

Appendix for 30A_N5A

Product Name: 5G Indoor CPE

Model No: TITAN 5000

Appendix A: Average Power Output Data

Test Result

Band	SC S	Bandwidth h	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	22.39	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Inner_Full	23.37	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	22.36	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	22.38	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	21.49	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Inner_Full	22.36	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	21.75	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	21.05	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	22.36	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Inner_Full	23.37	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	22.15	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	22.22	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	21.34	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Inner_Full	22.19	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	21.16	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	21.96	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	22.71	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Inner_Full	23.71	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	22.79	PC3	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	22.66	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	21.62	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Inner_Full	22.61	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	21.60	PC3	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	22.06	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	22.46	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Inner_Full	23.46	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	22.64	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	22.31	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	21.48	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Inner_Full	22.45	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	21.34	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	21.56	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	22.56	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Inner_Full	23.51	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	22.63	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	22.92	PC3	PASS

DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	21.44	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Inner_Full	22.50	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	21.64	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	21.50	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	22.71	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Inner_Full	23.72	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	22.72	PC3	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	22.45	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	21.70	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Inner_Full	22.65	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	21.56	PC3	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	21.86	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	22.67	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Inner_Full	23.67	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	22.65	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	22.56	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	21.68	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Inner_Full	22.52	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	21.60	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	22.02	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	22.76	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Inner_Full	23.63	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	22.75	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	22.66	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	21.76	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Inner_Full	22.60	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	21.48	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	21.68	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	22.82	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Inner_Full	23.85	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	22.64	PC3	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	22.71	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	21.70	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Inner_Full	22.74	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	21.24	PC3	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	21.70	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	22.59	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Inner_Full	23.61	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	22.71	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	22.59	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	21.58	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Inner_Full	22.48	PC3	PASS

DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	21.81	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	21.28	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	22.70	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Inner_Full	23.68	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	22.63	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	22.35	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	21.72	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Inner_Full	22.70	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	21.51	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	21.55	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	22.71	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Inner_Full	23.73	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	22.39	PC3	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	22.54	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	21.74	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Inner_Full	22.60	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	21.79	PC3	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	21.25	PC3	PASS

Appendix B: Peak-to-Average Ratio for NSA

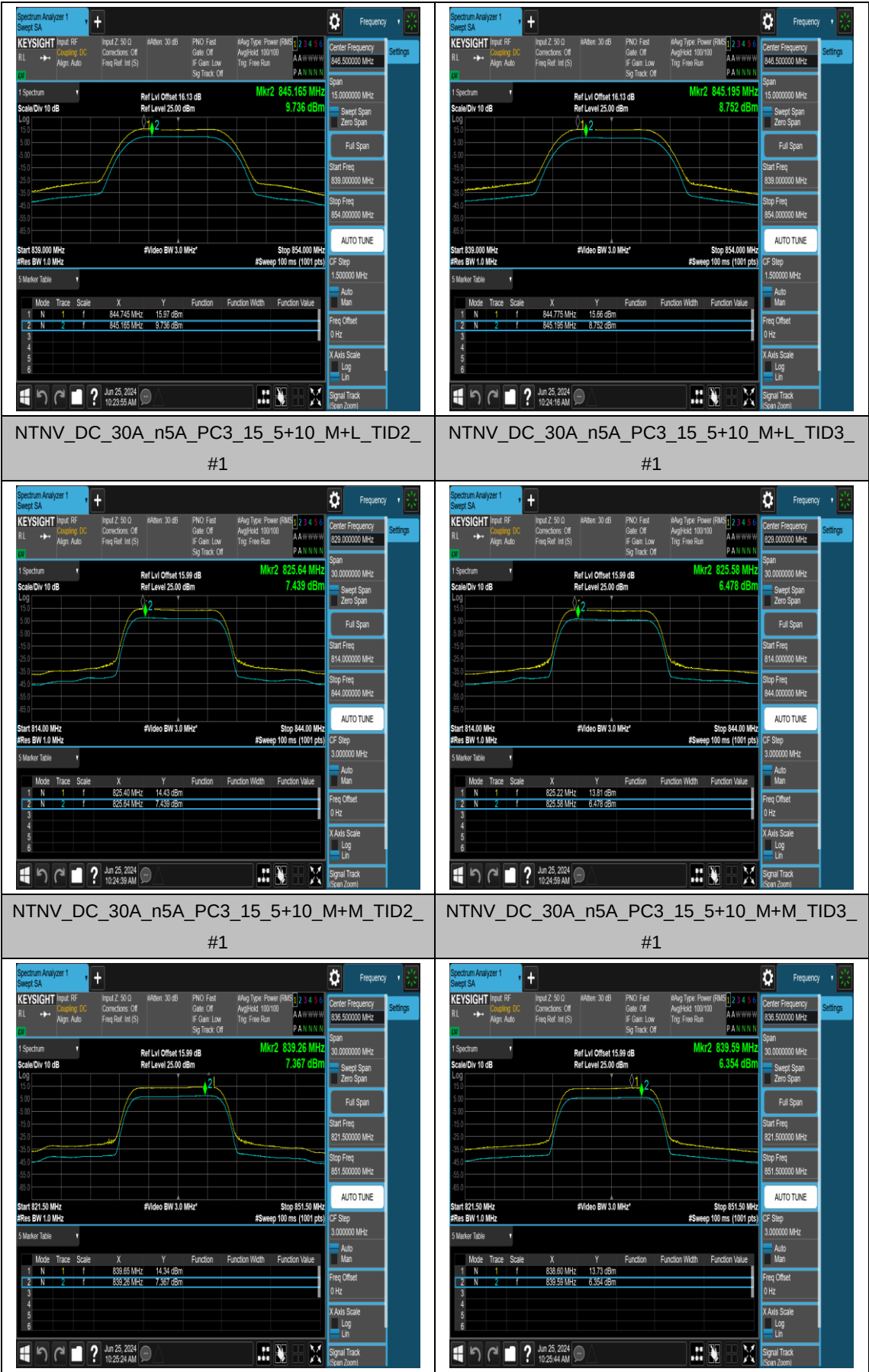
Peak-to-Average Ratio(PAPR)

Test Result

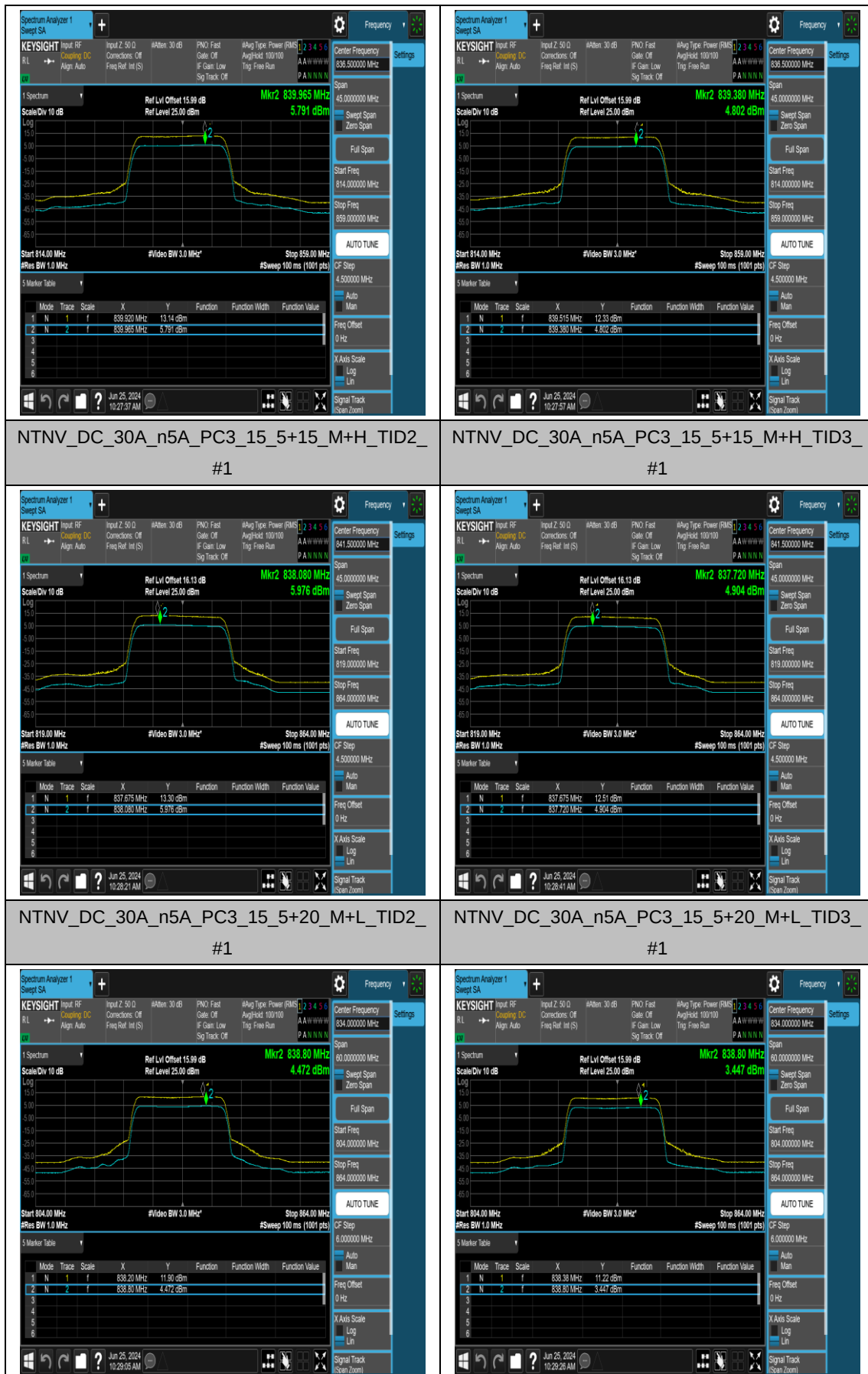
Band	SCS	Bandwidth h	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	100%	0.00	6.07	≤13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	100%	0.00	6.76	≤13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	100%	0.00	6.12	≤13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	100%	0.00	6.82	≤13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	100%	0.00	6.23	≤13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	100%	0.00	6.91	≤13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	100%	0.00	6.99	≤13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	100%	0.00	7.33	≤13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	100%	0.00	6.97	≤13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	100%	0.00	7.38	≤13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	100%	0.00	6.99	≤13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	100%	0.00	7.43	≤13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	100%	0.00	7.37	≤13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	100%	0.00	7.59	≤13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	100%	0.00	7.35	≤13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	100%	0.00	7.53	≤13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	100%	0.00	7.32	≤13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	100%	0.00	7.61	≤13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	100%	0.00	7.43	≤13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	100%	0.00	7.77	≤13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	100%	0.00	7.50	≤13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	100%	0.00	7.57	≤13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	100%	0.00	7.48	≤13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	100%	0.00	7.75	≤13	PASS

Test Graphs











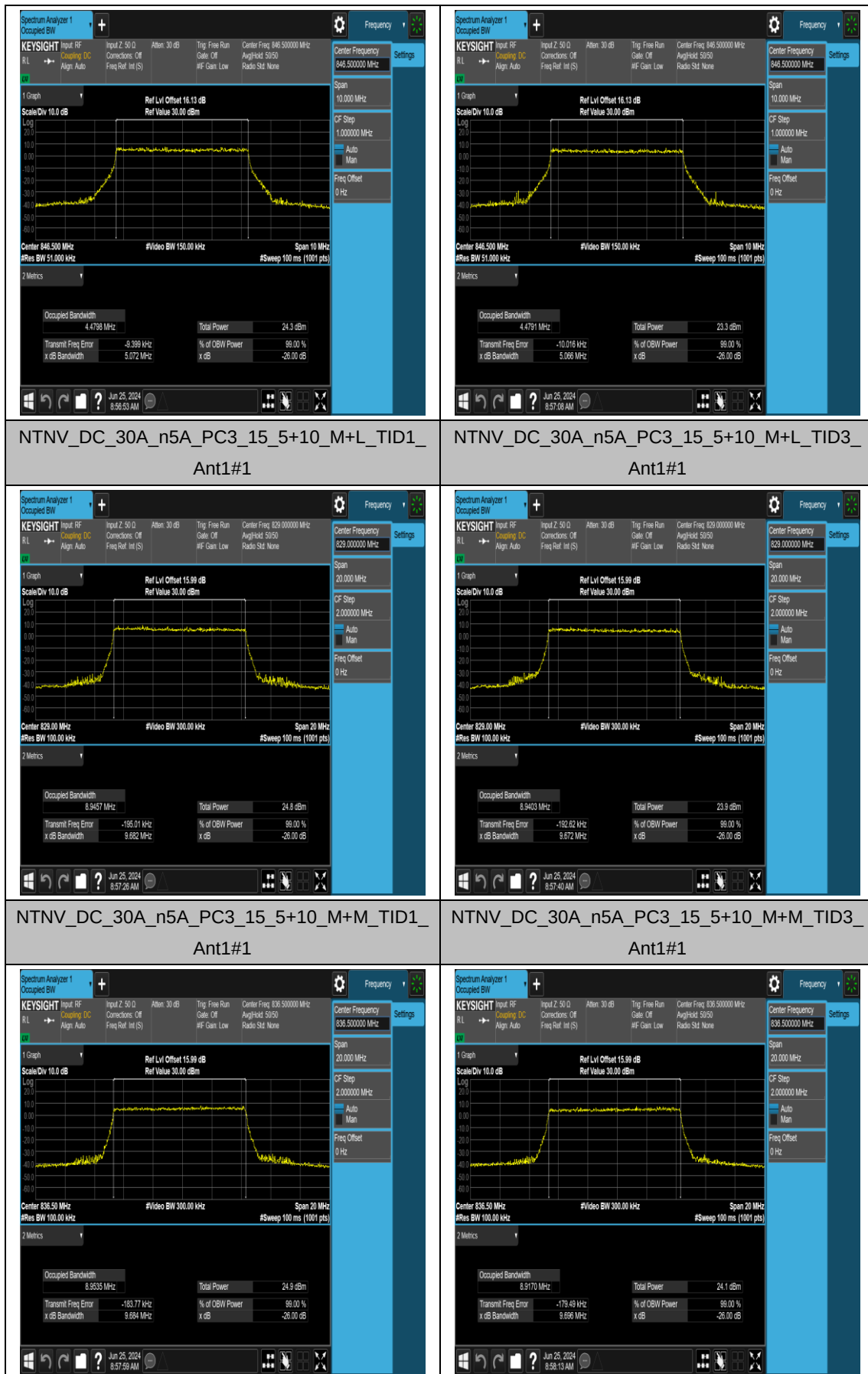
Appendix C: 26dB Bandwidth and Occupied Bandwidth for NSA

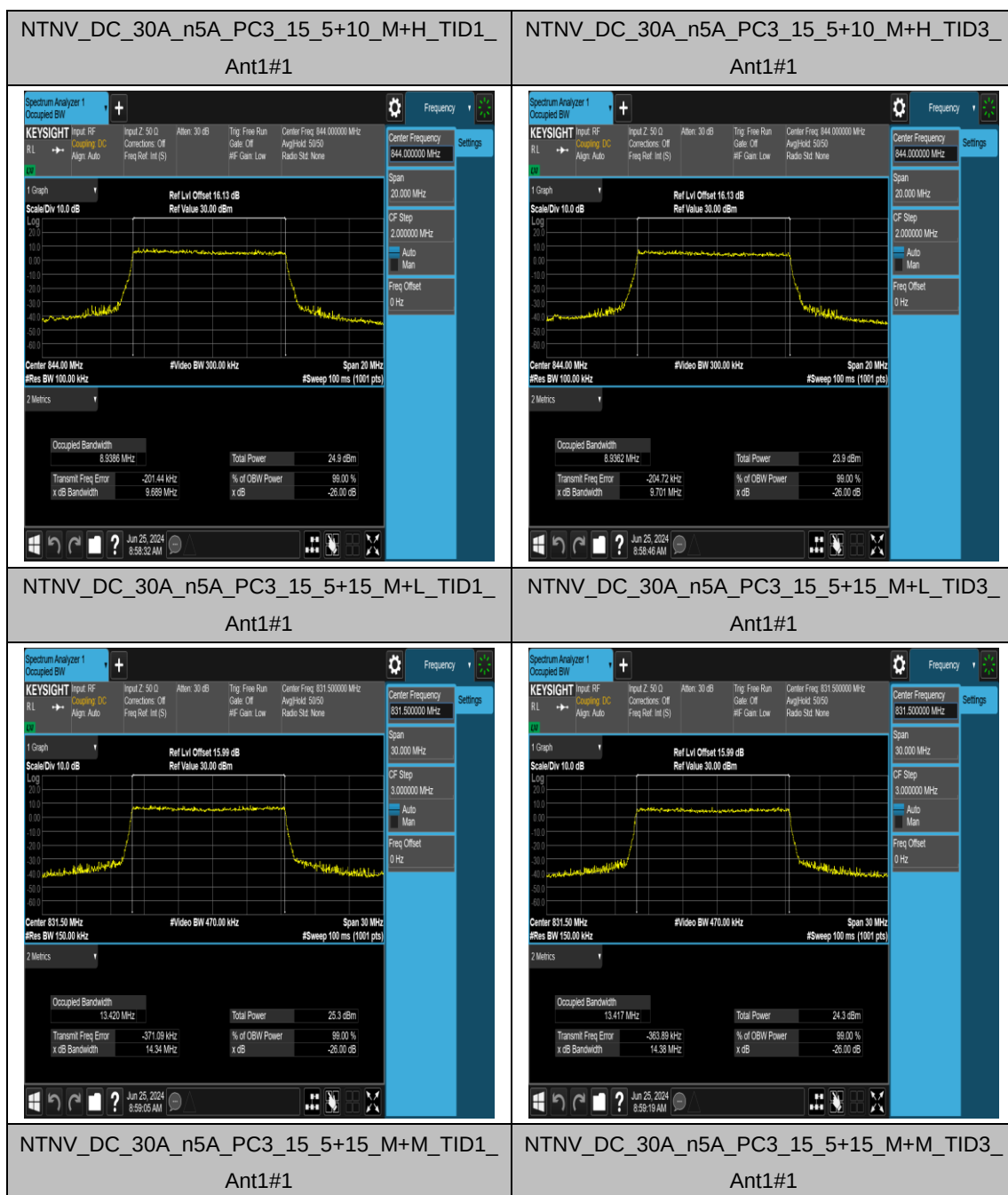
Test Result

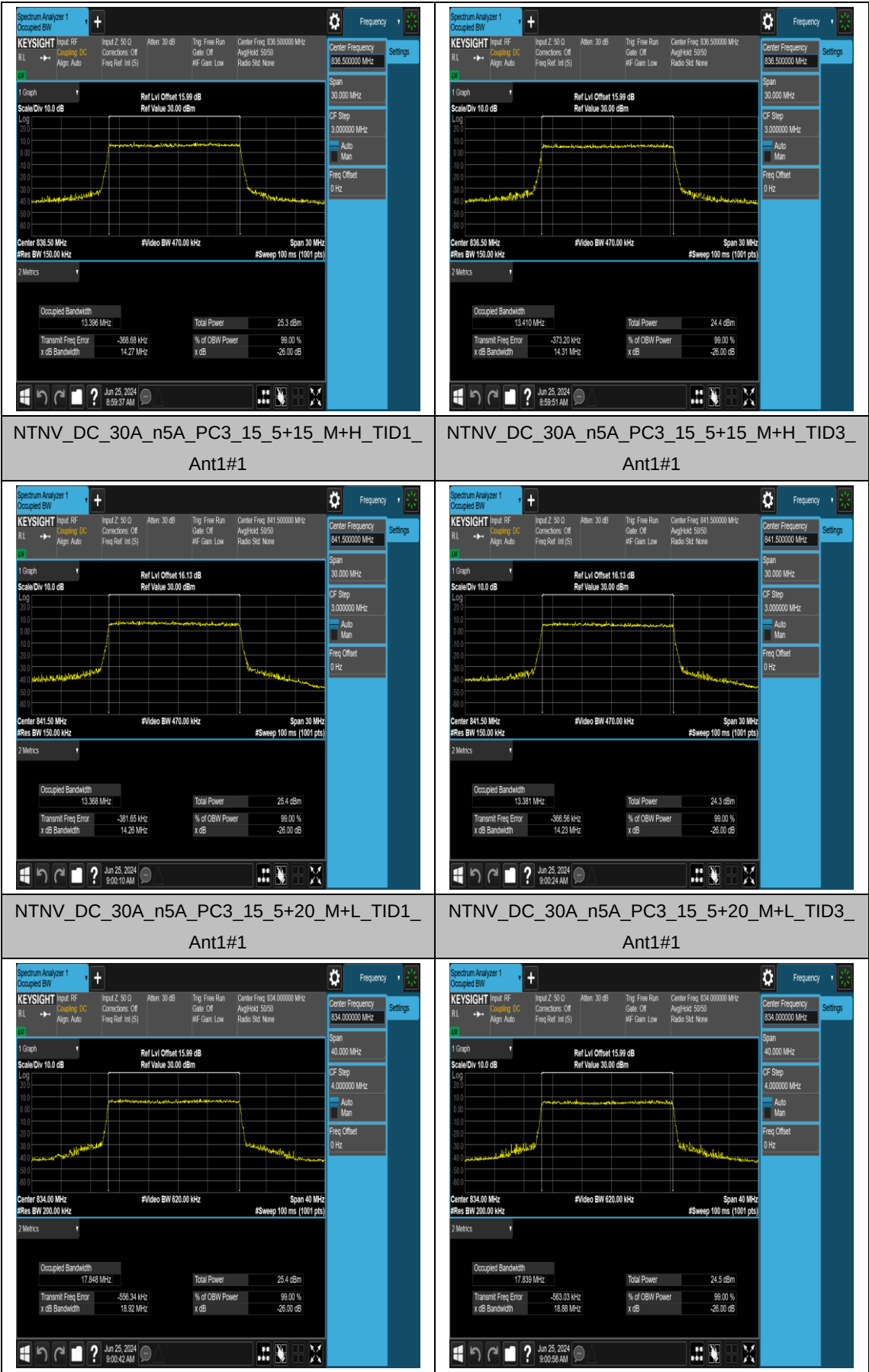
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	4.4709	5.005	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	4.4787	5.059	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.4747	5.120	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.4762	5.027	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	4.4798	5.072	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	4.4791	5.066	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	8.9457	9.682	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	8.9403	9.672	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.9535	9.684	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.9170	9.696	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	8.9386	9.689	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	8.9362	9.701	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	13.420	14.34	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	13.417	14.38	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.396	14.27	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.410	14.31	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	13.368	14.26	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	13.381	14.23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	17.848	18.92	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	17.839	18.88	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.812	18.86	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.833	18.92	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	17.798	18.84	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	17.832	18.87	PASS

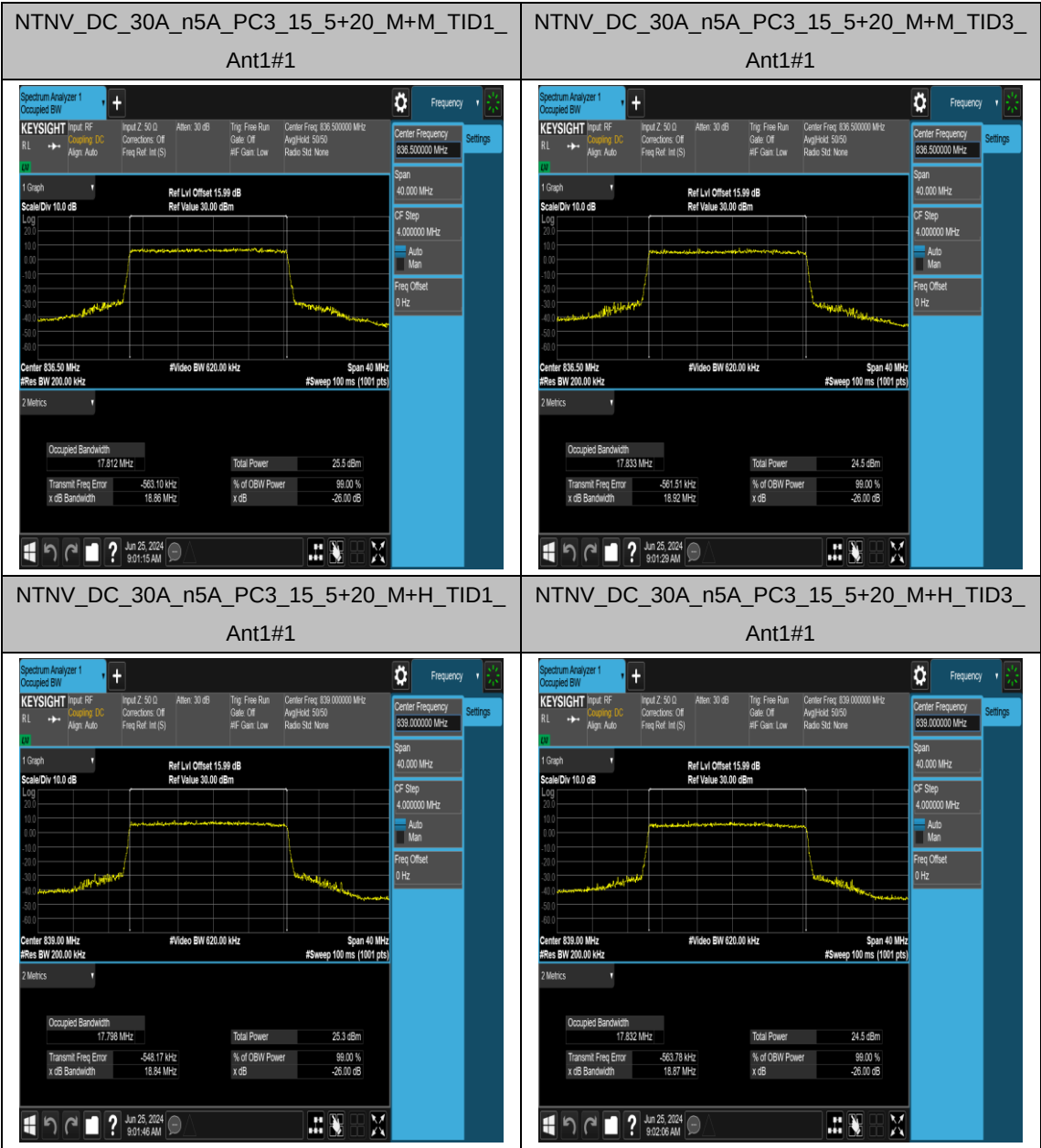
The figure displays four screenshots of a Spectrum Analyzer, each showing a power spectral density (PSD) plot for a different antenna configuration. The plots are arranged in a 2x2 grid. Each plot shows a signal centered at 826.500 MHz with a span of 10 MHz. The plots are labeled with their respective antenna configurations: NTNV_DC_30A_n5A_PC3_15_5+5_M+L_TID1_A, NTNV_DC_30A_n5A_PC3_15_5+5_M+L_TID3_A, NTNV_DC_30A_n5A_PC3_15_5+5_M+M_TID1_A, and NTNV_DC_30A_n5A_PC3_15_5+5_M+M_TID3_A. The plots show a peak in the power spectral density at the center frequency, with the power level varying slightly between configurations. The x-axis represents frequency in MHz, and the y-axis represents power in dBm. The plots are labeled with their respective antenna configurations: nt1#1, nt1#1, Ant1#1, and Ant1#1.

Configuration	Center Frequency (MHz)	Span (MHz)	Occupied Bandwidth (MHz)	Total Power (dBm)	Transmit Freq Error (kHz)	% of OBW Power	x dB Bandwidth
NTNV_DC_30A_n5A_PC3_15_5+5_M+L_TID1_A (nt1#1)	826.500000	10.000	4.4709	24.5	-8.728	99.00 %	5.005
NTNV_DC_30A_n5A_PC3_15_5+5_M+L_TID3_A (nt1#1)	826.500000	10.000	4.4787	23.5	-8.614	99.00 %	5.059
NTNV_DC_30A_n5A_PC3_15_5+5_M+M_TID1_A (Ant1#1)	836.500000	10.000	4.4747	24.5	-7.095	99.00 %	5.120
NTNV_DC_30A_n5A_PC3_15_5+5_M+M_TID3_A (Ant1#1)	836.500000	10.000	4.4762	23.6	-6.198	99.00 %	5.027







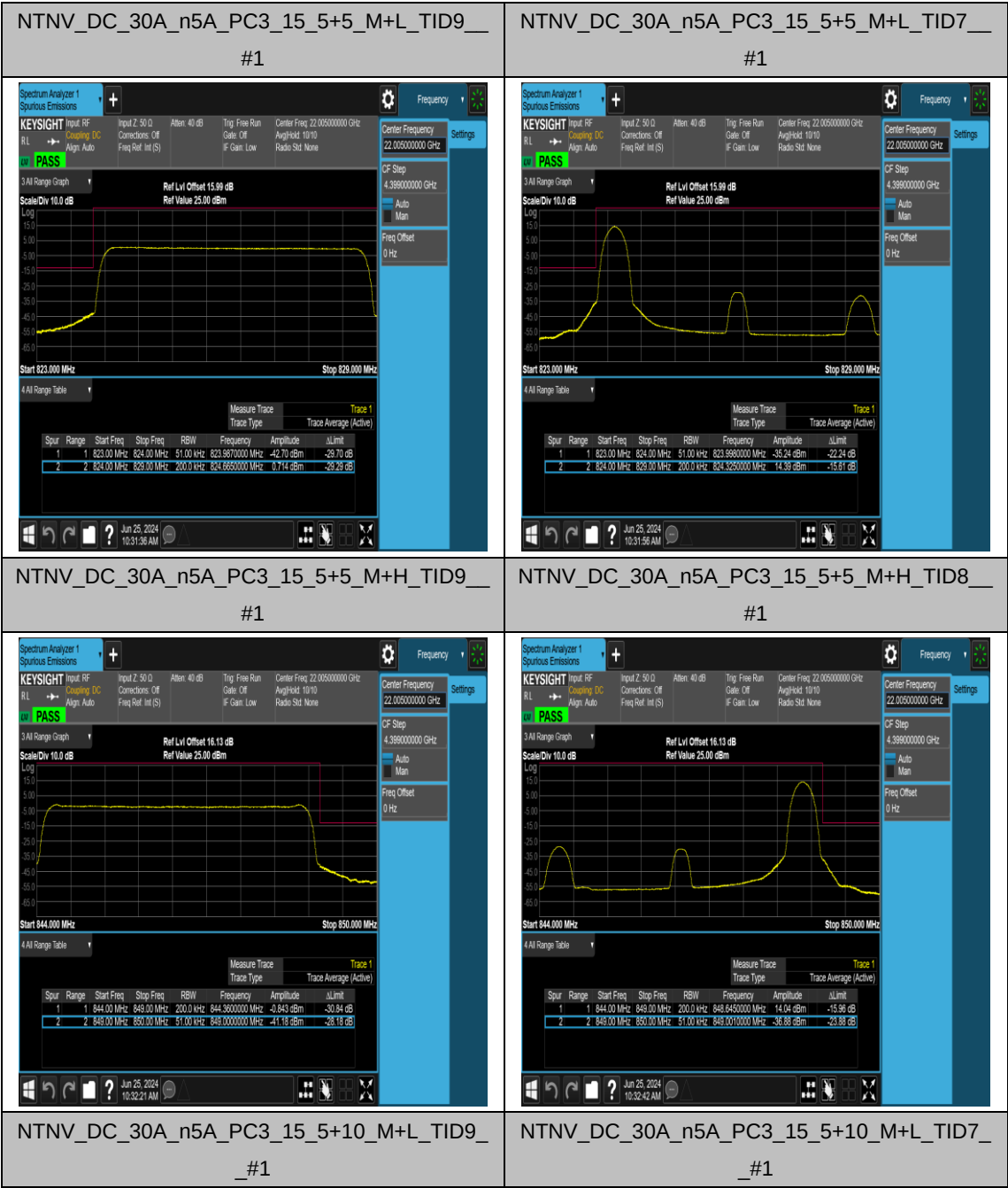


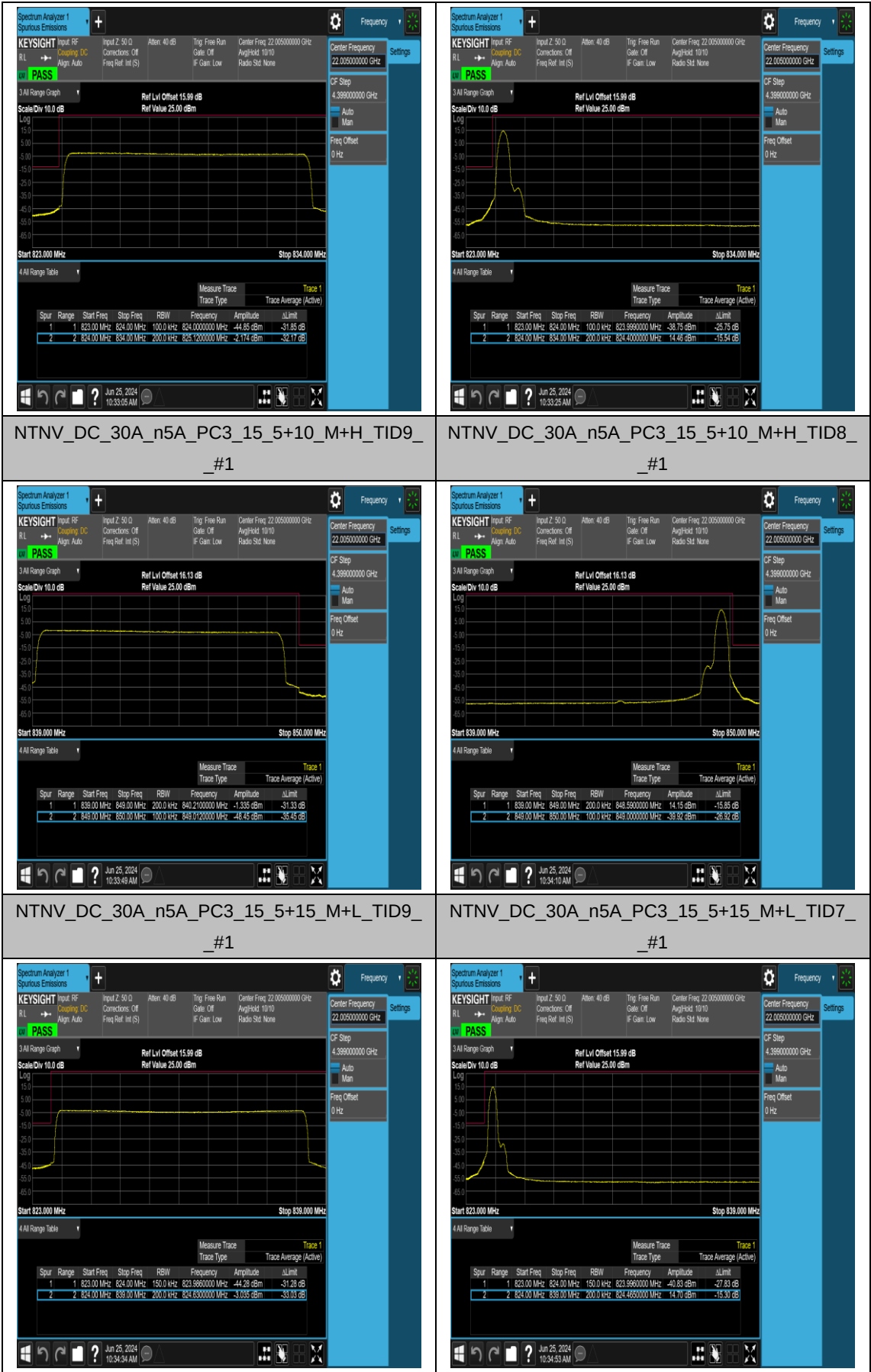
Appendix D: Band Edge for NSA

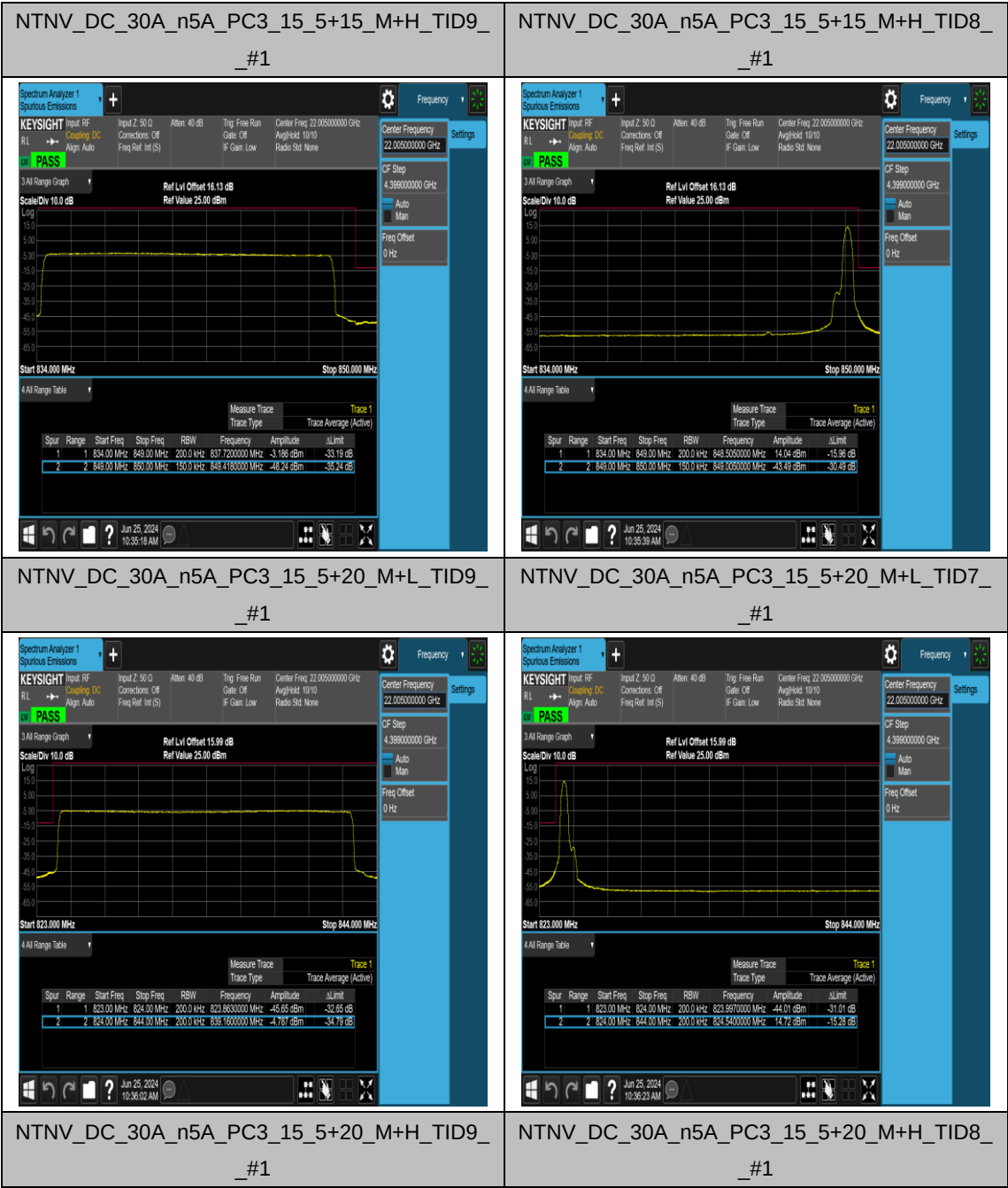
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Margin	Verdict
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	-42.70	29.70	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	-35.24	22.24	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	-41.18	28.18	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	-36.88	23.88	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	-44.85	31.85	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	-38.75	25.75	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	-48.45	35.45	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	-39.92	26.92	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	-44.28	31.28	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	-40.83	27.83	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	-48.24	35.24	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	-43.49	30.49	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	-45.65	32.65	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	-44.01	31.01	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	-47.61	34.61	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	-44.20	31.20	PASS

Test Graphs









Appendix E: Conducted Spurious Emission for NSA

Test Result

Band	SC S	Band width	Modulation	Chan nel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-66.27	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	0.15	30	-75.92	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	30	1000	-48.50	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	1000	3000	-38.44	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	3000	12000	-46.73	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-65.35	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-73.61	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-47.15	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-39.70	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-47.03	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-64.02	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-73.28	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-54.98	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-39.29	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-47.05	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	0.009	0.15	-64.54	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	0.15	30	-75.86	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	30	1000	-47.39	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	1000	3000	-39.62	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	3000	12000	-35.90	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	0.009	0.15	-64.50	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	0.15	30	-72.19	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	30	1000	-48.82	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	1000	3000	-38.50	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	3000	12000	-47.06	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	0.009	0.15	-64.38	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	0.15	30	-74.79	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	30	1000	-55.12	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	1000	3000	-39.47	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	3000	12000	-46.83	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-65.43	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	0.15	30	-74.11	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	30	1000	-55.12	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	1000	3000	-38.32	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.98	-13	PASS

DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-64.40	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-73.07	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-55.24	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-39.44	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-46.97	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-65.63	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-72.64	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.23	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-32.48	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-46.72	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	0.009	0.15	-65.50	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	0.15	30	-75.54	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	30	1000	-55.24	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	1000	3000	-39.61	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	3000	12000	-46.96	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	0.009	0.15	-64.78	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	0.15	30	-72.59	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	30	1000	-55.26	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	1000	3000	-38.70	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	3000	12000	-46.90	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	0.009	0.15	-66.28	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	0.15	30	-74.90	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	30	1000	-55.45	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	1000	3000	-39.67	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	3000	12000	-46.89	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-65.78	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	0.15	30	-75.97	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	30	1000	-46.40	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.48	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.89	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.54	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-74.88	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-54.73	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-38.28	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.92	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-64.67	-33	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-74.55	-23	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-52.55	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-37.01	-13	PASS
DC_30A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-46.89	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	0.009	0.15	-64.62	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	0.15	30	-73.87	-23	PASS

DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	30	1000	-47.03	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	1000	3000	-36.79	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	3000	12000	-46.99	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	0.009	0.15	-65.83	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	0.15	30	-73.60	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	30	1000	-54.91	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	1000	3000	-39.54	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	3000	12000	-46.89	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	0.009	0.15	-64.53	-33	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	0.15	30	-73.44	-23	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	30	1000	-53.26	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	1000	3000	-39.40	-13	PASS
DC_30A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	3000	12000	-47.10	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-64.66	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	0.15	30	-74.65	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	30	1000	-45.28	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	1000	3000	-39.56	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	3000	12000	-47.00	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-65.77	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-73.52	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-52.61	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-17.79	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-46.83	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-65.14	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-72.47	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-55.36	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-36.82	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-46.97	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	0.009	0.15	-65.24	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	0.15	30	-75.47	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	30	1000	-47.90	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	1000	3000	-38.52	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	3000	12000	-46.90	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	0.009	0.15	-65.13	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	0.15	30	-75.02	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	30	1000	-53.28	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	1000	3000	-39.57	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	3000	12000	-46.90	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	0.009	0.15	-66.34	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	0.15	30	-72.95	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	30	1000	-55.36	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	1000	3000	-39.55	-13	PASS

DC_30A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	3000	12000	-46.76	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-65.75	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	0.15	30	-75.15	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	30	1000	-50.21	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	1000	3000	-39.58	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.99	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-64.93	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-73.71	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-55.33	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-37.14	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-35.95	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-64.64	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-73.84	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.31	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-39.47	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-46.74	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	0.009	0.15	-65.08	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	0.15	30	-75.06	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	30	1000	-51.56	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	1000	3000	-39.59	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	3000	12000	-47.06	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	0.009	0.15	-65.93	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	0.15	30	-74.67	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	30	1000	-55.40	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	1000	3000	-38.31	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	3000	12000	-47.00	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	0.009	0.15	-65.41	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	0.15	30	-74.35	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	30	1000	-55.38	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	1000	3000	-39.49	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	3000	12000	-46.92	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-66.41	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	0.15	30	-74.73	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	30	1000	-48.54	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.67	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	3000	12000	-35.80	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-64.15	-33	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-72.49	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-55.09	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-39.64	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.94	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-65.44	-33	PASS

DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-72.13	-23	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-52.75	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-39.54	-13	PASS
DC_30A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-46.96	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	0.009	0.15	-63.27	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	0.15	30	-74.57	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	30	1000	-48.70	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	1000	3000	-39.59	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	3000	12000	-46.80	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	0.009	0.15	-65.98	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	0.15	30	-73.82	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	30	1000	-55.34	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	1000	3000	-38.28	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	3000	12000	-46.95	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	0.009	0.15	-65.31	-33	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	0.15	30	-74.52	-23	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	30	1000	-54.01	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	1000	3000	-38.33	-13	PASS
DC_30A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	3000	12000	-46.83	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-65.73	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	0.15	30	-75.22	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	30	1000	-46.99	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	1000	3000	-39.55	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	3000	12000	-46.95	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-63.56	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-73.26	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-51.78	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-39.59	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-47.09	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-64.50	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-74.25	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-55.16	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-39.50	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-47.02	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	0.009	0.15	-65.66	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	0.15	30	-75.85	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	30	1000	-48.60	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	1000	3000	-38.30	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	3000	12000	-46.84	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	0.009	0.15	-63.71	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	0.15	30	-72.84	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	30	1000	-50.14	-13	PASS

DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	1000	3000	-38.44	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	3000	12000	-47.01	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	0.009	0.15	-64.60	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	0.15	30	-74.07	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	30	1000	-55.36	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	1000	3000	-39.58	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	3000	12000	-47.06	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-65.17	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	0.15	30	-75.77	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	30	1000	-50.56	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	1000	3000	-39.63	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.86	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.14	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-71.97	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-55.27	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-39.50	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-46.96	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-64.78	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-74.52	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.21	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-39.67	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-35.97	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	0.009	0.15	-65.70	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	0.15	30	-74.82	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	30	1000	-50.82	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	1000	3000	-39.03	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	3000	12000	-46.84	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	0.009	0.15	-65.07	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	0.15	30	-74.14	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	30	1000	-54.95	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	1000	3000	-38.33	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	3000	12000	-46.93	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	0.009	0.15	-65.39	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	0.15	30	-75.33	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	30	1000	-55.35	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	1000	3000	-38.27	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	3000	12000	-46.67	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-65.78	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	0.15	30	-74.13	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	30	1000	-47.87	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	1000	3000	-36.45	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.93	-13	PASS

DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-65.08	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-72.38	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-55.30	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-38.84	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.73	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-65.31	-33	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-73.08	-23	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-54.11	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-39.60	-13	PASS
DC_30A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-47.05	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	0.009	0.15	-66.21	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	0.15	30	-76.46	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	30	1000	-49.78	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	1000	3000	-38.76	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	3000	12000	-36.02	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	0.009	0.15	-65.16	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	0.15	30	-73.18	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	30	1000	-55.23	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	1000	3000	-39.58	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	3000	12000	-46.96	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	0.009	0.15	-65.23	-33	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	0.15	30	-73.97	-23	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	30	1000	-54.03	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	1000	3000	-36.79	-13	PASS
DC_30A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	3000	12000	-46.94	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-65.60	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	0.15	30	-75.67	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	30	1000	-45.62	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	1000	3000	-39.55	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	3000	12000	-46.94	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-65.57	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-73.81	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-54.34	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-38.12	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-46.90	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-65.29	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-73.94	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-55.05	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-38.48	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-46.93	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	0.009	0.15	-65.70	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	0.15	30	-72.73	-23	PASS

DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	30	1000	-48.19	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	1000	3000	-39.10	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	3000	12000	-46.88	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	0.009	0.15	-64.52	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	0.15	30	-73.54	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	30	1000	-54.95	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	1000	3000	-39.46	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	3000	12000	-46.91	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	0.009	0.15	-65.63	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	0.15	30	-72.81	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	30	1000	-55.28	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	1000	3000	-39.39	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	3000	12000	-46.85	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-65.62	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	0.15	30	-74.66	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	30	1000	-49.96	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	1000	3000	-39.63	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.82	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-65.38	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-73.67	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-55.19	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-39.56	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-46.83	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-64.86	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-74.45	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.13	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-17.17	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-35.76	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	0.009	0.15	-65.46	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	0.15	30	-75.34	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	30	1000	-50.69	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	1000	3000	-39.55	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	3000	12000	-46.95	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	0.009	0.15	-65.02	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	0.15	30	-72.69	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	30	1000	-55.23	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	1000	3000	-38.18	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	3000	12000	-46.99	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	0.009	0.15	-65.45	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	0.15	30	-74.07	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	30	1000	-54.97	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	1000	3000	-39.30	-13	PASS

DC_30A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	3000	12000	-46.80	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-65.47	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	0.15	30	-75.99	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	30	1000	-47.91	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.65	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.90	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-64.79	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-74.37	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-55.33	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-39.62	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-35.69	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-66.04	-33	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-73.78	-23	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-53.43	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-39.63	-13	PASS
DC_30A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-46.77	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	0.009	0.15	-64.89	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	0.15	30	-75.67	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	30	1000	-48.82	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	1000	3000	-38.31	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	3000	12000	-46.97	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	0.009	0.15	-64.99	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	0.15	30	-74.77	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	30	1000	-55.25	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	1000	3000	-39.64	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	3000	12000	-46.79	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	0.009	0.15	-65.69	-33	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	0.15	30	-73.99	-23	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	30	1000	-54.39	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	1000	3000	-39.61	-13	PASS
DC_30A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	3000	12000	-46.98	-13	PASS