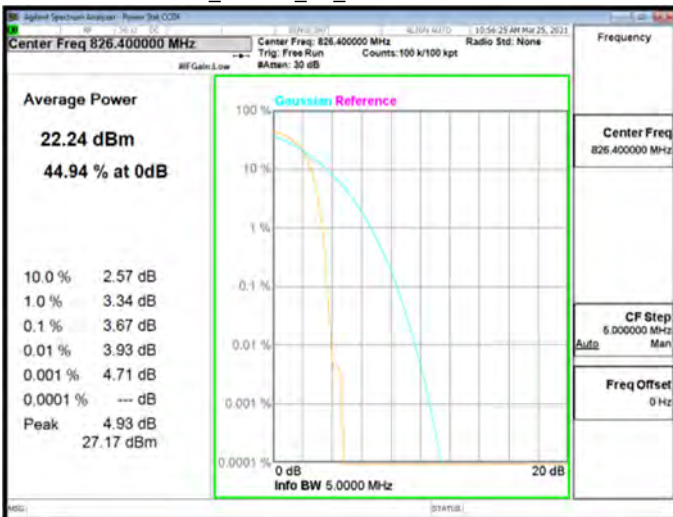
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CCDF_HSUPA_B5_High CH4233-846.6



CCDF_HSUPA_B5_Low CH4132-826.4



CCDF_HSUPA_B5_Mid CH4183-836.6



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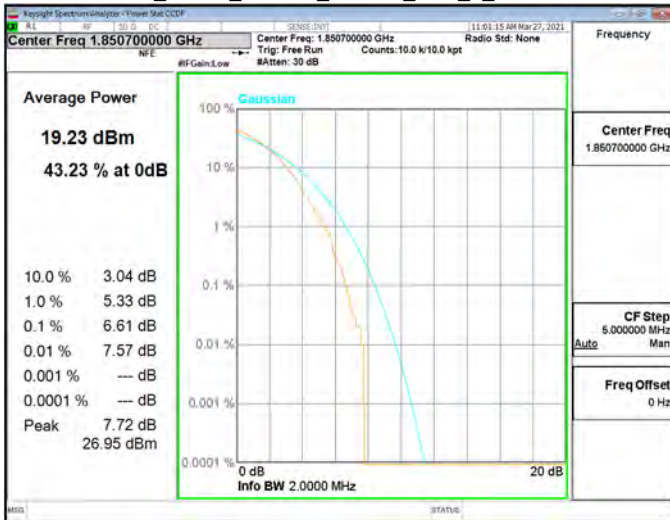
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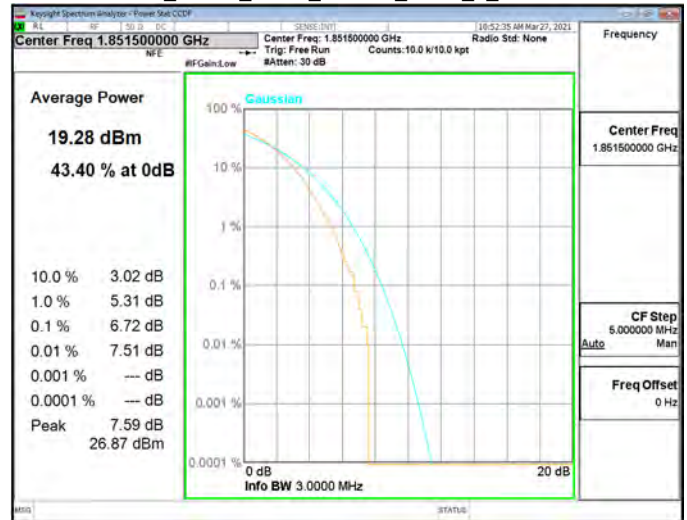
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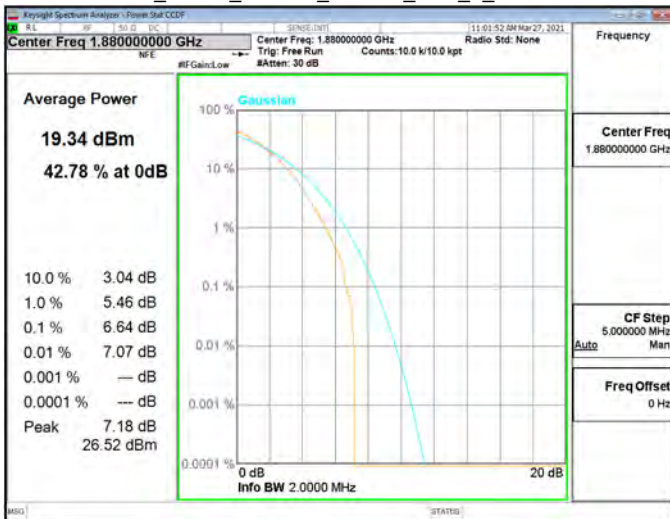
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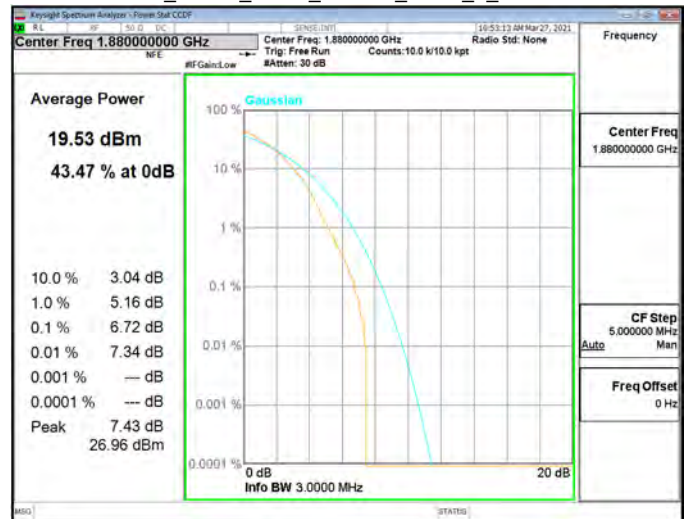
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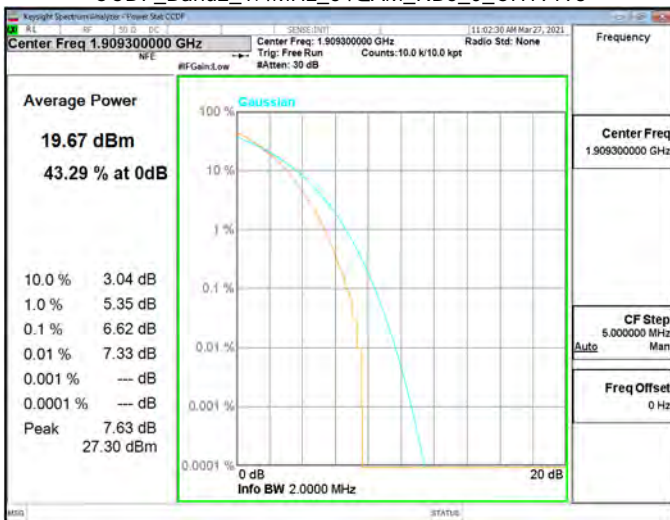
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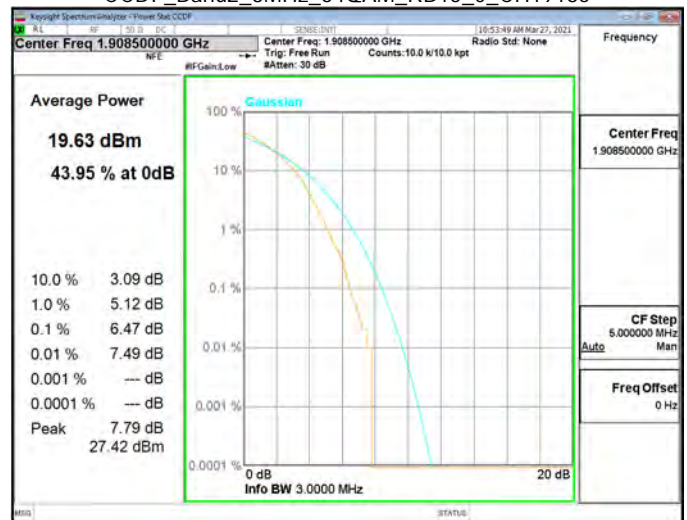
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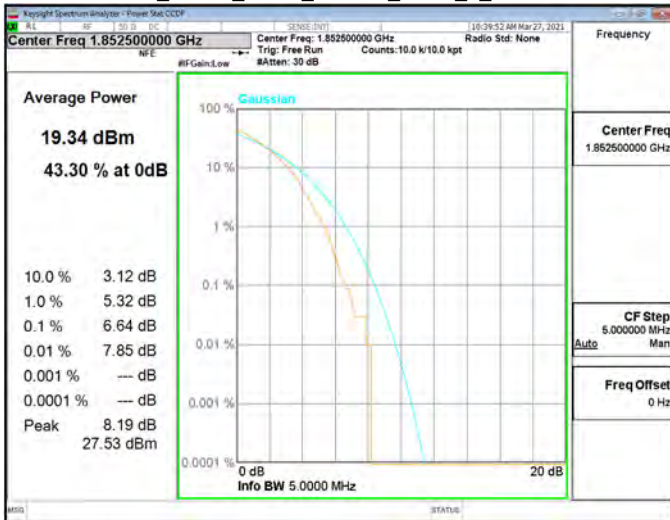


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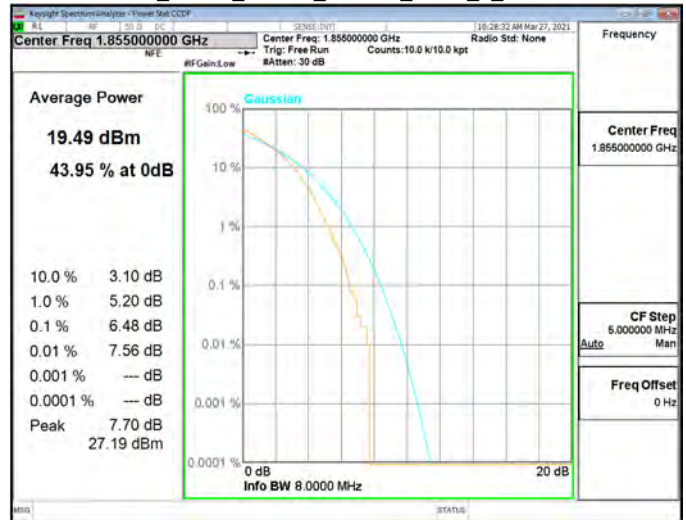
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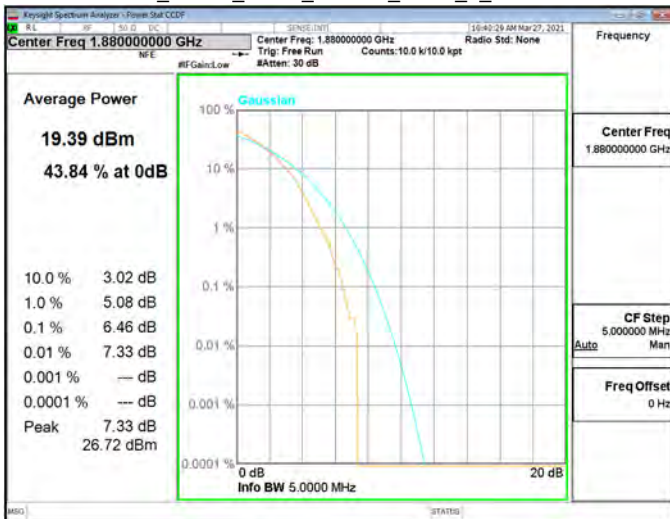
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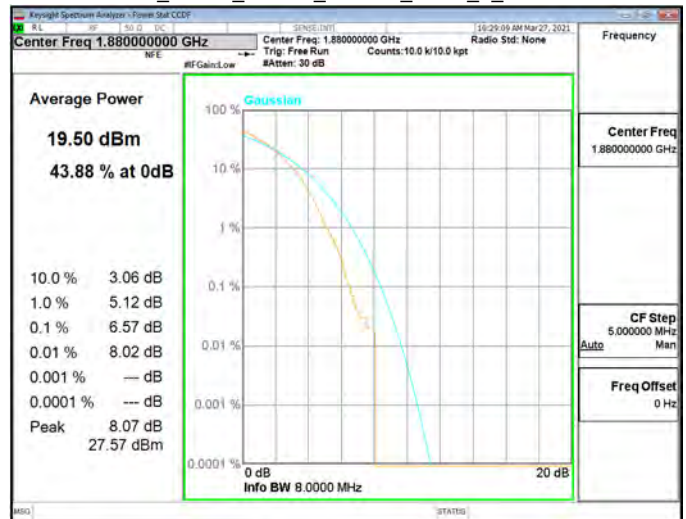
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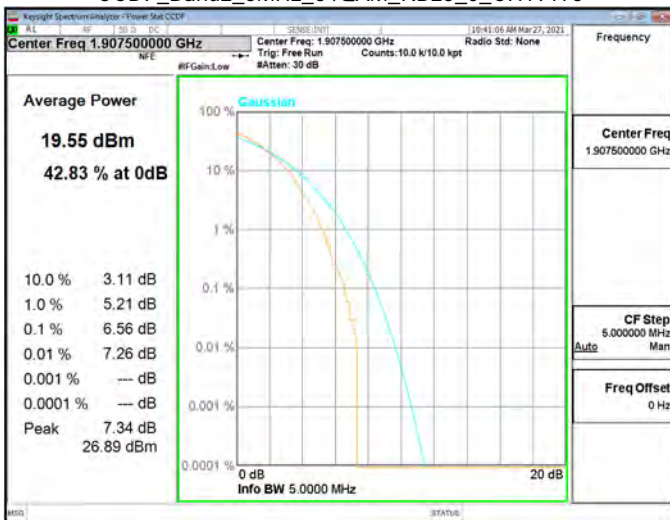
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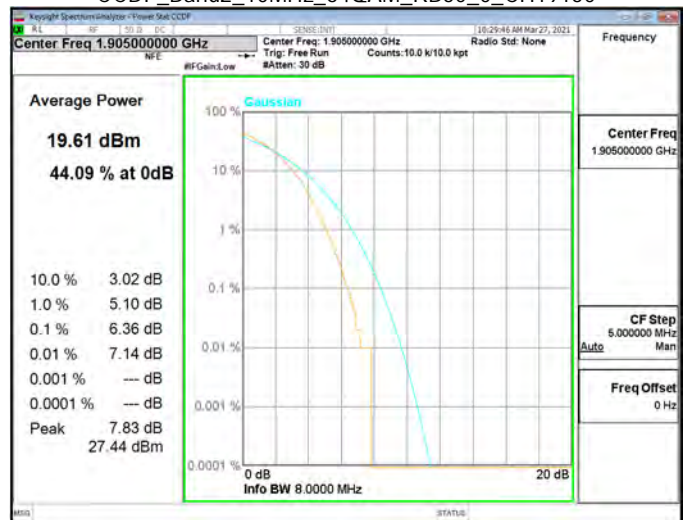
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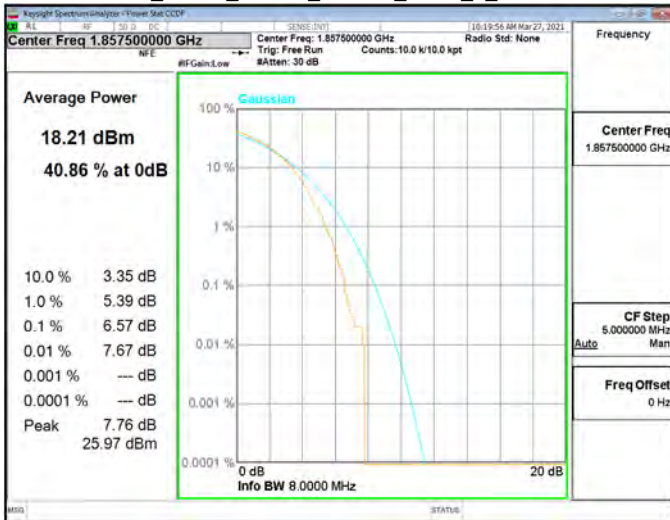


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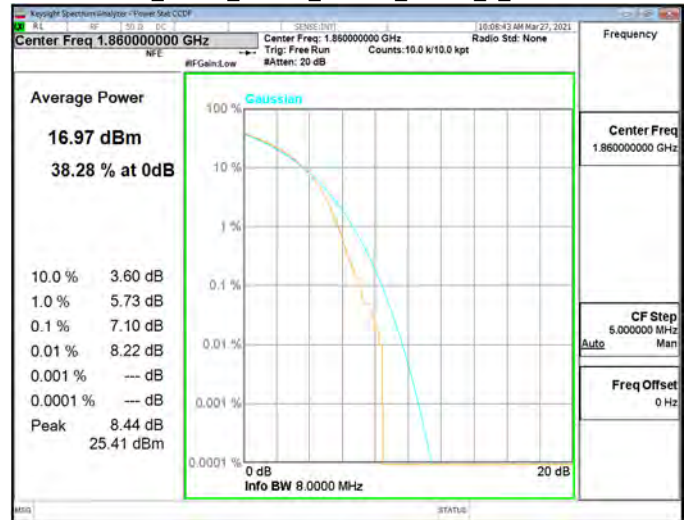
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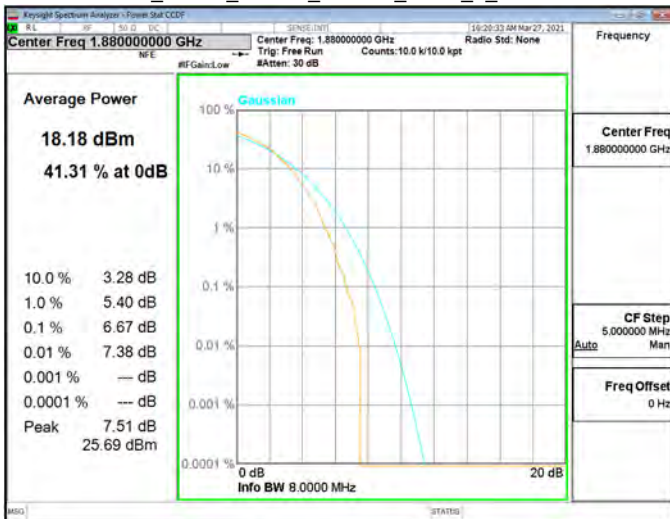
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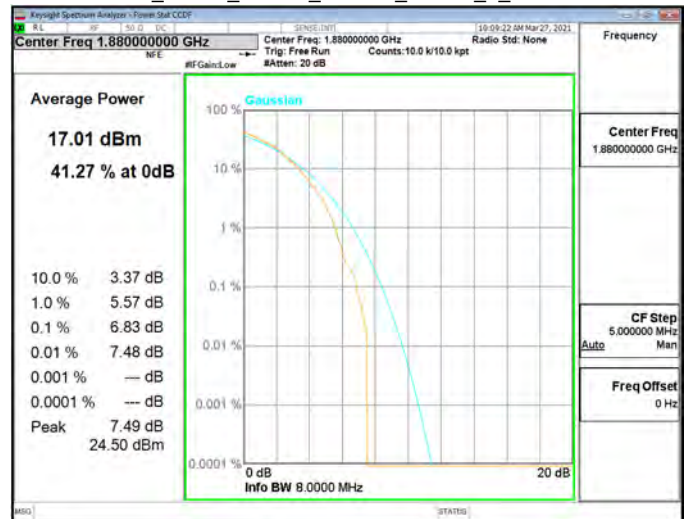
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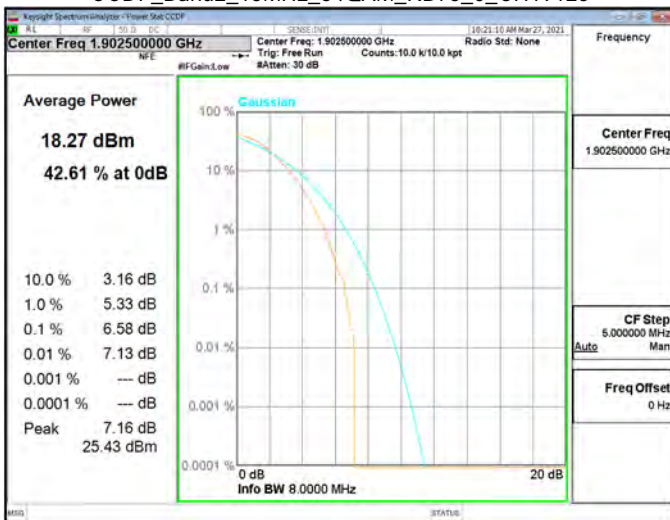
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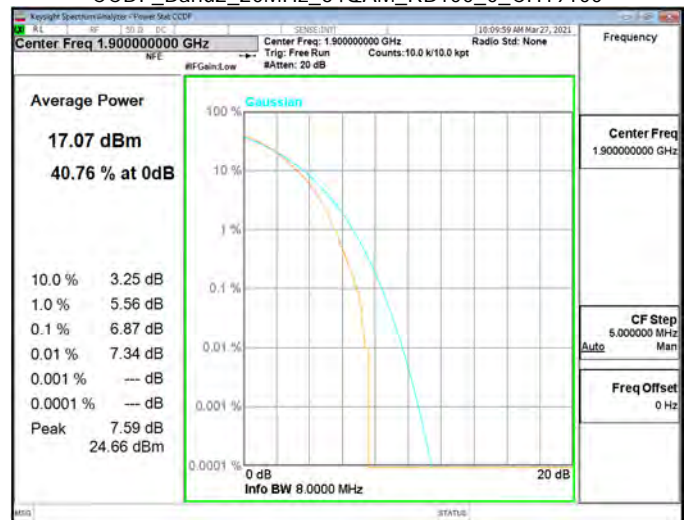
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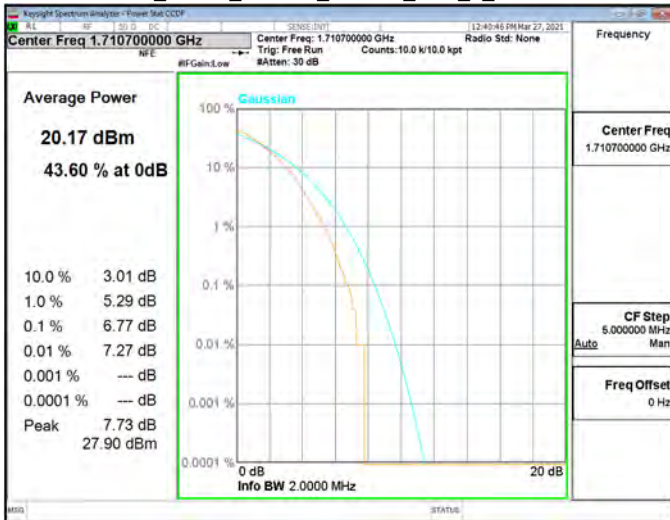


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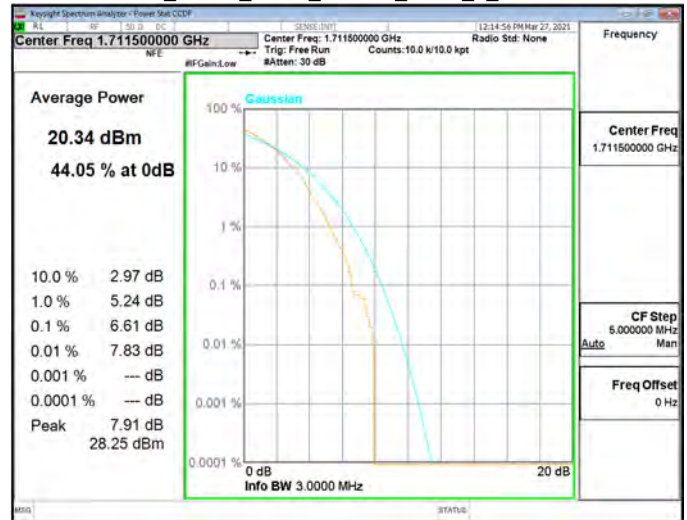
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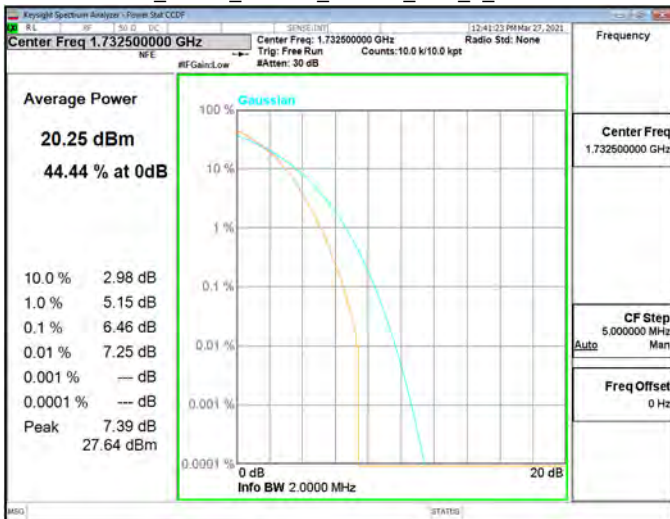
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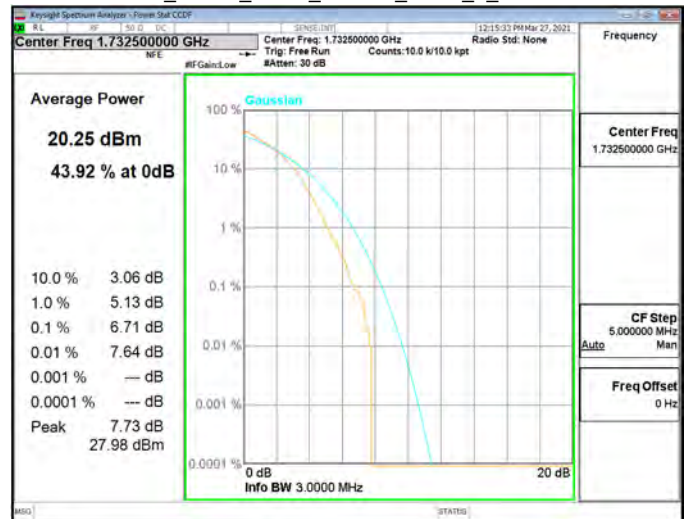
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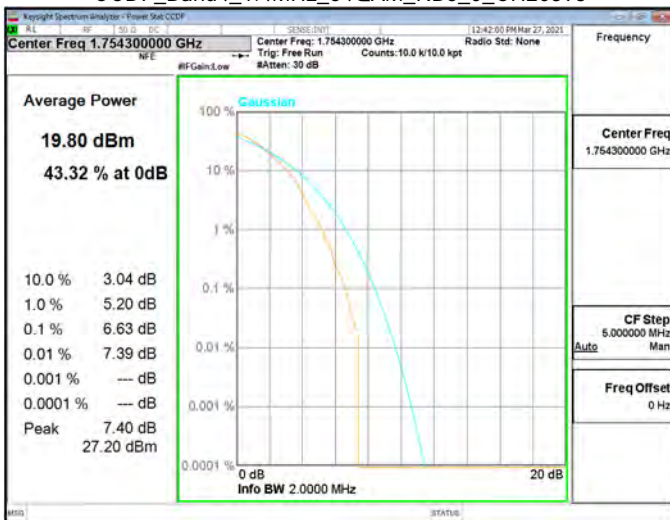
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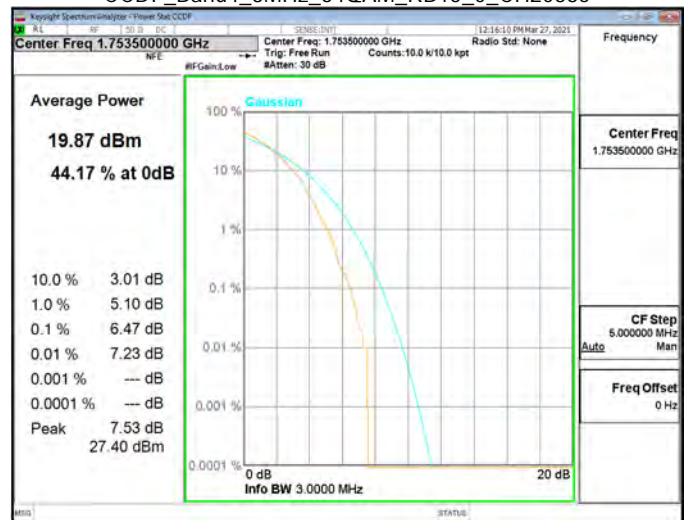
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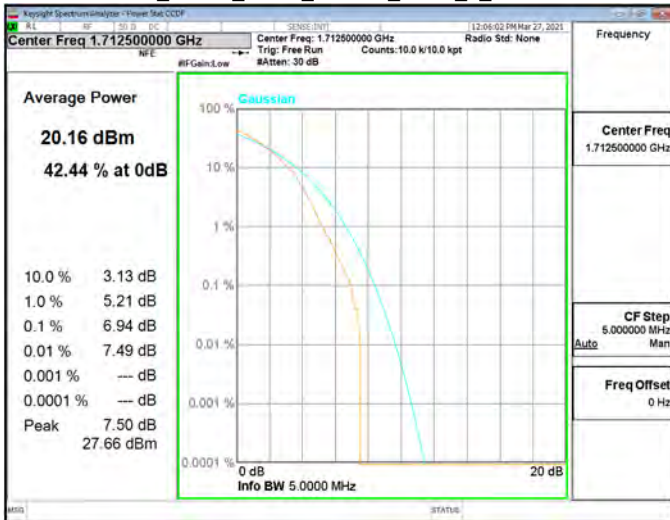


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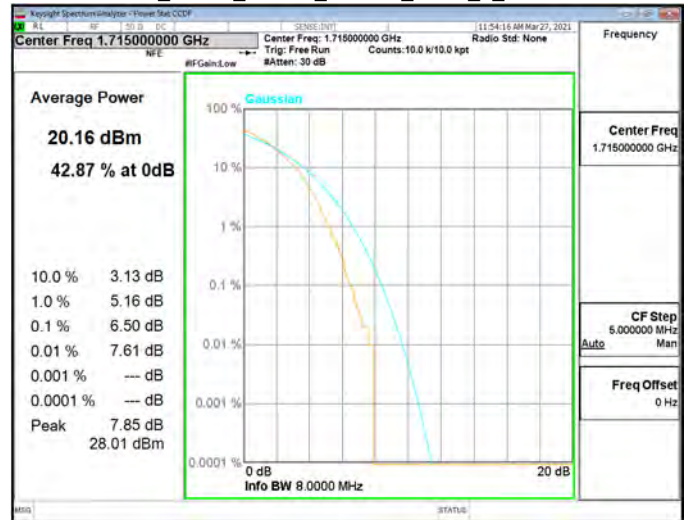
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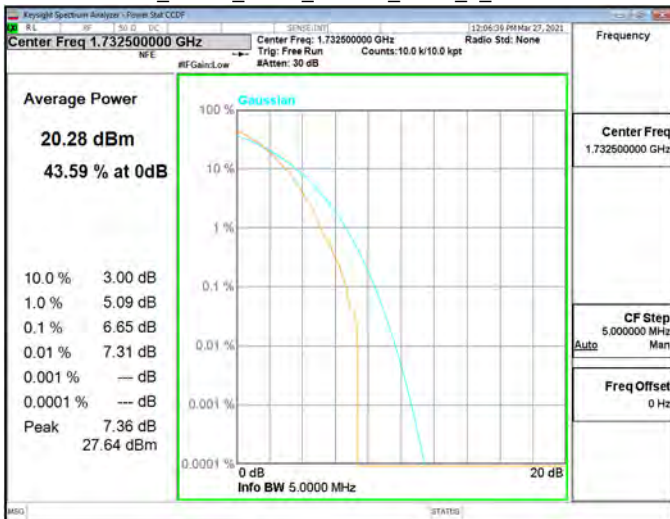
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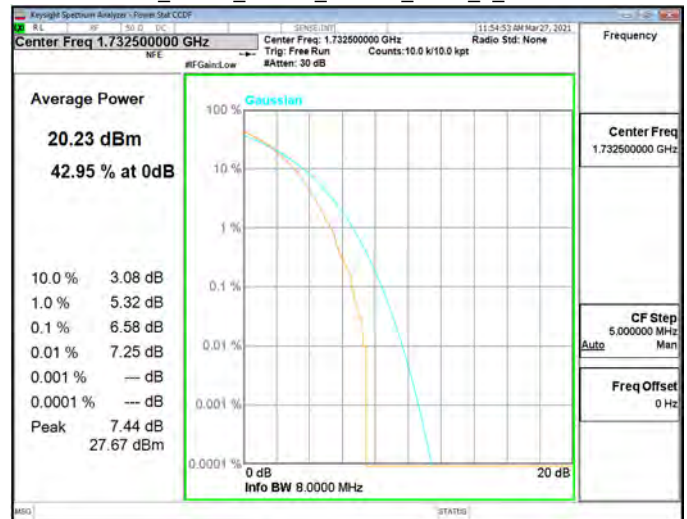
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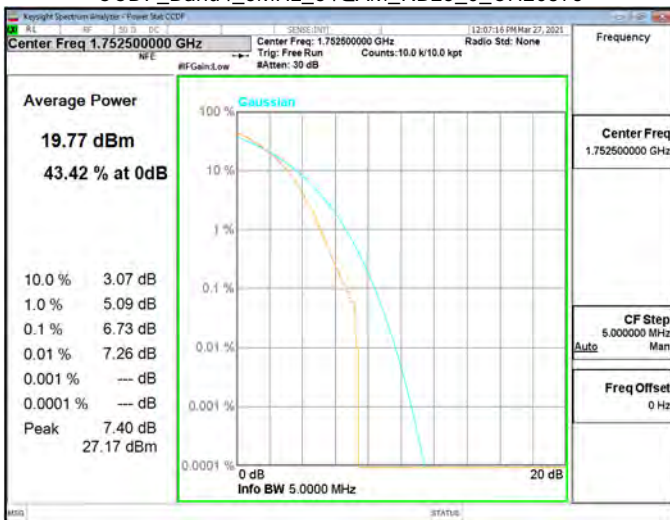
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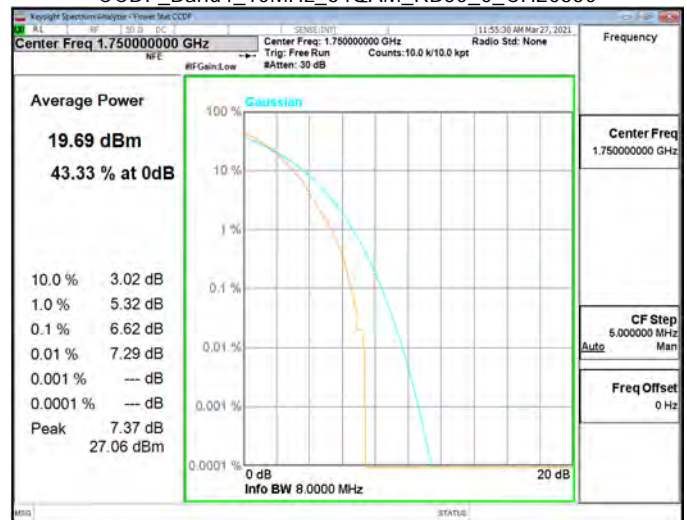
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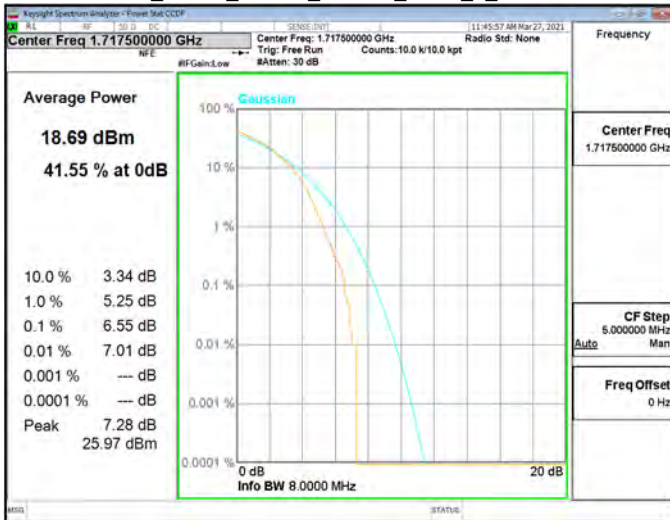


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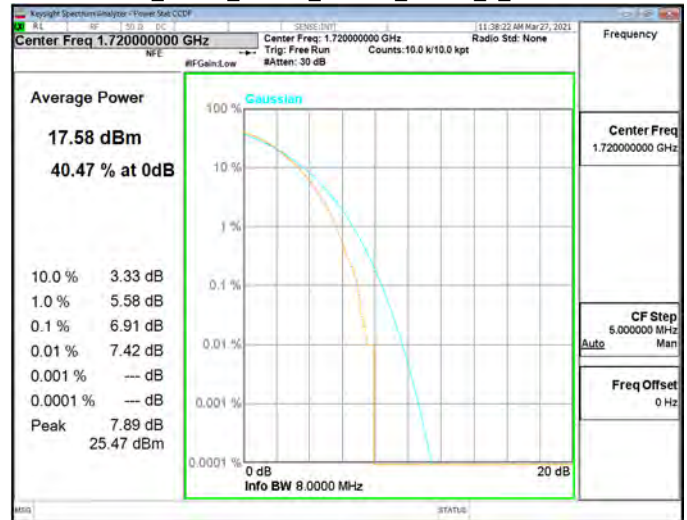
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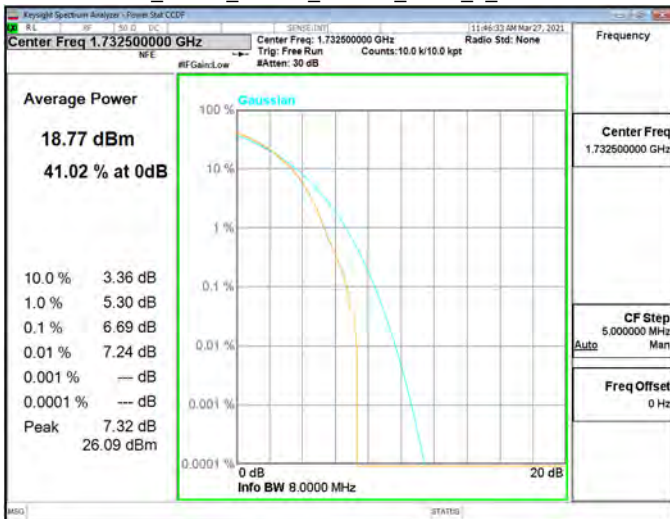
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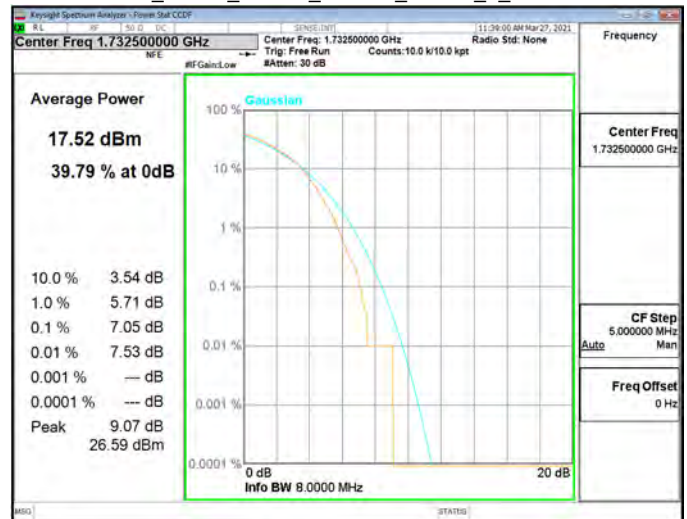
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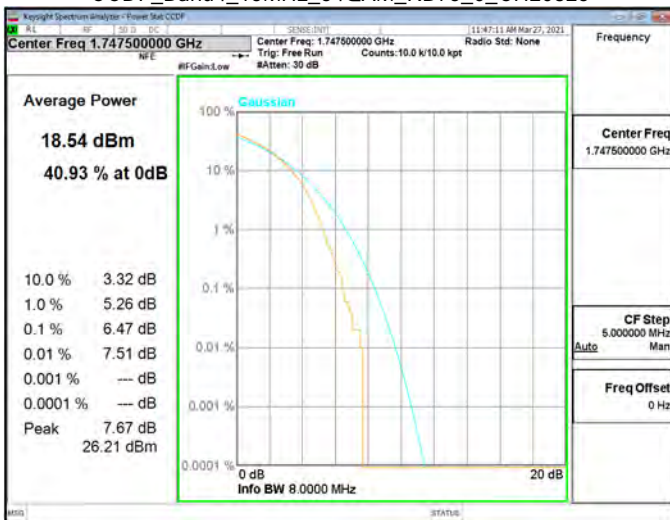
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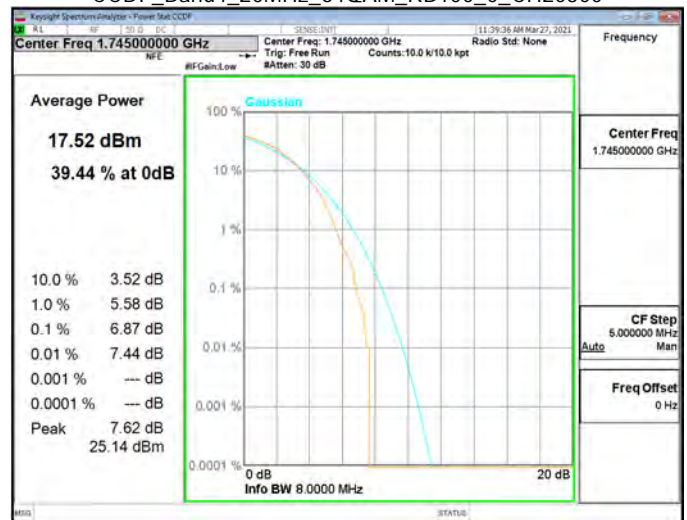
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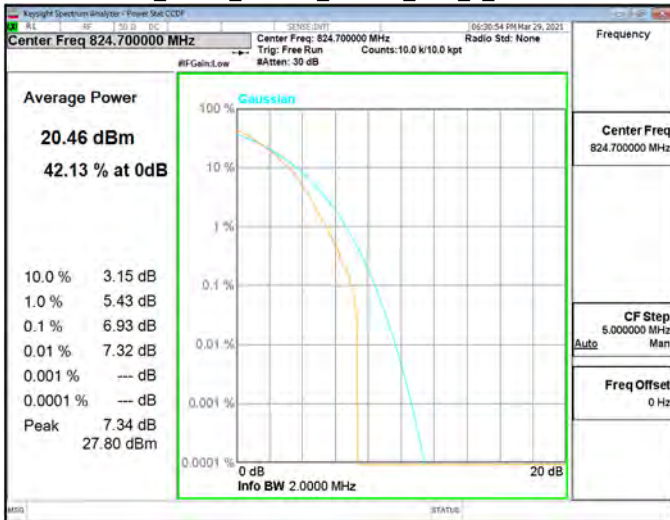


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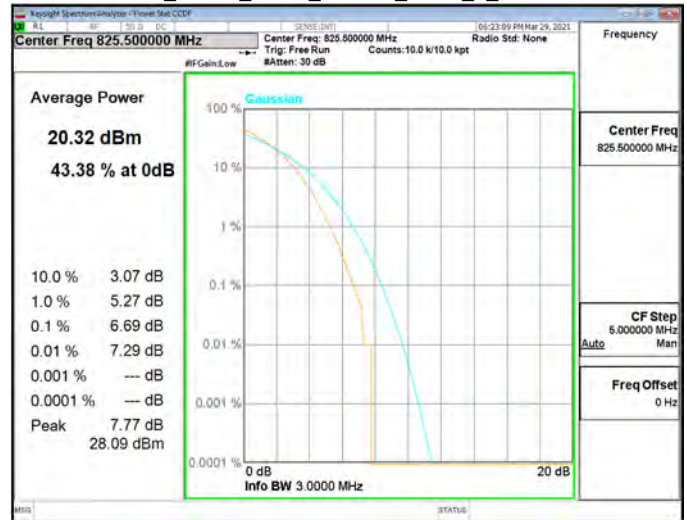
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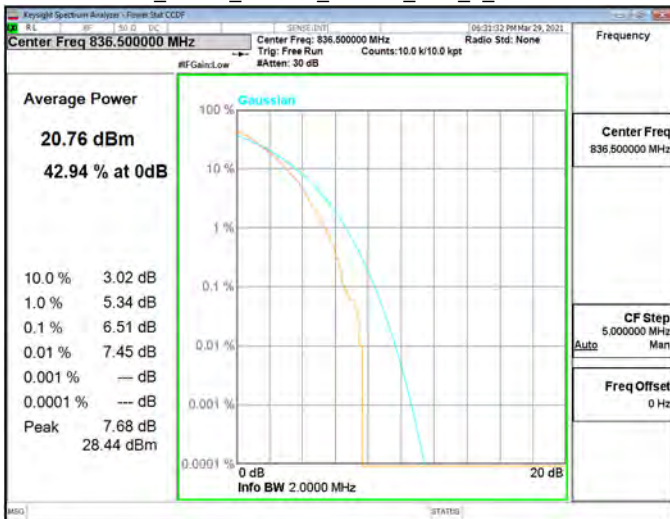
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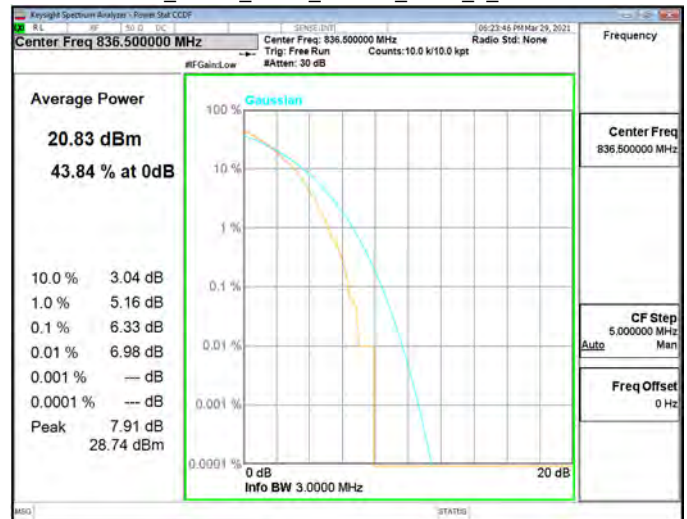
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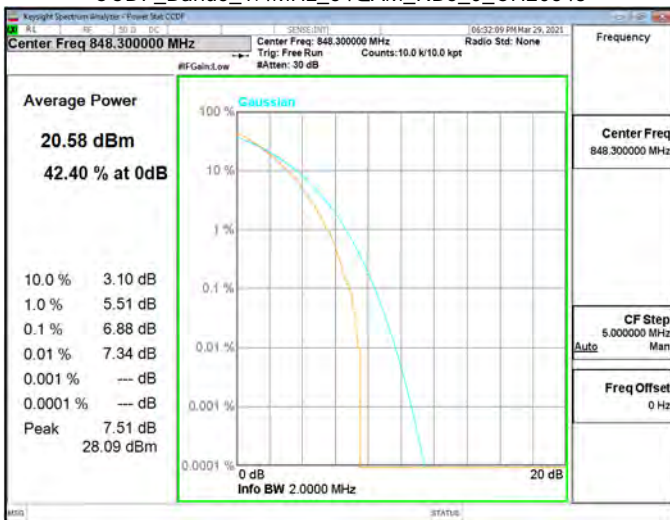
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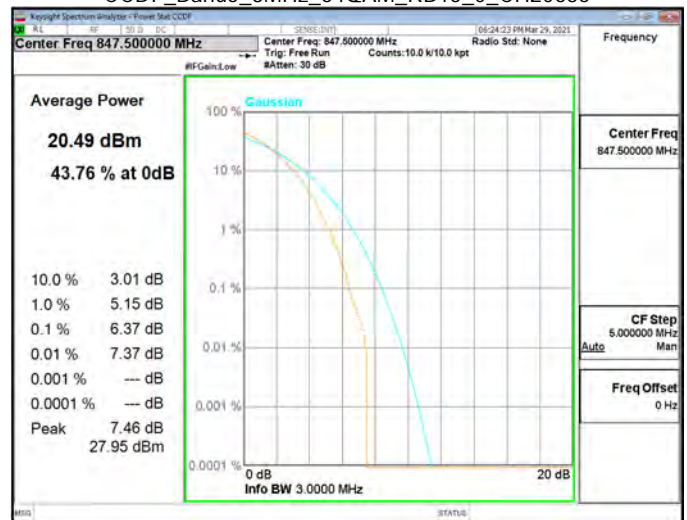
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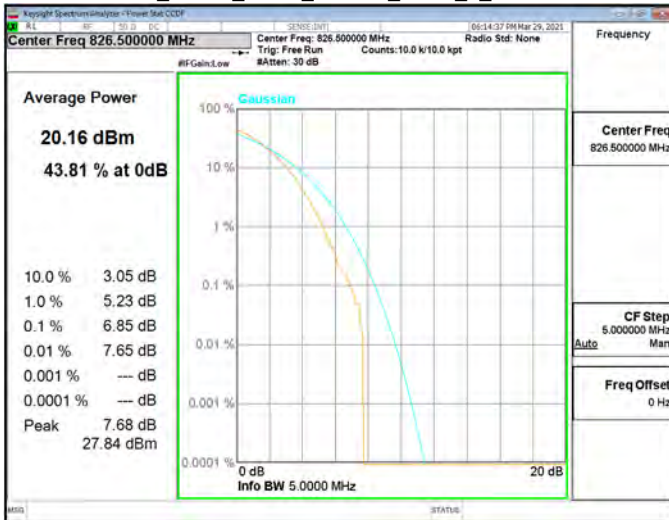


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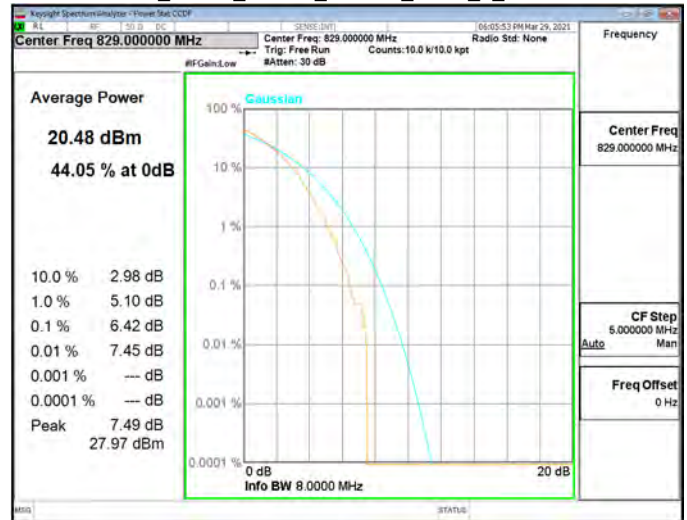
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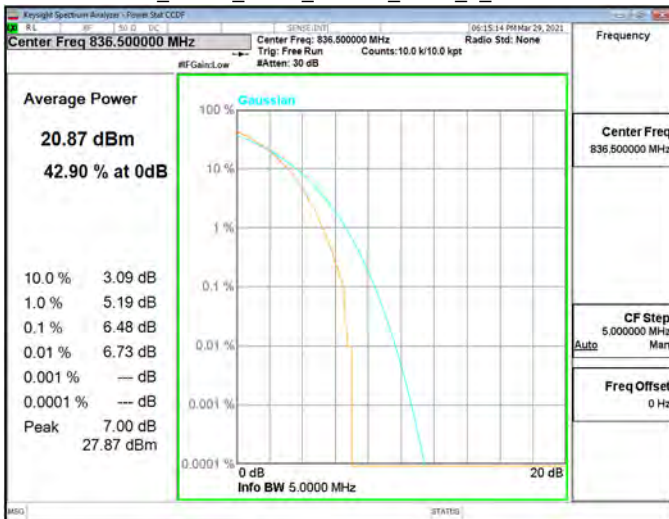
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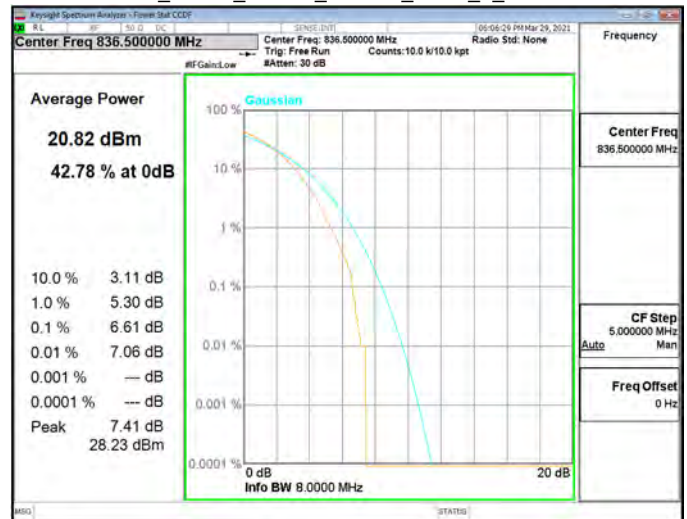
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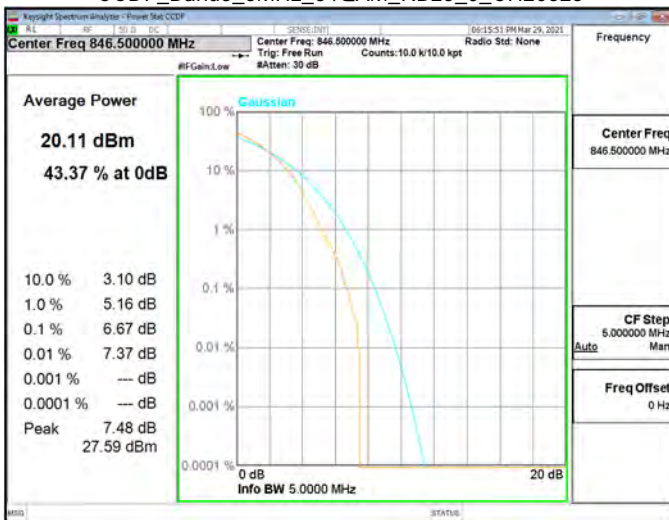
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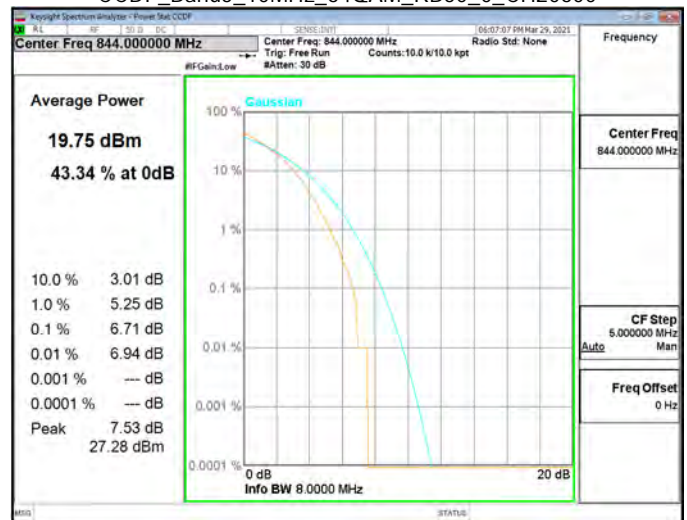
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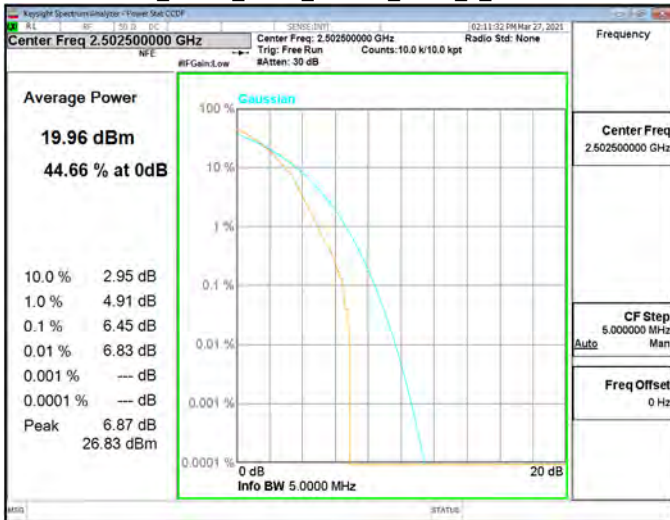


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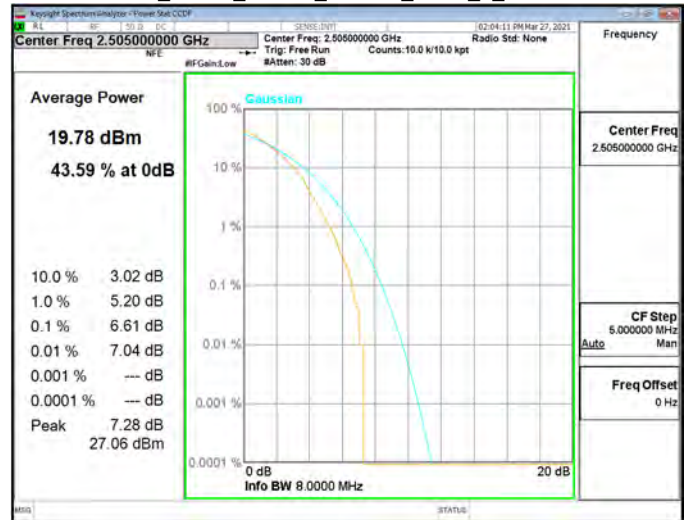
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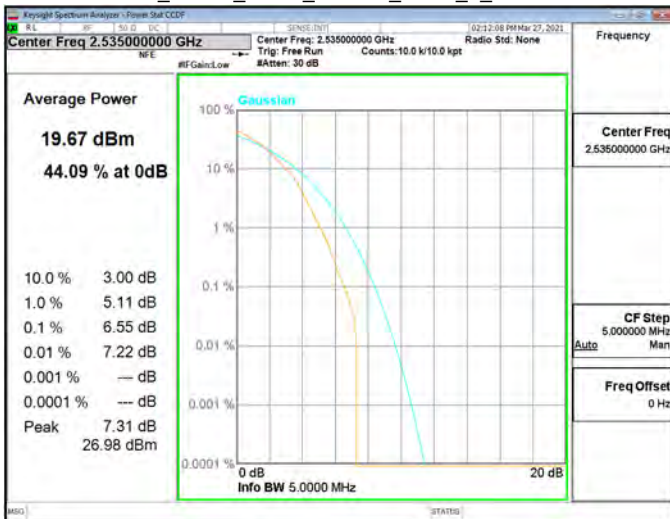
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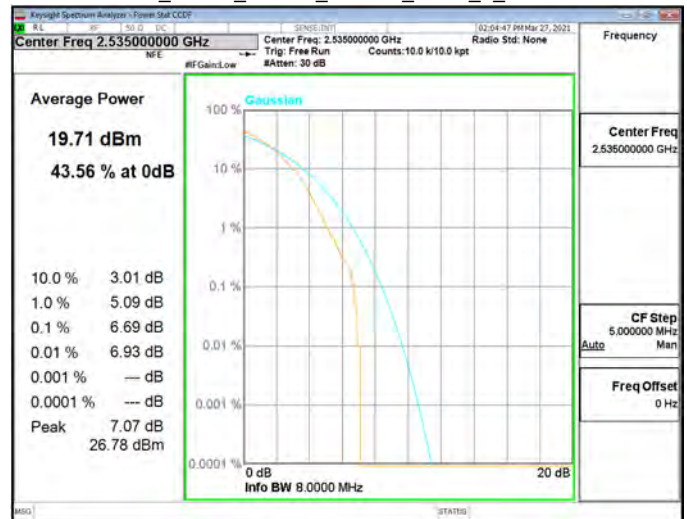
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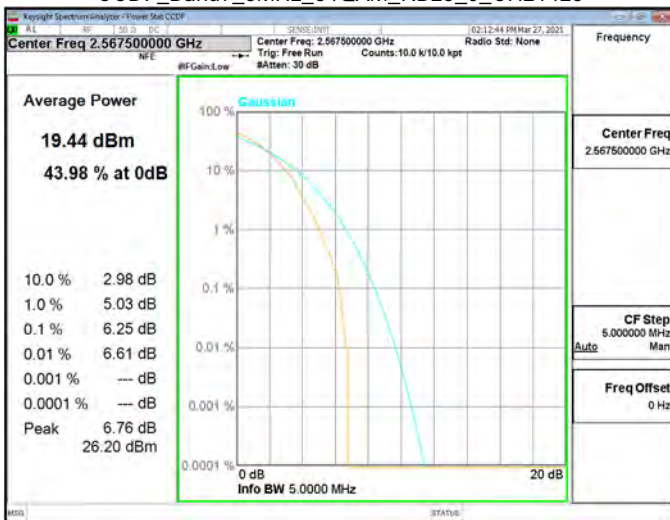
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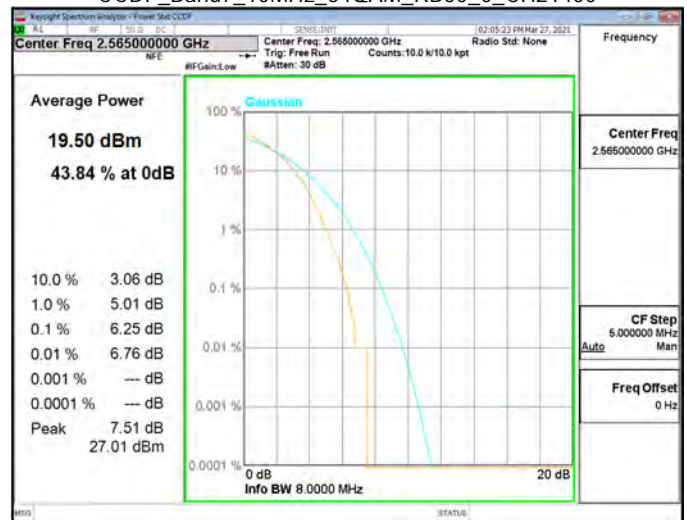
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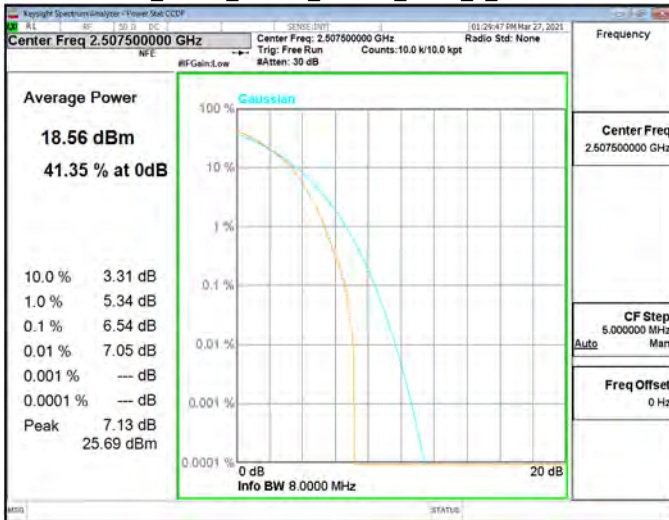


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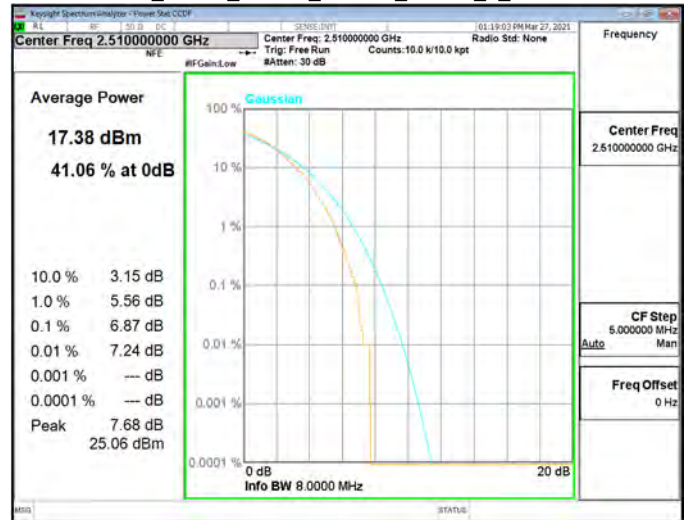
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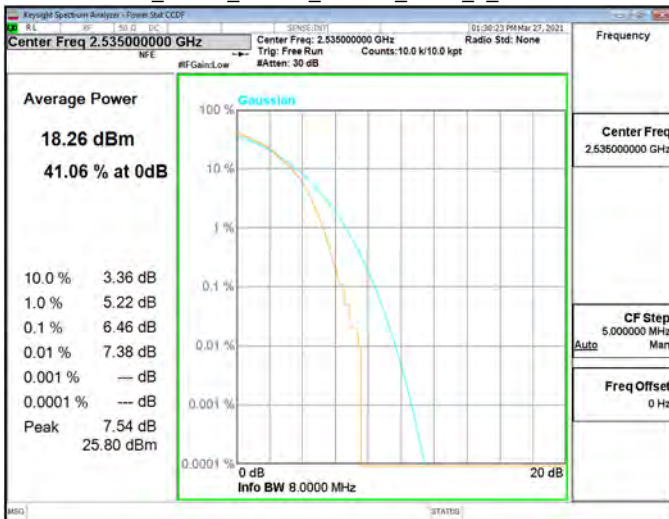
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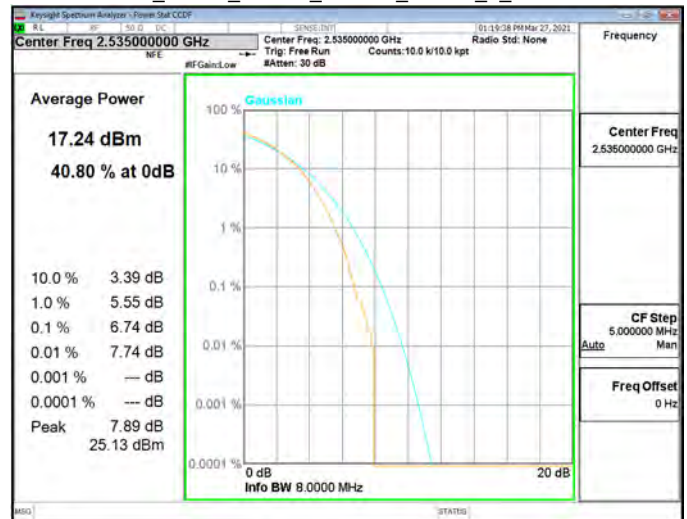
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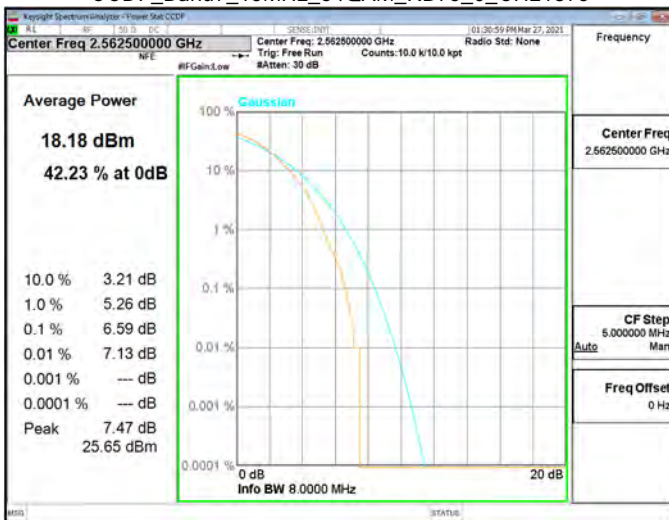
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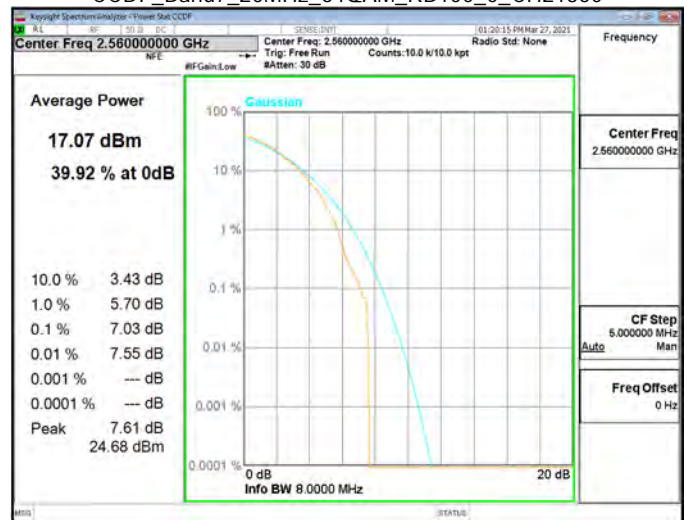
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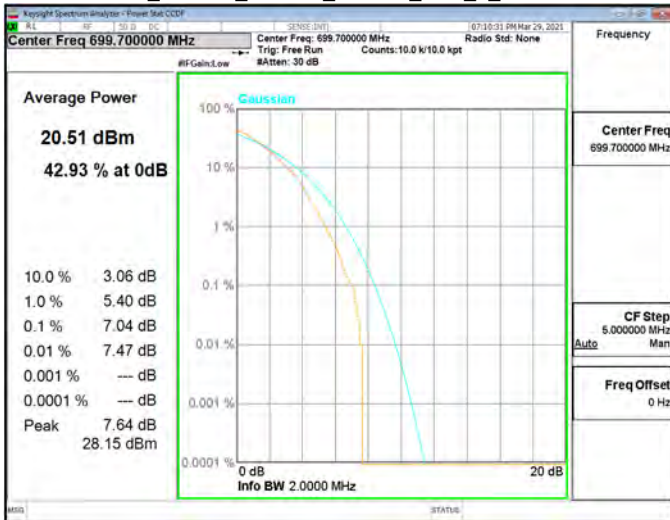


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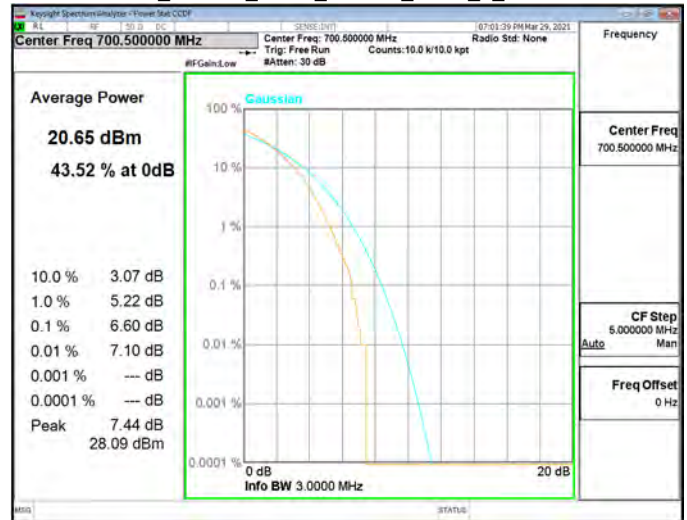
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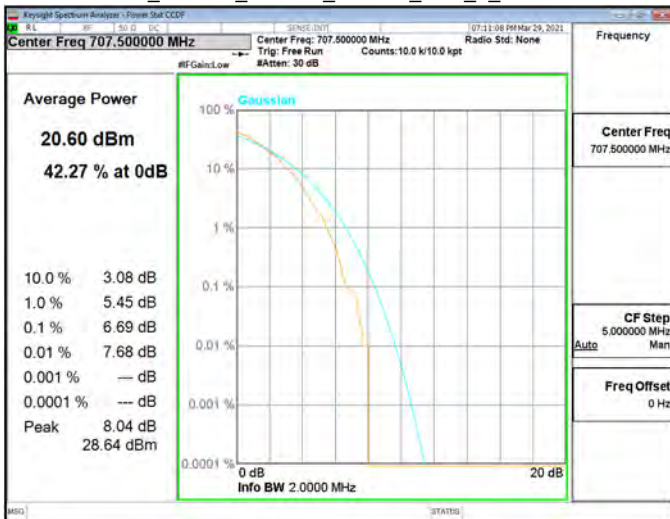
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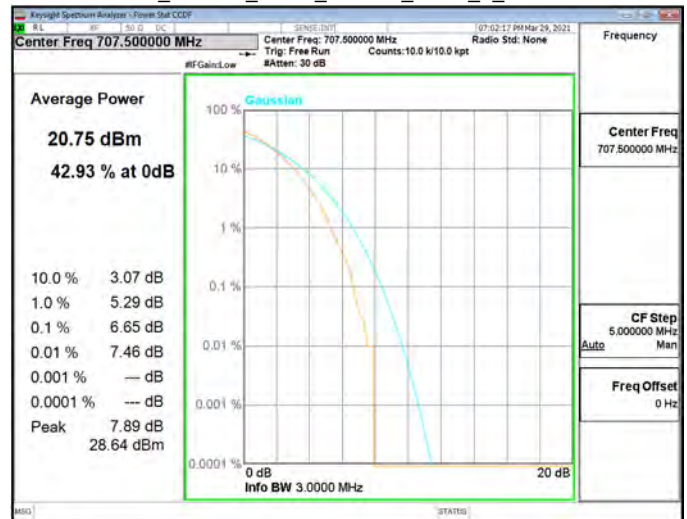
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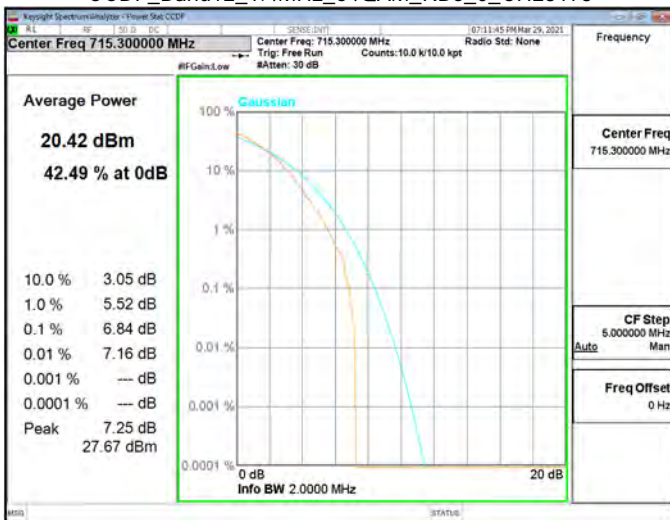
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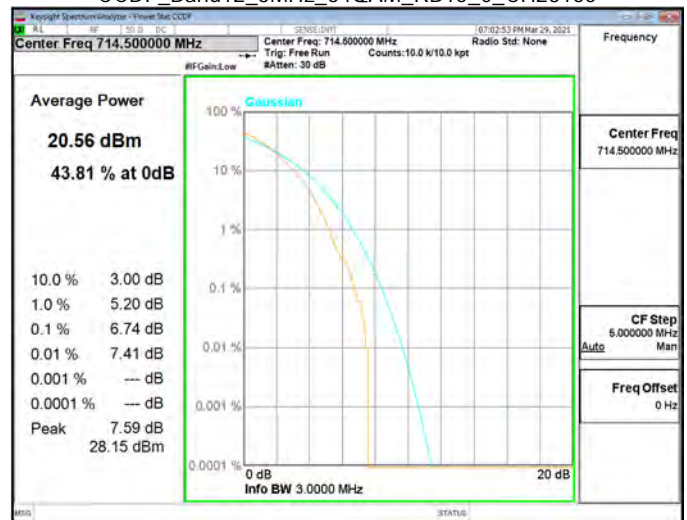
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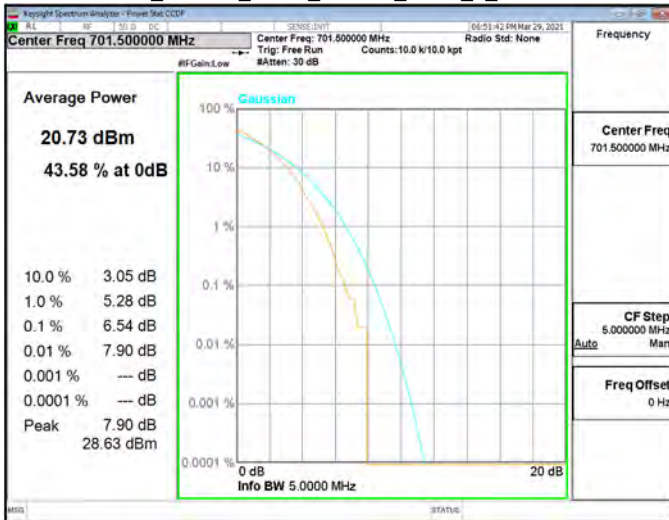


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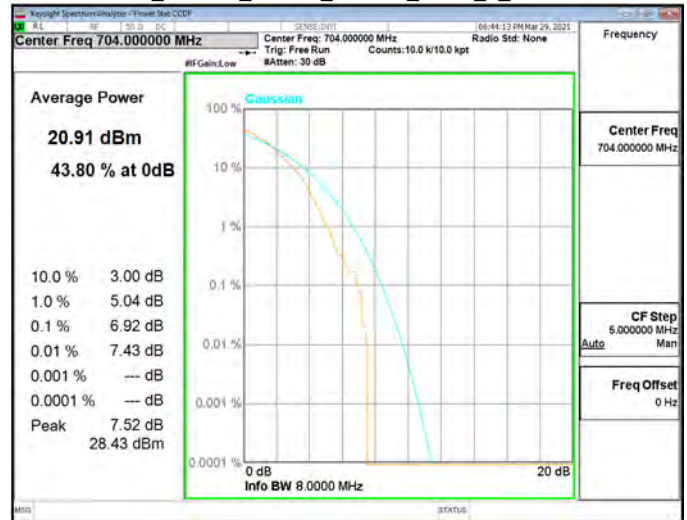
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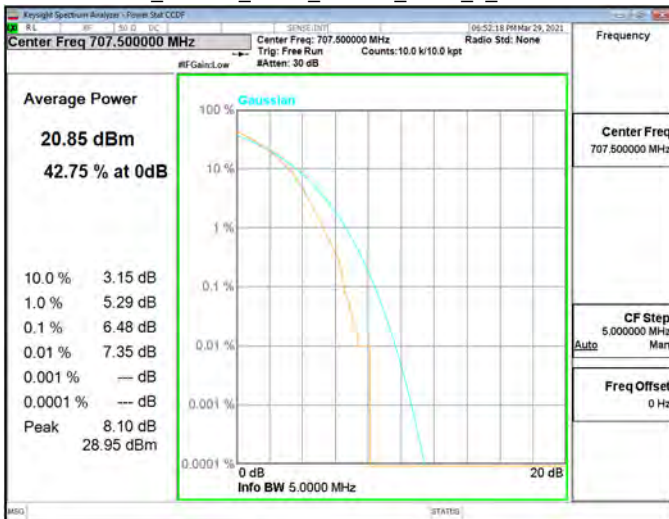
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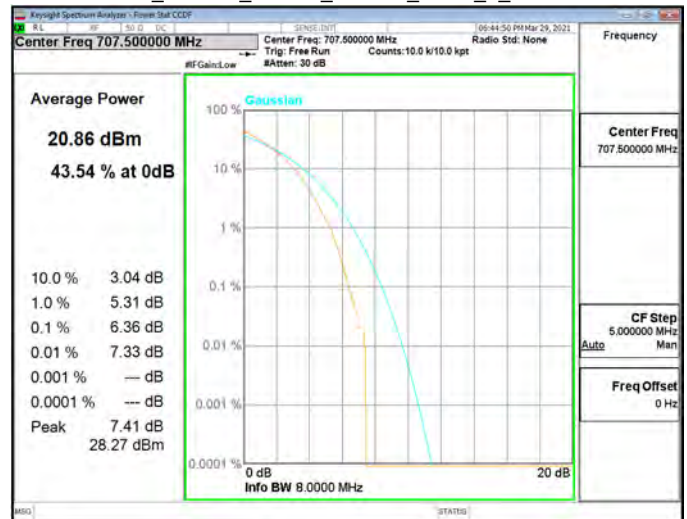
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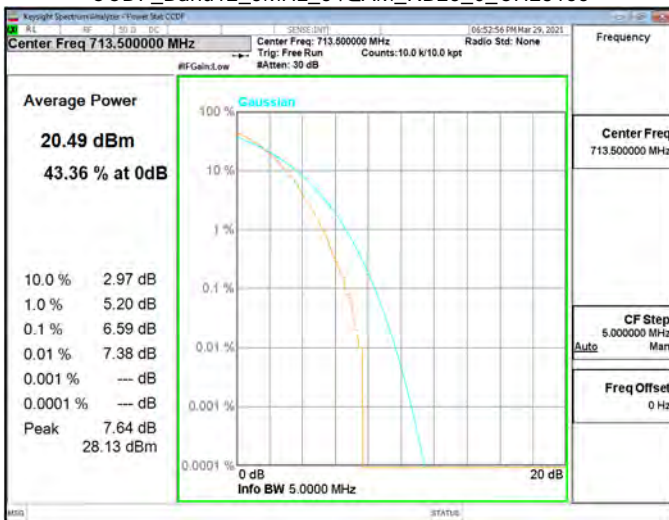
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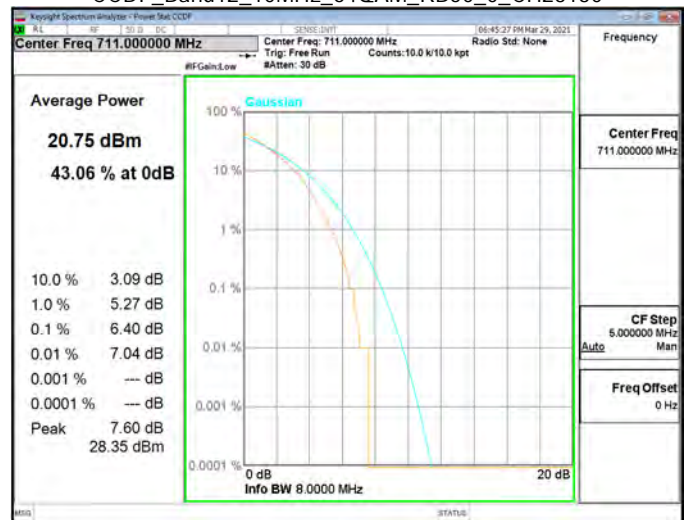
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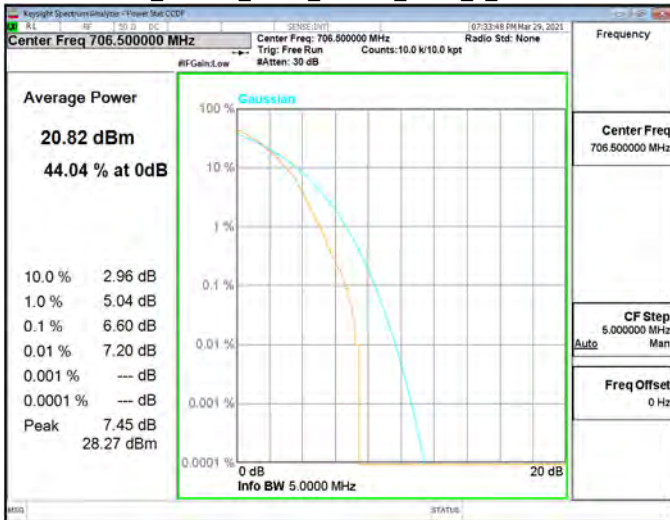


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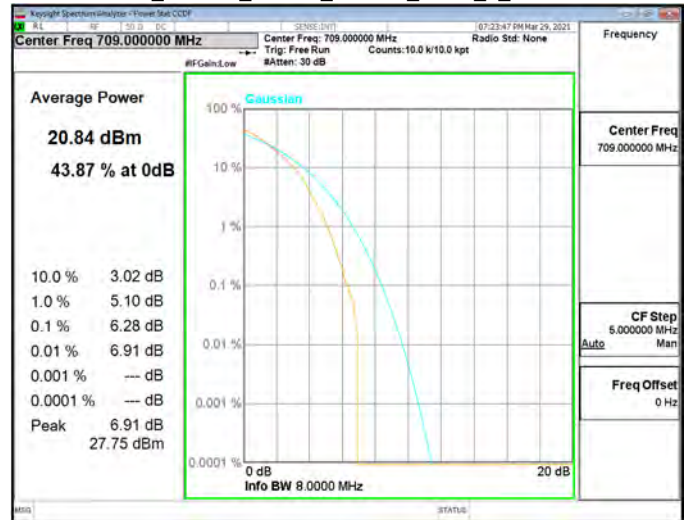
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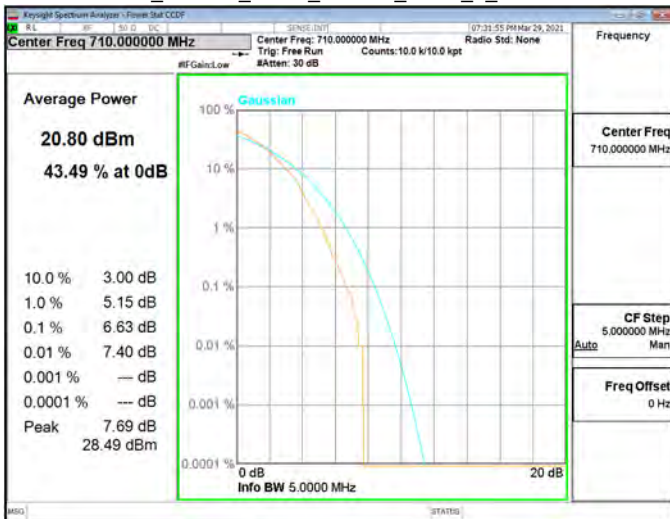
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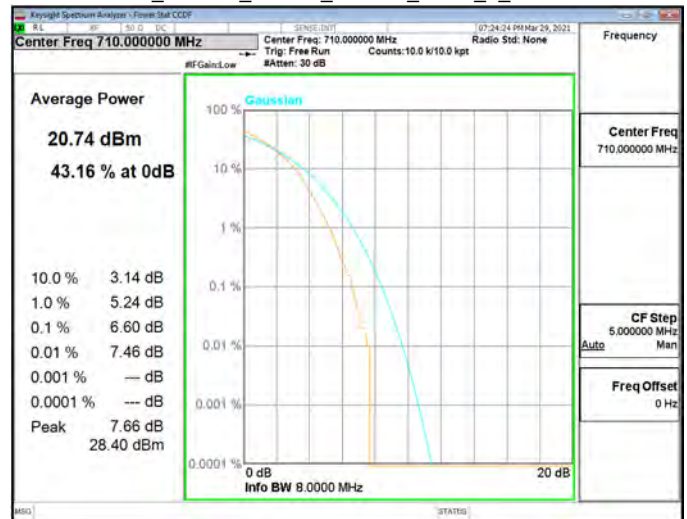
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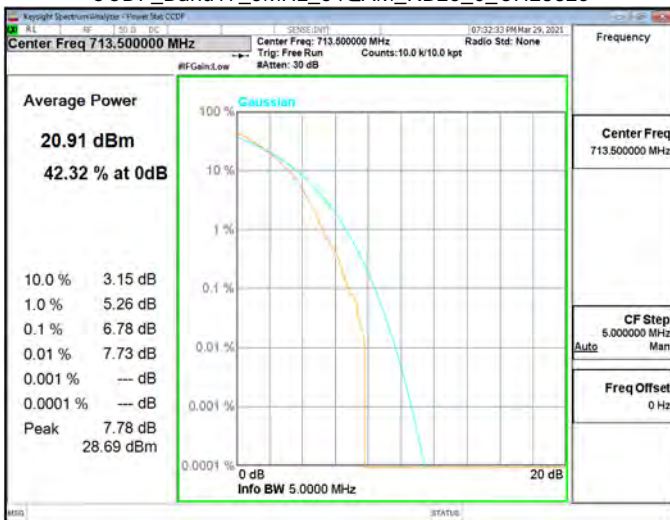
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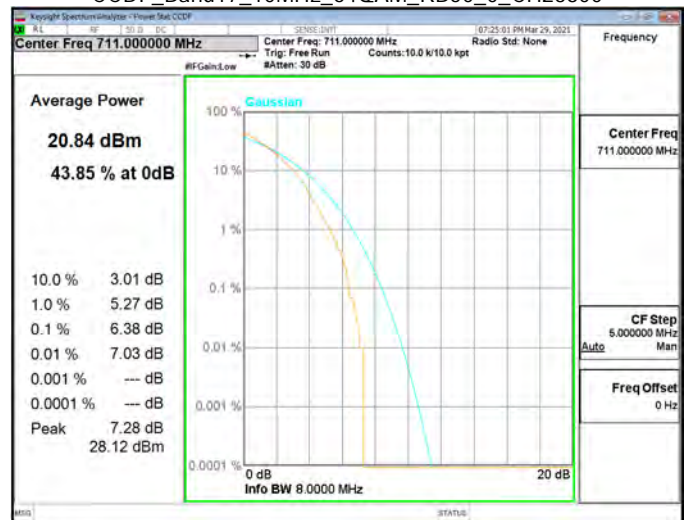
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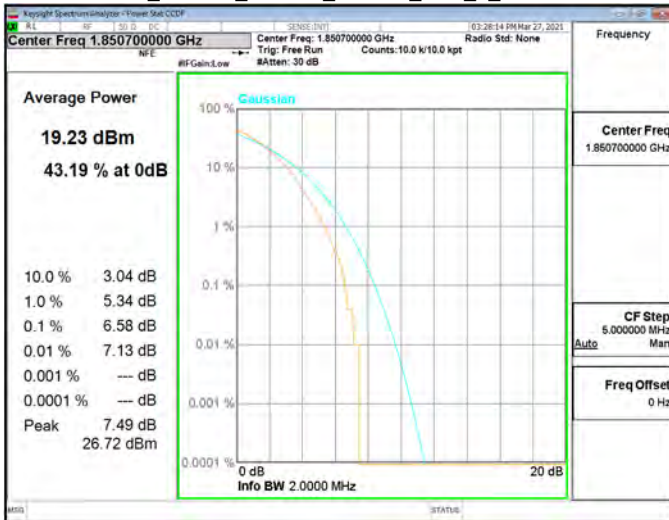


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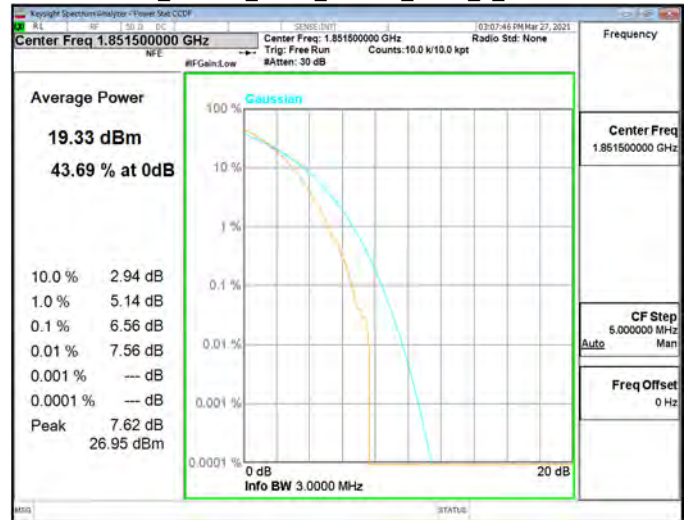
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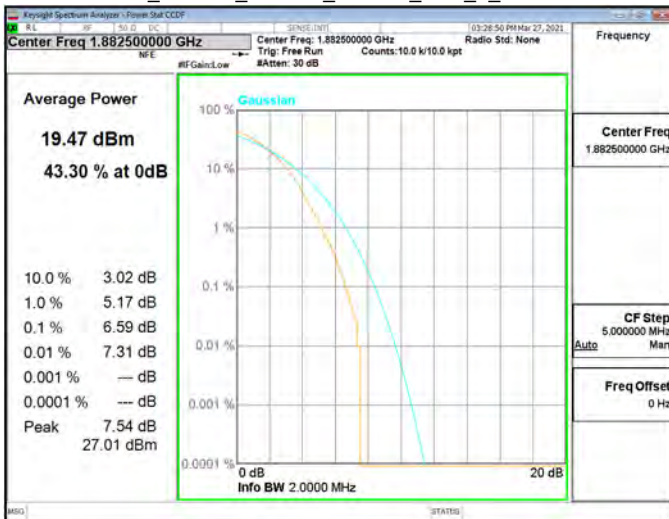
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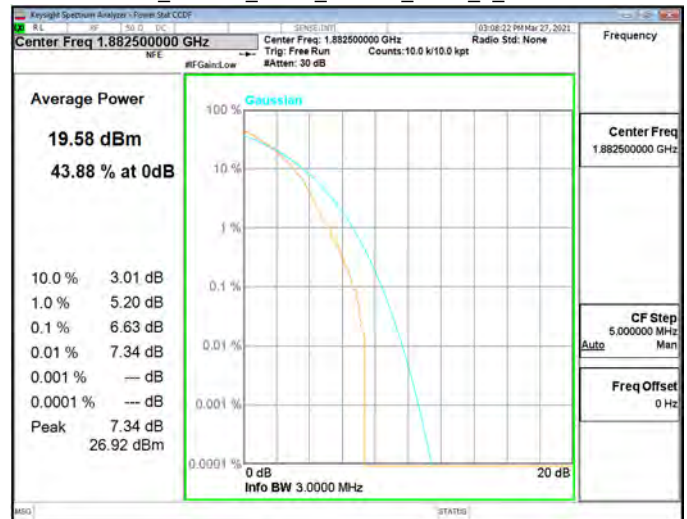
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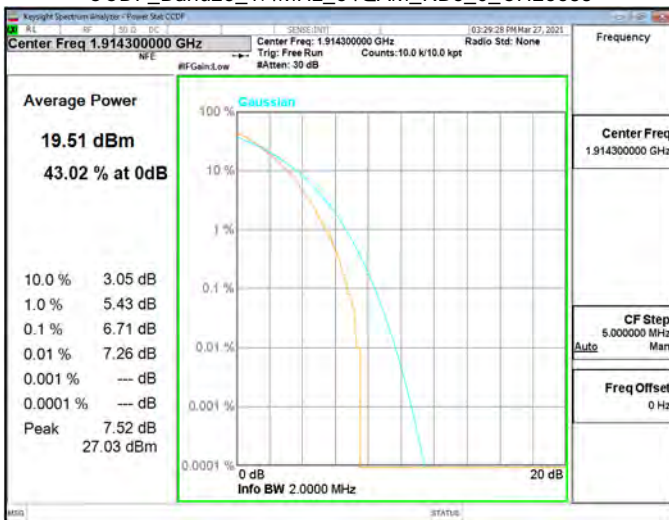
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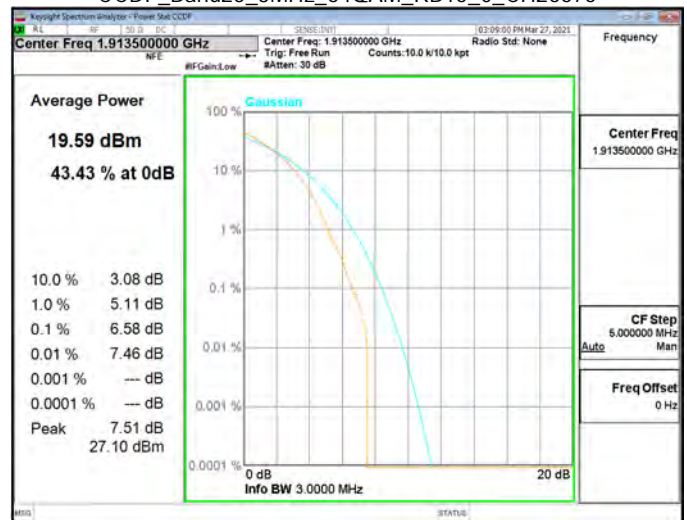
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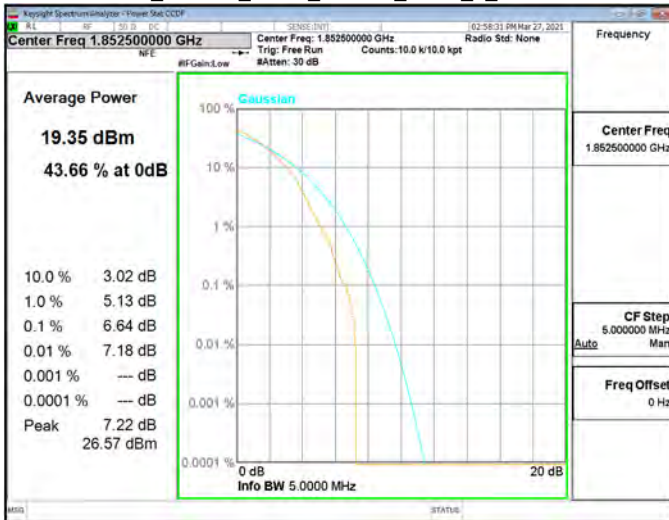


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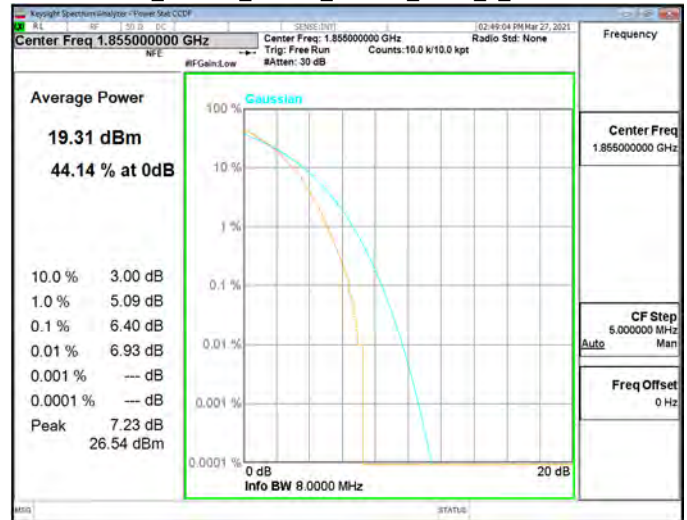
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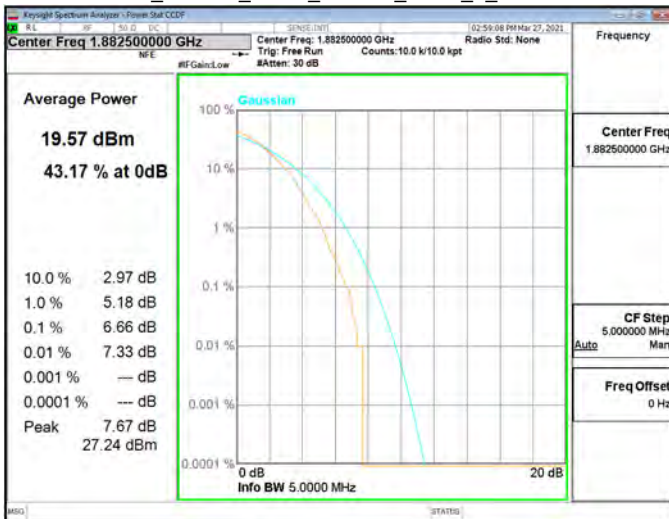
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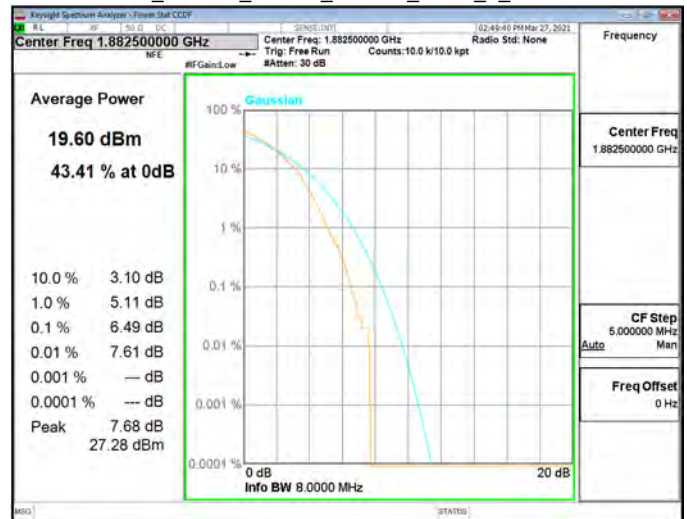
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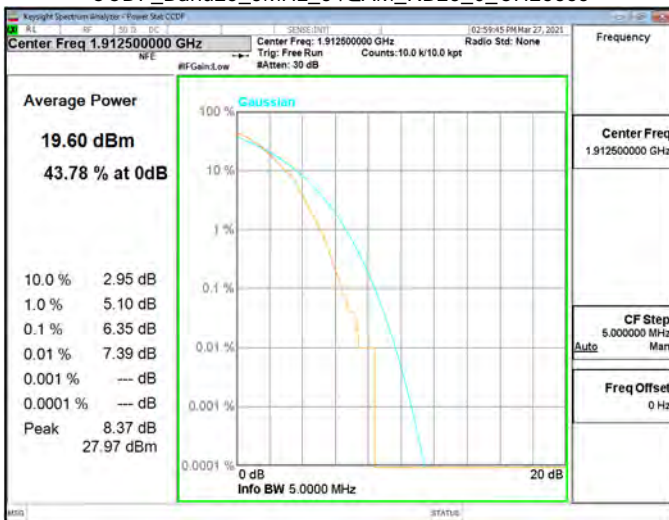
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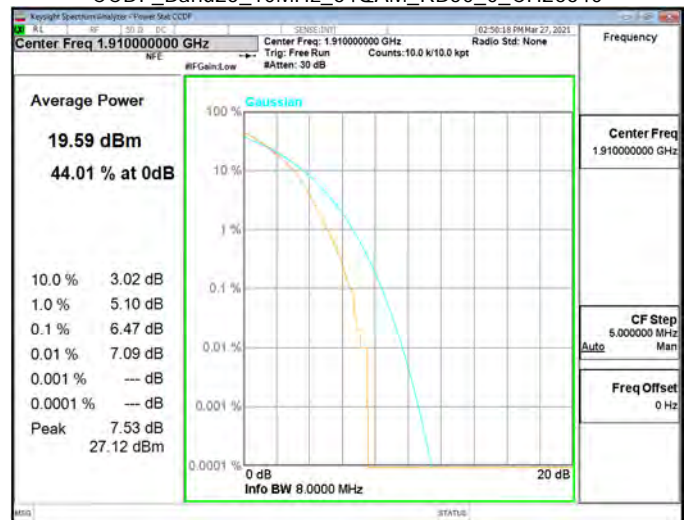
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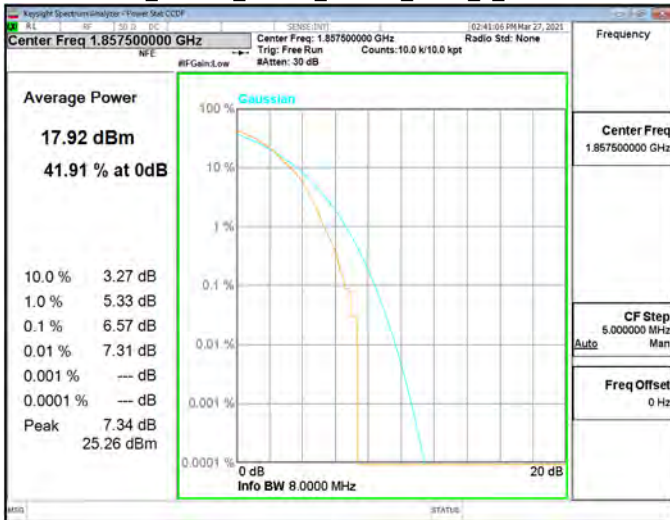


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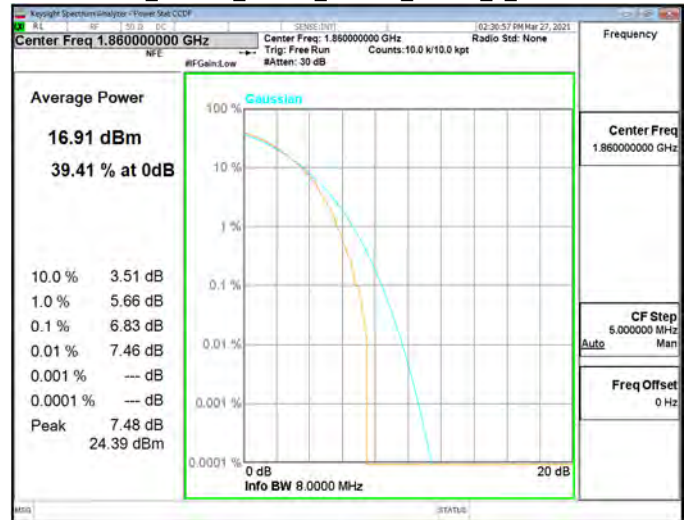
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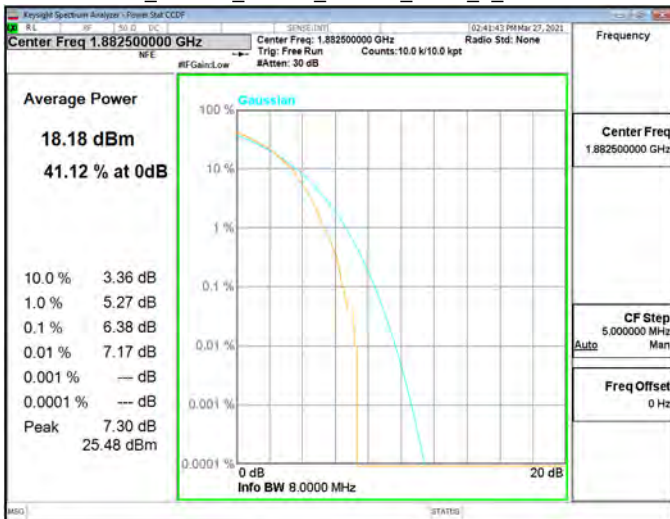
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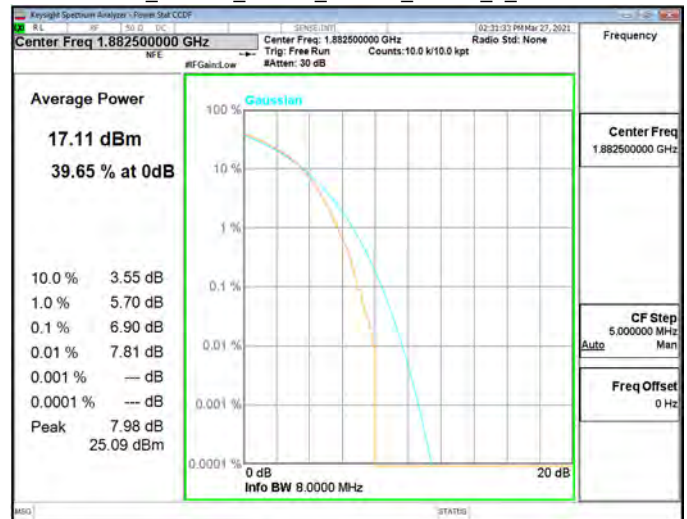
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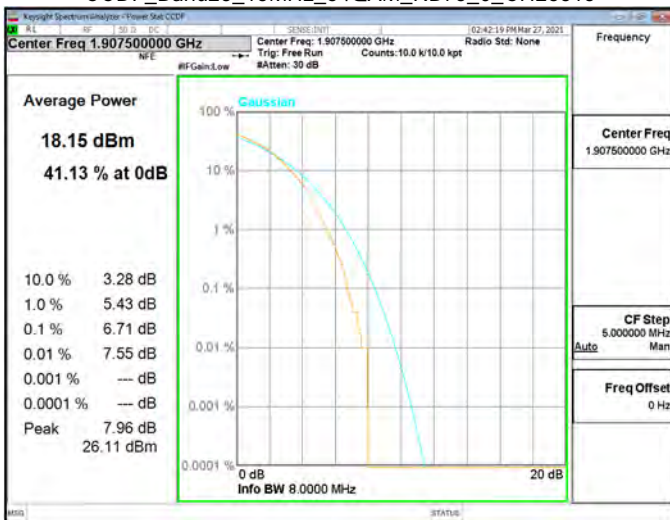
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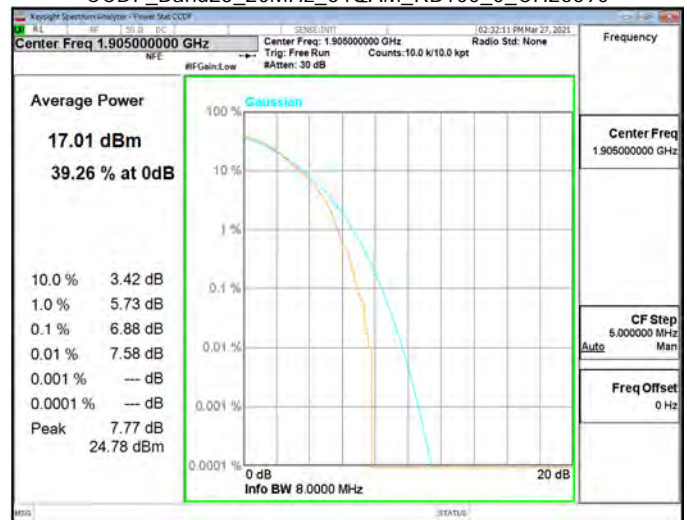
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CCDF_Band25_20MHz_64QAM_RB100_0_CH26590



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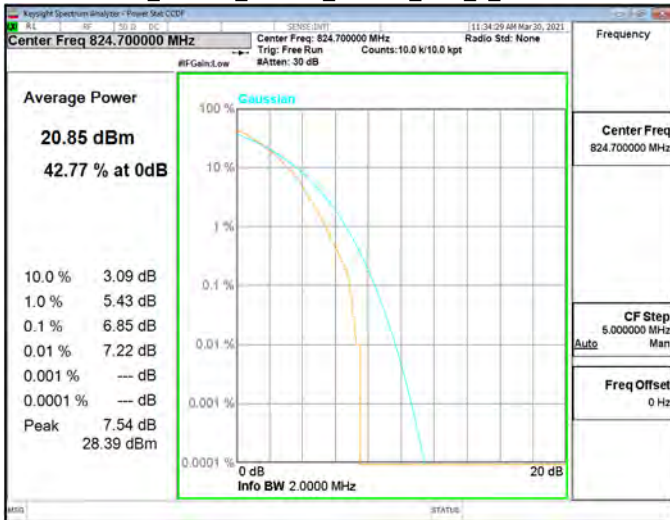
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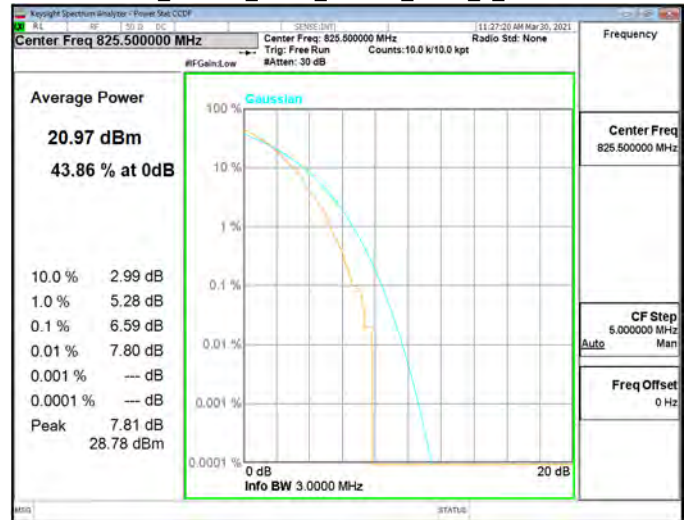
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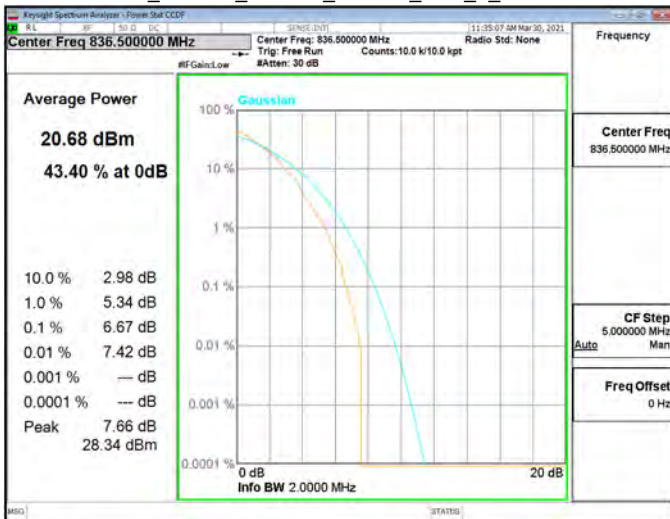
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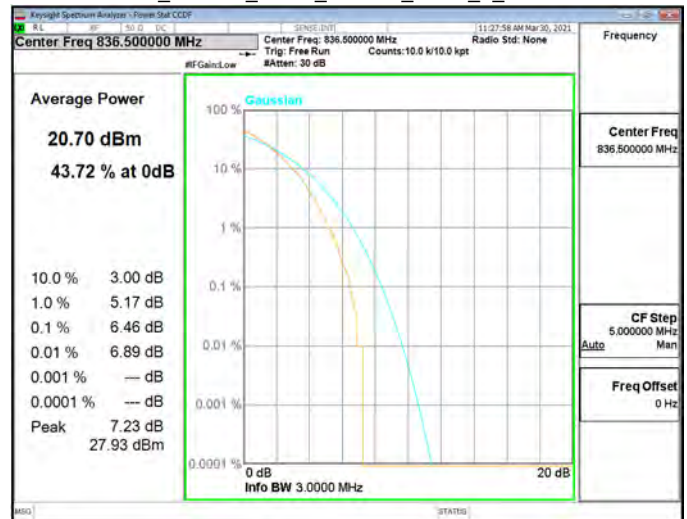
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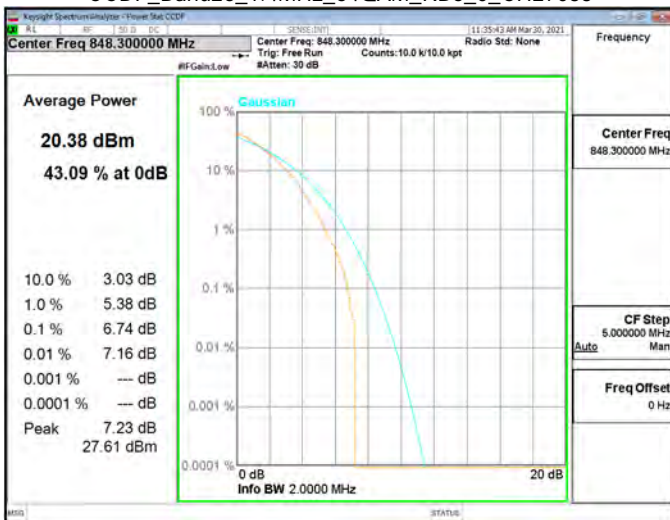
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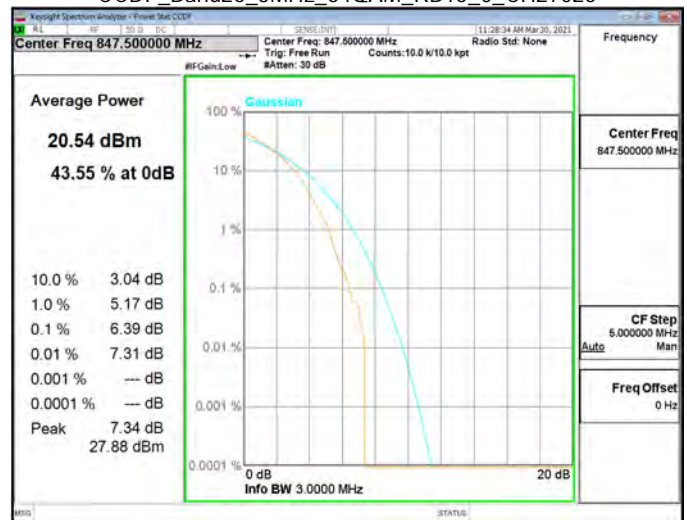
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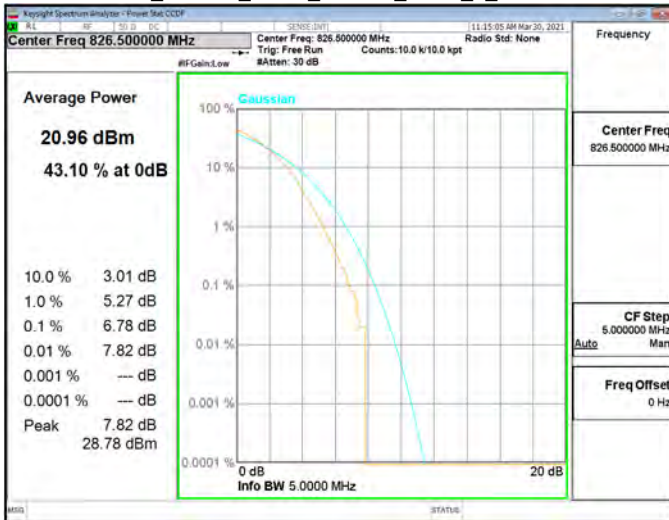


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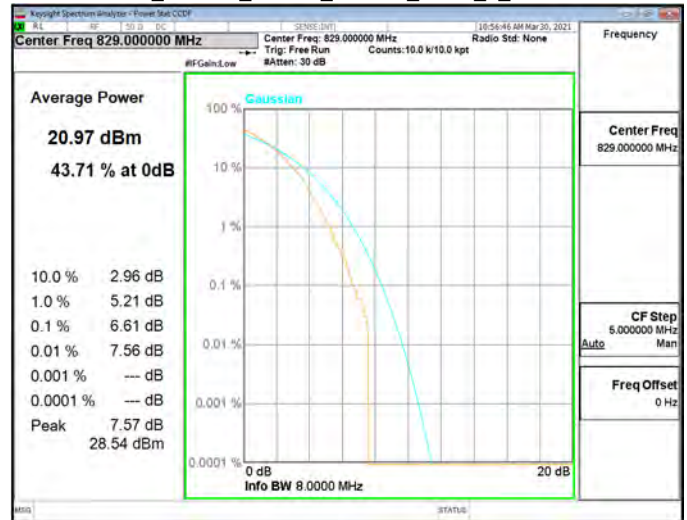
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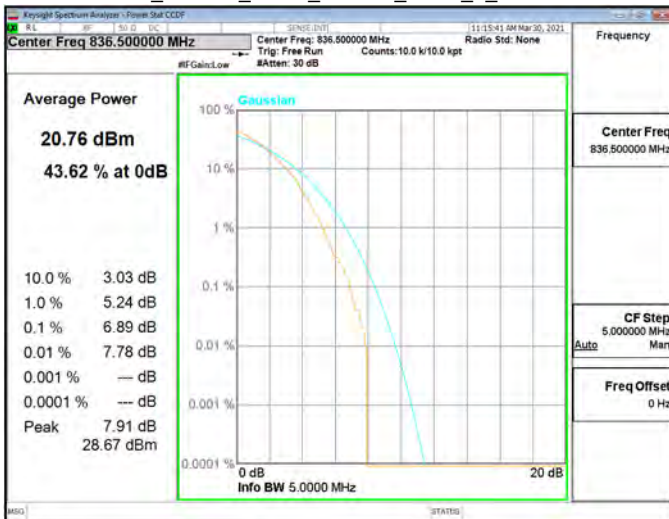
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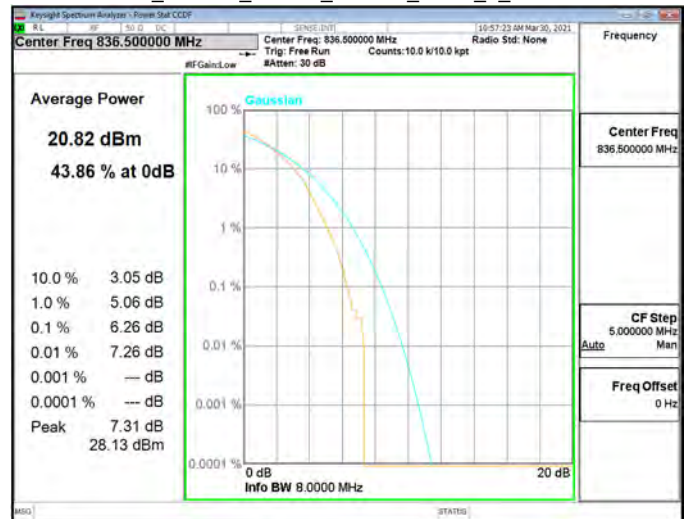
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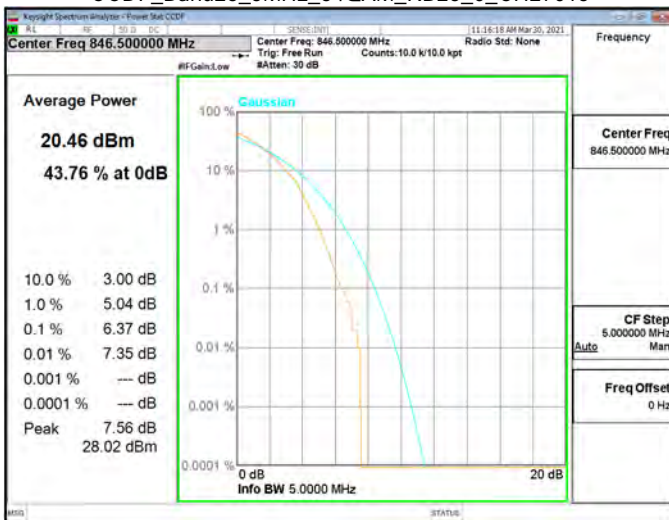
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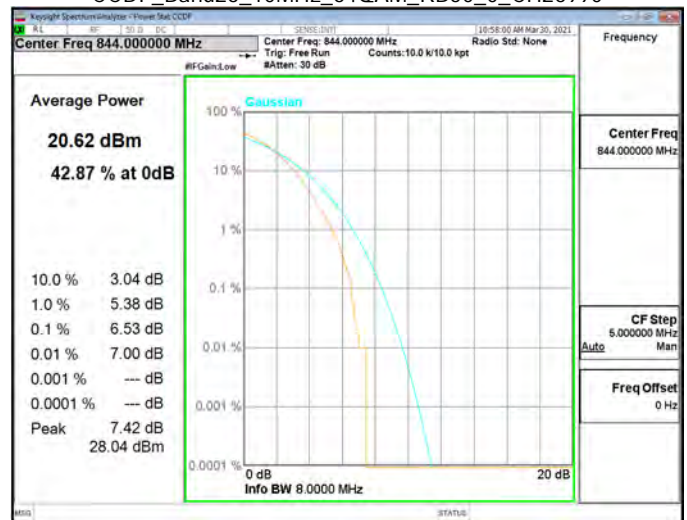
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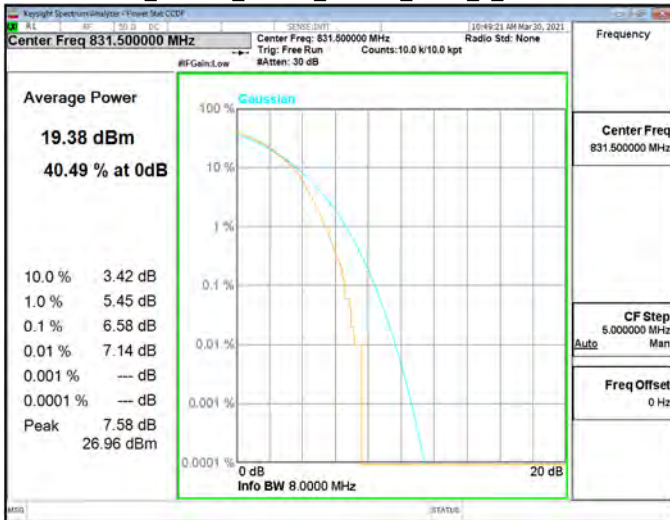


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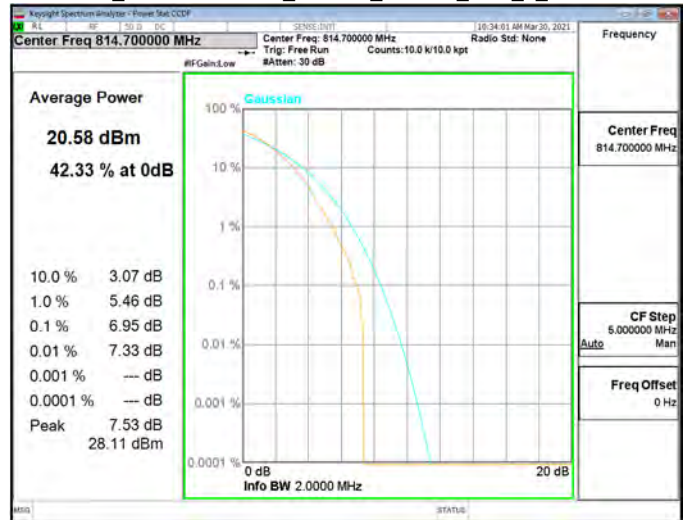
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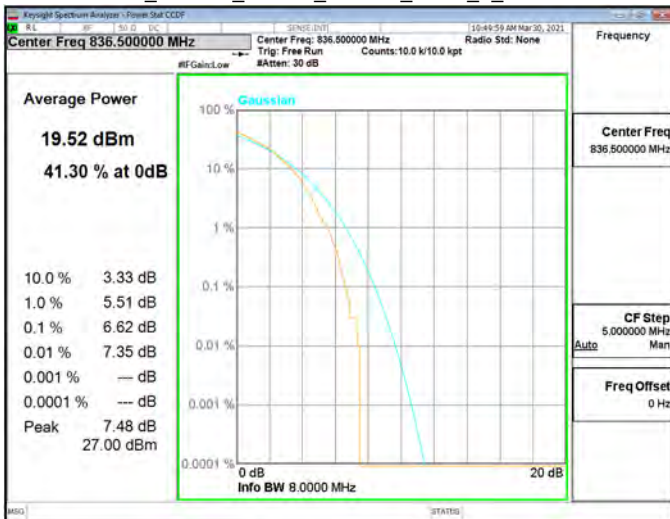
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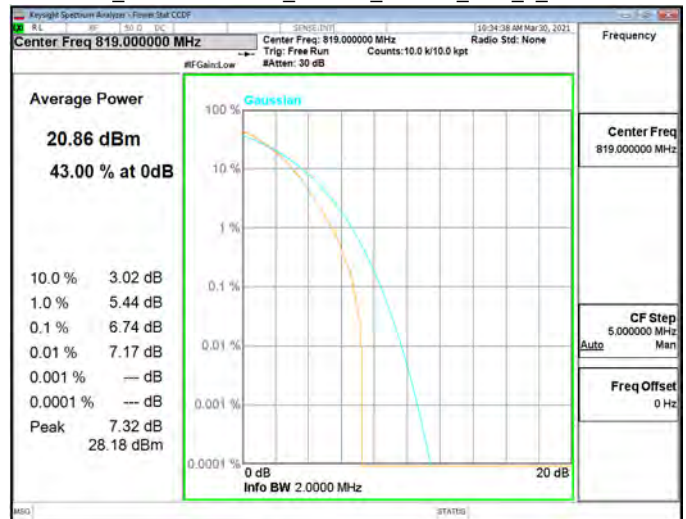
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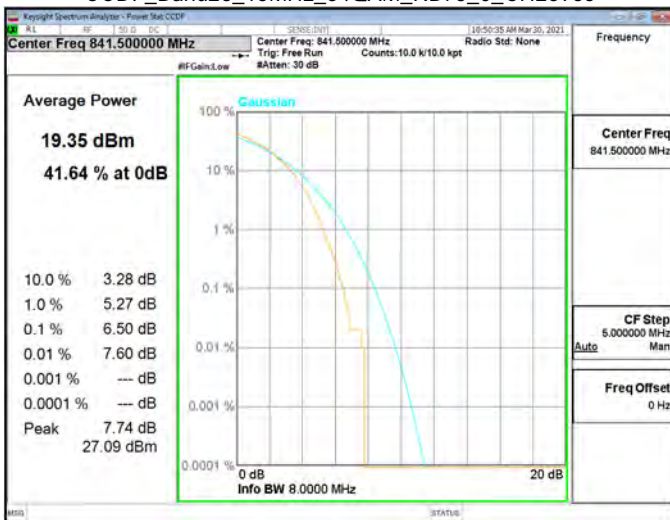
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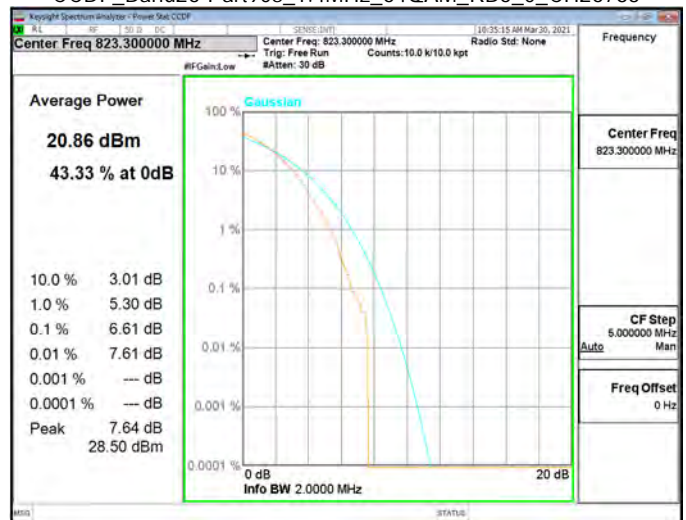
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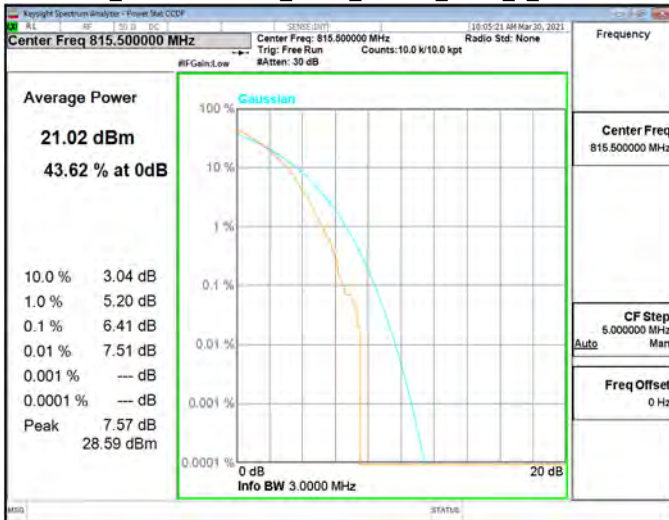


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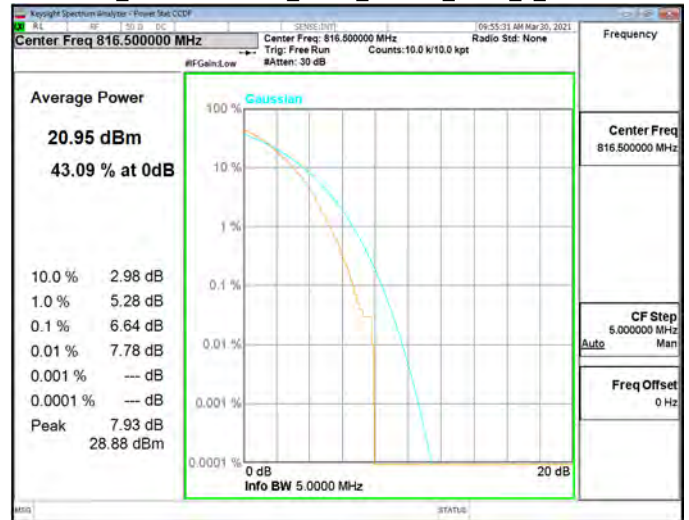
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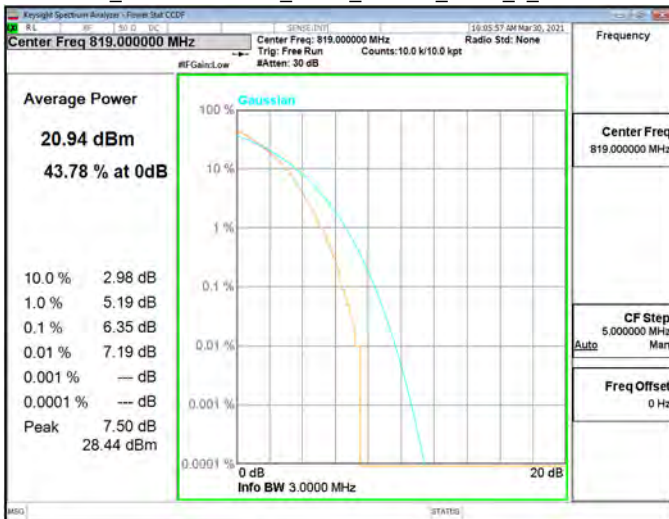
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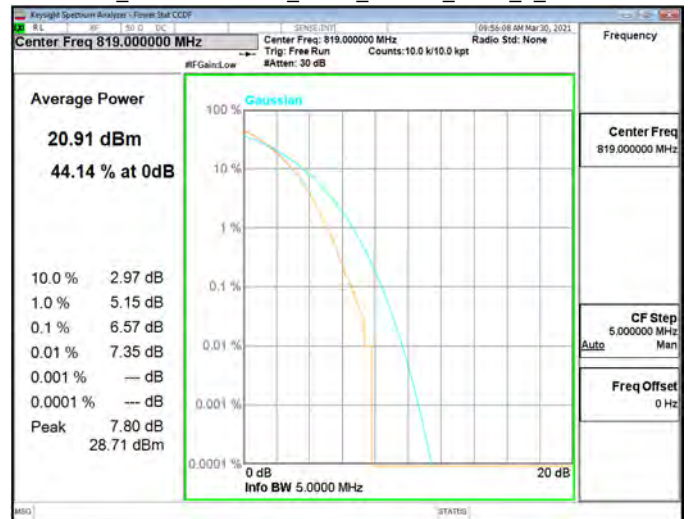
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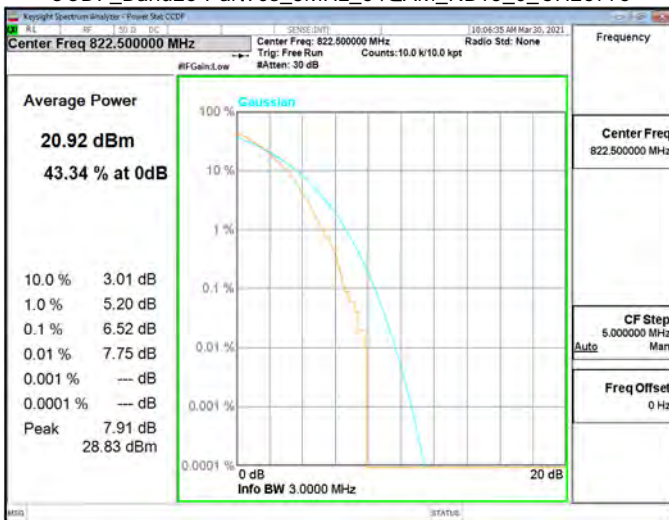
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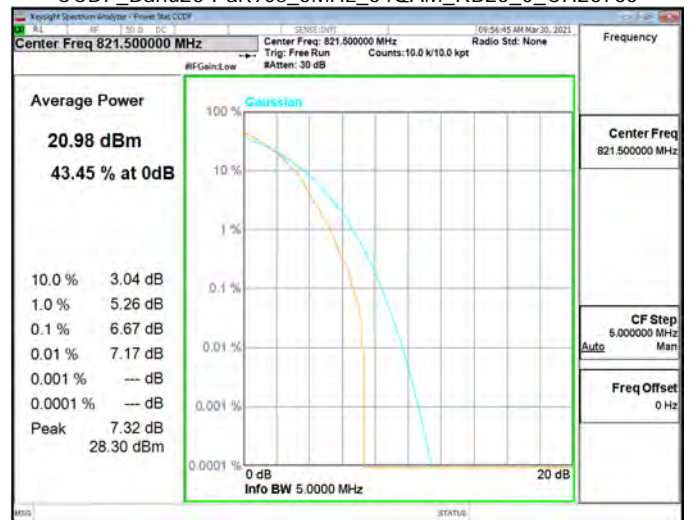
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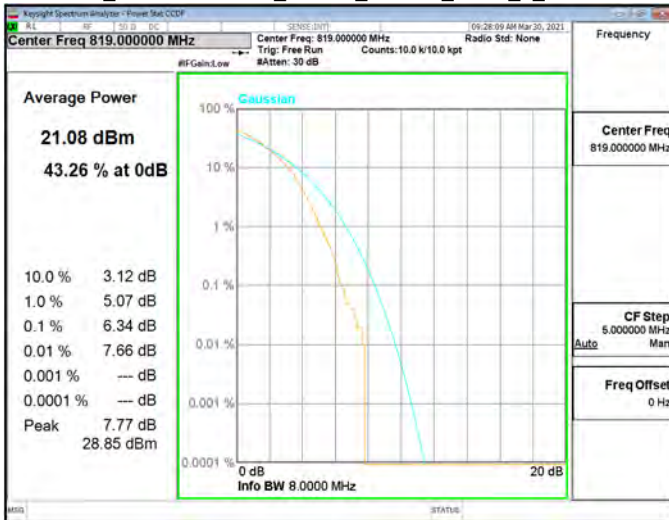


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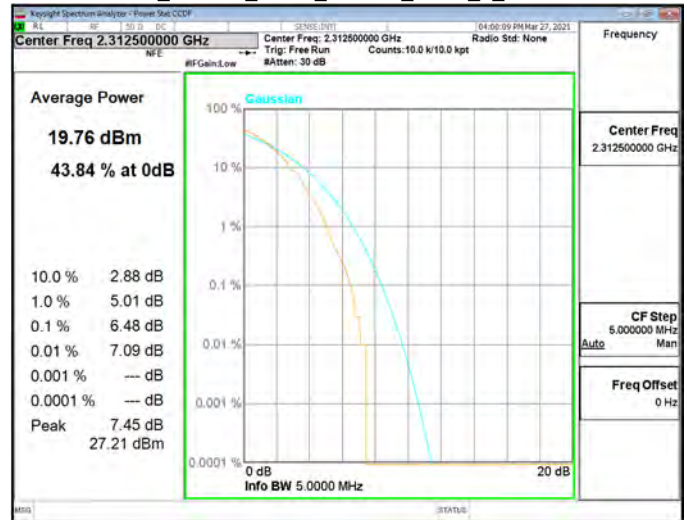
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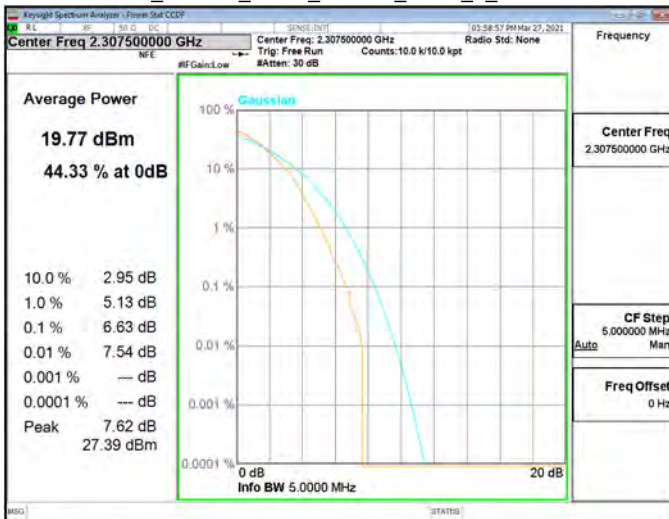
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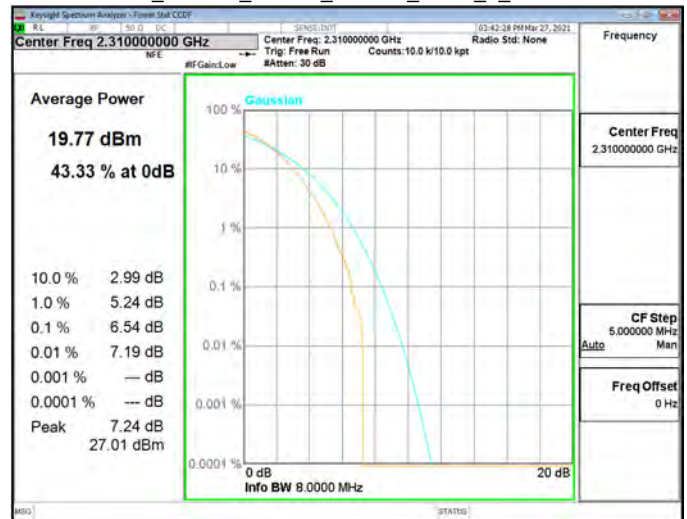
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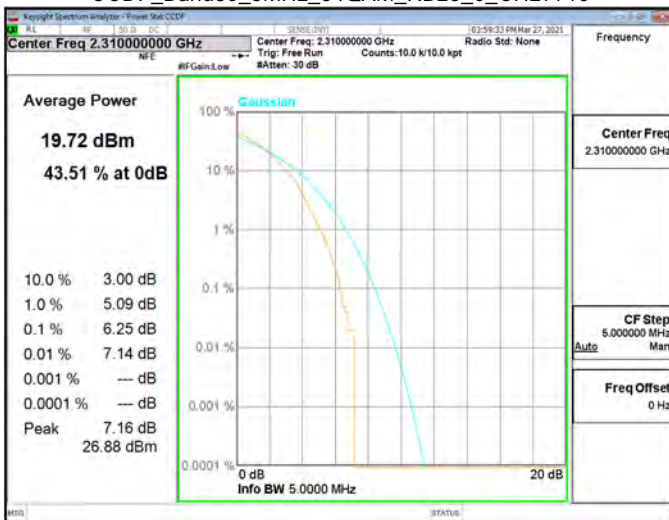
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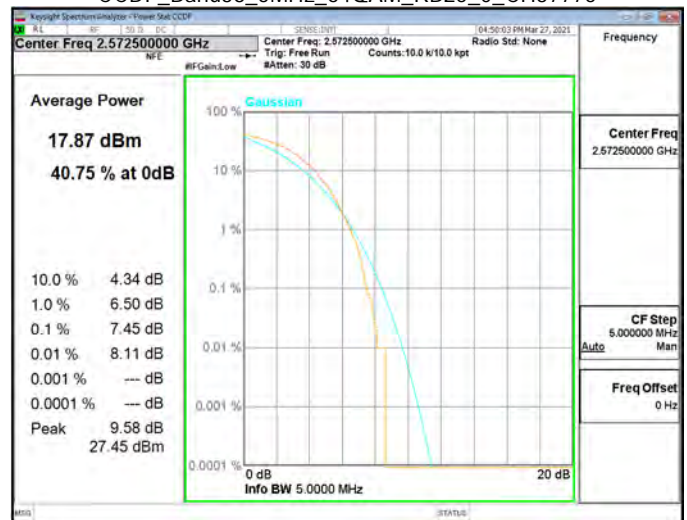
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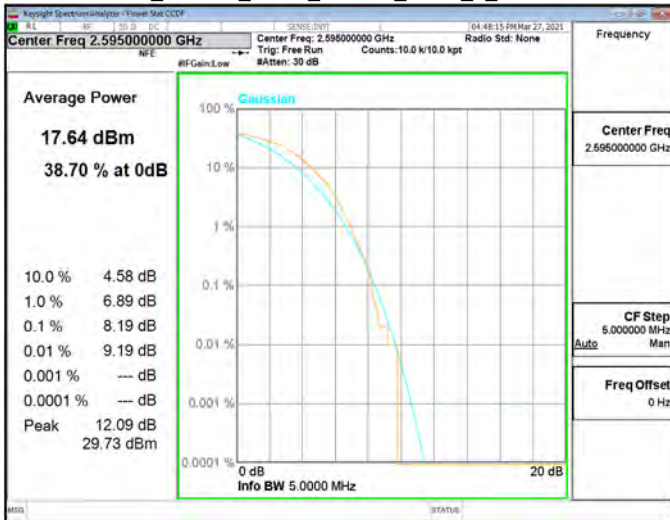


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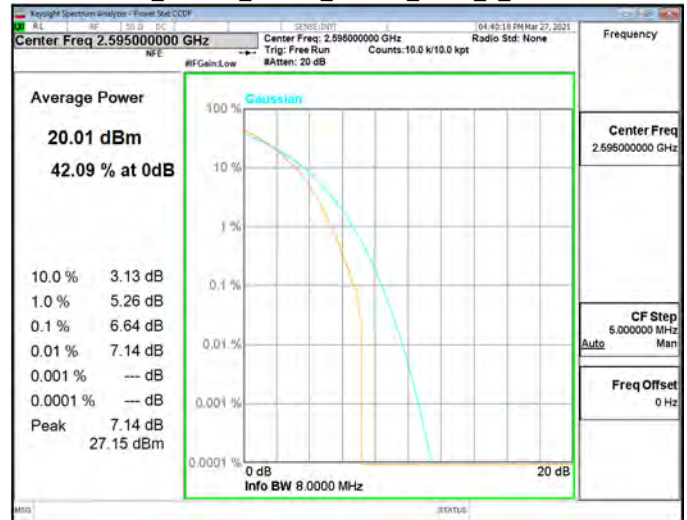
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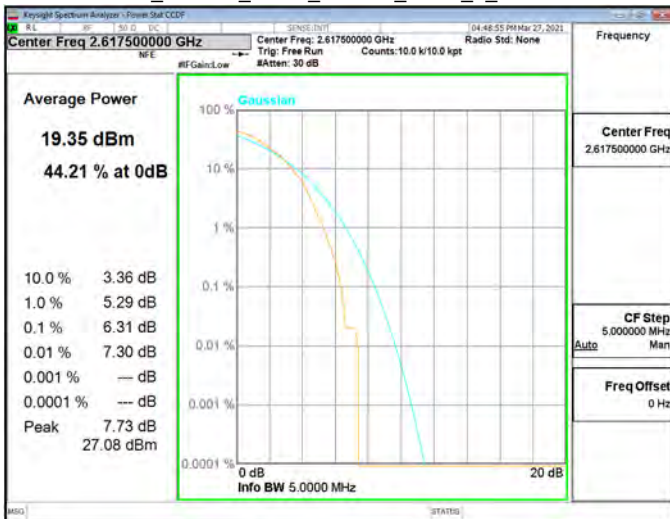
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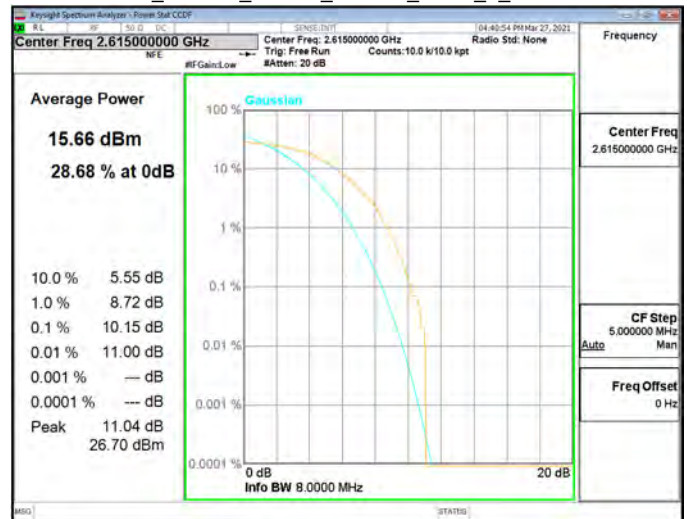
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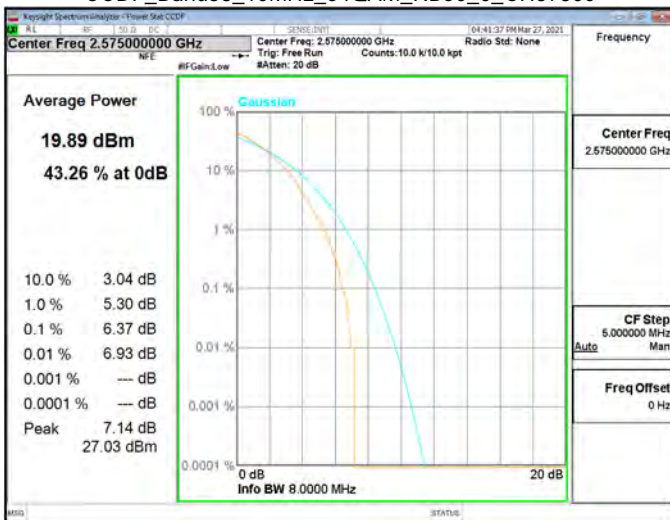
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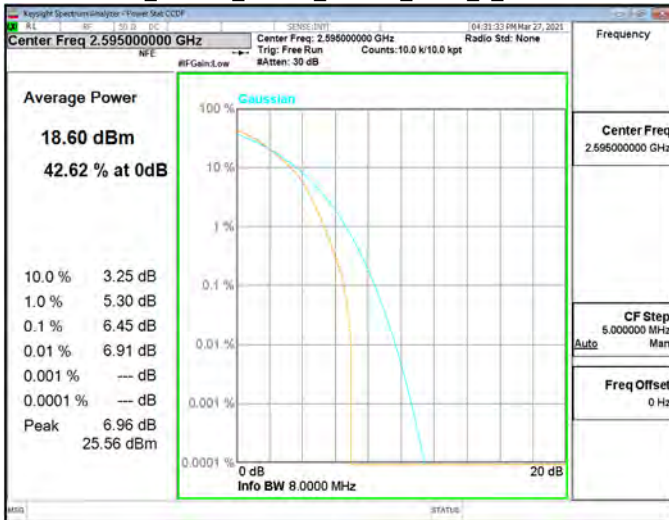


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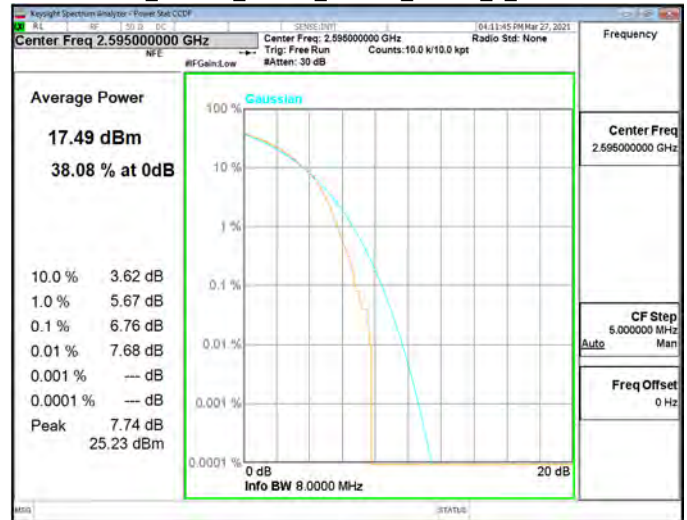
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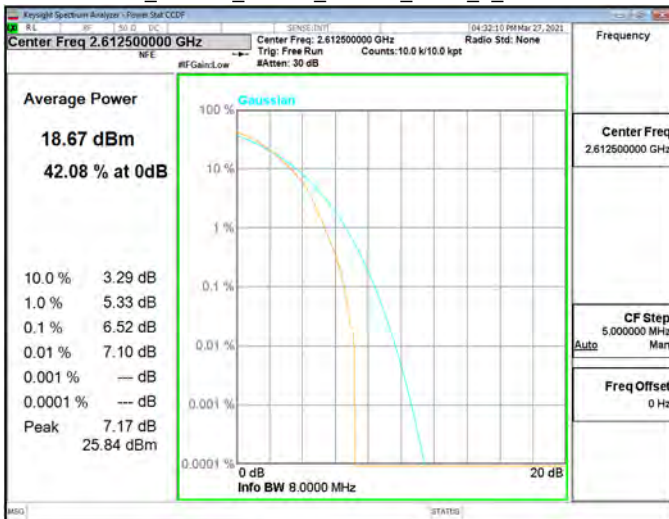
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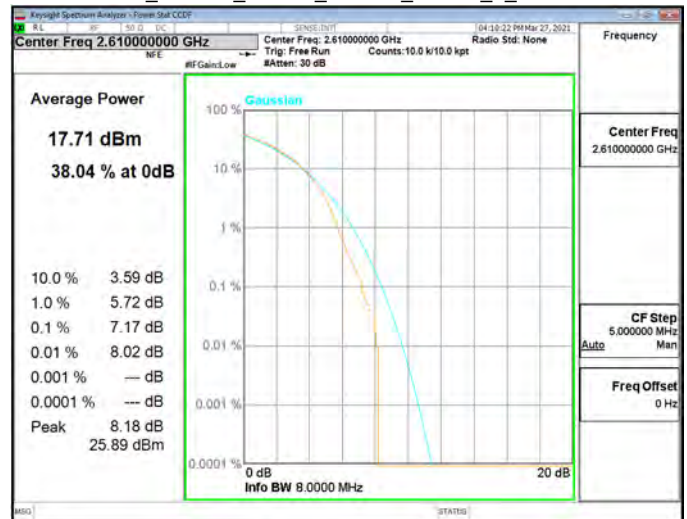
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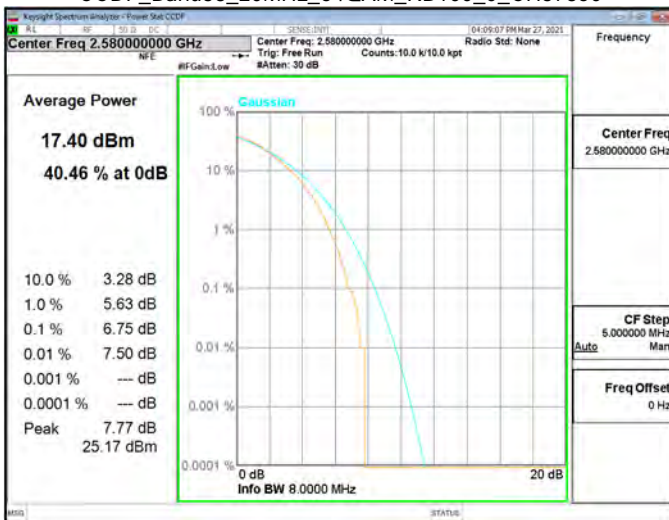
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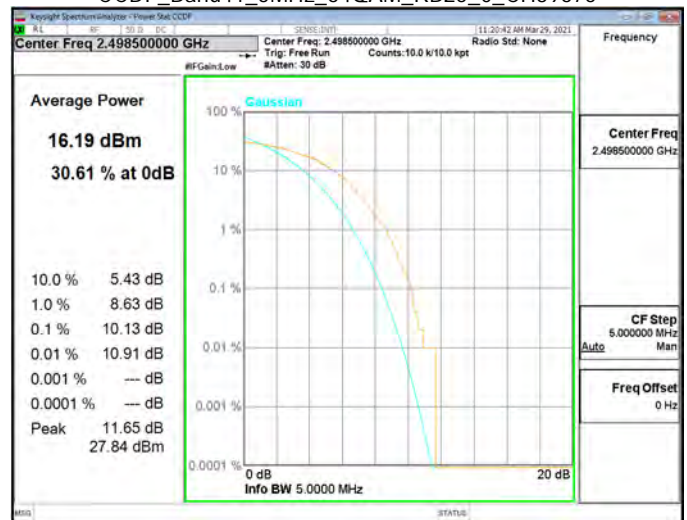
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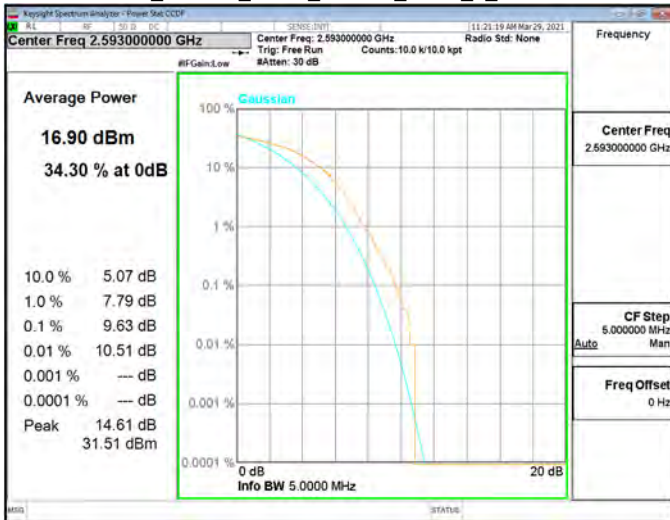


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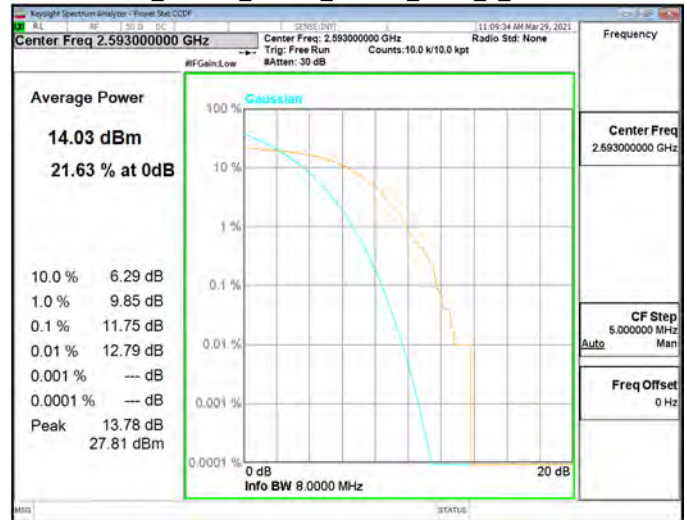
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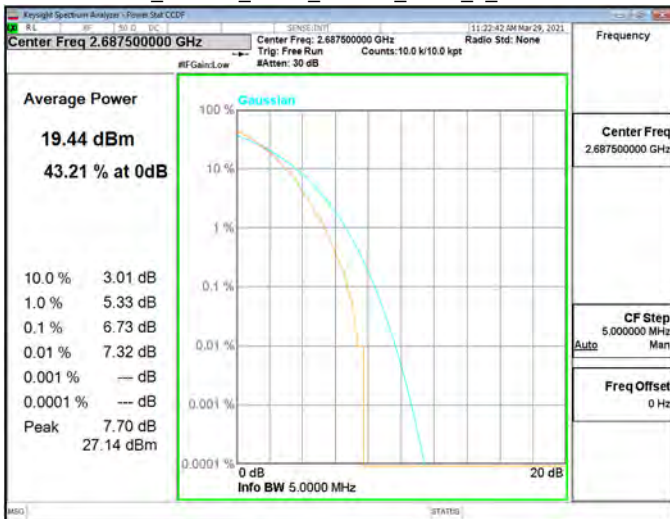
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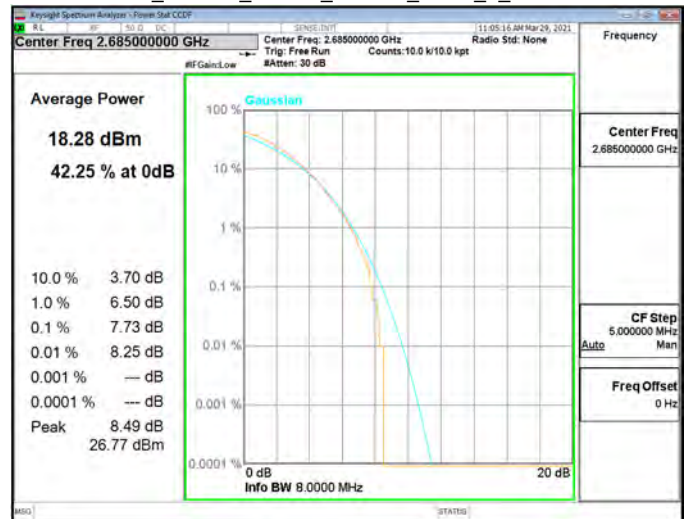
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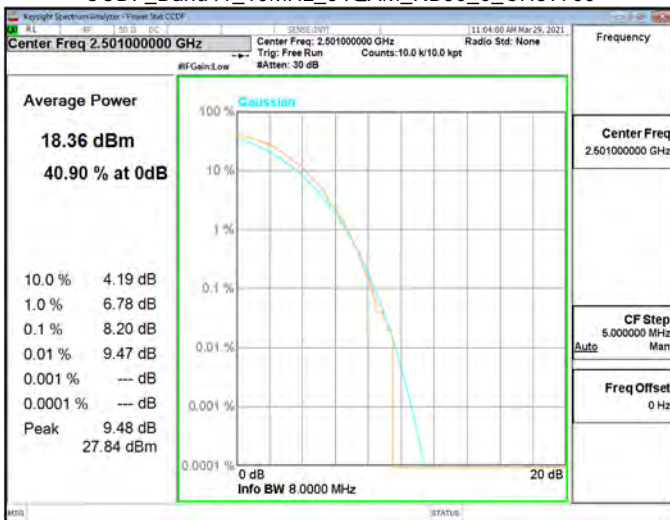
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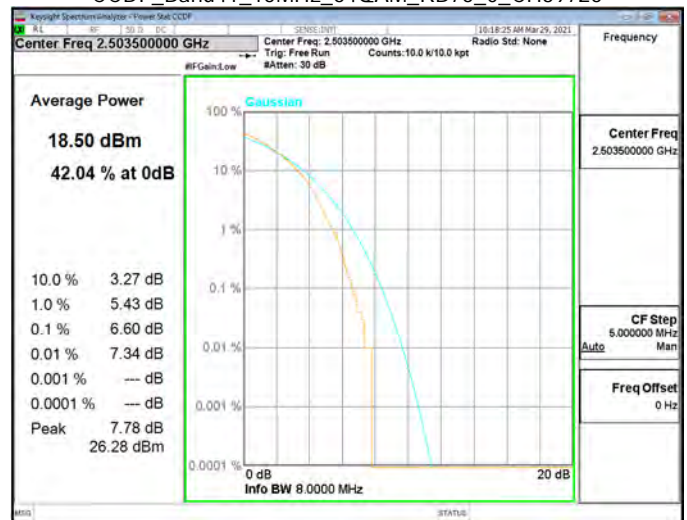
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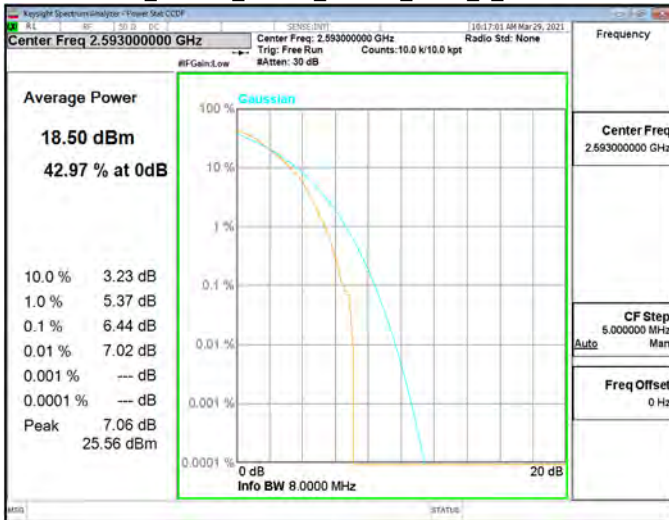


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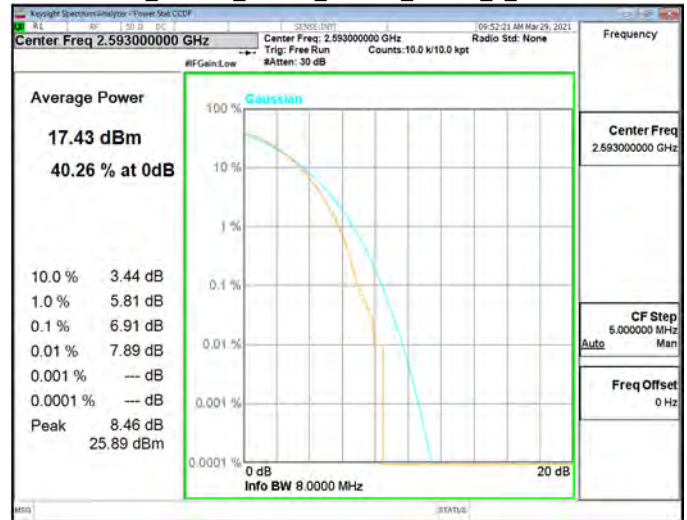
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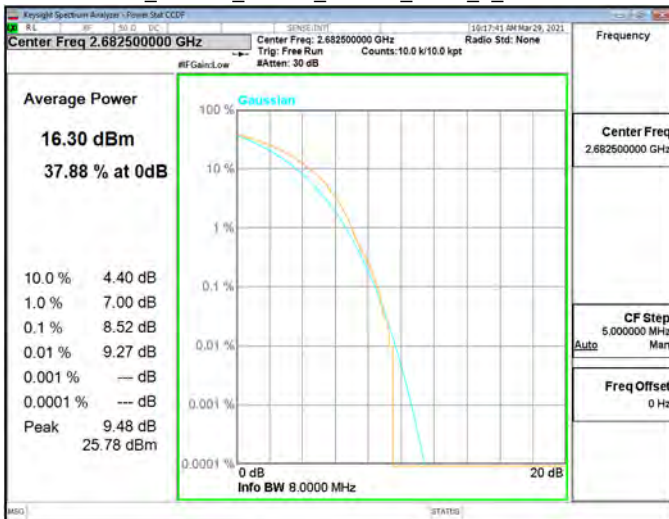
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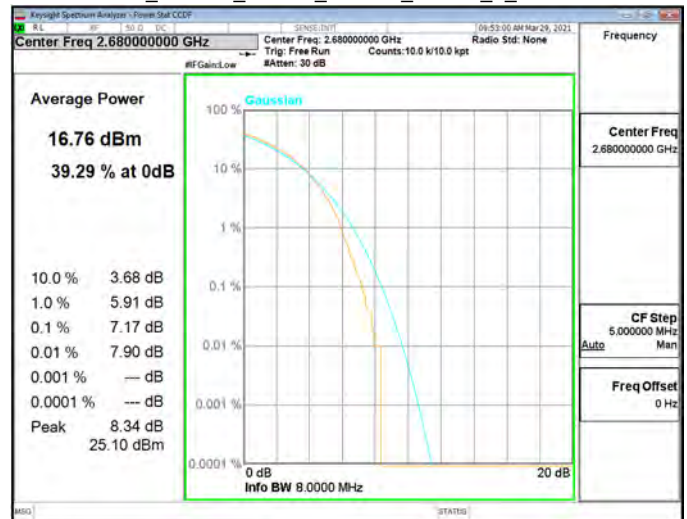
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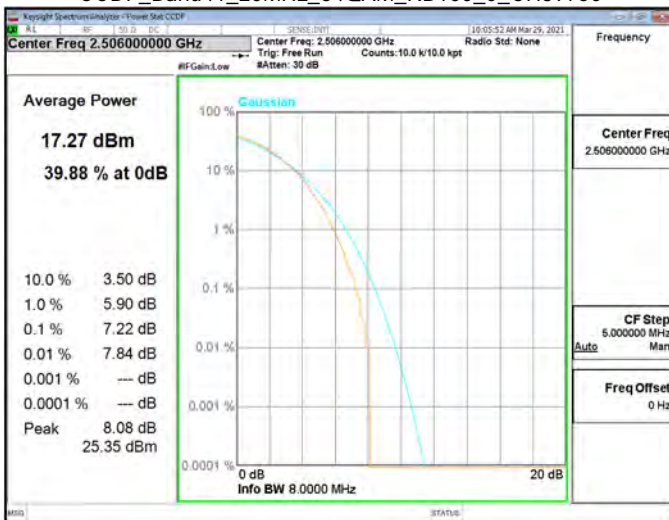
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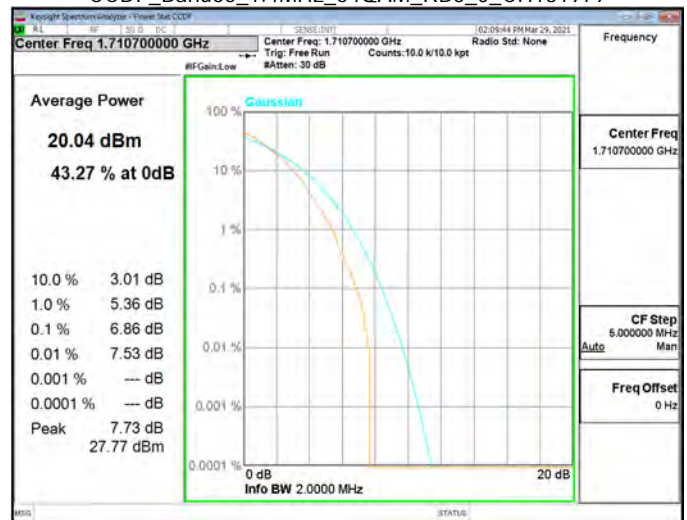
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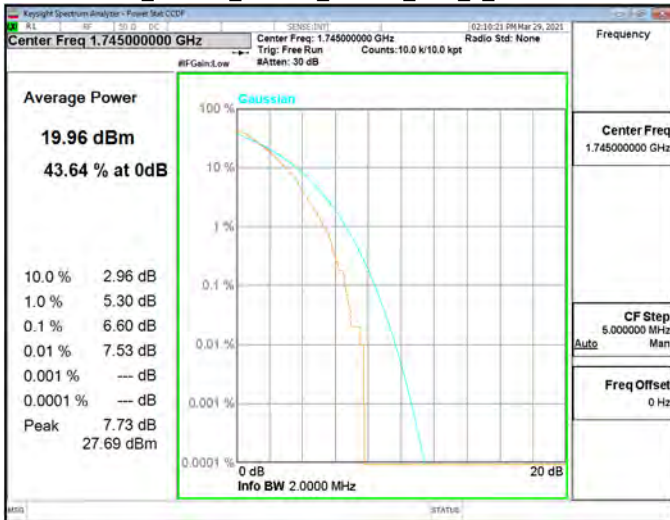


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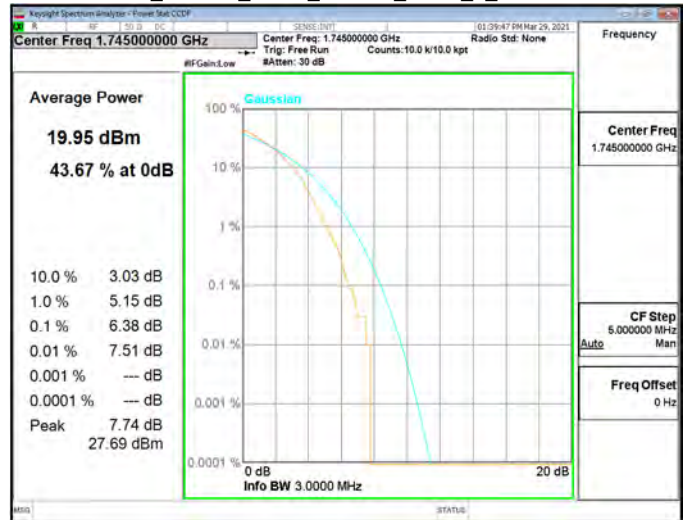
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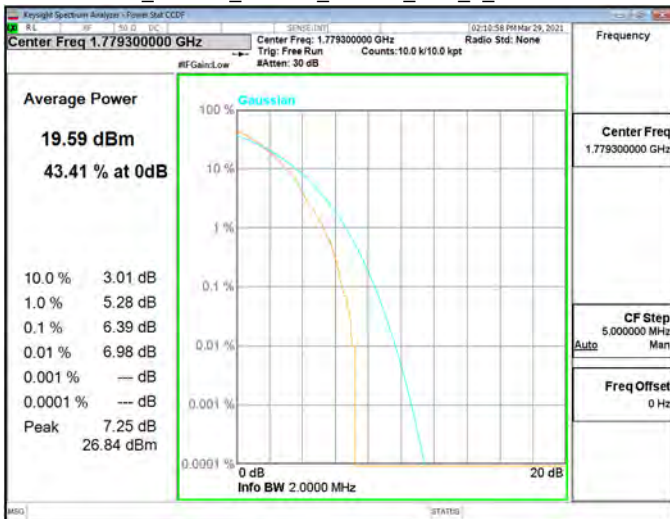
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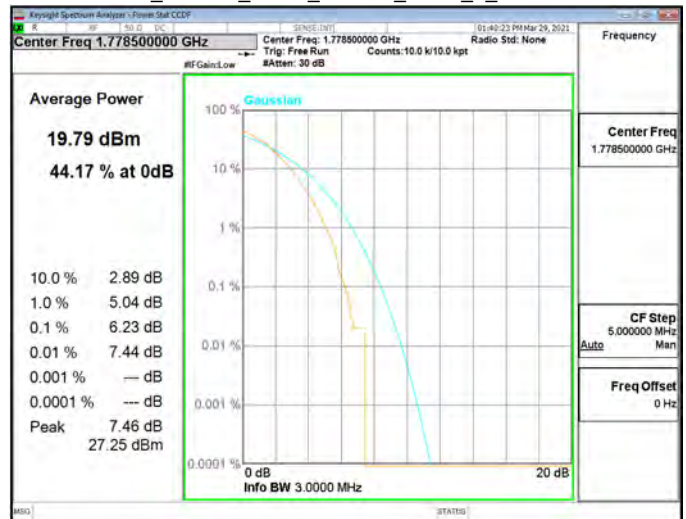
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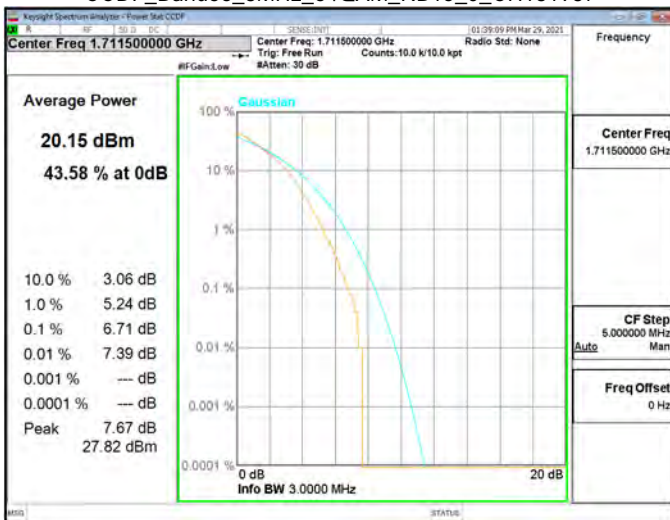
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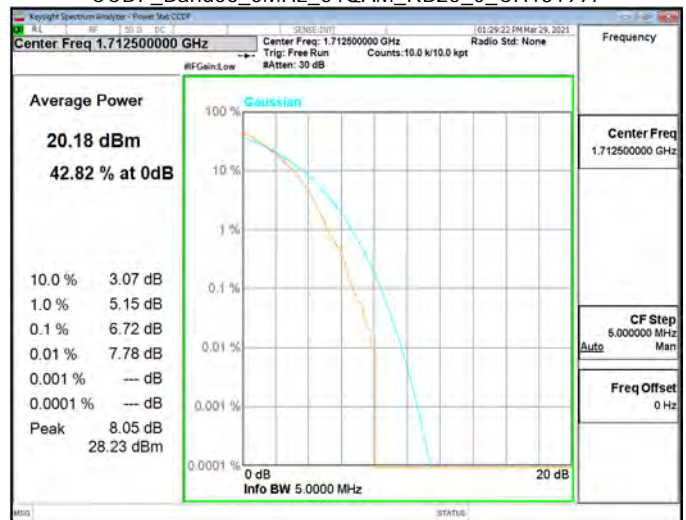
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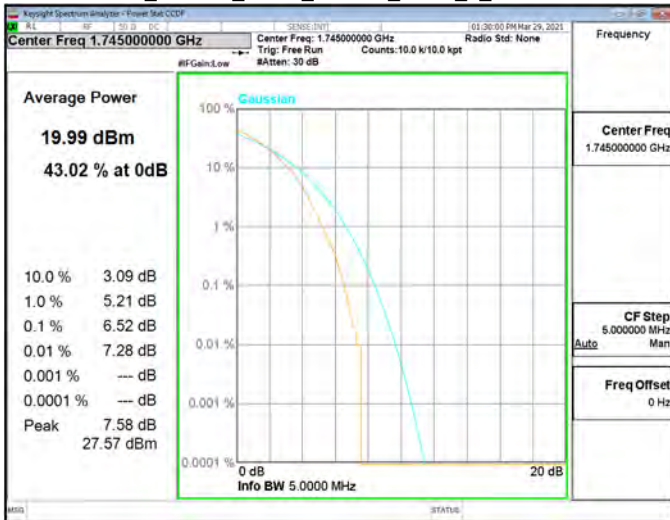


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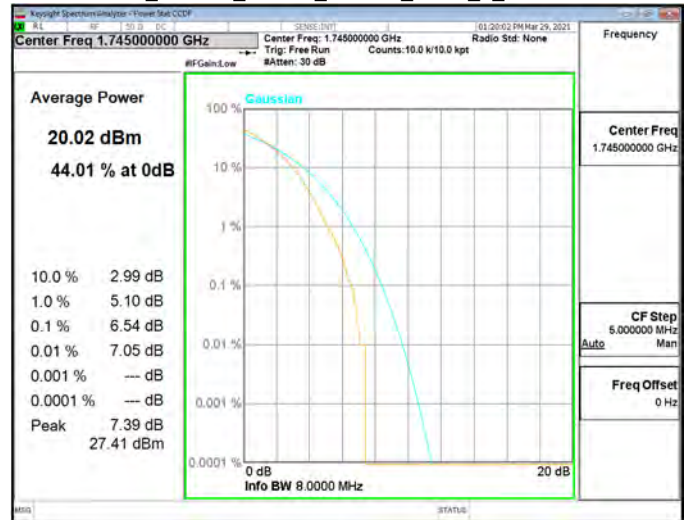
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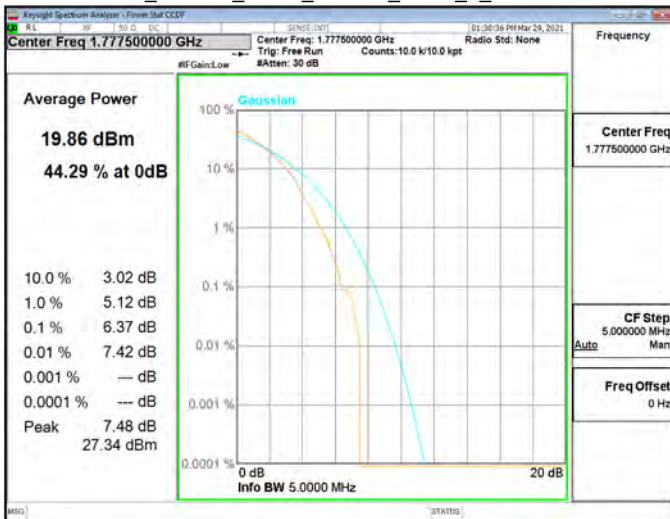
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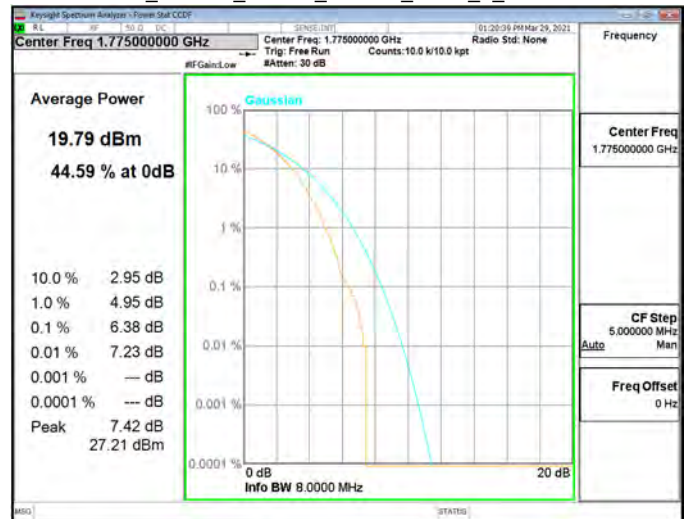
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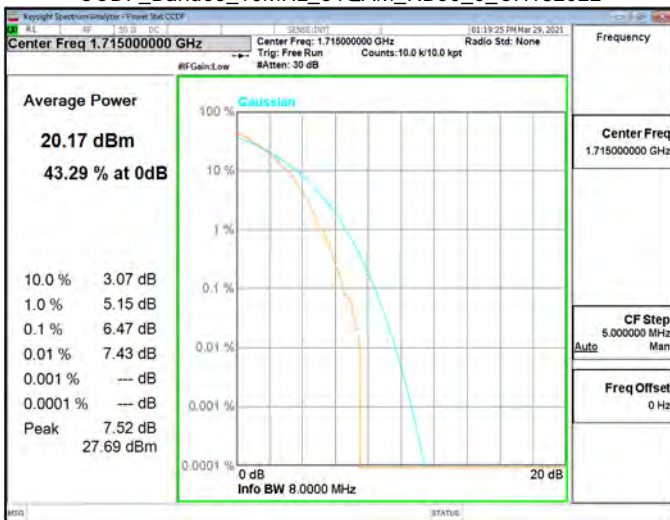
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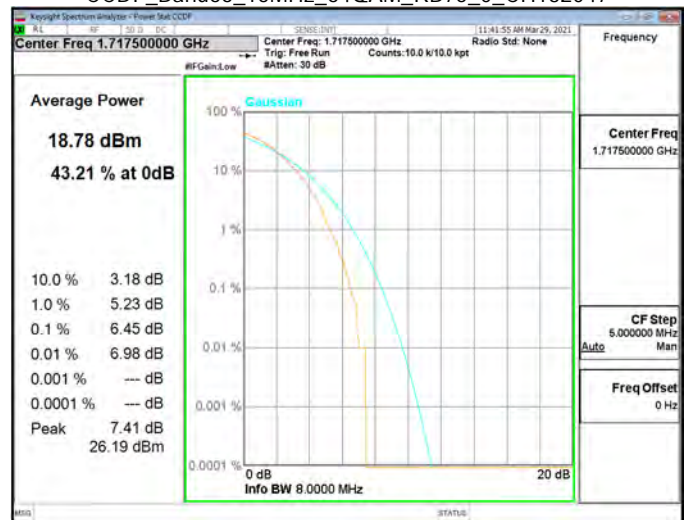
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CCDF_Band66_10MHz_64QAM_RB50_0_CH132022



CCDF_Band66_15MHz_64QAM_RB75_0_CH132047



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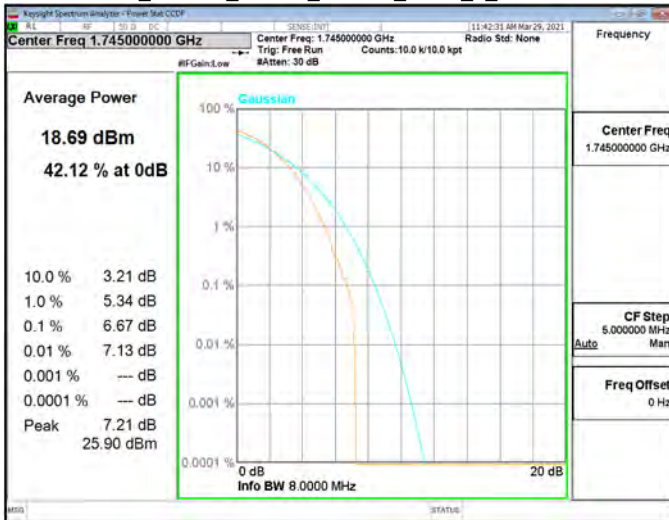
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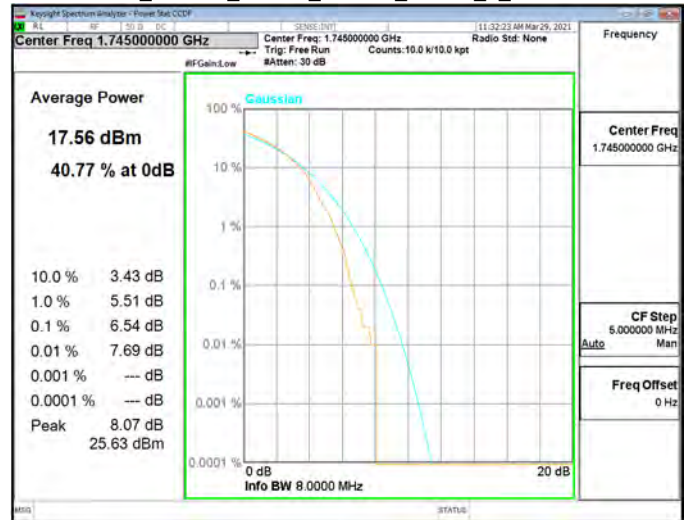
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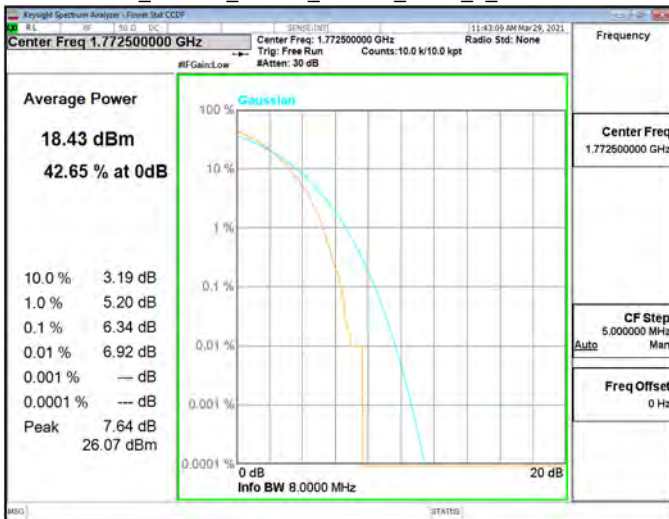
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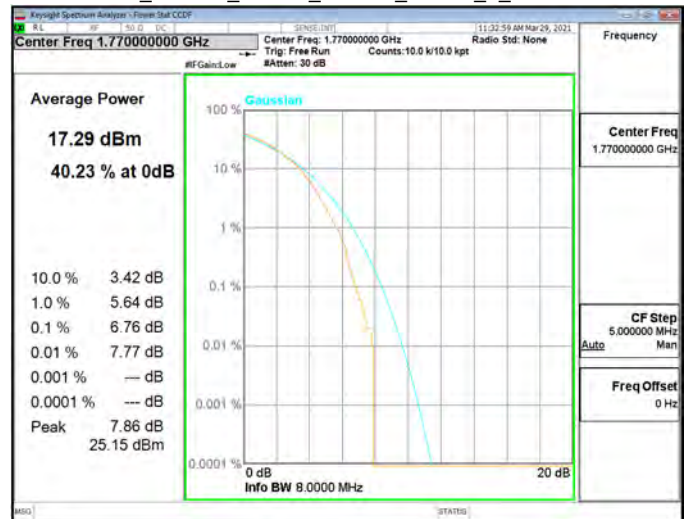
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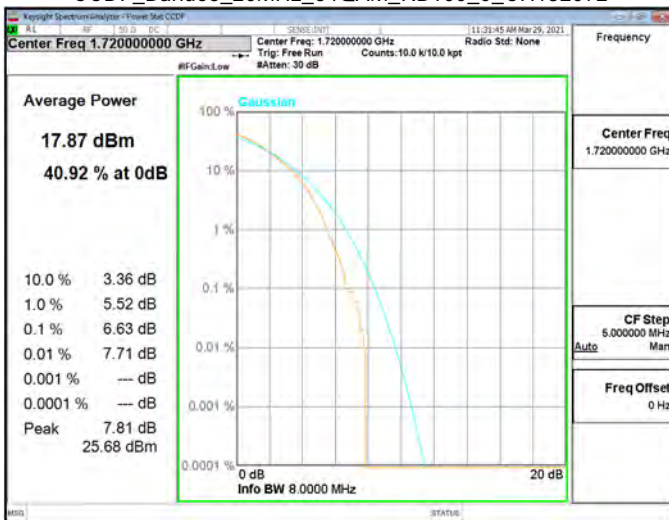
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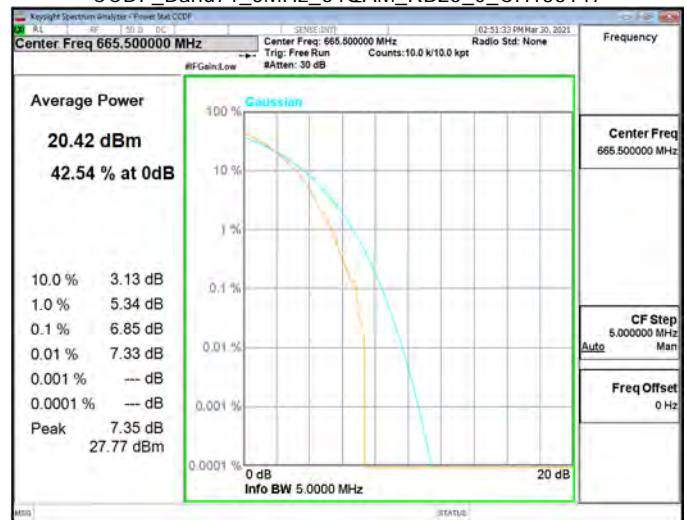
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CCDF_Band66_20MHz_64QAM_RB100_0_CH132072



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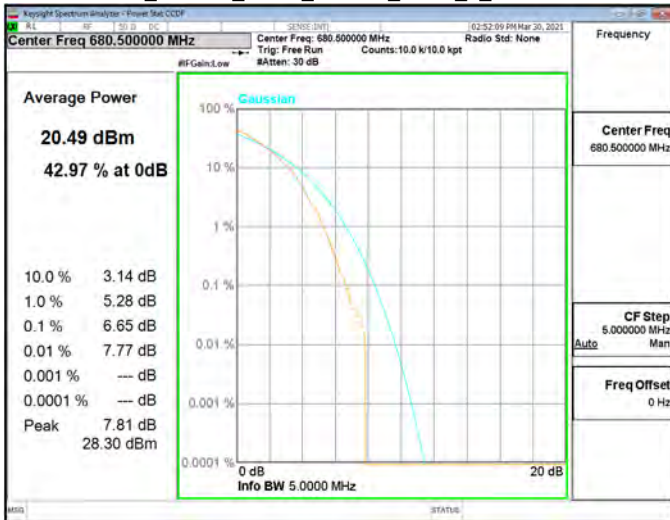


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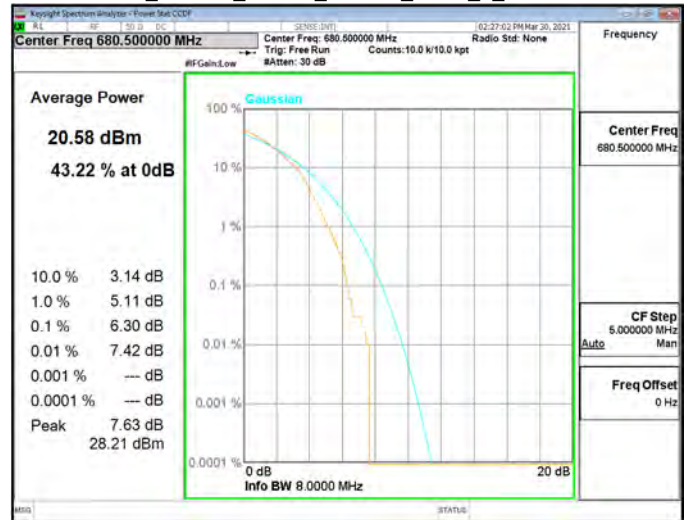
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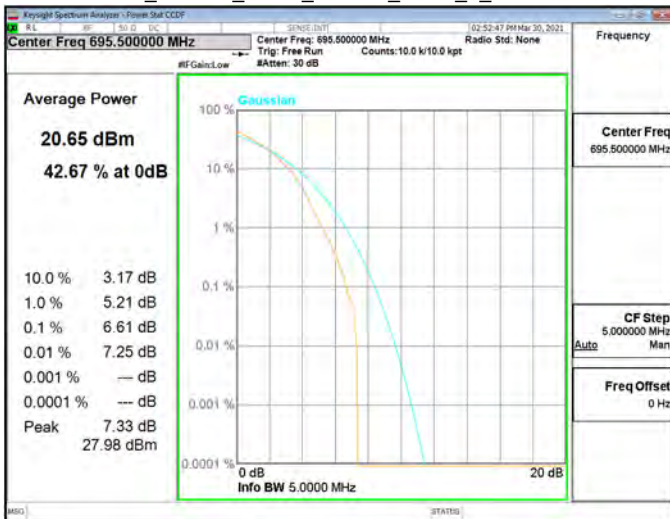
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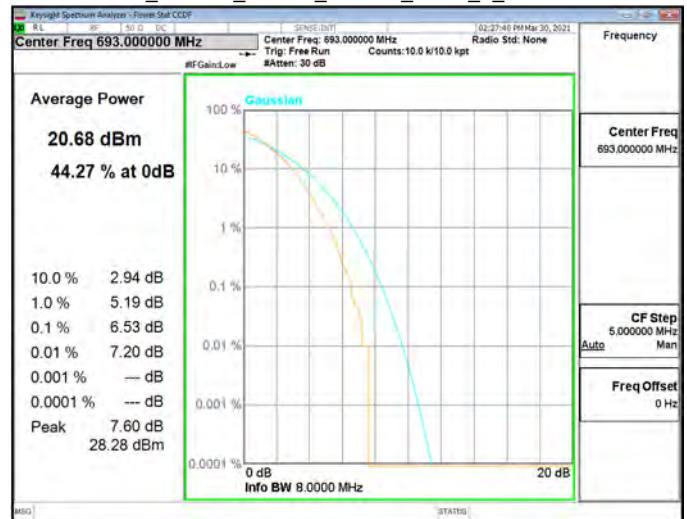
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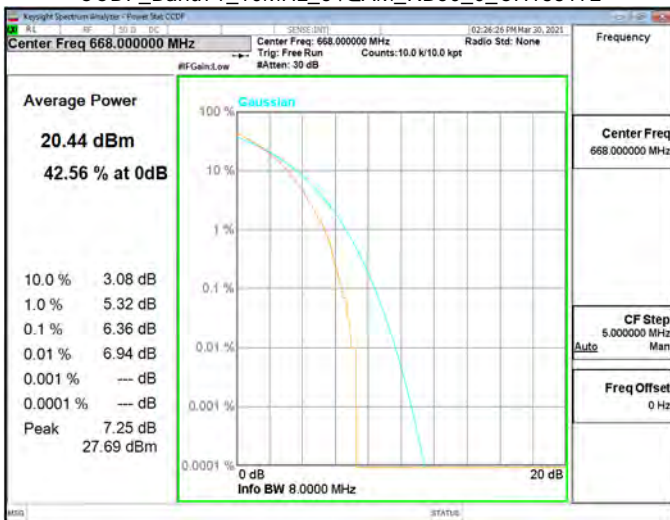
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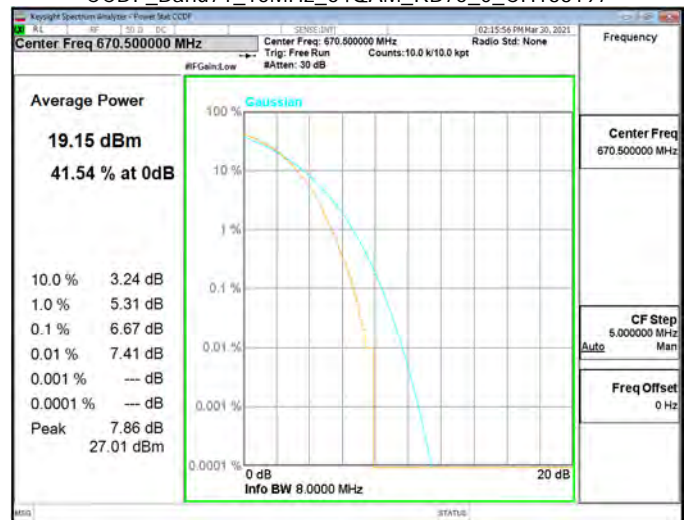
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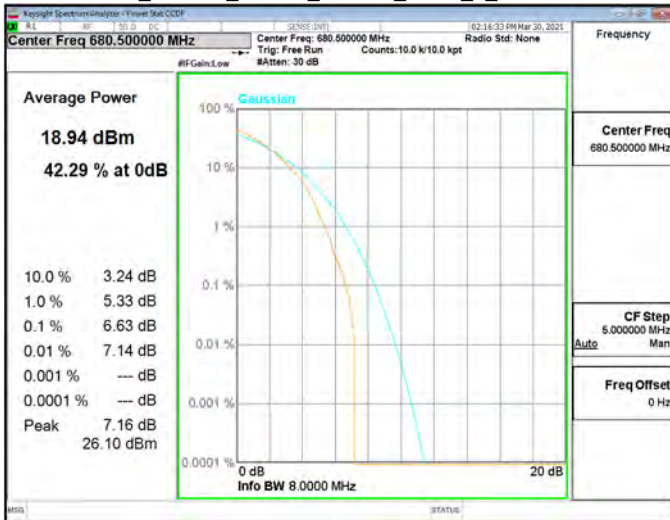


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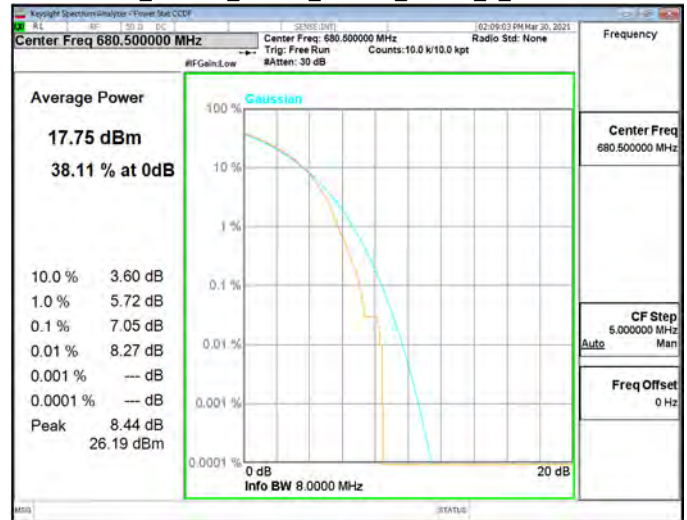
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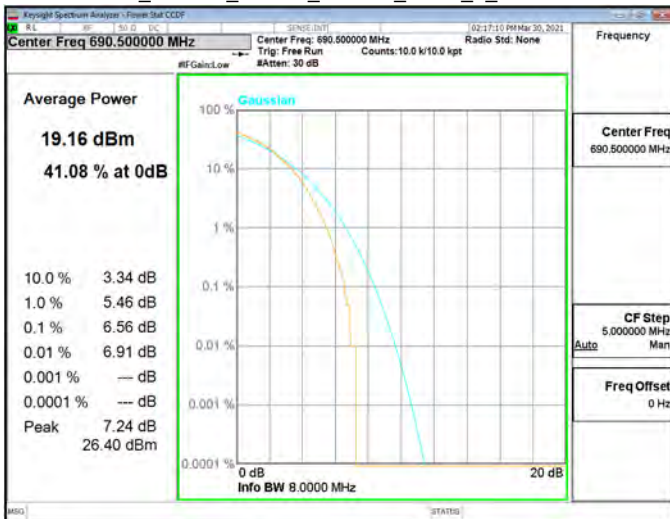
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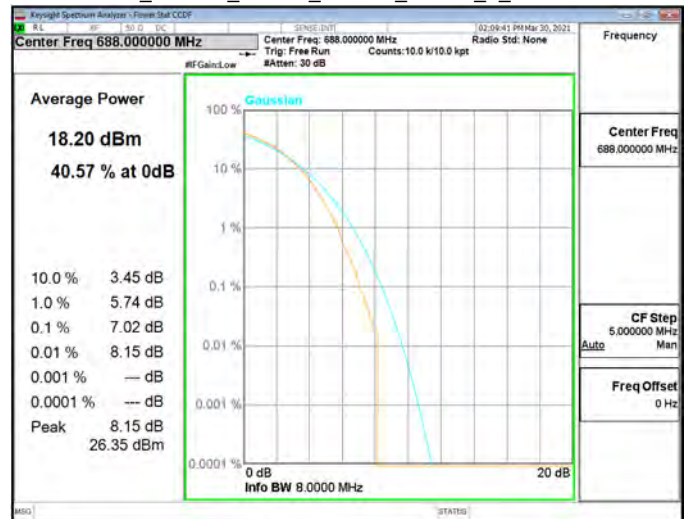
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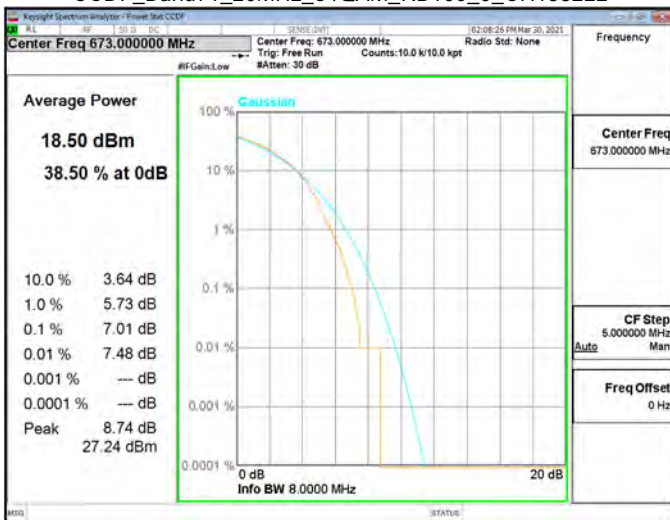
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CCDF_Band71_20MHz_64QAM_RB100_0_CH133372



CCDF_Band71_20MHz_64QAM_RB100_0_CH133222



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~ End of Report ~

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t (886-2) 2299-3279

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