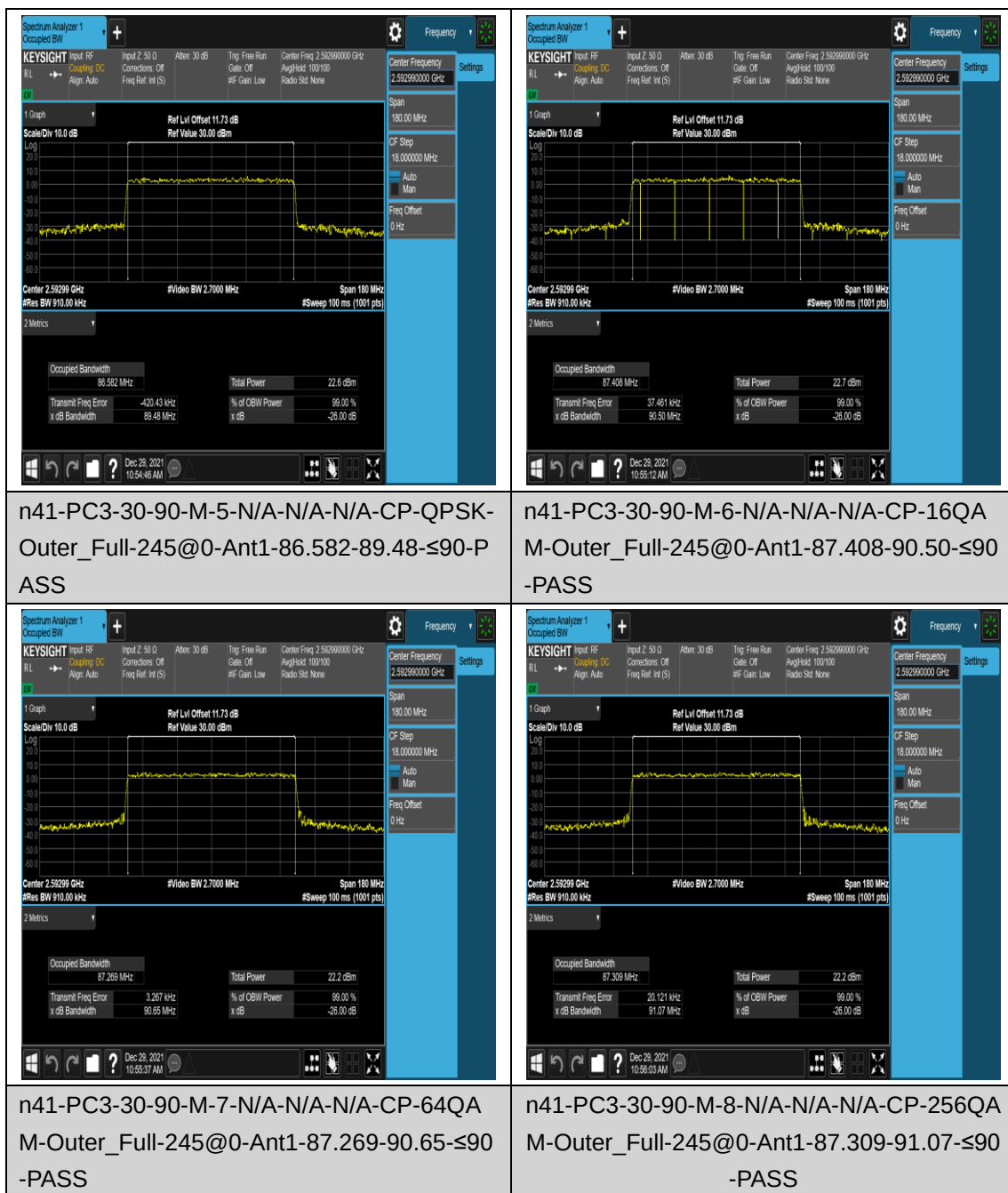
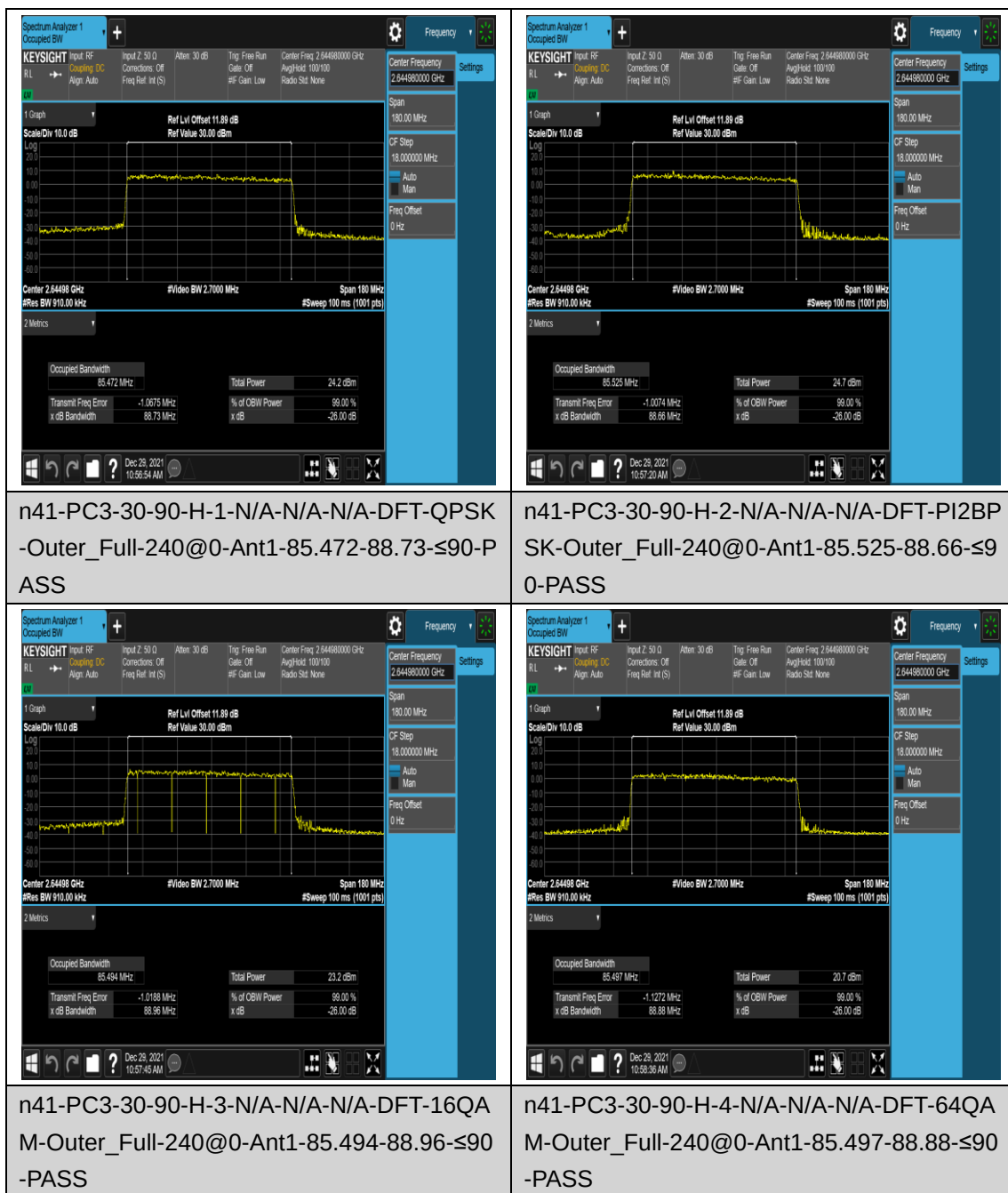
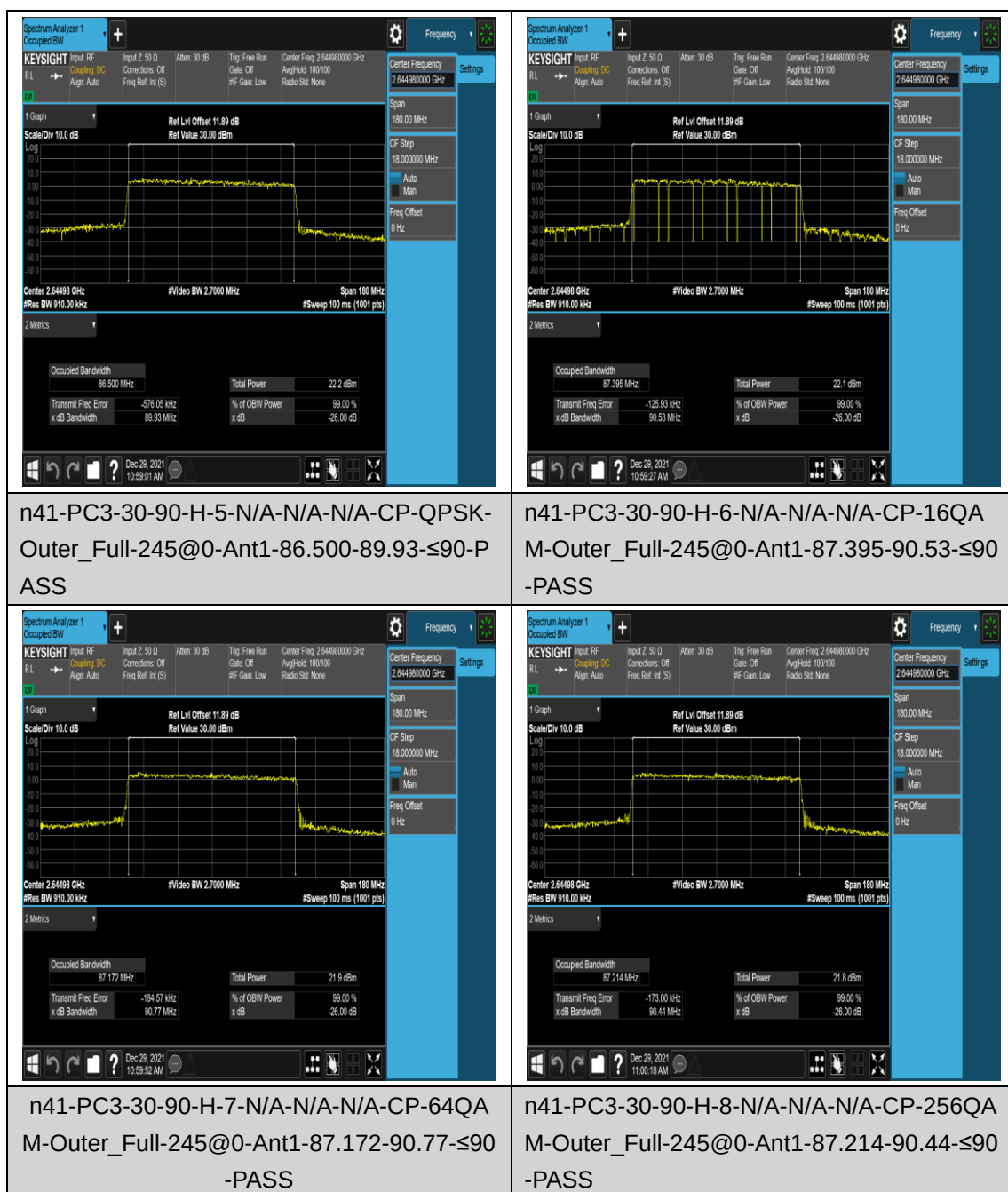
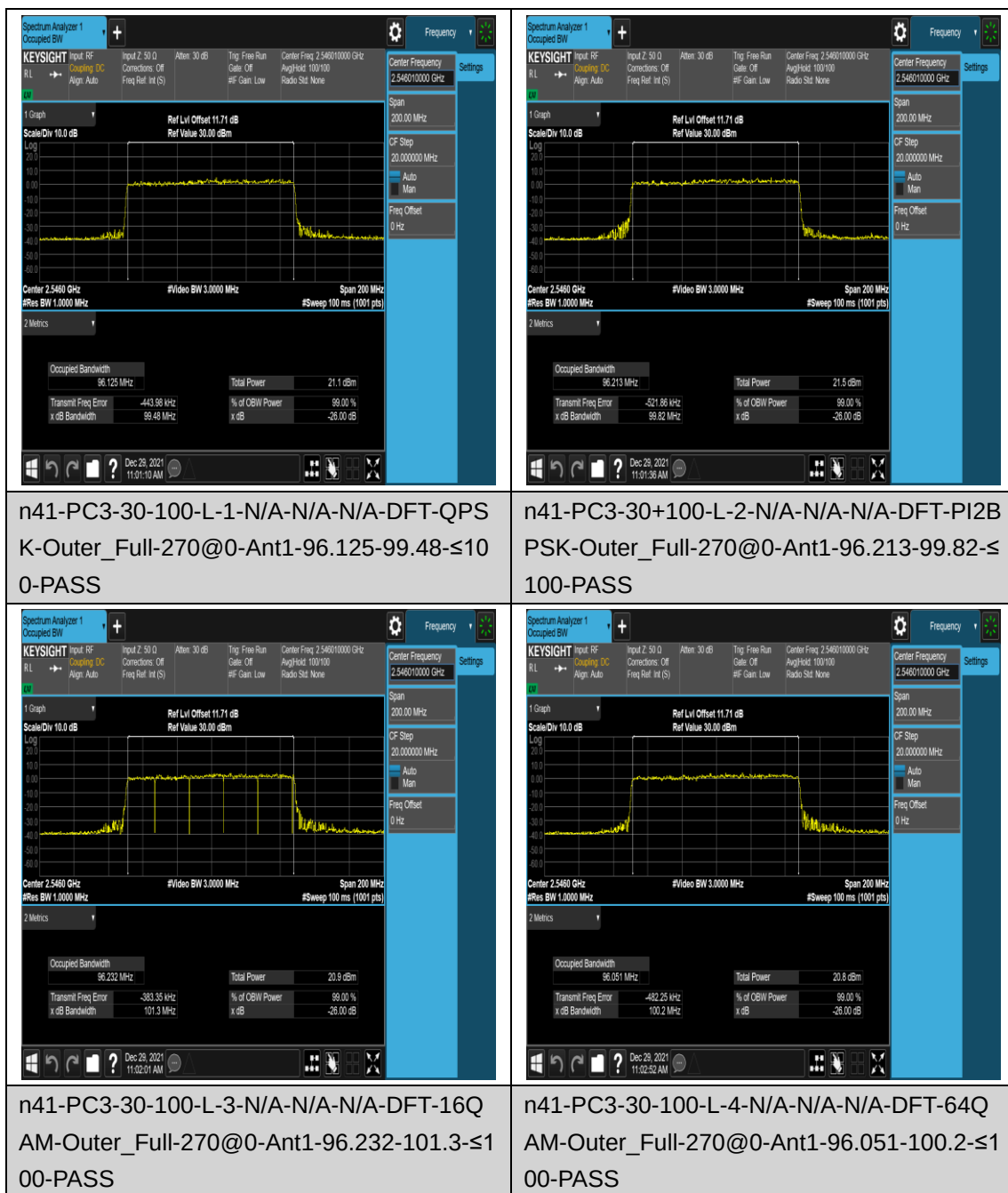


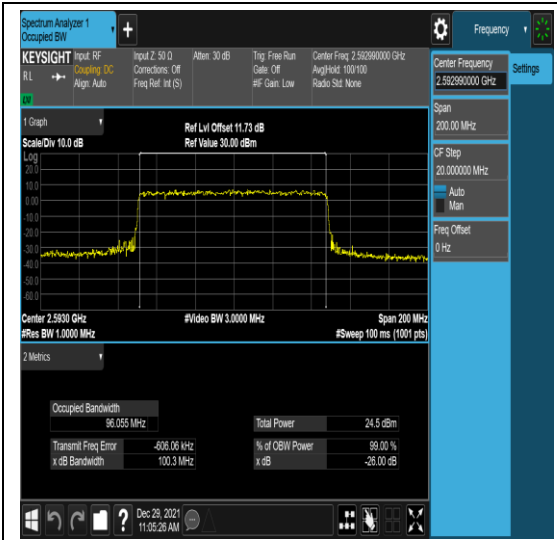
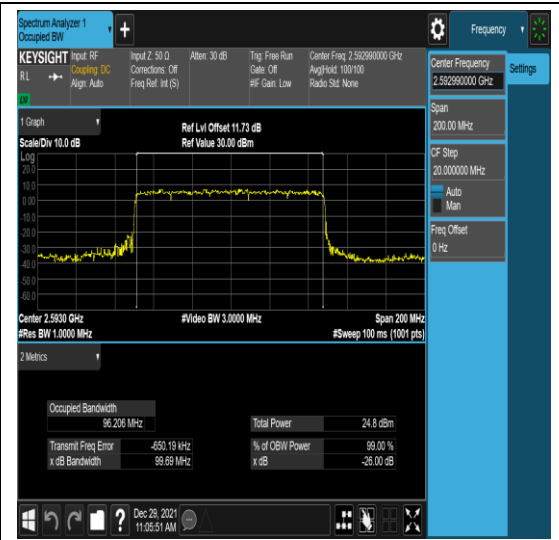
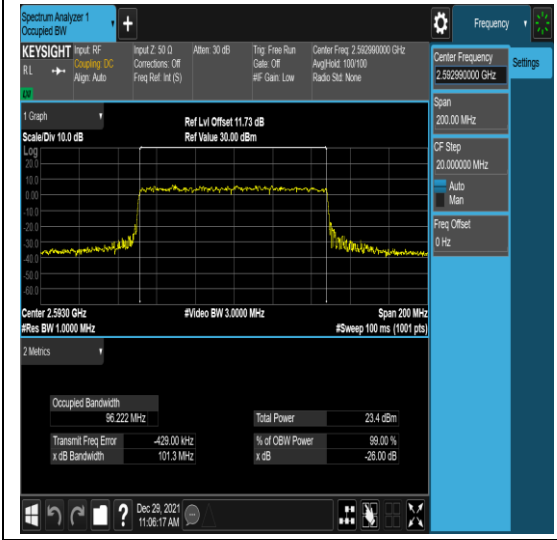


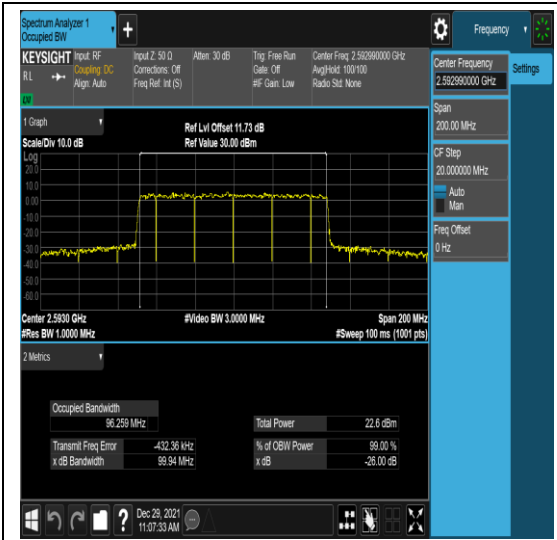


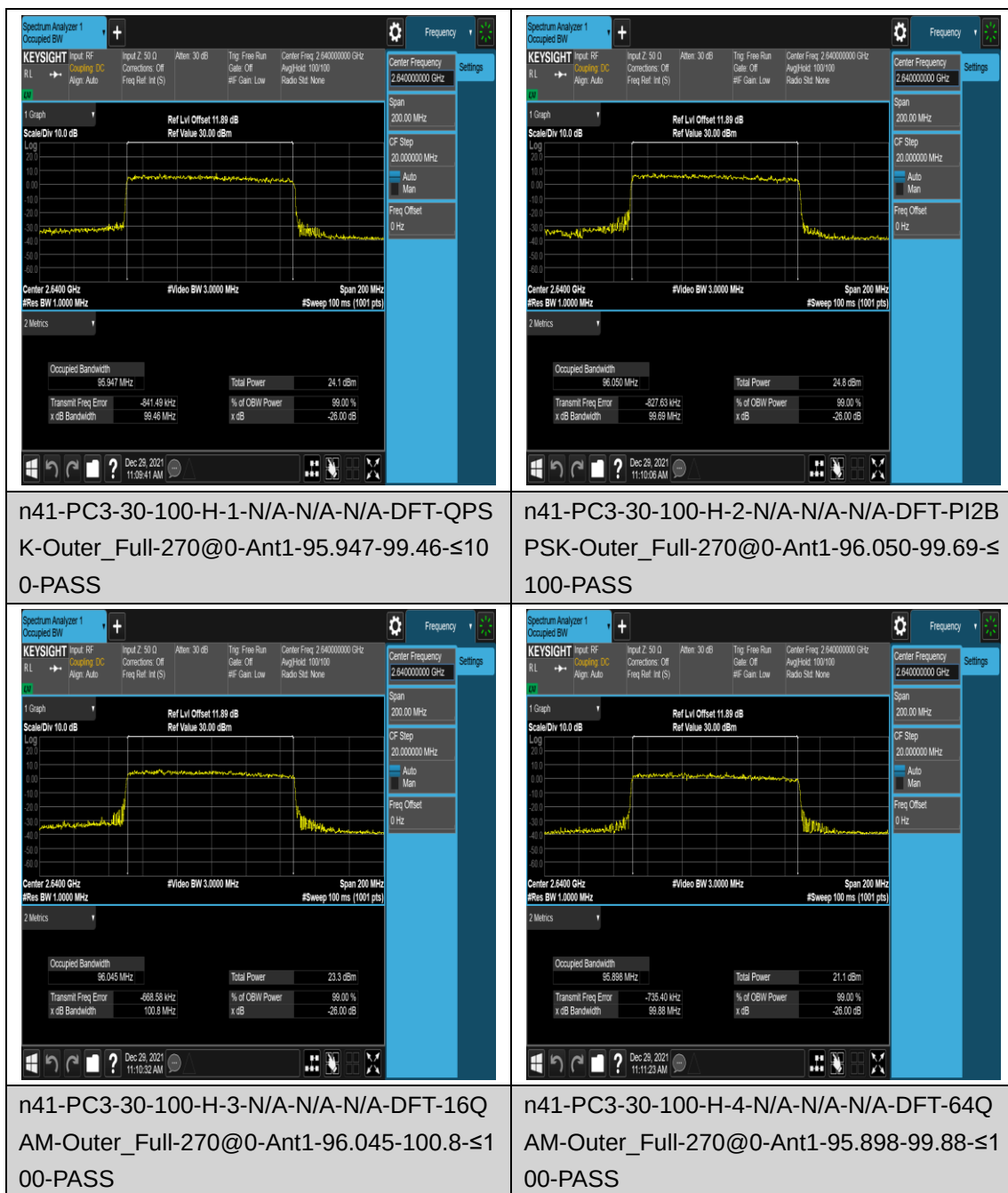




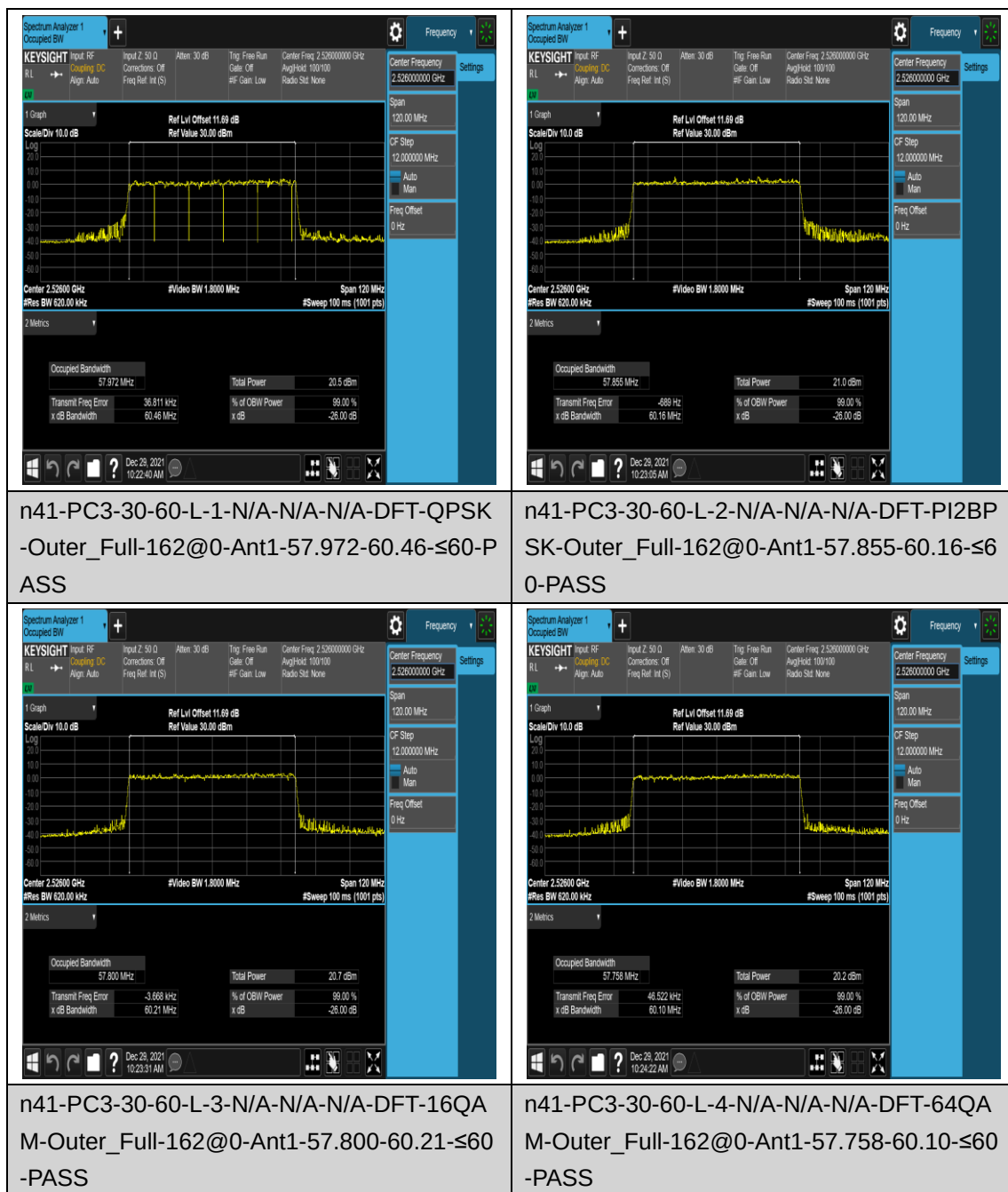
Center Frequency: 2.546010000 GHz Span: 200.00 MHz CF Step: 20.000000 MHz Auto Man Freq Offset: 0 Hz Center: 2.5460 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) 2 Metrics Occupied Bandwidth: 96.065 MHz Total Power: 19.8 dBm Transmit Freq Error: -350.95 kHz % of OBW Power: 99.00 % x dB Bandwidth: 99.58 MHz x dB: -26.00 dB Dec 28, 2021 11:03:17 AM	Center Frequency: 2.546010000 GHz Span: 200.00 MHz CF Step: 20.000000 MHz Auto Man Freq Offset: 0 Hz Center: 2.5460 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) 2 Metrics Occupied Bandwidth: 97.344 MHz Total Power: 19.8 dBm Transmit Freq Error: 43.564 kHz % of OBW Power: 99.00 % x dB Bandwidth: 100.7 MHz x dB: -26.00 dB Dec 28, 2021 11:03:43 AM
n41-PC3-30-100-L-5-N/A-N/A-N/A-CP-QPSK -Outer_Full-273@0-Ant1-96.065-99.58-≤100-PASS	n41-PC3-30-100-L-6-N/A-N/A-N/A-CP-16QA M-Outer_Full-273@0-Ant1-97.344-100.7-≤100-PASS
Center Frequency: 2.546010000 GHz Span: 200.00 MHz CF Step: 20.000000 MHz Auto Man Freq Offset: 0 Hz Center: 2.5460 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) 2 Metrics Occupied Bandwidth: 97.134 MHz Total Power: 19.7 dBm Transmit Freq Error: 56.718 kHz % of OBW Power: 99.00 % x dB Bandwidth: 100.6 MHz x dB: -26.00 dB Dec 28, 2021 11:04:09 AM	Center Frequency: 2.546010000 GHz Span: 200.00 MHz CF Step: 20.000000 MHz Auto Man Freq Offset: 0 Hz Center: 2.5460 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) 2 Metrics Occupied Bandwidth: 97.088 MHz Total Power: 19.8 dBm Transmit Freq Error: 57.276 kHz % of OBW Power: 99.00 % x dB Bandwidth: 100.8 MHz x dB: -26.00 dB Dec 28, 2021 11:04:34 AM
n41-PC3-30-100-L-7-N/A-N/A-N/A-CP-64QA M-Outer_Full-273@0-Ant1-97.134-100.6-≤100-PASS	n41-PC3-30-100-L-8-N/A-N/A-N/A-CP-256Q AM-Outer_Full-273@0-Ant1-97.088-100.8-≤100-PASS

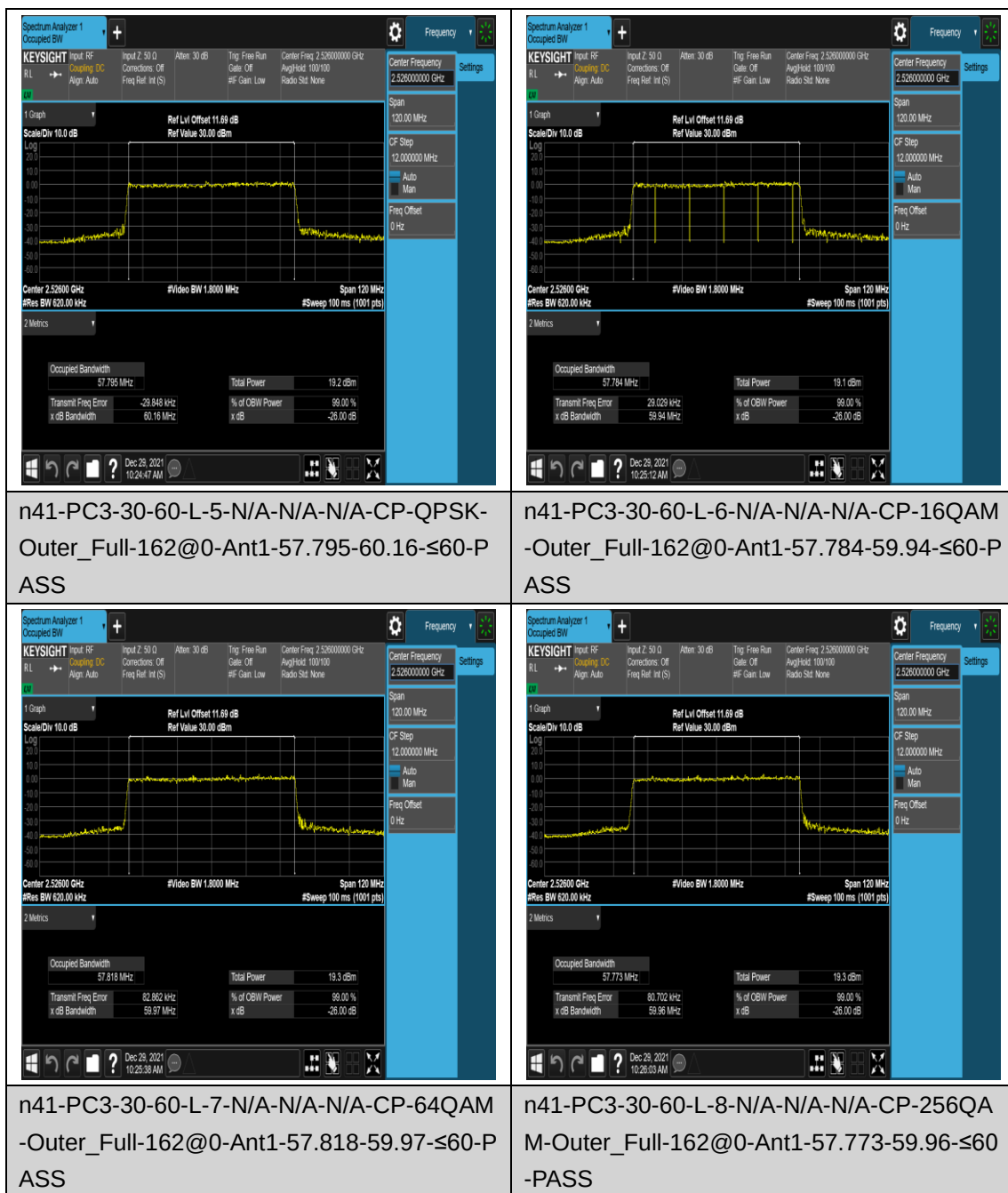
 Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Input 2.50 GHz Attenuation 30 dB Trigger Free Run Gate Off Center Freq 2.592990000 GHz Center Frequency 2.592990000 GHz 1 Graph Scale/Div 10.0 dB Ref Lvl Offset 11.73 dB Ref Value 30.00 dBm Center 2.5930 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) Occupied Bandwidth 96.055 MHz Total Power 24.5 dBm Transmit Freq Error -496.06 kHz % of OBW Power 99.00 % x dB Bandwidth 100.3 MHz x dB -26.00 dB Dec 28, 2021 11:05:26 AM	 Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Input 2.50 GHz Attenuation 30 dB Trigger Free Run Gate Off Center Freq 2.592990000 GHz Center Frequency 2.592990000 GHz 1 Graph Scale/Div 10.0 dB Ref Lvl Offset 11.73 dB Ref Value 30.00 dBm Center 2.5930 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) Occupied Bandwidth 96.206 MHz Total Power 24.8 dBm Transmit Freq Error -450.19 kHz % of OBW Power 99.00 % x dB Bandwidth 99.69 MHz x dB -26.00 dB Dec 28, 2021 11:05:51 AM
n41-PC3-30-100-M-1-N/A-N/A-N/A-DFT-QPS K-Outer_Full-270@0-Ant1-96.055-100.3-≤10 0-PASS	n41-PC3-30-100-M-2-N/A-N/A-N/A-DFT-PI2B PSK-Outer_Full-270@0-Ant1-96.206-99.69-≤ 100-PASS
 Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Input 2.50 GHz Attenuation 30 dB Trigger Free Run Gate Off Center Freq 2.592990000 GHz Center Frequency 2.592990000 GHz 1 Graph Scale/Div 10.0 dB Ref Lvl Offset 11.73 dB Ref Value 30.00 dBm Center 2.5930 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) Occupied Bandwidth 96.222 MHz Total Power 23.4 dBm Transmit Freq Error -428.00 kHz % of OBW Power 99.00 % x dB Bandwidth 101.3 MHz x dB -26.00 dB Dec 28, 2021 11:06:17 AM	 Spectrum Analyzer 1 Occupied BW KEYSIGHT Input RF Input 2.50 GHz Attenuation 30 dB Trigger Free Run Gate Off Center Freq 2.592990000 GHz Center Frequency 2.592990000 GHz 1 Graph Scale/Div 10.0 dB Ref Lvl Offset 11.73 dB Ref Value 30.00 dBm Center 2.5930 GHz #Video BW 3.0000 MHz Span 200 MHz #Res BW 1.0000 MHz #Sweep 100 ms (1001 pts) Occupied Bandwidth 95.874 MHz Total Power 21.1 dBm Transmit Freq Error -404.88 kHz % of OBW Power 99.00 % x dB Bandwidth 99.75 MHz x dB -26.00 dB Dec 28, 2021 11:07:07 AM
n41-PC3-30-100-M-3-N/A-N/A-N/A-DFT-16Q AM-Outer_Full-270@0-Ant1-96.222-101.3-≤1 00-PASS	n41-PC3-30-100-M-4-N/A-N/A-N/A-DFT-64Q AM-Outer_Full-270@0-Ant1-95.874-99.75-≤1 00-PASS

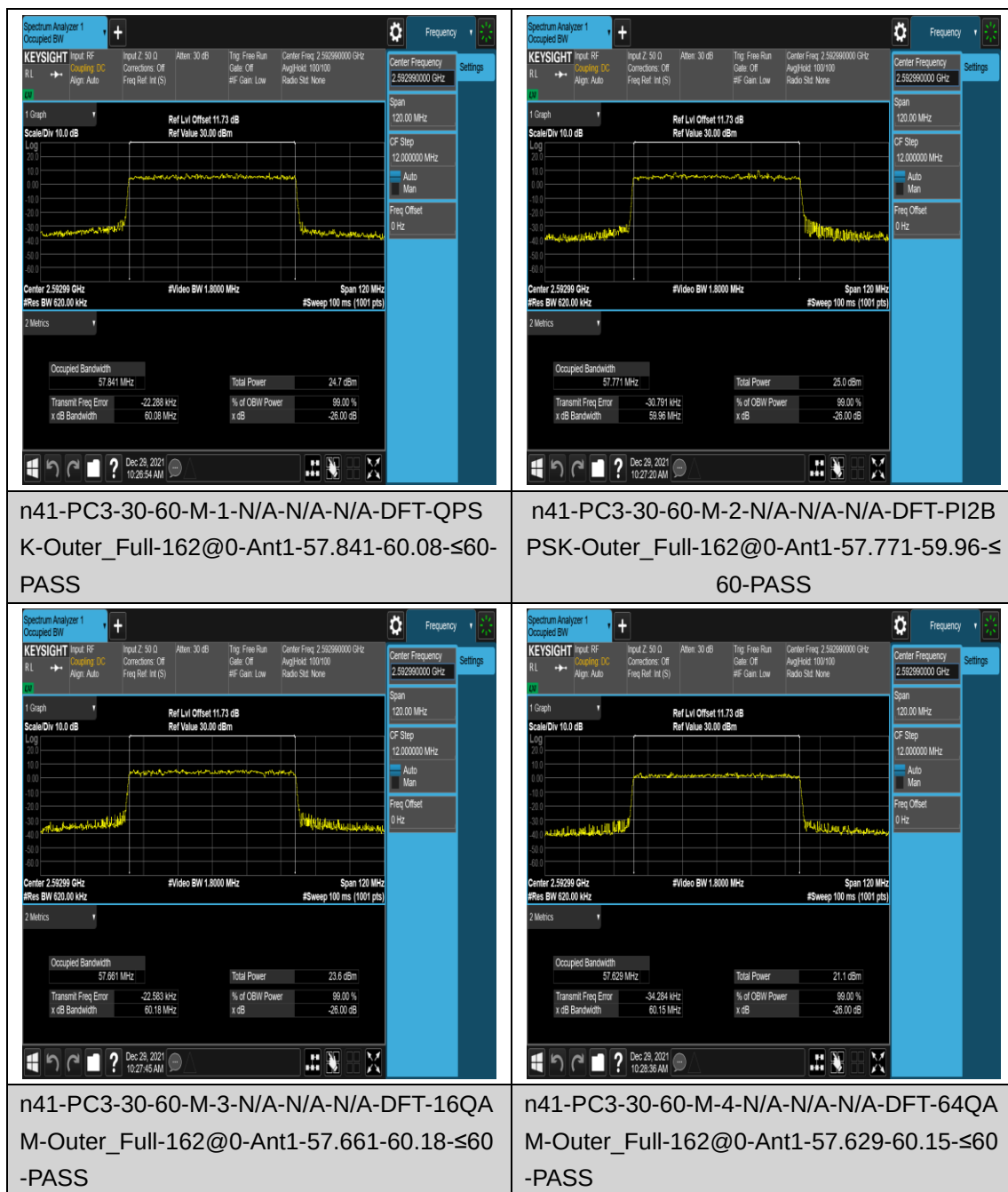
	
n41-PC3-30-100-M-5-N/A-N/A-N/A-CP-QPS K-Outer_Full-273@0-Ant1-96.259-99.94≤10 0-PASS	n41-PC3-30-100-M-6-N/A-N/A-N/A-CP-16QA M-Outer_Full-273@0-Ant1-97.370-100.4≤10 0-PASS
	
n41-PC3-30-100-M-7-N/A-N/A-N/A-CP-64QA M-Outer_Full-273@0-Ant1-97.001-100.6≤10 0-PASS	n41-PC3-30-100-M-8-N/A-N/A-N/A-CP-256Q AM-Outer_Full-273@0-Ant1-96.987-100.7≤1 00-PASS

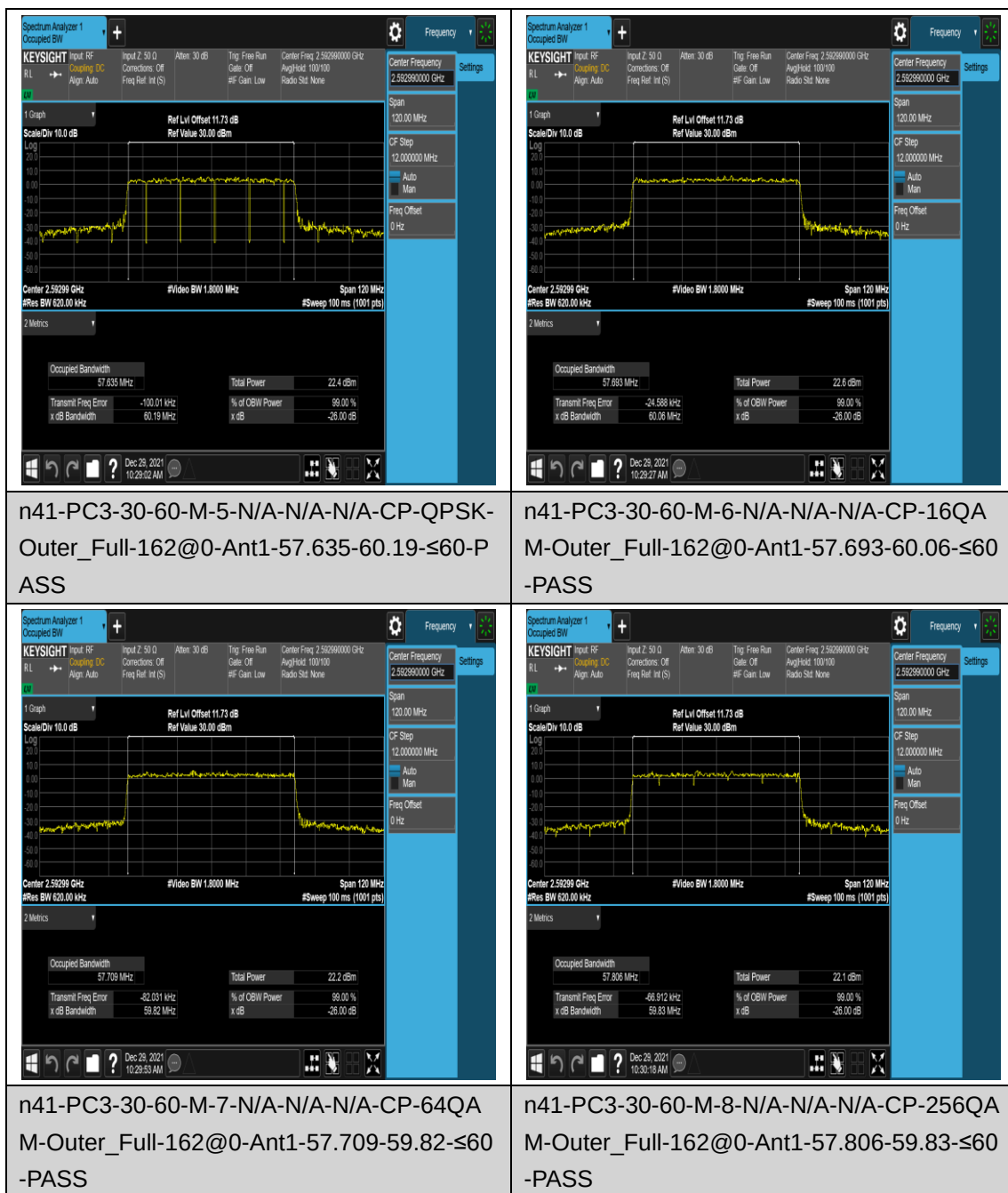


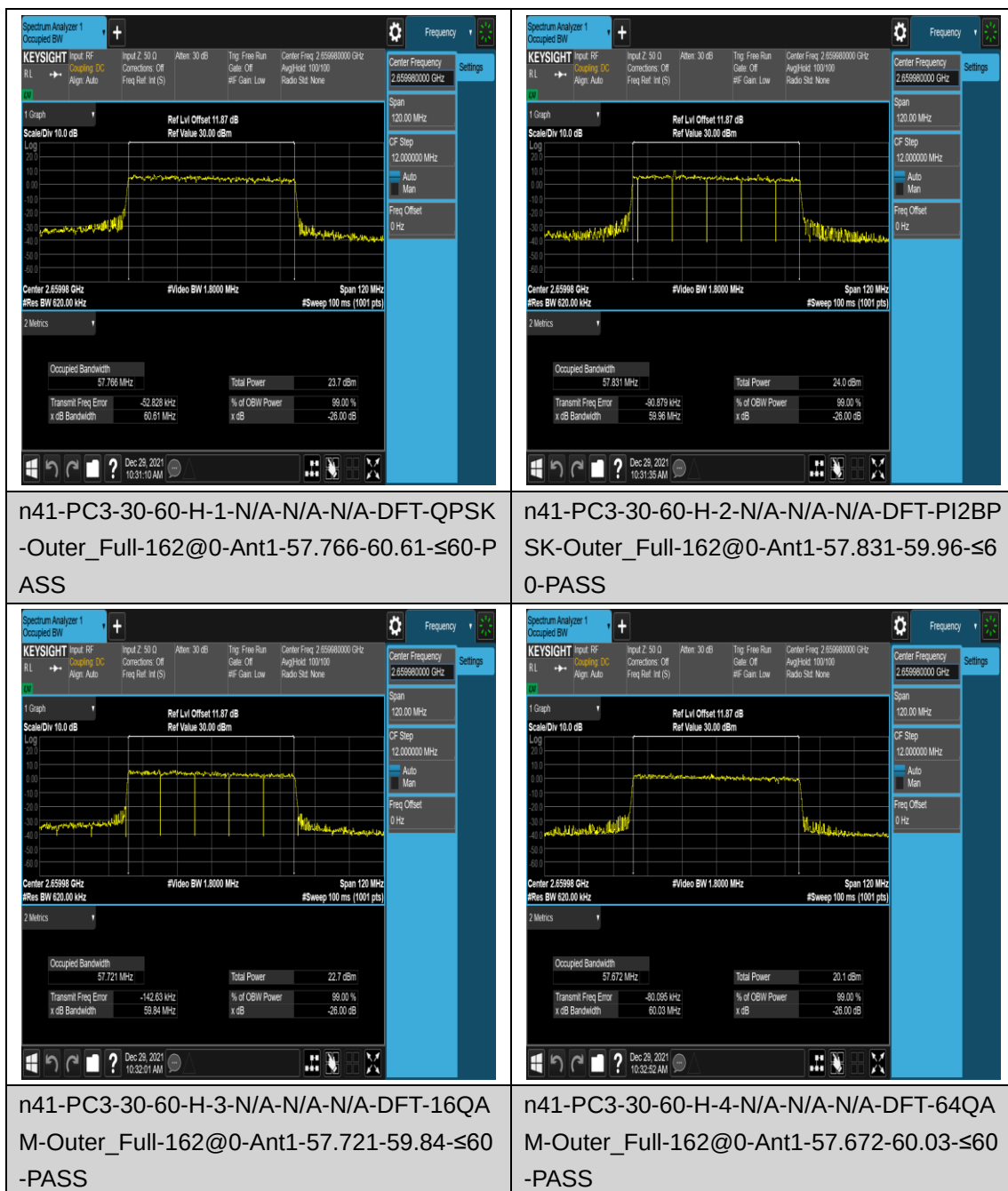
n41-PC3-30-100-H-5-N/A-N/A-N/A-CP-QPSK -Outer_Full-273@0-Ant1-96.040-99.47-≤100-PASS	n41-PC3-30-100-H-6-N/A-N/A-N/A-CP-16QA M-Outer_Full-273@0-Ant1-97.223-100.5-≤100-PASS
n41-PC3-30-100-H-7-N/A-N/A-N/A-CP-64QA M-Outer_Full-273@0-Ant1-96.870-100.5-≤100-PASS	n41-PC3-30-100-H-8-N/A-N/A-N/A-CP-256Q AM-Outer_Full-273@0-Ant1-97.006-100.6-≤100-PASS

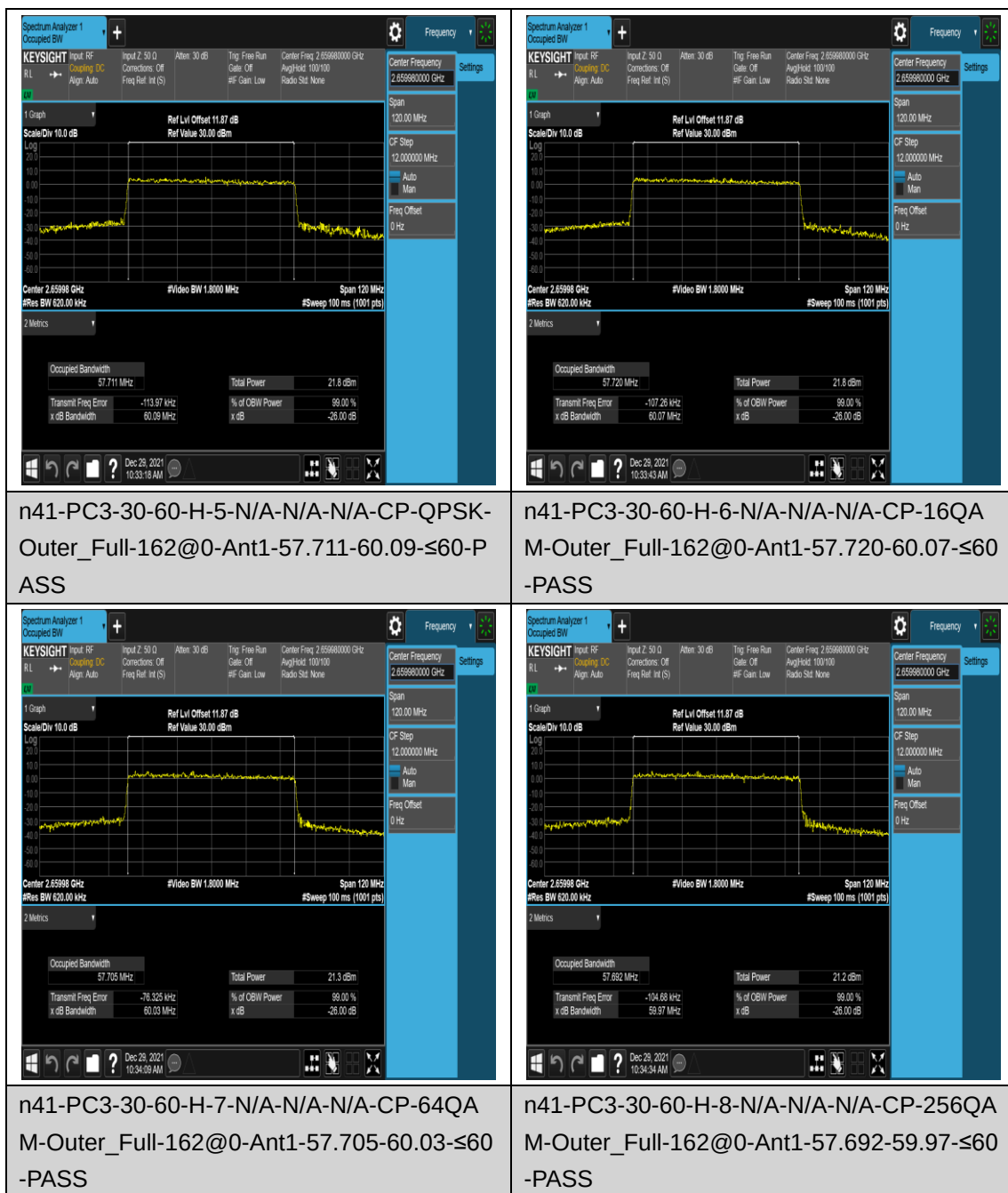












Appendix D: Band Edge

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
n41	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	20	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	20	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	20	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	20	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	20	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	20	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	20	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	30	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	30	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	30	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	30	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	30	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	30	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	30	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	30	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	40	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	40	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	40	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	40	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	40	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	40	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	40	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	50	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	50	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	50	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	50	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	50	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	50	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	50	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	50	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	80	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	80	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	80	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	80	CP-QPSK	L	Outer_Full	see graph	PASS

n41	30	80	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	80	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	80	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	80	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	90	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	90	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	90	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	90	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	90	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	90	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	90	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	90	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	100	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	100	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	100	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	100	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	100	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	100	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	100	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	100	CP-QPSK	H	Outer_Full	see graph	PASS
n41	30	60	DFT-PI2BPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	60	DFT-PI2BPSK	L	Outer_Full	see graph	PASS
n41	30	60	CP-QPSK	L	Edge_1RB_Left	see graph	PASS
n41	30	60	CP-QPSK	L	Outer_Full	see graph	PASS
n41	30	60	DFT-PI2BPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	60	DFT-PI2BPSK	H	Outer_Full	see graph	PASS
n41	30	60	CP-QPSK	H	Edge_1RB_Right	see graph	PASS
n41	30	60	CP-QPSK	H	Outer_Full	see graph	PASS