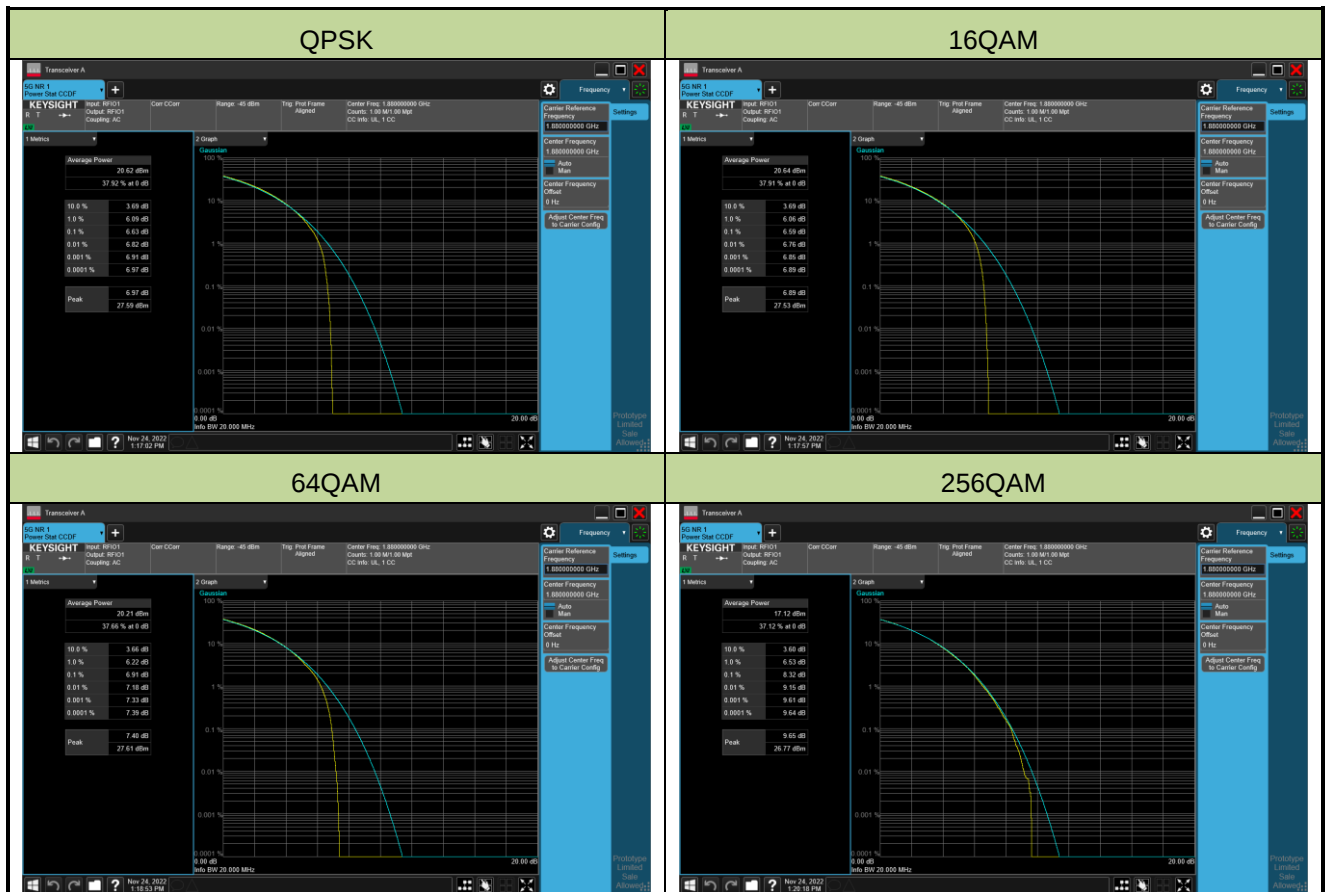


A.4 Peak to Average Ratio Test Result

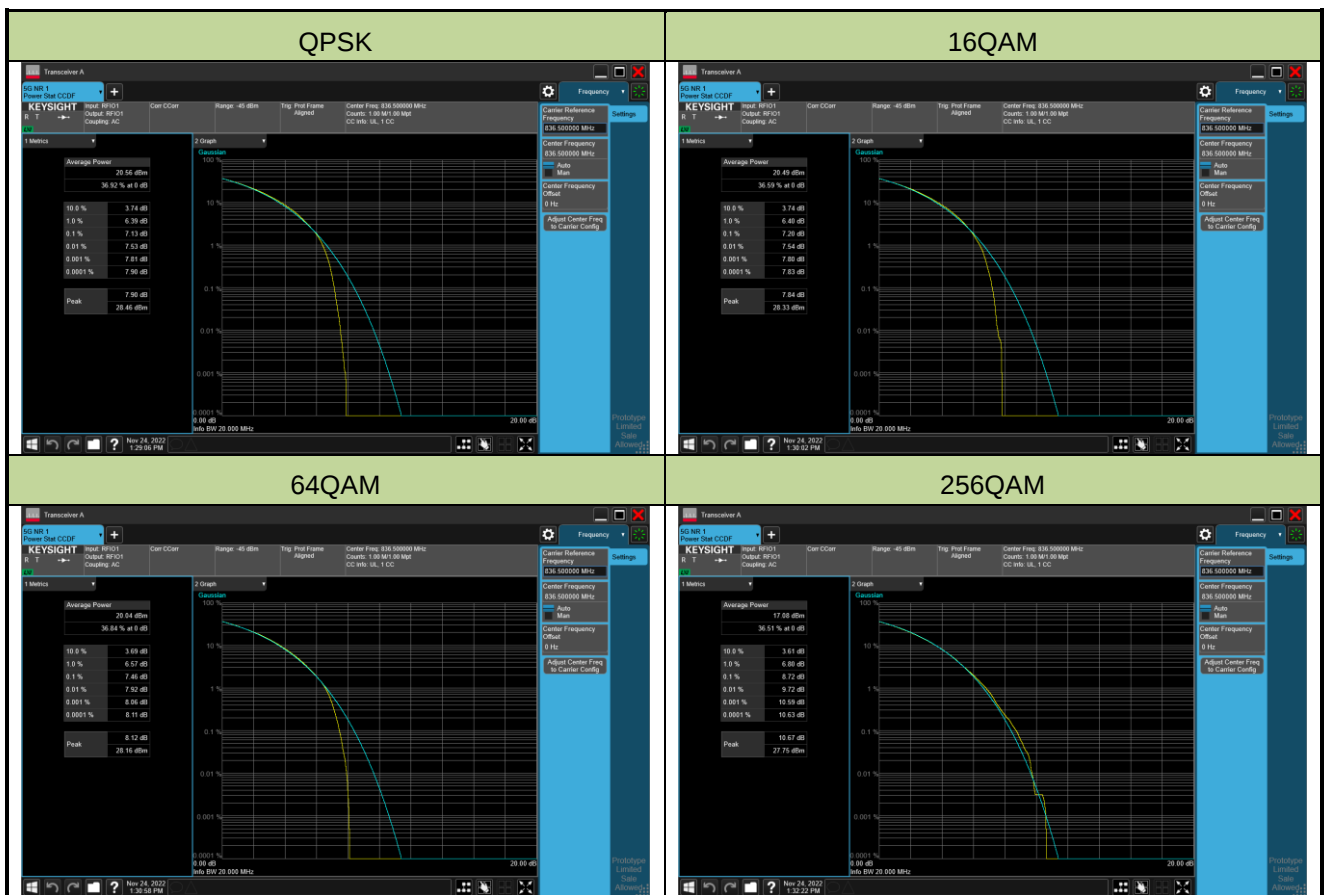
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n2_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
1880.0	20	6.63	≤ 13.00	Pass
16QAM				
1880.0	20	6.59	≤ 13.00	Pass
64QAM				
1880.0	20	6.91	≤ 13.00	Pass
256QAM				
1880.0	20	8.32	≤ 13.00	Pass



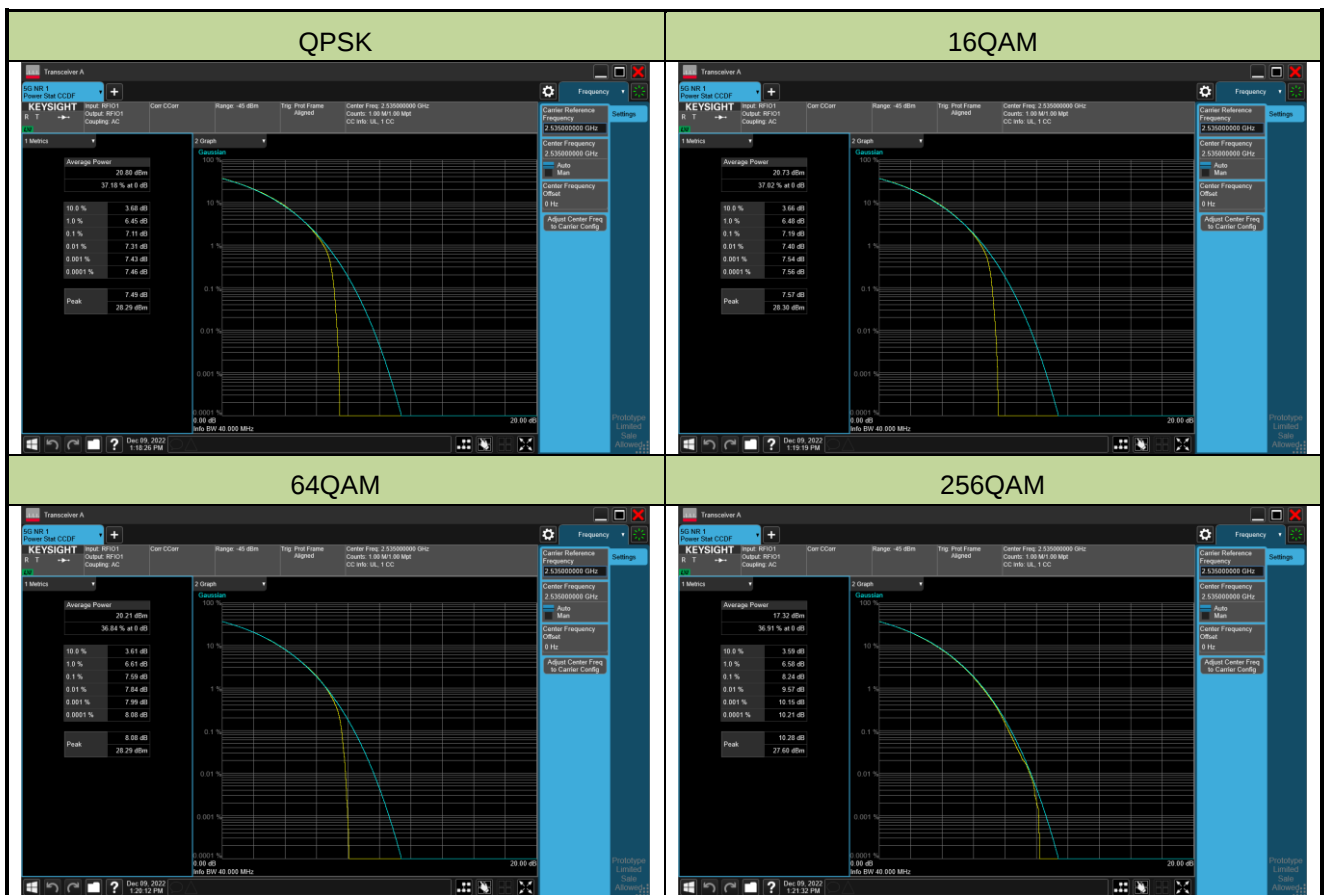
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n5_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
836.5	20	7.13	≤ 13.00	Pass
16QAM				
836.5	20	7.20	≤ 13.00	Pass
64QAM				
836.5	20	7.46	≤ 13.00	Pass
256QAM				
836.5	20	8.72	≤ 13.00	Pass



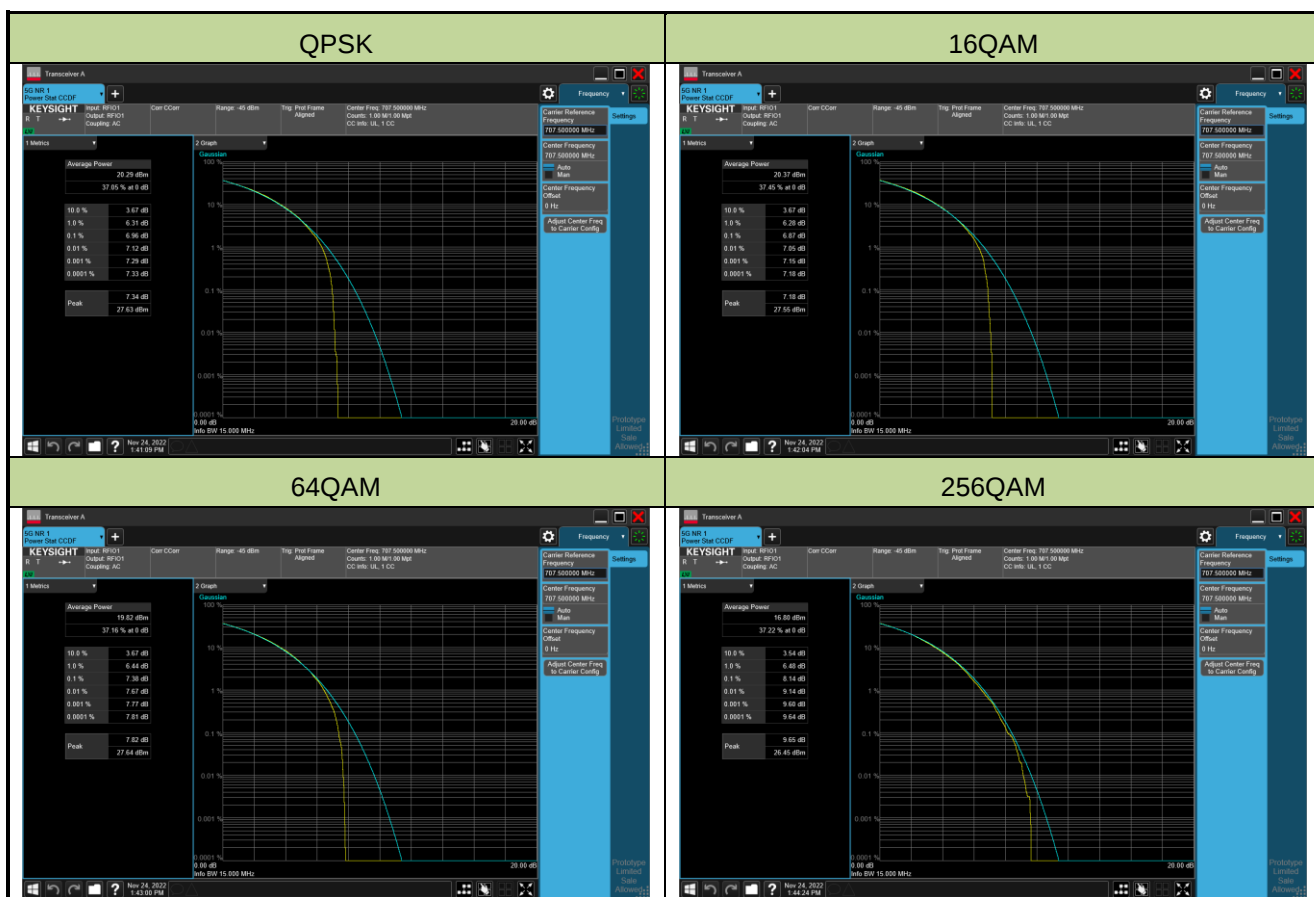
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-12-09	Test Band	n7_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2535.0	40	7.11	≤ 13.00	Pass
16QAM				
2535.0	40	7.19	≤ 13.00	Pass
64QAM				
2535.0	40	7.59	≤ 13.00	Pass
256QAM				
2535.0	40	8.24	≤ 13.00	Pass



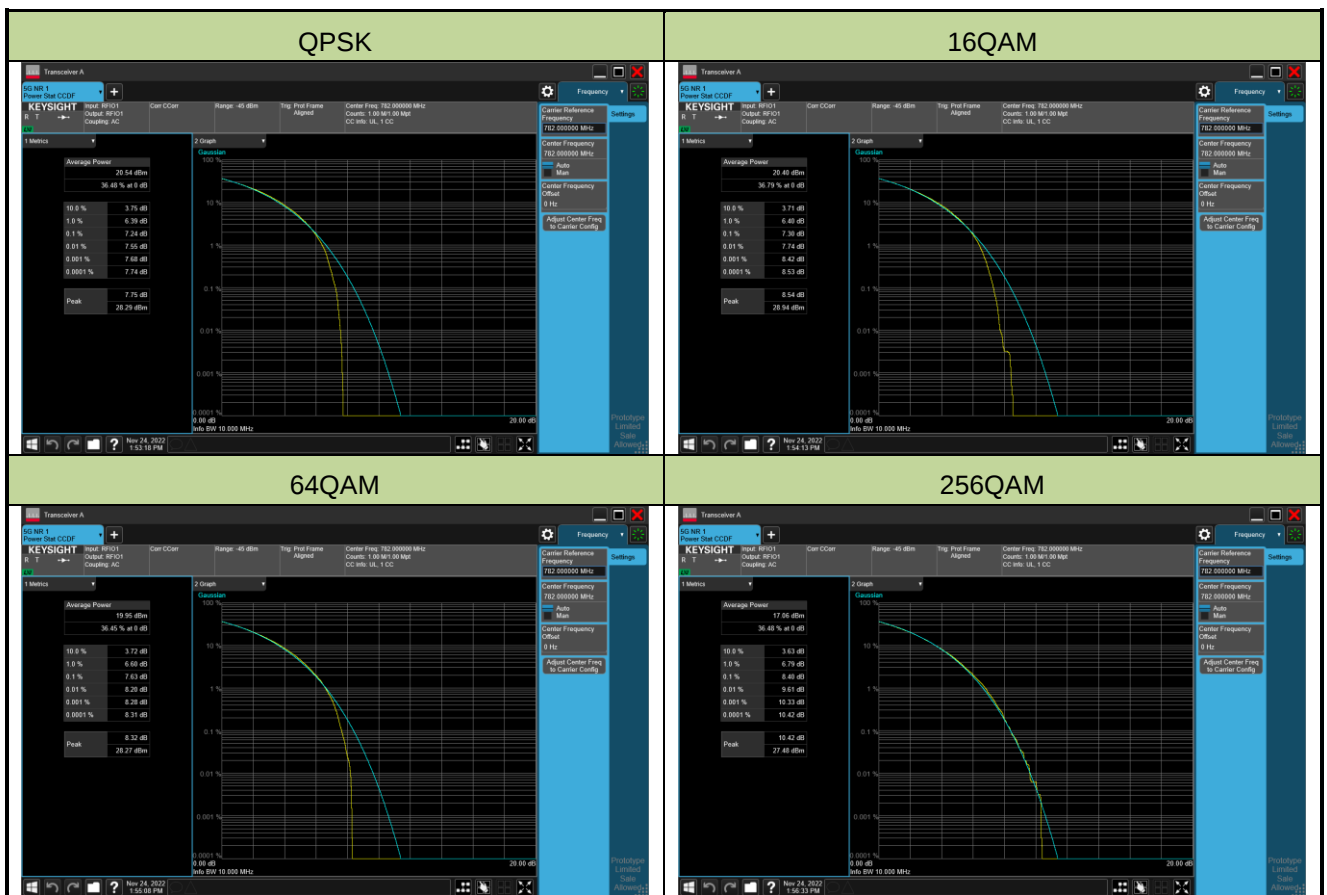
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n12_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
707.5	15	6.96	≤ 13.00	Pass
16QAM				
707.5	15	6.87	≤ 13.00	Pass
64QAM				
707.5	15	7.38	≤ 13.00	Pass
256QAM				
707.5	15	8.14	≤ 13.00	Pass



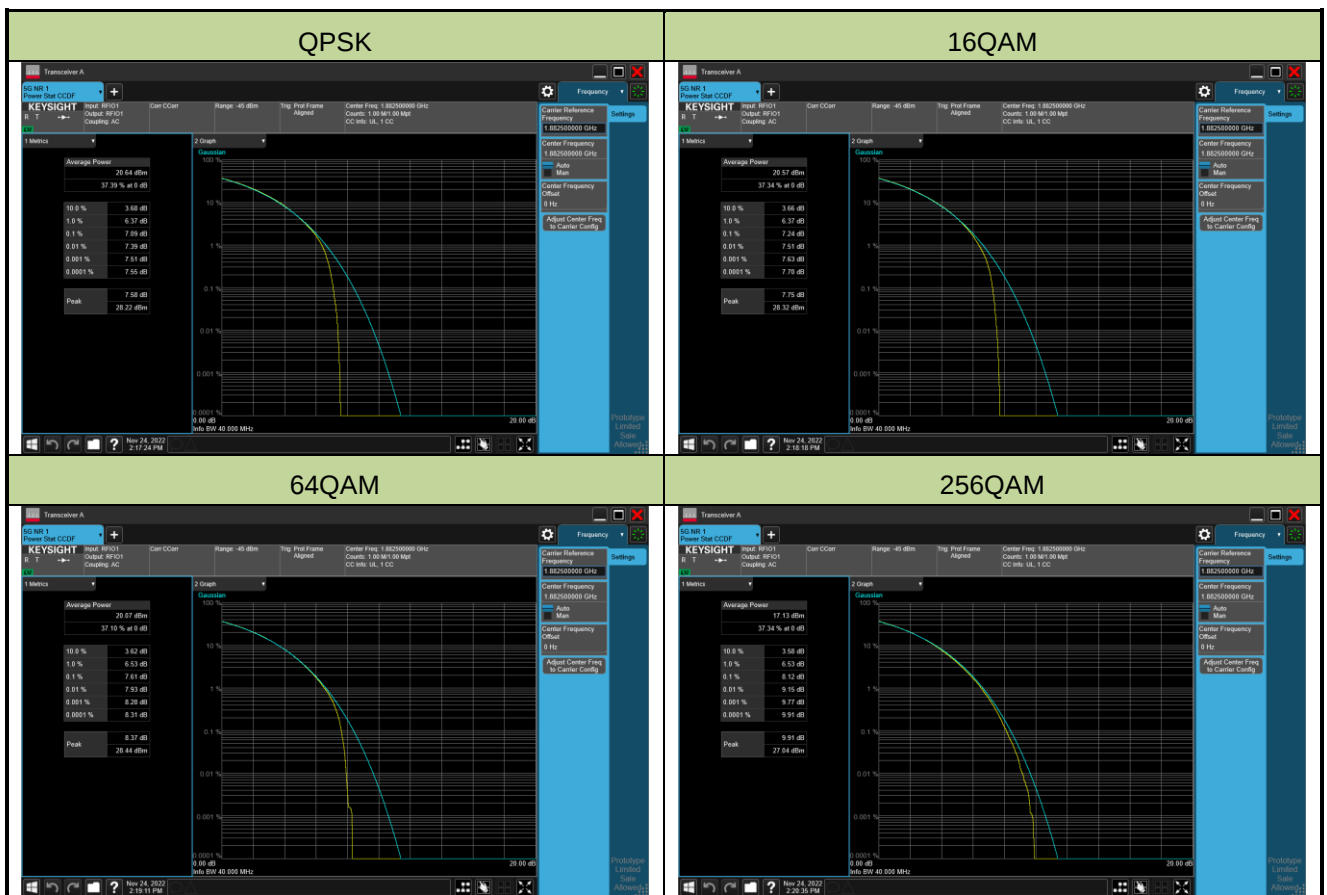
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n13_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
782.0	10	7.24	≤ 13.00	Pass
16QAM				
782.0	10	7.30	≤ 13.00	Pass
64QAM				
782.0	10	7.63	≤ 13.00	Pass
256QAM				
782.0	10	8.40	≤ 13.00	Pass



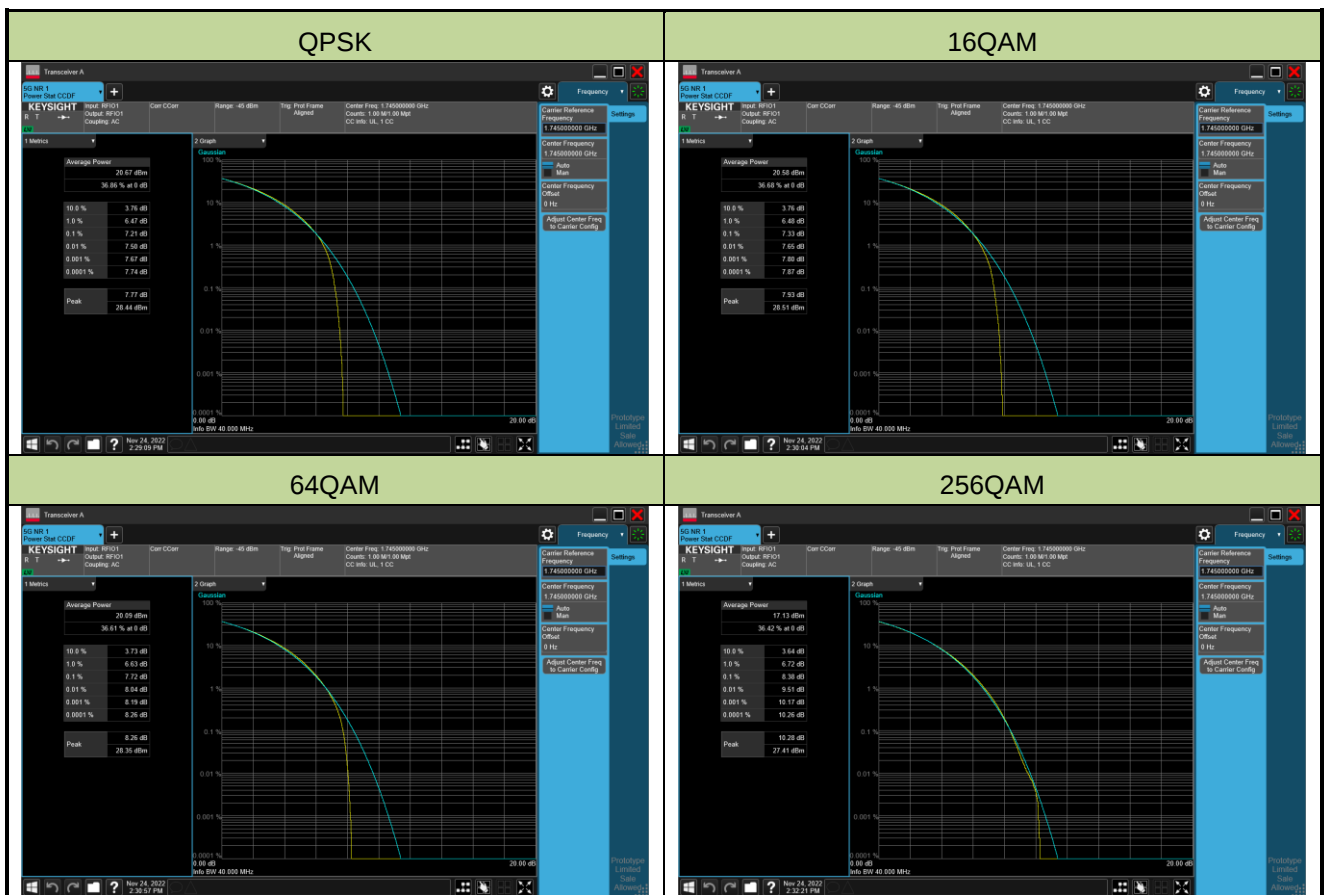
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n25_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
1882.5	40	7.09	≤ 13.00	Pass
16QAM5				
1882.5	40	7.24	≤ 13.00	Pass
64QAM				
1882.5	40	7.61	≤ 13.00	Pass
256QAM				
1882.5	40	8.12	≤ 13.00	Pass



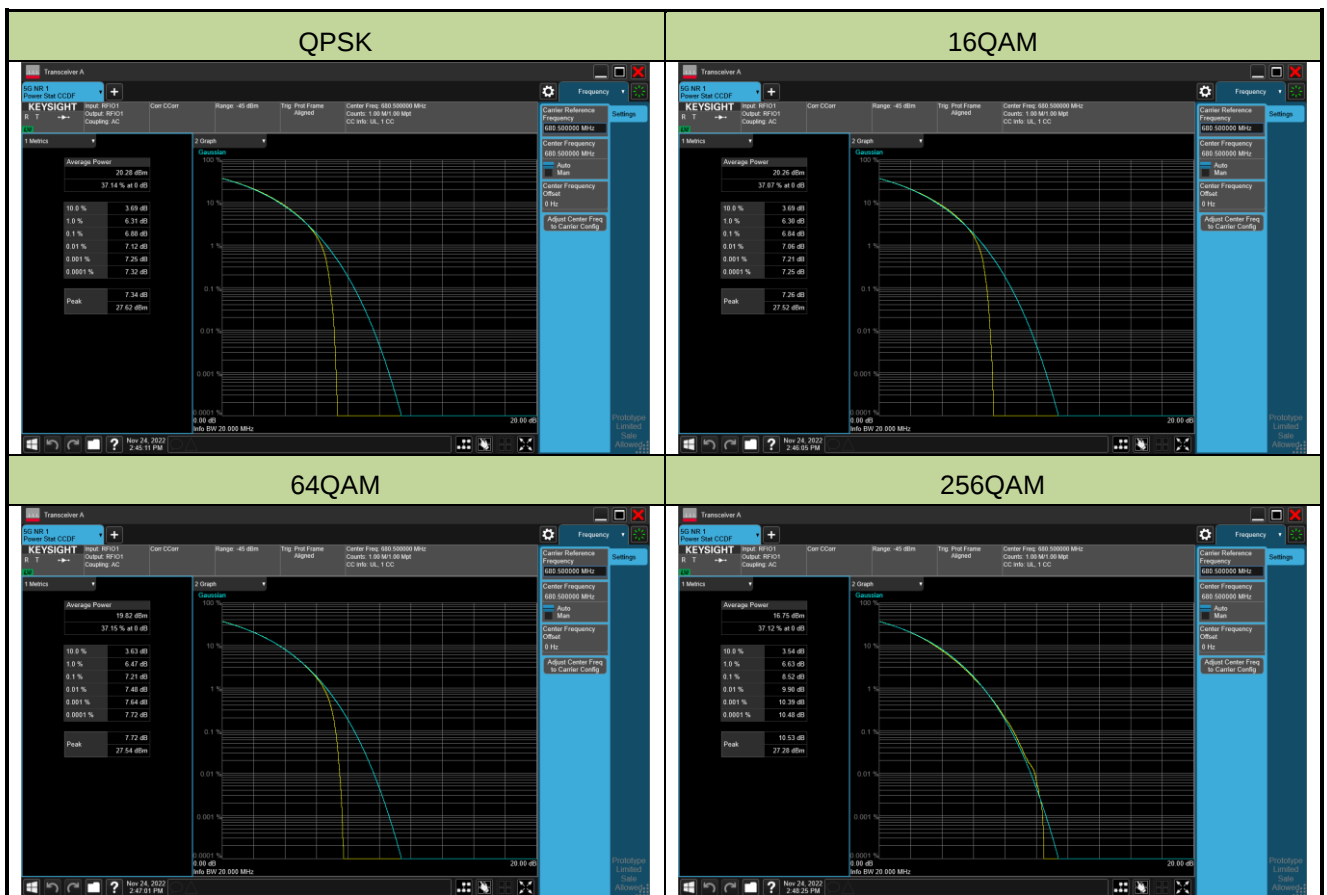
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n66_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
1745.0	40	7.21	≤ 13.00	Pass
16QAM				
1745.0	40	7.33	≤ 13.00	Pass
64QAM				
1745.0	40	7.72	≤ 13.00	Pass
256QAM				
1745.0	40	8.38	≤ 13.00	Pass



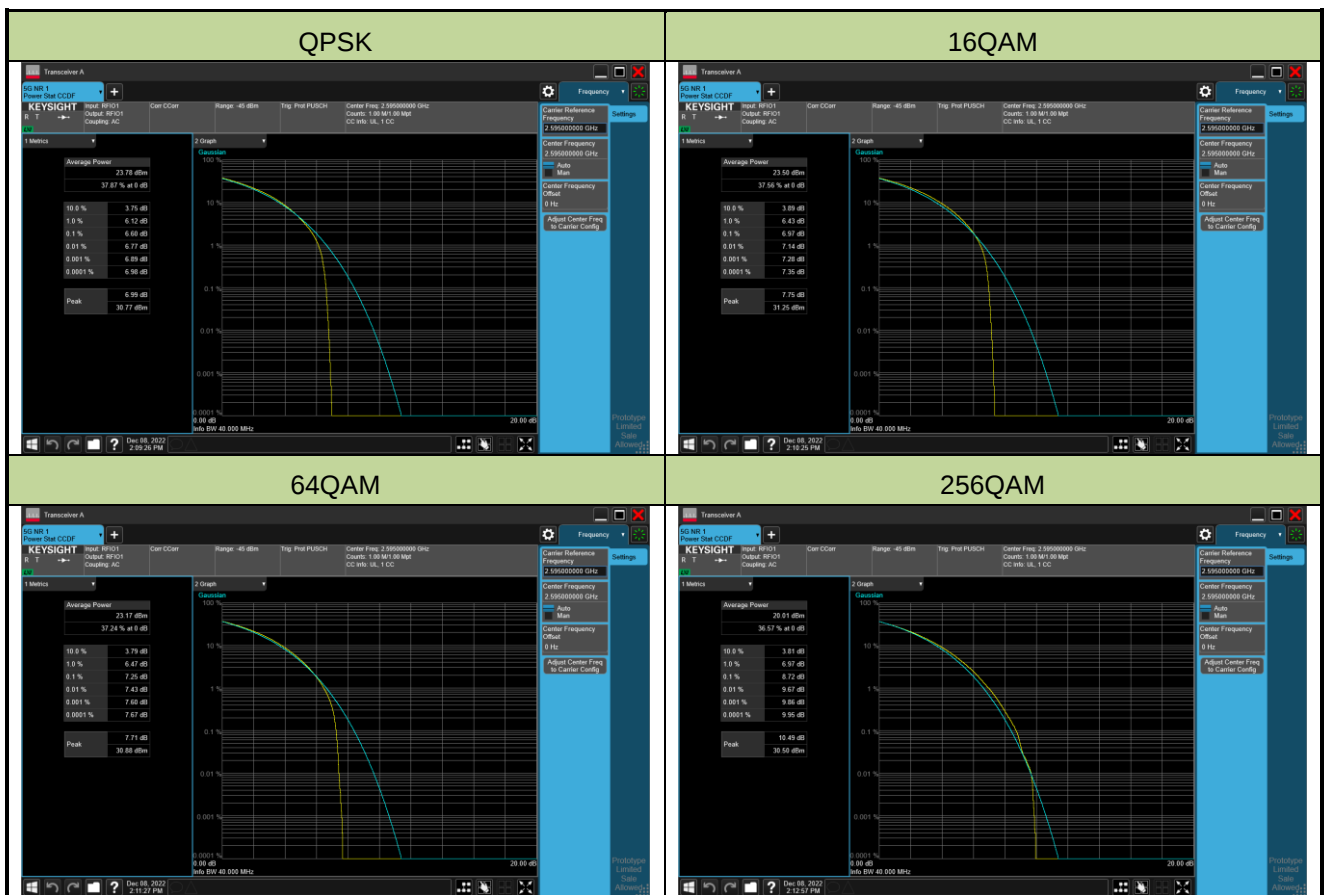
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-24	Test Band	n71_SA

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
680.5	20	6.88	≤ 13.00	Pass
16QAM				
680.5	20	6.84	≤ 13.00	Pass
64QAM				
680.5	20	7.21	≤ 13.00	Pass
256QAM				
680.5	20	8.52	≤ 13.00	Pass



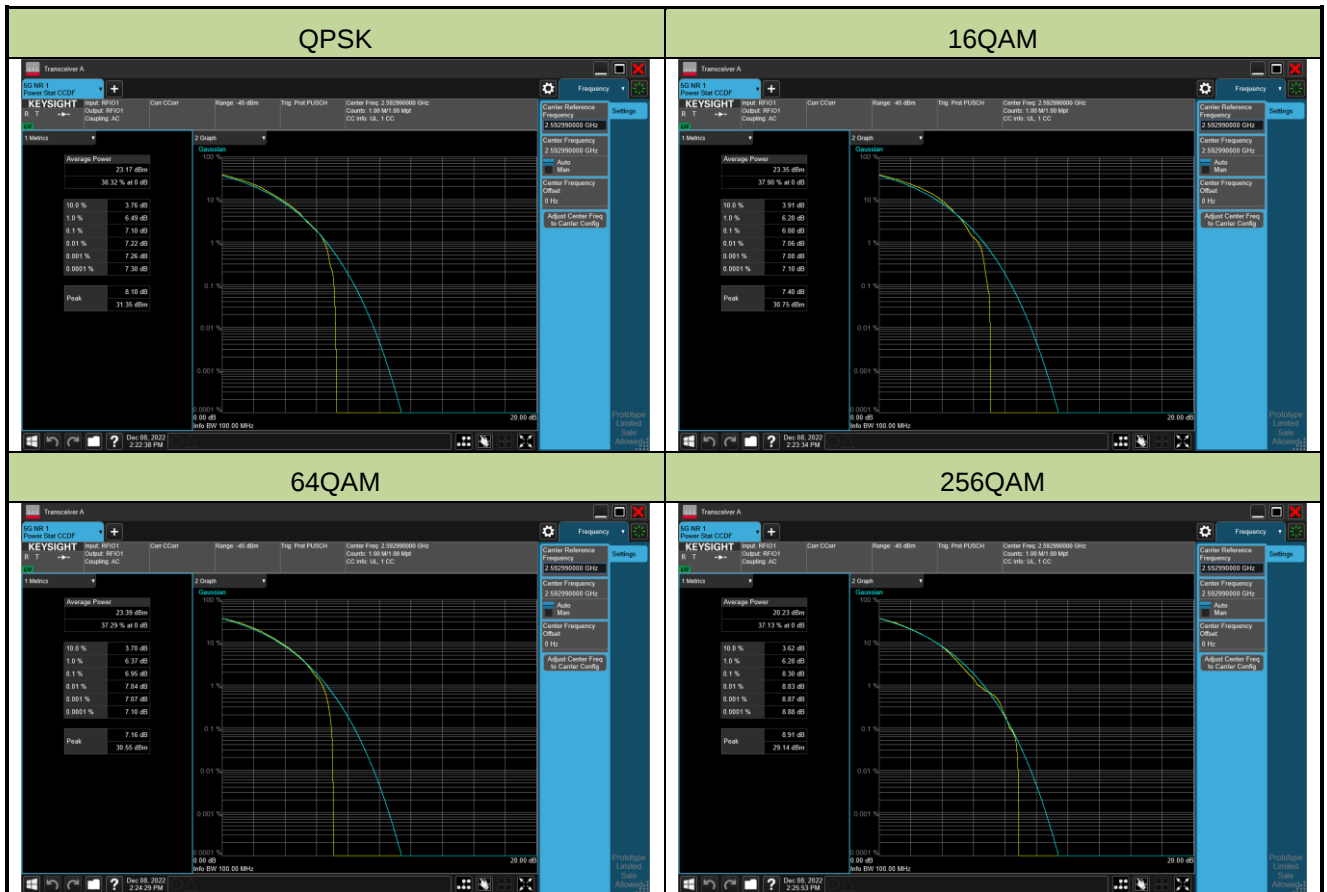
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-12-08	Test Band	n38_SA_HPUE

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2595.0	40	6.60	≤ 13.00	Pass
16QAM				
2595.0	40	6.97	≤ 13.00	Pass
64QAM				
2595.0	40	7.25	≤ 13.00	Pass
256QAM				
2595.0	40	8.72	≤ 13.00	Pass



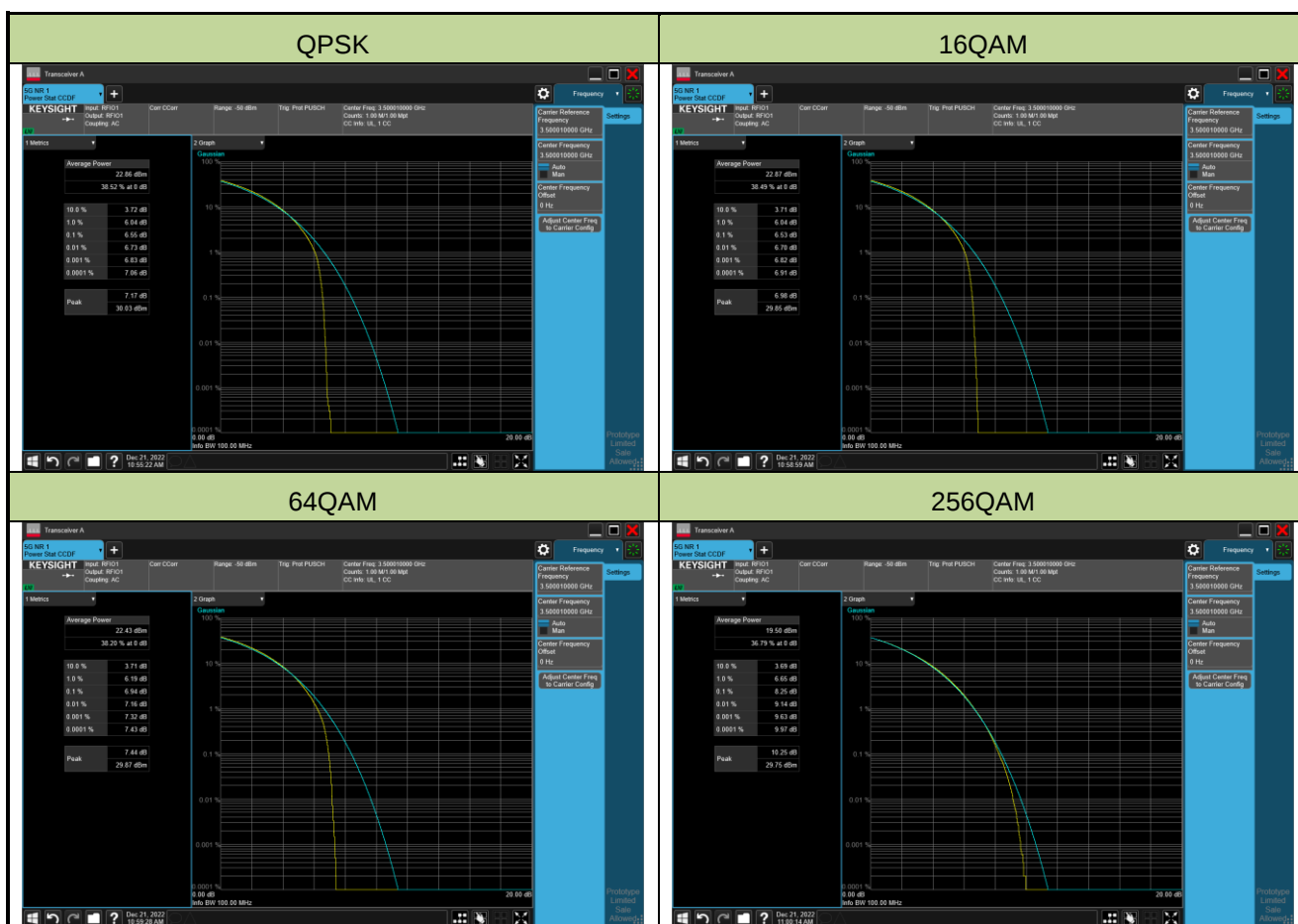
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-12-08	Test Band	n41_SA_HPUE

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2592.99	100	6.49	≤ 13.00	Pass
16QAM				
2592.99	100	6.88	≤ 13.00	Pass
64QAM				
2592.99	100	6.95	≤ 13.00	Pass
256QAM				
2592.99	100	8.30	≤ 13.00	Pass



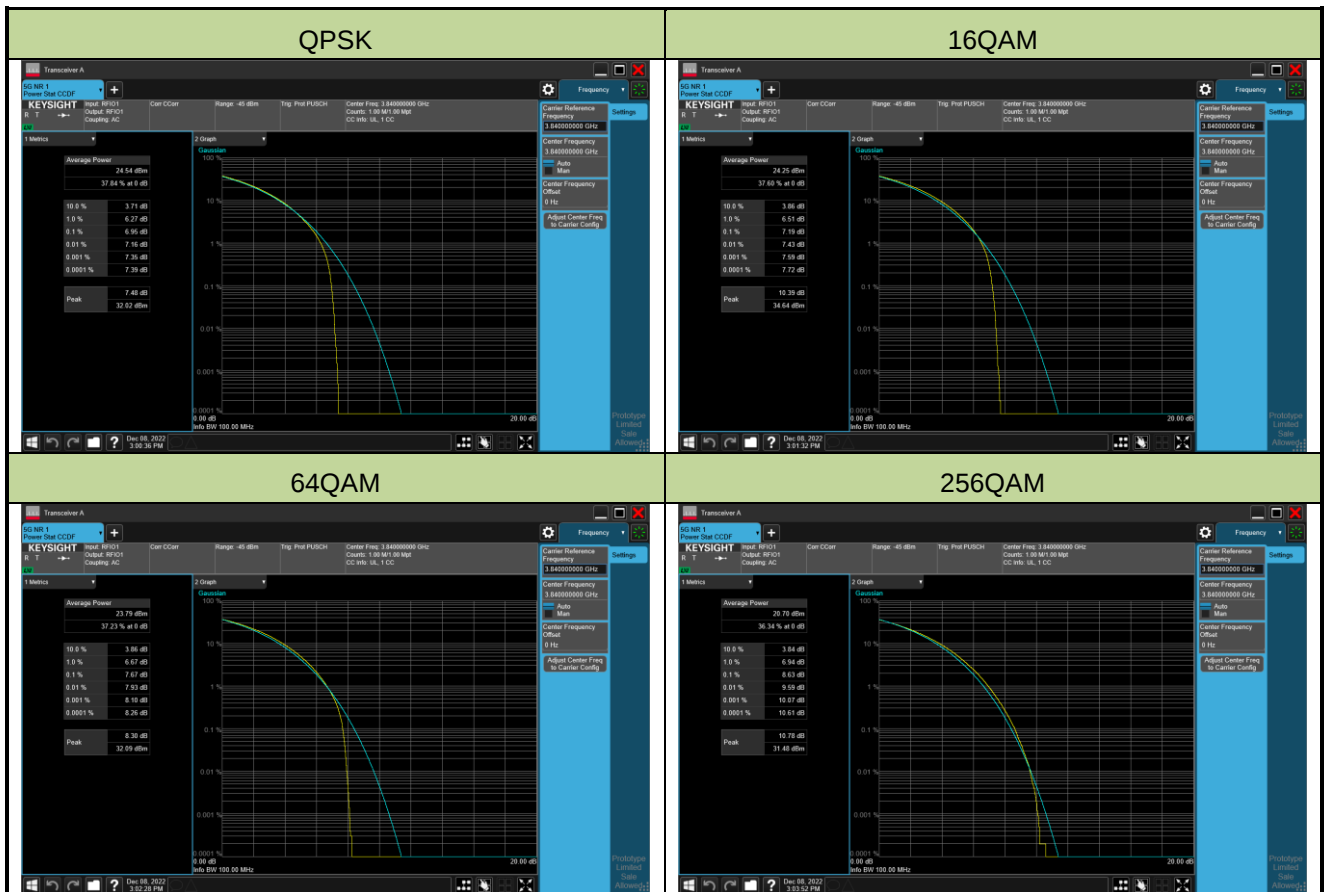
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-12-21	Test Band	n77/n78_SA_HPUE (3450~3550MHz)

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
3500.01	100	6.55	≤ 13.00	Pass
16QAM				
3500.01	100	6.53	≤ 13.00	Pass
64QAM				
3500.01	100	6.94	≤ 13.00	Pass
256QAM				
3500.01	100	8.25	≤ 13.00	Pass



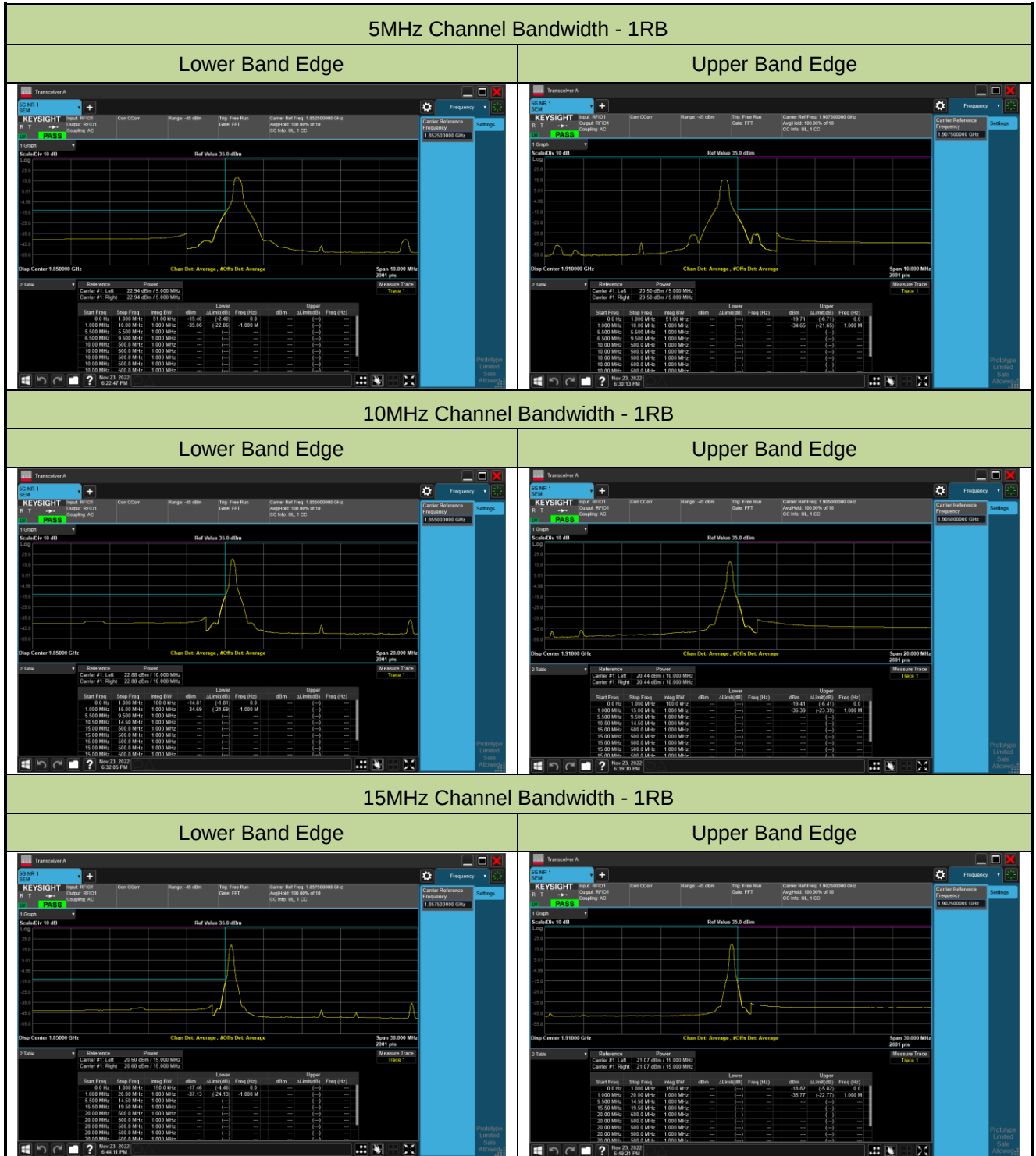
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-12-08	Test Band	n77/n78_SA_HPUE (3700~3980MHz)

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
3840.00	100	6.95	≤ 13.00	Pass
16QAM				
3840.00	100	7.19	≤ 13.00	Pass
64QAM				
3840.00	100	7.67	≤ 13.00	Pass
256QAM				
3840.00	100	8.63	≤ 13.00	Pass



A.5 Band Edge Test Result

Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-23	Test Band	n2_SA

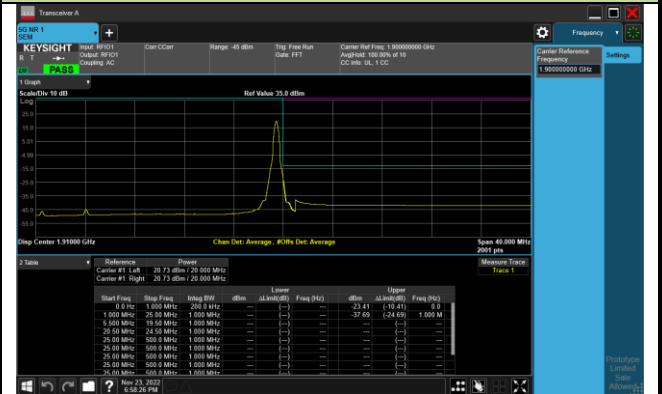


20MHz Channel Bandwidth - 1RB

Lower Band Edge

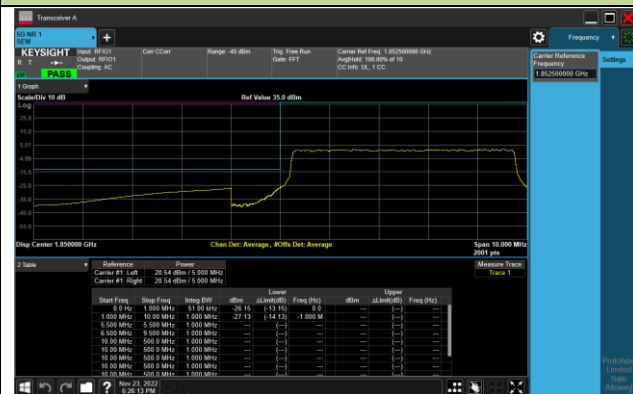


Upper Band Edge



5MHz Channel Bandwidth - Full RB

Lower Band Edge

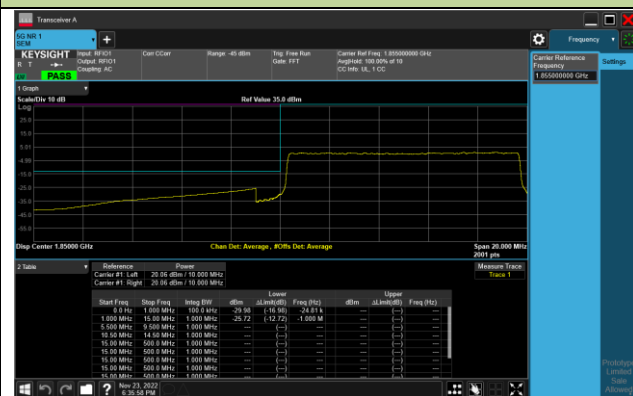


Upper Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge

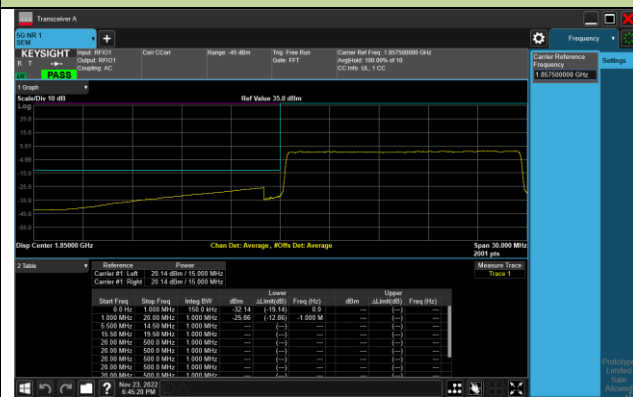


Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge



20MHz Channel Bandwidth - Full RB

Lower Band Edge



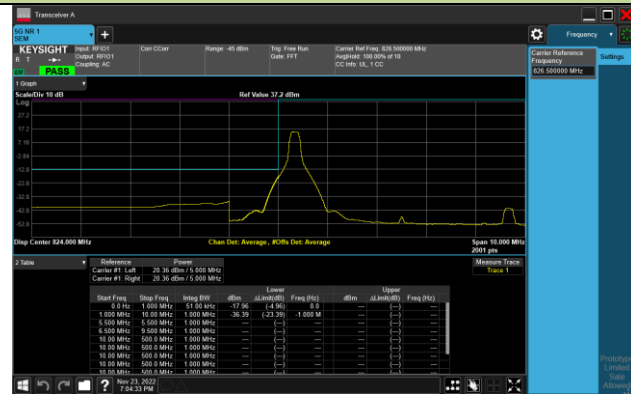
Upper Band Edge



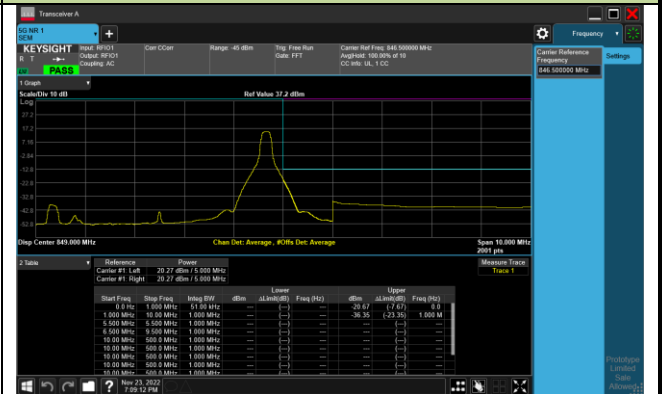
Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-23	Test Band	n5_SA

5MHz Channel Bandwidth - 1RB

Lower Band Edge



Upper Band Edge



10MHz Channel Bandwidth - 1RB

Lower Band Edge

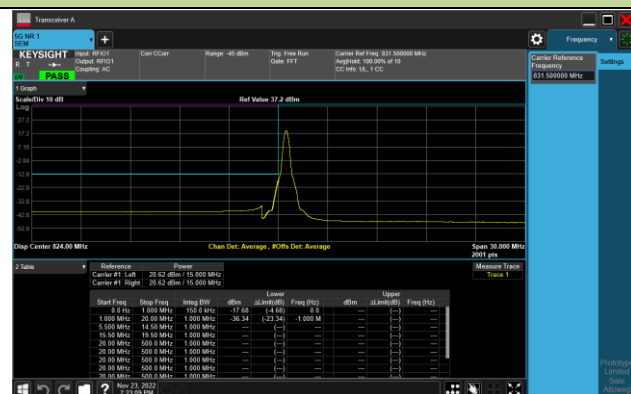


Upper Band Edge



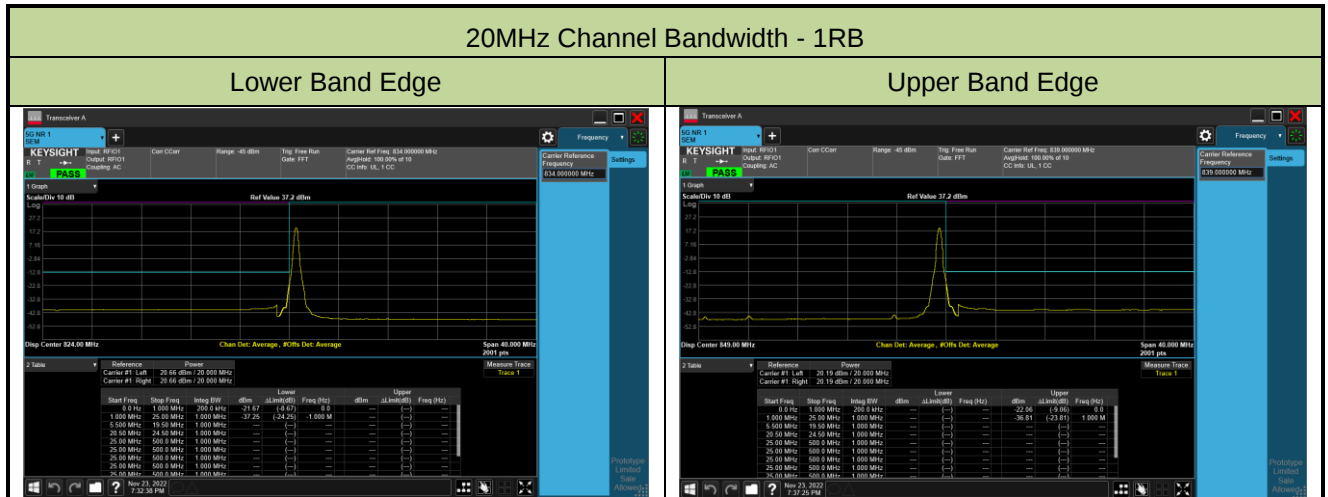
15MHz Channel Bandwidth - 1RB

Lower Band Edge

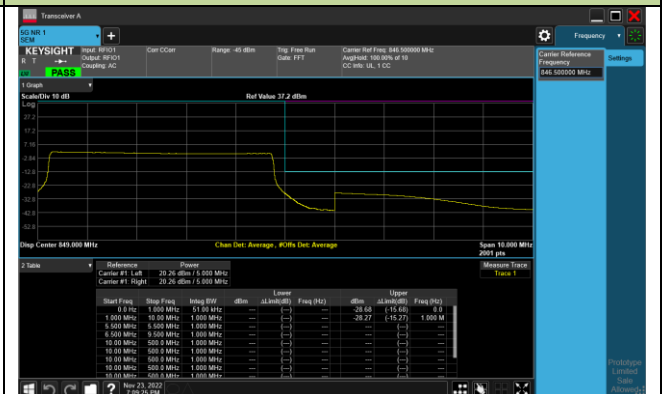


Upper Band Edge





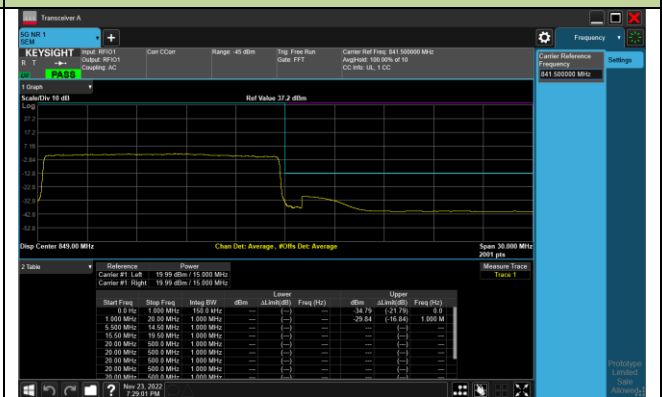
Upper Band Edge



Upper Band Edge

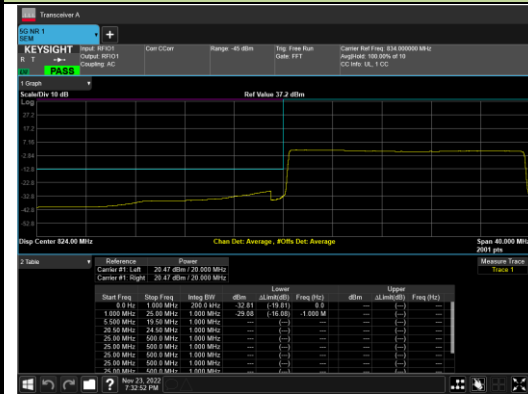


Upper Band Edge



20MHz Channel Bandwidth - Full RB

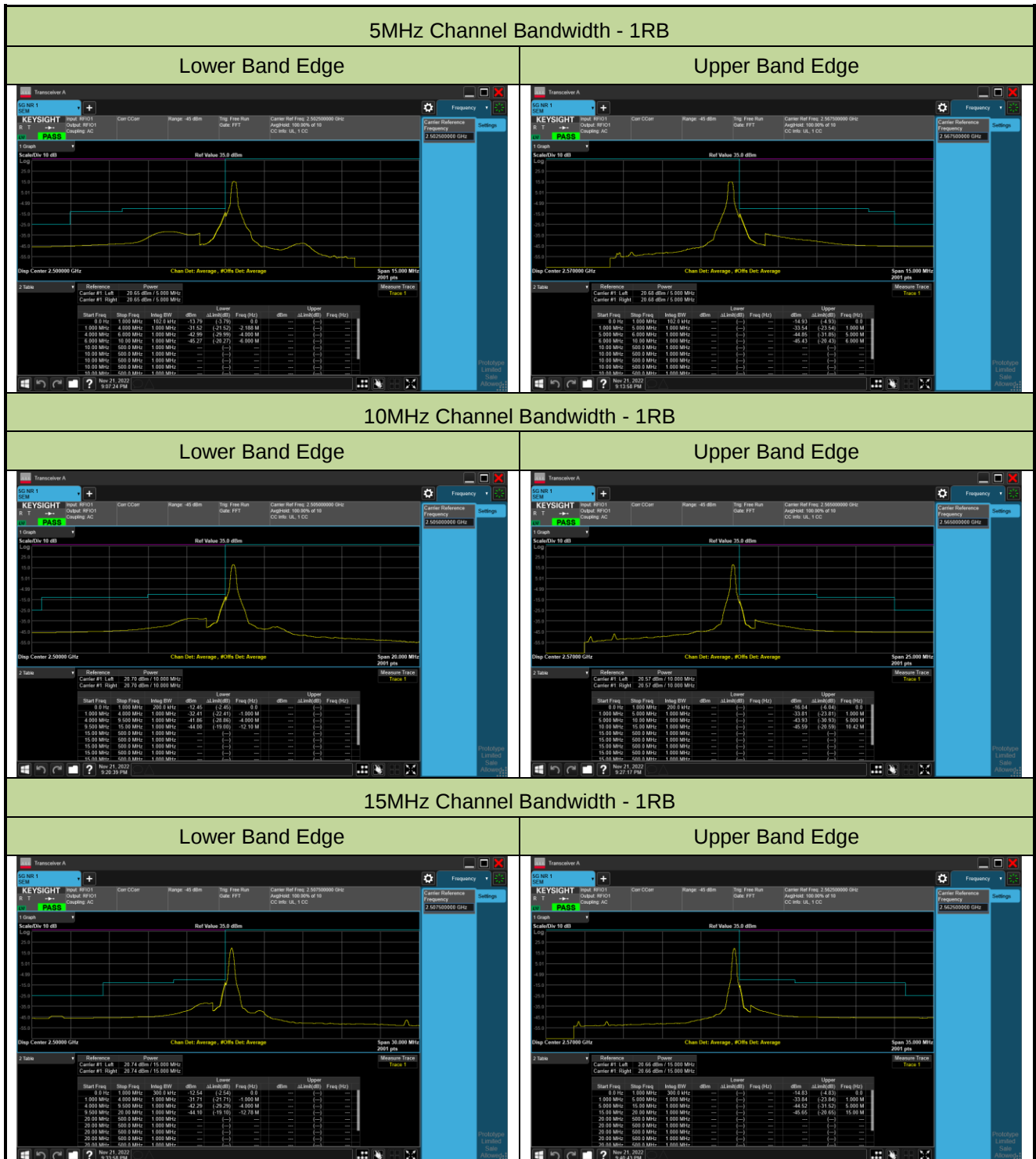
Lower Band Edge

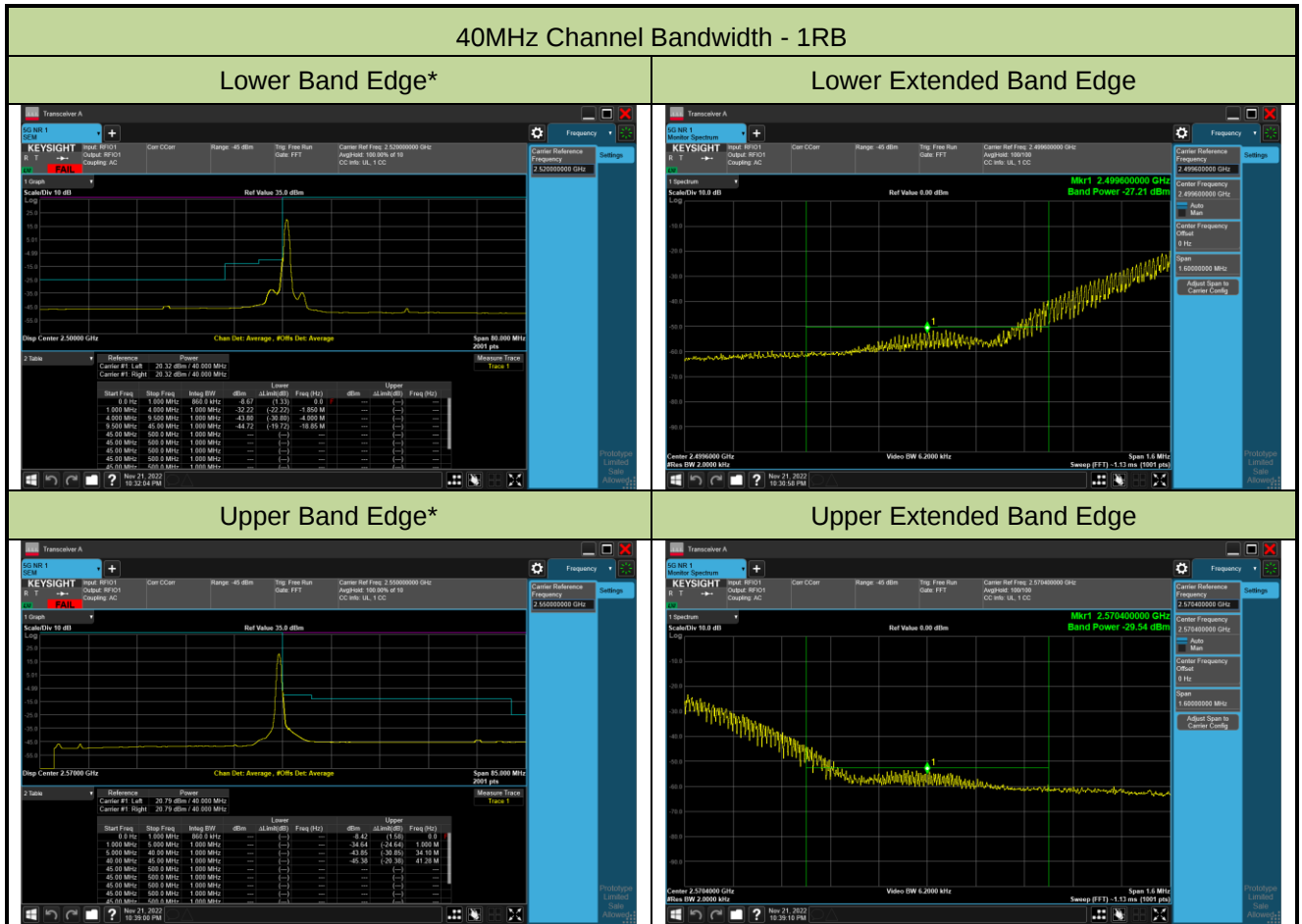


Upper Band Edge



Test Site	SIP-SR1	Test Engineer	Candy Luo
Test Date	2022-11-21	Test Band	n7_SA

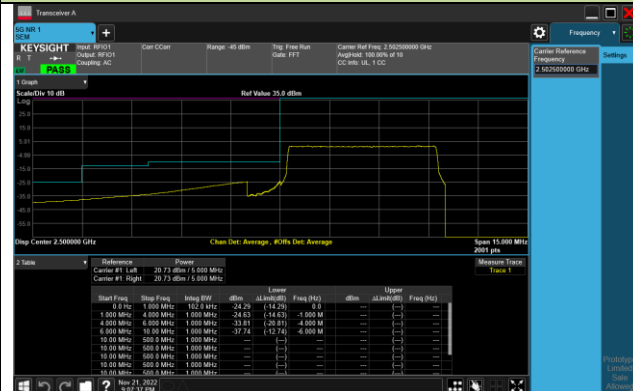




Note: “*” means that the fail frequency has been verified by the plot of “Channel Power < 13dBm Pass”

5MHz Channel Bandwidth - Full RB

Lower Band Edge

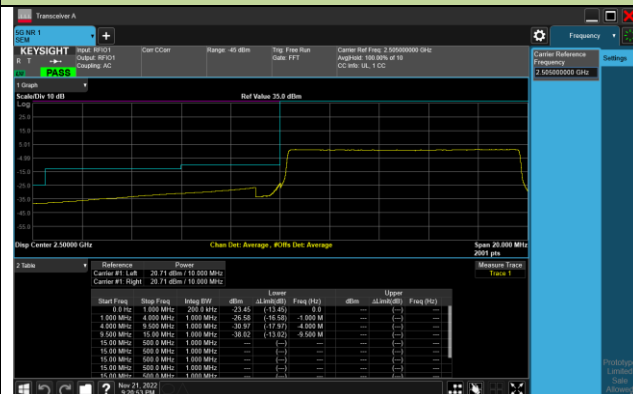


Upper Band Edge



10MHz Channel Bandwidth - Full RB

Lower Band Edge

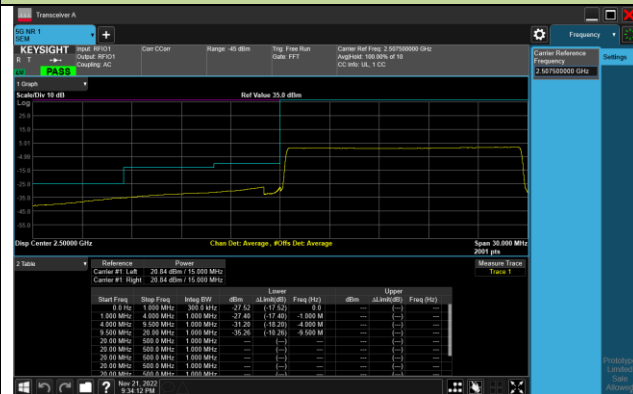


Upper Band Edge



15MHz Channel Bandwidth - Full RB

Lower Band Edge



Upper Band Edge

