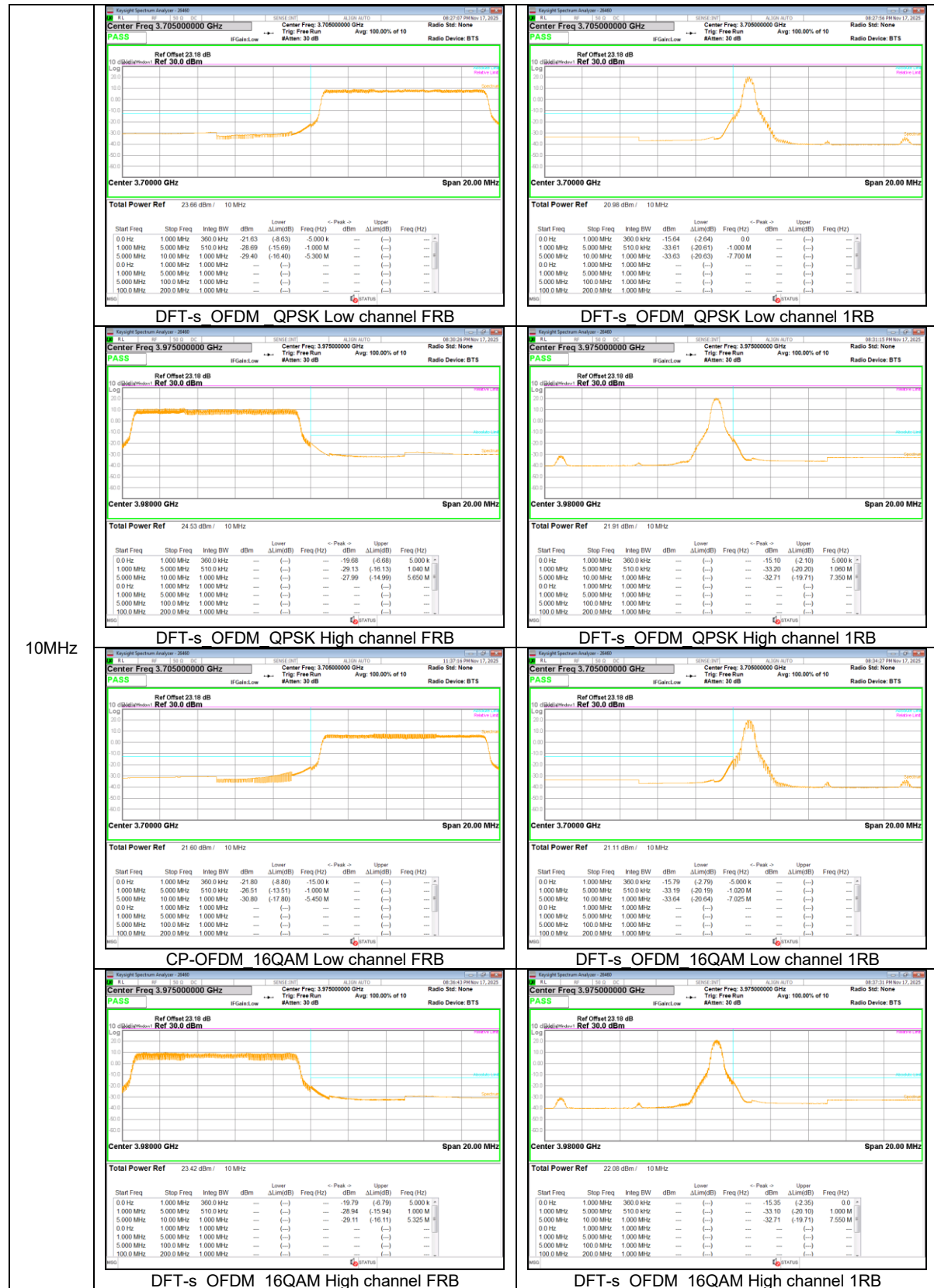
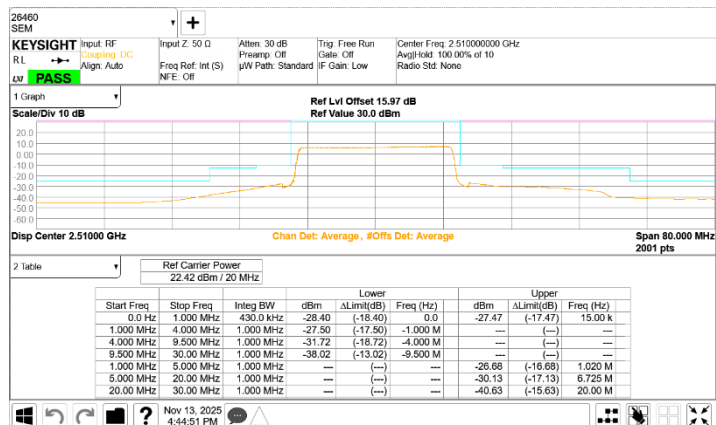




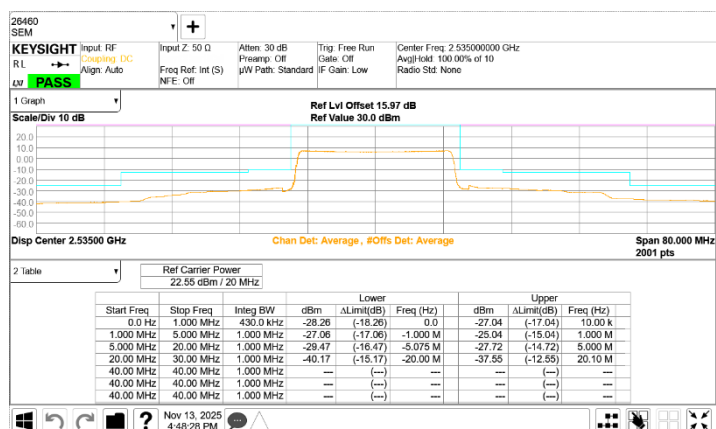
8.4.2. EMISSION MASK RESULT

LTE Band 7 (ANT F)

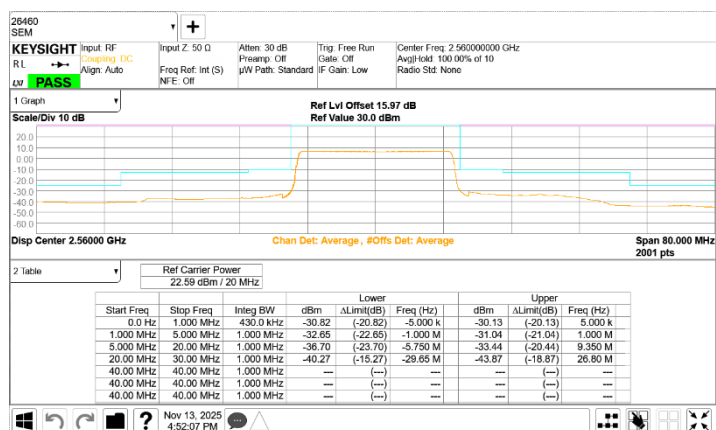
20 MHz
QPSK
FRB



Low channel



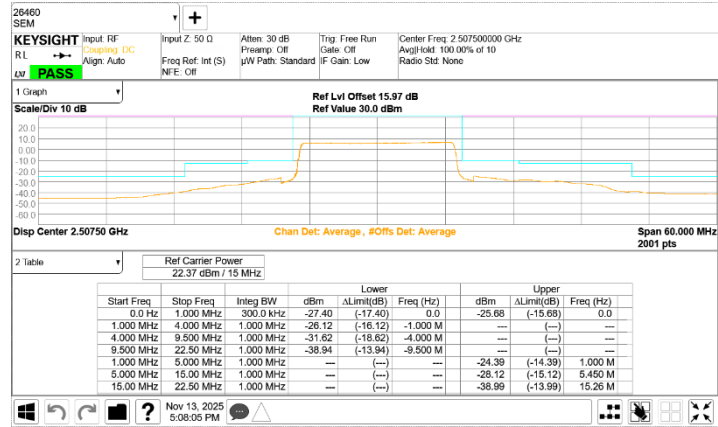
Mid channel



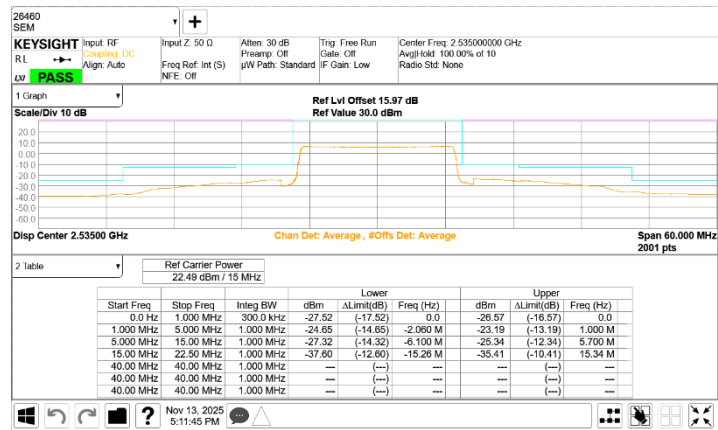
High channel



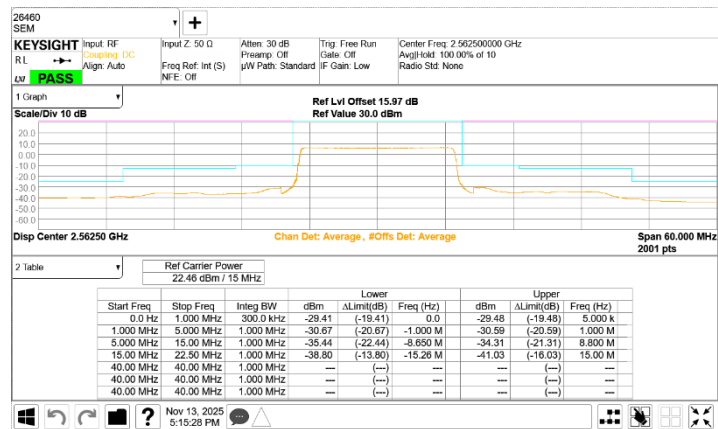
15 MHz
QPSK
FRB



Low channel



Mid channel



High channel



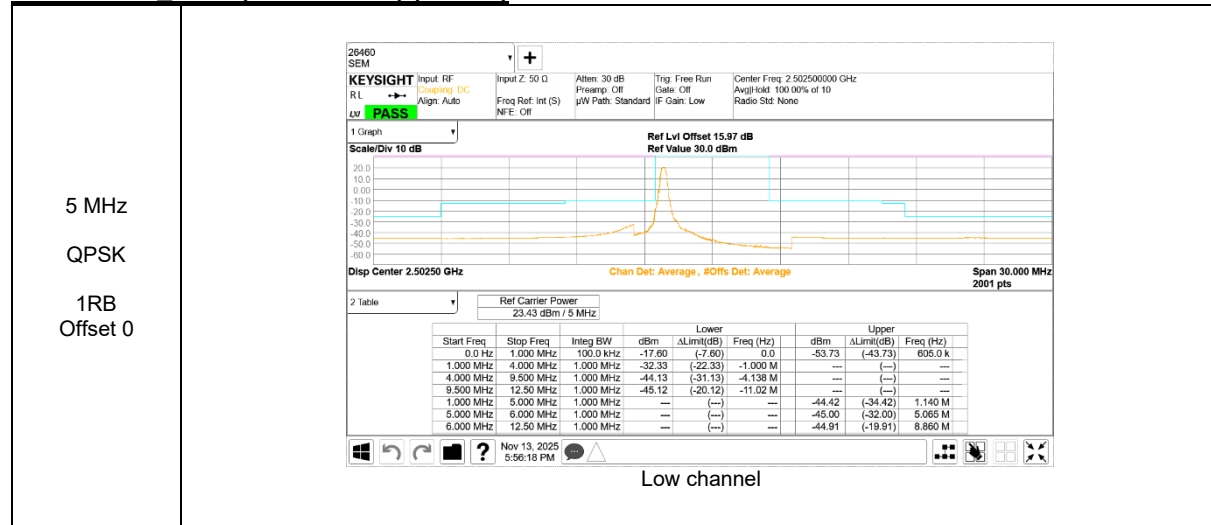




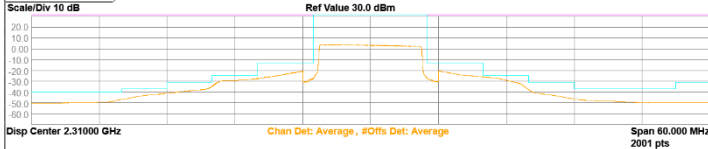
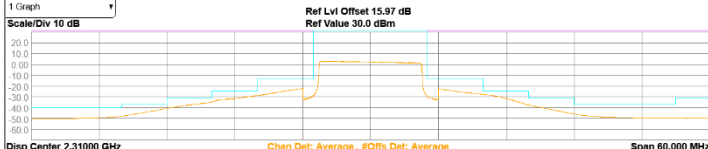




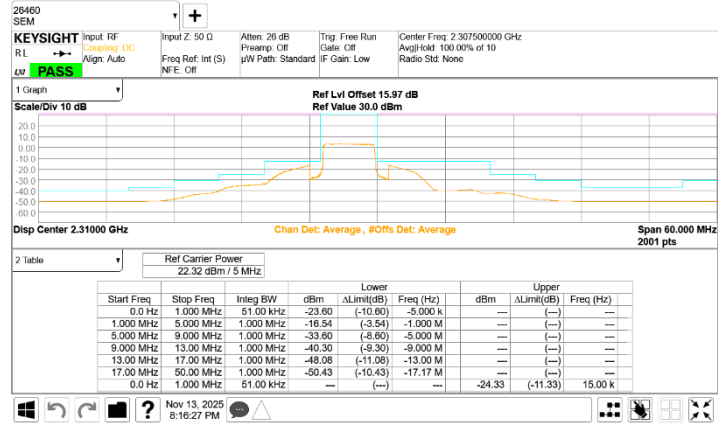
LTE Band 7 1 RB (Worst Case) (ANT F)



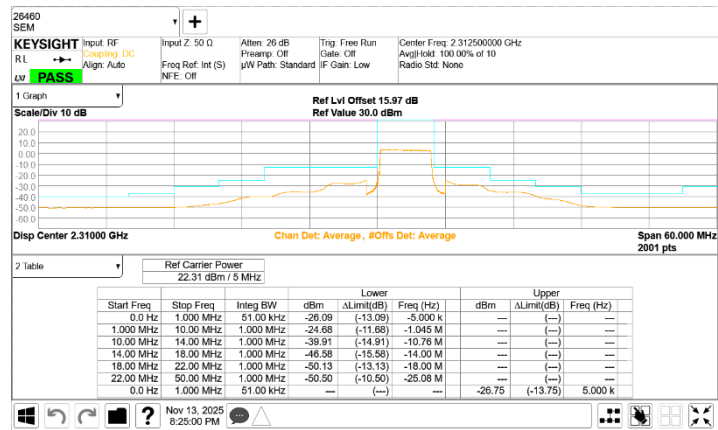
LTE Band 30 (ANT F)

10 MHz QPSK FRB	26460 SEM KEYSIGHT Input RF R.L. Coagging DC Align: Auto LM PASS Input Z: 50 Ω Freq Ref: Int (S) NFE: Off Atten: 26 dB Preamp: Off μW Path: Standard Trig: Free Run Gate: Off IF Gain: Low Center Freq: 2.31000000 GHz Avg/Ltld: 100.00% of 10 Radio Std: None 1 Graph Scale/Div 10 dB Ref Lvl Offset 15.97 dB Ref Value 30.0 dBm  Chan Det: Average, #Ofs Det: Average Span 60.000 MHz 2001 pts 2 Table Ref Carrier Power 22.39 dBm / 10 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>ΔLimit(dB)</th><th>Freq (Hz)</th><th>dBm</th><th>ΔLimit(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-26.77</td><td>(-13.77)</td><td>-10.00 k</td><td>-27.40</td><td>(-14.40)</td><td>0.0</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>-20.74</td><td>(-7.74)</td><td>-1.000 M</td><td>-20.55</td><td>(-7.55)</td><td>1.040 M</td></tr><tr><td>5.000 MHz</td><td>9.000 MHz</td><td>1.000 MHz</td><td>-27.61</td><td>(-2.61)</td><td>-5.000 M</td><td>-26.04</td><td>(-1.04)</td><td>5.040 M</td></tr><tr><td>9.000 MHz</td><td>13.00 MHz</td><td>1.000 MHz</td><td>-34.79</td><td>(-3.79)</td><td>-9.000 M</td><td>-37.97</td><td>(-6.97)</td><td>9.000 M</td></tr><tr><td>13.00 MHz</td><td>22.00 MHz</td><td>1.000 MHz</td><td>-41.36</td><td>(-4.36)</td><td>-13.00 M</td><td>-46.62</td><td>(-9.62)</td><td>13.00 M</td></tr><tr><td>17.00 MHz</td><td>30.00 MHz</td><td>1.000 MHz</td><td>-47.03</td><td>(-7.03)</td><td>-17.00 M</td><td>---</td><td>(--)</td><td>---</td></tr><tr><td>22.00 MHz</td><td>26.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(--)</td><td>---</td><td>-49.85</td><td>(-18.85)</td><td>22.04 M</td></tr></table> Dec 01, 2025 8:49:23 AM Mid channel	Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)	0.0 Hz	1.000 MHz	100.0 kHz	-26.77	(-13.77)	-10.00 k	-27.40	(-14.40)	0.0	1.000 MHz	5.000 MHz	1.000 MHz	-20.74	(-7.74)	-1.000 M	-20.55	(-7.55)	1.040 M	5.000 MHz	9.000 MHz	1.000 MHz	-27.61	(-2.61)	-5.000 M	-26.04	(-1.04)	5.040 M	9.000 MHz	13.00 MHz	1.000 MHz	-34.79	(-3.79)	-9.000 M	-37.97	(-6.97)	9.000 M	13.00 MHz	22.00 MHz	1.000 MHz	-41.36	(-4.36)	-13.00 M	-46.62	(-9.62)	13.00 M	17.00 MHz	30.00 MHz	1.000 MHz	-47.03	(-7.03)	-17.00 M	---	(--)	---	22.00 MHz	26.00 MHz	1.000 MHz	---	(--)	---	-49.85	(-18.85)	22.04 M
Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)																																																																	
0.0 Hz	1.000 MHz	100.0 kHz	-26.77	(-13.77)	-10.00 k	-27.40	(-14.40)	0.0																																																																	
1.000 MHz	5.000 MHz	1.000 MHz	-20.74	(-7.74)	-1.000 M	-20.55	(-7.55)	1.040 M																																																																	
5.000 MHz	9.000 MHz	1.000 MHz	-27.61	(-2.61)	-5.000 M	-26.04	(-1.04)	5.040 M																																																																	
9.000 MHz	13.00 MHz	1.000 MHz	-34.79	(-3.79)	-9.000 M	-37.97	(-6.97)	9.000 M																																																																	
13.00 MHz	22.00 MHz	1.000 MHz	-41.36	(-4.36)	-13.00 M	-46.62	(-9.62)	13.00 M																																																																	
17.00 MHz	30.00 MHz	1.000 MHz	-47.03	(-7.03)	-17.00 M	---	(--)	---																																																																	
22.00 MHz	26.00 MHz	1.000 MHz	---	(--)	---	-49.85	(-18.85)	22.04 M																																																																	
10 MHz 16QAM FRB	26460 SEM KEYSIGHT Input RF R.L. Coagging DC Align: Auto LM PASS Input Z: 50 Ω Freq Ref: Int (S) NFE: Off Atten: 26 dB Preamp: Off μW Path: Standard Trig: Free Run Gate: Off IF Gain: Low Center Freq: 2.31000000 GHz Avg/Ltld: 100.00% of 10 Radio Std: None 1 Graph Scale/Div 10 dB Ref Lvl Offset 15.97 dB Ref Value 30.0 dBm  Chan Det: Average, #Ofs Det: Average Span 60.000 MHz 2001 pts 2 Table Ref Carrier Power 21.46 dBm / 10 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>ΔLimit(dB)</th><th>Freq (Hz)</th><th>dBm</th><th>ΔLimit(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-28.60</td><td>(-16.60)</td><td>-5.000 k</td><td>-29.60</td><td>(-16.60)</td><td>5.000 k</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>-22.32</td><td>(-8.32)</td><td>-1.000 M</td><td>-22.90</td><td>(-8.90)</td><td>1.000 M</td></tr><tr><td>5.000 MHz</td><td>9.000 MHz</td><td>1.000 MHz</td><td>-28.84</td><td>(-3.84)</td><td>-5.000 M</td><td>-27.86</td><td>(-2.86)</td><td>5.000 M</td></tr><tr><td>9.000 MHz</td><td>13.00 MHz</td><td>1.000 MHz</td><td>-34.83</td><td>(-3.83)</td><td>-9.000 M</td><td>-37.74</td><td>(-6.74)</td><td>9.000 M</td></tr><tr><td>13.00 MHz</td><td>22.00 MHz</td><td>1.000 MHz</td><td>-40.94</td><td>(-3.94)</td><td>-13.00 M</td><td>-46.14</td><td>(-9.14)</td><td>13.00 M</td></tr><tr><td>17.00 MHz</td><td>30.00 MHz</td><td>1.000 MHz</td><td>-48.05</td><td>(-8.05)</td><td>-17.00 M</td><td>---</td><td>(--)</td><td>---</td></tr><tr><td>22.00 MHz</td><td>26.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(--)</td><td>---</td><td>-50.01</td><td>(-19.01)</td><td>22.00 M</td></tr></table> Dec 01, 2025 8:54:34 AM Mid channel	Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)	0.0 Hz	1.000 MHz	100.0 kHz	-28.60	(-16.60)	-5.000 k	-29.60	(-16.60)	5.000 k	1.000 MHz	5.000 MHz	1.000 MHz	-22.32	(-8.32)	-1.000 M	-22.90	(-8.90)	1.000 M	5.000 MHz	9.000 MHz	1.000 MHz	-28.84	(-3.84)	-5.000 M	-27.86	(-2.86)	5.000 M	9.000 MHz	13.00 MHz	1.000 MHz	-34.83	(-3.83)	-9.000 M	-37.74	(-6.74)	9.000 M	13.00 MHz	22.00 MHz	1.000 MHz	-40.94	(-3.94)	-13.00 M	-46.14	(-9.14)	13.00 M	17.00 MHz	30.00 MHz	1.000 MHz	-48.05	(-8.05)	-17.00 M	---	(--)	---	22.00 MHz	26.00 MHz	1.000 MHz	---	(--)	---	-50.01	(-19.01)	22.00 M
Start Freq	Stop Freq	Integ BW	dBm	ΔLimit(dB)	Freq (Hz)	dBm	ΔLimit(dB)	Freq (Hz)																																																																	
0.0 Hz	1.000 MHz	100.0 kHz	-28.60	(-16.60)	-5.000 k	-29.60	(-16.60)	5.000 k																																																																	
1.000 MHz	5.000 MHz	1.000 MHz	-22.32	(-8.32)	-1.000 M	-22.90	(-8.90)	1.000 M																																																																	
5.000 MHz	9.000 MHz	1.000 MHz	-28.84	(-3.84)	-5.000 M	-27.86	(-2.86)	5.000 M																																																																	
9.000 MHz	13.00 MHz	1.000 MHz	-34.83	(-3.83)	-9.000 M	-37.74	(-6.74)	9.000 M																																																																	
13.00 MHz	22.00 MHz	1.000 MHz	-40.94	(-3.94)	-13.00 M	-46.14	(-9.14)	13.00 M																																																																	
17.00 MHz	30.00 MHz	1.000 MHz	-48.05	(-8.05)	-17.00 M	---	(--)	---																																																																	
22.00 MHz	26.00 MHz	1.000 MHz	---	(--)	---	-50.01	(-19.01)	22.00 M																																																																	

5 MHz
QPSK
FRB

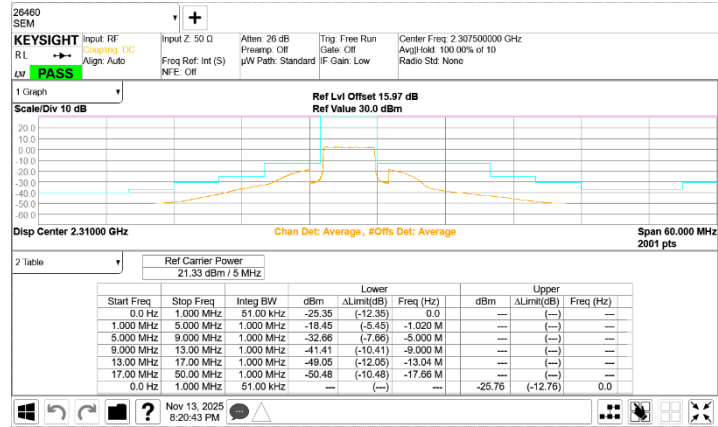


Low channel

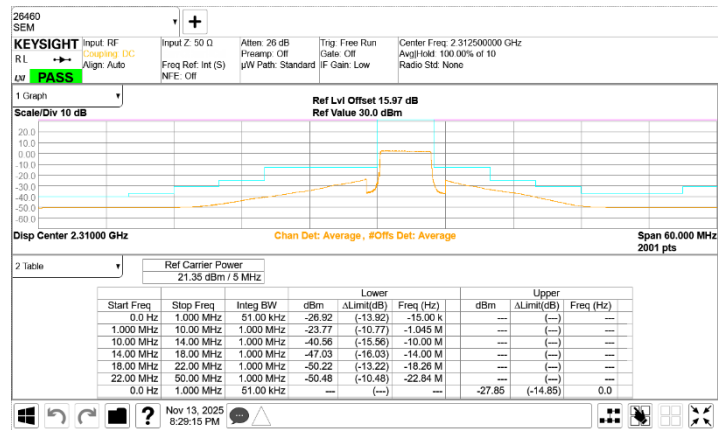


High channel

5 MHz
16QAM
FRB

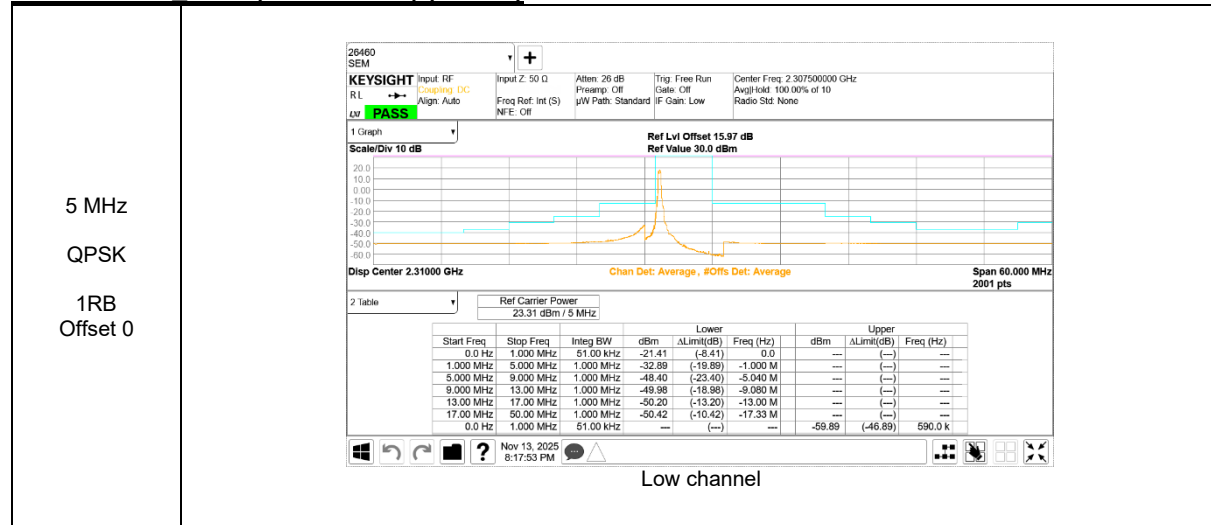


Low channel



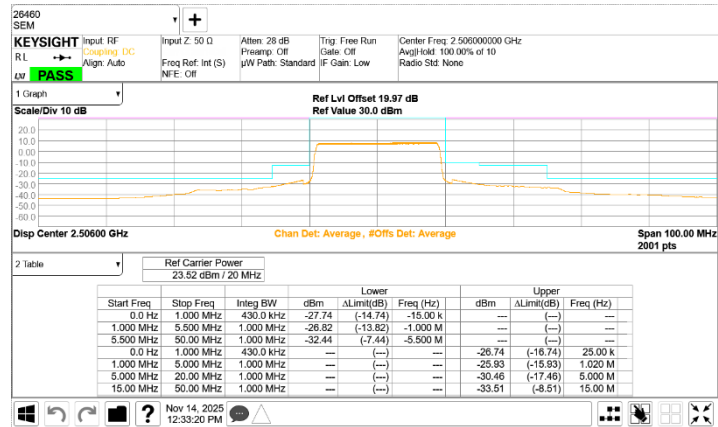
High channel

LTE Band 30 1 RB (Worst Case) (ANT F)

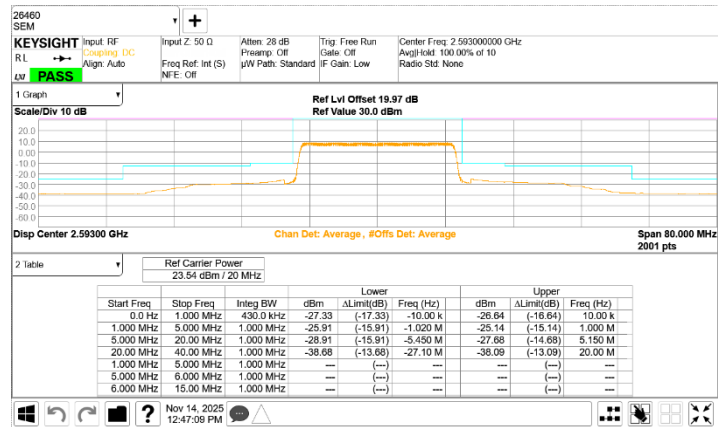


LTE Band 41 (PC3) (ANT F)

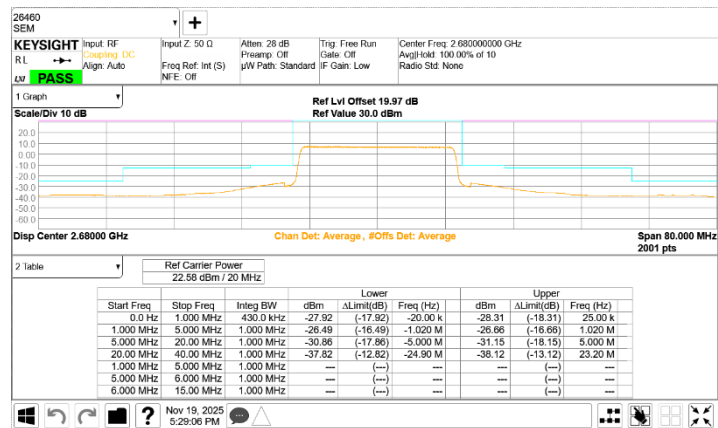
20 MHz
QPSK
FRB



Low channel

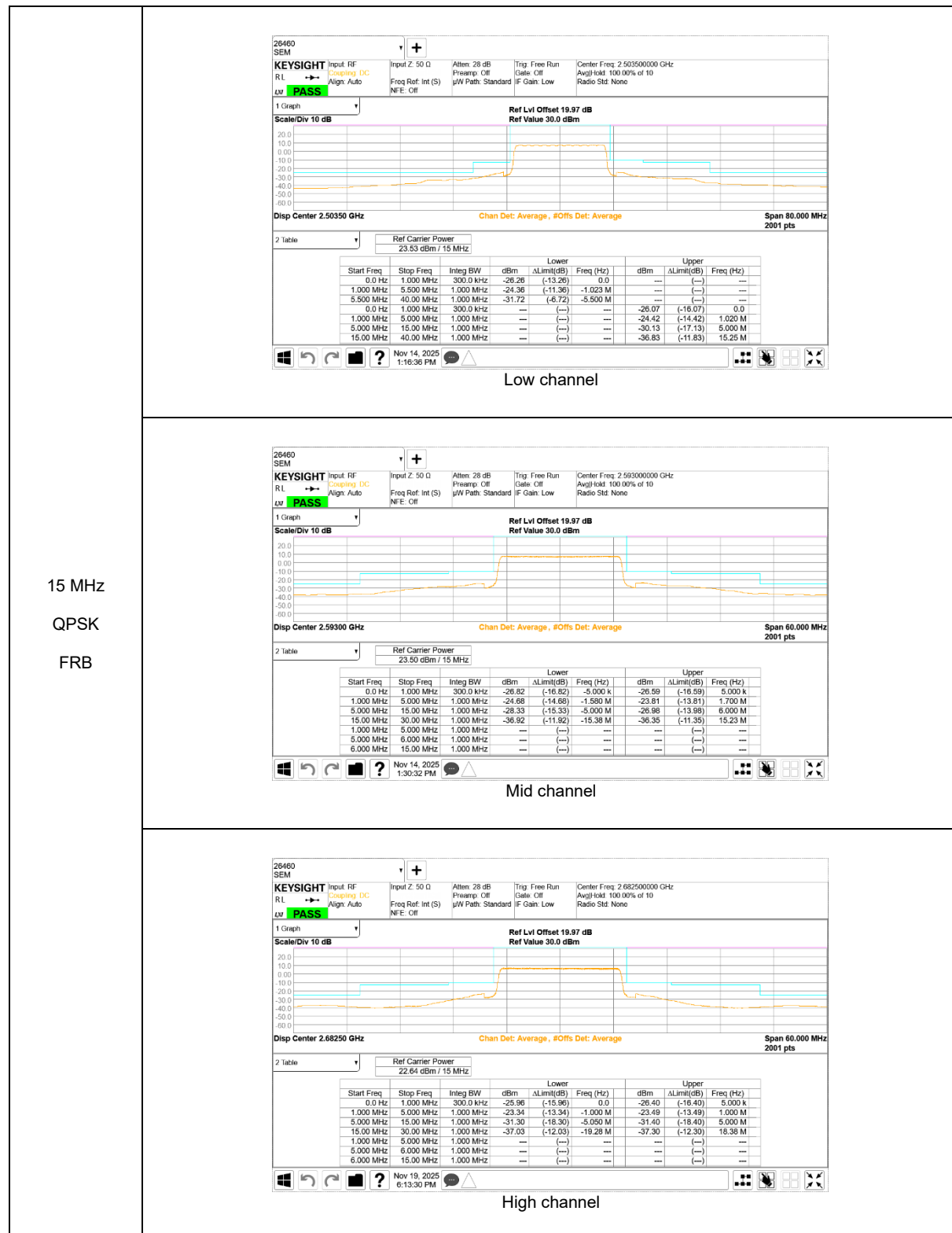


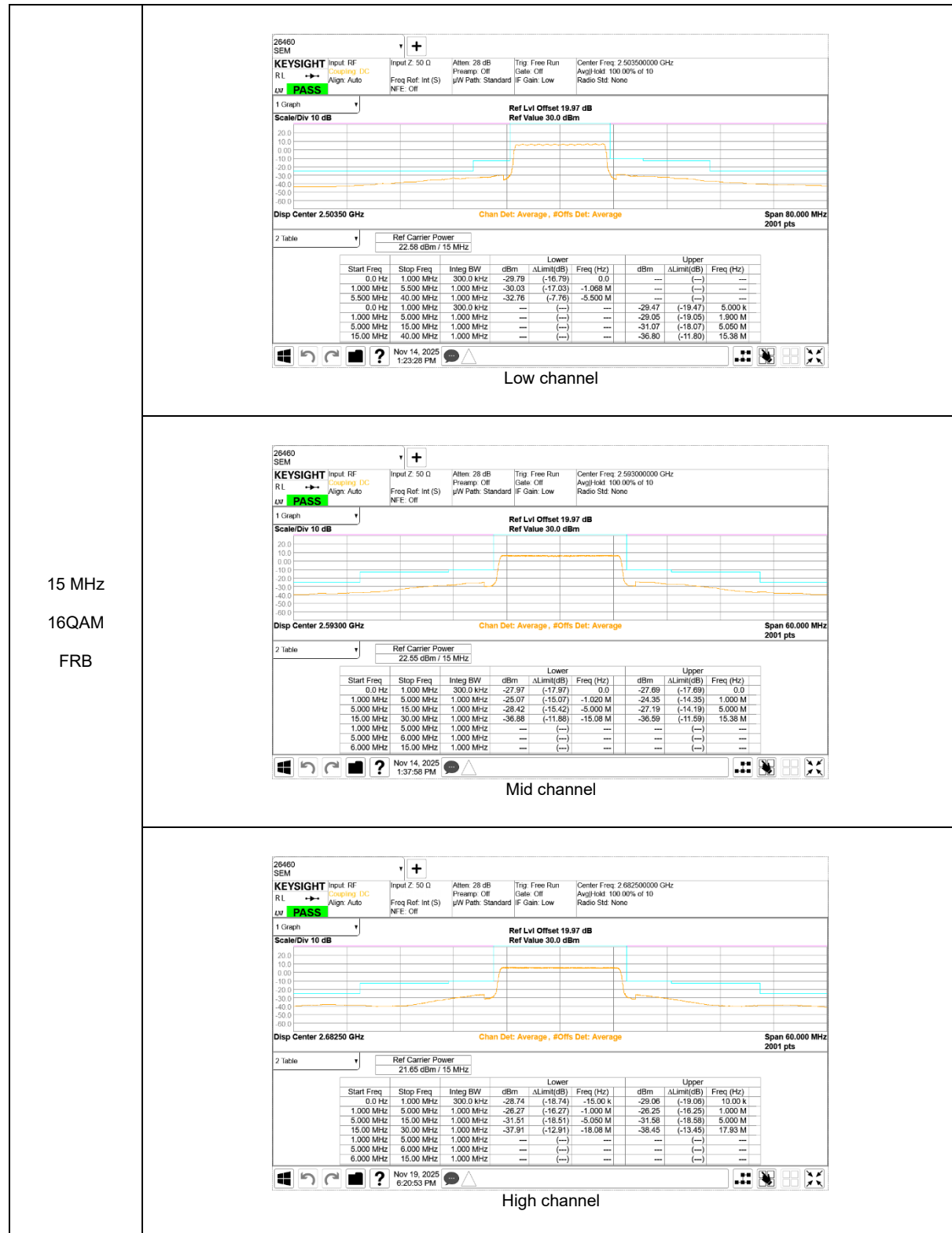
Mid channel



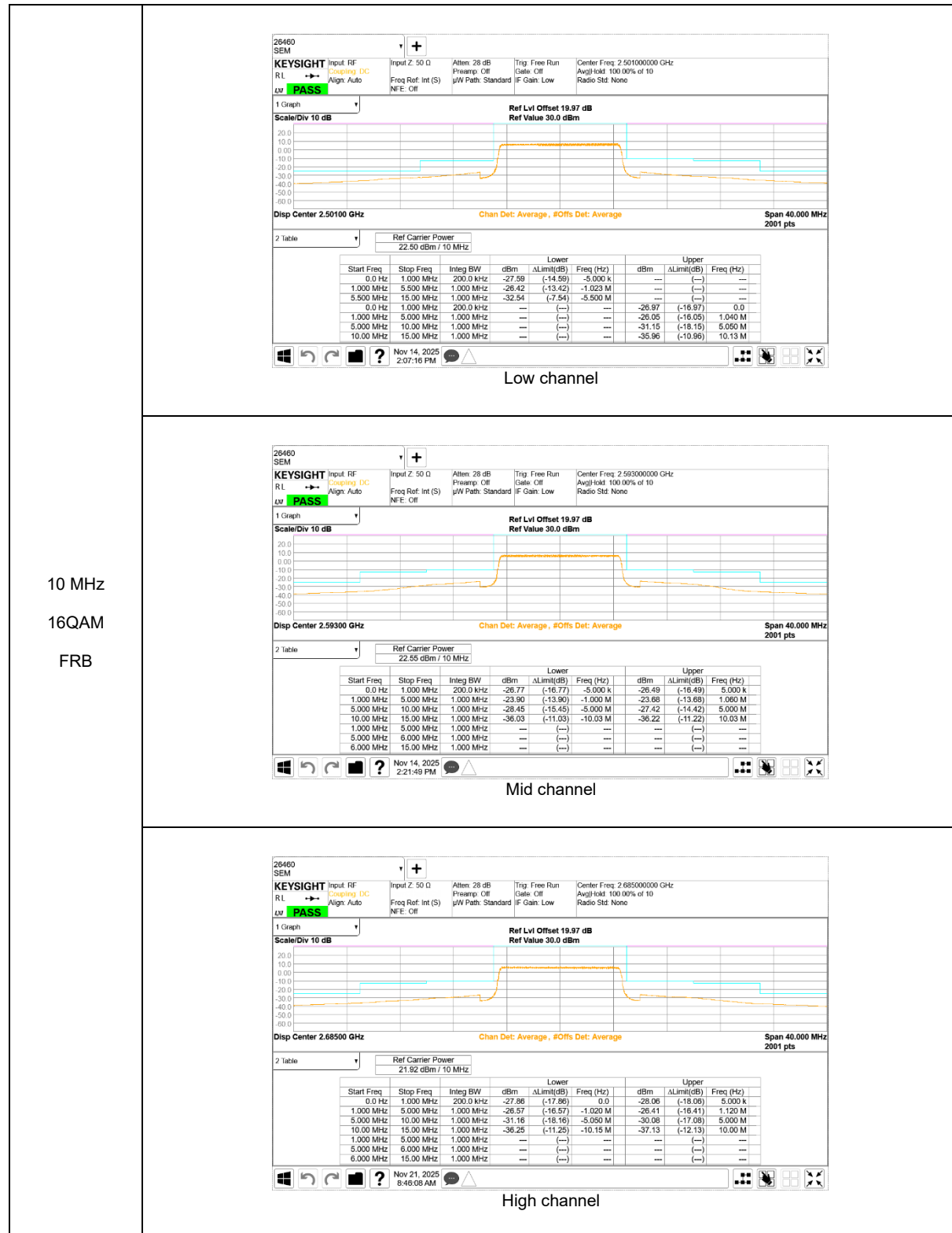
High channel















LTE Band 41 (PC3) 1 RB (Worst Case) (ANT E)

