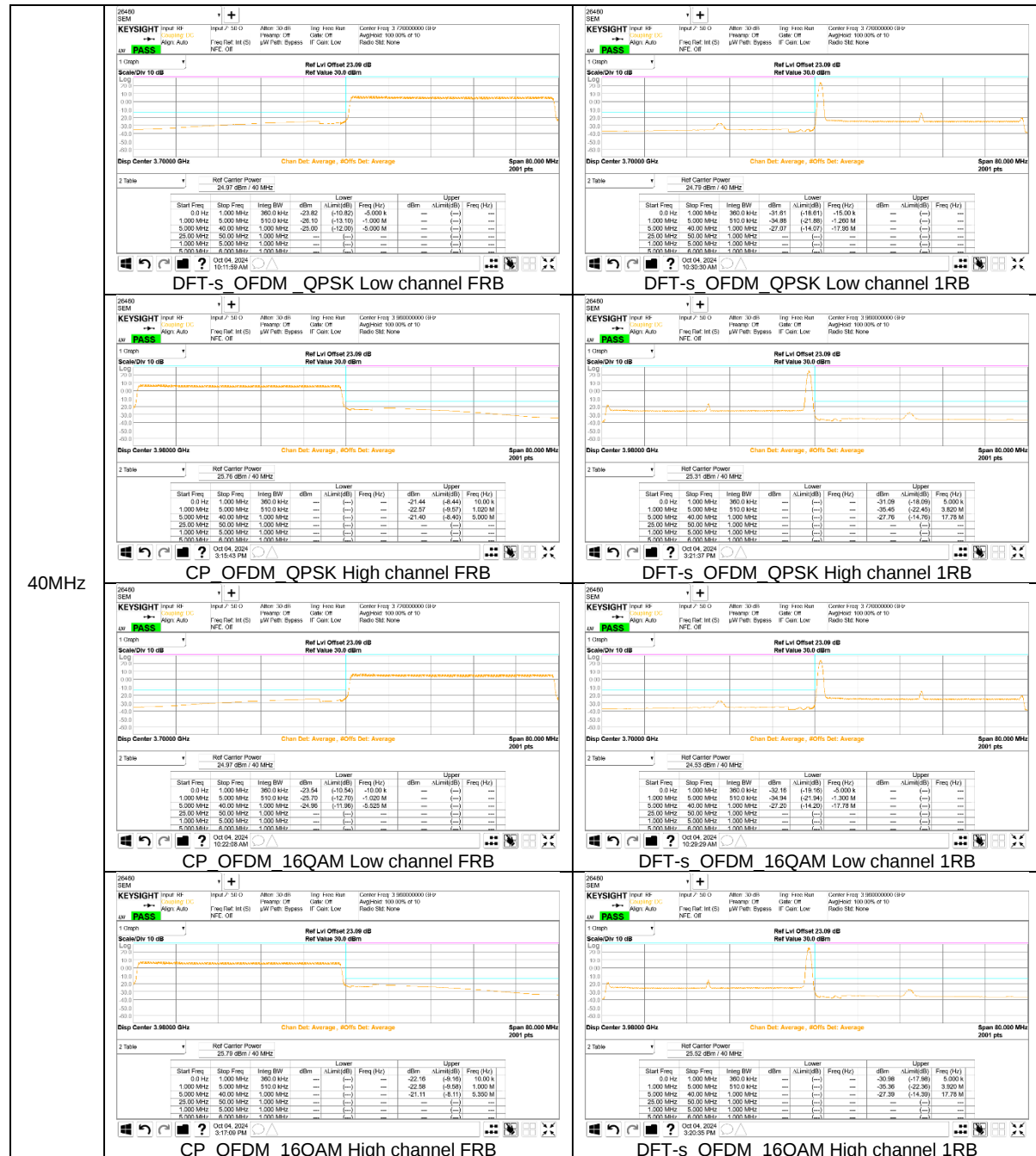










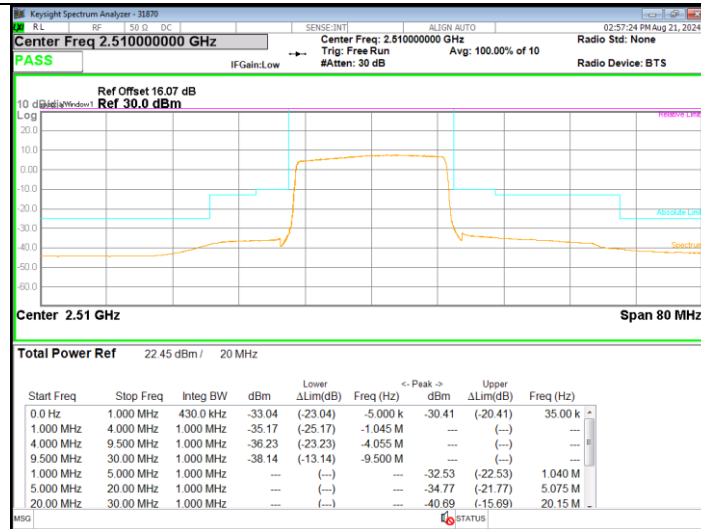




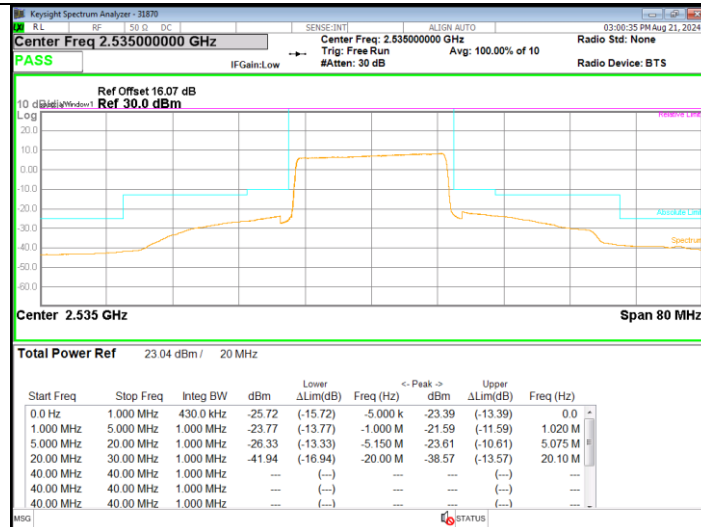
8.4.2. EMISSION MASK RESULT

LTE Band 7

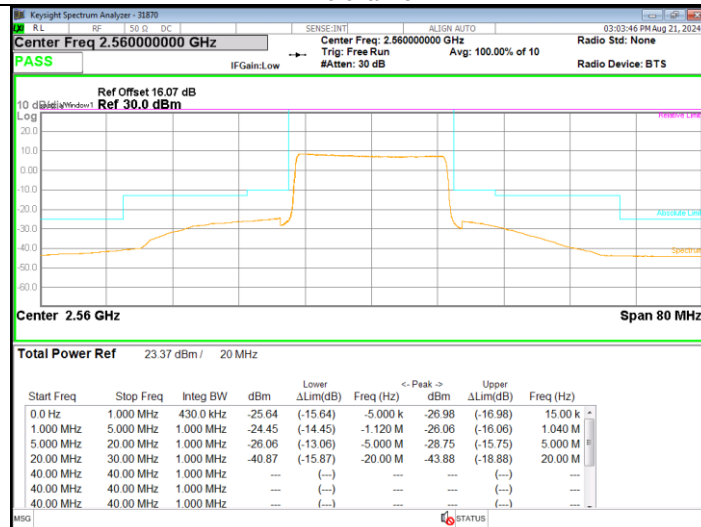
20 MHz
QPSK
FRB



Low channel



Mid channel



High channel









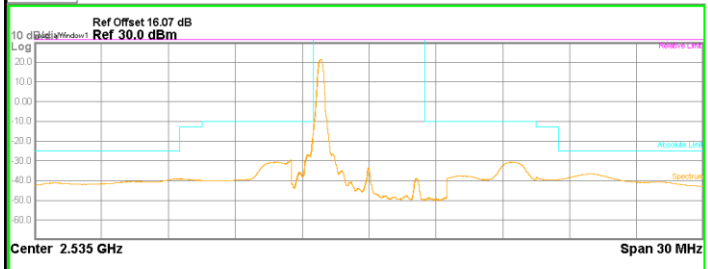
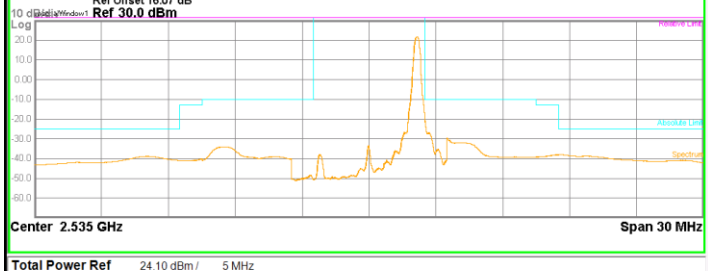


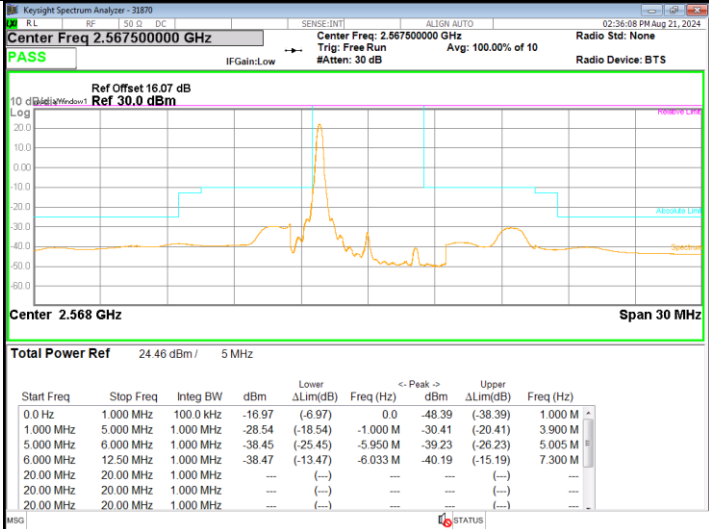
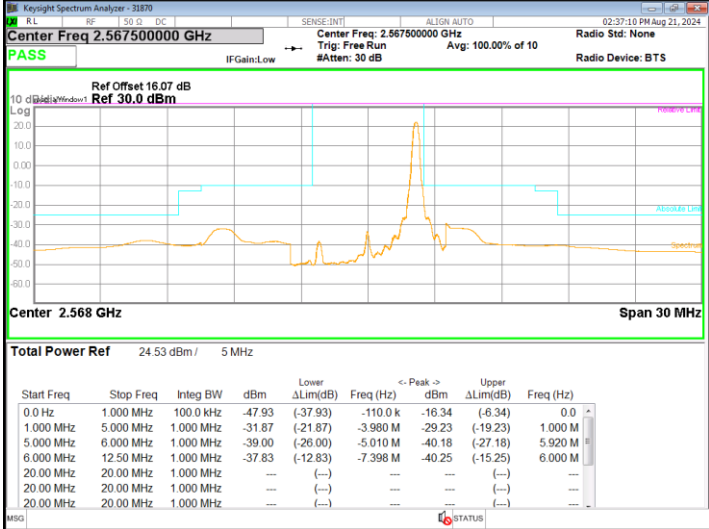




LTE Band 7 1 RB (Worst Case)



5 MHz QPSK 1RB Offset 0	Keyight Spectrum Analyzer - 32870 RL RF 50 Ω DC SENSE:INT ALIGN AUTO 02:33:02 PM Aug 21, 2024 Center Freq 2.535000000 GHz Center Freq: 2.535000000 GHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 #Atten: 30 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 16.07 dB Ref 30.0 dBm  Center 2.535 GHz Span 30 MHz Total Power Ref 23.90 dBm / 5 MHz <table><thead><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 dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-16.80</td><td>(-6.80)</td><td>0.0</td><td>-48.16</td><td>(-38.16)</td><td>990.0 k</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>-29.51</td><td>(-19.51)</td><td>-1.000 M</td><td>-30.70</td><td>(-20.70)</td><td>3.900 M</td></tr><tr><td>5.000 MHz</td><td>6.000 MHz</td><td>1.000 MHz</td><td>-38.99</td><td>(-25.99)</td><td>-5.970 M</td><td>-38.34</td><td>(-25.34)</td><td>5.005 M</td></tr><tr><td>6.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>-39.13</td><td>(-14.13)</td><td>-6.033 M</td><td>-36.60</td><td>(-11.60)</td><td>7.528 M</td></tr><tr><td>20.00 MHz</td><td>20.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>---</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>20.00 MHz</td><td>20.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>---</td><td>---</td><td>(---)</td><td>---</td></tr></tbody></table> MISO STATUS	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	-16.80	(-6.80)	0.0	-48.16	(-38.16)	990.0 k	1.000 MHz	5.000 MHz	1.000 MHz	-29.51	(-19.51)	-1.000 M	-30.70	(-20.70)	3.900 M	5.000 MHz	6.000 MHz	1.000 MHz	-38.99	(-25.99)	-5.970 M	-38.34	(-25.34)	5.005 M	6.000 MHz	12.50 MHz	1.000 MHz	-39.13	(-14.13)	-6.033 M	-36.60	(-11.60)	7.528 M	20.00 MHz	20.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---	20.00 MHz	20.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---
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5 MHz QPSK 1RB Offset 24	Keyight Spectrum Analyzer - 32870 RL RF 50 Ω DC SENSE:INT ALIGN AUTO 02:34:05 PM Aug 21, 2024 Center Freq 2.535000000 GHz Center Freq: 2.535000000 GHz Radio Std: None Trig: Free Run Avg: 100.00% of 10 #Atten: 30 dB Radio Device: BTS PASS IF Gain: Low Ref Offset 16.07 dB Ref 30.0 dBm  Center 2.535 GHz Span 30 MHz Total Power Ref 24.10 dBm / 5 MHz <table><thead><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 dBm</th><th>Upper ΔLim(dB)</th><th>Freq (Hz)</th></tr></thead><tbody><tr><td>0.0 Hz</td><td>1.000 MHz</td><td>100.0 kHz</td><td>-48.43</td><td>(-38.43)</td><td>-120.0 k</td><td>-17.44</td><td>(-7.44)</td><td>0.0</td></tr><tr><td>1.000 MHz</td><td>5.000 MHz</td><td>1.000 MHz</td><td>-34.02</td><td>(-24.02)</td><td>-3.980 M</td><td>-29.44</td><td>(-19.44)</td><td>1.000 M</td></tr><tr><td>5.000 MHz</td><td>6.000 MHz</td><td>1.000 MHz</td><td>-39.96</td><td>(-26.96)</td><td>-5.000 M</td><td>-37.92</td><td>(-24.92)</td><td>5.990 M</td></tr><tr><td>6.000 MHz</td><td>12.50 MHz</td><td>1.000 MHz</td><td>-38.78</td><td>(-13.78)</td><td>-7.398 M</td><td>-37.96</td><td>(-12.96)</td><td>6.098 M</td></tr><tr><td>20.00 MHz</td><td>20.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>---</td><td>---</td><td>(---)</td><td>---</td></tr><tr><td>20.00 MHz</td><td>20.00 MHz</td><td>1.000 MHz</td><td>---</td><td>(---)</td><td>---</td><td>---</td><td>(---)</td><td>---</td></tr></tbody></table> MISO STATUS	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	-48.43	(-38.43)	-120.0 k	-17.44	(-7.44)	0.0	1.000 MHz	5.000 MHz	1.000 MHz	-34.02	(-24.02)	-3.980 M	-29.44	(-19.44)	1.000 M	5.000 MHz	6.000 MHz	1.000 MHz	-39.96	(-26.96)	-5.000 M	-37.92	(-24.92)	5.990 M	6.000 MHz	12.50 MHz	1.000 MHz	-38.78	(-13.78)	-7.398 M	-37.96	(-12.96)	6.098 M	20.00 MHz	20.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---	20.00 MHz	20.00 MHz	1.000 MHz	---	(---)	---	---	(---)	---
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5 MHz QPSK 1RB Offset 0	 High channel
5 MHz QPSK 1RB Offset 24	 High channel

LTE Band 30



