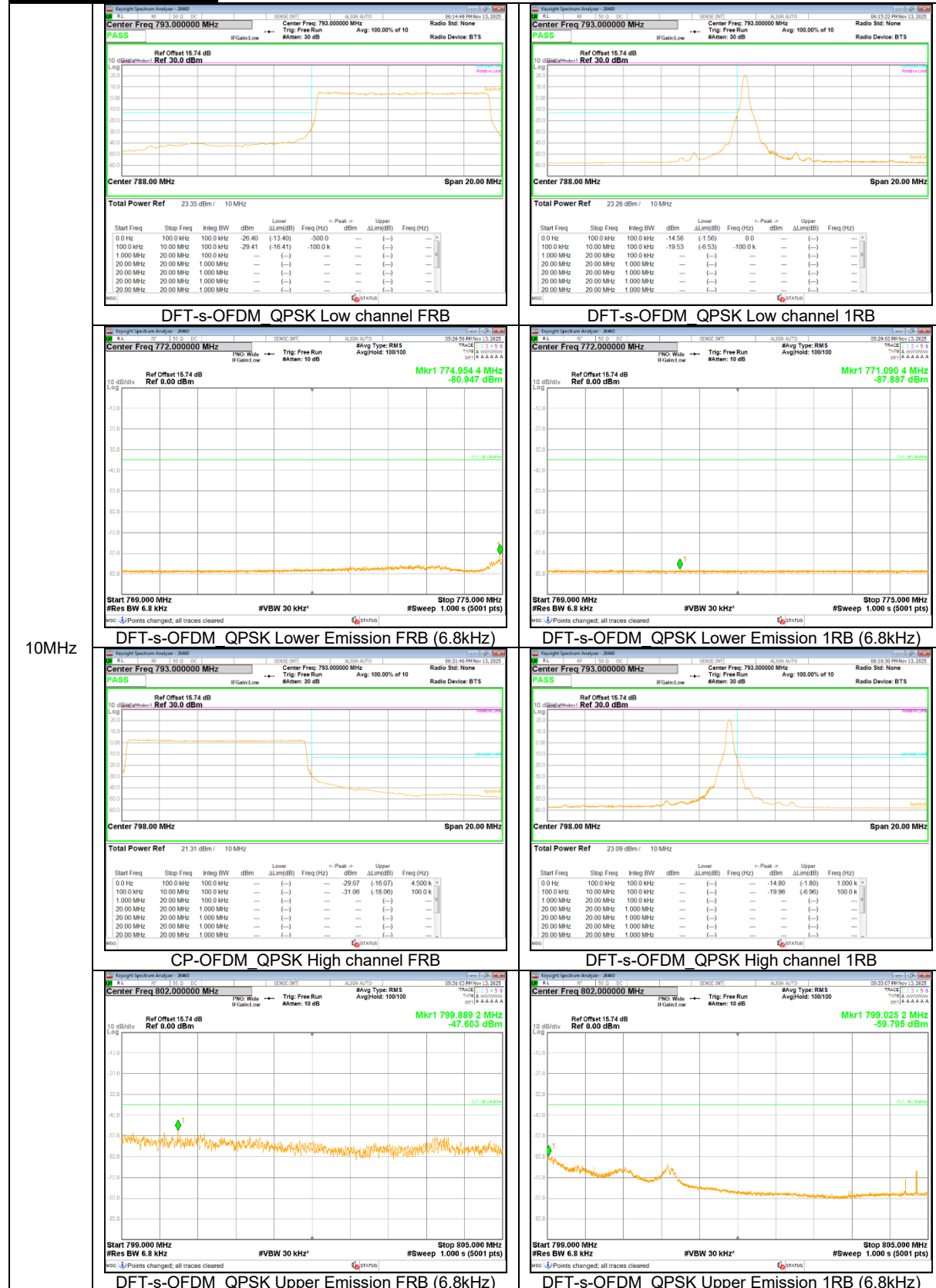
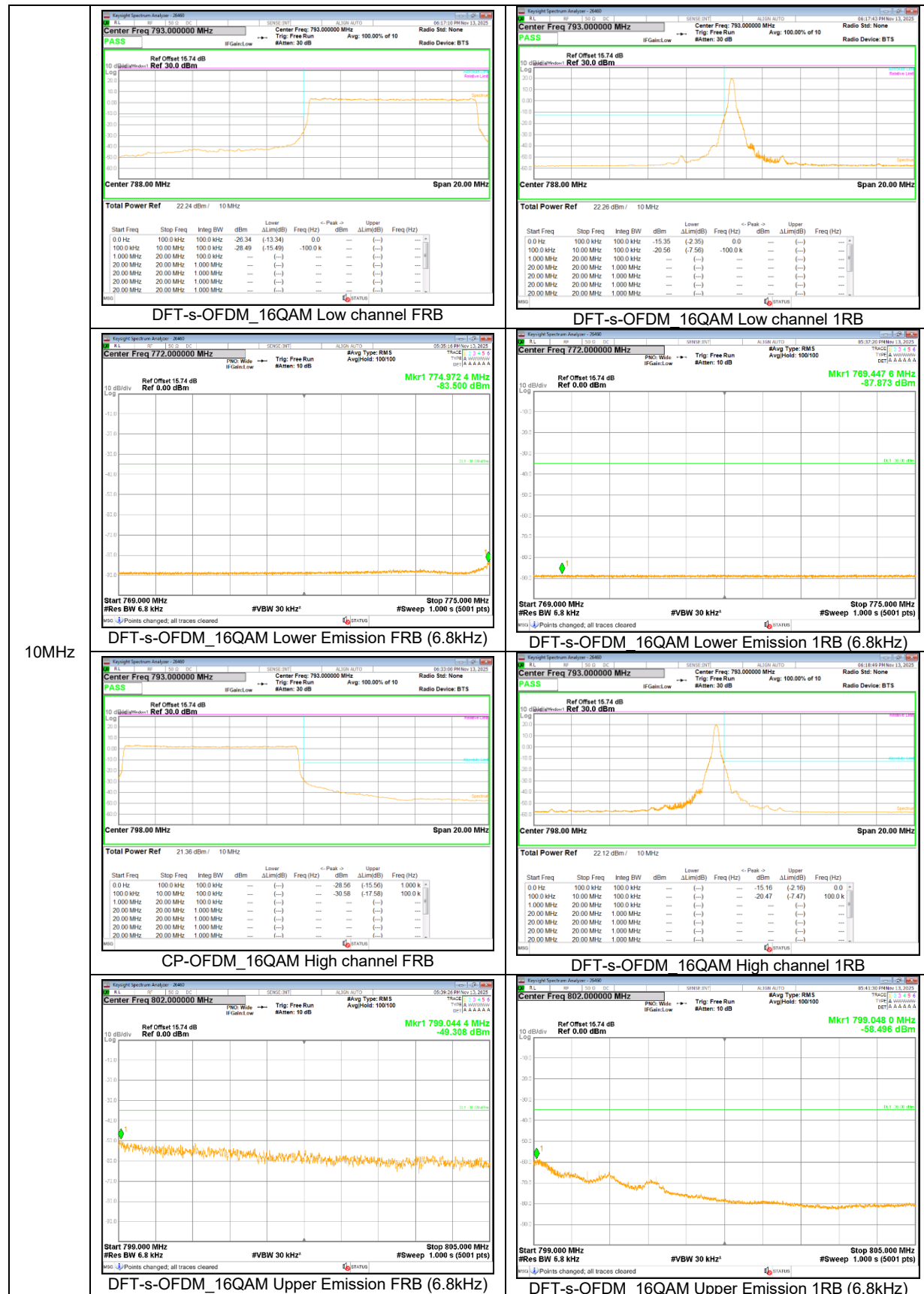
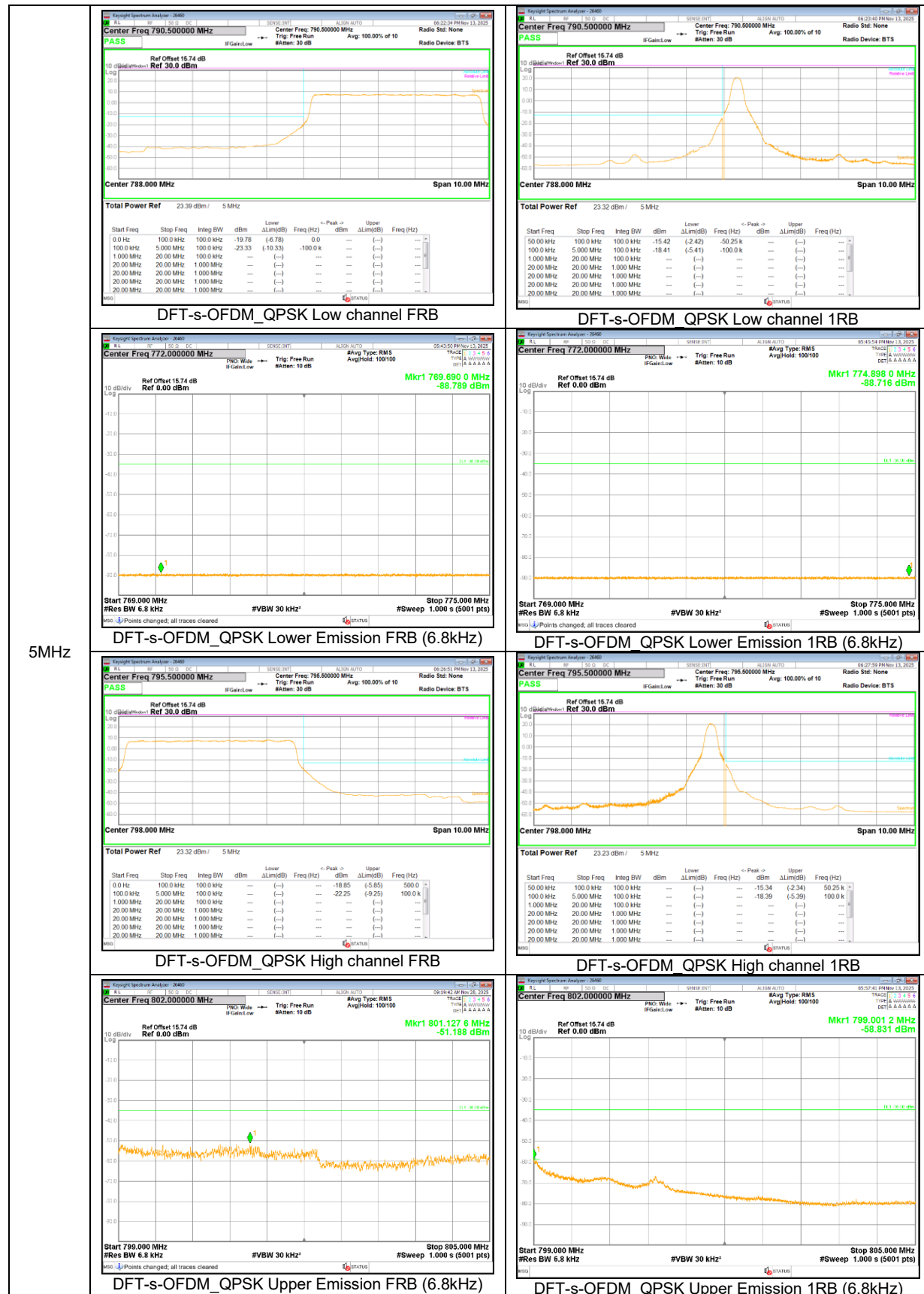


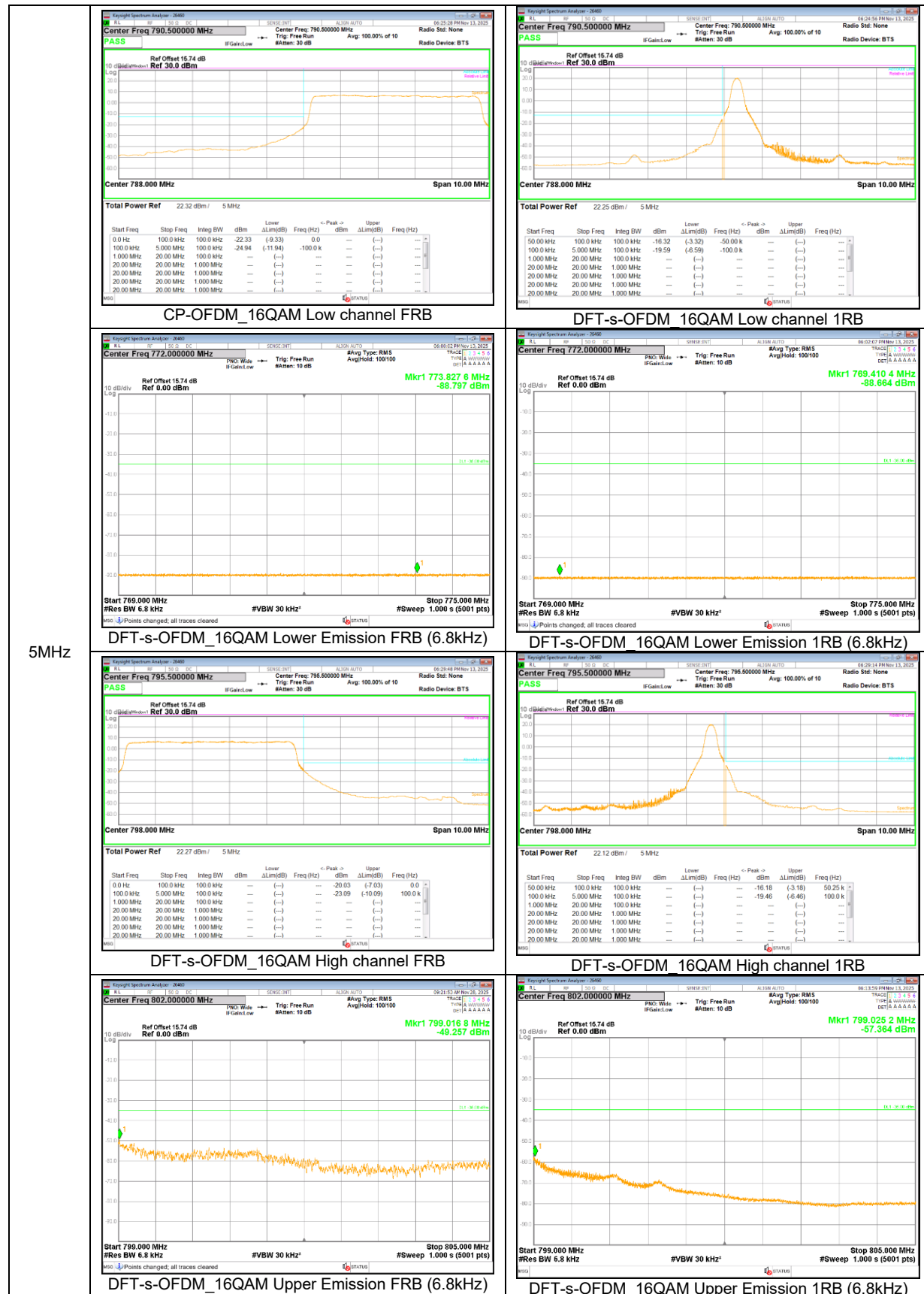


NR Band n14 (ANT E)

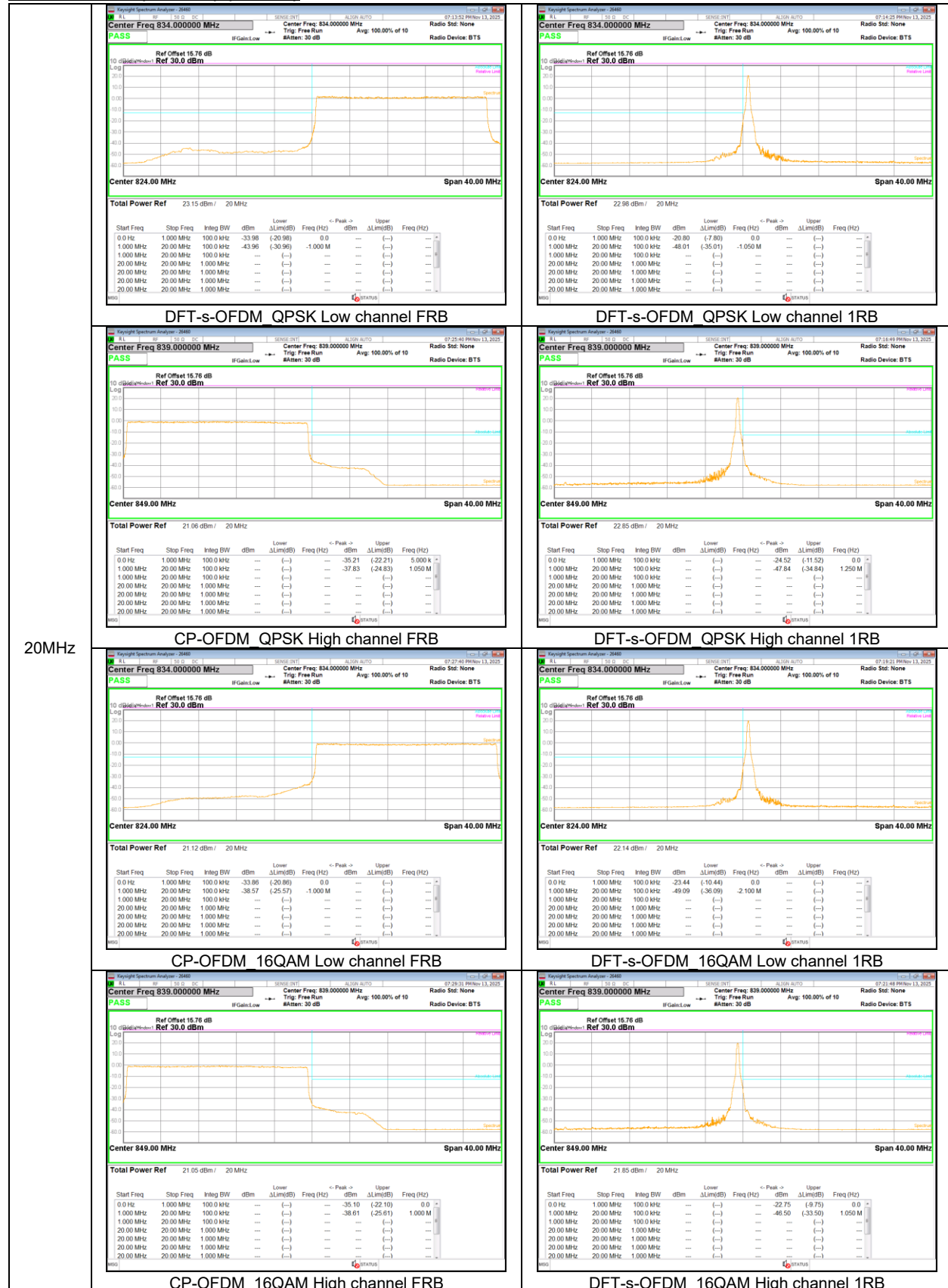


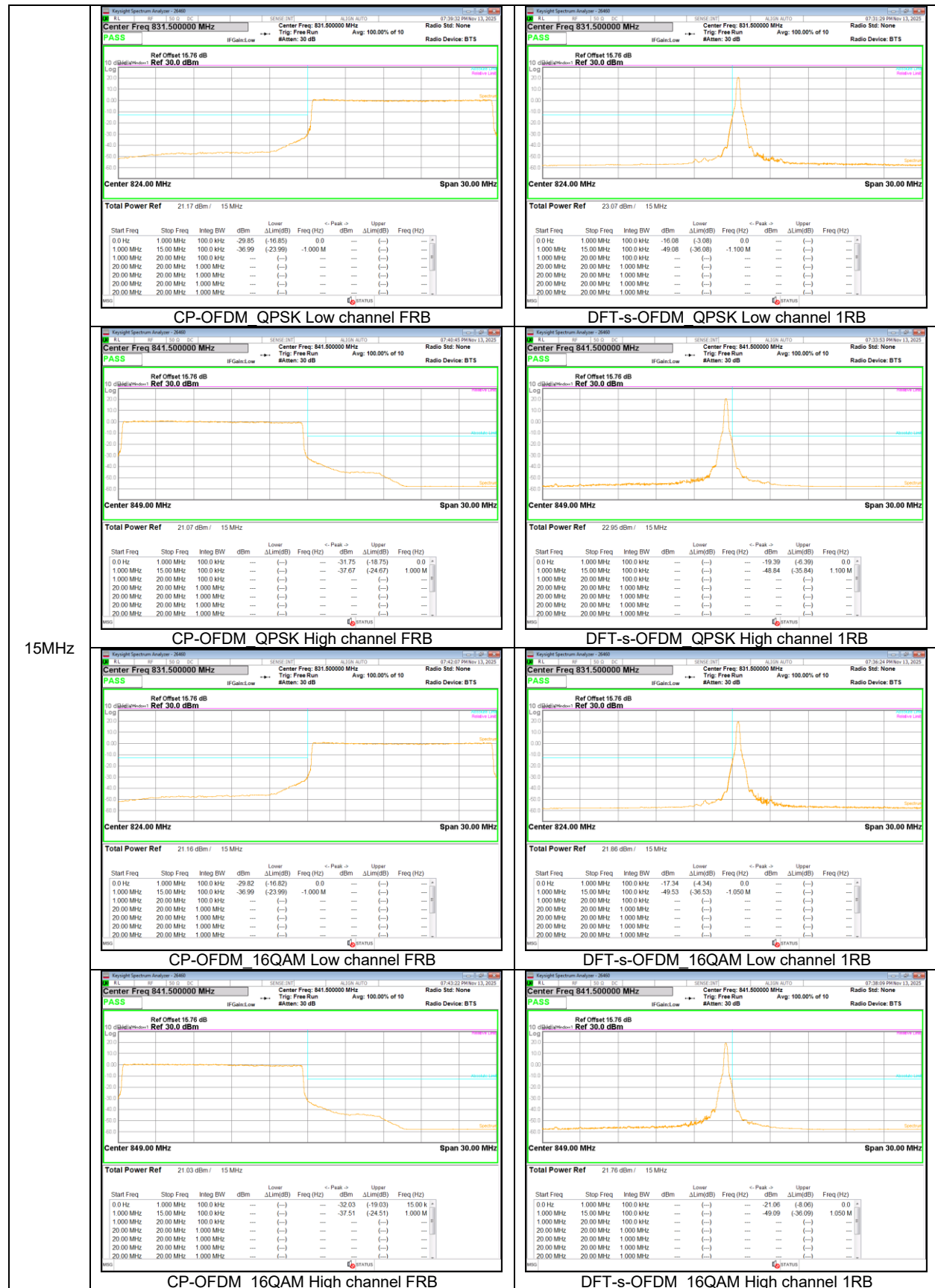


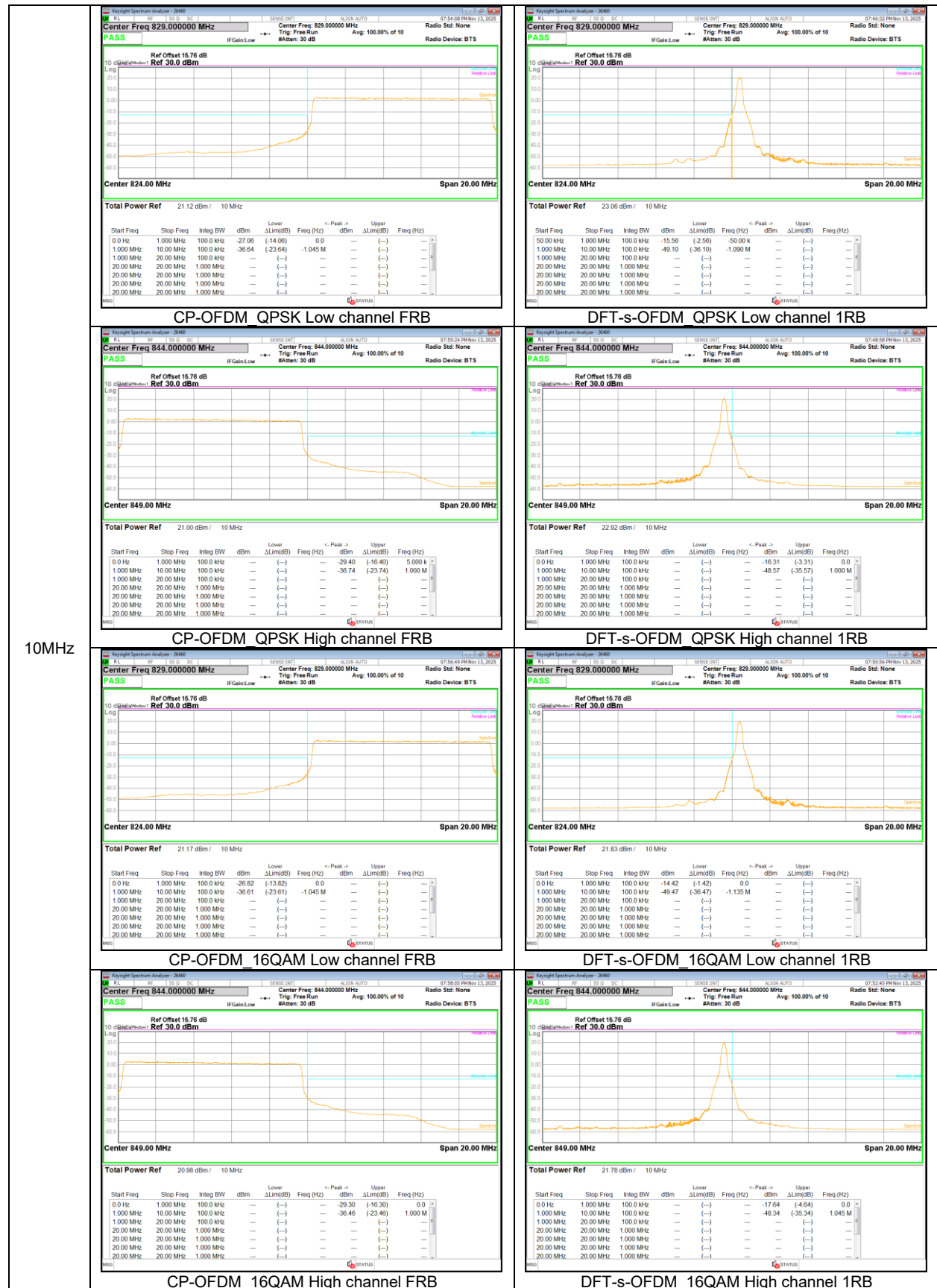


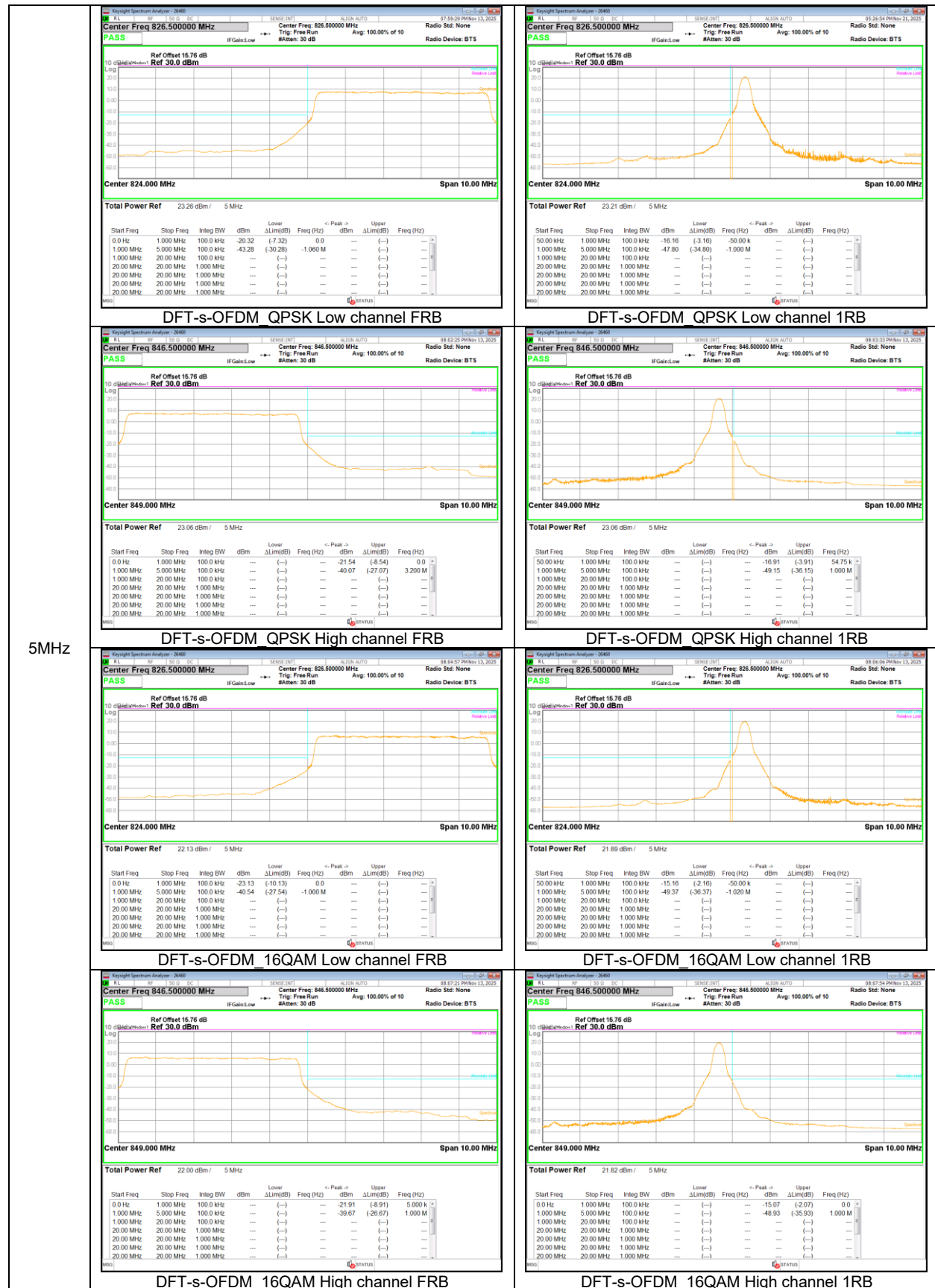


NR Band n26 (Part 22) (ANT E)



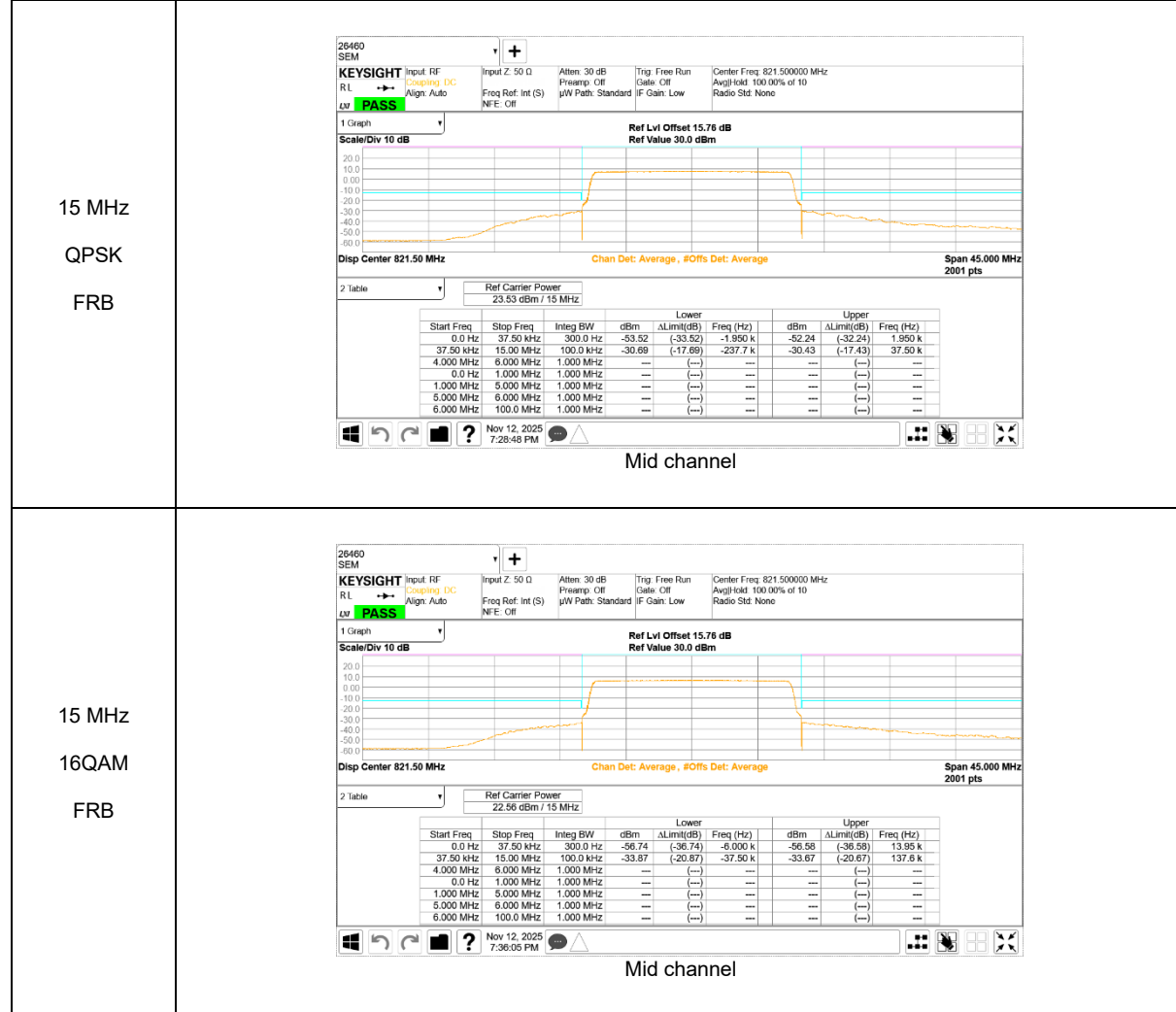




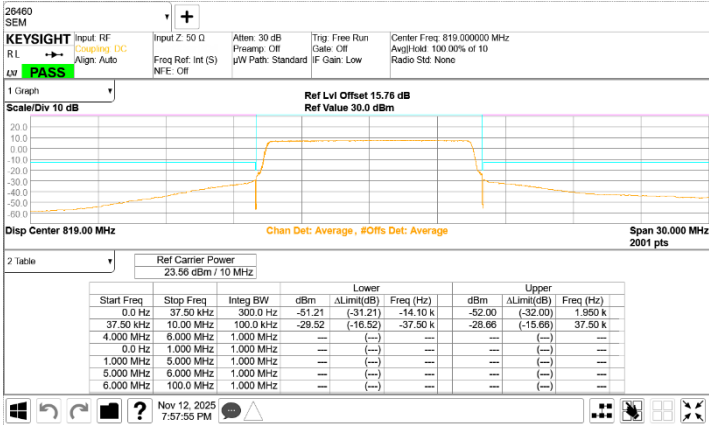


8.4.2. EMISSION MASK RESULT

LTE Band 26 (Part 90) Full RB (ANT E)



10 MHz
QPSK
FRB



26460 SEM

KEYSIGHT Input: RF Coupling: DC Align: Auto

RL

LM **PASS**

Input Z: 50 Ω

Attenu: 30 dB

Preamp: Off

Trig: Free Run

Center Freq: 819.000000 MHz

Ref Lvl Offset 15.76 dB

Ref Value 30.0 dBm

Scale/Div 10 dB

Chan Det: Average, #Ofs Det: Average

Span 30.000 MHz

2001 pts

Disp Center 819.00 MHz

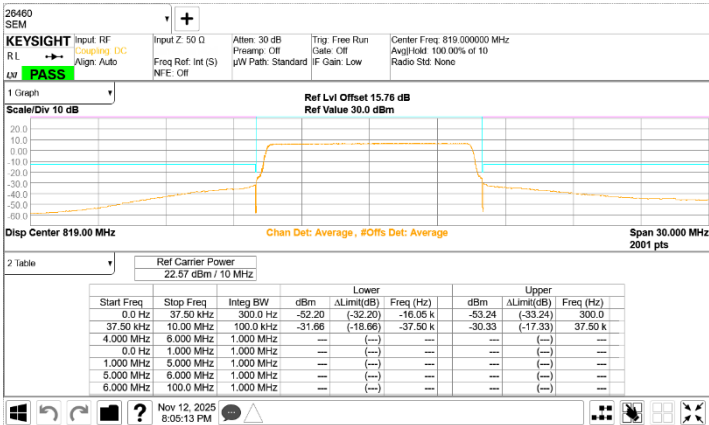
2 Table

Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
0.0 Hz	37.50 kHz	300.0 Hz	-51.21	(-31.21)	-14.10 k	-52.00	(-32.00)	1.950 k
37.50 kHz	10.00 MHz	100.0 kHz	-29.52	(-16.52)	-37.50 k	-28.66	(-15.66)	37.50 k
4.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
0.0 Hz	1.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
1.000 MHz	5.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
5.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
6.000 MHz	100.0 MHz	1.000 MHz	---	(---)	---	---	(---)	---

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Mid channel

10 MHz
16QAM
FRB



26460 SEM

KEYSIGHT Input: RF Coupling: DC Align: Auto

RL

LM **PASS**

Input Z: 50 Ω

Attenu: 30 dB

Preamp: Off

Trig: Free Run

Center Freq: 819.000000 MHz

Ref Lvl Offset 15.76 dB

Ref Value 30.0 dBm

Scale/Div 10 dB

Chan Det: Average, #Ofs Det: Average

Span 30.000 MHz

2001 pts

Disp Center 819.00 MHz

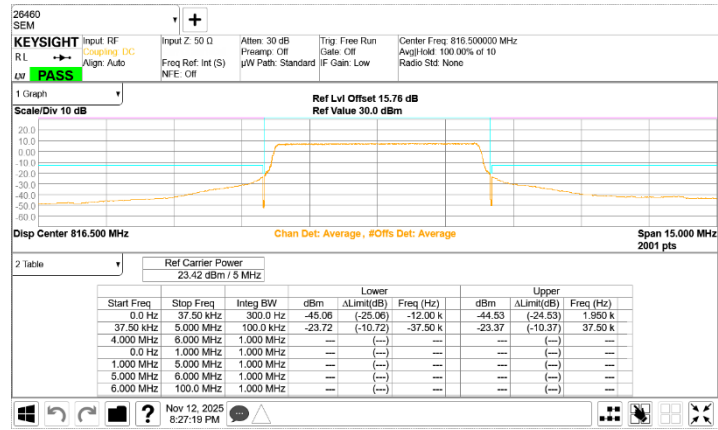
2 Table

Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
0.0 Hz	37.50 kHz	300.0 Hz	-52.20	(-32.20)	-16.06 k	-53.24	(-33.24)	300.0
37.50 kHz	10.00 MHz	100.0 kHz	-31.66	(-16.66)	-37.50 k	-30.33	(-17.33)	37.50 k
4.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
0.0 Hz	1.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
1.000 MHz	5.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
5.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
6.000 MHz	100.0 MHz	1.000 MHz	---	(---)	---	---	(---)	---

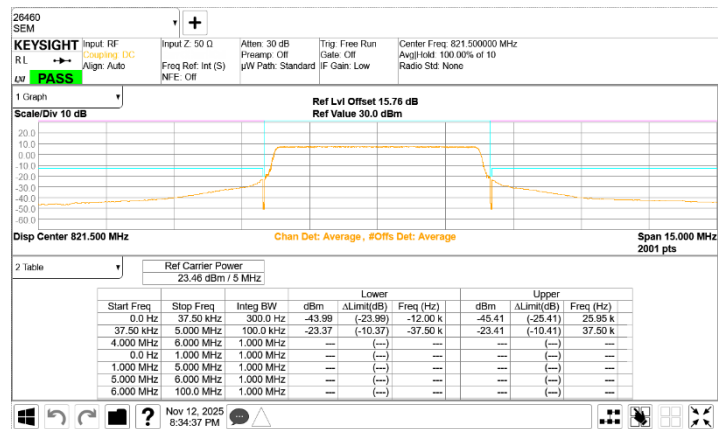
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Mid channel

5 MHz
QPSK
FRB

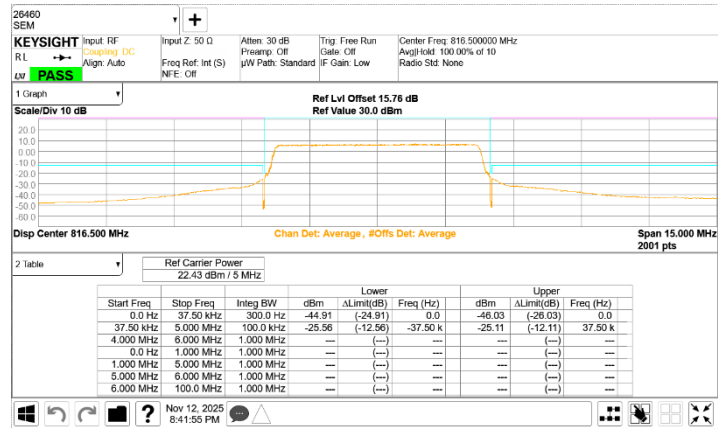


Low channel

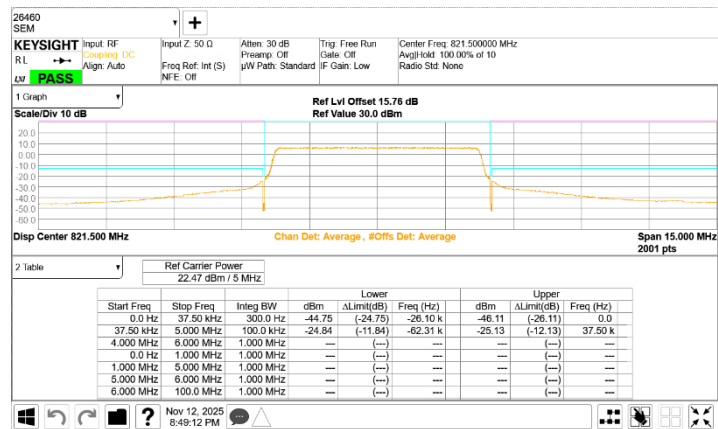


High channel

5 MHz
16QAM
FRB

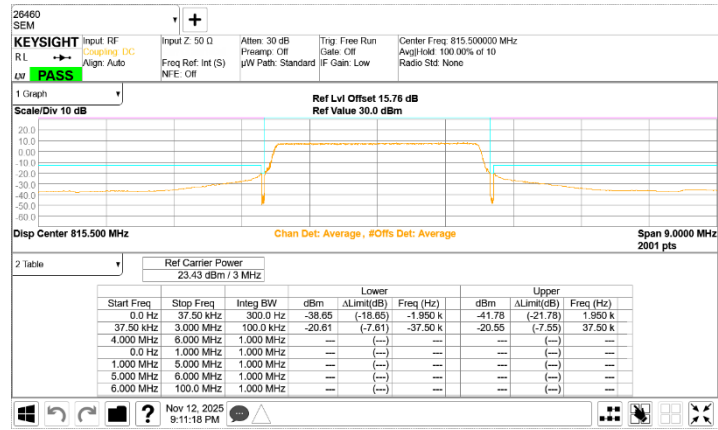


Low channel

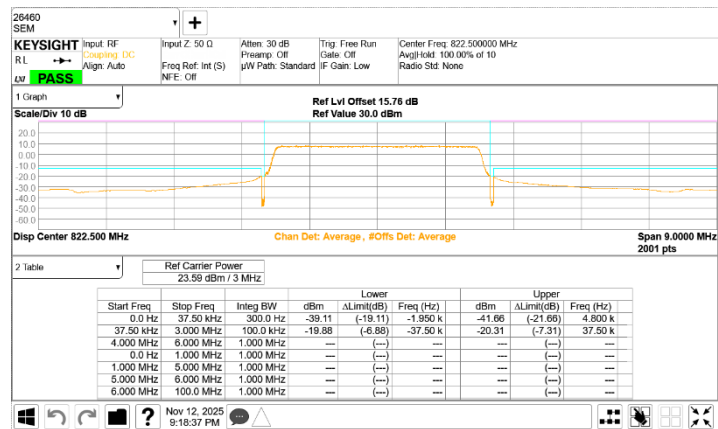


High channel

3 MHz
QPSK
FRB

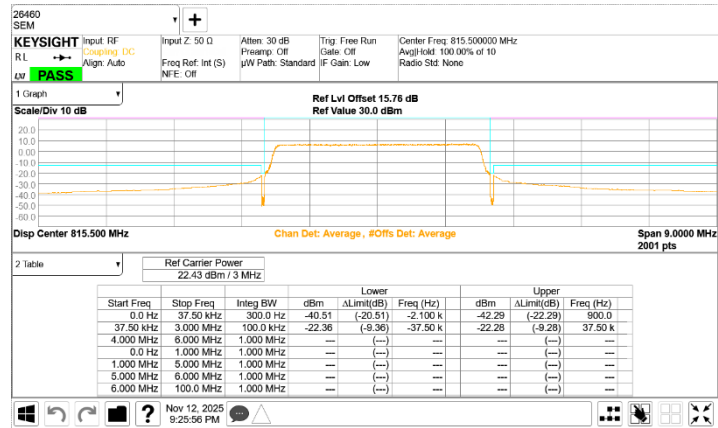


Low channel

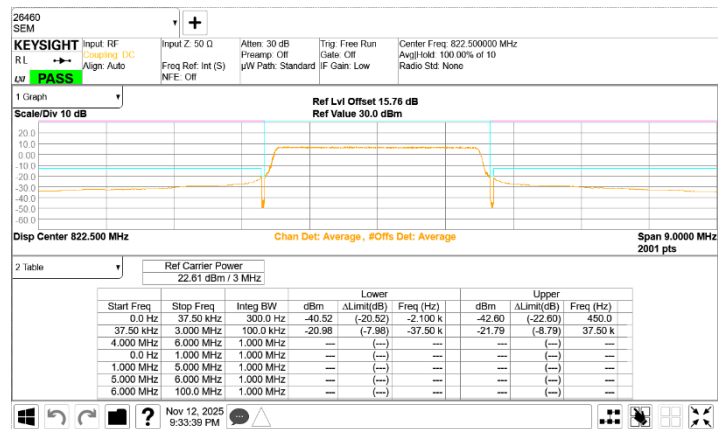


High channel

3 MHz
16QAM
FRB

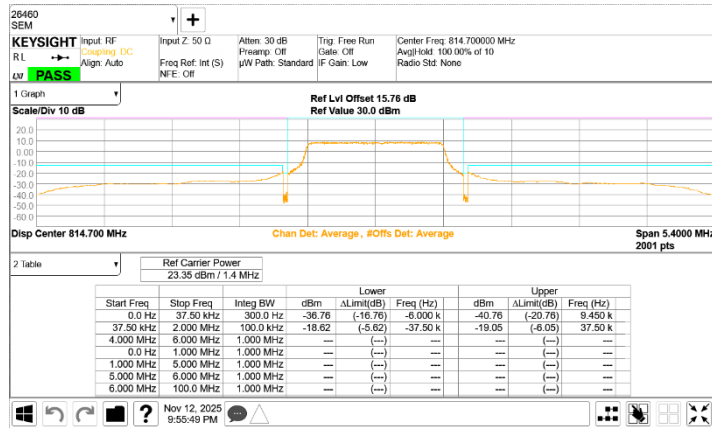


Low channel

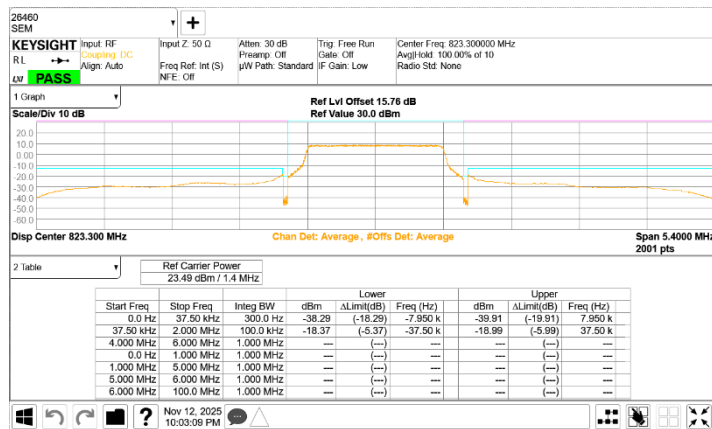


High channel

1.4 MHz
QPSK
FRB

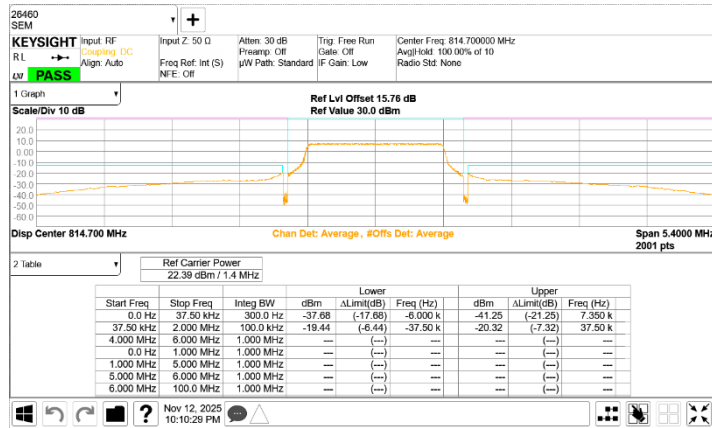


Low channel

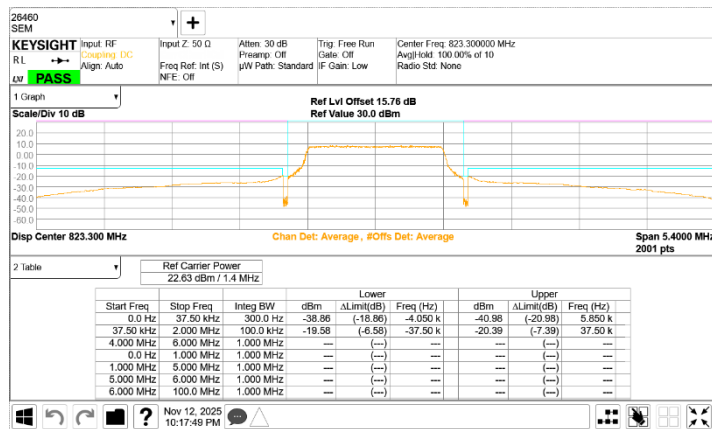


High channel

1.4 MHz
16QAM
FRB

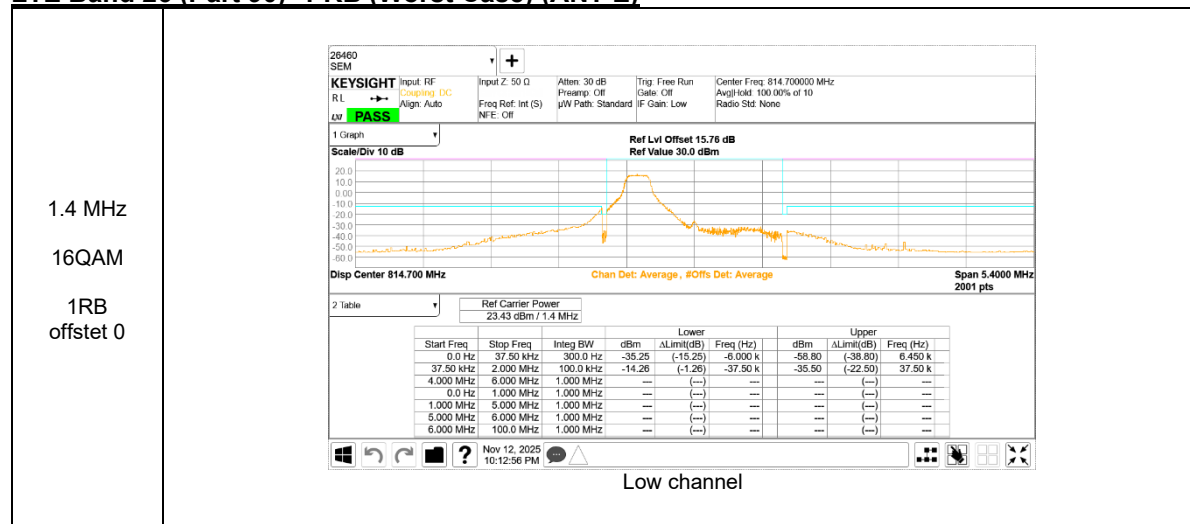


Low channel

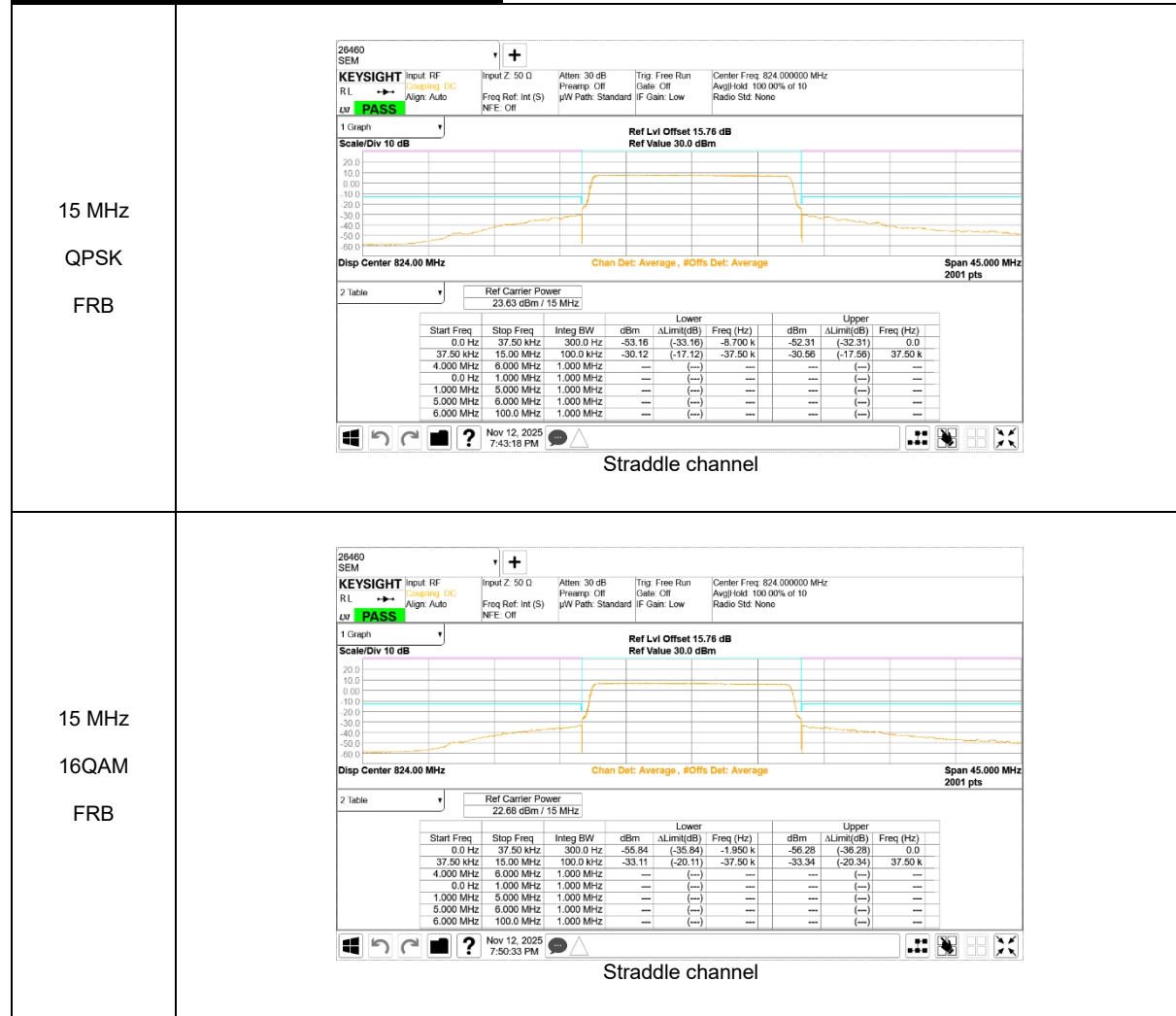


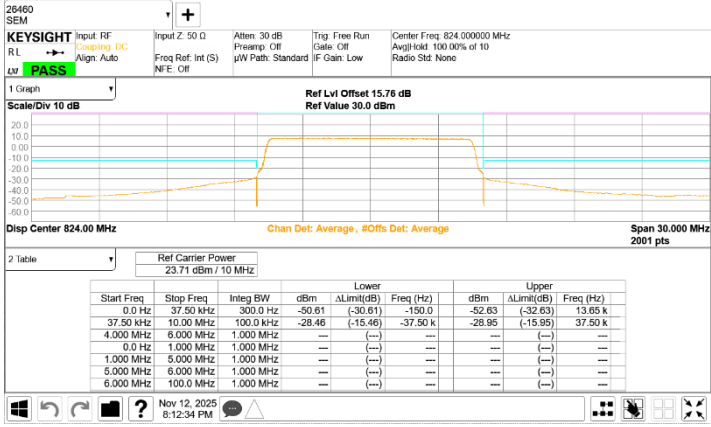
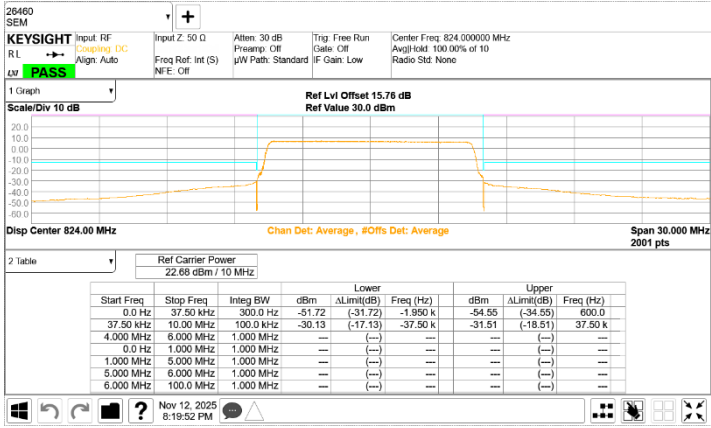
High channel

LTE Band 26 (Part 90) 1 RB (Worst Case) (ANT E)



LTE Band 26 (Straddle) Full RB (ANT E)



10 MHz QPSK FRB	 Straddle channel
10 MHz 16QAM FRB	 Straddle channel

5 MHz
QPSK
FRB

26460 SEM

KEYSIGHT Input RF Input Z: 50 Ω Atten: 30 dB Trig: Free Run Center Freq: 824.000000 MHz
RL Coaxing DC Align: Auto Freq Ref: Int (S) Preamp: Off Gate: Off Avg/Ltld: 100.00% of 10
LM PASS NFE: Off μW Path: Standard IF Gain: Low Radio Std: None

1 Graph

Scale/Div 10 dB

Ref Lvl Offset 15.76 dB
Ref Value 30.0 dBm

Disp Center 824.000 MHz Chan Det: Average, #Ofs Det: Average Span 15.000 MHz
2001 pts

2 Table

Ref Carrier Power								
23.67 dBm / 5 MHz								
			Lower			Upper		
Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
0.0 Hz	37.50 kHz	300.0 Hz	-43.26	(-23.26)	-26.10 k	-45.41	(-25.41)	10.05 k
37.50 kHz	5.000 MHz	100.0 kHz	-22.08	(-8.08)	-37.50 k	-23.66	(-10.66)	37.50 k
4.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
0.0 Hz	1.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
1.000 MHz	5.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
5.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
6.000 MHz	100.0 MHz	1.000 MHz	---	(---)	---	---	(---)	---

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Straddle channel

5 MHz
16QAM
FRB

26460 SEM

KEYSIGHT Input RF Input Z: 50 Ω Atten: 30 dB Trig: Free Run Center Freq: 824.000000 MHz
RL Coaxing DC Align: Auto Freq Ref: Int (S) Preamp: Off Gate: Off Avg/Ltld: 100.00% of 10
LM PASS NFE: Off μW Path: Standard IF Gain: Low Radio Std: None

1 Graph

Scale/Div 10 dB

Ref Lvl Offset 15.76 dB
Ref Value 30.0 dBm

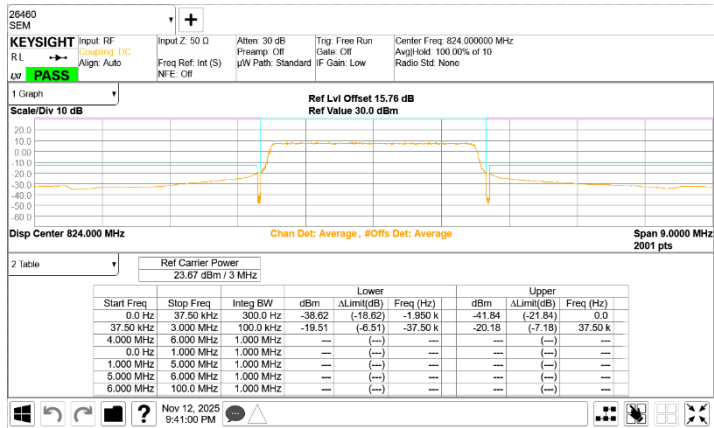
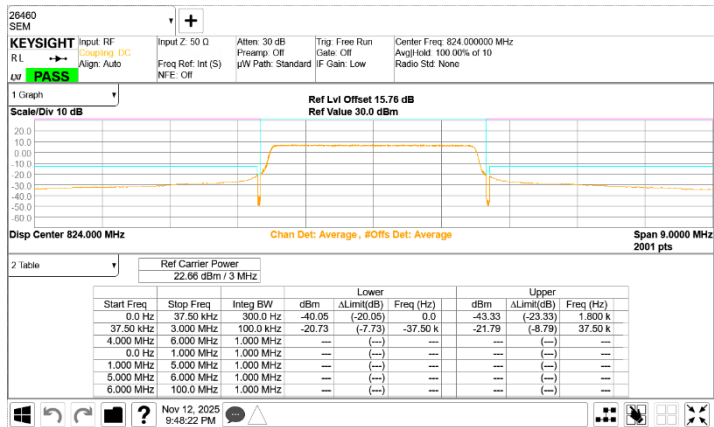
Disp Center 824.000 MHz Chan Det: Average, #Ofs Det: Average Span 15.000 MHz
2001 pts

2 Table

Ref Carrier Power								
22.66 dBm / 5 MHz								
			Lower			Upper		
Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)
0.0 Hz	37.50 kHz	300.0 Hz	-44.89	(-24.89)	-13.95 k	-46.22	(-26.22)	1.950 k
37.50 kHz	5.000 MHz	100.0 kHz	-24.44	(-11.44)	-37.50 k	-25.56	(-12.56)	37.50 k
4.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
0.0 Hz	1.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
1.000 MHz	5.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
5.000 MHz	6.000 MHz	1.000 MHz	---	(---)	---	---	(---)	---
6.000 MHz	100.0 MHz	1.000 MHz	---	(---)	---	---	(---)	---

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Straddle channel

3 MHz QPSK FRB	 Straddle channel
3 MHz 16QAM FRB	 Straddle channel