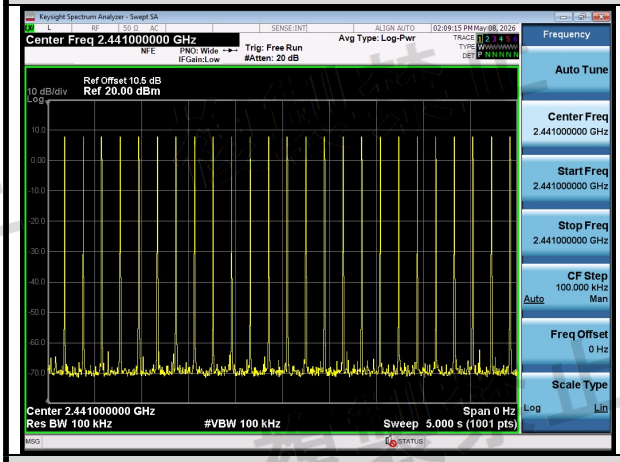
8-DPSK

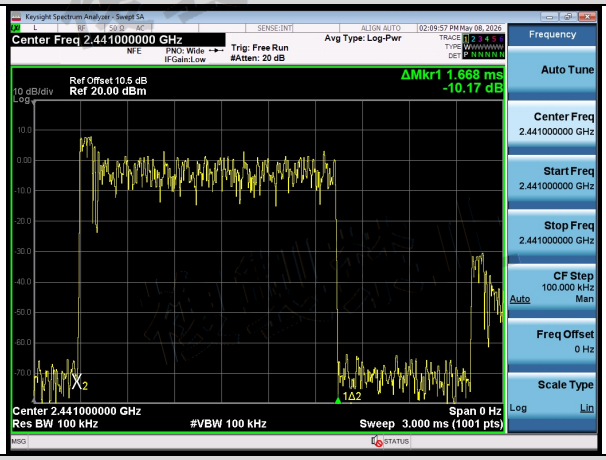
3-DH1



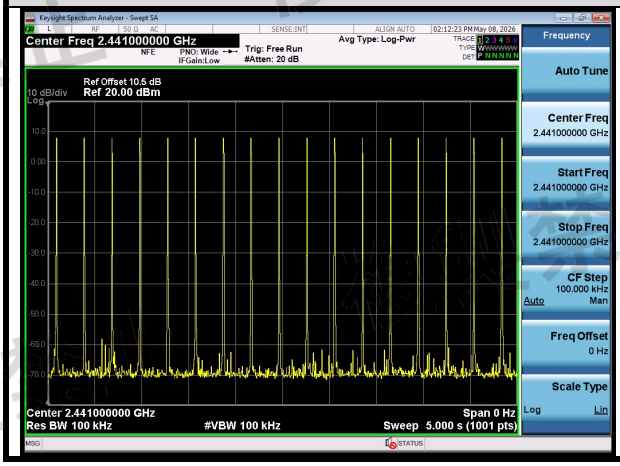


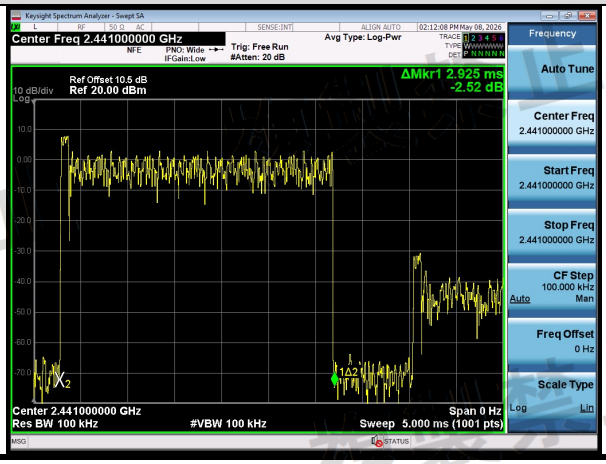
3-DH3





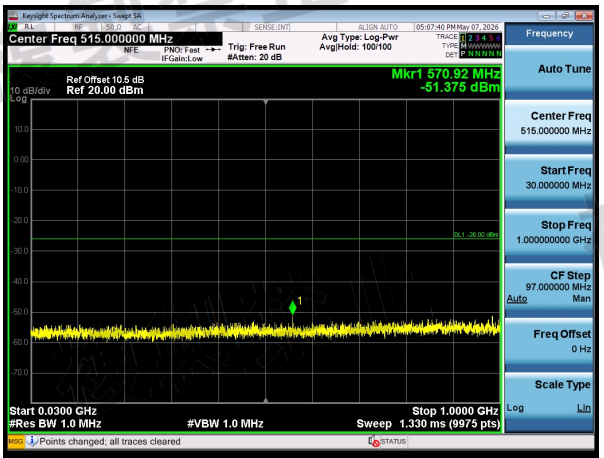
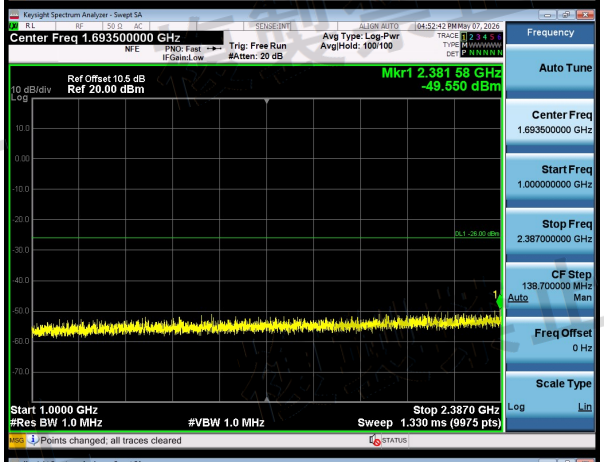
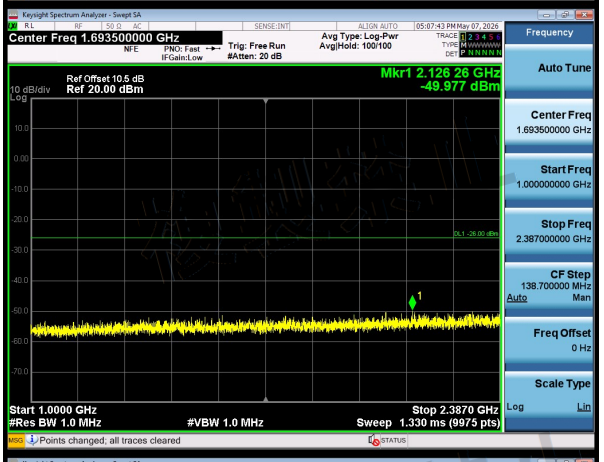
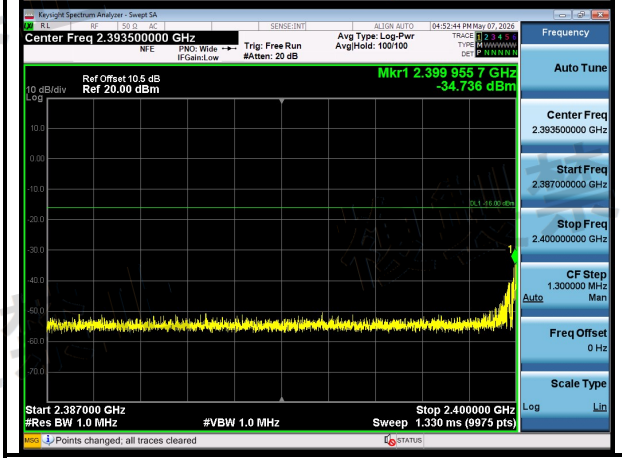
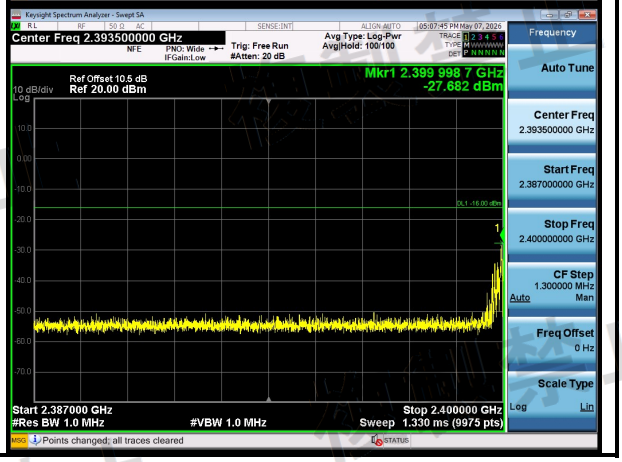
3-DH5

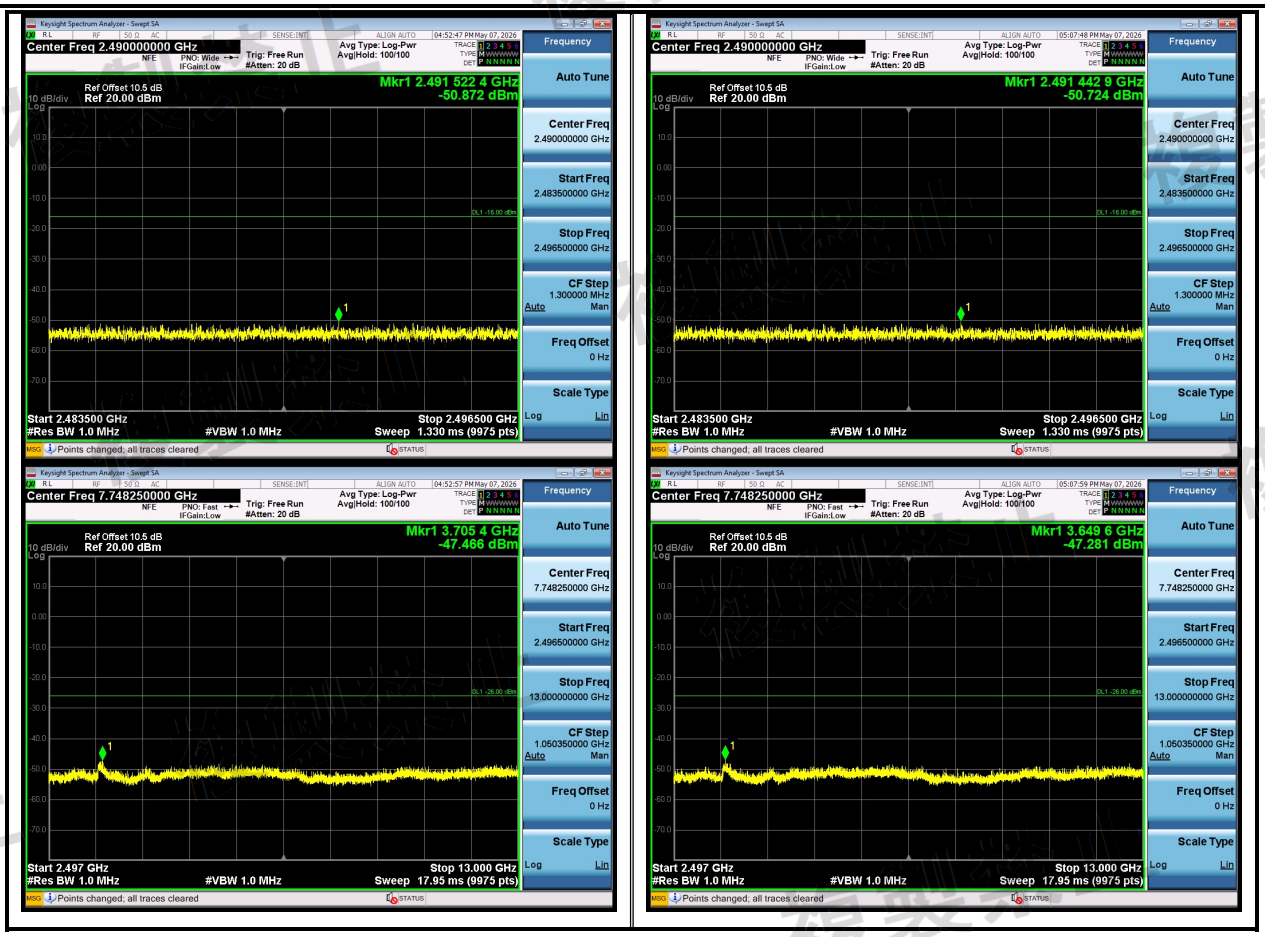


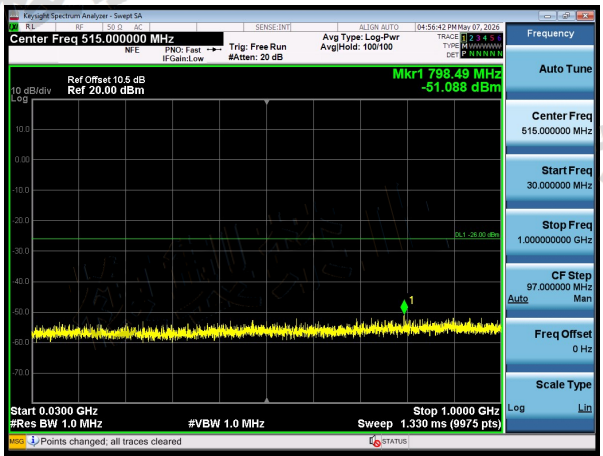
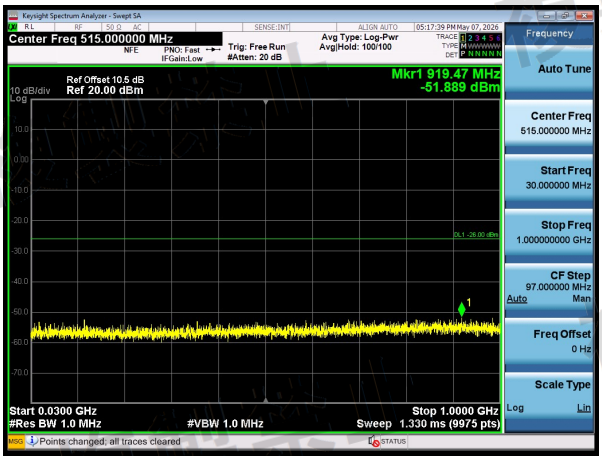
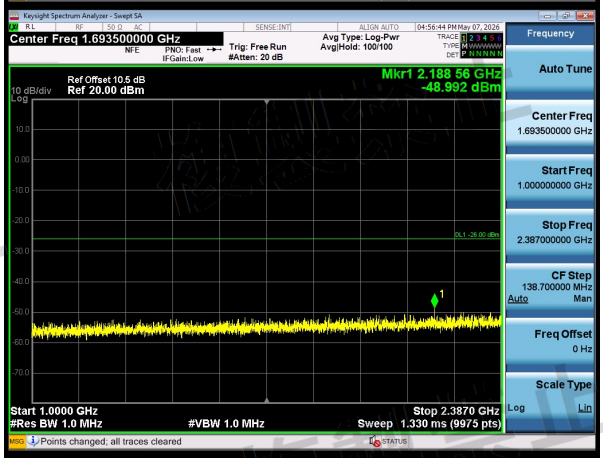
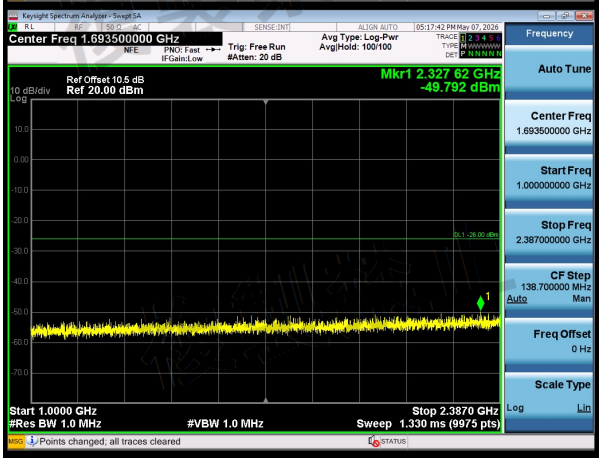
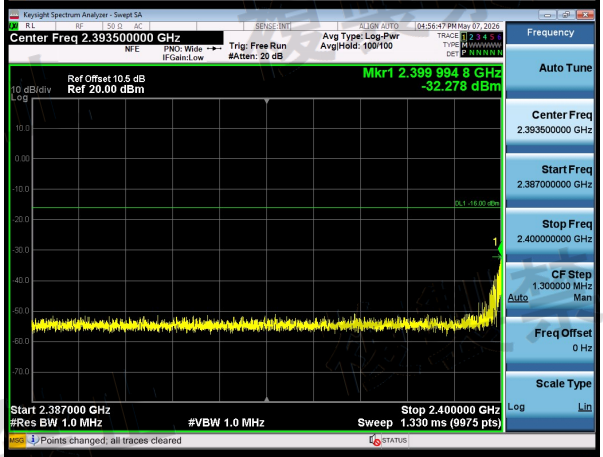
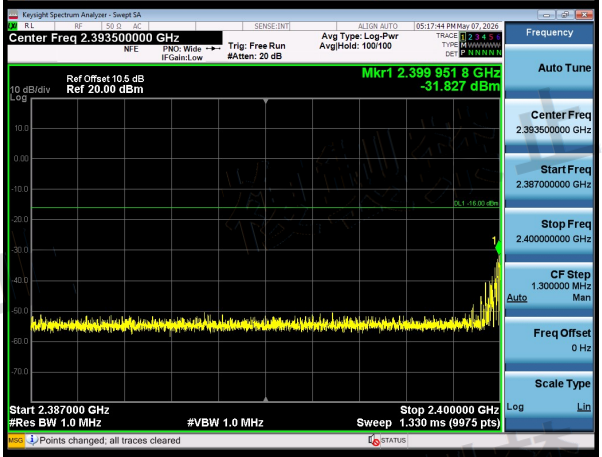
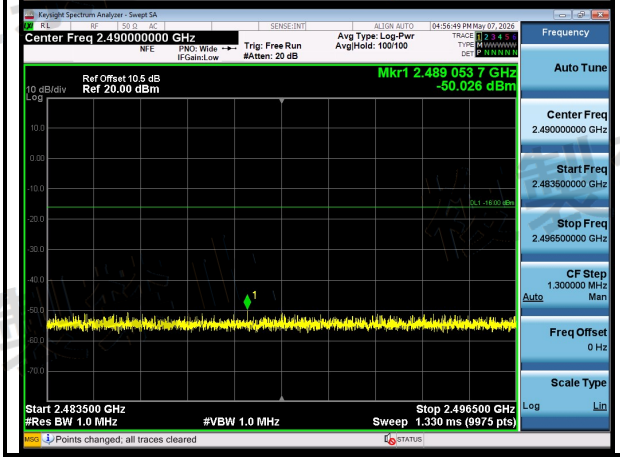
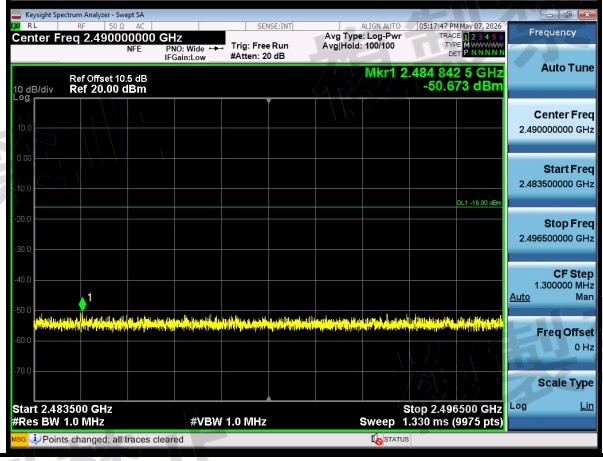


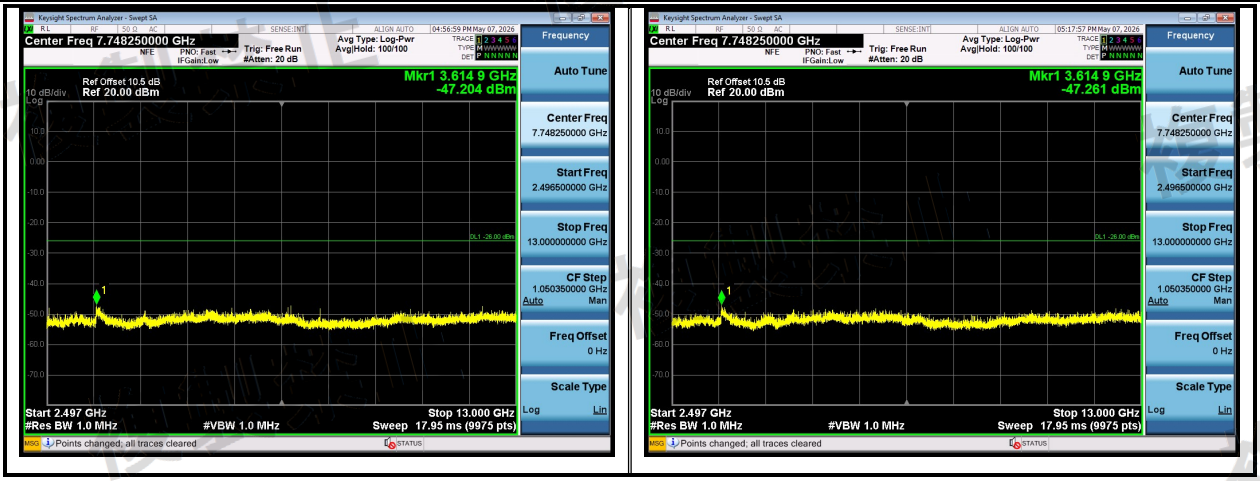
C.5 Transmitter Spurious Emissions (Conducted)

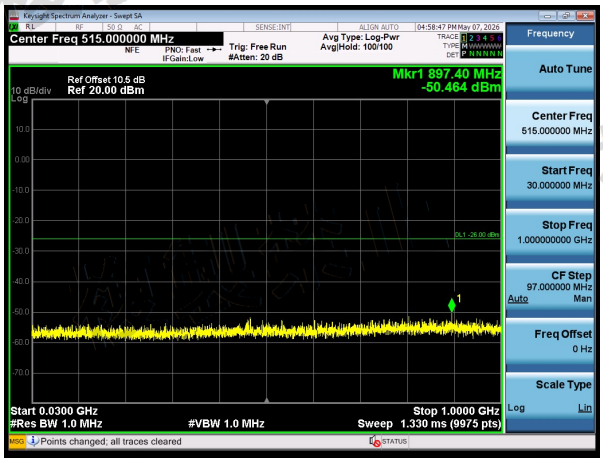
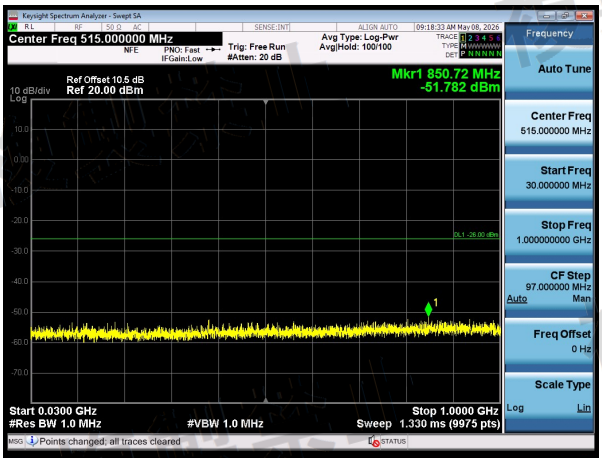
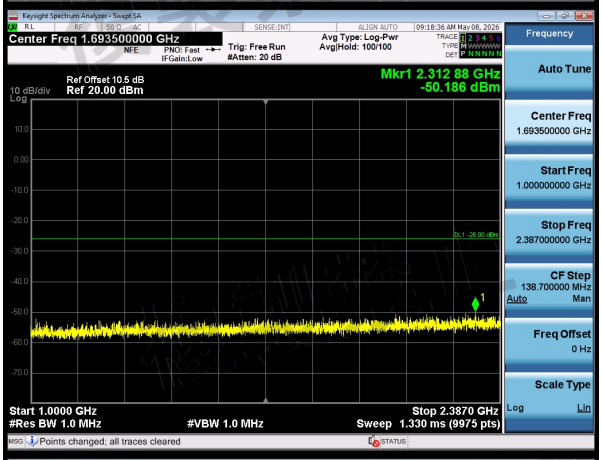
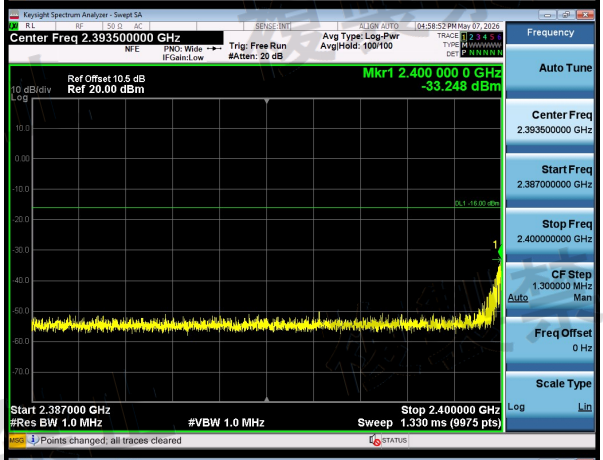
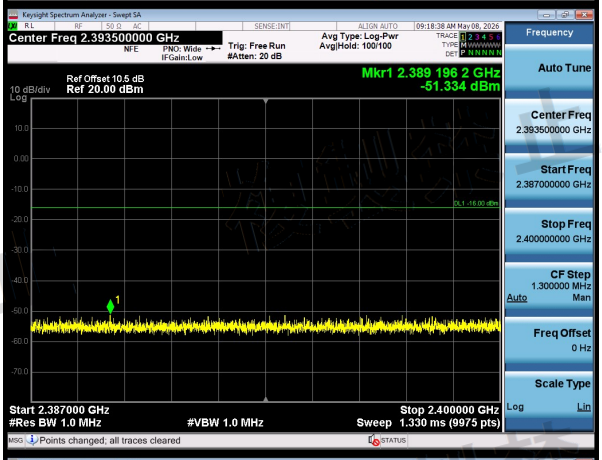
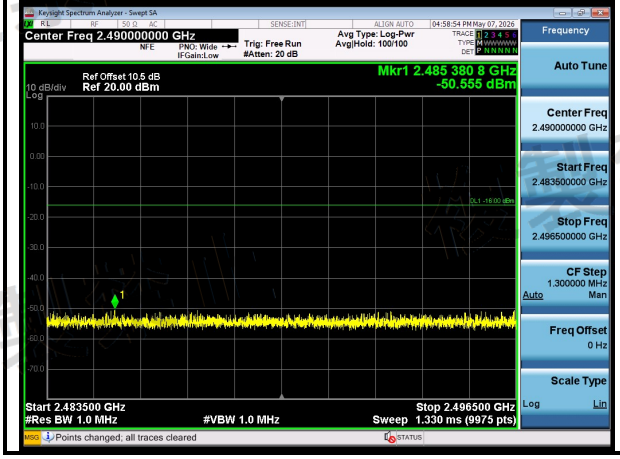
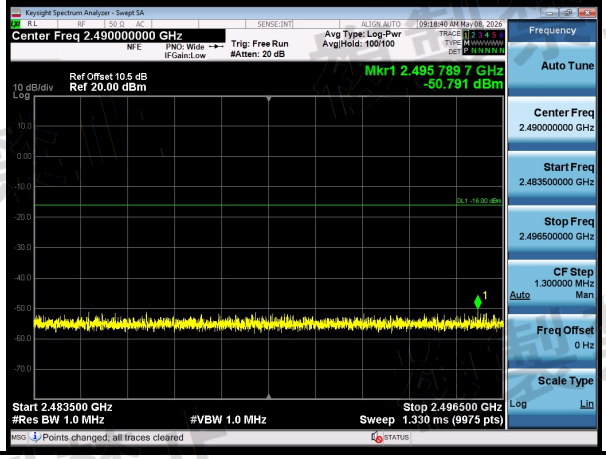
DC 3.47V

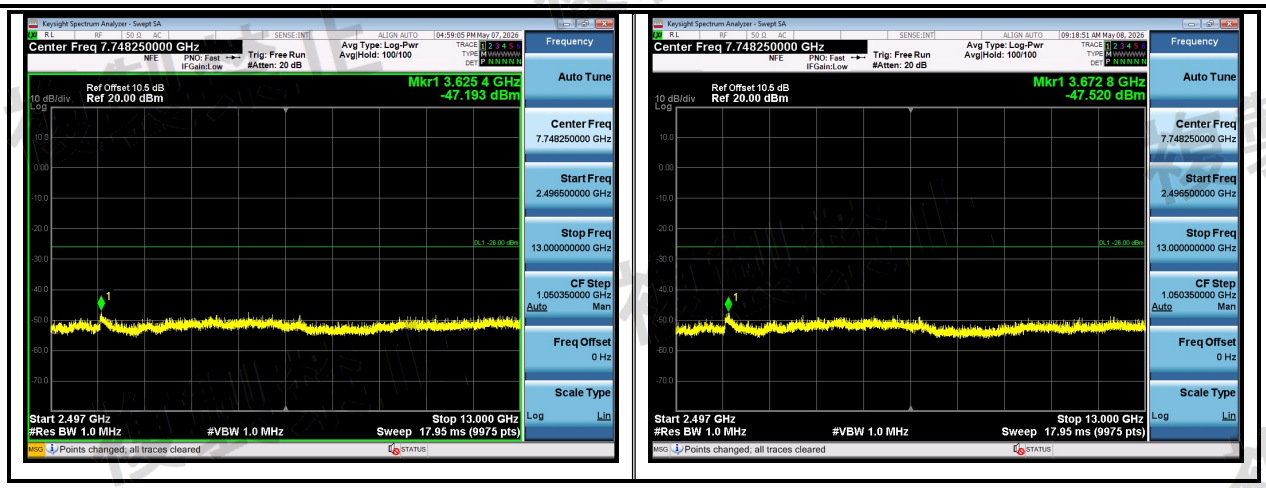
GFSK	8-DPSK
DH1	3DH1
	
	
	


Keysight Spectrum Analyzer - Swept SA
Center Freq 2.490000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
04:52:47 PM May 07, 2026
Frequency
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.491 522 4 GHz
-50.872 dBm
Auto Tune
Center Freq
2.490000000 GHz
Start Freq
2.483500000 GHz
Stop Freq
2.496500000 GHz
CF Step
1.300000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.483500 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 2.496500 GHz
Sweep 1.330 ms (9975 pts)
Points changed; all traces cleared
STATUS
Keysight Spectrum Analyzer - Swept SA
Center Freq 2.490000000 GHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
05:07:48 PM May 07, 2026
Frequency
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Mkr1 2.491 442 9 GHz
-50.724 dBm
Auto Tune
Center Freq
2.490000000 GHz
Start Freq
2.483500000 GHz
Stop Freq
2.496500000 GHz
CF Step
1.300000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.483500 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 2.496500 GHz
Sweep 1.330 ms (9975 pts)
Points changed; all traces cleared
STATUS
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
04:52:57 PM May 07, 2026
Frequency
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Mkr1 3.705 4 GHz
-47.466 dBm
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
STATUS
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
05:07:59 PM May 07, 2026
Frequency
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Mkr1 3.649 6 GHz
-47.281 dBm
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
STATUS

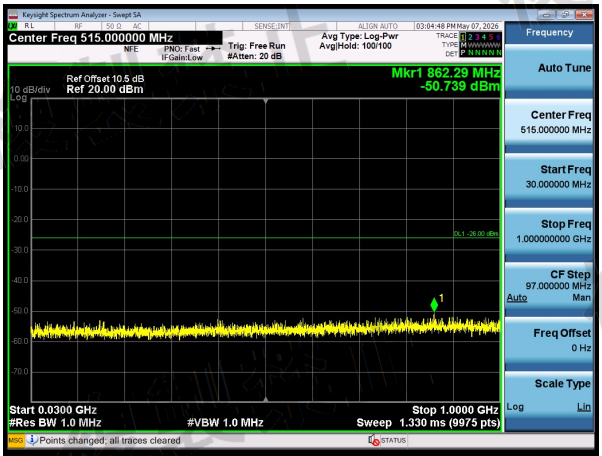
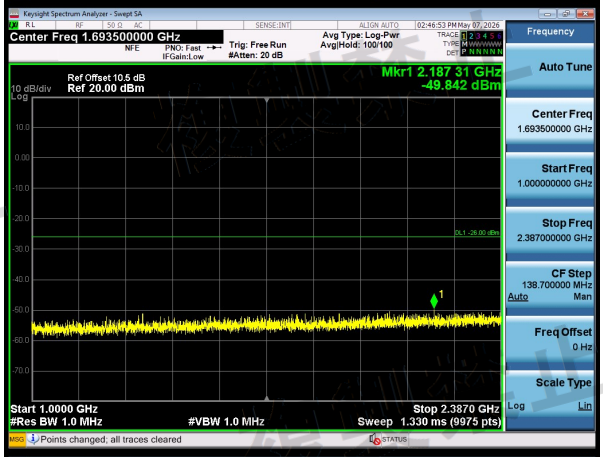
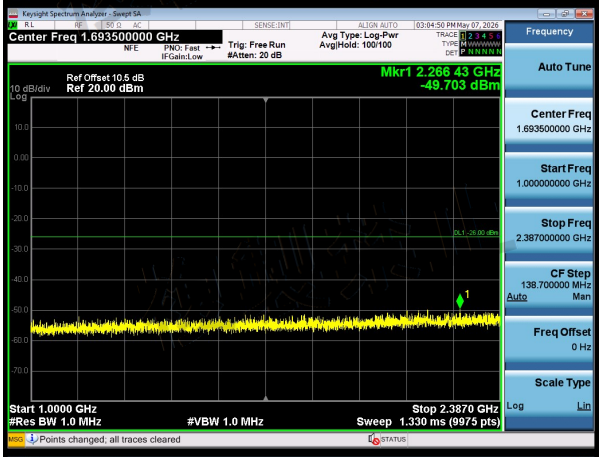
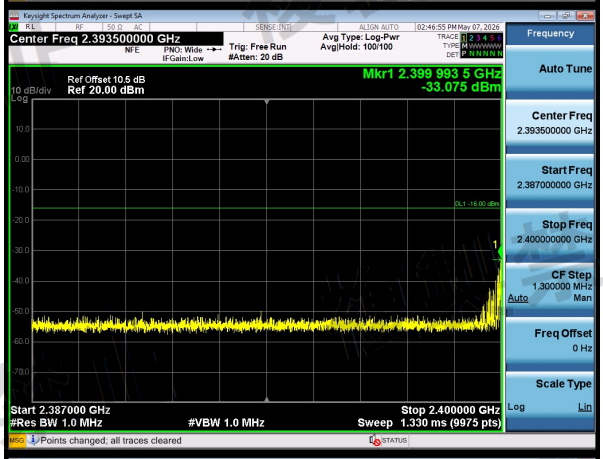
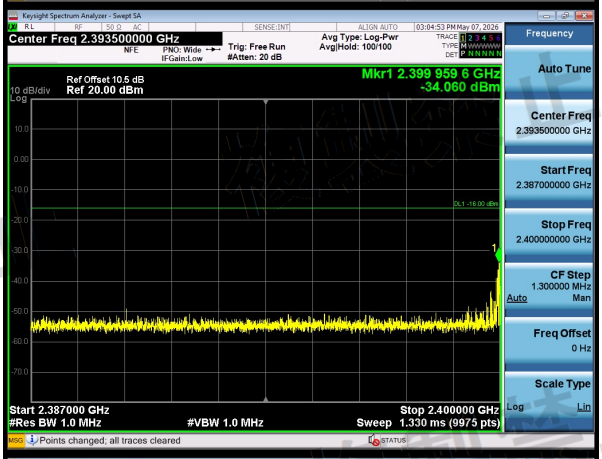
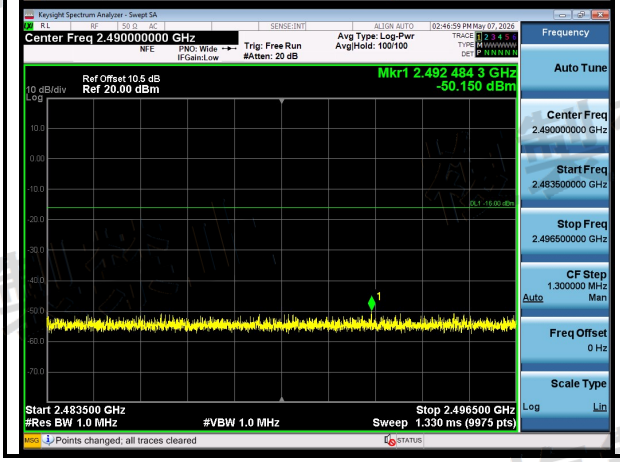
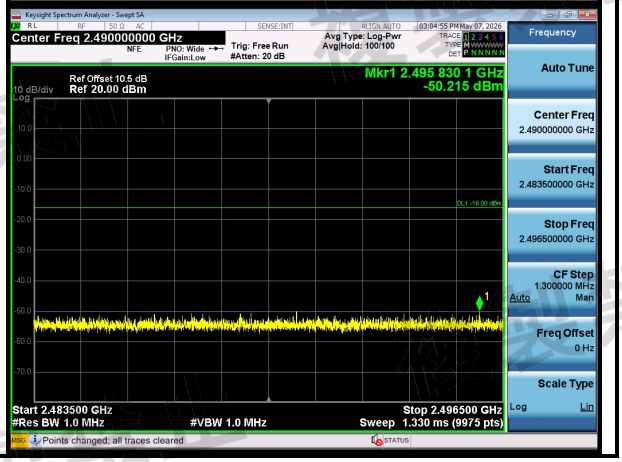
GFSK	8-DPSK
DH3	3DH3
	
	
	
	

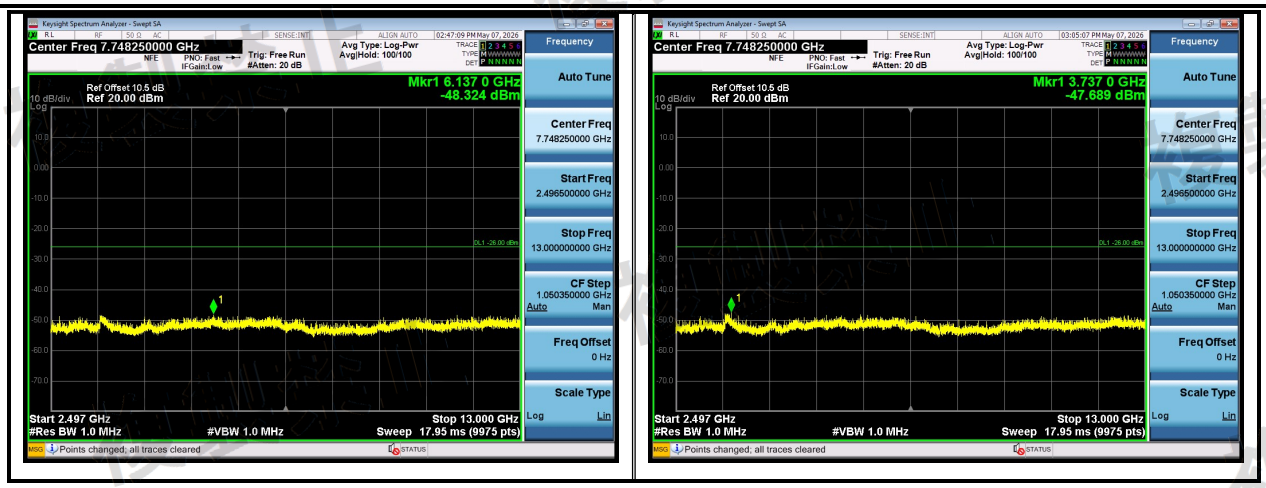

Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
04:56:59 PM May 07, 2026
Frequency
Auto Tune
Mkr1 3.614 9 GHz
-47.204 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
05:17:57 PM May 07, 2026
Frequency
Auto Tune
Mkr1 3.614 9 GHz
-47.261 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared

GFSK	8-DPSK
DH5	3DH5
	
	
	
	

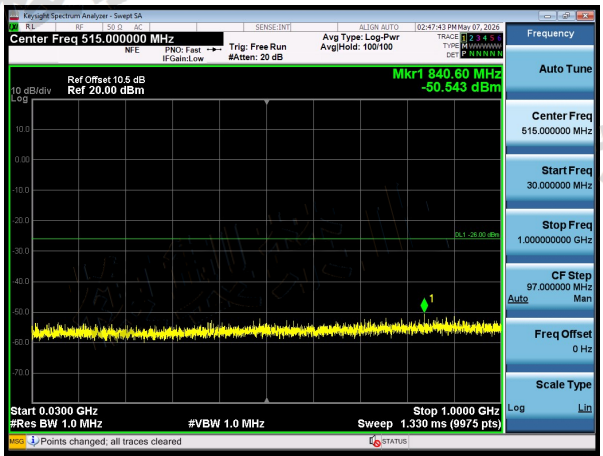

Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
04:59:05 PM May 07, 2026
Frequency
Auto Tune
Mkr1 3.625 4 GHz
-47.193 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
09:18:51 AM May 08, 2026
Frequency
Auto Tune
Mkr1 3.672 8 GHz
-47.520 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared

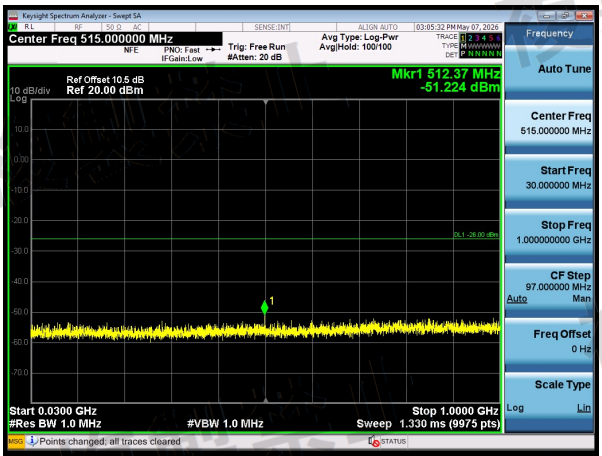
DC 3.85V

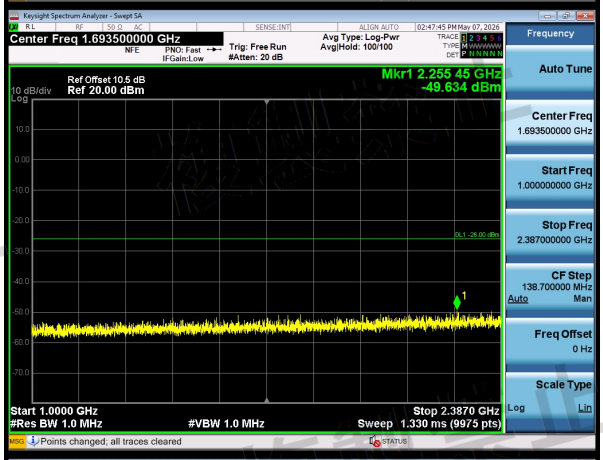
GFSK	8-DPSK
DH1	3DH1
	
	
	
	

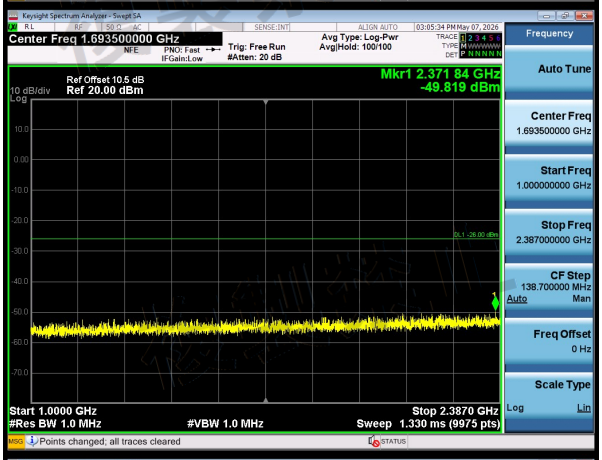

Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
02:47:09 PM May 07, 2026
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 6.137 0 GHz
-48.324 dBm
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
03:05:07 PM May 07, 2026
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 3.737 0 GHz
-47.689 dBm
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

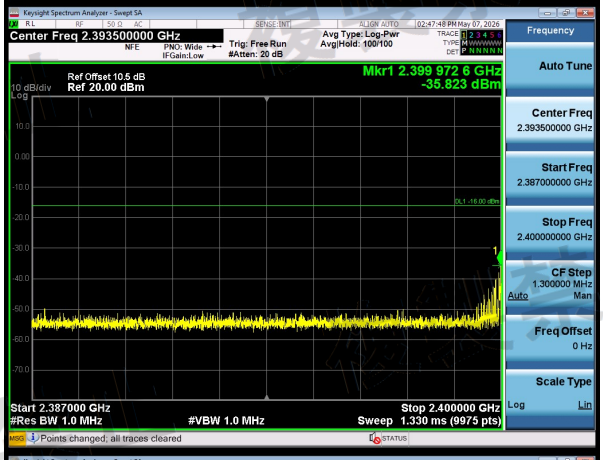
GFSK	8-DPSK
DH3	3DH3

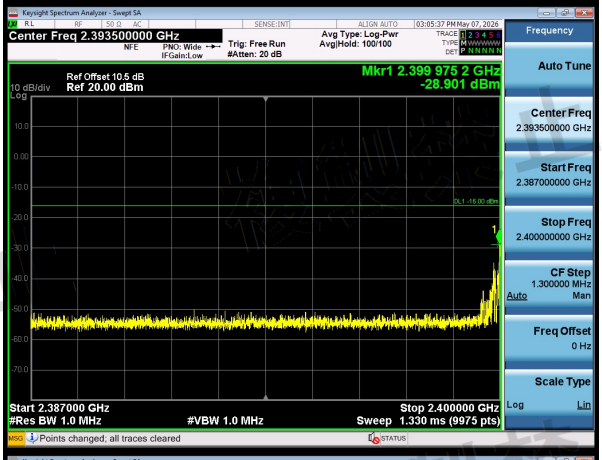


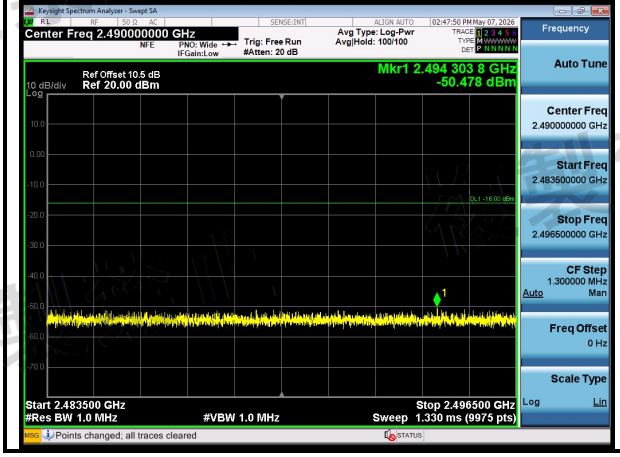


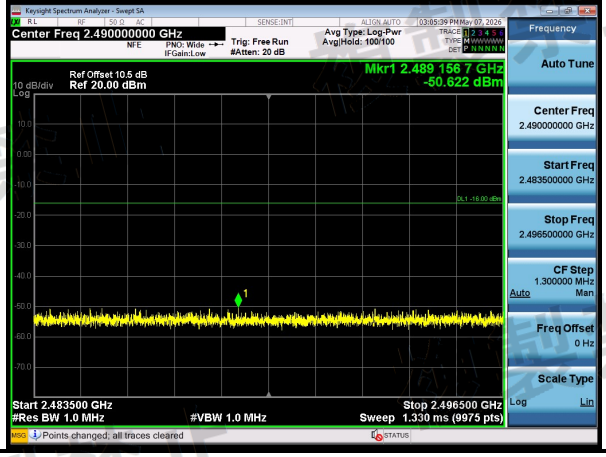


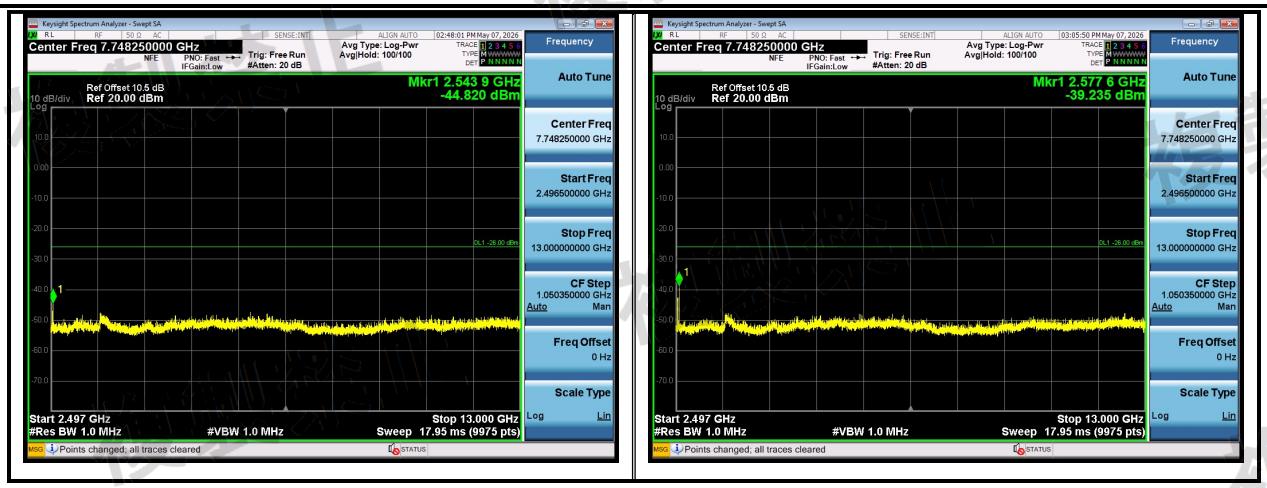


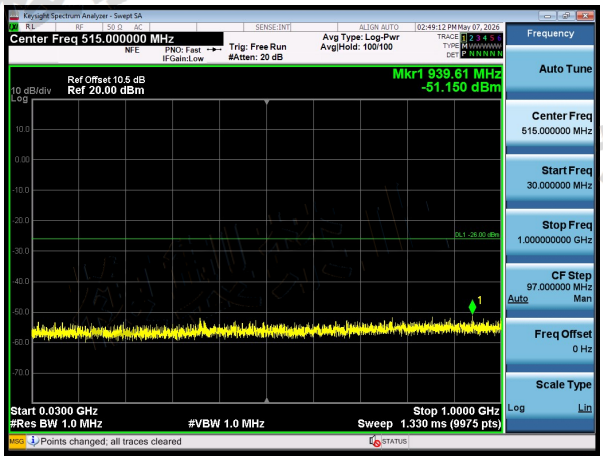
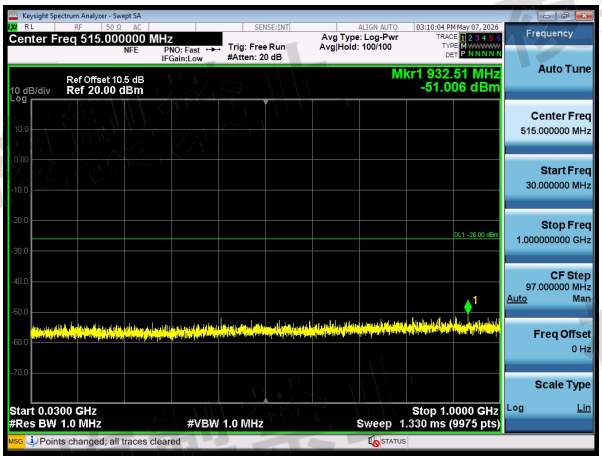
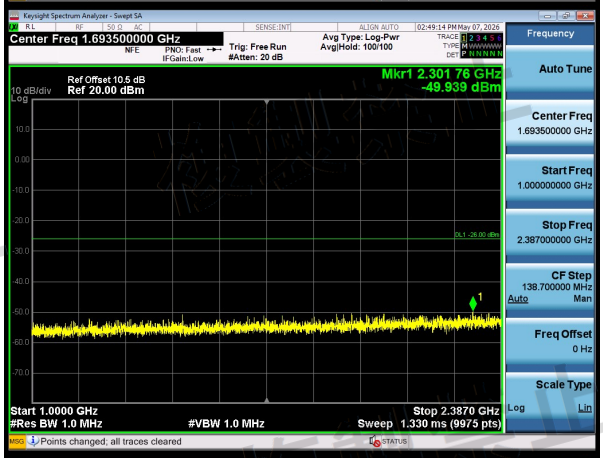
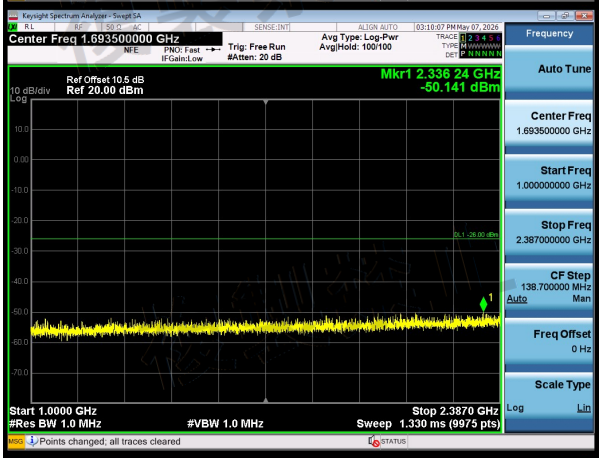
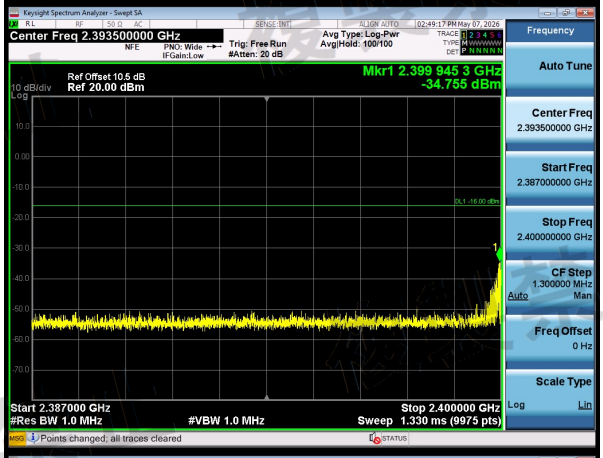
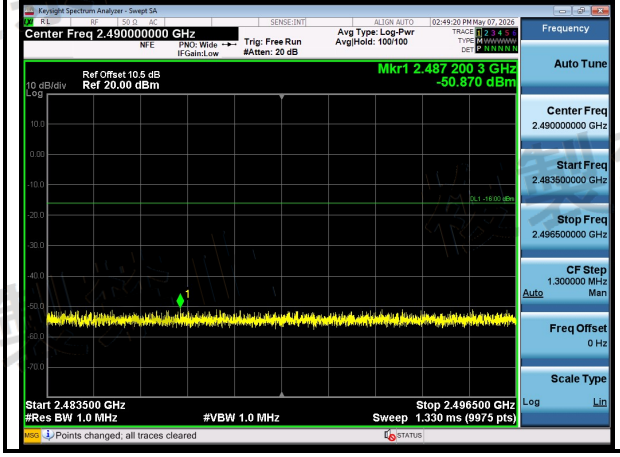
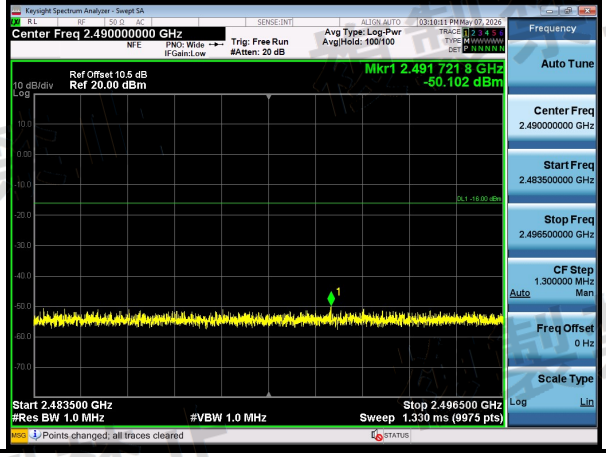


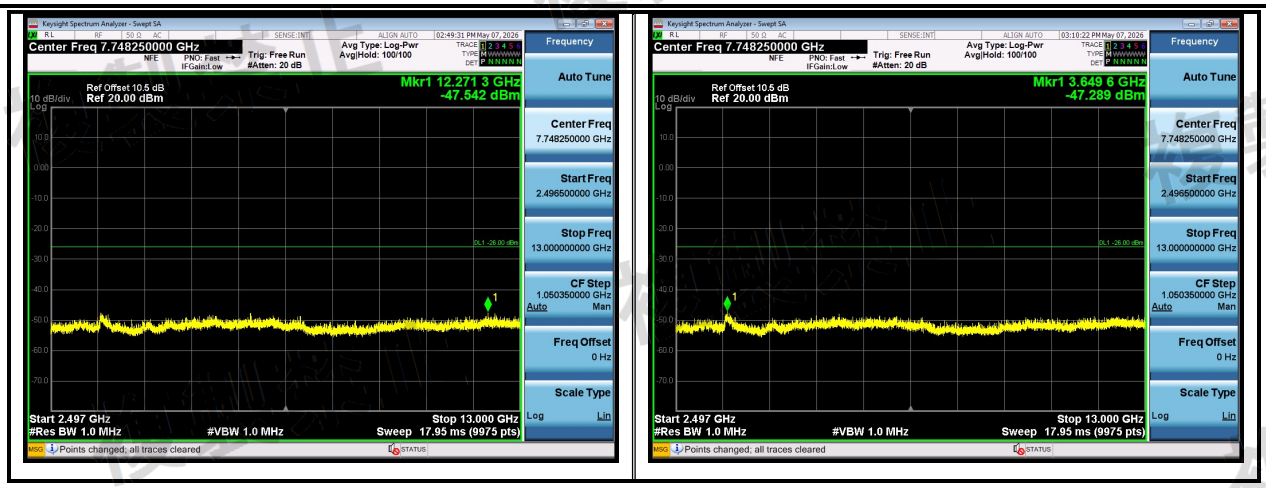




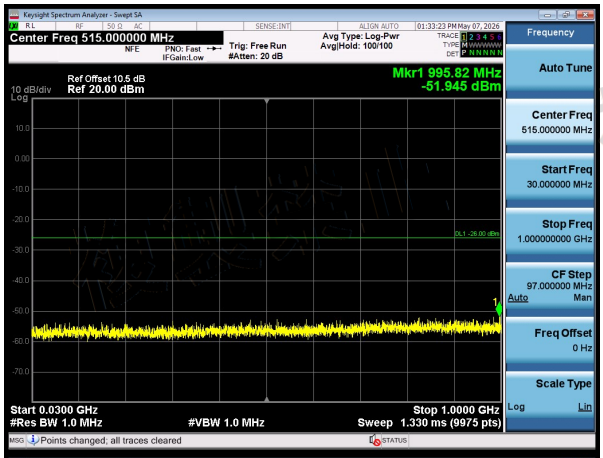
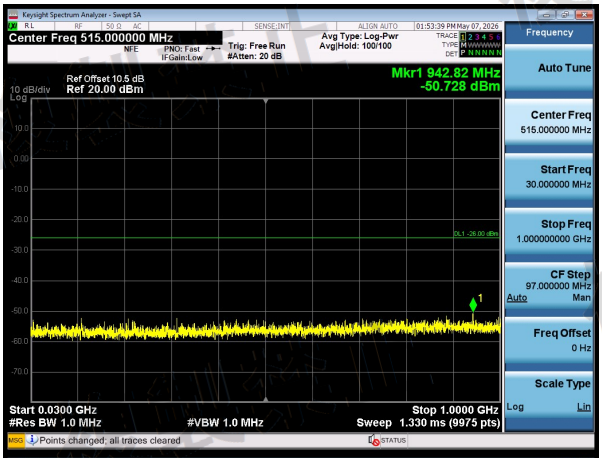
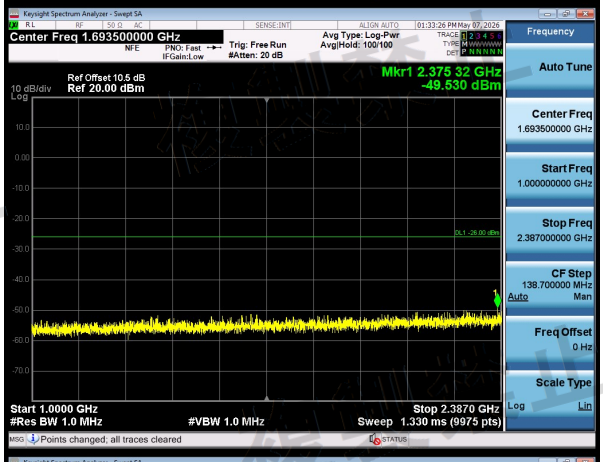
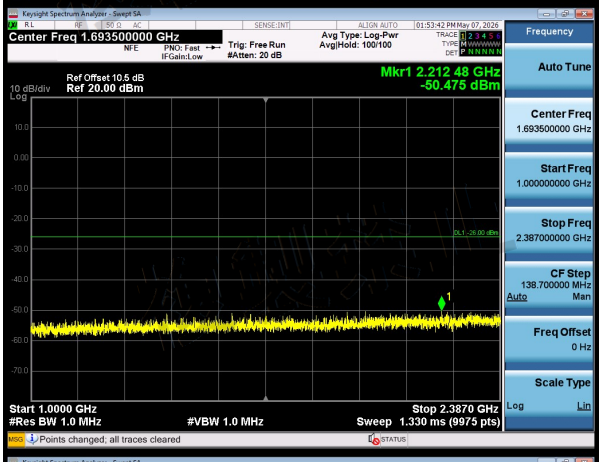
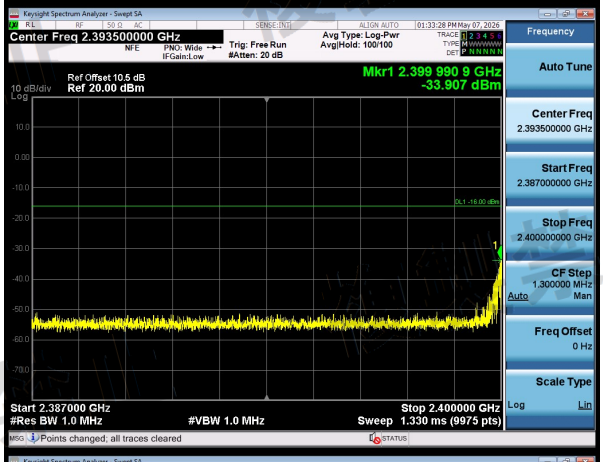
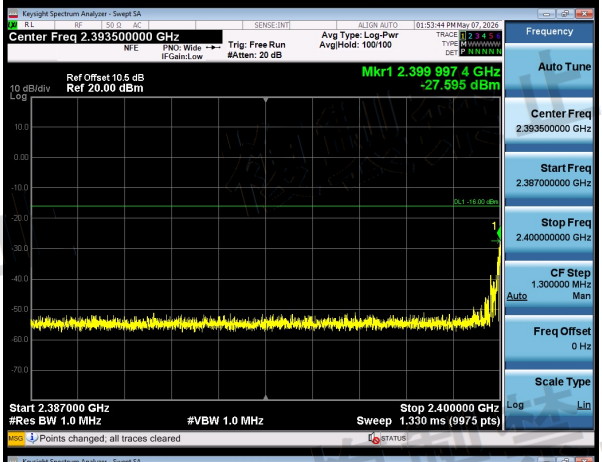
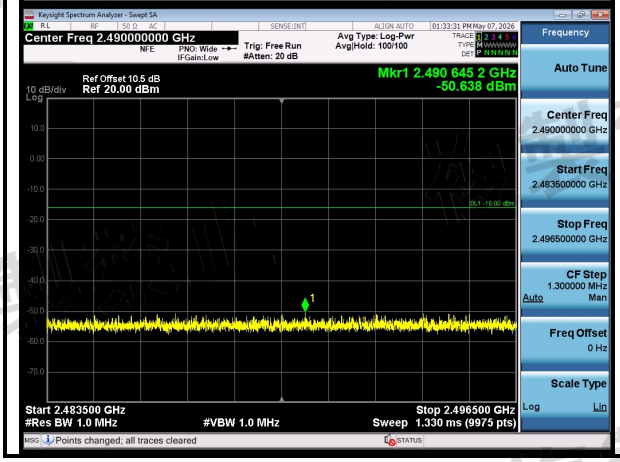
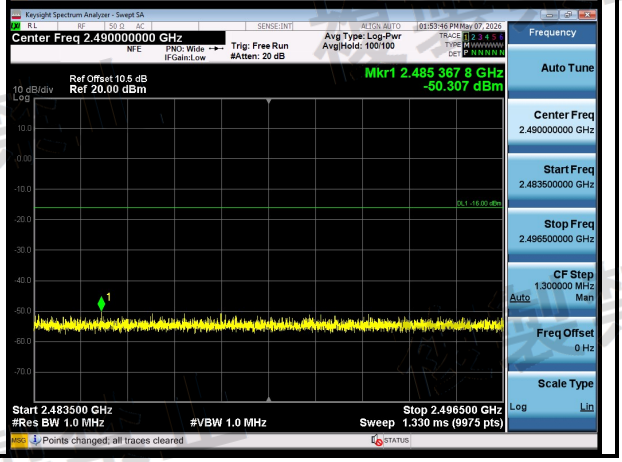


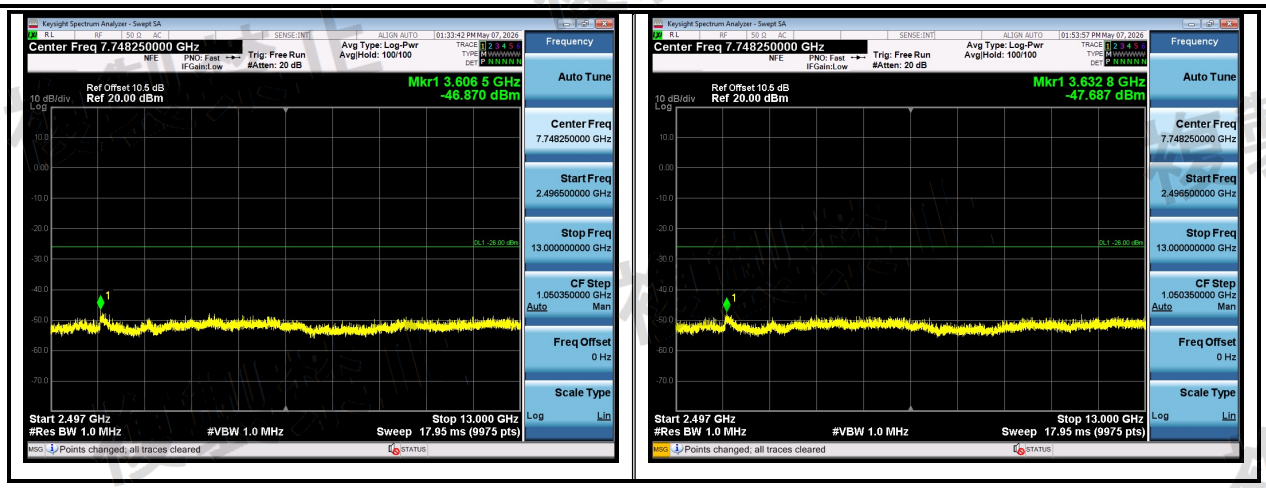

Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
02:48:01 PM May 07, 2026
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.543 9 GHz
-44.820 dBm
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
03:05:50 PM May 07, 2026
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 2.577 6 GHz
-39.235 dBm
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Frequency
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

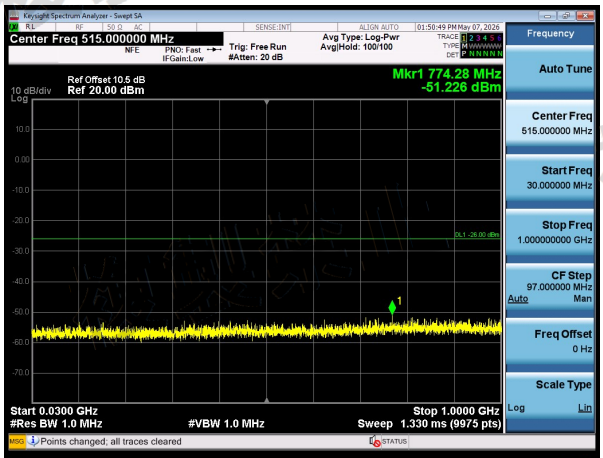
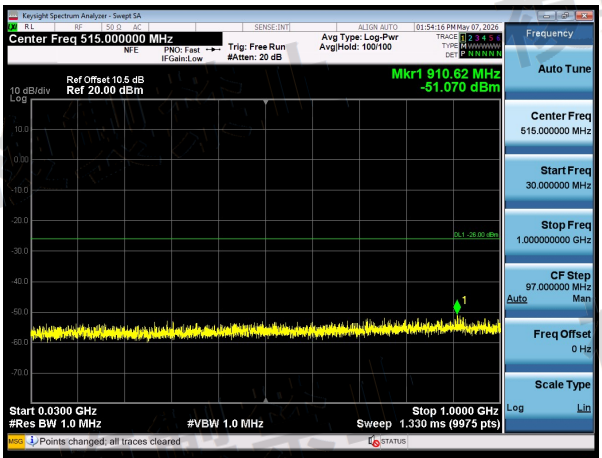
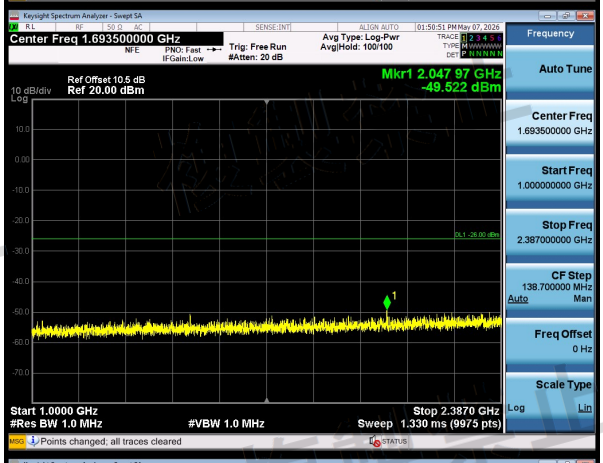
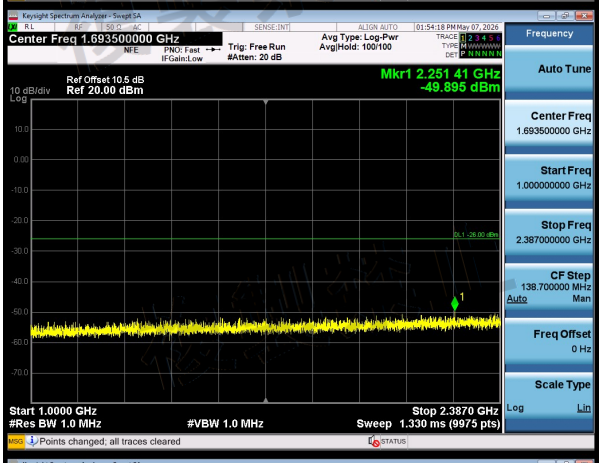
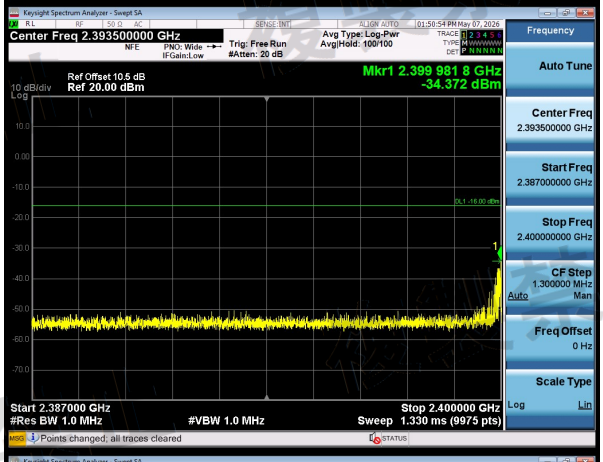
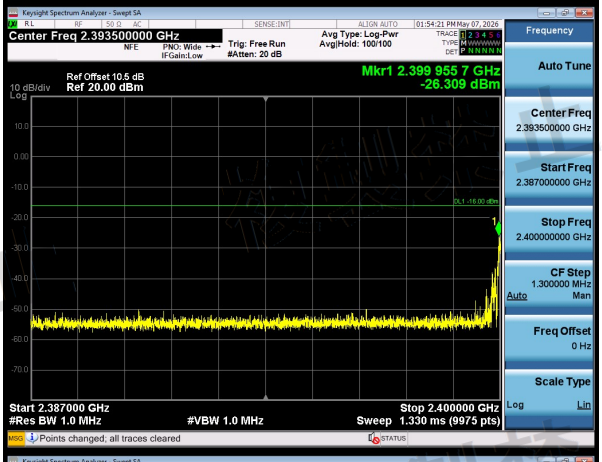
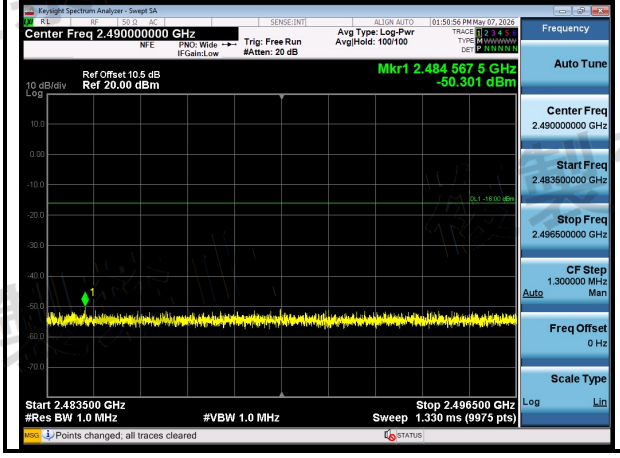
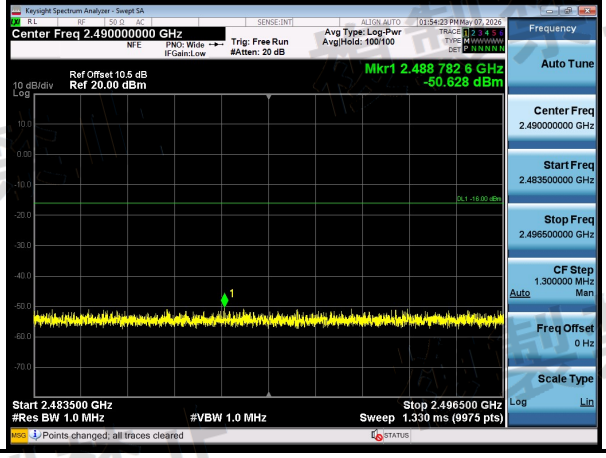
GFSK	8-DPSK
DH5	3DH5
	
	
	
	

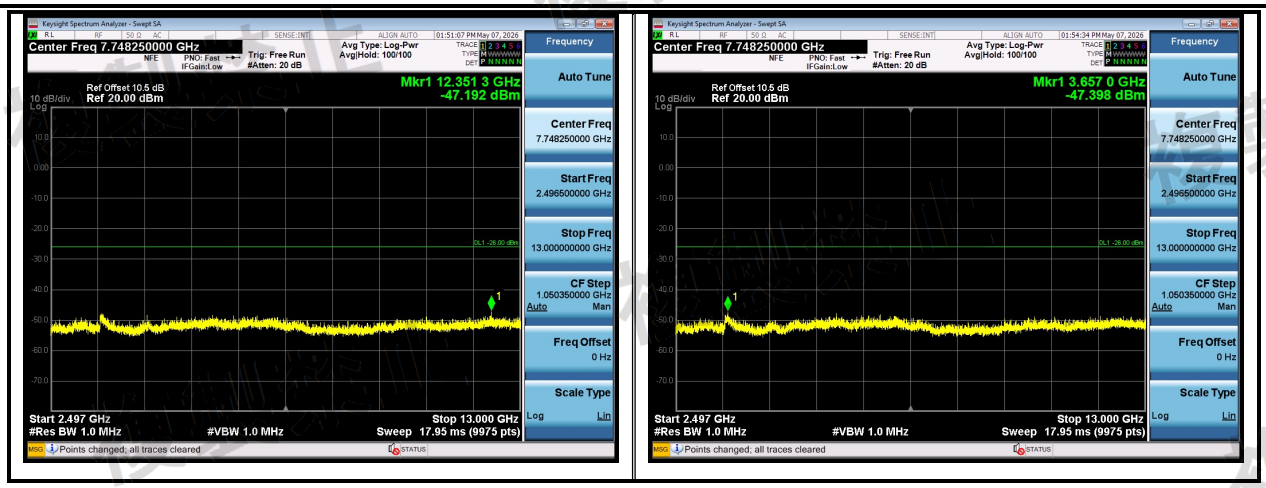

Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
02:49:31 PM May 07, 2026
Frequency
Auto Tune
Mkr1 12.271 3 GHz
-47.542 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
03:10:22 PM May 07, 2026
Frequency
Auto Tune
Mkr1 3.649 6 GHz
-47.289 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared

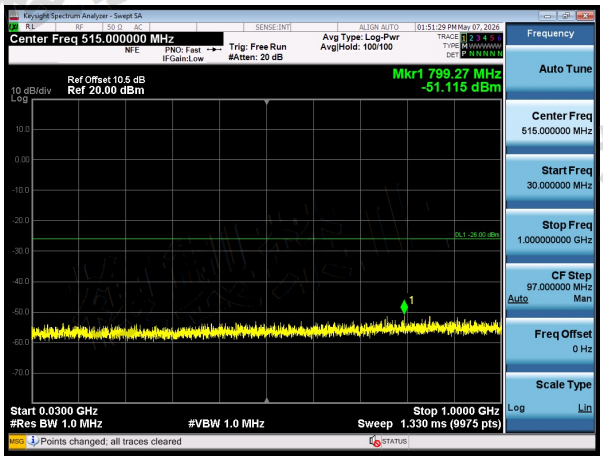
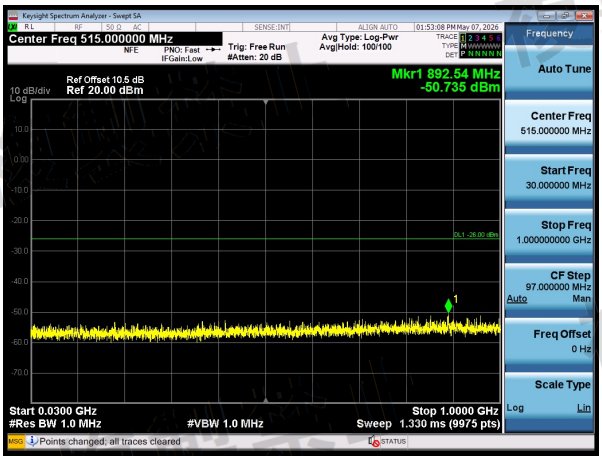
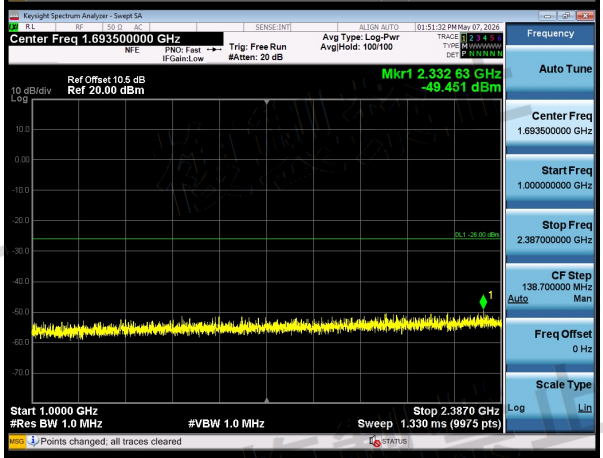
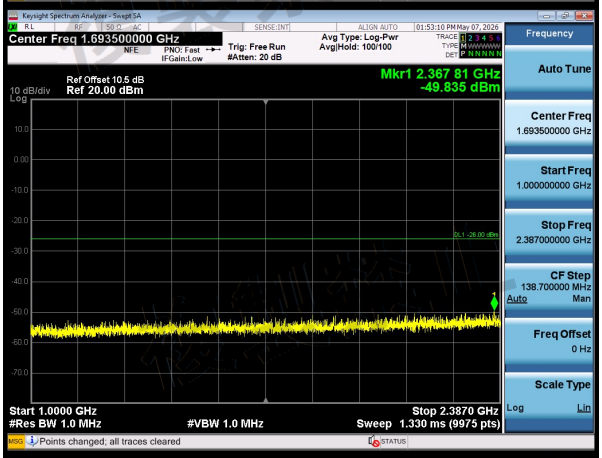
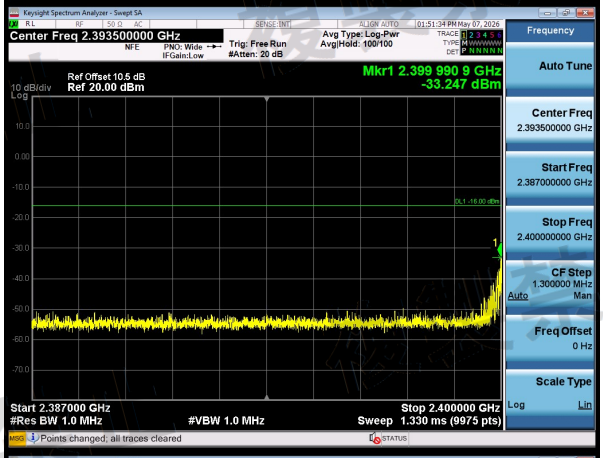
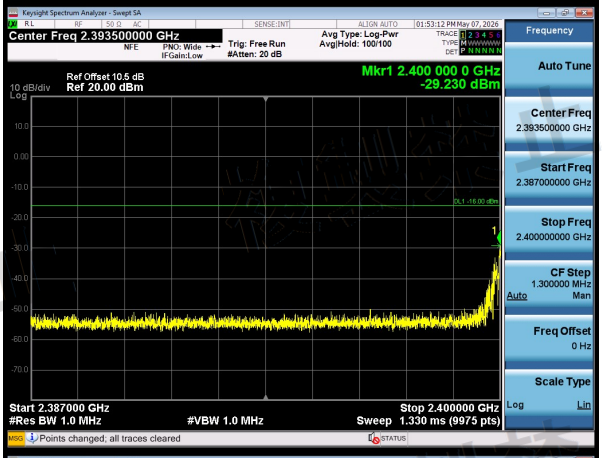
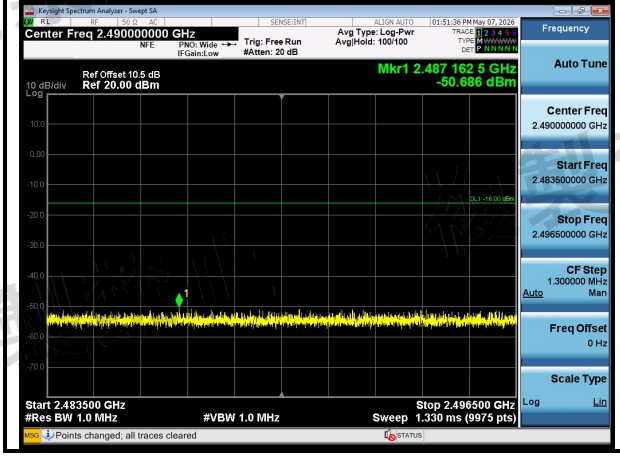
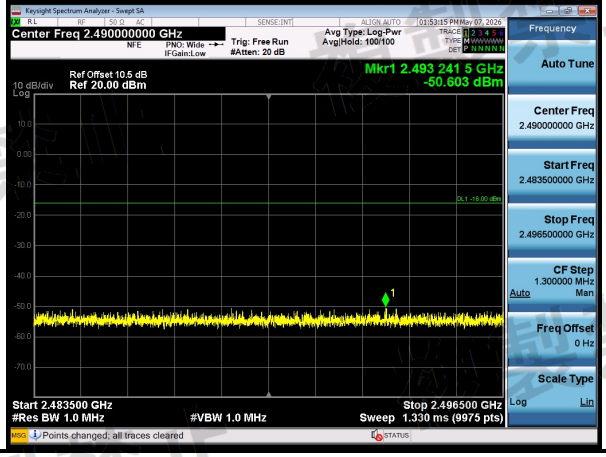
DC 4.24V

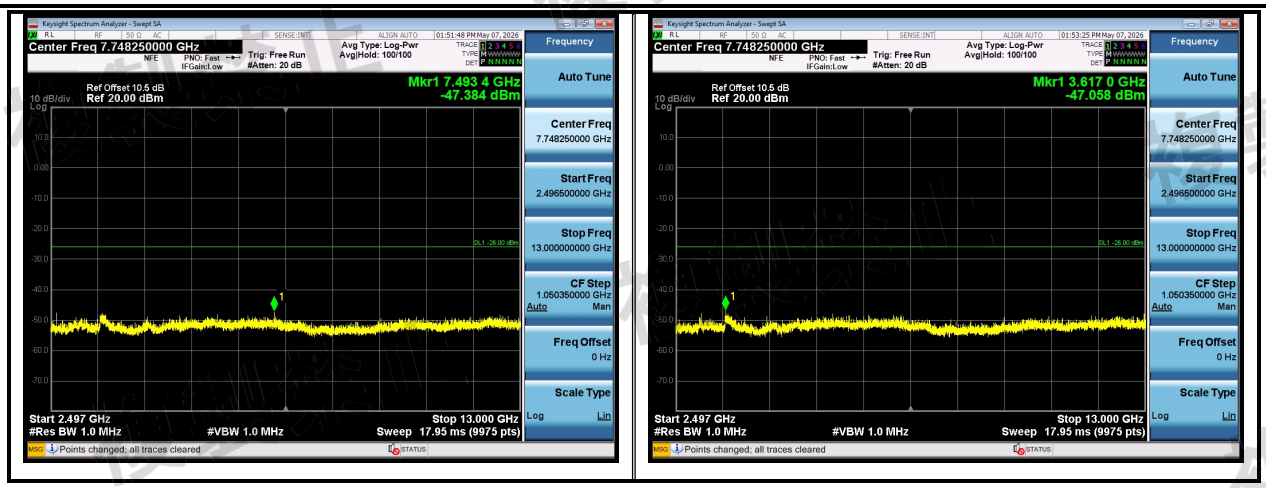
GFSK	8-DPSK
DH1	3DH1
	
	
	
	


Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:33:42 PM May 07, 2026
Frequency
Mkr1 3.606 5 GHz
-46.870 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:53:57 PM May 07, 2026
Frequency
Mkr1 3.632 8 GHz
-47.687 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Auto Tune
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared

GFSK	8-DPSK
DH3	3DH3
	
	
	
	

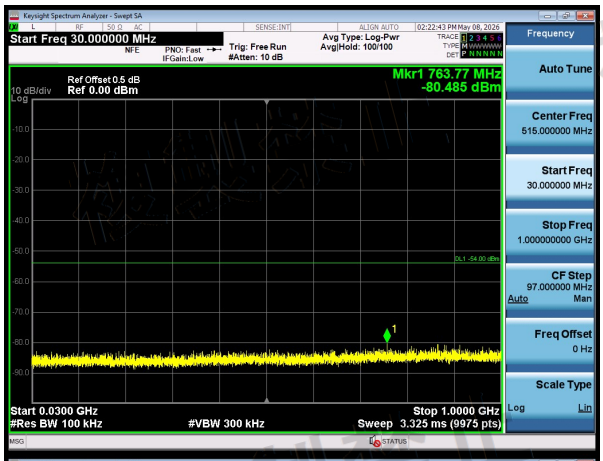
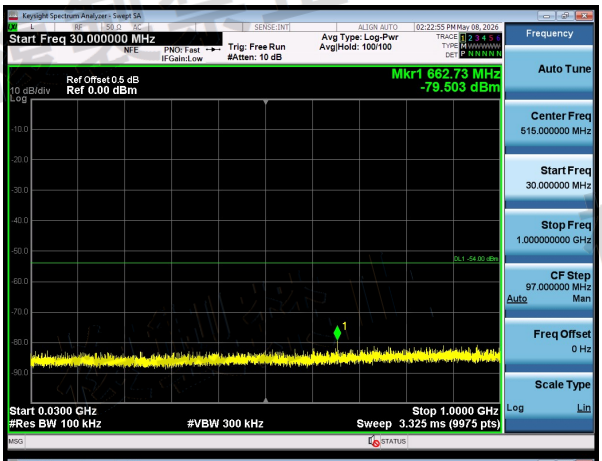

Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:51:07 PM May 07, 2026
Frequency
Auto Tune
Mkr1 12.351 3 GHz
-47.192 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
STATUS
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
NFE
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:54:34 PM May 07, 2026
Frequency
Auto Tune
Mkr1 3.657 0 GHz
-47.398 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
STATUS

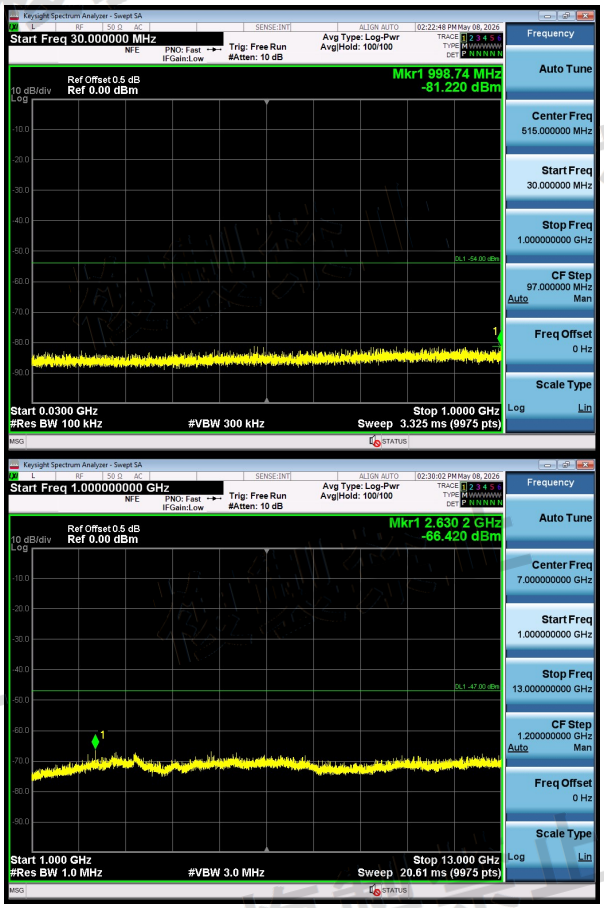
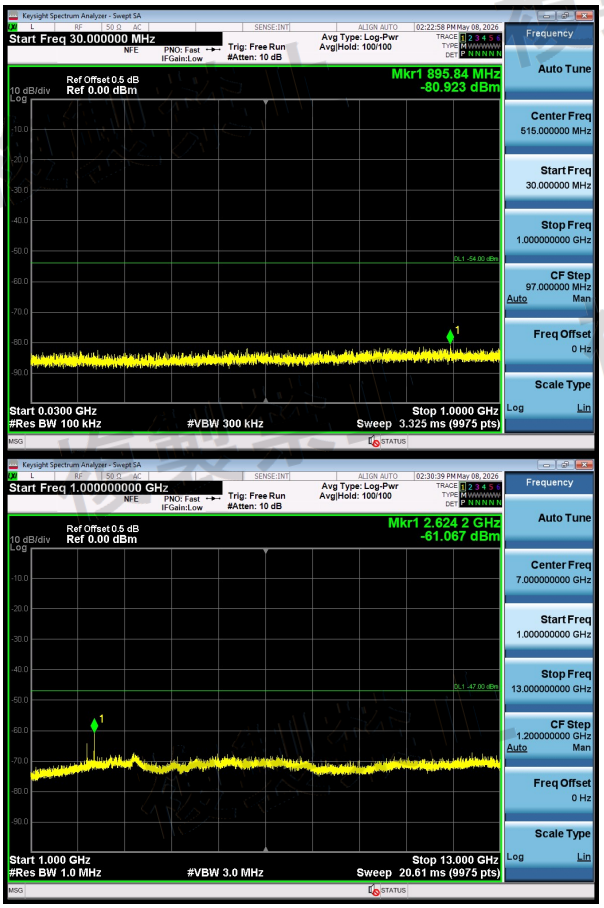
GFSK	8-DPSK
DH5	3DH5
	
	
	
	


Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:51:48 PM May 07, 2026
Frequency
Auto Tune
Mkr1 7.493 4 GHz
-47.384 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared
Keysight Spectrum Analyzer - Swept SA
Center Freq 7.748250000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 100/100
01:53:25 PM May 07, 2026
Frequency
Auto Tune
Mkr1 3.617 0 GHz
-47.058 dBm
Ref Offset 10.5 dB
10 dB/div
Ref 20.00 dBm
Log
Center Freq
7.748250000 GHz
Start Freq
2.496500000 GHz
Stop Freq
13.000000000 GHz
CF Step
1.050350000 GHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin
Start 2.497 GHz
#Res BW 1.0 MHz
#VBW 1.0 MHz
Stop 13.000 GHz
Sweep 17.95 ms (9975 pts)
Points changed; all traces cleared

C.6 Secondary Radiated Emissions (Conducted)

DC 3.47V

GFSK	8-DPSK
DH1	3DH1
	
	

GFSK	8-DPSK
DH3	3DH3
	

GFSK	8-DPSK
DH5	3DH5
