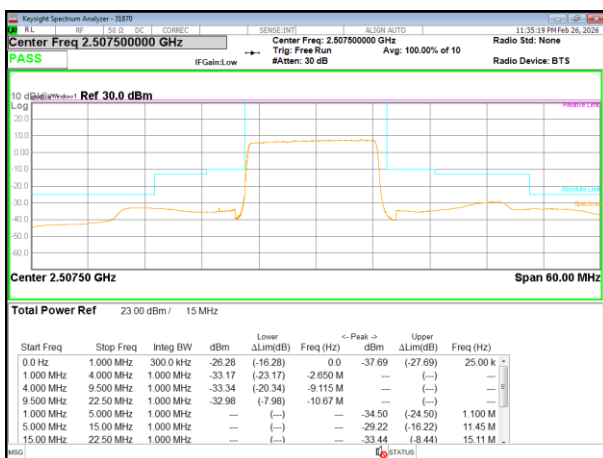




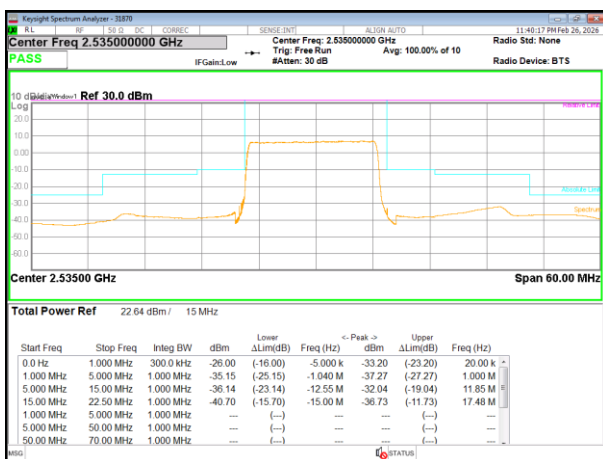




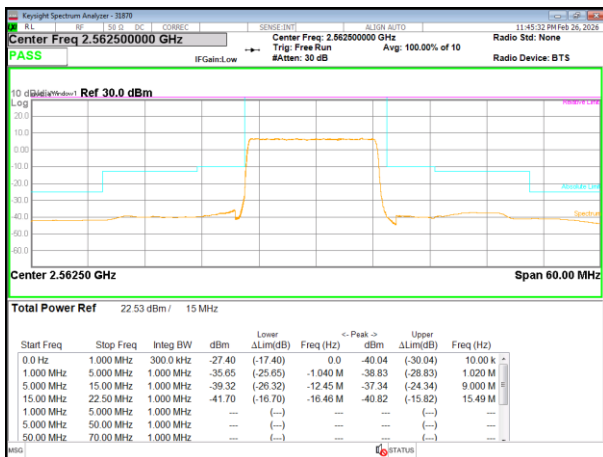
15 MHz
QPSK
FRB



Low channel



Mid channel



High channel







Center Freq 2.50250000 GHz

Span 30.00 MHz

Total Power Ref 23.06 dBm / 5 MHz

Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-23.52	(-13.52)	0.0	-21.26	(-11.26)	0.0
1.000 MHz	4.000 MHz	1.000 MHz	-27.44	(-17.44)	-1.000 M	(-)	(-)	(-)
4.000 MHz	9.500 MHz	1.000 MHz	-36.95	(-26.95)	-7.713 M	(-)	(-)	(-)
9.500 MHz	12.50 MHz	1.000 MHz	-40.89	(-15.89)	-9.515 M	(-)	(-)	(-)
1.000 MHz	5.000 MHz	1.000 MHz	(-)	(-)	-26.36	(-16.36)	1.000 M	
5.000 MHz	6.000 MHz	1.000 MHz	(-)	(-)	-32.93	(-19.93)	5.980 M	
6.000 MHz	12.50 MHz	1.000 MHz	(-)	(-)	-33.02	(-18.02)	6.455 M	

Low channel

Center Freq 2.53500000 GHz

Span 30.00 MHz

Total Power Ref 22.68 dBm / 5 MHz

Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-23.61	(-13.61)	0.0	-21.87	(-11.87)	5.000 k
1.000 MHz	5.000 MHz	1.000 MHz	-29.14	(-19.14)	-1.040 M	-27.12	(-17.12)	1.040 M
5.000 MHz	6.000 MHz	1.000 MHz	-39.28	(-29.28)	-5.935 M	-31.83	(-18.83)	5.865 M
6.000 MHz	12.50 MHz	1.000 MHz	-38.73	(-13.73)	-7.723 M	-35.45	(-10.45)	6.228 M
1.000 MHz	5.000 MHz	1.000 MHz	(-)	(-)	(-)	(-)	(-)	(-)
5.000 MHz	50.00 MHz	1.000 MHz	(-)	(-)	(-)	(-)	(-)	(-)
50.00 MHz	70.00 MHz	1.000 MHz	(-)	(-)	(-)	(-)	(-)	(-)

Mid channel

Center Freq 2.56750000 GHz

Span 30.00 MHz

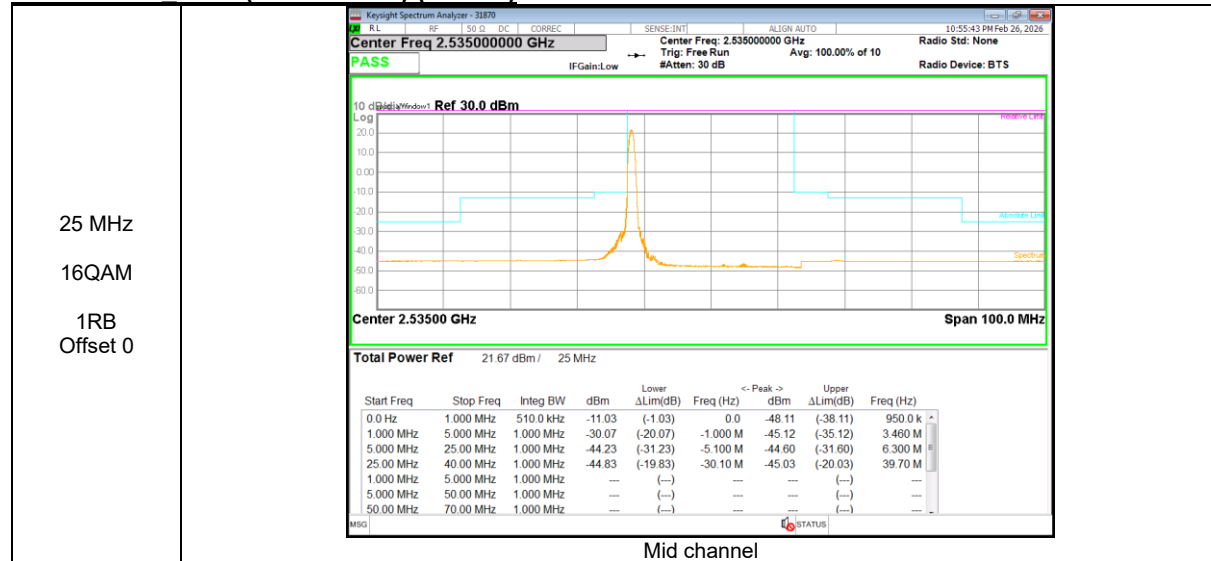
Total Power Ref 22.54 dBm / 5 MHz

Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-23.48	(-13.48)	0.0	-21.84	(-11.84)	0.0
1.000 MHz	5.000 MHz	1.000 MHz	-29.90	(-19.90)	-1.000 M	-28.32	(-18.32)	1.020 M
5.000 MHz	6.000 MHz	1.000 MHz	-38.50	(-28.50)	-5.930 M	-36.67	(-23.67)	5.880 M
6.000 MHz	12.50 MHz	1.000 MHz	-38.15	(-13.15)	-7.333 M	-36.84	(-11.84)	6.000 M
1.000 MHz	5.000 MHz	1.000 MHz	(-)	(-)	(-)	(-)	(-)	(-)
5.000 MHz	50.00 MHz	1.000 MHz	(-)	(-)	(-)	(-)	(-)	(-)
50.00 MHz	70.00 MHz	1.000 MHz	(-)	(-)	(-)	(-)	(-)	(-)

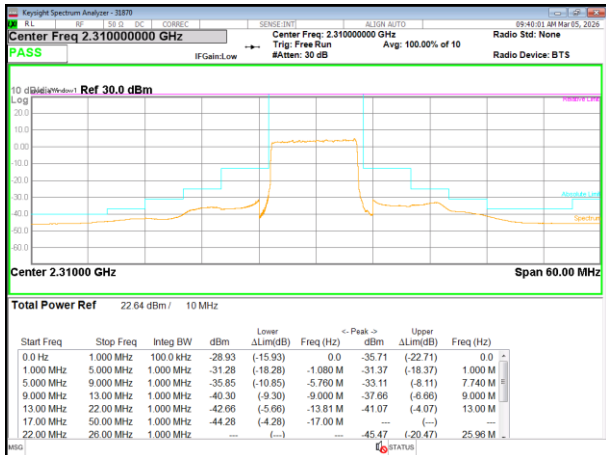
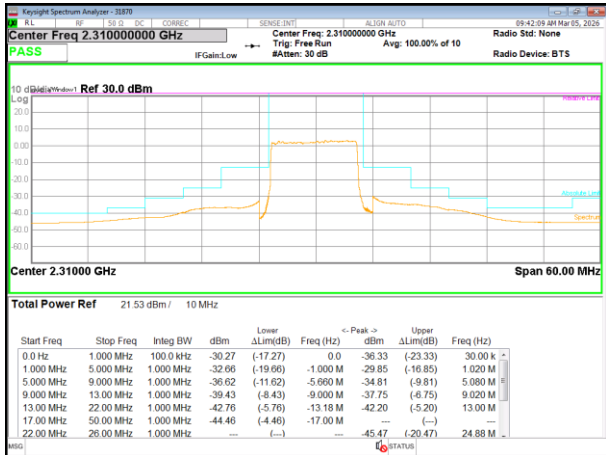
High channel



NR Band n7 1 RB (Worst Case) (ANT B)



NR Band n30 (ANT B)

NR Band n30 (ANT B)	 Center Freq 2.31000000 GHz Center Freq: 2.31000000 GHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS IF Gain: Low IF Atten: 30 dB Ref 30.0 dBm Span 60.00 MHz Center 2.31000 GHz Total Power Ref 22.64 dBm / 10 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak ΔLim(dB)</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-28.93</td><td>(-15.93)</td><td>0.0</td><td>-35.71</td><td>(-22.71)</td><td>0.0</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>-31.28</td><td>(-18.28)</td><td>-1.080 M</td><td>-31.37</td><td>(-18.37)</td><td>1.000 M</td></tr><tr><td>5.000 MHz</td><td>9.000 MHz</td><td>1.000 MHz</td><td>-35.85</td><td>(-10.85)</td><td>-5.760 M</td><td>-33.11</td><td>(-8.11)</td><td>7.740 M</td></tr><tr><td>9.000 MHz</td><td>13.000 MHz</td><td>1.000 MHz</td><td>-40.30</td><td>(-9.30)</td><td>-9.000 M</td><td>-37.66</td><td>(-6.66)</td><td>9.000 M</td></tr><tr><td>13.000 MHz</td><td>22.000 MHz</td><td>1.000 MHz</td><td>-42.66</td><td>(-5.66)</td><td>-13.81 M</td><td>-41.07</td><td>(-4.07)</td><td>13.000 M</td></tr><tr><td>17.000 MHz</td><td>50.000 MHz</td><td>1.000 MHz</td><td>-44.28</td><td>(-4.28)</td><td>-17.00 M</td><td>---</td><td>(-)</td><td>---</td></tr><tr><td>22.000 MHz</td><td>26.000 MHz</td><td>1.000 MHz</td><td>---</td><td>(-)</td><td>---</td><td>-45.47</td><td>(-20.47)</td><td>25.96 M</td></tr></table> Mid channel	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	1.000 MHz	100.0 kHz	-28.93	(-15.93)	0.0	-35.71	(-22.71)	0.0	1.000 MHz	5.000 MHz	1.000 MHz	-31.28	(-18.28)	-1.080 M	-31.37	(-18.37)	1.000 M	5.000 MHz	9.000 MHz	1.000 MHz	-35.85	(-10.85)	-5.760 M	-33.11	(-8.11)	7.740 M	9.000 MHz	13.000 MHz	1.000 MHz	-40.30	(-9.30)	-9.000 M	-37.66	(-6.66)	9.000 M	13.000 MHz	22.000 MHz	1.000 MHz	-42.66	(-5.66)	-13.81 M	-41.07	(-4.07)	13.000 M	17.000 MHz	50.000 MHz	1.000 MHz	-44.28	(-4.28)	-17.00 M	---	(-)	---	22.000 MHz	26.000 MHz	1.000 MHz	---	(-)	---	-45.47	(-20.47)	25.96 M
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																																	
0.0 Hz	1.000 MHz	100.0 kHz	-28.93	(-15.93)	0.0	-35.71	(-22.71)	0.0																																																																	
1.000 MHz	5.000 MHz	1.000 MHz	-31.28	(-18.28)	-1.080 M	-31.37	(-18.37)	1.000 M																																																																	
5.000 MHz	9.000 MHz	1.000 MHz	-35.85	(-10.85)	-5.760 M	-33.11	(-8.11)	7.740 M																																																																	
9.000 MHz	13.000 MHz	1.000 MHz	-40.30	(-9.30)	-9.000 M	-37.66	(-6.66)	9.000 M																																																																	
13.000 MHz	22.000 MHz	1.000 MHz	-42.66	(-5.66)	-13.81 M	-41.07	(-4.07)	13.000 M																																																																	
17.000 MHz	50.000 MHz	1.000 MHz	-44.28	(-4.28)	-17.00 M	---	(-)	---																																																																	
22.000 MHz	26.000 MHz	1.000 MHz	---	(-)	---	-45.47	(-20.47)	25.96 M																																																																	
NR Band n30 (ANT B)	 Center Freq 2.31000000 GHz Center Freq: 2.31000000 GHz Trig: Free Run Avg: 100.00% of 10 Radio Std: None Radio Device: BTS IF Gain: Low IF Atten: 30 dB Ref 30.0 dBm Span 60.00 MHz Center 2.31000 GHz Total Power Ref 21.53 dBm / 10 MHz <table><tr><th>Start Freq</th><th>Stop Freq</th><th>Integ BW</th><th>dBm</th><th>Lower ΔLim(dB)</th><th>Freq (Hz)</th><th>Peak ΔLim(dB)</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-30.27</td><td>(-17.27)</td><td>0.0</td><td>-36.33</td><td>(-23.33)</td><td>30.00 k</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>-32.66</td><td>(-19.66)</td><td>-1.000 M</td><td>-29.85</td><td>(-16.85)</td><td>1.020 M</td></tr><tr><td>5.000 MHz</td><td>9.000 MHz</td><td>1.000 MHz</td><td>-36.62</td><td>(-11.62)</td><td>-5.660 M</td><td>-34.81</td><td>(-9.81)</td><td>5.080 M</td></tr><tr><td>9.000 MHz</td><td>13.000 MHz</td><td>1.000 MHz</td><td>-39.43</td><td>(-8.43)</td><td>-9.000 M</td><td>-37.75</td><td>(-6.75)</td><td>9.020 M</td></tr><tr><td>13.000 MHz</td><td>22.000 MHz</td><td>1.000 MHz</td><td>-42.76</td><td>(-5.76)</td><td>-13.18 M</td><td>-42.20</td><td>(-5.20)</td><td>13.00 M</td></tr><tr><td>17.000 MHz</td><td>50.000 MHz</td><td>1.000 MHz</td><td>-44.46</td><td>(-4.46)</td><td>-17.00 M</td><td>---</td><td>(-)</td><td>---</td></tr><tr><td>22.000 MHz</td><td>26.000 MHz</td><td>1.000 MHz</td><td>---</td><td>(-)</td><td>---</td><td>-45.47</td><td>(-20.47)</td><td>24.88 M</td></tr></table> Mid channel	Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)	0.0 Hz	1.000 MHz	100.0 kHz	-30.27	(-17.27)	0.0	-36.33	(-23.33)	30.00 k	1.000 MHz	5.000 MHz	1.000 MHz	-32.66	(-19.66)	-1.000 M	-29.85	(-16.85)	1.020 M	5.000 MHz	9.000 MHz	1.000 MHz	-36.62	(-11.62)	-5.660 M	-34.81	(-9.81)	5.080 M	9.000 MHz	13.000 MHz	1.000 MHz	-39.43	(-8.43)	-9.000 M	-37.75	(-6.75)	9.020 M	13.000 MHz	22.000 MHz	1.000 MHz	-42.76	(-5.76)	-13.18 M	-42.20	(-5.20)	13.00 M	17.000 MHz	50.000 MHz	1.000 MHz	-44.46	(-4.46)	-17.00 M	---	(-)	---	22.000 MHz	26.000 MHz	1.000 MHz	---	(-)	---	-45.47	(-20.47)	24.88 M
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	Peak ΔLim(dB)	Upper ΔLim(dB)	Freq (Hz)																																																																	
0.0 Hz	1.000 MHz	100.0 kHz	-30.27	(-17.27)	0.0	-36.33	(-23.33)	30.00 k																																																																	
1.000 MHz	5.000 MHz	1.000 MHz	-32.66	(-19.66)	-1.000 M	-29.85	(-16.85)	1.020 M																																																																	
5.000 MHz	9.000 MHz	1.000 MHz	-36.62	(-11.62)	-5.660 M	-34.81	(-9.81)	5.080 M																																																																	
9.000 MHz	13.000 MHz	1.000 MHz	-39.43	(-8.43)	-9.000 M	-37.75	(-6.75)	9.020 M																																																																	
13.000 MHz	22.000 MHz	1.000 MHz	-42.76	(-5.76)	-13.18 M	-42.20	(-5.20)	13.00 M																																																																	
17.000 MHz	50.000 MHz	1.000 MHz	-44.46	(-4.46)	-17.00 M	---	(-)	---																																																																	
22.000 MHz	26.000 MHz	1.000 MHz	---	(-)	---	-45.47	(-20.47)	24.88 M																																																																	

5 MHz

QPSK

FRB

DFT-s_OFDM

Keysight Spectrum Analyzer - 33870

RL 150.0 DC CORREC SENSE [INT] ALIGN AUTO 05-04-27 PM Feb 26, 2025

Center Freq: 2.307500000 GHz Radio Std: None

PASS IF Gain: Low Trig: Free Run #Atten: 30 dB Avg: 100.00% of 10 Radio Device: BTS

10 dBm/Division Ref 30.0 dBm

Log

Center 2.31000 GHz Span 60.00 MHz

Total Power Ref 22.63 dBm / 5 MHz

Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	<- Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-22.34	(-9.34)	0.0	---	(---)	---
1.000 MHz	5.000 MHz	1.000 MHz	-30.51	(-17.51)	-1.000 M	---	(---)	---
5.000 MHz	9.000 MHz	1.000 MHz	-37.83	(-12.83)	-7.240 M	---	(---)	---
9.000 MHz	13.000 MHz	1.000 MHz	-41.48	(-10.48)	-9.000 M	---	(---)	---
13.000 MHz	17.000 MHz	1.000 MHz	-45.38	(-8.38)	-13.10 M	---	(---)	---
17.000 MHz	50.000 MHz	1.000 MHz	-45.73	(-5.73)	-17.00 M	---	(---)	---
0.0 Hz	1.000 MHz	100.0 kHz	---	(---)	---	-22.85	(-9.85)	0.0

MSO STATUS

Low channel

Keysight Spectrum Analyzer - 33870

RL 150.0 DC CORREC SENSE [INT] ALIGN AUTO 05-11-02 PM Feb 26, 2025

Center Freq: 2.312500000 GHz Radio Std: None

PASS IF Gain: Low Trig: Free Run #Atten: 30 dB Avg: 100.00% of 10 Radio Device: BTS

10 dBm/Division Ref 30.0 dBm

Log

Center 2.31000 GHz Span 60.00 MHz

Total Power Ref 22.69 dBm / 5 MHz

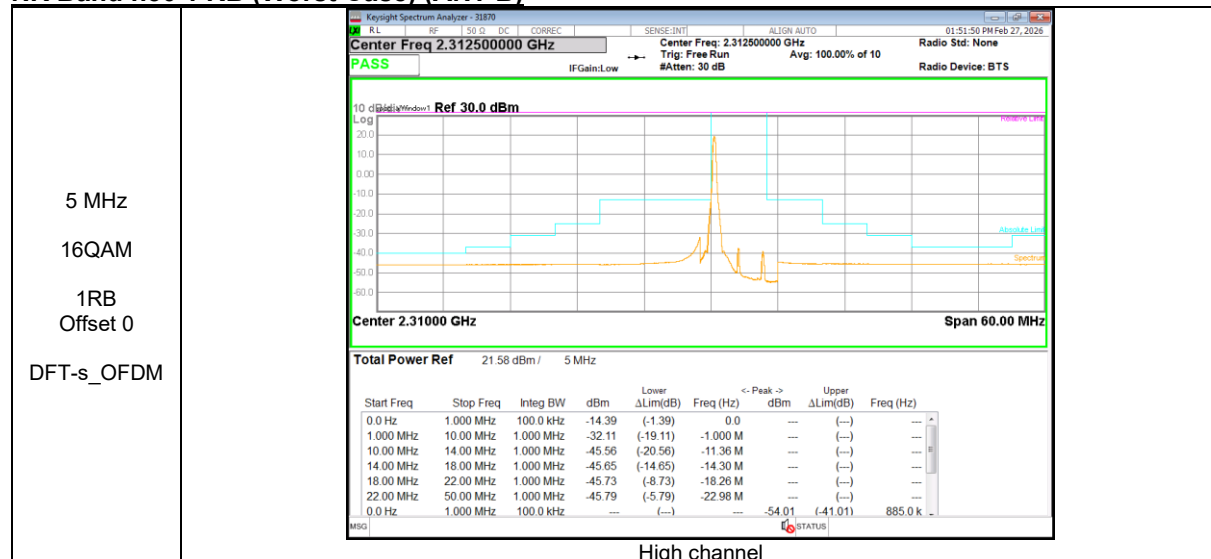
Start Freq	Stop Freq	Integ BW	dBm	Lower ΔLim(dB)	Freq (Hz)	<- Peak -> dBm	Upper ΔLim(dB)	Freq (Hz)
0.0 Hz	1.000 MHz	100.0 kHz	-23.48	(-10.48)	0.0	---	(---)	---
1.000 MHz	10.000 MHz	1.000 MHz	-30.62	(-17.62)	-1.000 M	---	(---)	---
10.000 MHz	14.000 MHz	1.000 MHz	-42.06	(-17.06)	-10.00 M	---	(---)	---
14.000 MHz	18.000 MHz	1.000 MHz	-45.03	(-14.03)	-14.08 M	---	(---)	---
18.000 MHz	22.000 MHz	1.000 MHz	-45.58	(-8.58)	-18.30 M	---	(---)	---
22.000 MHz	50.000 MHz	1.000 MHz	-45.68	(-5.68)	-33.20 M	---	(---)	---
0.0 Hz	1.000 MHz	100.0 kHz	---	(---)	---	-22.15	(-9.15)	0.0

MSO STATUS

High channel



NR Band n30 1 RB (Worst Case) (ANT B)



NR Band n41 (PC2) (ANT B)



















