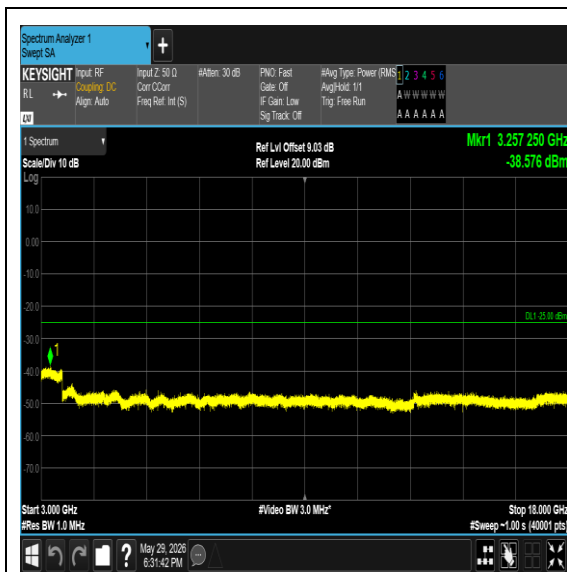
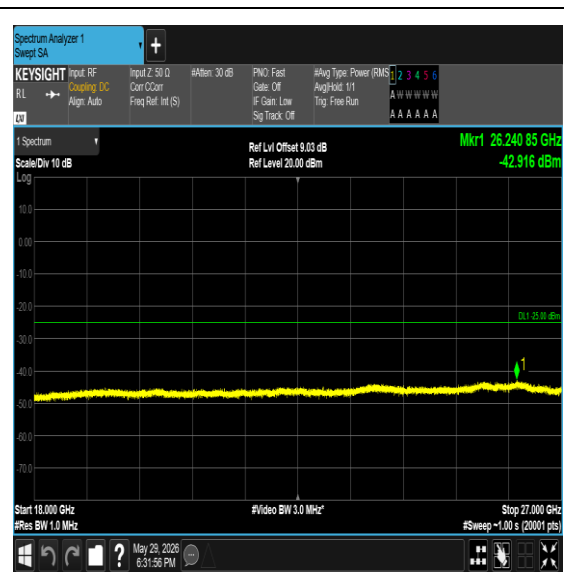
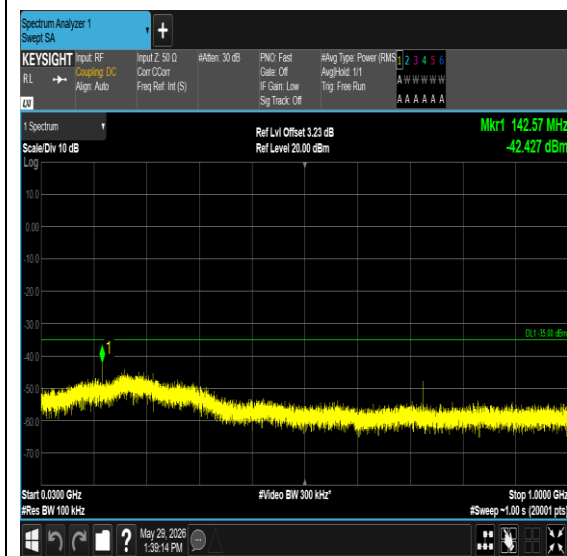




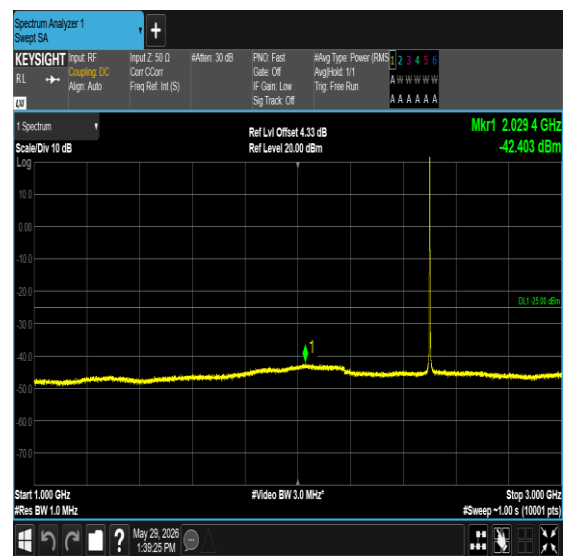
Band7-10MHz-QPSK-20800-1RB#0-30~1000-
PASS



Band7-10MHz-QPSK-20800-1RB#0-1000~3000-
PASS



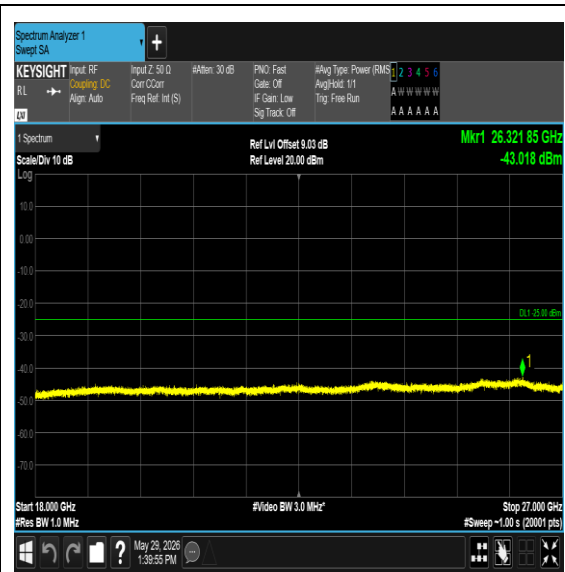
Band7-10MHz-QPSK-20800-1RB#0-3000~18000-
PASS



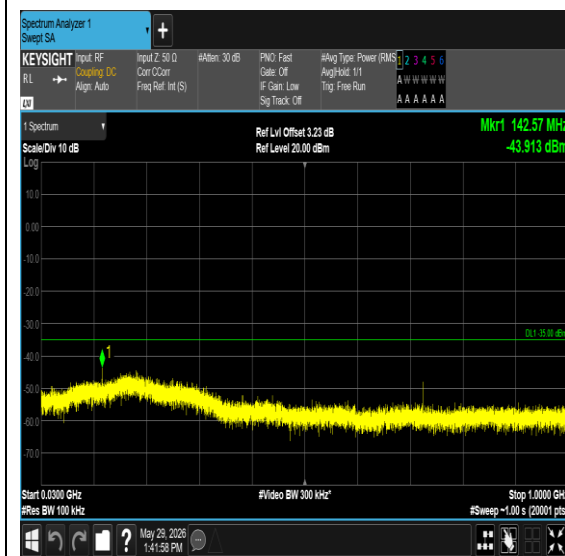
Band7-10MHz-QPSK-20800-1RB#0-18000~27000-
PASS



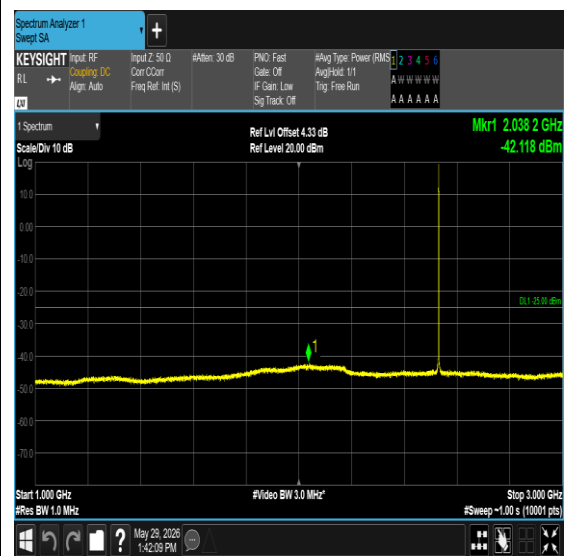
Band7-10MHz-QPSK-21100-1RB#0-30~1000-
PASS



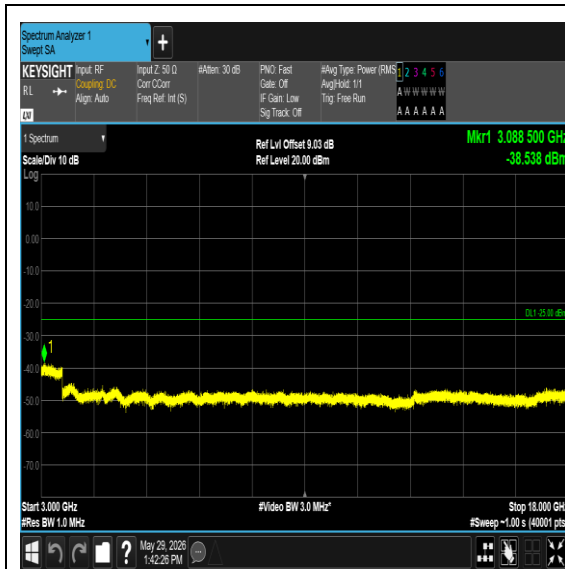
Band7-10MHz-QPSK-21100-1RB#0-1000~3000-
PASS



Band7-10MHz-QPSK-21100-1RB#0-3000~18000-
PASS



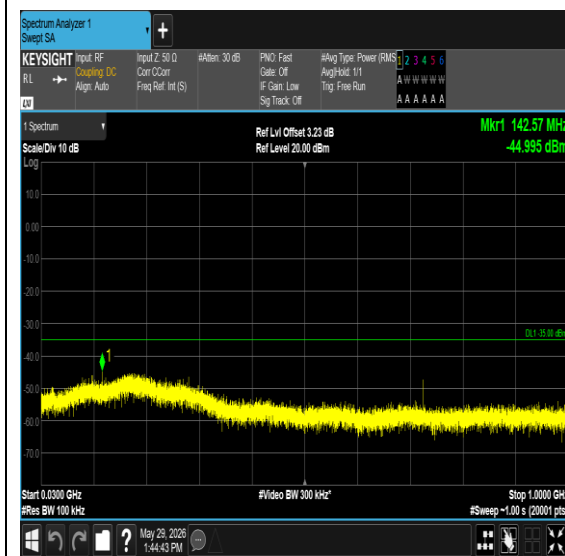
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PASS



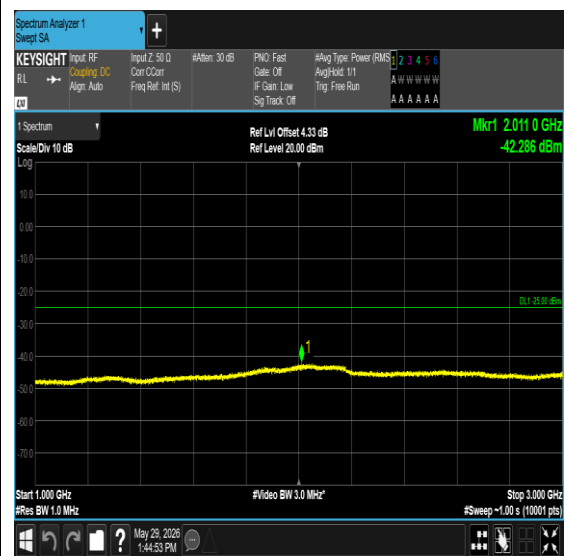
Band7-10MHz-QPSK-21400-1RB#0-30~1000-
PASS



Band7-10MHz-QPSK-21400-1RB#0-1000~3000-
PASS



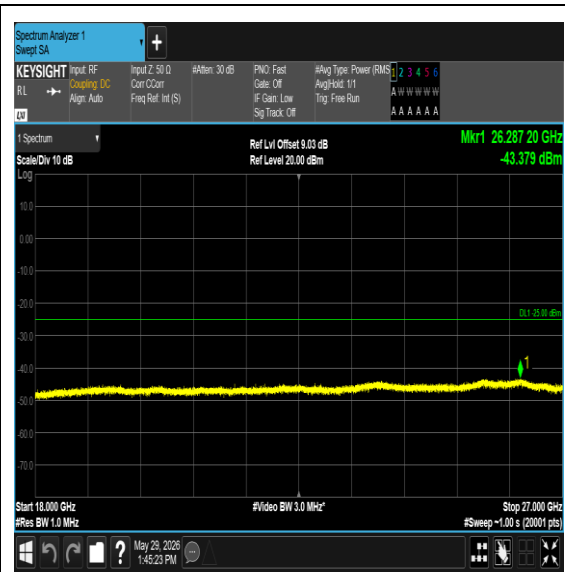
Band7-10MHz-QPSK-21400-1RB#0-3000~18000-
PASS



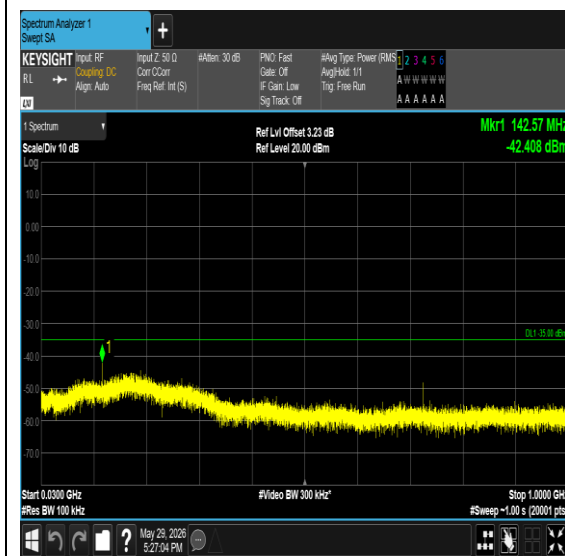
Band7-10MHz-QPSK-21400-1RB#0-18000~27000-
PASS



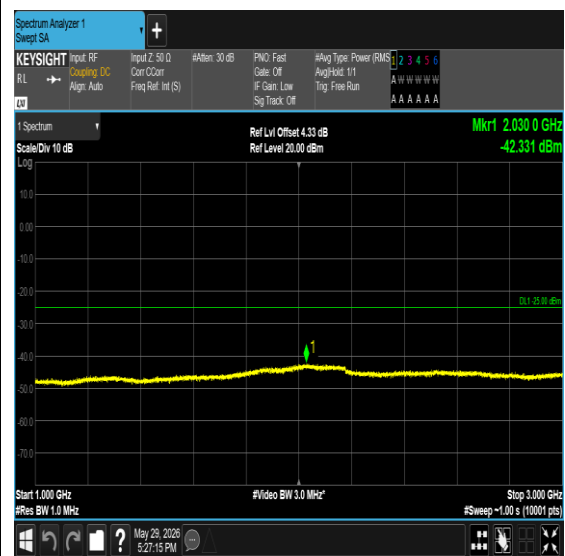
Band7-15MHz-QPSK-20825-1RB#0-30~1000-
PASS



Band7-15MHz-QPSK-20825-1RB#0-1000~3000-
PASS



Band7-15MHz-QPSK-20825-1RB#0-3000~18000-
PASS



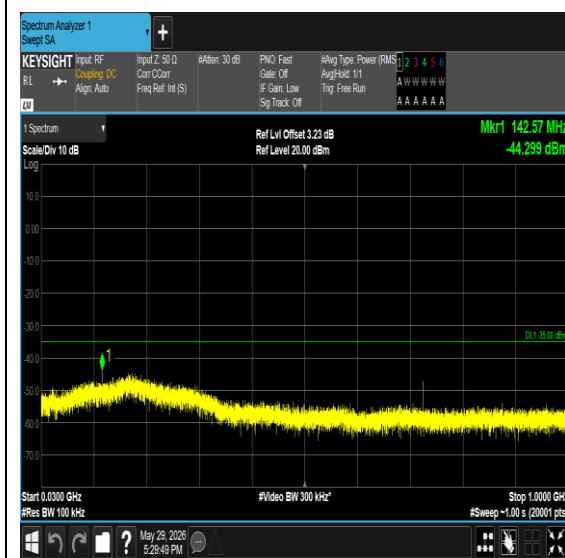
Band7-15MHz-QPSK-20825-1RB#0-18000~27000-
PASS



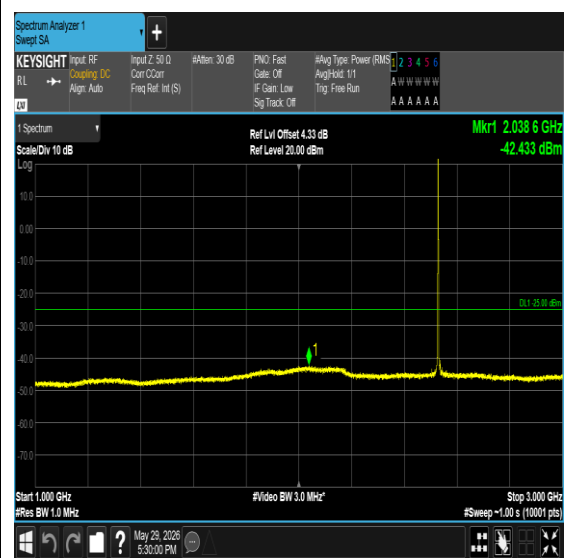
Band7-15MHz-QPSK-21100-1RB#0-30~1000-
PASS



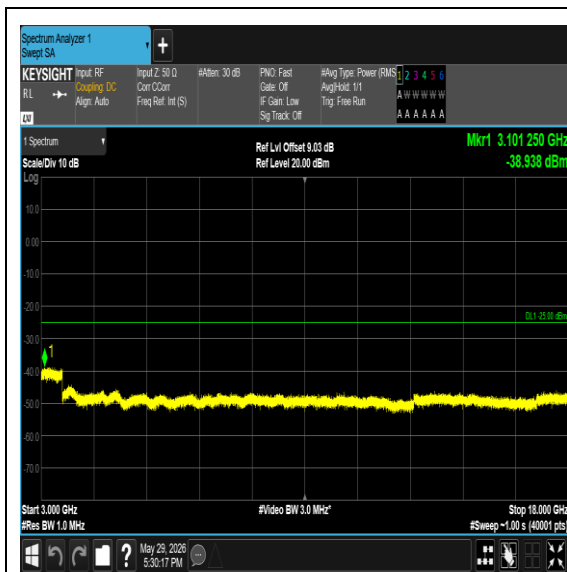
Band7-15MHz-QPSK-21100-1RB#0-1000~3000-
PASS



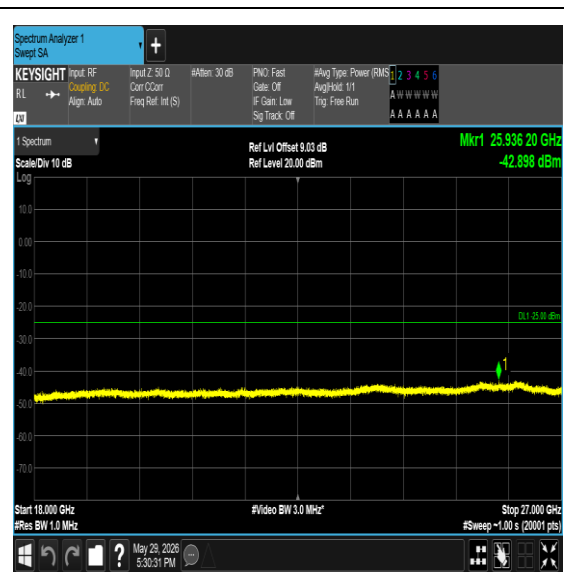
Band7-15MHz-QPSK-21100-1RB#0-3000~18000-
PASS



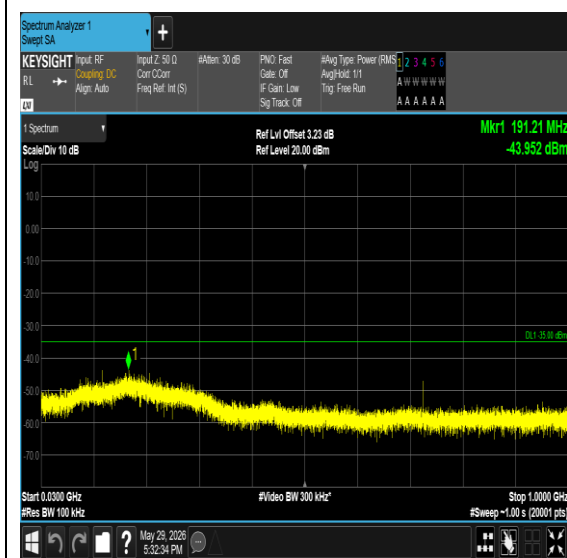
Band7-15MHz-QPSK-21100-1RB#0-18000~27000-
PASS



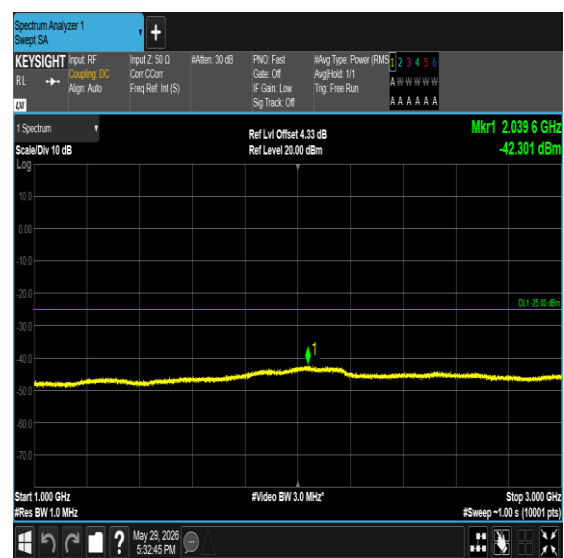
Band7-15MHz-QPSK-21375-1RB#0-30~1000-
PASS



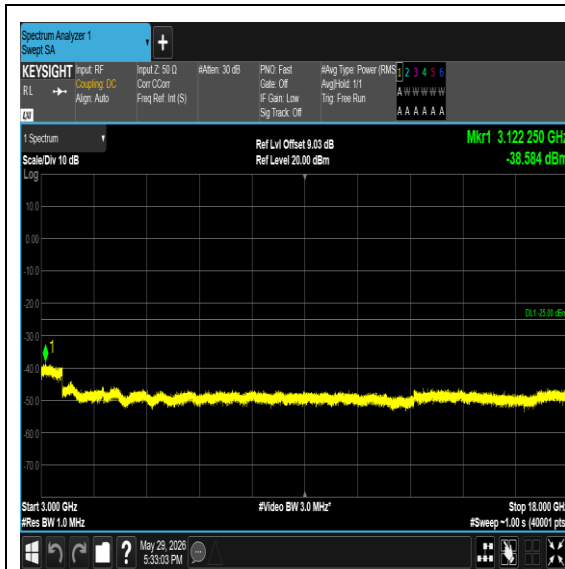
Band7-15MHz-QPSK-21375-1RB#0-1000~3000-
PASS



Band7-15MHz-QPSK-21375-1RB#0-3000~18000-
PASS



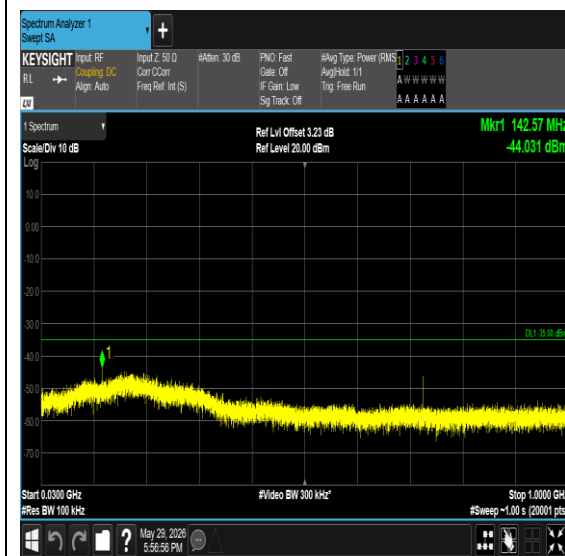
Band7-15MHz-QPSK-21375-1RB#0-18000~27000-
PASS



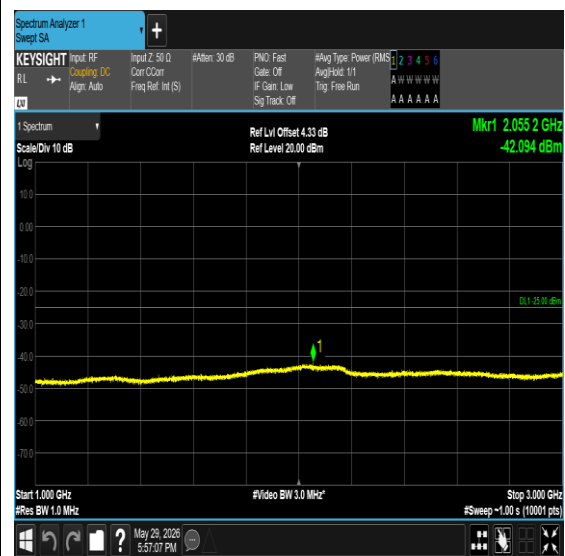
Band7-20MHz-QPSK-20850-1RB#0-30~1000-
PASS



Band7-20MHz-QPSK-20850-1RB#0-1000~3000-
PASS



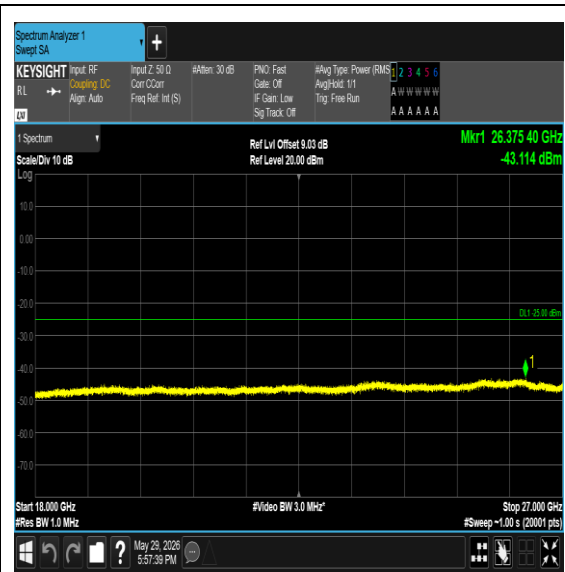
Band7-20MHz-QPSK-20850-1RB#0-3000~18000-
PASS



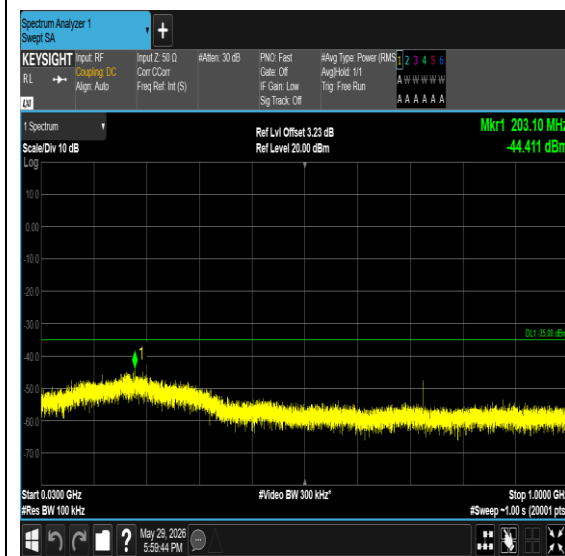
Band7-20MHz-QPSK-20850-1RB#0-18000~27000-
PASS



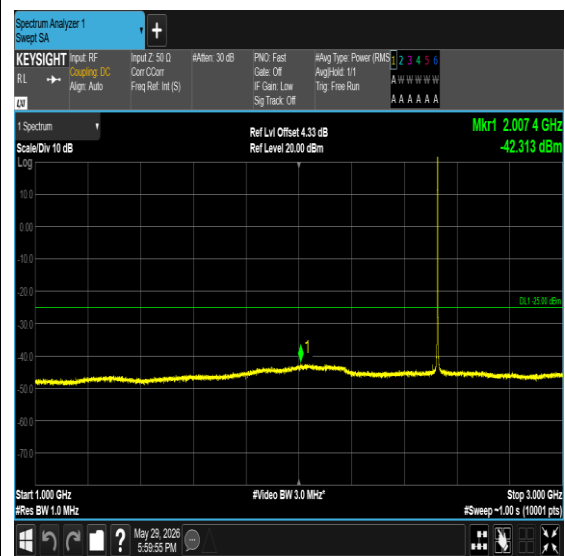
Band7-20MHz-QPSK-21100-1RB#0-30~1000-
PASS



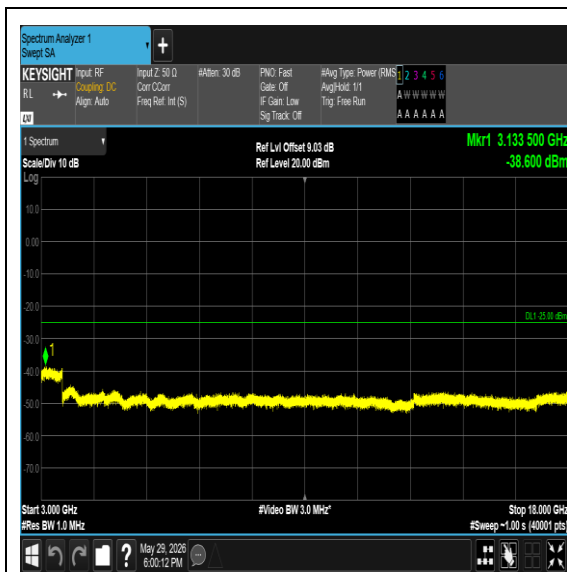
Band7-20MHz-QPSK-21100-1RB#0-1000~3000-
PASS



Band7-20MHz-QPSK-21100-1RB#0-3000~18000-
PASS



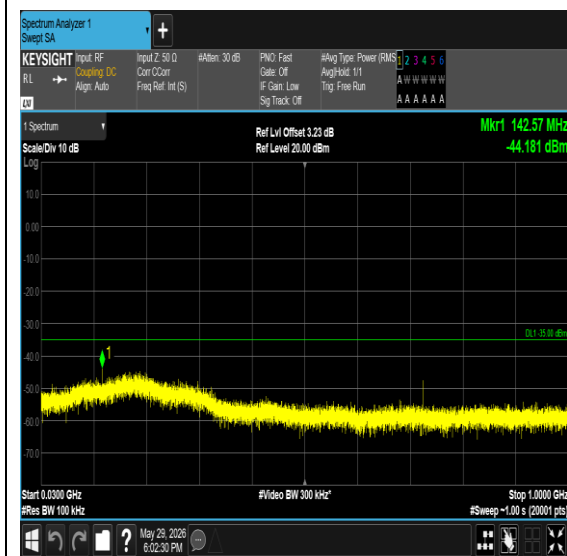
Band7-20MHz-QPSK-21100-1RB#0-18000~27000-
PASS



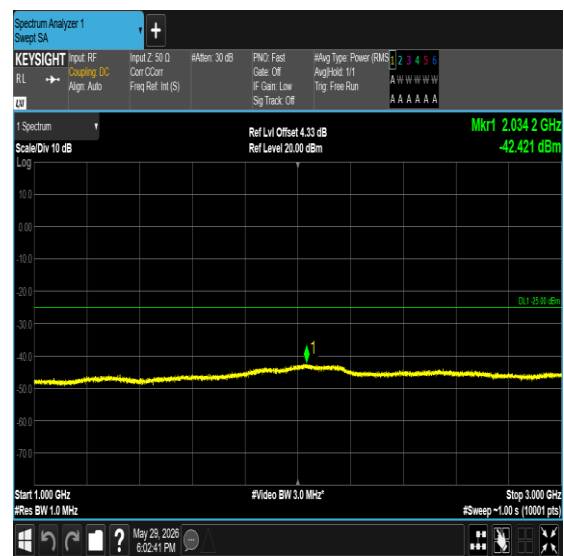
Band7-20MHz-QPSK-21350-1RB#0-30~1000-
PASS



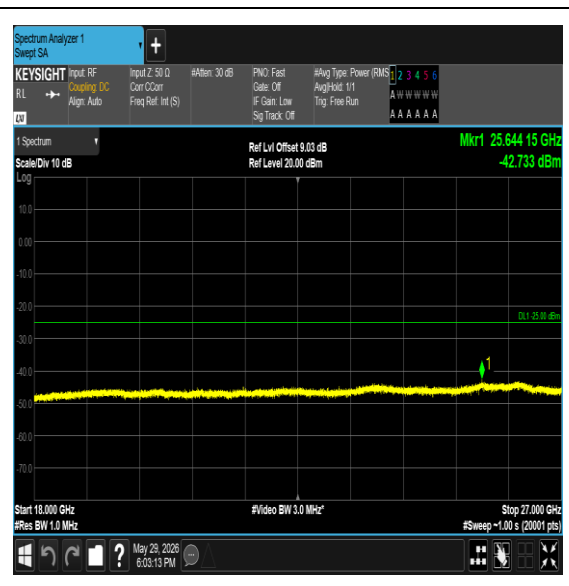
Band7-20MHz-QPSK-21350-1RB#0-1000~3000-
PASS



Band7-20MHz-QPSK-21350-1RB#0-3000~18000-
PASS



Band7-20MHz-QPSK-21350-1RB#0-18000~27000-
PASS



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-3.57	-0.001425	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-5.94	-0.002371	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-3.81	-0.001521	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-3.42	-0.001333	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-3.83	-0.001493	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-6.83	-0.002663	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-5.13	-0.002048	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-4.00	-0.001597	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-4.01	-0.001601	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-3.50	-0.001397	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-4.66	-0.001860	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-2.30	-0.000918	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-4.05	-0.001617	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-3.59	-0.001433	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-6.19	-0.002471	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-3.79	-0.001478	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-5.45	-0.002125	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-4.51	-0.001758	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-4.98	-0.001942	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-4.59	-0.001789	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-4.71	-0.001836	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-5.19	-0.002023	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-5.61	-0.002187	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-4.33	-0.001688	±2.5	PASS

LTE BAND 12

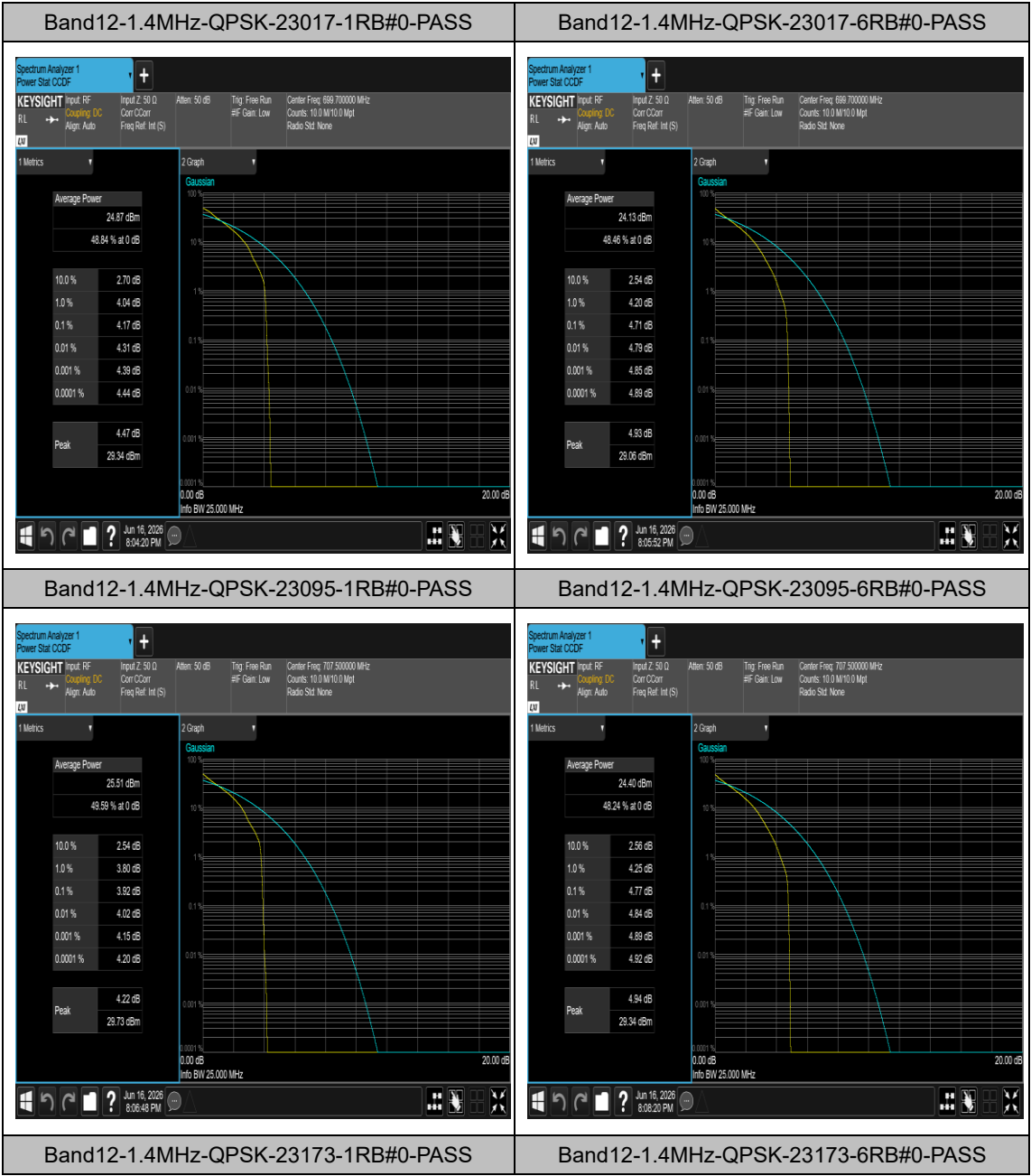
Peak-to-Average Ratio(CCDF)

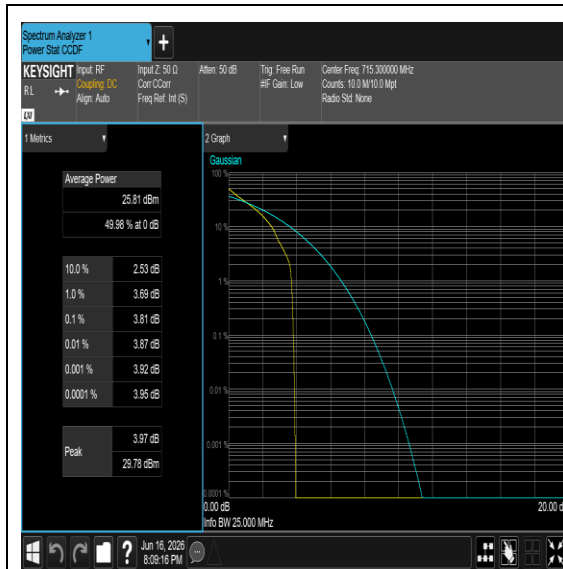
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.17	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.71	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.92	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.77	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.81	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.65	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	3.83	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	4.69	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	3.95	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	4.72	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	3.80	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	4.61	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.61	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.64	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	4.82	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.69	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.64	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.57	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.83	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.86	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.98	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.82	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.78	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.72	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	3.83	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	4.84	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	3.97	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	4.79	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	3.76	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	4.70	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.73	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.78	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	4.91	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.73	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.65	13	PASS

Band12	3MHz	16QAM	23165	15RB#0	5.63	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.88	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.92	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.00	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.72	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.66	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.64	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	3.86	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.91	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	3.97	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.71	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	3.65	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.64	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.69	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.85	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.86	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.64	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.53	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.55	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.89	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.07	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.06	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.94	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.97	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.82	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	3.88	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	5.01	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	4.05	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	4.90	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	3.97	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	4.80	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.76	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.88	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.91	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.76	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.80	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.68	13	PASS

Test Graphs

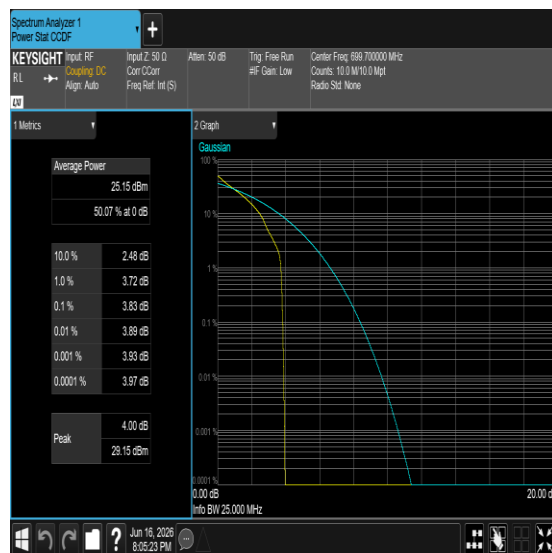




Band12-1.4MHz-64QAM-23017-1RB#0-PASS



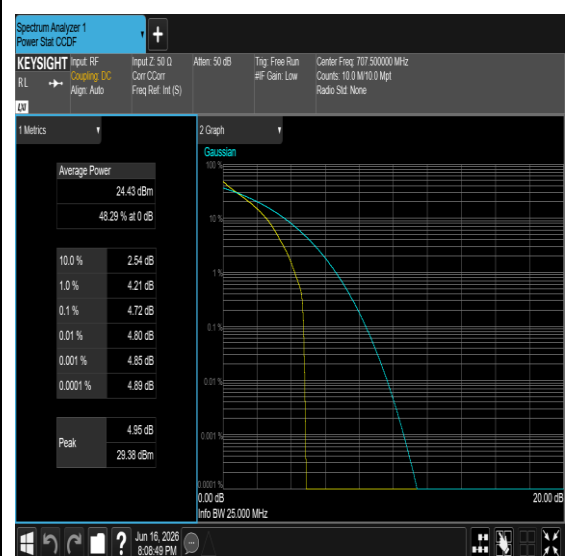
Band12-1.4MHz-64QAM-23017-6RB#0-PASS



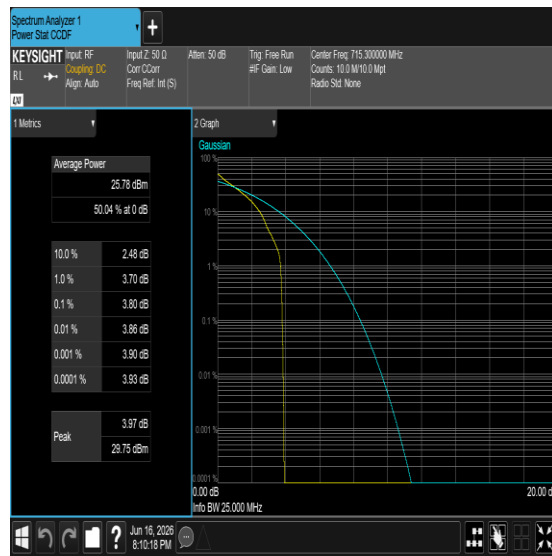
Band12-1.4MHz-64QAM-23095-1RB#0-PASS



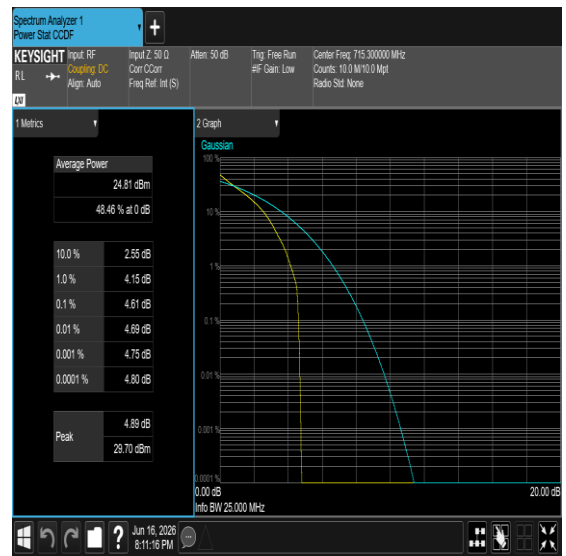
Band12-1.4MHz-64QAM-23095-6RB#0-PASS



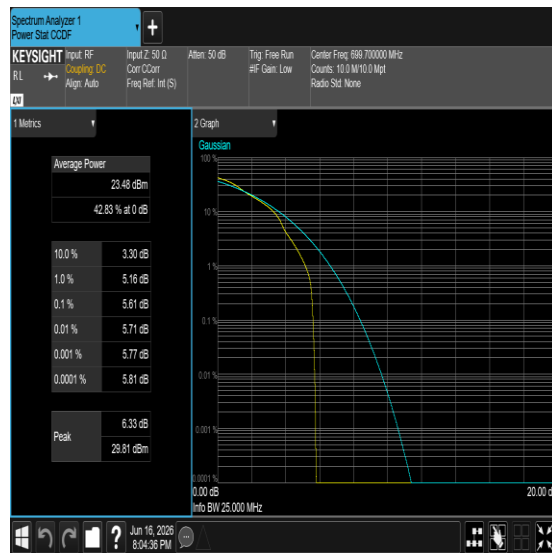
Band12-1.4MHz-64QAM-23173-1RB#0-PASS



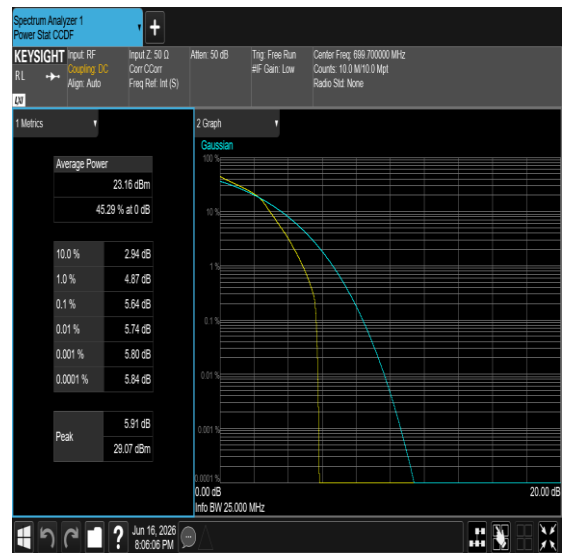
Band12-1.4MHz-64QAM-23173-6RB#0-PASS



Band12-1.4MHz-16QAM-23017-1RB#0-PASS

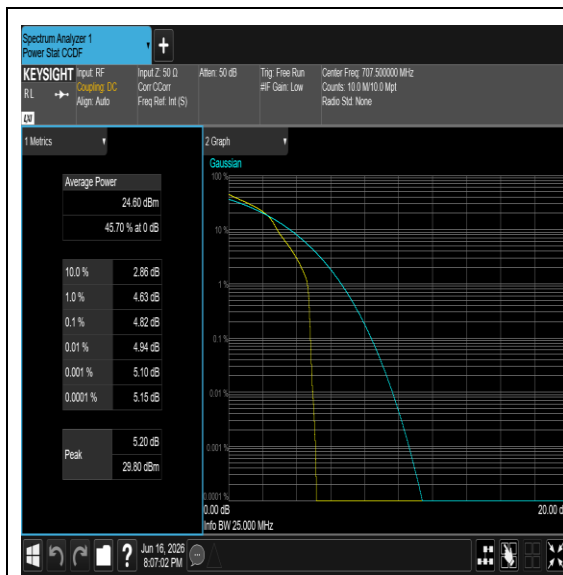


Band12-1.4MHz-16QAM-23017-6RB#0-PASS



Band12-1.4MHz-16QAM-23095-1RB#0-PASS

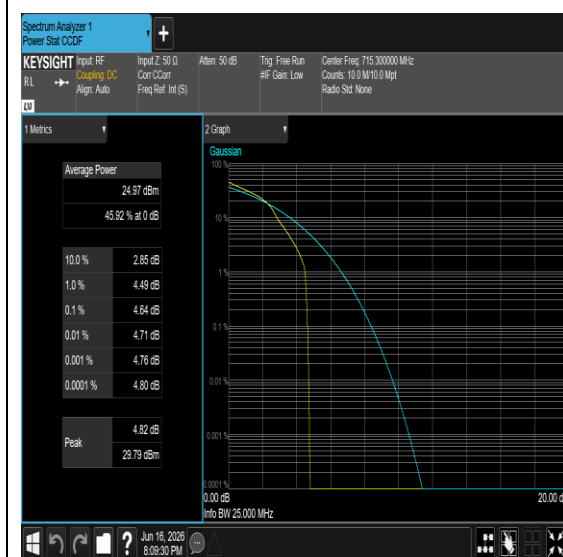
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



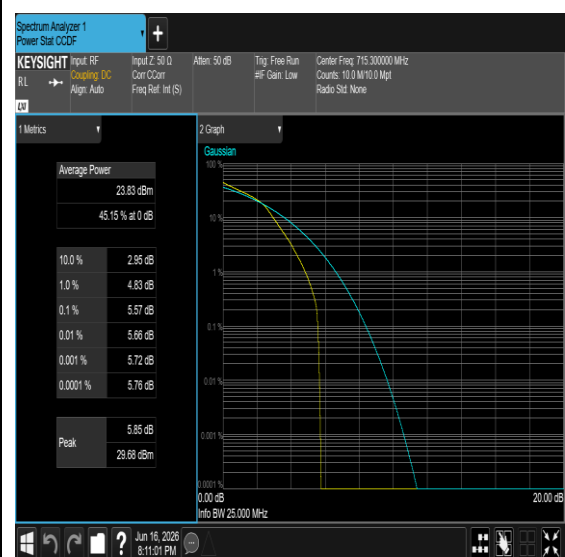
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



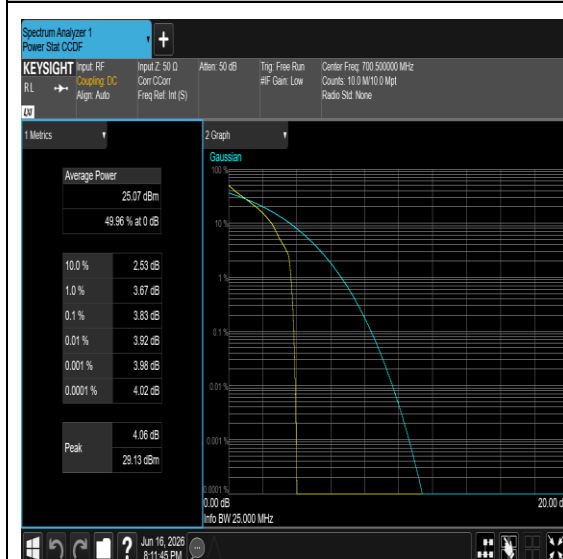
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



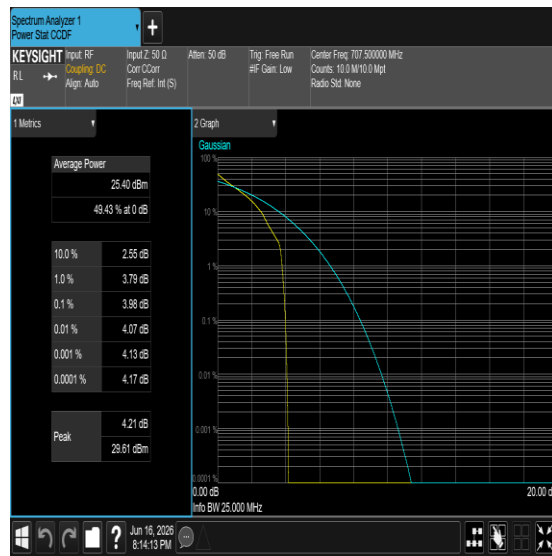
Band12-3MHz-QPSK-23025-1RB#0-PASS



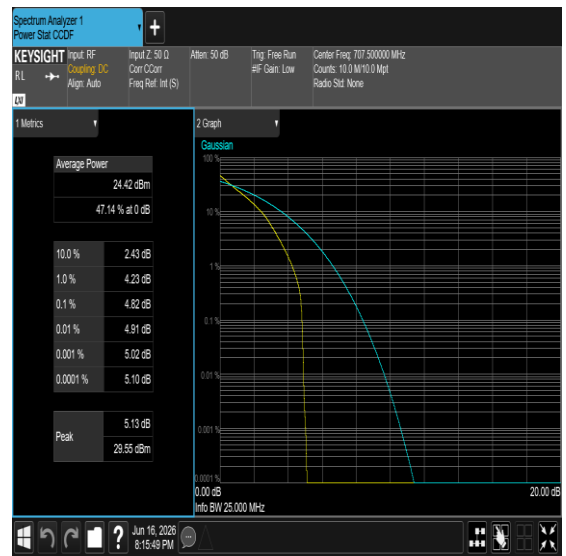
Band12-3MHz-QPSK-23025-15RB#0-PASS



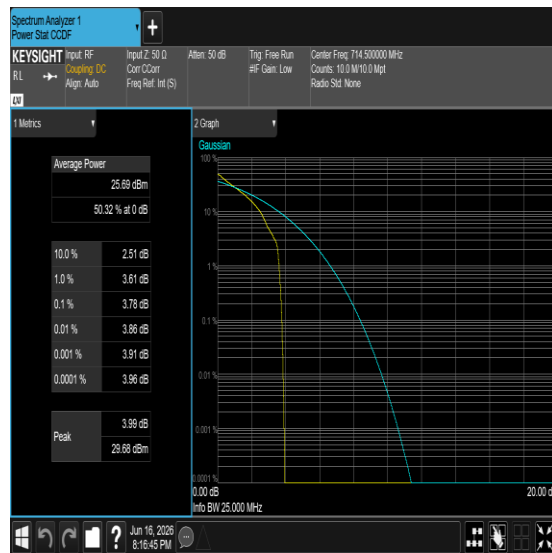
Band12-3MHz-QPSK-23095-1RB#0-PASS



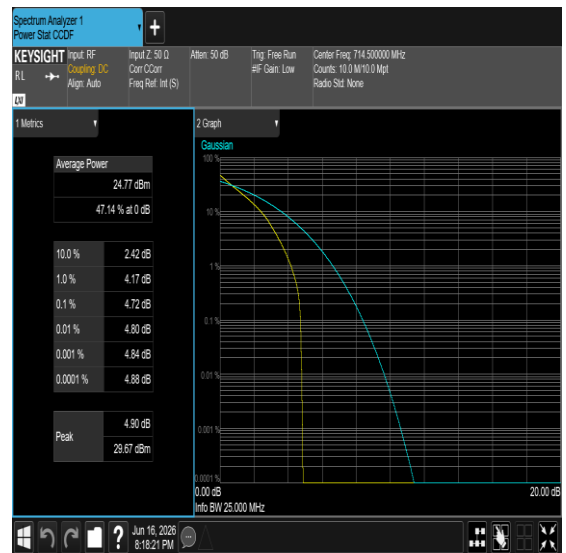
Band12-3MHz-QPSK-23095-15RB#0-PASS



Band12-3MHz-QPSK-23165-1RB#0-PASS

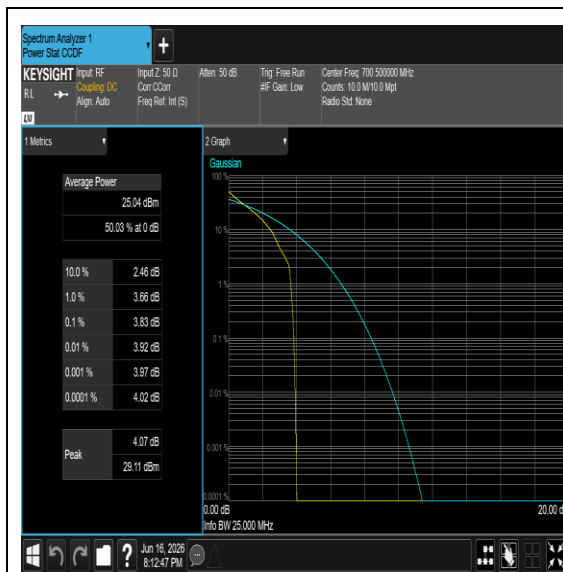


Band12-3MHz-QPSK-23165-15RB#0-PASS



Band12-3MHz-64QAM-23025-1RB#0-PASS

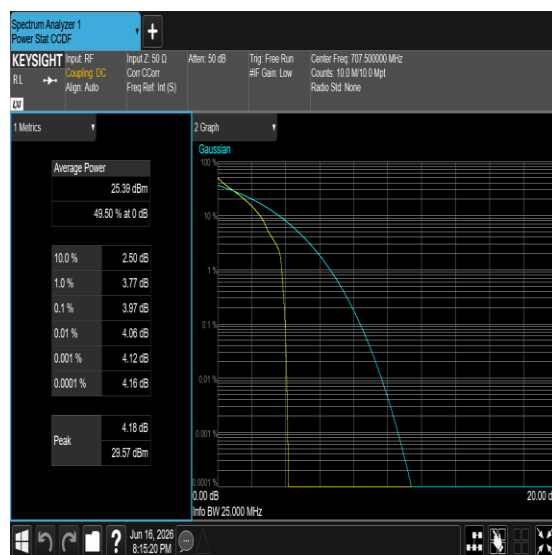
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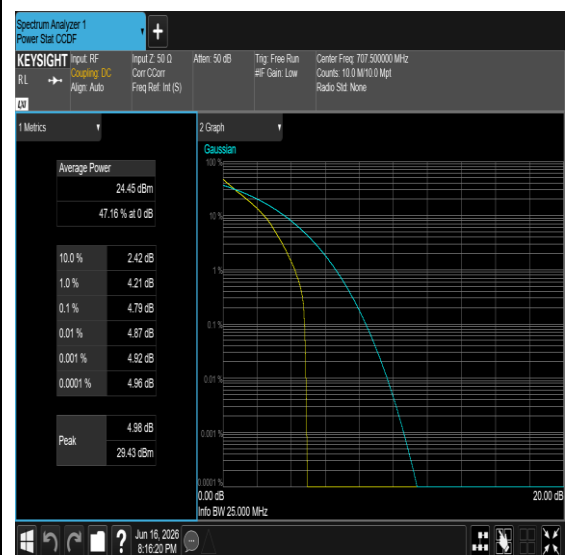
Band12-3MHz-64QAM-23095-1RB#0-PASS



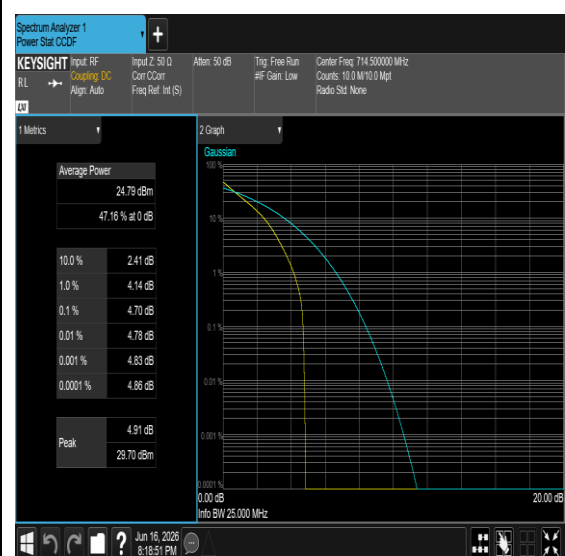
Band12-3MHz-64QAM-23095-15RB#0-PASS



Band12-3MHz-64QAM-23165-1RB#0-PASS



Band12-3MHz-64QAM-23165-15RB#0-PASS



Band 12-MHz-16QAM-23025-1RB#0-PASS

Spectrum Analyzer 1
Power Stat CODF

KEYSIGHT Input RF Input Z 50 Ω Att 50 dB Trig Free Run Center Freq 700.500000 MHz
 R/L → Display DC Corr Coor #F Gain Low Counts 10.0 M101 Npt
 Align Auto Freq Ref Int (S) Radio Std None

1 Metrics

Average Power

24.24 dBm

45.92 % at 0 dB

10.0 % 2.82 dB

1.0 % 4.58 dB

0.1 % 4.73 dB

0.01 % 4.80 dB

0.001 % 4.85 dB

0.0001 % 4.88 dB

Peak

4.93 dB

29.17 dBm

2 Graph

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

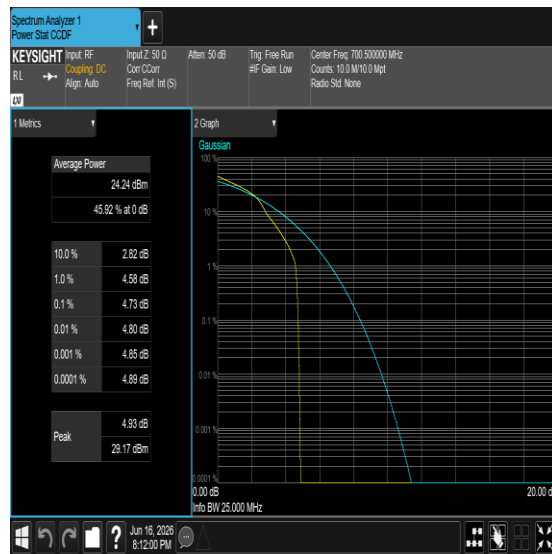
0.0001 %

0.001 dB

20.00 MHz

Info BW 25.000 MHz

Jun 16, 2026
8:12:00 PM



Band12-3MHz-16QAM-23025-15RB#0-PASS

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF Input Z: 50 Ω Att: 50 dB Trig: Free Run Center Freq: 700.500000 MHz
RL $\rightarrow$ Coupling DC Corr: Corr Freq Ref: 1st (S) #F Gain: Low Counts: 10.0 MW/0.0 Mpt
Align: Auto Radio Std: None

1 Metrics

Average Power	
23.17 dBm	
44.53 % at 0 dB	
10.0 %	2.88 dB
1.0 %	4.87 dB
0.1 %	5.78 dB
0.01 %	5.89 dB
0.001 %	5.95 dB
0.0001 %	5.99 dB
Peak	
6.07 dB	
29.24 dBm	

2 Graph

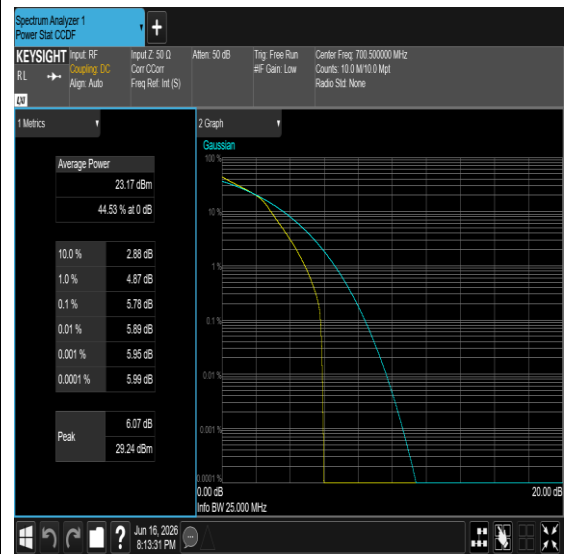
Gaussian

100%
10%
1%
0.1%
0.01%
0.001%
0.0001%
0.00001%

0.00 dB 20.00 MHz

Info BW 25.000 MHz

Jun 16, 2026
8:13:31 PM



Band12-3MHz-16QAM-23095-1RB#0-PASS

Spectrum Analyzer 1
Power Stat CCDF

KEYSIGHT Input RF: 2.50 GHz
Output DC: 2.50 GHz
Align: Auto
Freq Ref: Int (S)

Att: 50 dB
Tig: Free Run
RF Gen: Low

Center Freq: 707.500000 MHz
Span: 10.0 MHz/0.0 Mpt
Radio Std: None

1 Metrics

Average Power

24.55 dBm

45.38 % at 0 dB

10.0 % 2.85 dB

1.0 % 4.73 dB

0.1 % 4.91 dB

0.01 % 5.00 dB

0.001 % 5.05 dB

0.0001 % 5.09 dB

Peak

5.12 dB

26.67 dBm

2 Graph

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

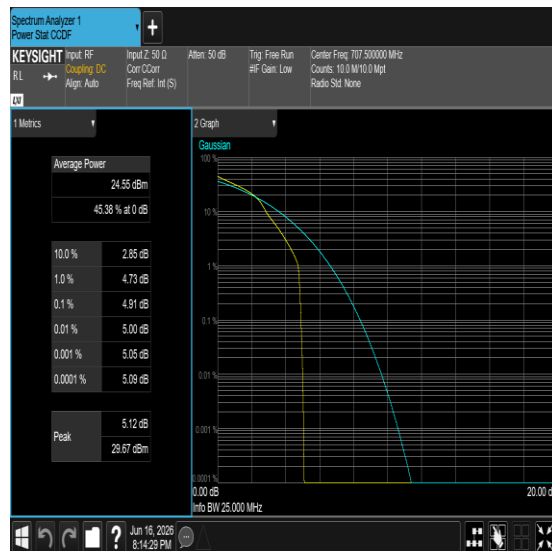
0.0001 %

0.00 dB

20.00 dB

Info BW 25.000 MHz

Jun 16, 2026
8:14:29 PM



Band12-3MHz-16QAM-23095-15RB#0-PASS

Spectrum Analyzer 1
Power Stat OCDF

KEYSIGHT Input RF: Input Z: 50 Ohm Attenu: 50 dB Trig: Free Run #F: Gain: Low Center Freq: 20.000000 MHz Counts: 10.0 MHz/0.0 Mpt Radio Std: None

RL → → Coor: DC Align: Auto Freq Ref: Int (S)

1 Metrics

Average Power

23.45 dBm
44.46 % at 0 dB
10.0 % 2.88 dB
1.0 % 4.84 dB
0.1 % 5.73 dB
0.01 % 5.85 dB
0.001 % 5.92 dB
0.0001 % 6.01 dB
Peak 6.09 dB
28.55 dBm

2 Graph

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

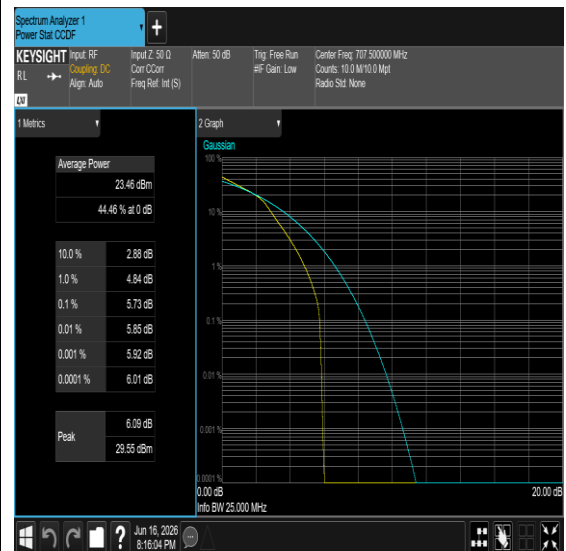
0.0001 %

20.00 dB

20.01 MHz

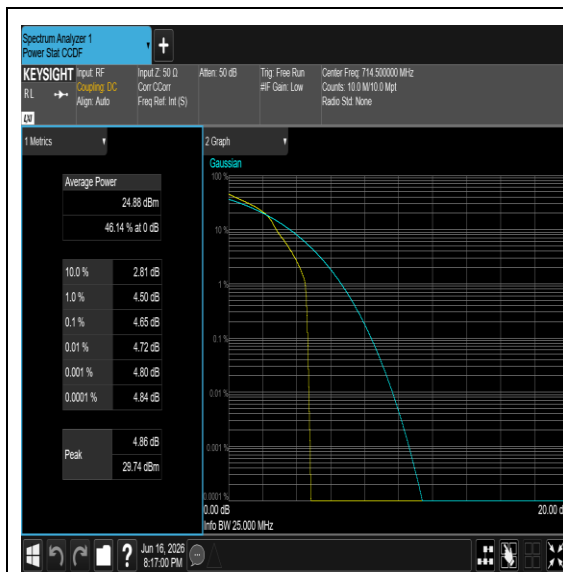
into BW 25.000 MHz

Jun 16, 2026 8:16:04 PM



Band12-3MHz-16QAM-23165-1RB#0-PASS

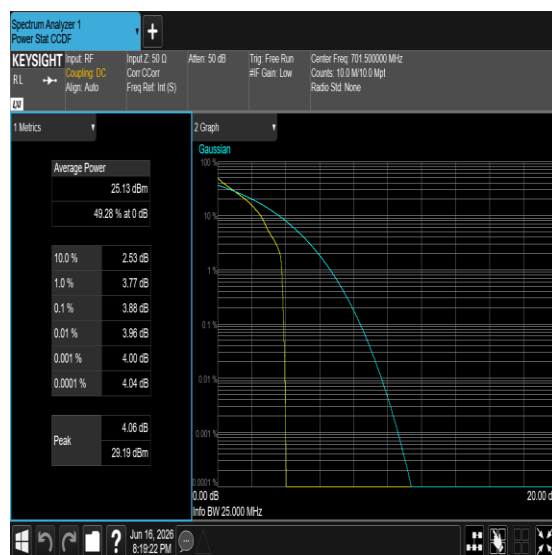
Band12-3MHz-16QAM-23165-15RB#0-PASS



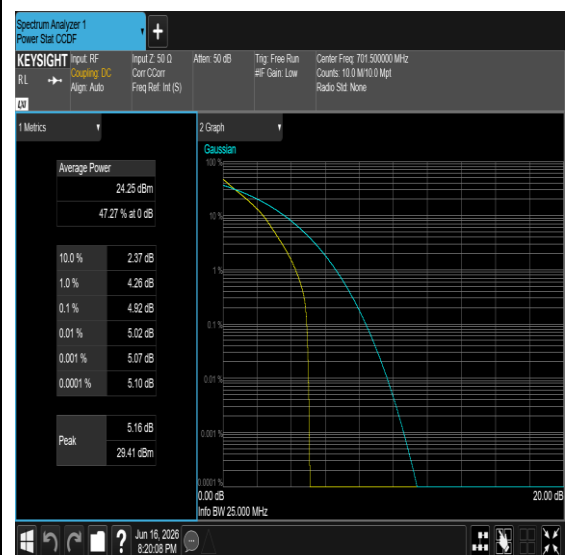
Band12-5MHz-QPSK-23035-1RB#0-PASS



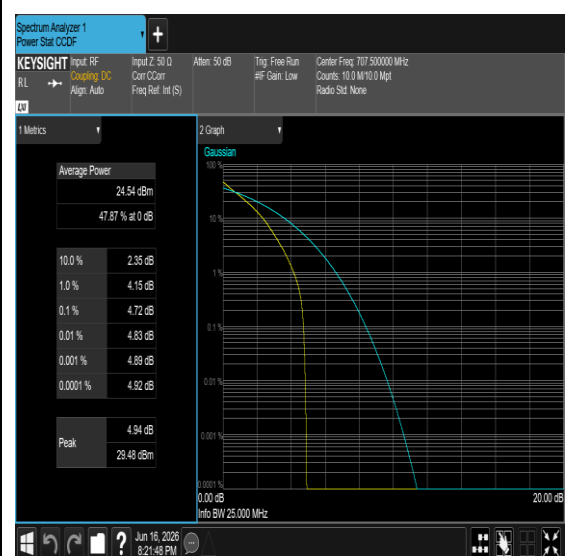
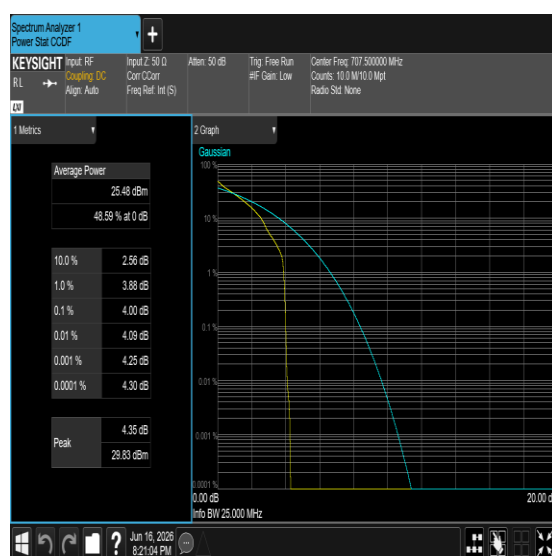
Band12-5MHz-QPSK-23035-25RB#0-PASS



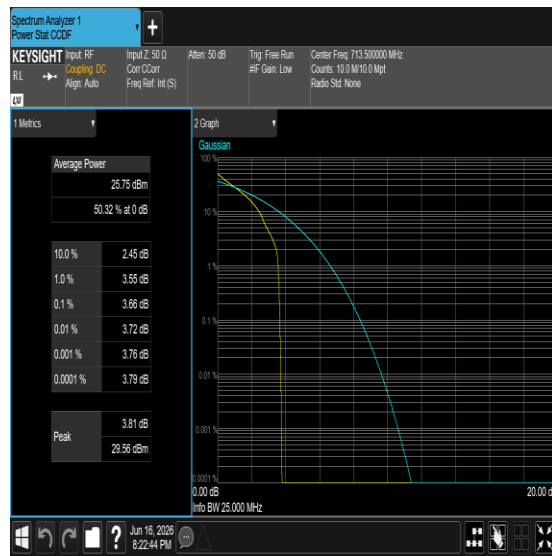
Band12-5MHz-QPSK-23095-1RB#0-PASS



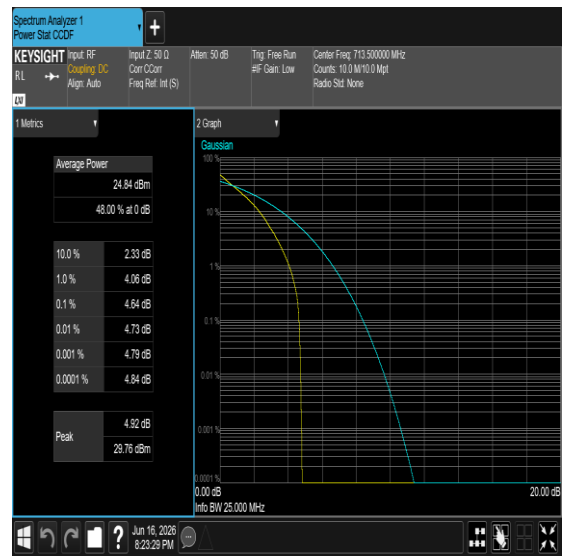
Band12-5MHz-QPSK-23095-25RB#0-PASS



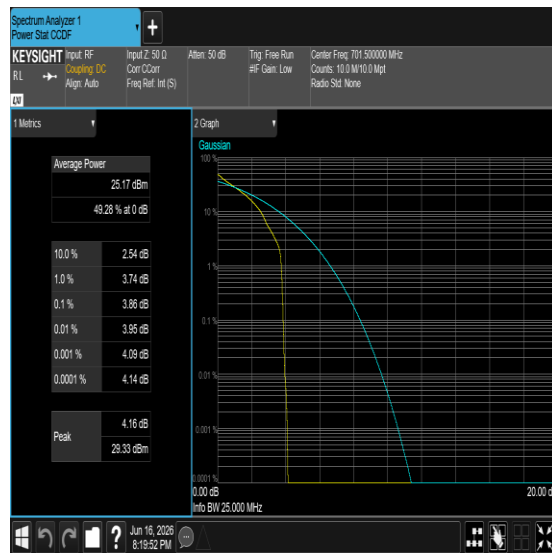
Band12-5MHz-QPSK-23155-1RB#0-PASS



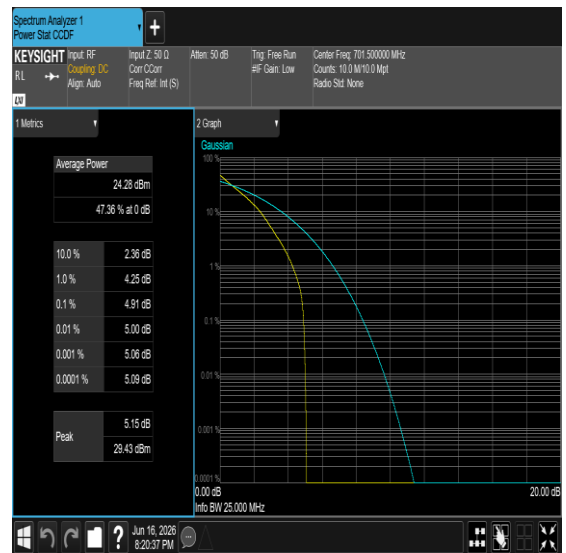
Band12-5MHz-QPSK-23155-25RB#0-PASS



Band12-5MHz-64QAM-23035-1RB#0-PASS

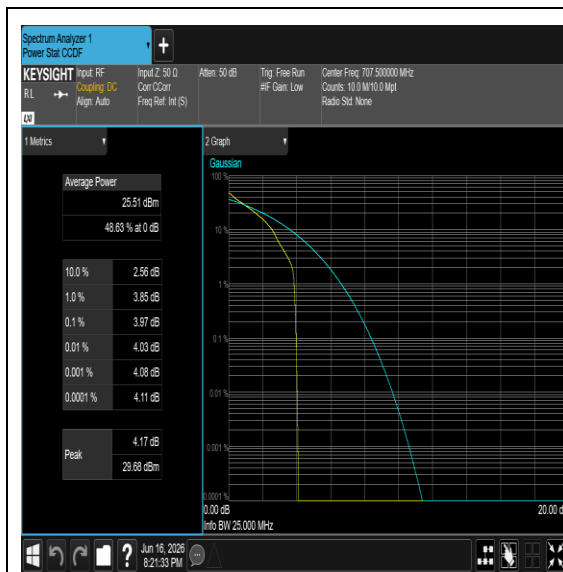


Band12-5MHz-64QAM-23035-25RB#0-PASS



Band12-5MHz-64QAM-23095-1RB#0-PASS

Band12-5MHz-64QAM-23095-25RB#0-PASS



Band12-5MHz-64QAM-23155-1RB#0-PASS



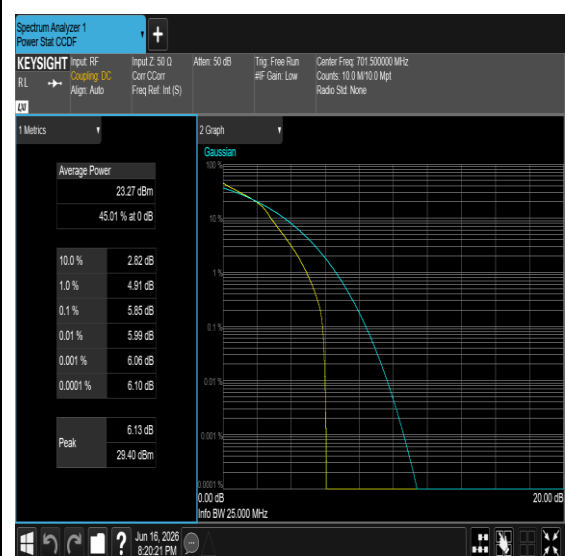
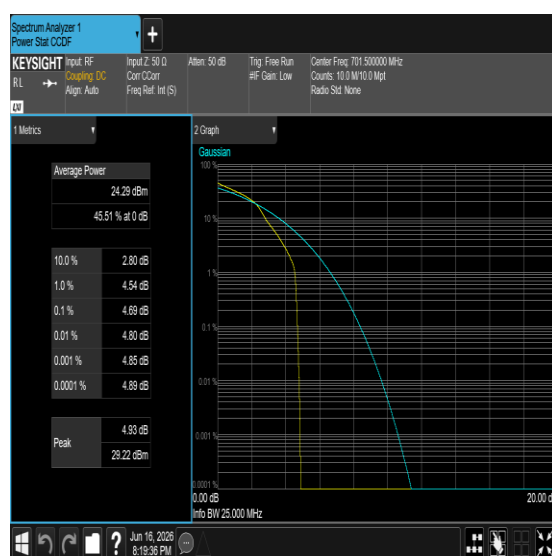
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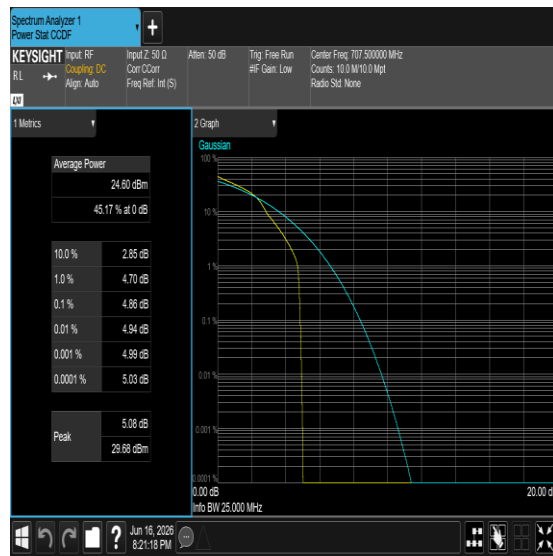
Band12-5MHz-16QAM-23035-1RB#0-PASS



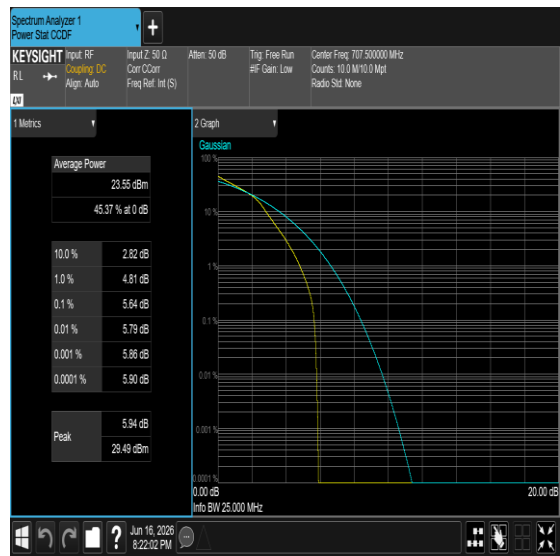
Band12-5MHz-16QAM-23035-25RB#0-PASS



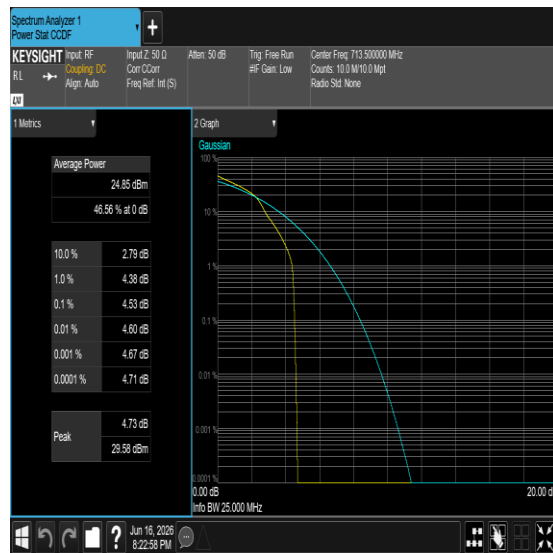
Band12-5MHz-16QAM-23095-1RB#0-PASS



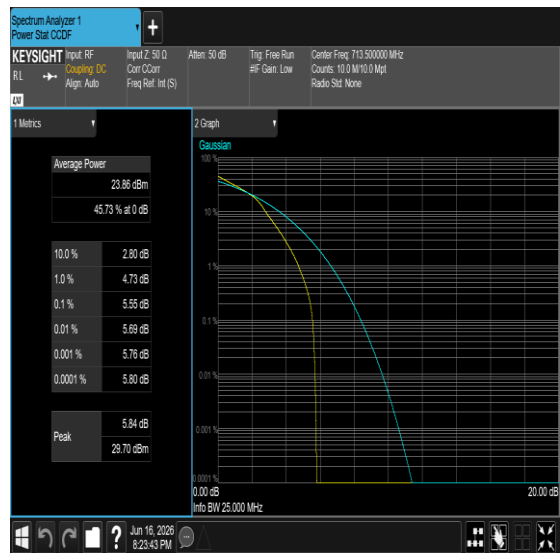
Band12-5MHz-16QAM-23095-25RB#0-PASS



Band12-5MHz-16QAM-23155-1RB#0-PASS



Band12-5MHz-16QAM-23155-25RB#0-PASS



Band12-10MHz-QPSK-23060-1RB#0-PASS



Band12-10MHz-QPSK-23060-50RB#0-PASS

