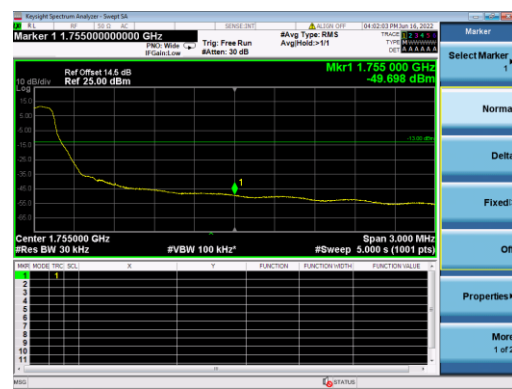
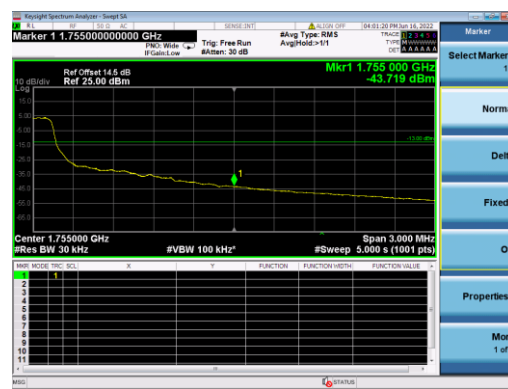


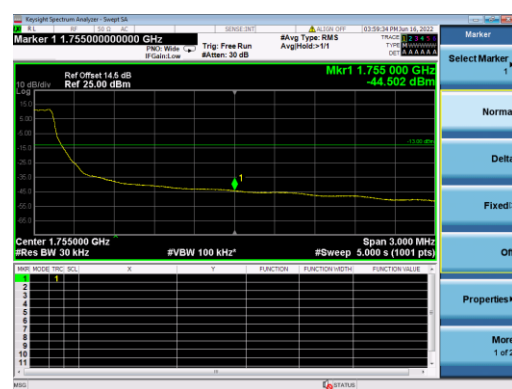
B4-20M-High CH-BE-Q16-1 RB MAX



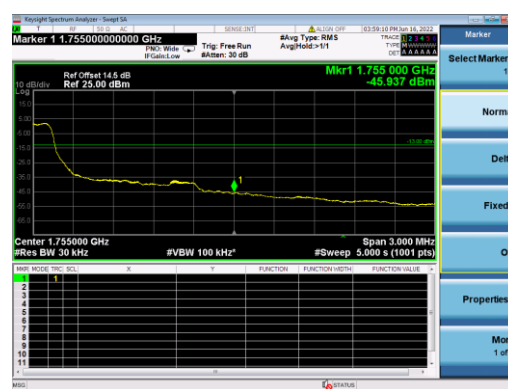
B4-20M-High CH-BE-Q16-Full RB 0



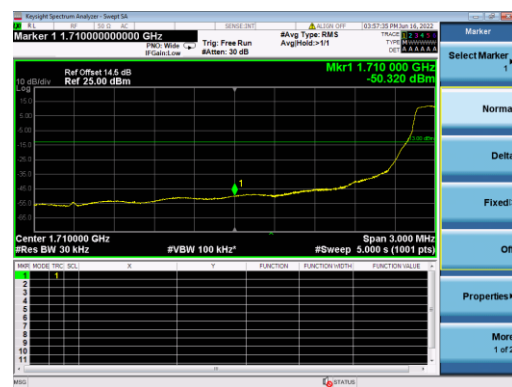
B4-20M-High CH-BE-QPSK-1 RB MAX



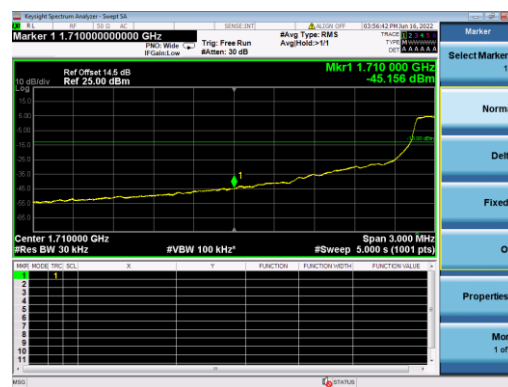
B4-20M-High CH-BE-QPSK-Full RB 0



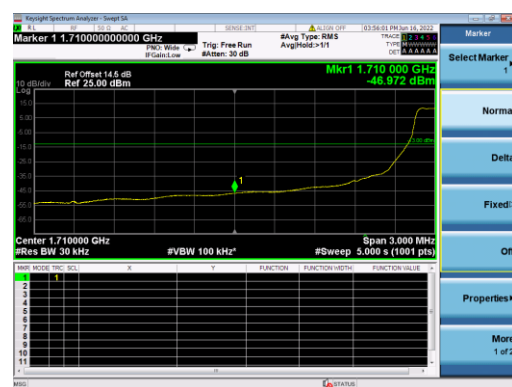
B4-20M-Low CH-BE-Q16-1 RB 0



B4-20M-Low CH-BE-Q16-Full RB 0



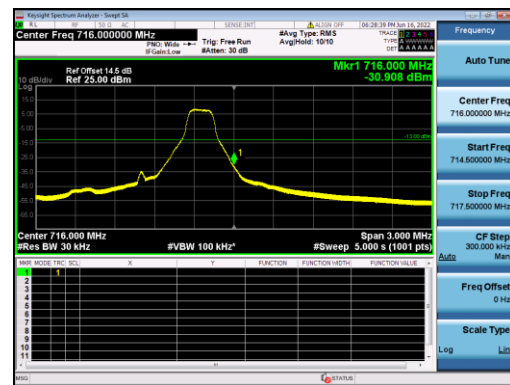
B4-20M-Low CH-BE-QPSK-1 RB 0



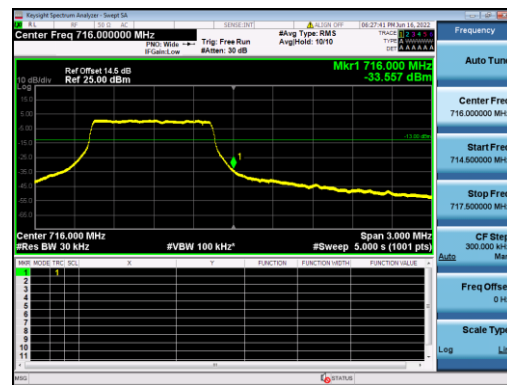
B4-20M-Low CH-BE-QPSK-Full RB 0



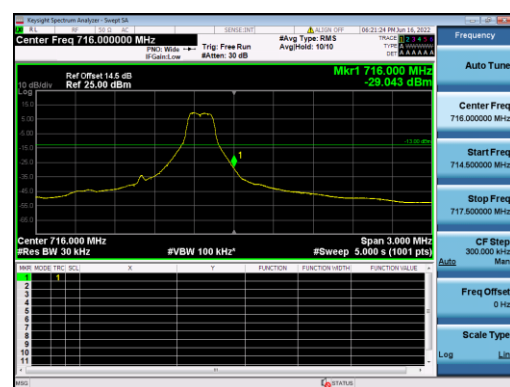
B12-1.4M-High CH-BE-Q16-1 RB MAX



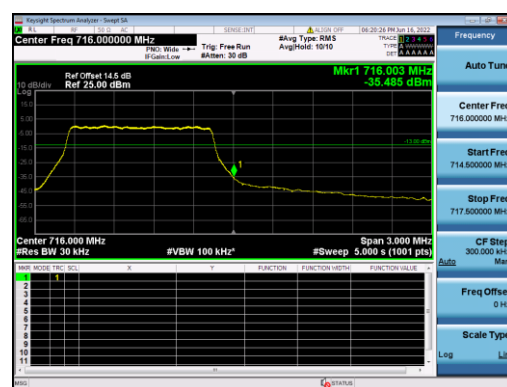
B12-1.4M-High CH-BE-Q16-Full RB 0



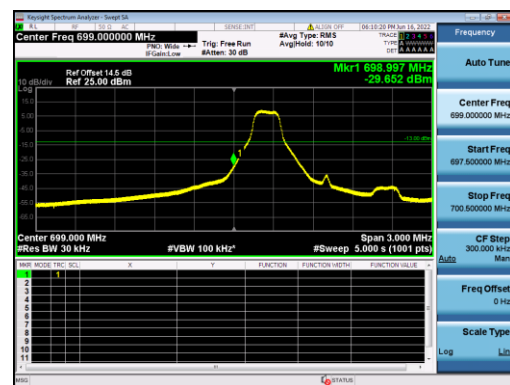
B12-1.4M-High CH-BE-QPSK-1 RB MAX



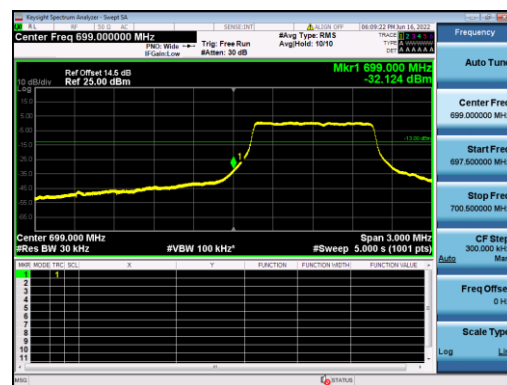
B12-1.4M-High CH-BE-QPSK-Full RB 0



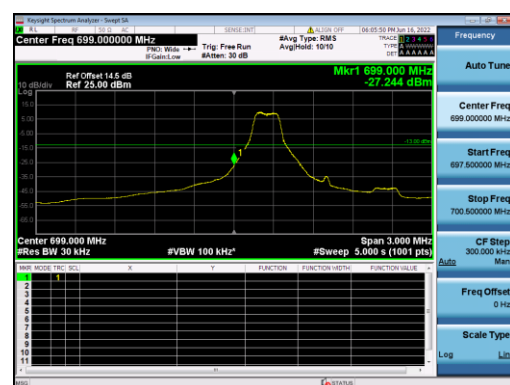
B12-1.4M-Low CH-BE-Q16-1 RB 0



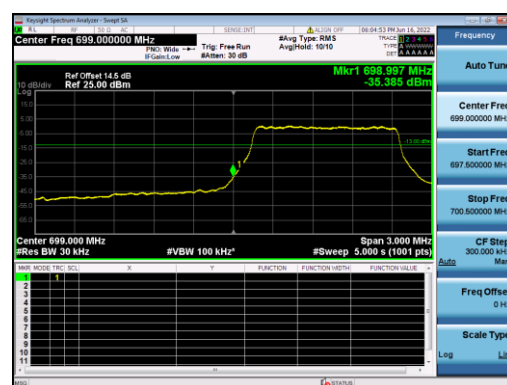
B12-1.4M-Low CH-BE-Q16-Full RB 0



B12-1.4M-Low CH-BE-QPSK-1 RB 0



B12-1.4M-Low CH-BE-QPSK-Full RB 0



[illegible]

Keysight Spectrum Analyzer - Setup 30

Center Freq 716.000000 MHz

Auto T

FREQ 716.000 MHz

Frequency

Auto T

Center Freq

716.000000 MHz

Start Freq

714.500000 MHz

Stop Freq

717.500000 MHz

CF Step

300.000000 MHz

Auto

Freq Offset

0 Hz

Scale Type

Log

Span 3.000 MHz

Res BW 30 kHz

#VBW 100 kHz

#Sweep 5.000 s (1001 pts)

Mtr1 716.000 MHz -39.500 dBm

10 dBm/Hz

Ref 25.00 dBm

0 dBm

-10

-20

-30

-40

-50

-60

-70

-80

-90

715.000000 MHz

716.000000 MHz

717.000000 MHz

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Keysight Spectrum Analyzer - Setup 20

Center Freq 716.000000 MHz

Ref Offset 14.5 dB
Ref 23.50 dBm

Span 3.000 MHz
Res BW 30 kHz
#VBW 100 kHz*
#Sweep 5.000 s (1001 pts)

Mkr1 716.000000 MHz
-42.098 dBm

Frequency

Auto Tune

Center Freq 716.000000 MHz

Start Freq 714.500000 MHz

Stop Freq 717.500000 MHz

CF Step 300.000000 MHz

Auto

Freq Offset 0 Hz

Scale Type Log

Log Lin

STATUS

[illegible][illegible]

Center Freq 699.000000 MHz

Ref Offset 14.5 dB
Ref 25.00 dBm

Span 3.000 MHz
RBW 30 kHz
VBW 100 kHz

Peak 1 699.981 MHz
-40.178 dBm

Freq	Power	Phase
699.000000	-40.178	0.000

Center Freq 699.000000 MHz

Ref Offset: 14.5 dB
Ref: 25.00 dBm

19.0 dBm
-0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
-9.0
-10.0
-11.0
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-91.0
-92.0
-93.0
-94.0
-95.0
-96.0
-97.0
-98.0
-99.0
-100.0

Center 699.000 MHz
Span 3.000 MHz
Res BW 30 kHz
#VBW 100 kHz
#Sweep 5.000 s (0.01 ps)

Mr1 699.938 MHz
-42.876 dBm

MR	FREQ (MHz)	SPAN (MHz)	RES BW (kHz)	VBW (kHz)	SWEPT (s)	FUNCTION	FUNCTION NAME	FUNCTION VALUE
1	699.938	3.000	30.000	100.000	5.000	MR1	MR1	-42.876 dBm

Center Freq 699.000000 MHz

Auto Tune

Frequency

Center Freq 699.000000 MHz

Start Freq 697.500000 MHz

Stop Freq 700.500000 MHz

CF Step 300.000000 MHz

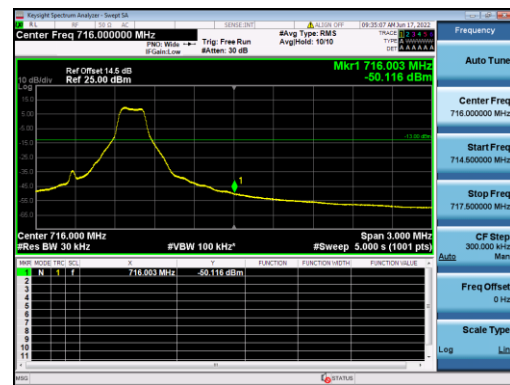
Auto

Freq Offsets 0 Hz

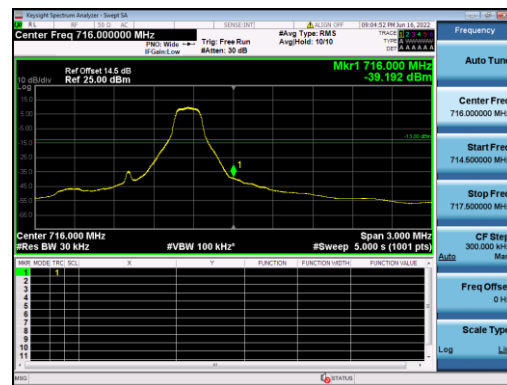
Scale Type

Log

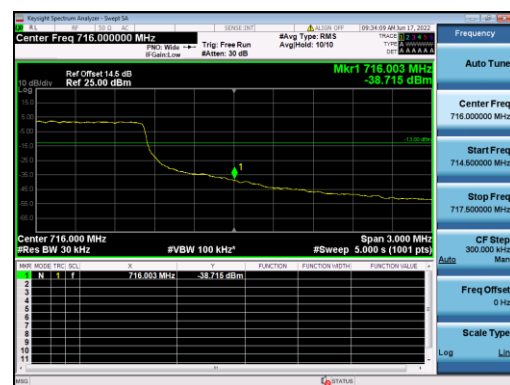
B12-10M-High CH-BE-Q16-1 RB MAX



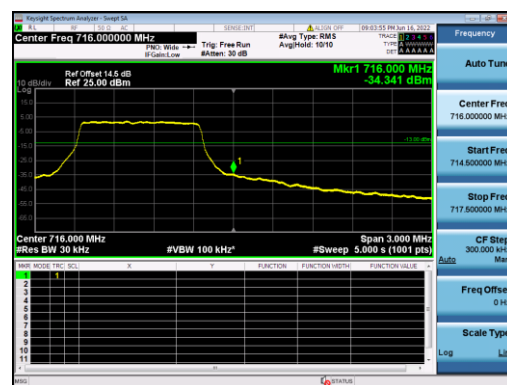
B12-5M-High CH-BE-Q16-1 RB MAX



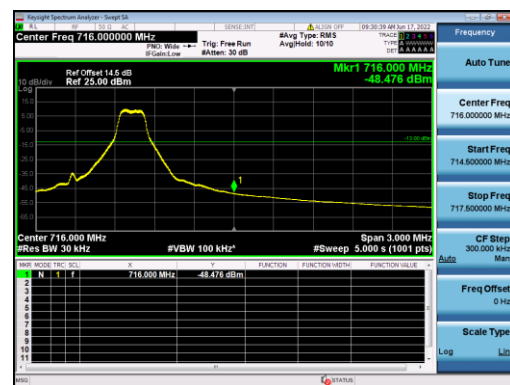
B12-10M-High CH-BE-Q16-Full RB 0



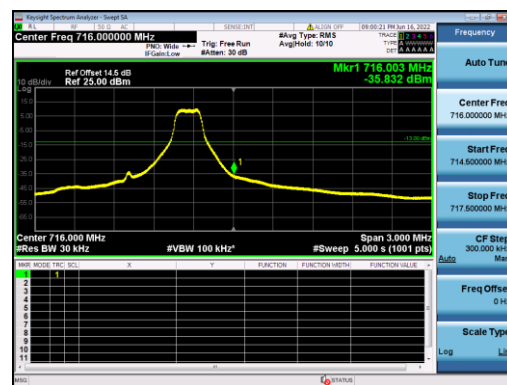
B12-5M-High CH-BE-Q16-Full RB 0



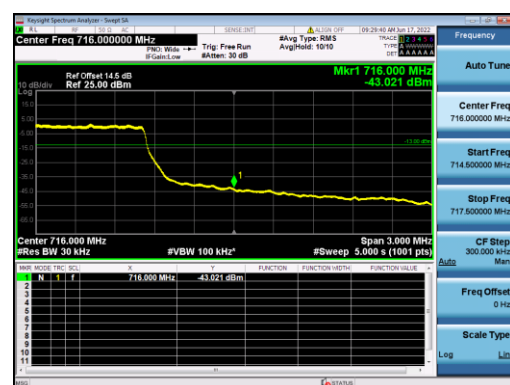
B12-10M-High CH-BE-QPSK-1 RB MAX



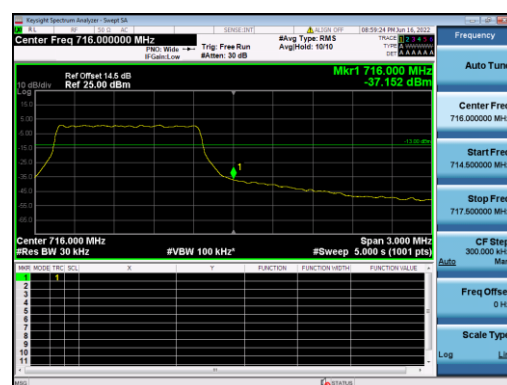
B12-5M-High CH-BE-QPSK-1 RB MAX



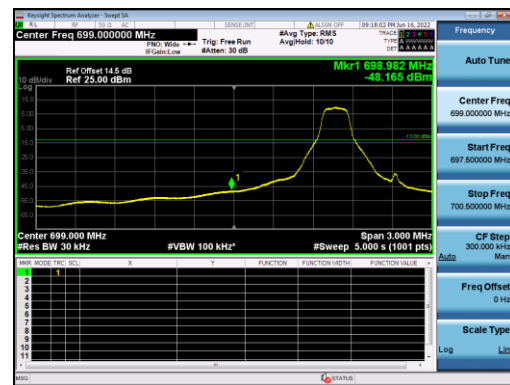
B12-10M-High CH-BE-QPSK-Full RB 0



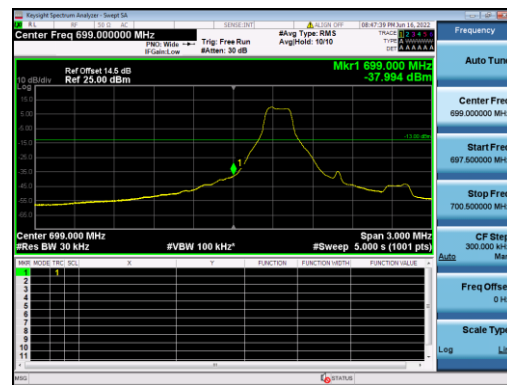
B12-5M-High CH-BE-QPSK-Full RB 0



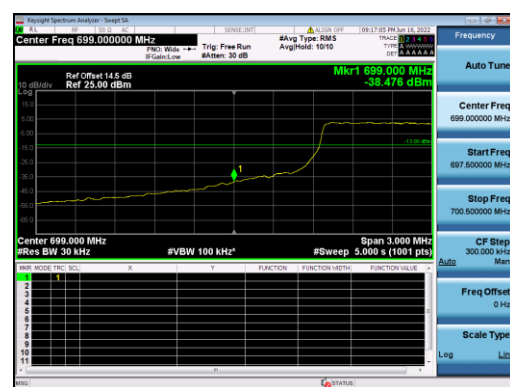
B12-10M-Low CH-BE-Q16-1 RB 0



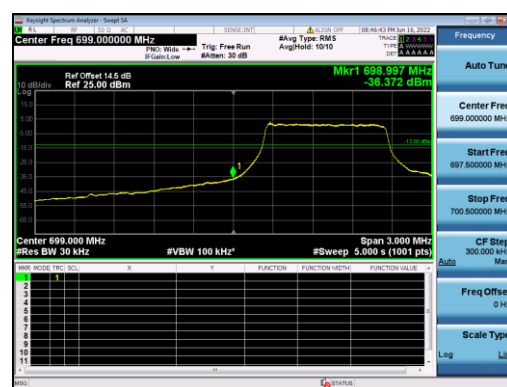
B12-5M-Low CH-BE-Q16-1 RB 0



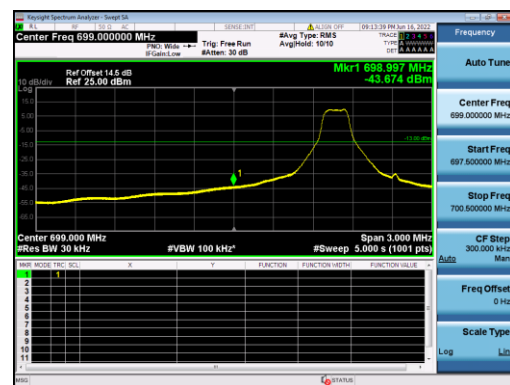
B12-10M-Low CH-BE-Q16-Full RB 0



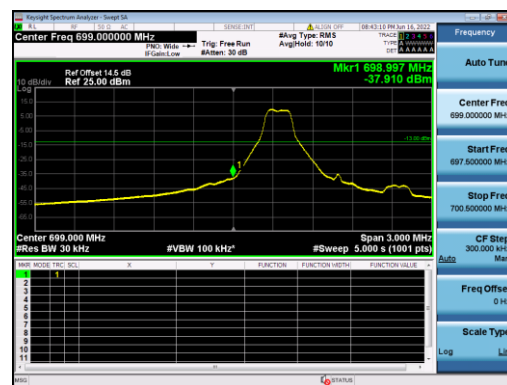
B12-5M-Low CH-BE-Q16-Full RB 0



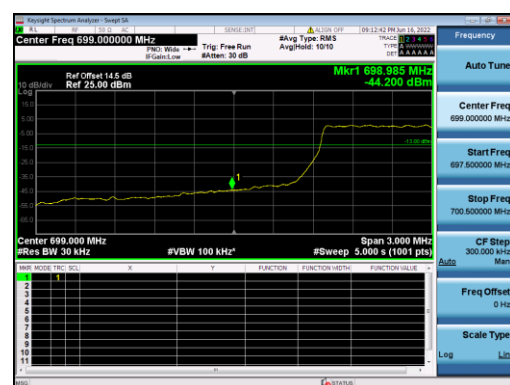
B12-10M-Low CH-BE-QPSK-1 RB 0



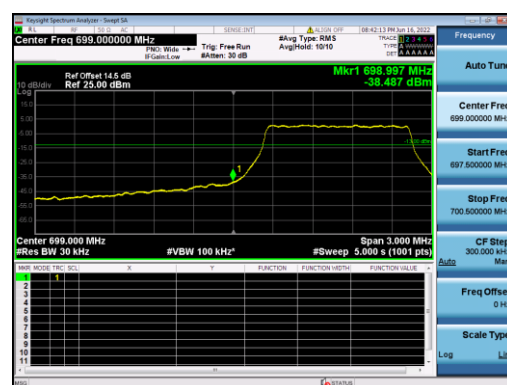
B12-5M-Low CH-BE-QPSK-1 RB 0



B12-10M-Low CH-BE-QPSK-Full RB 0



B12-5M-Low CH-BE-QPSK-Full RB 0



Keysight Spectrum Analyzer - Setup 53

Center Freq 787.000000 MHz

Ref Noise 14.5 dB
Ref Res 25.0 dBm

Span 3.000 MHz
Res BW 30 kHz
Sweep 5.000 s (1001 pts)

Marker 1 787.003 MHz
-39.419 dBm

Auto T

Center Freq 787.000000 MHz

Start Freq 785.500000 MHz

Stop Freq 788.500000 MHz

CF Offset 300.000 MHz

Auto

Freq Offset 0 Hz

Scale Type Lin

Log Lin

STATUS

Keysight Spectrum Analyzer - Setup 33

Center Freq 787.000000 MHz

Auto Tune

Span 3.000 MHz

Ref Offset 14.5 dB

Ref 25.00 dBm

Mr1 787.503 MHz

dBm/Hz

10

0

-10

-20

-30

-40

-50

-60

-70

-80

-90

-100

786.5

787.0

787.5

MHz

Span 3.000 MHz

Res BW 30 kHz

VBW 100 kHz

Sweep 5.000 MHz/s (1001 pts)

NAME	MODE	FREQ	DBM	SPAN	FUNCTION	FUNCTION	MATH	FUNCTION	VALUE
1	MAX	787.503	-10.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-10.0
2	MIN	786.500	-100.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-100.0
3	MAX	787.503	-10.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-10.0
4	MIN	786.500	-100.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-100.0
5	MAX	787.503	-10.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-10.0
6	MIN	786.500	-100.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-100.0
7	MAX	787.503	-10.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-10.0
8	MIN	786.500	-100.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-100.0
9	MAX	787.503	-10.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-10.0
10	MIN	786.500	-100.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-100.0
11	MAX	787.503	-10.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-10.0
12	MIN	786.500	-100.0	3.000	dBm/Hz	dBm/Hz	dBm/Hz	dBm/Hz	-100.0

Auto

Freq Offset

0 Hz

Scale Type

Log

dBm/Hz

Keysight Spectrum Analyzer - Setup 20

Center Freq 787.000000 MHz

Ref Offset 14.5 dB
Ref 23.50 dBm

Span 3.000 MHz
#BW 100 kHz*
#Sweep 5.000 s (1001 pts)

Mkr1 787.000 MHz
-35.886 dBm

MIN	MAX	TRF	SCN	RES	FUNCTION	FUNCTION (HOLD)	FUNCTION (HOLD)
1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1

Auto Tune

Center Freq 787.000000 MHz

Start Freq 786.500000 MHz

Stop Freq 788.500000 MHz

CF Step 300.000000 MHz

Auto

Freq Offset 0 Hz

Scale Type Lin

Log

(STATUS)

[illegible]

Keysight Spectrum Analyzer - Single Shot

Center Freq 777.000000 MHz

Ref Offset 14.8 dB
Ref 75.00 dBm

Mkr1 777.987 MHz
-33.798 dBm

Span 3.000 MHz
#VBW 100 kHz*
#Sweep 5.000 s (1001 pts)

CF Step 300.000 MHz

Marker	Freq	Level	Function
1	777.987 MHz	-33.798 dBm	MAX

Keysight Spectrum Analyzer - Single SW

Center Freq 777.000000 MHz

Ref Offset 14.8 dB
Ref 75.00 dBm

10 dB/div
Log

776.979 MHz
-36.618 dBm

Center 777.000 MHz
#Res BW 30 kHz
#VBW 100 kHz*
#Sweep 5.000 s (1001 pts)

Span 3.000 MHz

Auto

Frequency

Auto

Center Freq
777.000000 MHz

Start Freq
775.500000 MHz

Stop Freq
778.500000 MHz

CF Step
300.000000 MHz

Auto

Freq Offset
0 Hz

Scale Type
Log

dBm

[illegible]

Center Freq 777.000000 MHz

Ref Offset 14.5 dB
Ref 25.00 dBm

Peak Width: 400 Hz
#Gain: Low
Tig: Free Run
#Att: 30 dB

Stop Type: RMS
Avg Mode: 10/10
Trace: 1000000
Time: 00:47:11 AM Jan 17, 2023

**Mntr1 777.0000 MHz
-39.174 dBm**

19.0 dBm
-0.5 dB
-1.0 dB
-1.5 dB
-2.0 dB
-2.5 dB
-3.0 dB
-3.5 dB
-4.0 dB
-4.5 dB
-5.0 dB
-5.5 dB
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-97.0 dB
-97.5 dB
-98.0 dB
-98.5 dB
-99.0 dB
-99.5 dB
-100.0 dB

**Center 777.0000 MHz
#BW 30 kHz**

#VBW 100 kHz

#Sweep

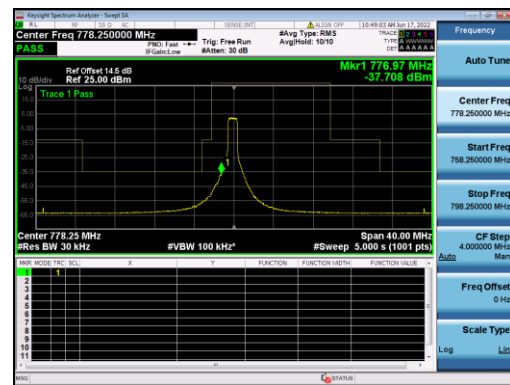
Span 3.000 MHz

300.0000 MHz

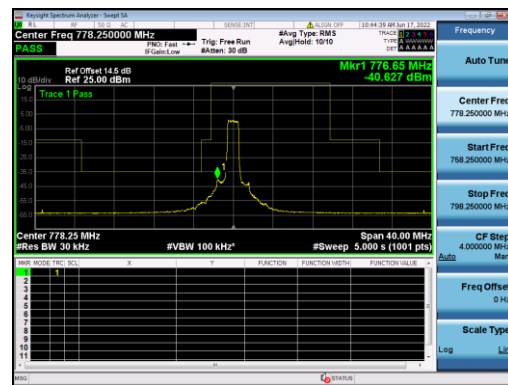
3.000 s (1.000 Auto)

MEAS	UNIT	TIME	DB	FUNCTION	FUNCTION VALUE
1	N	1	f	777.000 MHz	-39.174 dBm
2					
3					
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52					

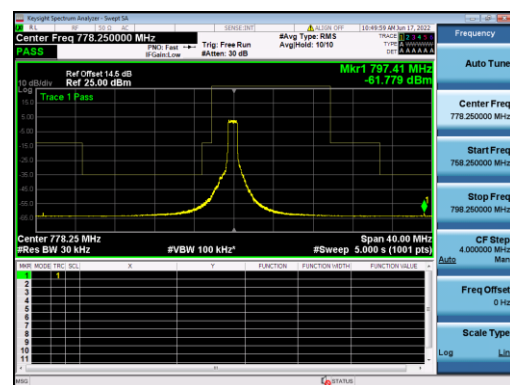
B13-10M-High CH-BE_1-Q16-Full RB 0



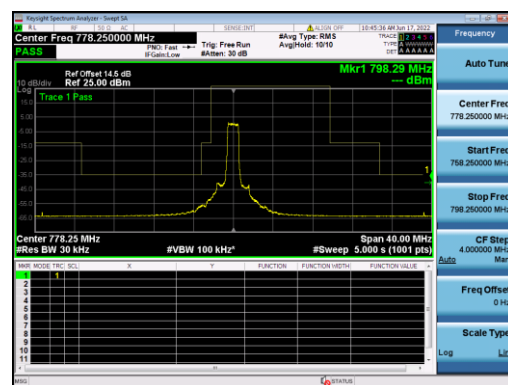
B13-10M-High CH-BE_1-QPSK-Full RB 0



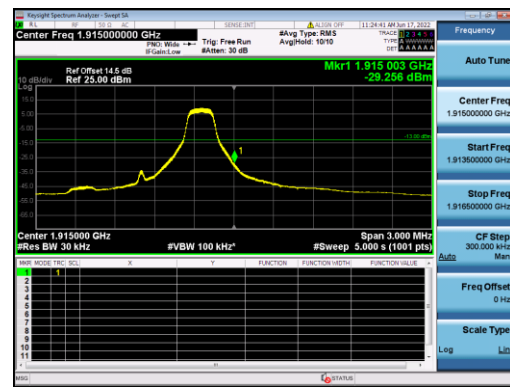
B13-10M-High CH-BE_2-Q16-Full RB 0



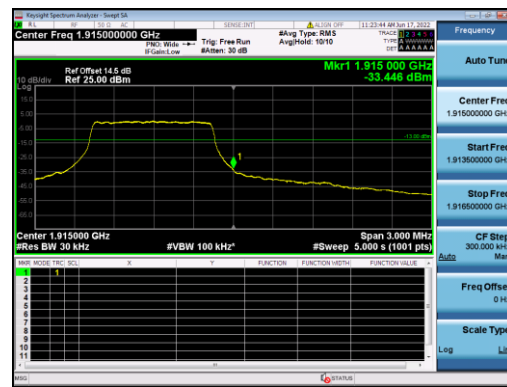
B13-10M-High CH-BE_2-QPSK-Full RB 0



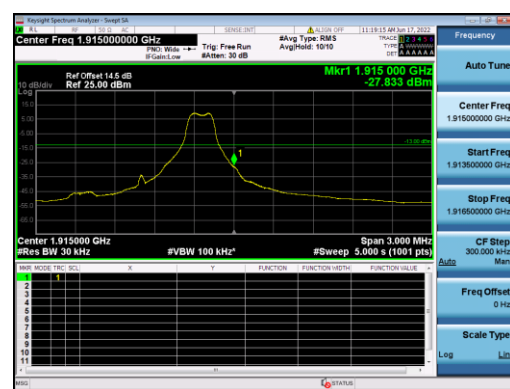
B25-1.4M-High CH-BE-Q16-1 RB MAX



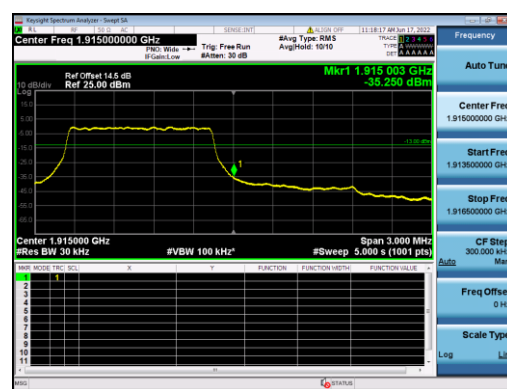
B25-1.4M-High CH-BE-Q16-Full RB 0



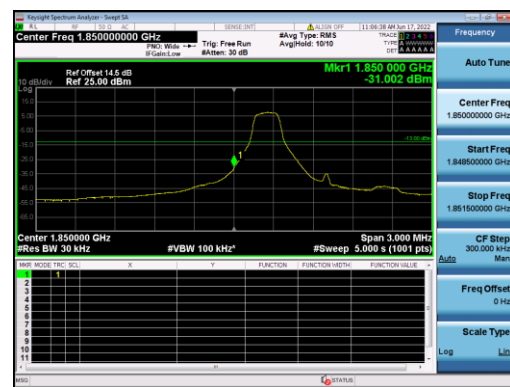
B25-1.4M-High CH-BE-QPSK-1 RB MAX



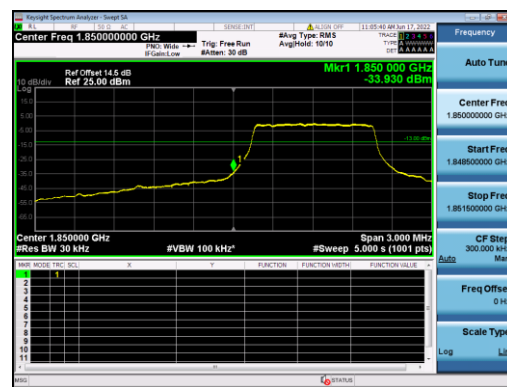
B25-1.4M-High CH-BE-QPSK-Full RB 0



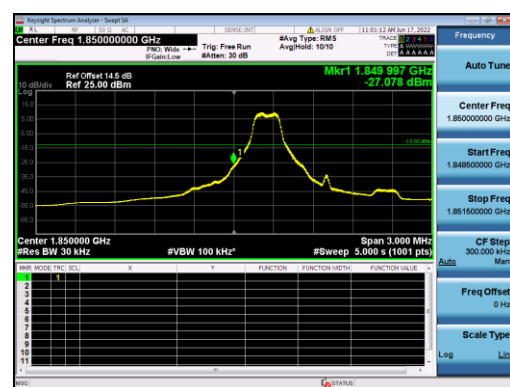
B25-1.4M-Low CH-BE-Q16-1 RB 0



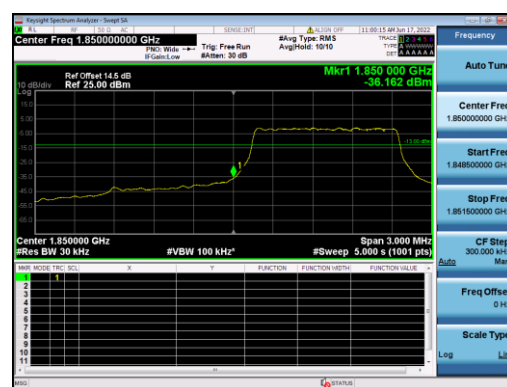
B25-1.4M-Low CH-BE-Q16-Full RB 0



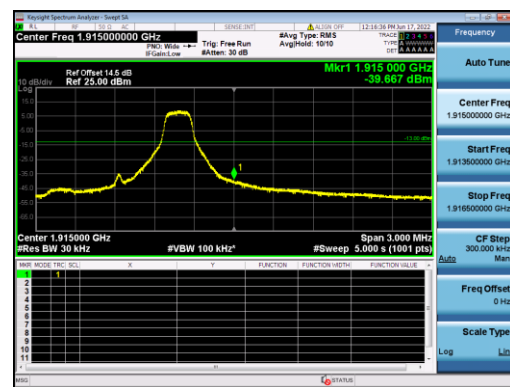
B25-1.4M-Low CH-BE-QPSK-1 RB 0



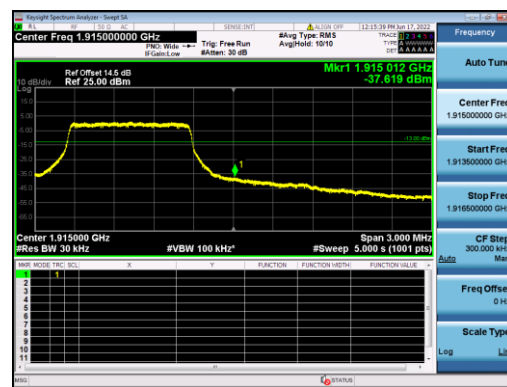
B25-1.4M-Low CH-BE-QPSK-Full RB 0



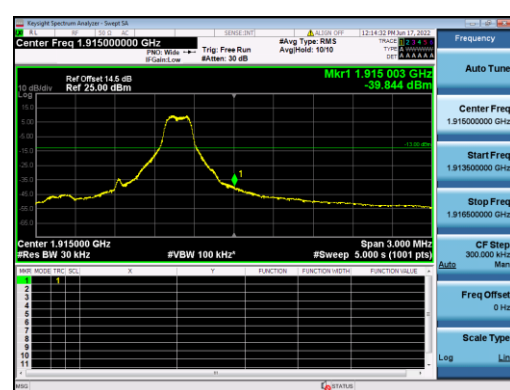
B25-3M-High CH-BE-Q16-1 RB MAX



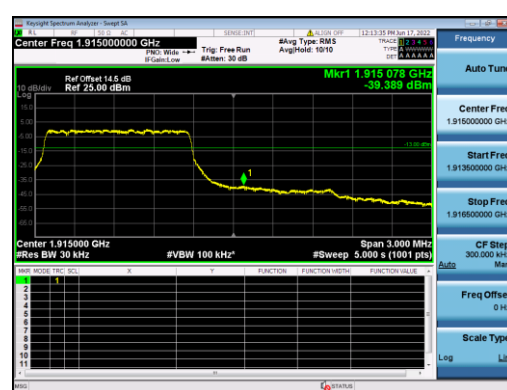
B25-3M-High CH-BE-Q16-Full RB 0



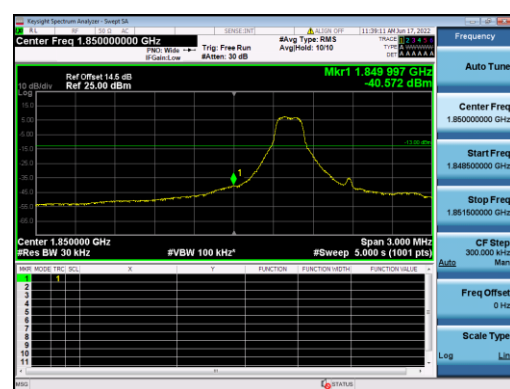
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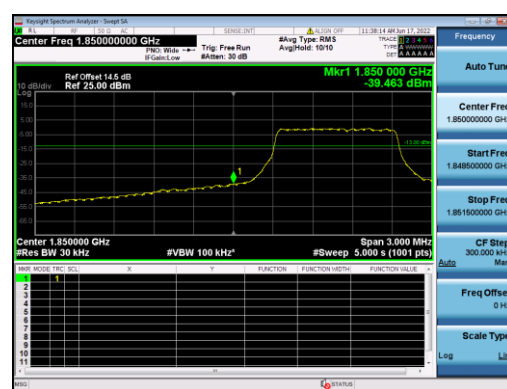
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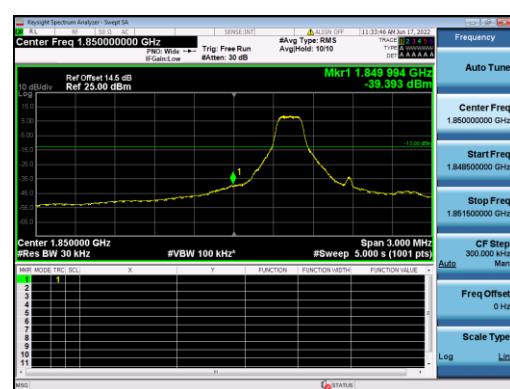
B25-3M-Low CH-BE-Q16-1 RB 0



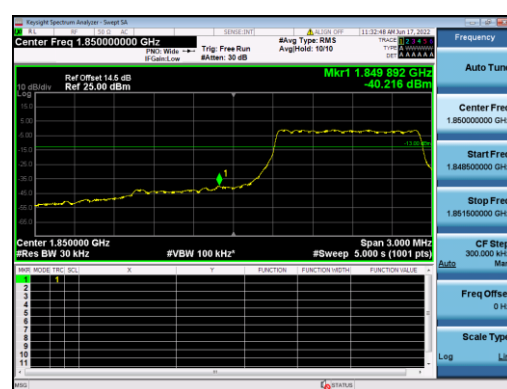
B25-3M-Low CH-BE-Q16-Full RB 0



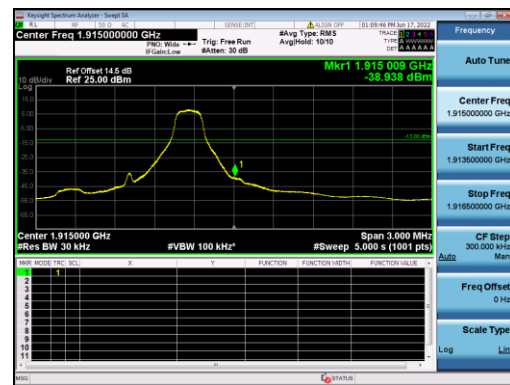
B25-3M-Low CH-BE-QPSK-1 RB 0



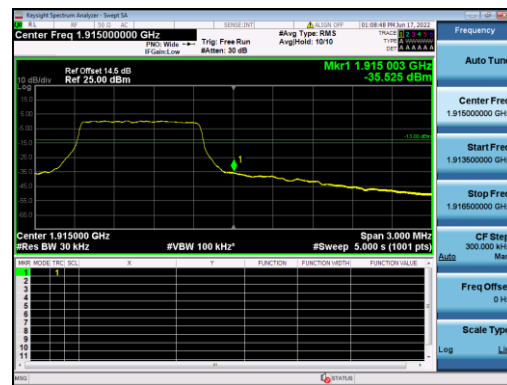
B25-3M-Low CH-BE-QPSK-Full RB 0



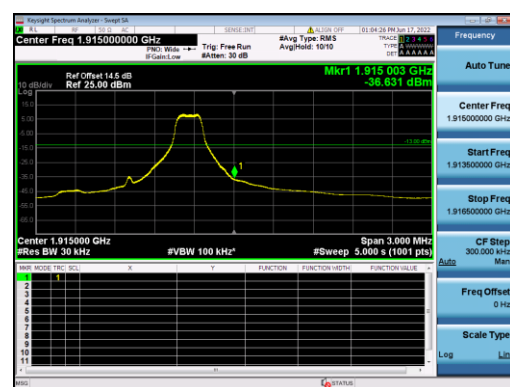
B25-5M-High CH-BE-Q16-1 RB MAX



B25-5M-High CH-BE-Q16-Full RB 0



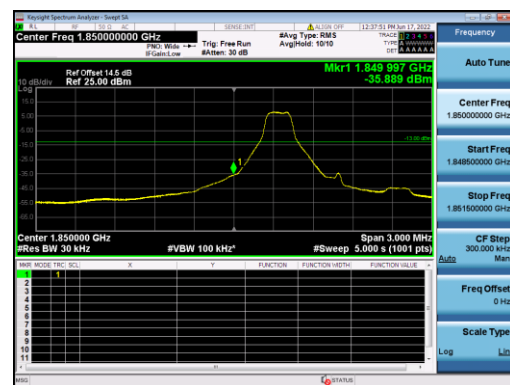
B25-5M-High CH-BE-QPSK-1 RB MAX



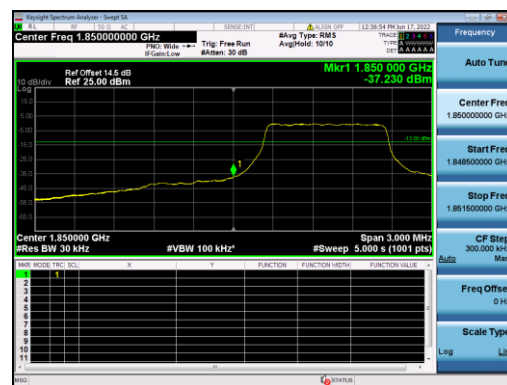
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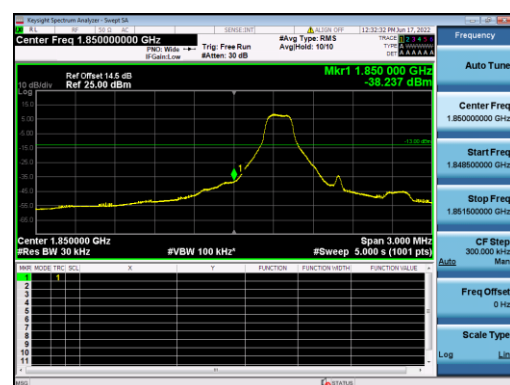
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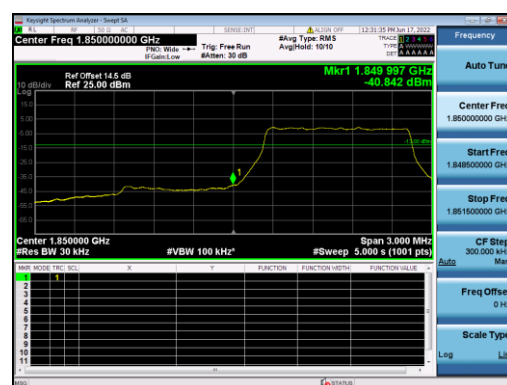
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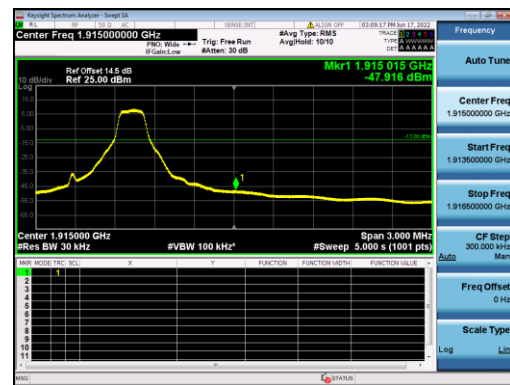
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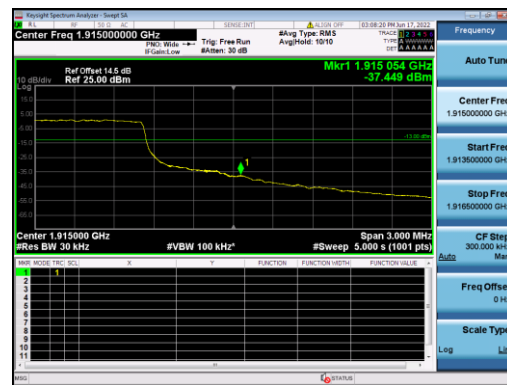
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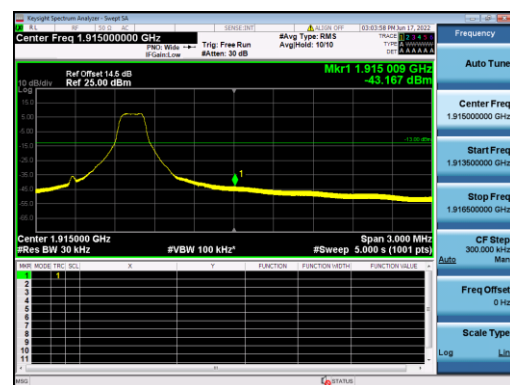
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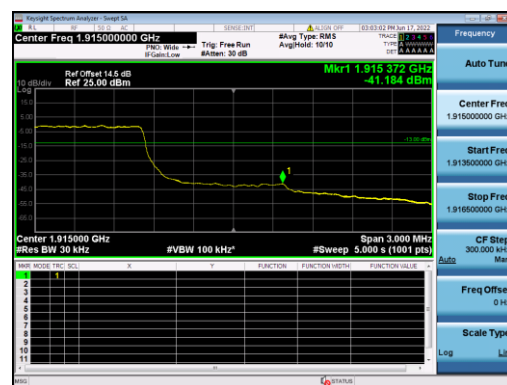
B25-10M-High CH-BE-Q16-Full RB 0



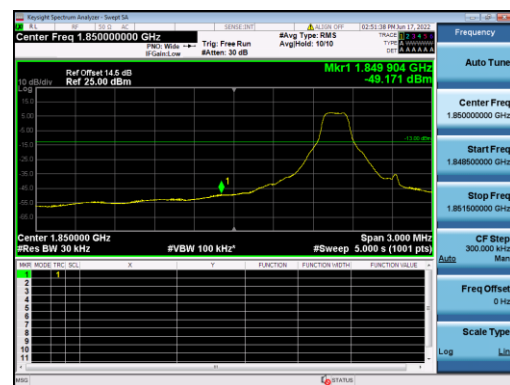
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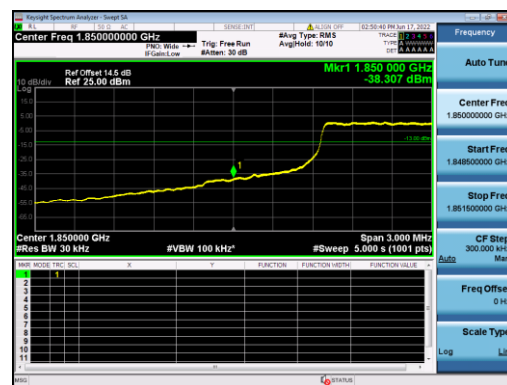
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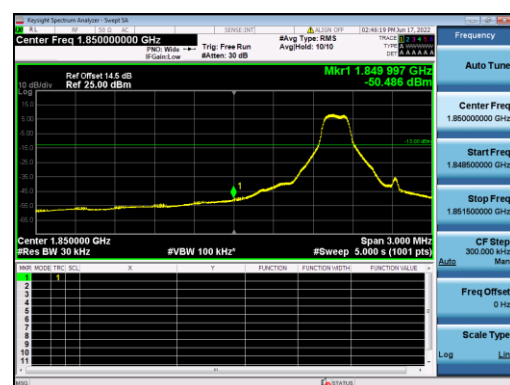
B25-10M-Low CH-BE-Q16-1 RB 0



B25-10M-Low CH-BE-Q16-Full RB 0



B25-10M-Low CH-BE-QPSK-1 RB 0



B25-10M-Low CH-BE-QPSK-Full RB 0

