

APPENDIX A

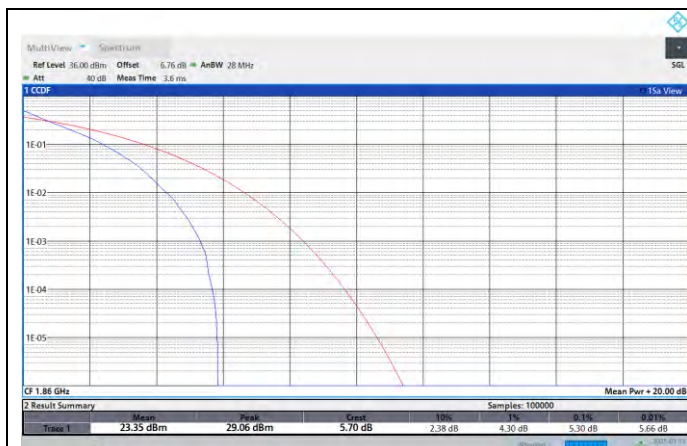
N2

PEAK-TO-AVERAGE RATIO(CCDF)

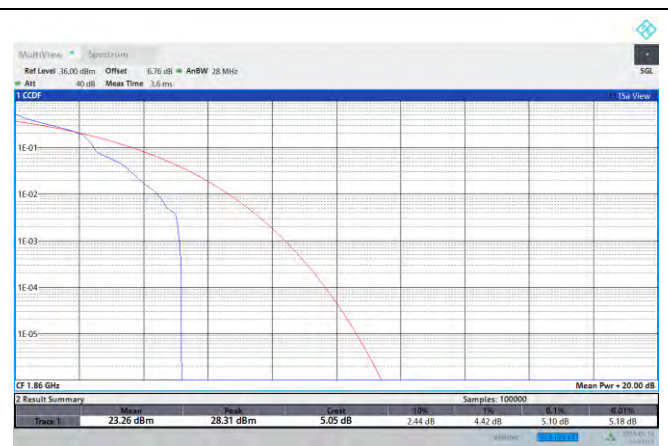
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N2	15	20MHz	DFT-QPSK	L	Outer_Full	5.30	13	PASS
N2	15	20MHz	DFT-QPSK	L	Edge_1RB_Left	5.10	13	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	5.48	13	PASS
N2	15	20MHz	DFT-QPSK	M	Edge_1RB_Left	5.74	13	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	5.34	13	PASS
N2	15	20MHz	DFT-QPSK	H	Edge_1RB_Left	5.24	13	PASS

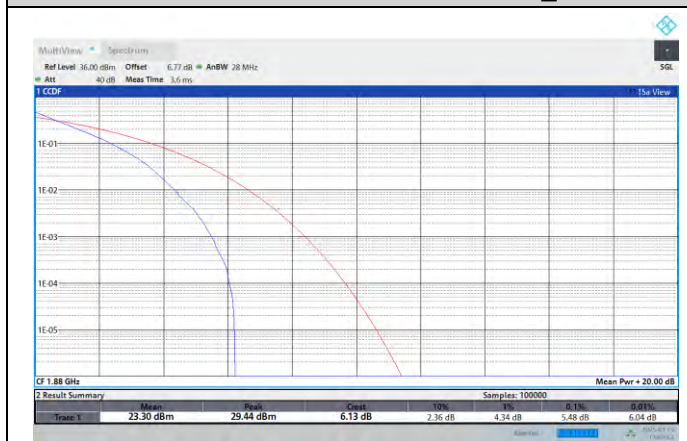
Test Graphs



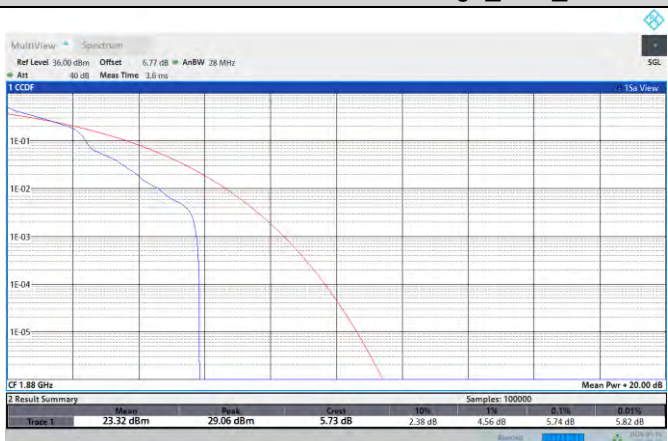
N2-PC3-20MHz-L-DFT-QPSK-Outer_Full



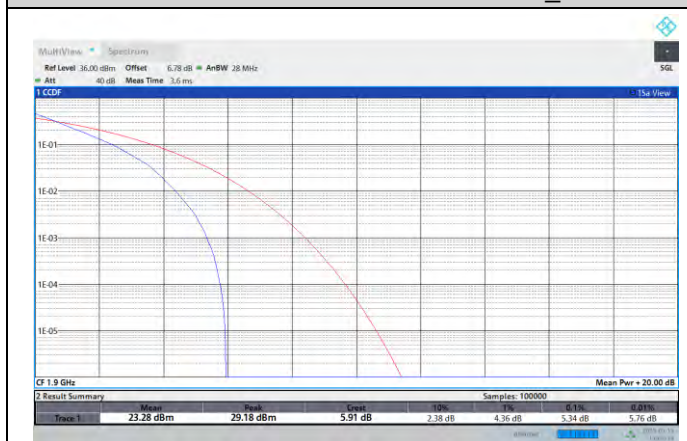
N2-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



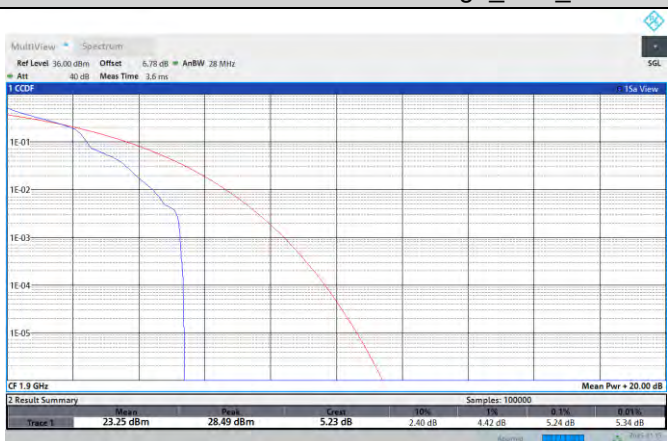
N2-PC3-20MHz-M-DFT-QPSK-Outer_Full



N2-PC3-20MHz-M-DFT-QPSK-Edge_1RB_Left



N2-PC3-20MHz-H-DFT-QPSK-Outer_Full



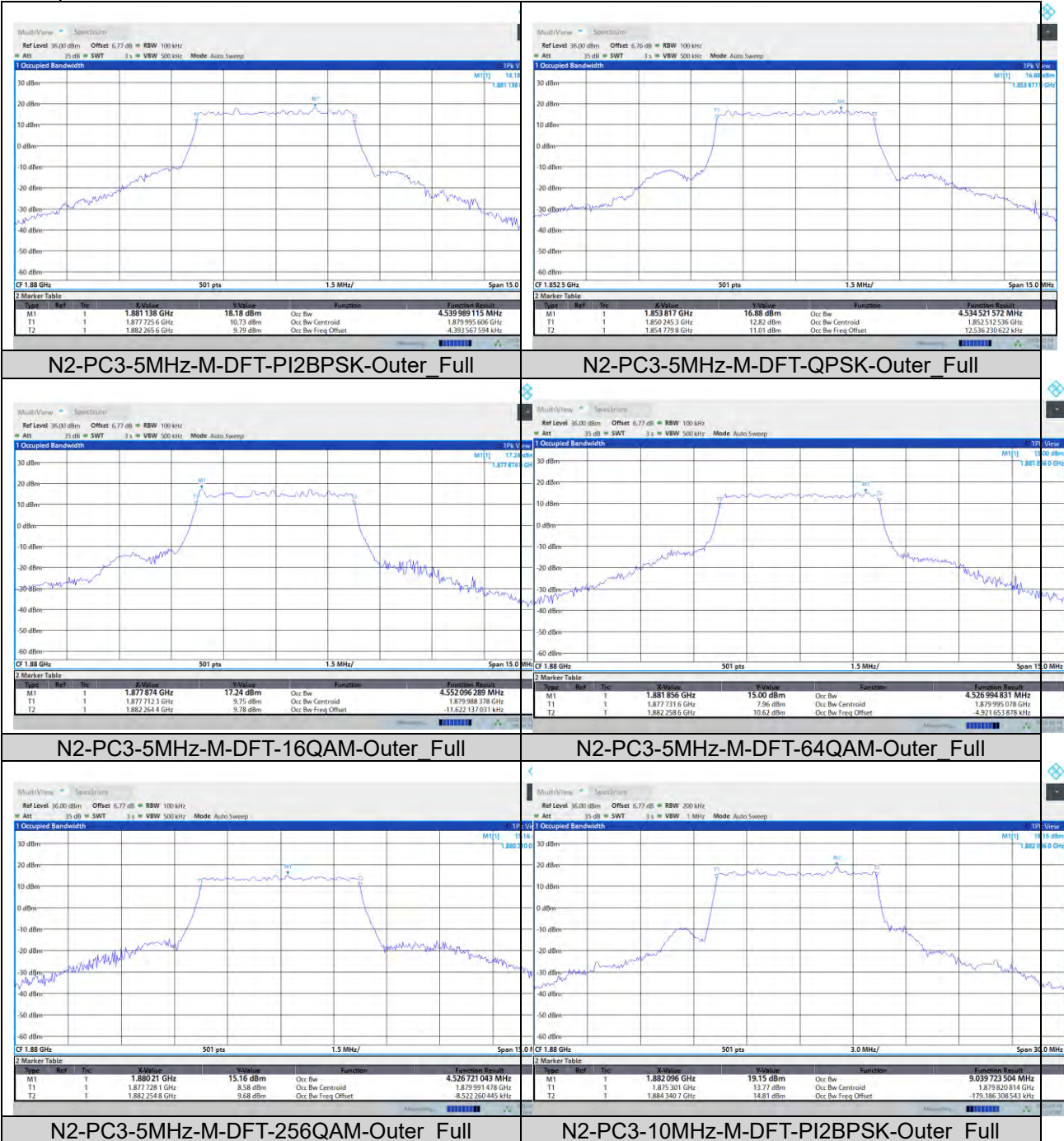
N2-PC3-20MHz-H-DFT-QPSK-Edge_1RB_Left

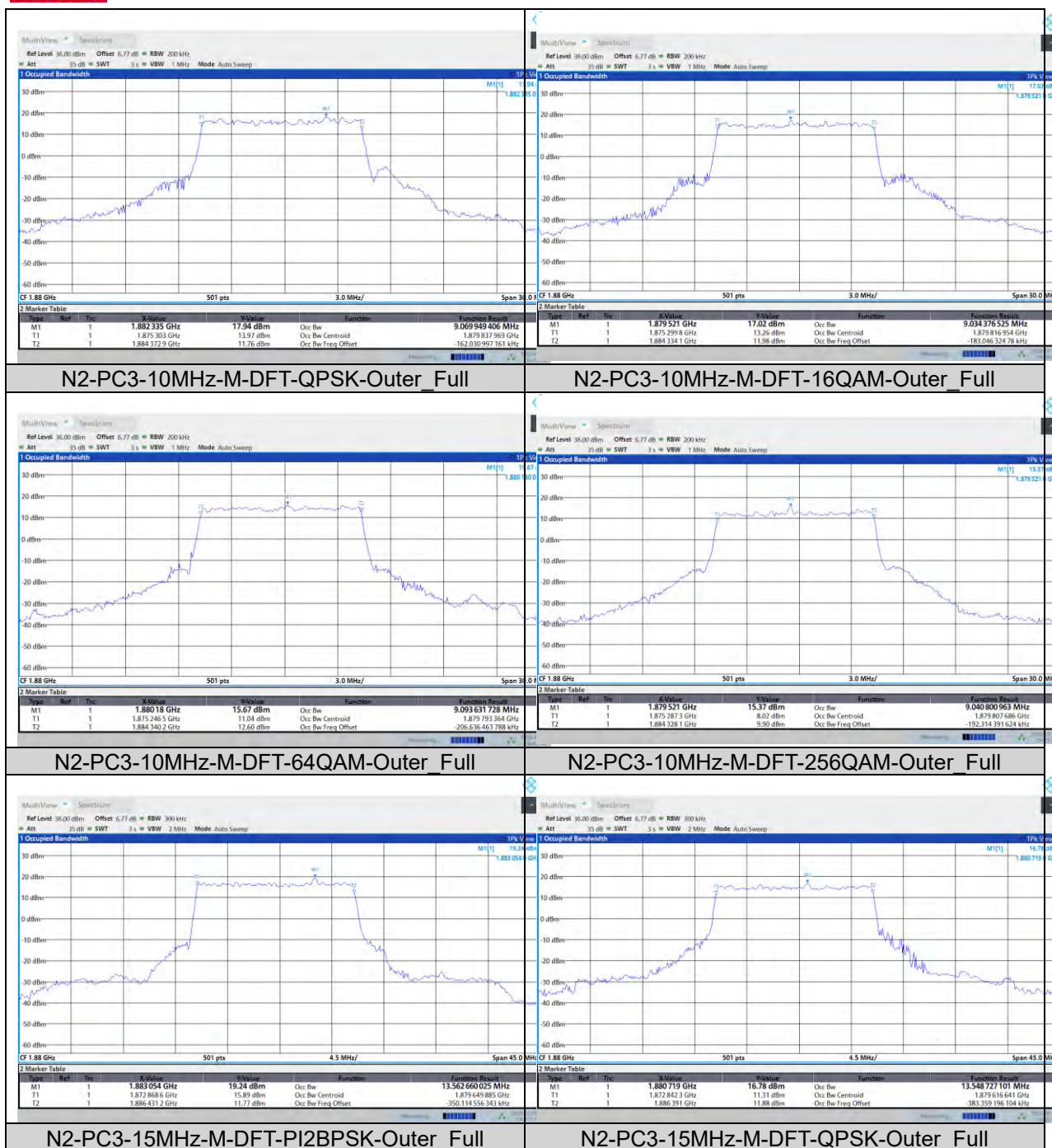
26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N2	15	5MHz	DFT-PI2BPSK	M	Outer_Full	4.540	5.21	PASS
N2	15	5MHz	DFT-QPSK	M	Outer_Full	4.535	5.20	PASS
N2	15	5MHz	DFT-16QAM	M	Outer_Full	4.552	5.29	PASS
N2	15	5MHz	DFT-64QAM	M	Outer_Full	4.527	5.29	PASS
N2	15	5MHz	DFT-256QAM	M	Outer_Full	4.527	5.18	PASS
N2	15	10MHz	DFT-PI2BPSK	M	Outer_Full	9.040	9.89	PASS
N2	15	10MHz	DFT-QPSK	M	Outer_Full	9.070	9.92	PASS
N2	15	10MHz	DFT-16QAM	M	Outer_Full	9.034	9.95	PASS
N2	15	10MHz	DFT-64QAM	M	Outer_Full	9.094	10.01	PASS
N2	15	10MHz	DFT-256QAM	M	Outer_Full	9.041	10.01	PASS
N2	15	15MHz	DFT-PI2BPSK	M	Outer_Full	13.563	14.65	PASS
N2	15	15MHz	DFT-QPSK	M	Outer_Full	13.549	14.84	PASS
N2	15	15MHz	DFT-16QAM	M	Outer_Full	13.783	14.61	PASS
N2	15	15MHz	DFT-64QAM	M	Outer_Full	13.535	14.79	PASS
N2	15	15MHz	DFT-256QAM	M	Outer_Full	13.559	14.56	PASS
N2	15	20MHz	DFT-PI2BPSK	M	Outer_Full	18.192	19.84	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	13.549	20.68	PASS
N2	15	20MHz	DFT-16QAM	M	Outer_Full	18.141	19.42	PASS
N2	15	20MHz	DFT-64QAM	M	Outer_Full	18.135	19.42	PASS
N2	15	20MHz	DFT-256QAM	M	Outer_Full	18.085	19.72	PASS

TEST GRAPHS

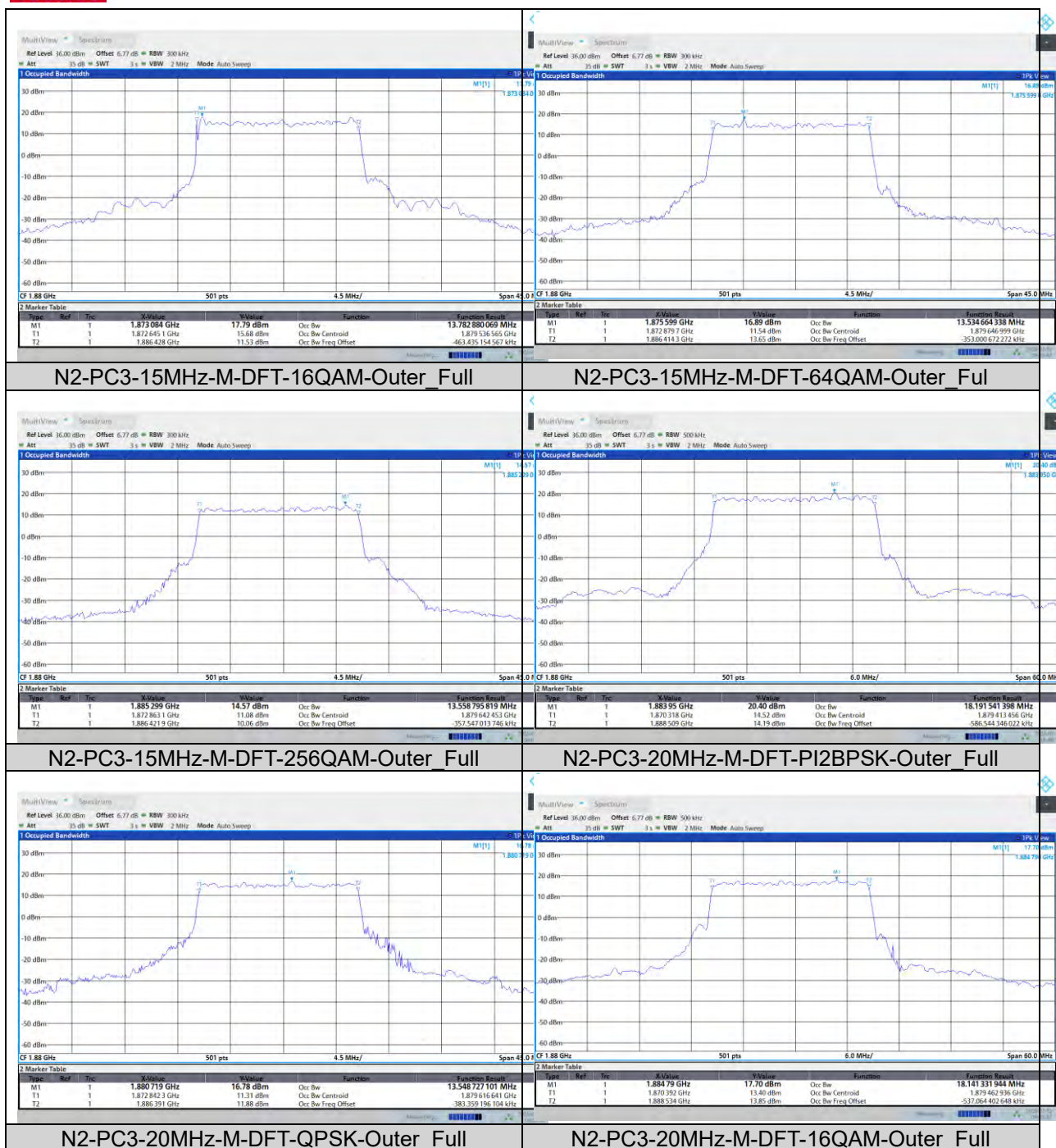
Occupied Bandwidth





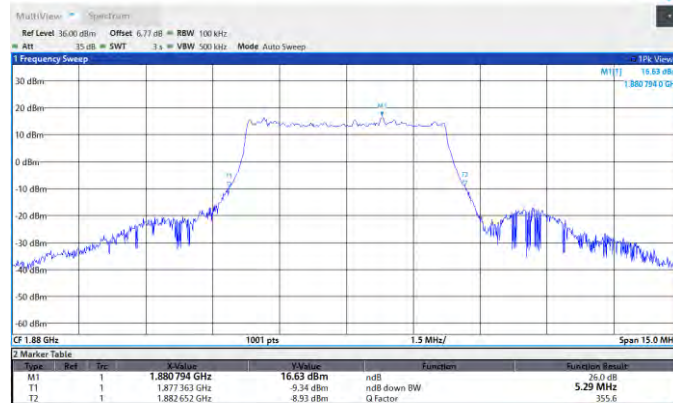
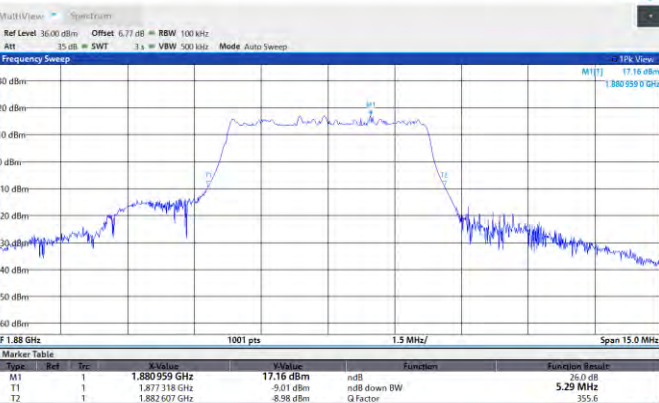
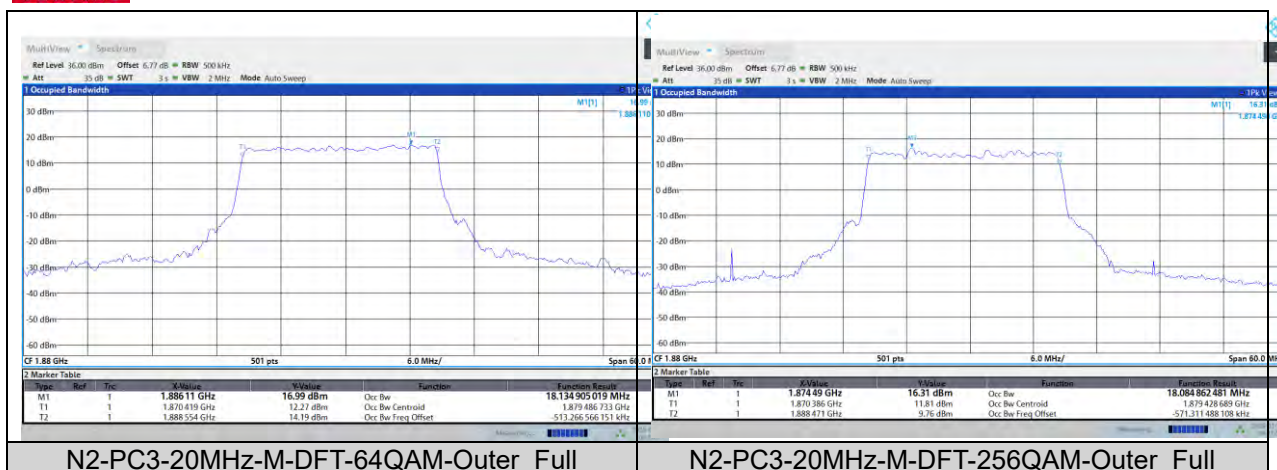


Reference No.: PSU-NQN2403180115RF07





Reference No.: PSU-NQN2403180115RF07

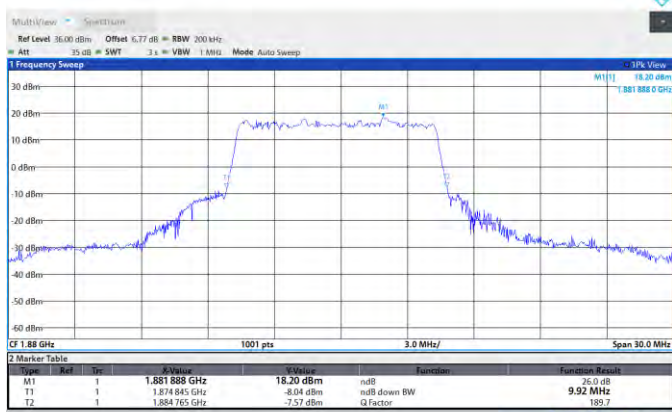




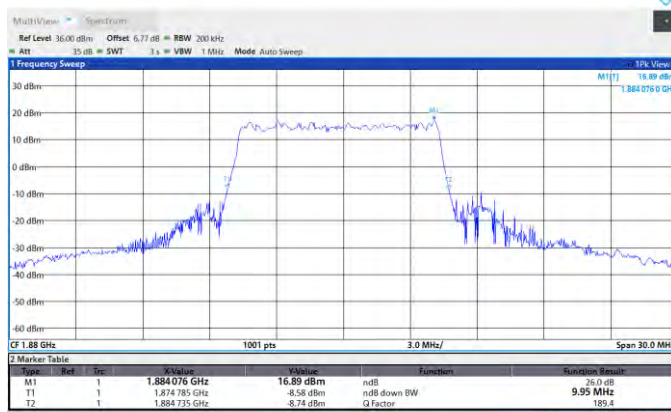
N2-PC3-5MHz-M-DFT-256QAM-Outer_Full



N2-PC3-10MHz-M-DFT-PI2BPSK-Outer_Full



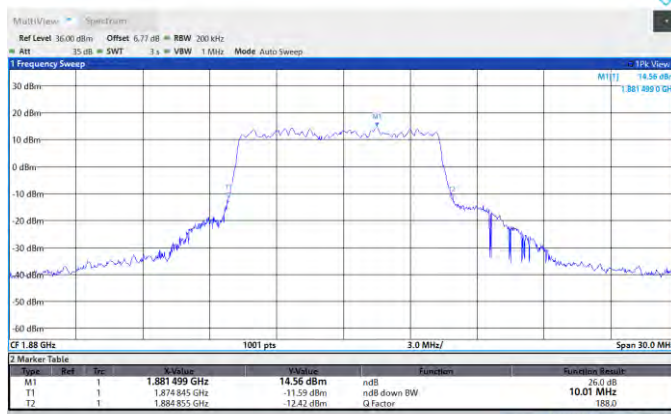
N2-PC3-10MHz-M-DFT-QPSK-Outer_Full



N2-PC3-10MHz-M-DFT-16QAM-Outer_Full



N2-PC3-10MHz-M-DFT-64QAM-Outer_Full



N2-PC3-10MHz-M-DFT-256QAM-Outer_Full



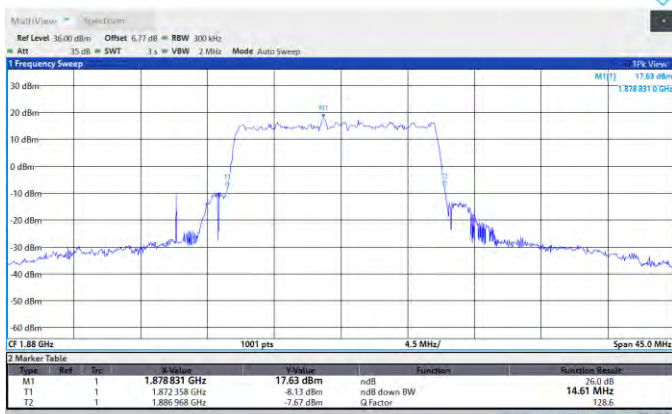
Reference No.: PSU-NQN2403180115RF07



N2-PC3-15MHz-M-DFT-PI2BPSK-Outer_Full



N2-PC3-15MHz-M-DFT-QPSK-Outer_Full



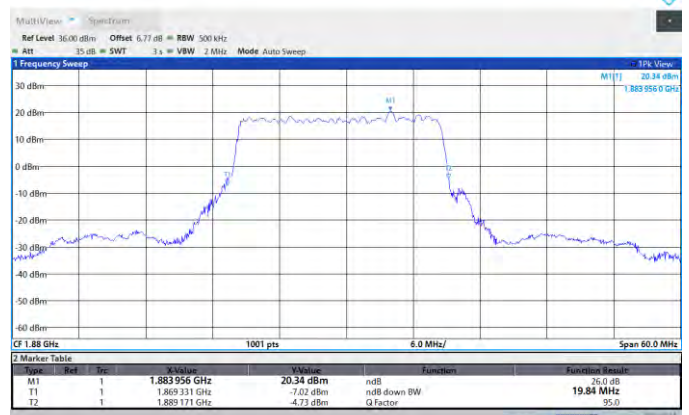
N2-PC3-15MHz-M-DFT-16QAM-Outer_Full



N2-PC3-15MHz-M-DFT-64QAM-Outer_Full



N2-PC3-15MHz-M-DFT-256QAM-Outer_Full



N2-PC3-20MHz-M-DFT-PI2BPSK-Outer_Full



Reference No.: PSU-NQN2403180115RF07



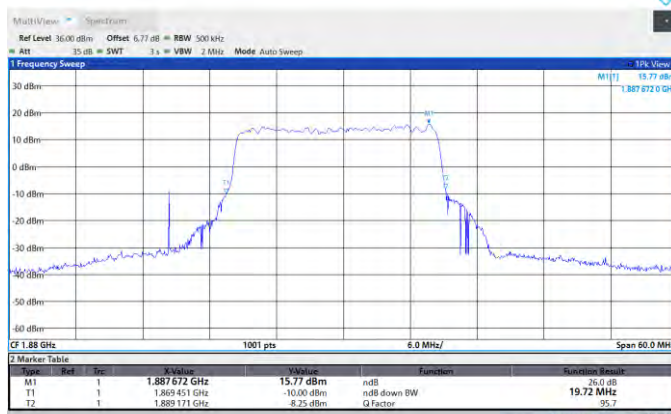
N2-PC3-20MHz-M-DFT-QPSK-Outer_Full



N2-PC3-20MHz-M-DFT-16QAM-Outer_Full



N2-PC3-20MHz-M-DFT-64QAM-Outer_Full



N2-PC3-20MHz-M-DFT-256QAM-Outer_Full

BAND EDGE TEST RESULT

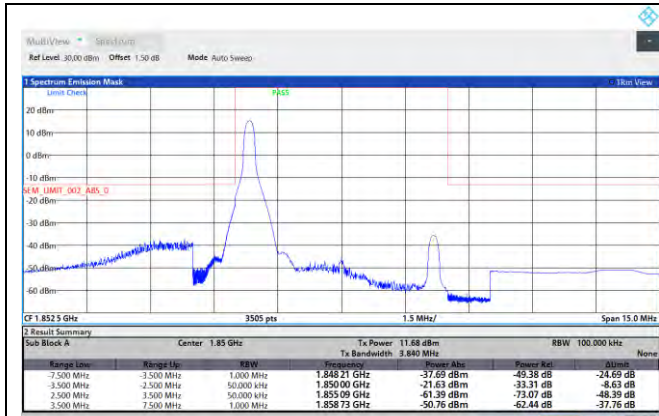
NOTE: Pre-scan QPSK,16QAM,64QAM, 256QAM four modulations modes, only the worst mode and data reflected in the report.

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N2	15	5MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N2	15	5MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N2	15	5MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N2	15	5MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS
N2	15	10MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N2	15	10MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N2	15	10MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N2	15	10MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS
N2	15	15MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N2	15	15MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N2	15	15MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N2	15	15MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS
N2	15	20MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N2	15	20MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS

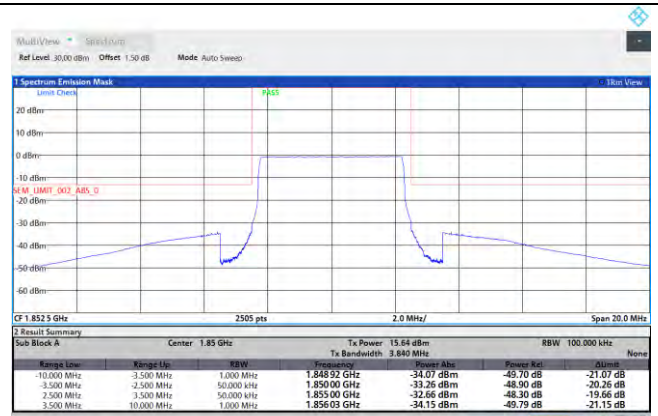


Reference No.: PSU-NQN2403180115RF07

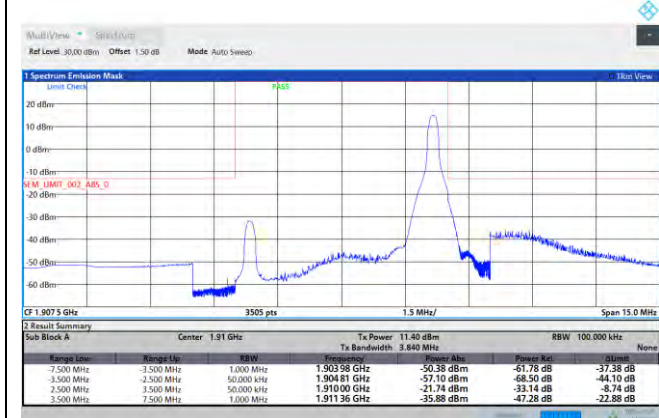
TEST GRAPHS



N2-PC3-5MHz-L-DFT-QPSK-Edge 1RB Left



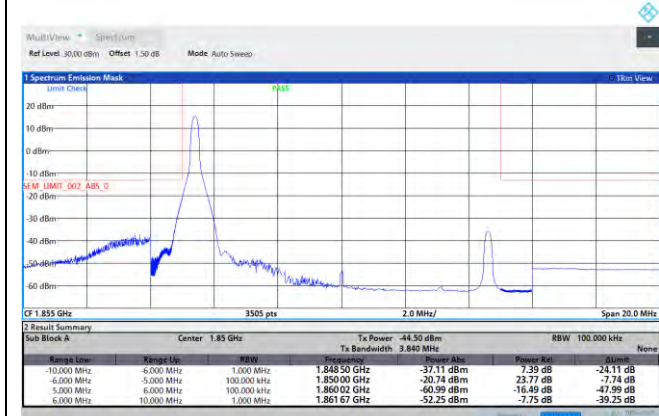
N2-PC3-5MHz-L-DFT-QPSK-Outer Full



N2-PC3-5MHz-H-DFT-QPSK-Edge 1RB-Right



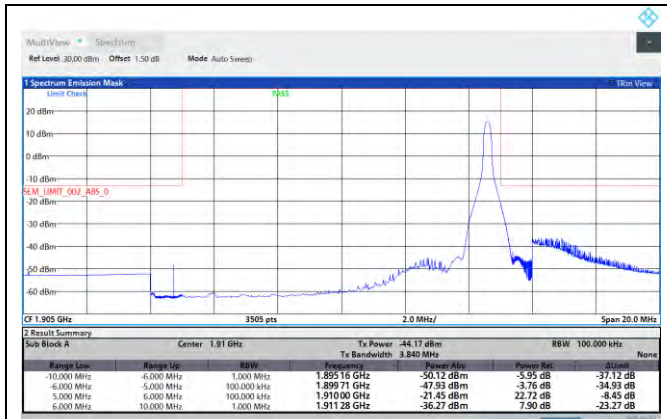
N2-PC3-5MHz-H-DFT-QPSK-Outer Full



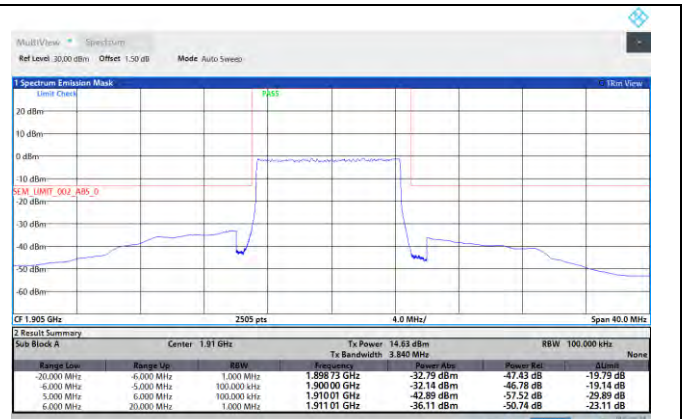
N2-PC3-10MHz-L-DFT-QPSK-Edge 1RB Left



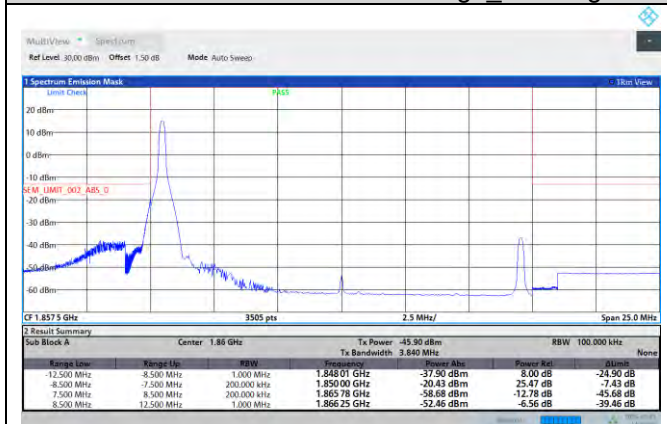
N2-PC3-10MHz-L-DFT-QPSK-Outer Full



N2-PC3-10MHz-H-DFT-QPSK-Edge 1RB-Right



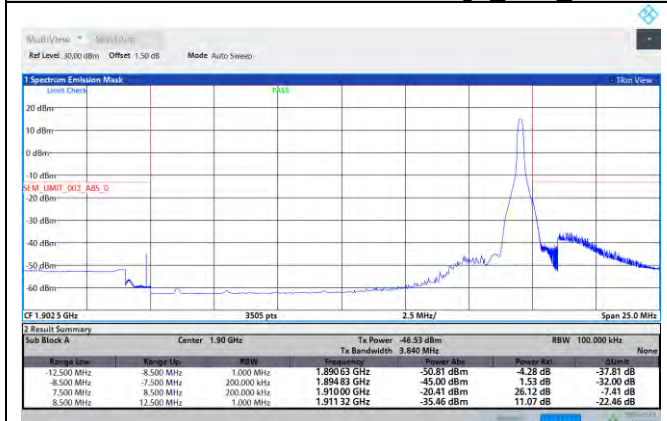
N2-PC3-10MHz-H-DFT-QPSK-Outer_Full



N2-PC3-15MHz-L-DFT-QPSK-Edge 1RB Left



N2-PC3-15MHz-L-DFT-QPSK-Outer_Full



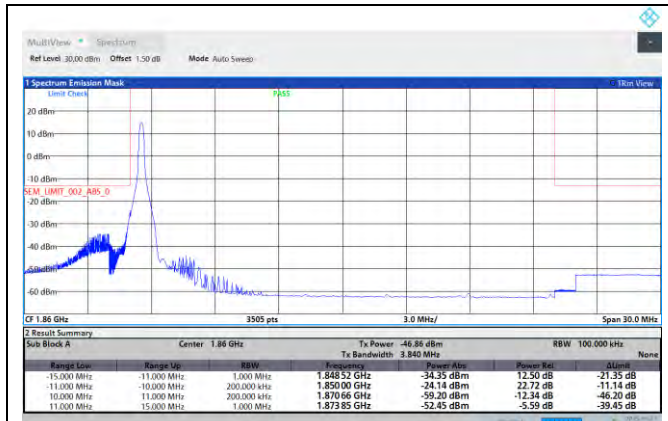
N2-PC3-15MHz-H-DFT-QPSK-Edge 1RB-Right



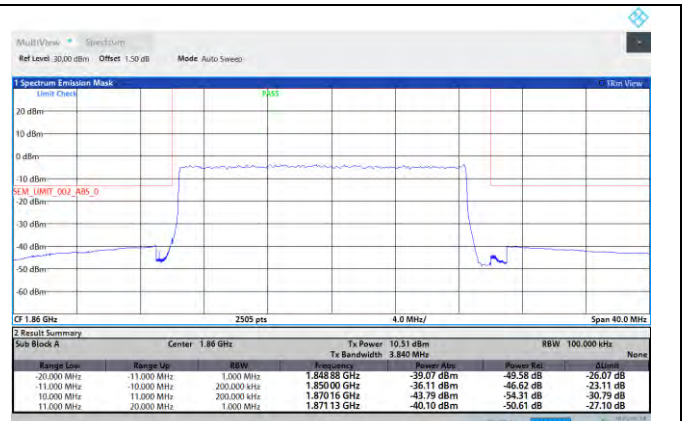
N2-PC3-15MHz-H-DFT-QPSK-Outer_Full



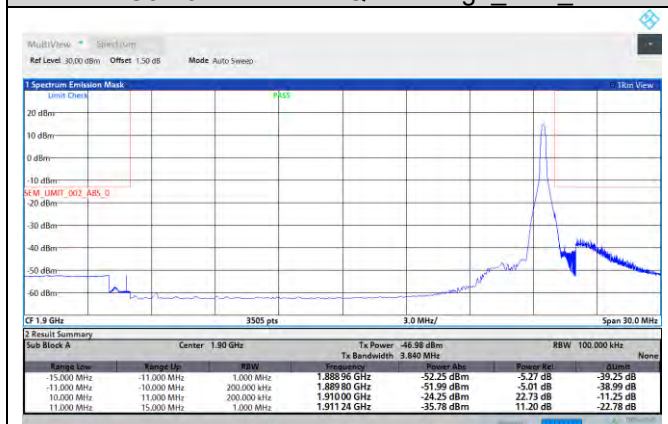
Reference No.: PSU-NQN2403180115RF07



N2-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



N2-PC3-20MHz-L-DFT-QPSK-Outer_Full



N2-PC3-20MHz-H-DFT-QPSK-Edge_1RB-Right



N2-PC3-20MHz-H-DFT-QPSK-Outer_Full

CONDUCTED SPURIOUS EMISSION TEST RESULT

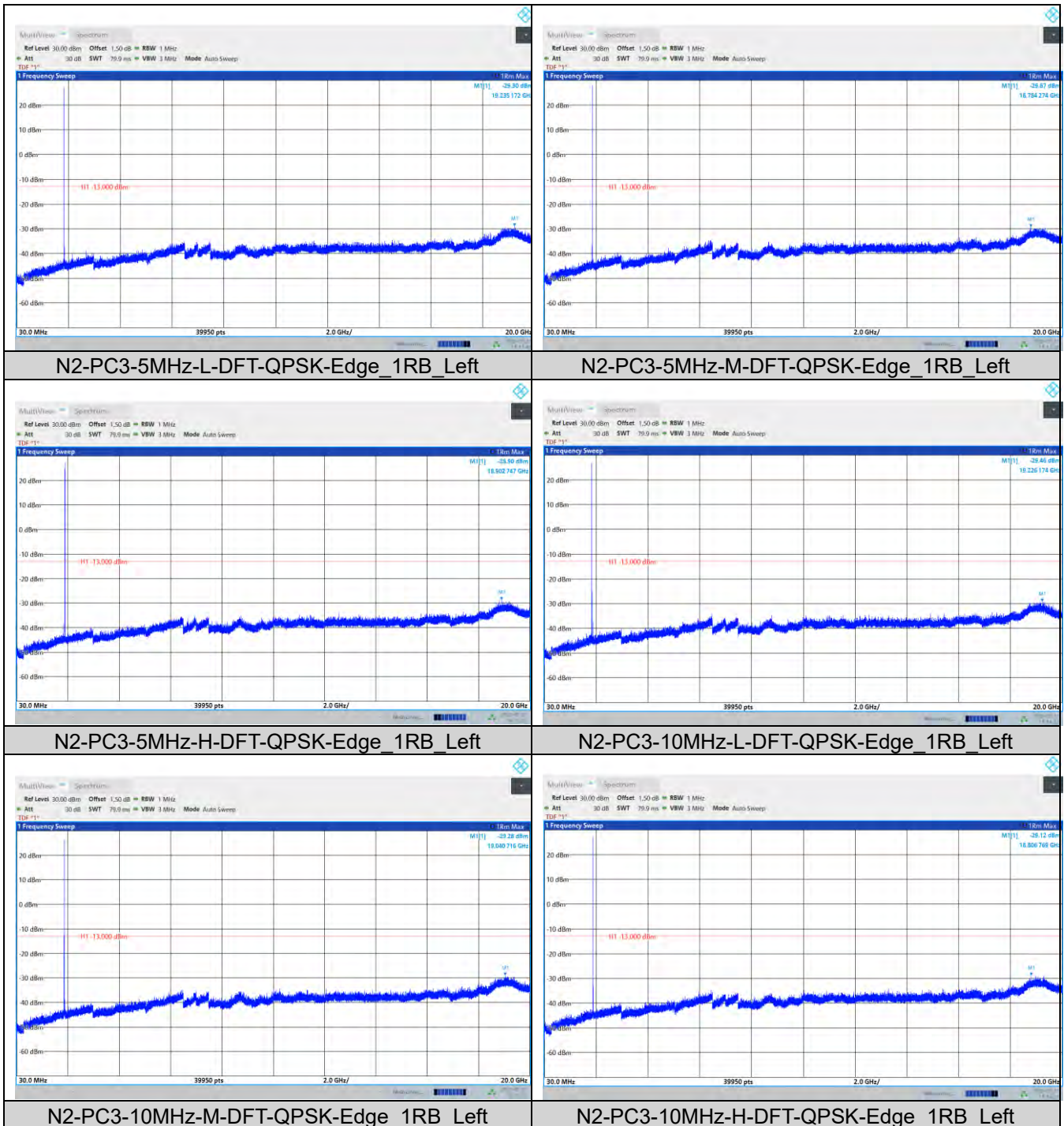
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N2	SCS	5MHz	DFT-QPSK	L	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	5MHz	DFT-QPSK	M	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	5MHz	DFT-QPSK	H	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	10MHz	DFT-QPSK	L	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	10MHz	DFT-QPSK	M	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	10MHz	DFT-QPSK	H	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	15MHz	DFT-QPSK	L	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	15MHz	DFT-QPSK	M	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	15MHz	DFT-QPSK	H	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	20MHz	DFT-QPSK	L	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	20MHz	DFT-QPSK	M	Edge_1RB_Left	30M~20000M	See Graph	PASS
N2	SCS	20MHz	DFT-QPSK	H	Edge_1RB_Left	30M~20000M	See Graph	PASS

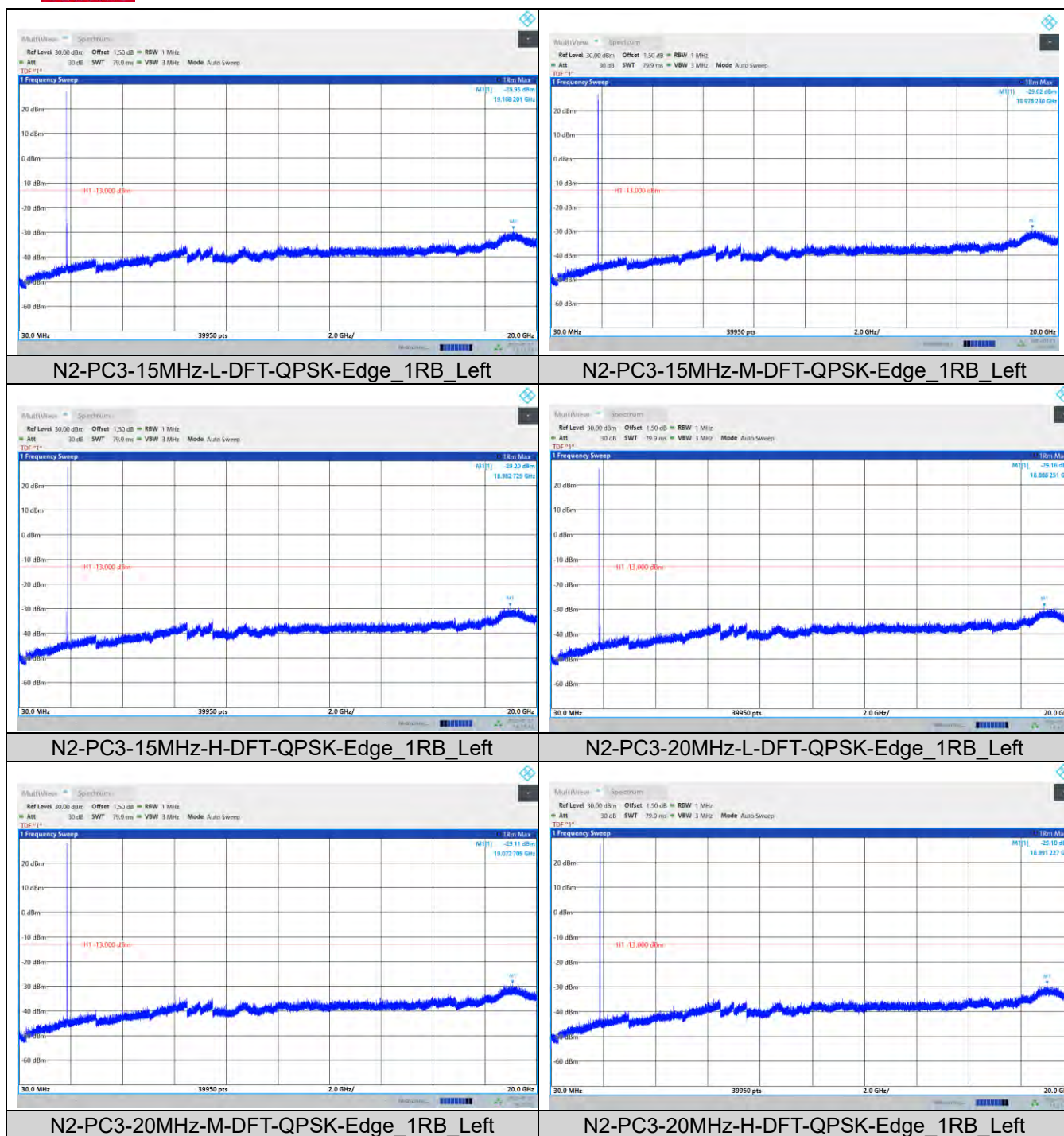


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VERITAS

Reference No.: PSU-NQN2403180115RF07

TEST GRAPHS







Reference No.: PSU-NQN2403180115RF07

FREQUENCY STABILITY TEST RESULT

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N2	15	20MHz	DFT-QPSK	L	Outer_Full	VL	NT	-20.26	-0.0109	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	VN	NT	-18.6	-0.0100	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	VH	NT	-31.87	-0.0171	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	VL	NT	21.72	0.0116	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	VN	NT	-27.21	-0.0145	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	VH	NT	2.76	0.0015	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	VL	NT	30.31	0.0160	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	VN	NT	-0.90	-0.0005	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	VH	NT	34.00	0.0179	±2.5	PASS

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	-30	-18.45	-0.0099	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	-20	-23.15	-0.0124	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	-10	-27.18	-0.0146	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	0	-10.47	-0.0056	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	10	-8.72	-0.0047	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	20	-14.04	-0.0075	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	30	8.00	0.0043	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	40	8.32	0.0045	±2.5	PASS
N2	15	20MHz	DFT-QPSK	L	Outer_Full	NV	50	25.54	0.0136	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	-30	-24.99	-0.0133	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	-20	30.01	0.0160	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	-10	-2.37	-0.0013	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	0	-17.34	-0.0092	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	10	7.35	0.0039	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	20	3.86	0.0021	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	30	-21.43	-0.0114	±2.5	PASS
N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	40	22.66	0.0119	±2.5	PASS



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N2	15	20MHz	DFT-QPSK	M	Outer_Full	NV	50	-7.51	-0.0040	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	-30	14.32	0.0075	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	-20	23.45	0.0123	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	-10	29.33	0.0154	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	0	17.69	0.0093	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	10	-14.39	-0.0076	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	20	-15.72	-0.0008	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	30	-0.15	0.0000	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	40	19.44	0.0010	±2.5	PASS
N2	15	20MHz	DFT-QPSK	H	Outer_Full	NV	50	-5.91	-0.0003	±2.5	PASS



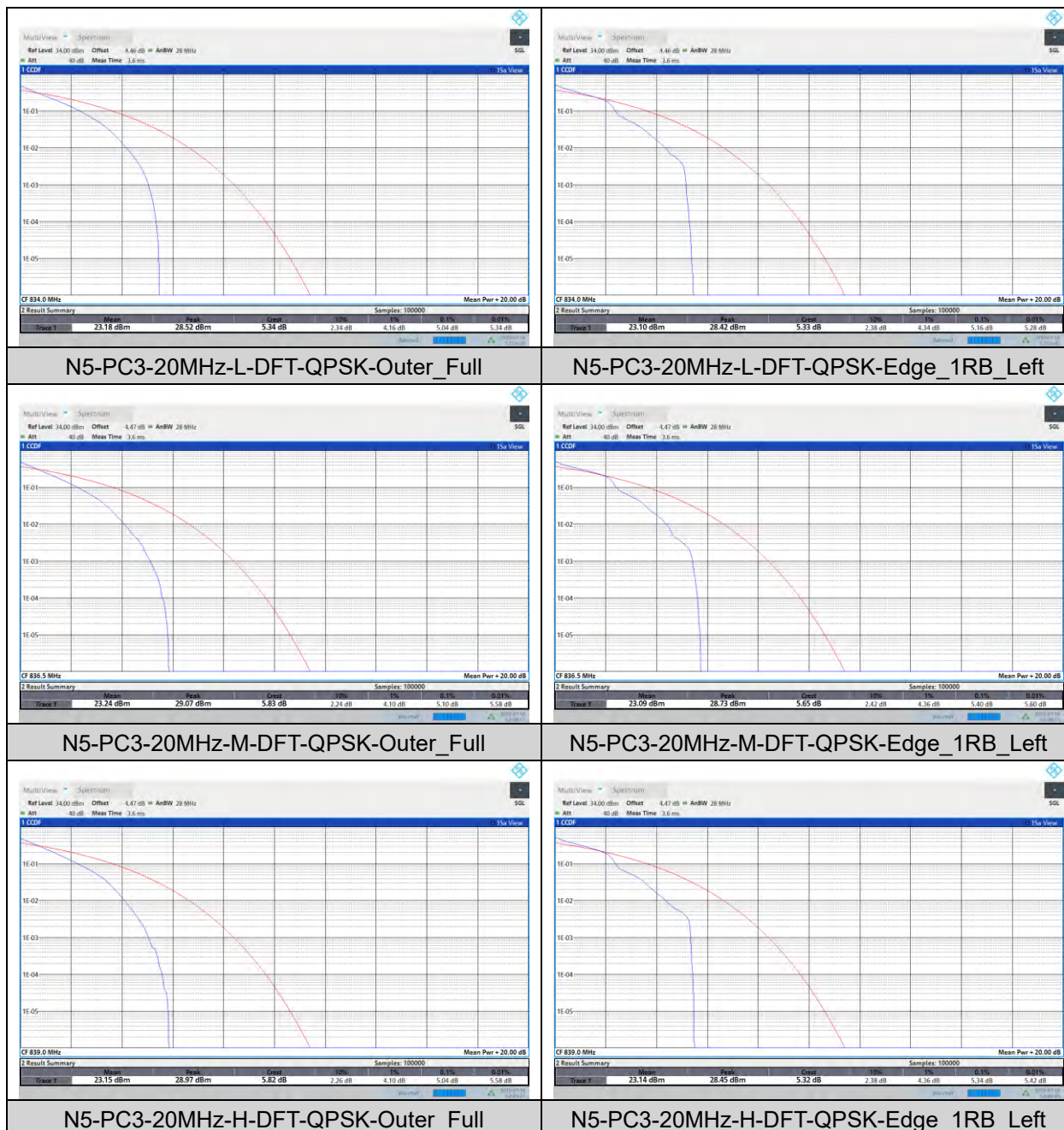
Reference No.: PSU-NQN2403180115RF07

N5

PEAK-TO-AVERAGE RATIO(CCDF) TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N5	15	20MHz	DFT-QPSK	L	Outer_Full	5.04	13	PASS
N5	15	20MHz	DFT-QPSK	L	Edge 1RB Left	5.16	13	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	5.10	13	PASS
N5	15	20MHz	DFT-QPSK	M	Edge 1RB Left	5.40	13	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	5.04	13	PASS
N5	15	20MHz	DFT-QPSK	H	Edge 1RB Left	5.34	13	PASS

Test Graphs

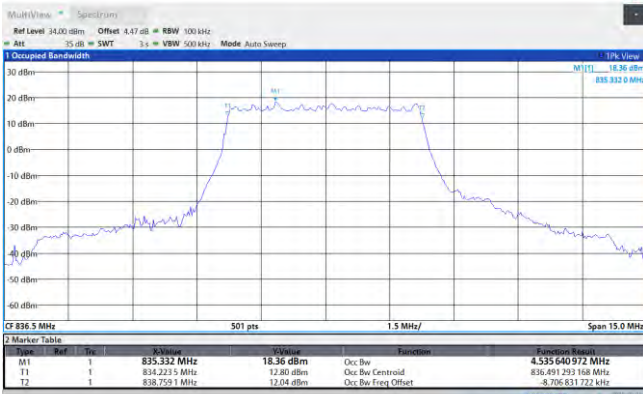


26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

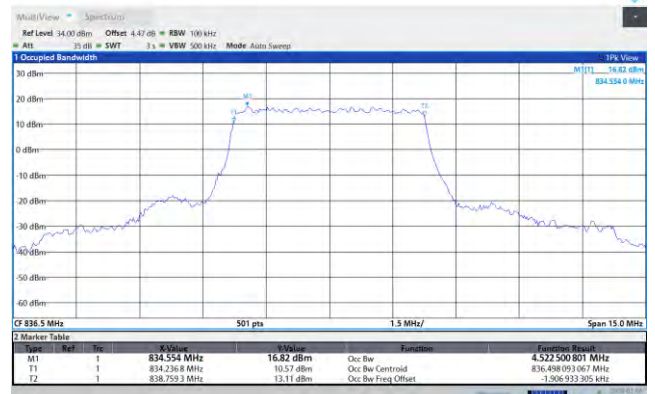
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N5	15	5MHz	DFT-PI2BPSK	M	Outer_Full	4.536	5.17	PASS
N5	15	5MHz	DFT-QPSK	M	Outer_Full	4.523	5.14	PASS
N5	15	5MHz	DFT-16QAM	M	Outer_Full	4.547	5.28	PASS
N5	15	5MHz	DFT-64QAM	M	Outer_Full	4.517	5.18	PASS
N5	15	5MHz	DFT-256QAM	M	Outer_Full	4.516	5.14	PASS
N5	15	10MHz	DFT-PI2BPSK	M	Outer_Full	9.005	9.92	PASS
N5	15	10MHz	DFT-QPSK	M	Outer_Full	9.003	9.92	PASS
N5	15	10MHz	DFT-16QAM	M	Outer_Full	8.992	9.95	PASS
N5	15	10MHz	DFT-64QAM	M	Outer_Full	9.031	9.92	PASS
N5	15	10MHz	DFT-256QAM	M	Outer_Full	9.002	9.83	PASS
N5	15	15MHz	DFT-PI2BPSK	M	Outer_Full	13.492	14.61	PASS
N5	15	15MHz	DFT-QPSK	M	Outer_Full	13.505	14.61	PASS
N5	15	15MHz	DFT-16QAM	M	Outer_Full	13.549	14.61	PASS
N5	15	15MHz	DFT-64QAM	M	Outer_Full	13.536	14.65	PASS
N5	15	15MHz	DFT-256QAM	M	Outer_Full	13.541	14.56	PASS
N5	15	20MHz	DFT-PI2BPSK	M	Outer_Full	18.018	19.48	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	18.069	19.72	PASS
N5	15	20MHz	DFT-16QAM	M	Outer_Full	18.056	19.42	PASS
N5	15	20MHz	DFT-64QAM	M	Outer_Full	18.048	19.42	PASS
N5	15	20MHz	DFT-256QAM	M	Outer_Full	17.949	19.36	PASS

TEST GRAPHS

Occupied Bandwidth



N5-PC3-5MHz-M-DFT-PI2BPSK-Outer_Full



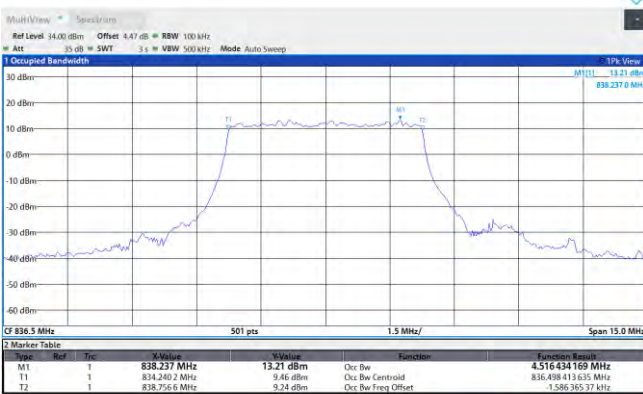
N5-PC3-5MHz-M-DFT-QPSK-Outer_Full



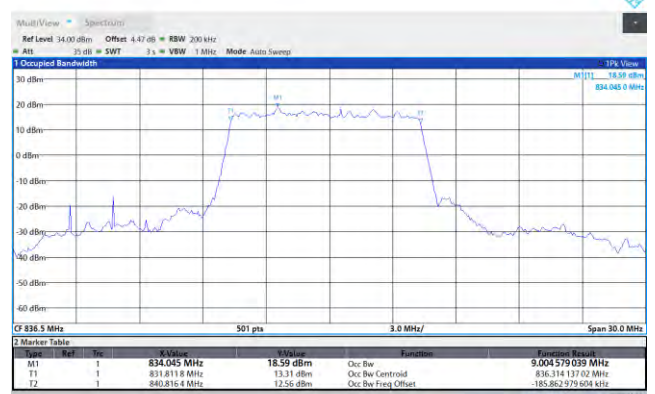
N5-PC3-5MHz-M-DFT-16QAM-Outer_Full



N5-PC3-5MHz-M-DFT-64QAM-Outer_Full



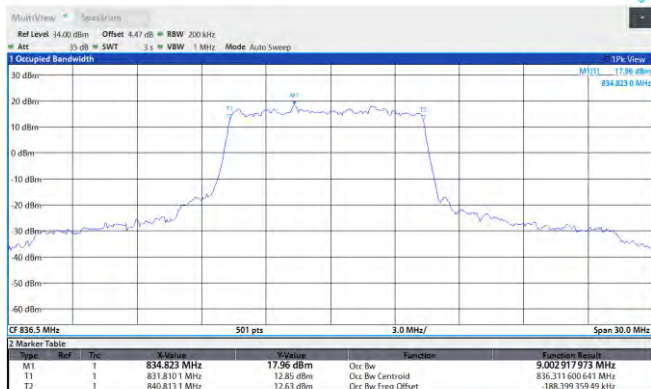
N5-PC3-5MHz-M-DFT-256QAM-Outer_Full



N5-PC3-10MHz-M-DFT-PI2BPSK-Outer_Full



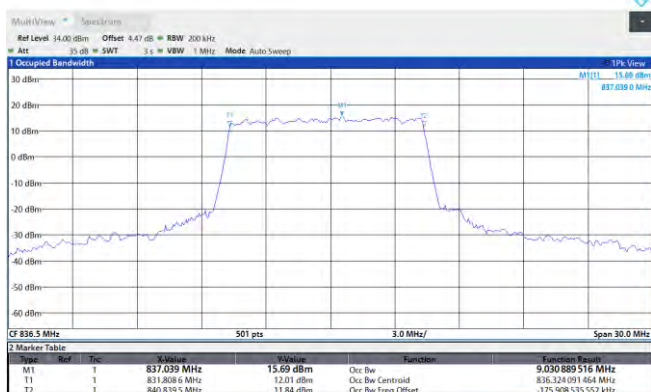
Reference No.: PSU-NQN2403180115RF07



N5-PC3-10MHz-M-DFT-QPSK-Outer_Full



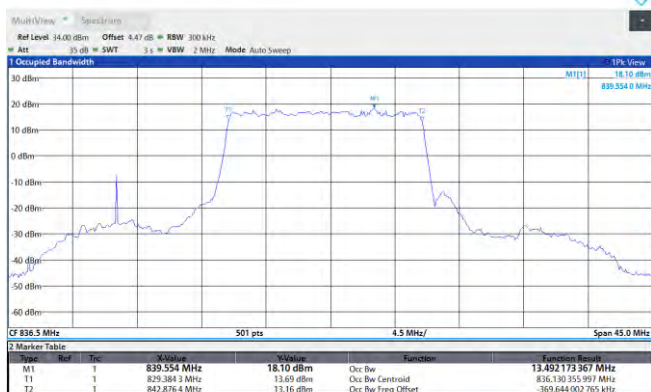
N5-PC3-10MHz-M-DFT-16QAM-Outer_Full



N5-PC3-10MHz-M-DFT-64QAM-Outer_Full



N5-PC3-10MHz-M-DFT-256QAM-Outer_Full



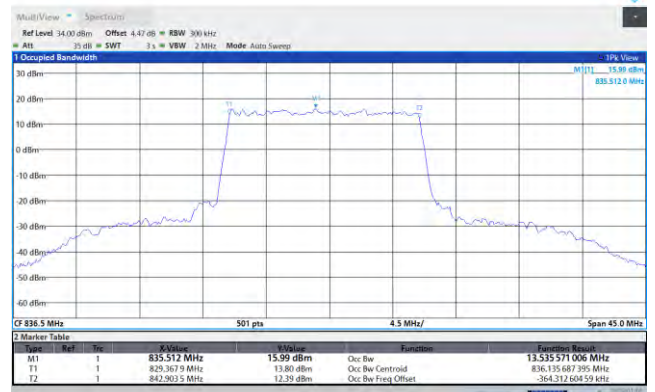
N5-PC3-15MHz-M-DFT-PI2BPSK-Outer_Full



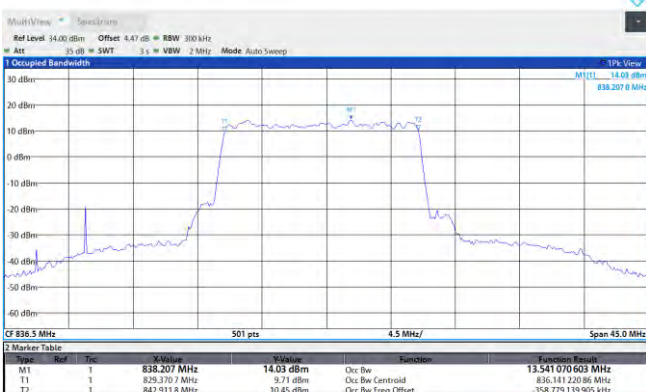
N5-PC3-15MHz-M-DFT-QPSK-Outer_Full



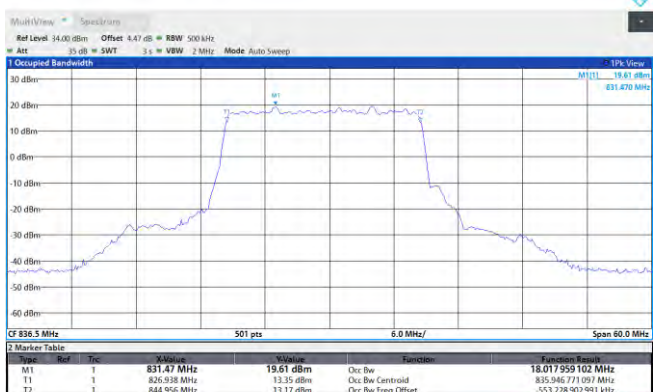
N5-PC3-15MHz-M-DFT-16QAM-Outer_Full



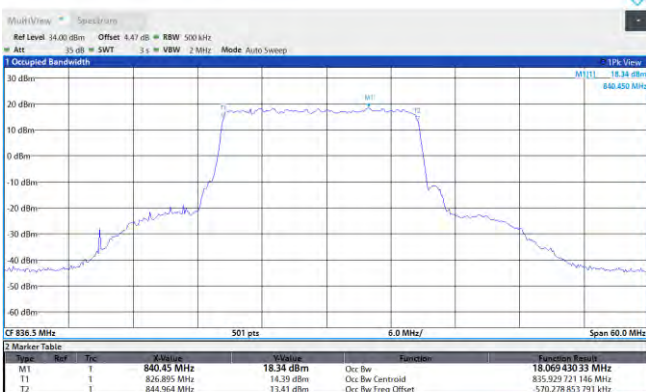
N5-PC3-15MHz-M-DFT-64QAM-Outer_Ful



N5-PC3-15MHz-M-DFT-256QAM-Outer_Full



N5-PC3-20MHz-M-DFT-P12BPSK-Outer_Full



N5-PC3-20MHz-M-DFT-QPSK-Outer_Full



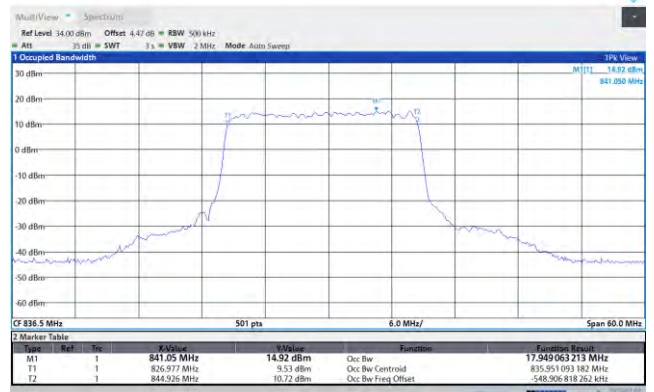
N5-PC3-20MHz-M-DFT-16QAM-Outer_Full



Reference No.: PSU-NQN2403180115RF07



N5-PC3-20MHz-M-DFT-64QAM-Outer_Full

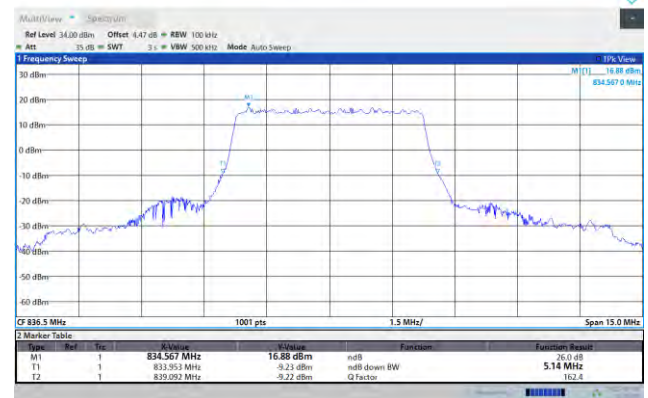


N5-PC3-20MHz-M-DFT-256QAM-Outer_Full

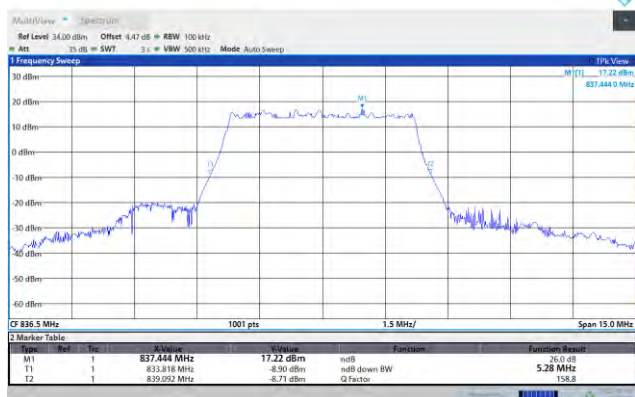
26dB Bandwidth



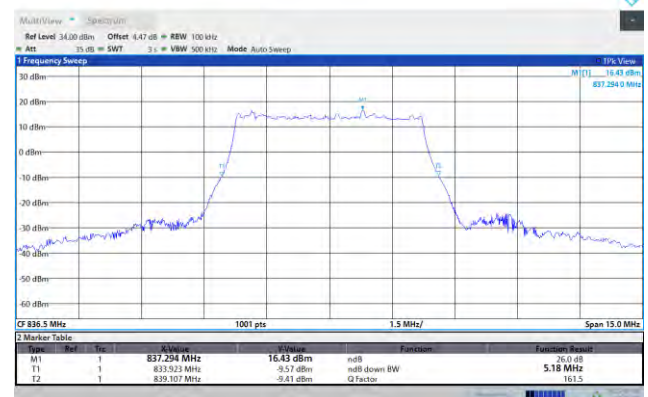
N5-PC3-5MHz-M-DFT-PI2BPSK-Outer_Full



N5-PC3-5MHz-M-DFT-QPSK-Outer_Full



N5-PC3-5MHz-M-DFT-16QAM-Outer_Full



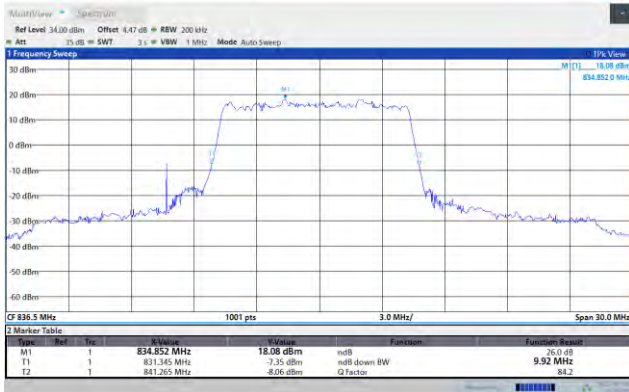
N5-PC3-5MHz-M-DFT-64QAM-Outer_Full



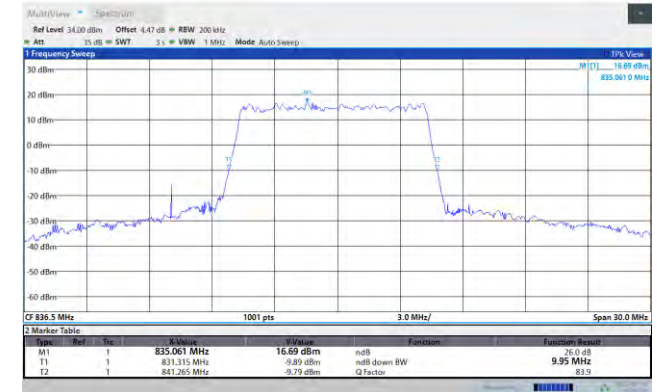
N5-PC3-5MHz-M-DFT-256QAM-Outer_Full



N5-PC3-10MHz-M-DFT-PI2BPSK-Outer_Full



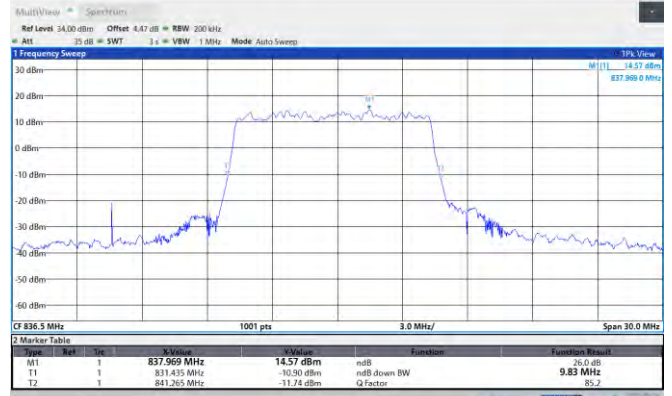
N5-PC3-10MHz-M-DFT-QPSK-Outer_Full



N5-PC3-10MHz-M-DFT-16QAM-Outer_Full



N5-PC3-10MHz-M-DFT-64QAM-Outer_Full



N5-PC3-10MHz-M-DFT-256QAM-Outer_Full



Reference No.: PSU-NQN2403180115RF07



N5-PC3-15MHz-M-DFT-PI2BPSK-Outer_Full



N5-PC3-15MHz-M-DFT-QPSK-Outer_Full



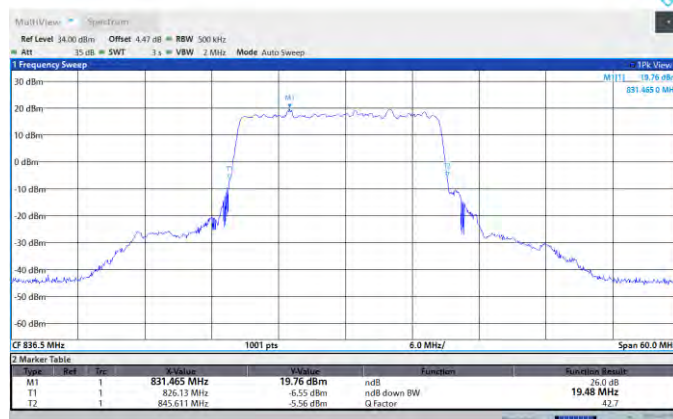
N5-PC3-15MHz-M-DFT-16QAM-Outer_Full



N5-PC3-15MHz-M-DFT-64QAM-Outer_Full



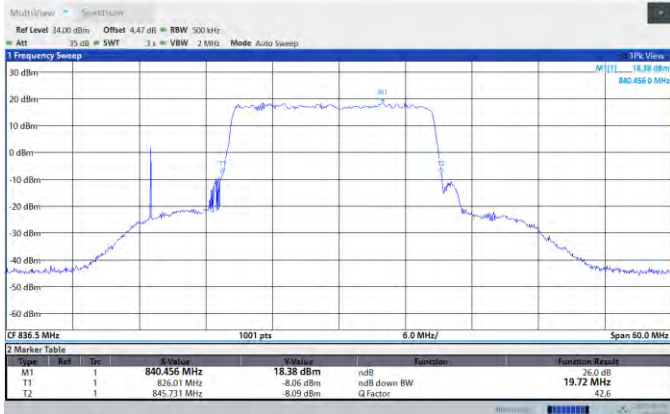
N5-PC3-15MHz-M-DFT-256QAM-Outer_Full



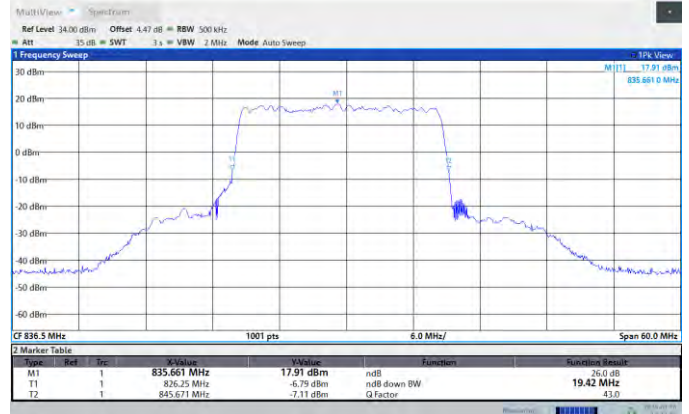
N5-PC3-20MHz-M-DFT-PI2BPSK-Outer_Full



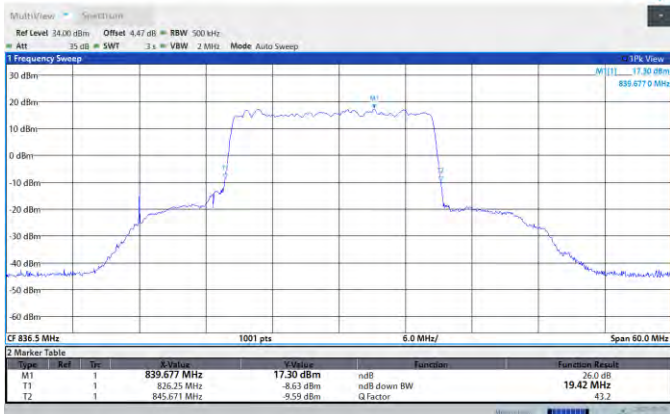
Reference No.: PSU-NQN2403180115RF07



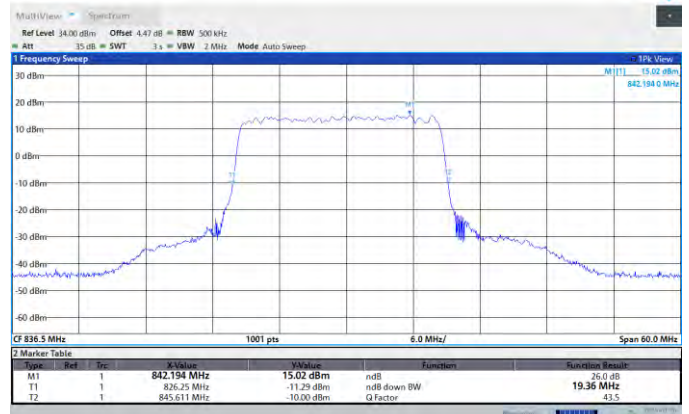
N5-PC3-20MHz-M-DFT-QPSK-Outer_Full



N5-PC3-20MHz-M-DFT-16QAM-Outer_Full



N5-PC3-20MHz-M-DFT-64QAM-Outer_Full



N5-PC3-20MHz-M-DFT-256QAM-Outer_Full



Reference No.: PSU-NQN2403180115RF07

BAND EDGE TEST RESULT

NOTE: Pre-scan QPSK,16QAM,64QAM, 256QAM four modulations modes, only the worst mode and data reflected in the report.

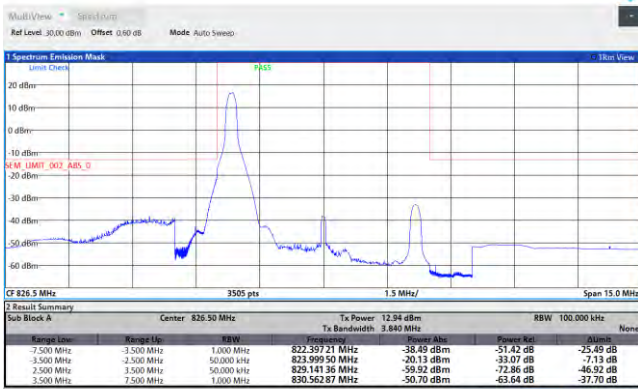
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N5	15	5MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N5	15	5MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N5	15	5MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N5	15	5MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS
N5	15	10MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N5	15	10MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N5	15	10MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N5	15	10MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS
N5	15	15MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N5	15	15MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N5	15	15MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N5	15	15MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS
N5	15	20MHz	DFT-QPSK	L	Edge_1RB_Left	See Graph	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	See Graph	PASS
N5	15	20MHz	DFT-QPSK	H	Edge_1RB-Right	See Graph	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	See Graph	PASS



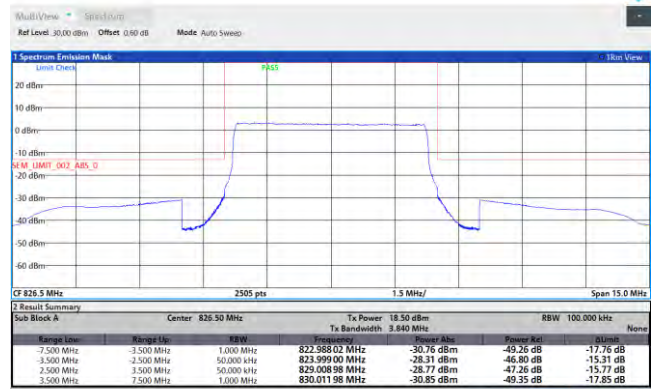
BUREAU
VERITAS

Reference No.: PSU-NQN2403180115RF07

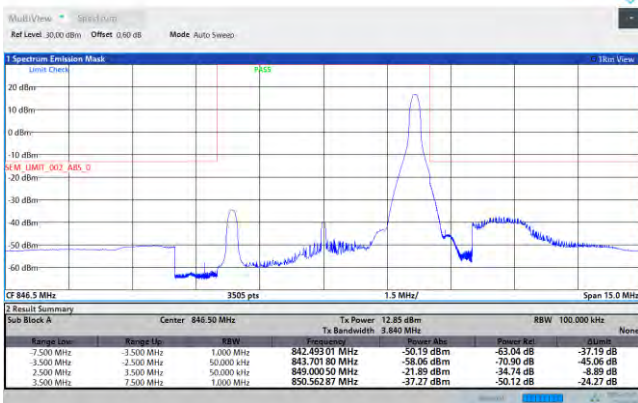
TEST GRAPHS



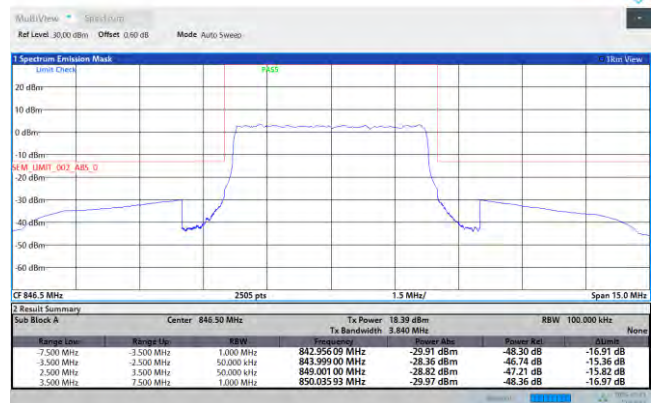
N5-PC3-5MHz-L-DFT-QPSK-Edge_1RB_Left



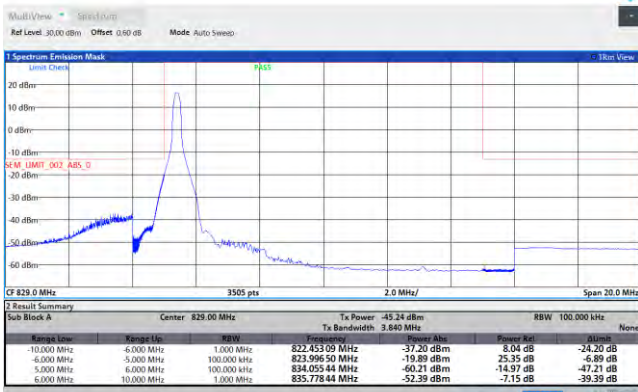
N5-PC3-5MHz-L-DFT-QPSK-Outer_Full



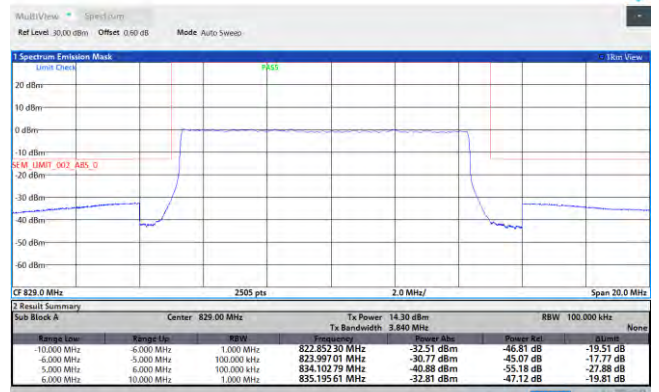
N5-PC3-5MHz-H-DFT-QPSK-Edge_1RB-Right



N5-PC3-5MHz-H-DFT-QPSK-Outer_Full



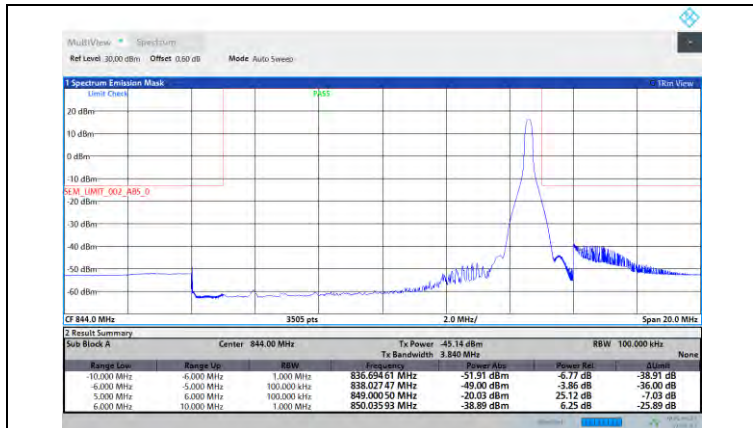
N5-PC3-10MHz-L-DFT-QPSK-Edge_1RB_Left



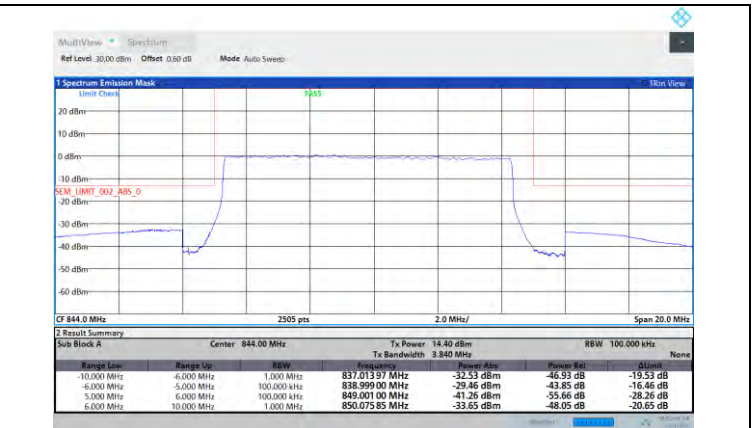
N5-PC3-10MHz-L-DFT-QPSK-Outer_Full



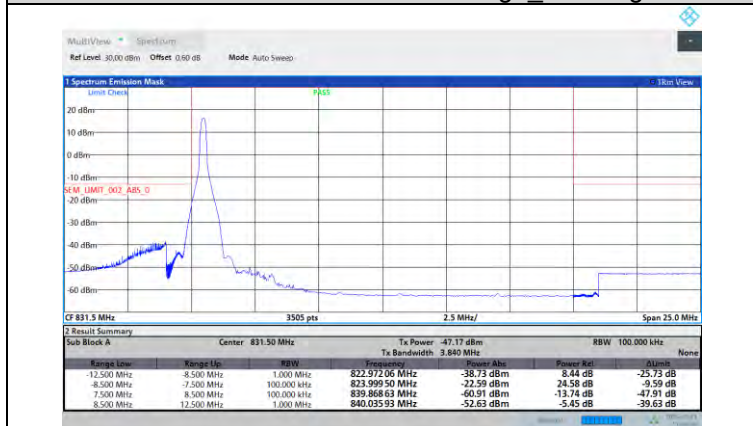
Reference No.: PSU-NQN2403180115RF07



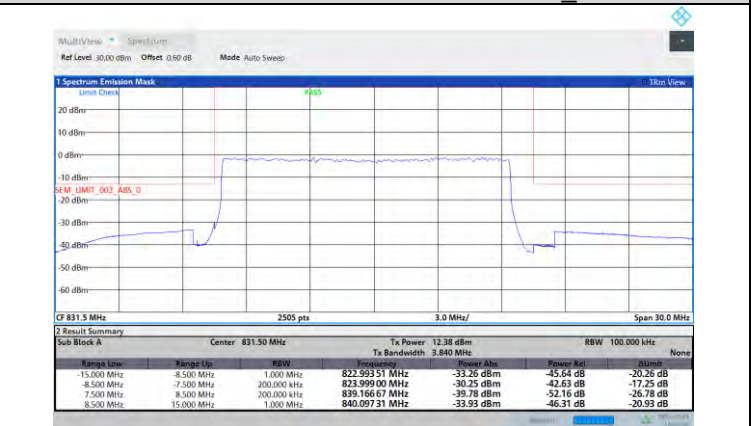
N5-PC3-10MHz-H-DFT-QPSK-Edge_1RB-Right



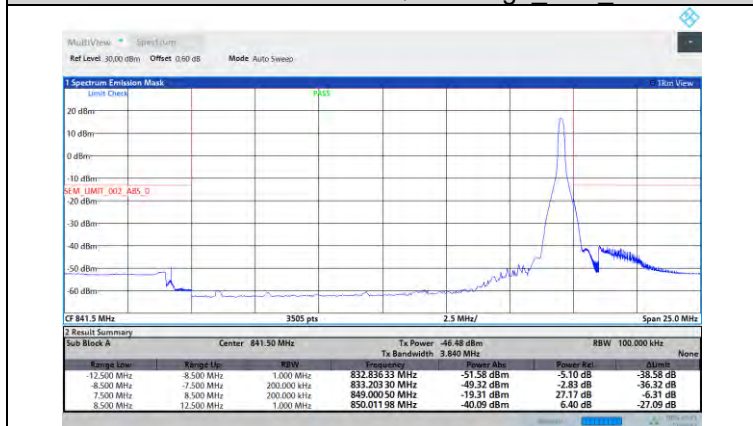
N5-PC3-10MHz-H-DFT-QPSK-Outer_Full



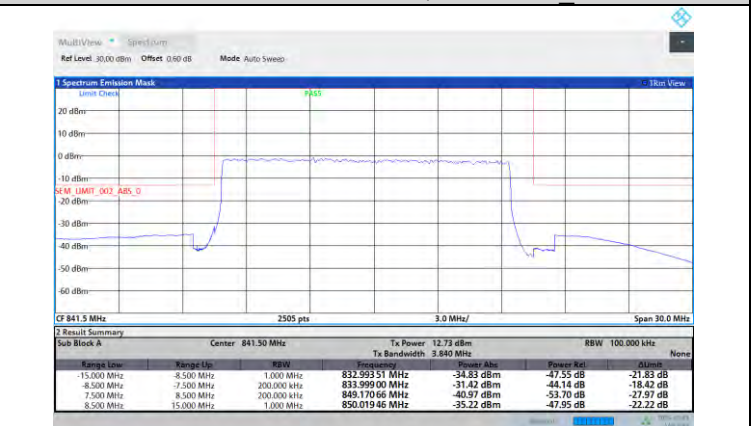
N5-PC3-15MHz-L-DFT-QPSK-Edge_1RB Left



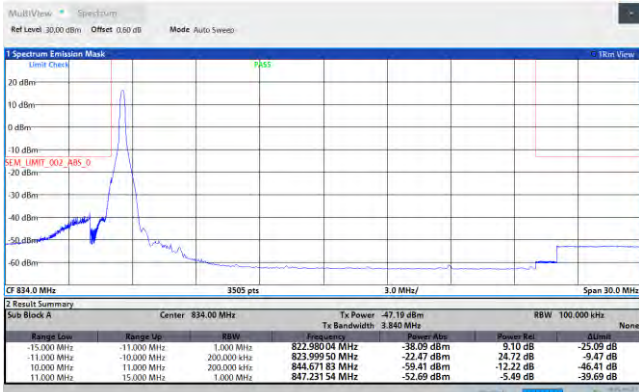
N5-PC3-15MHz-L-DFT-QPSK-Outer_Full



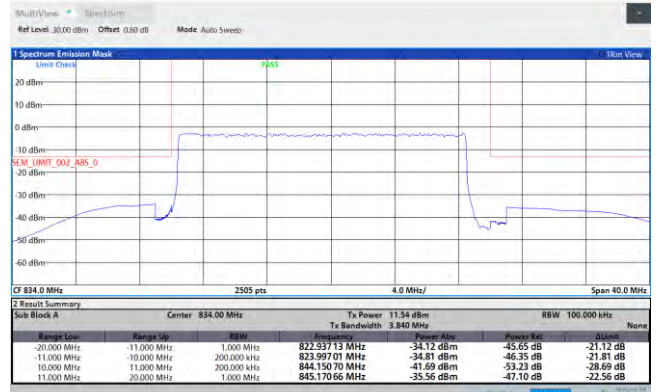
N5-PC3-15MHz-H-DFT-QPSK-Edge_1RB-Right



N5-PC3-15MHz-H-DFT-QPSK-Outer_Full



N5-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



N5-PC3-20MHz-L-DFT-QPSK-Outer_Full



N5-PC3-20MHz-H-DFT-QPSK-Edge_1RB-Right



N5-PC3-20MHz-H-DFT-QPSK-Outer_Full

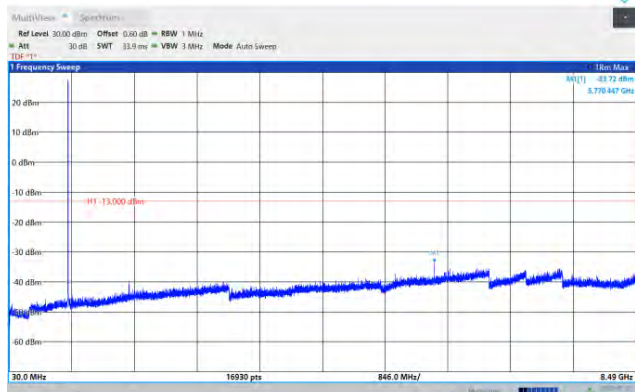


Reference No.: PSU-NQN2403180115RF07

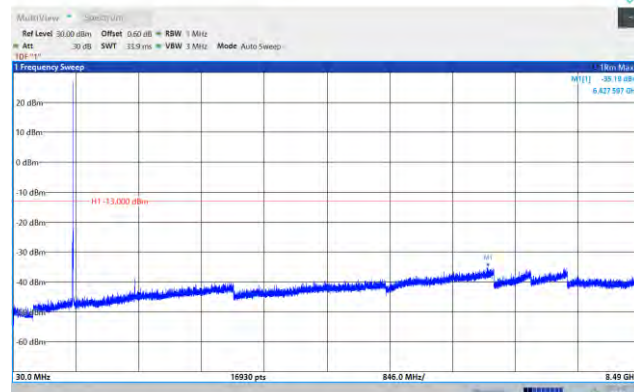
CONDUCTED SPURIOUS EMISSION TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N5	SCS	5MHz	DFT-QPSK	L	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	5MHz	DFT-QPSK	M	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	5MHz	DFT-QPSK	H	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	10MHz	DFT-QPSK	L	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	10MHz	DFT-QPSK	M	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	10MHz	DFT-QPSK	H	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	15MHz	DFT-QPSK	L	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	15MHz	DFT-QPSK	M	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	15MHz	DFT-QPSK	H	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	20MHz	DFT-QPSK	L	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	20MHz	DFT-QPSK	M	Edge_1RB_Left	30M~849M	See Graph	PASS
N5	SCS	20MHz	DFT-QPSK	H	Edge_1RB_Left	30M~849M	See Graph	PASS

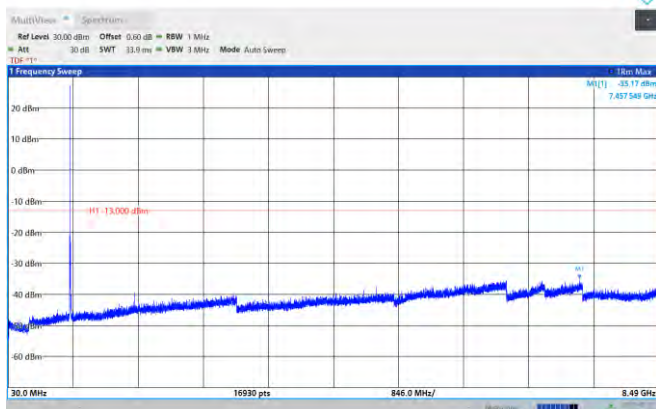
TEST GRAPHS



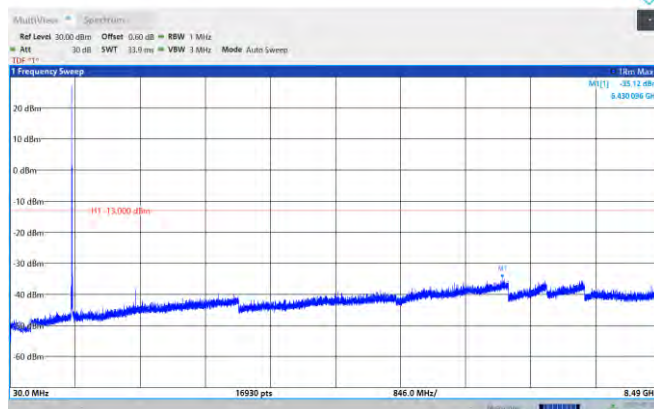
N5-PC3-5MHz-L-DFT-QPSK-Edge_1RB_Left



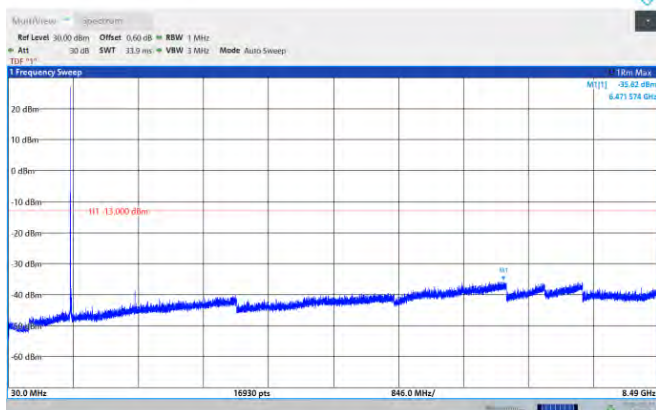
N5-PC3-5MHz-M-DFT-QPSK-Edge_1RB_Left



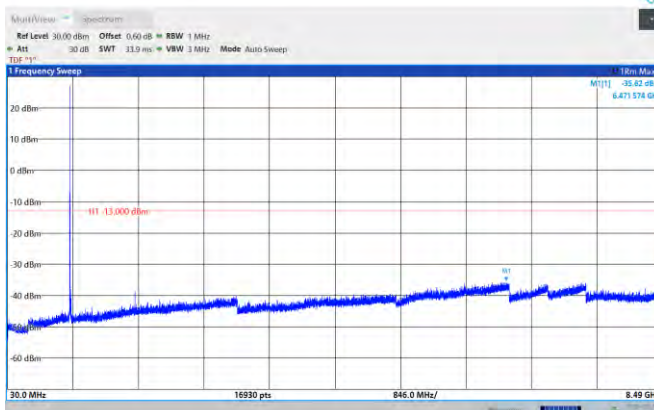
N5-PC3-5MHz-H-DFT-QPSK-Edge_1RB_Left



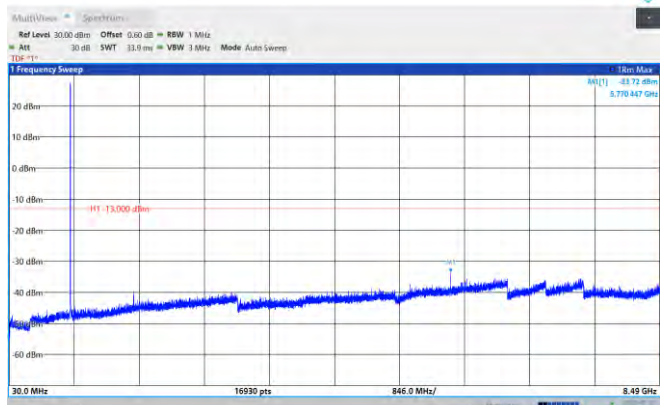
N5-PC3-10MHz-L-DFT-QPSK-Edge_1RB_Left



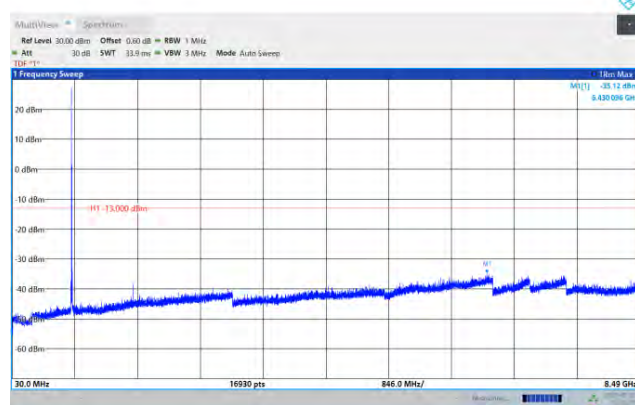
N5-PC3-10MHz-M-DFT-QPSK-Edge_1RB_Left



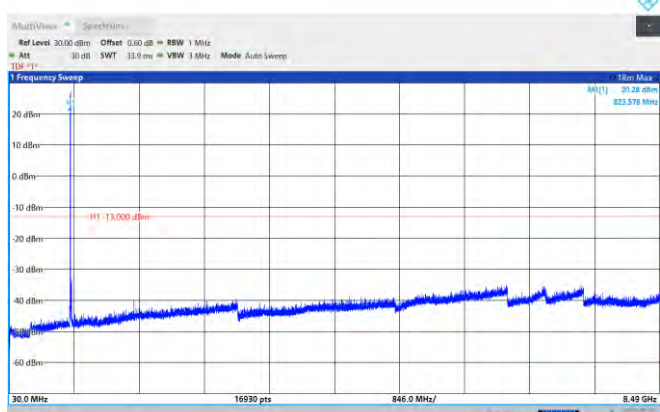
N5-PC3-10MHz-H-DFT-QPSK-Edge_1RB_Left



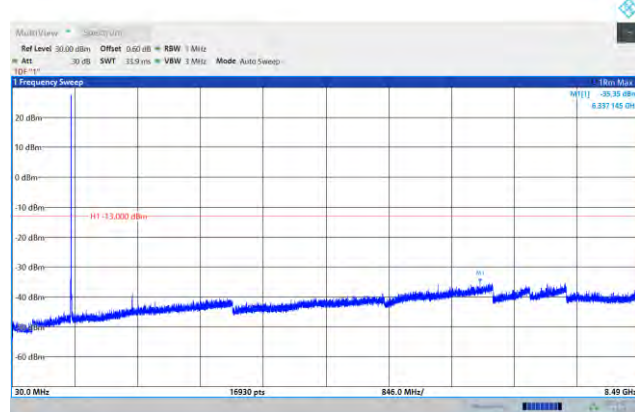
N5-PC3-15MHz-L-DFT-QPSK-Edge_1RB_Left



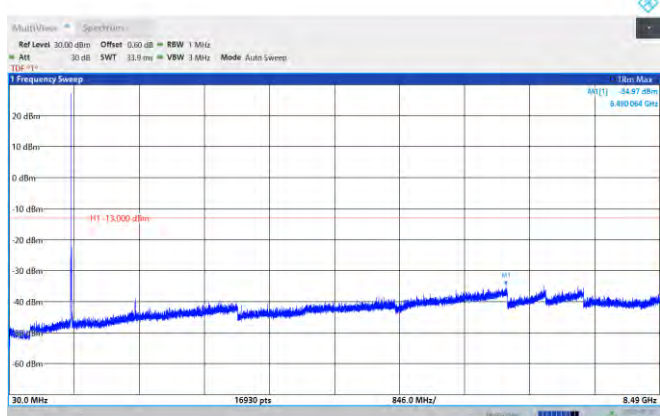
N5-PC3-15MHz-M-DFT-QPSK-Edge_1RB_Left



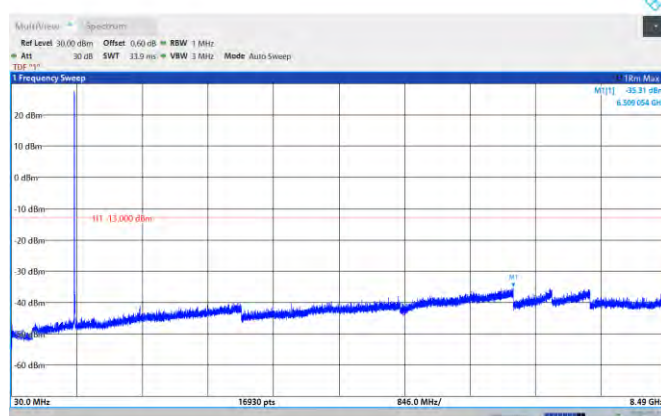
N5-PC3-15MHz-H-DFT-QPSK-Edge_1RB_Left



N5-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



N5-PC3-20MHz-M-DFT-QPSK-Edge_1RB_Left



N5-PC3-20MHz-H-DFT-QPSK-Edge_1RB_Left



Reference No.: PSU-NQN2403180115RF07

FREQUENCY STABILITY TEST RESULT

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20MHz	DFT-QPSK	L	Outer_Full	VL	NT	1.23	0.0015	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	VN	NT	-4.01	-0.0048	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	VH	NT	9.99	0.0121	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	VL	NT	12.59	0.0151	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	VN	NT	-11.17	-0.0134	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	VH	NT	10.99	0.0131	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	VL	NT	1.88	0.0022	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	VN	NT	3.35	0.0040	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	VH	NT	1.56	0.0018	±2.5	PASS

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	-30	9.90	0.0119	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	-20	3.05	0.0037	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	-10	-8.90	-0.0005	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	0	-7.28	-0.0088	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	10	-7.85	-0.0095	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	20	13.65	0.0165	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	30	-12.41	-0.0150	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	40	5.57	0.0067	±2.5	PASS
N5	15	20MHz	DFT-QPSK	L	Outer_Full	NV	50	0.24	0.0003	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	-30	8.49	0.0102	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	-20	7.43	0.0089	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	-10	8.10	0.0004	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	0	9.24	0.0110	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	10	-12.25	-0.0146	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	20	-10.98	-0.0131	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	30	-14.31	-0.0171	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	40	-10.47	-0.0125	±2.5	PASS
N5	15	20MHz	DFT-QPSK	M	Outer_Full	NV	50	3.50	0.0042	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	-30	2.37	0.0028	±2.5	PASS

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BUREAU
VERITAS

Reference No.: PSU-NQN2403180115RF07

N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	-20	-13.15	-0.0157	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	-10	-12.79	-0.0068	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	0	-11.18	-0.0132	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	10	-6.57	-0.0078	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	20	8.11	0.0096	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	30	12.94	0.0153	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	40	-13.50	-0.0160	±2.5	PASS
N5	15	20MHz	DFT-QPSK	H	Outer_Full	NV	50	-14.96	-0.0177	±2.5	PASS



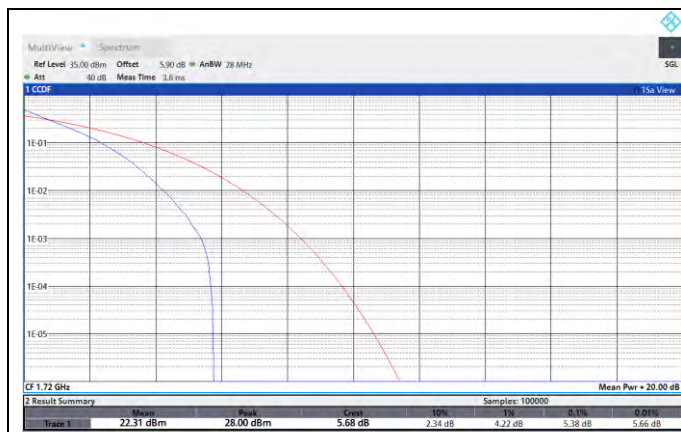
Reference No.: PSU-NQN2403180115RF07

N66

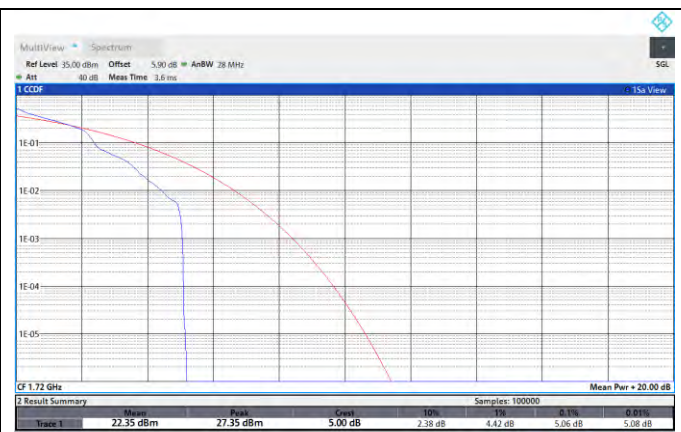
PEAK-TO-AVERAGE RATIO(CCDF)
TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
N66	15	20MHz	DFT-QPSK	L	Outer_Full	5.38	13	PASS
N66	15	20MHz	DFT-QPSK	L	Edge 1RB Left	5.06	13	PASS
N66	15	20MHz	DFT-QPSK	M	Outer_Full	5.24	13	PASS
N66	15	20MHz	DFT-QPSK	M	Edge 1RB Left	5.26	13	PASS
N66	15	20MHz	DFT-QPSK	H	Outer_Full	5.56	13	PASS
N66	15	20MHz	DFT-QPSK	H	Edge 1RB Left	5.58	13	PASS

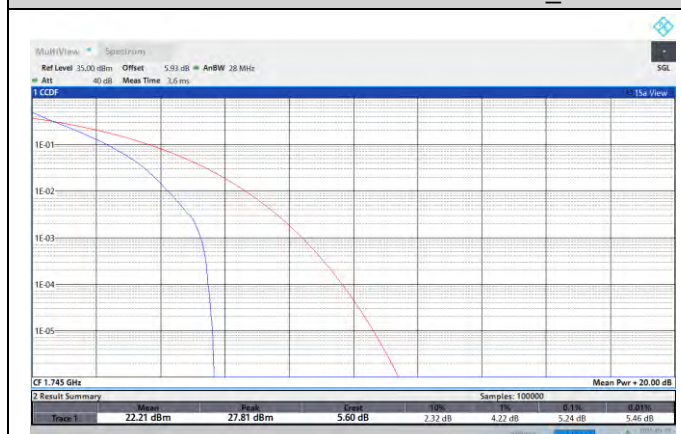
Test Graphs



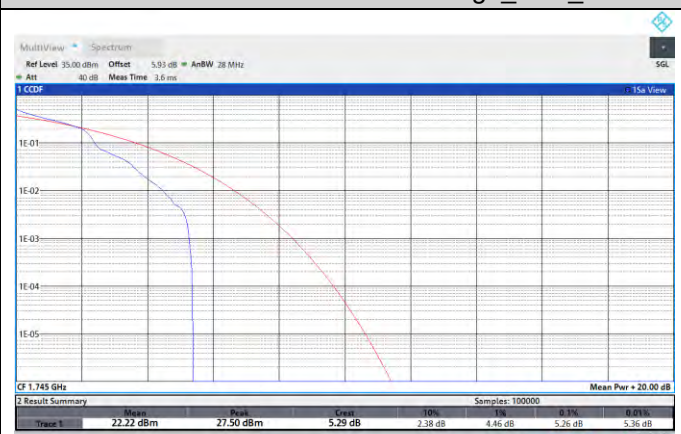
N66-PC3-20MHz-L-DFT-QPSK-Outer_Full



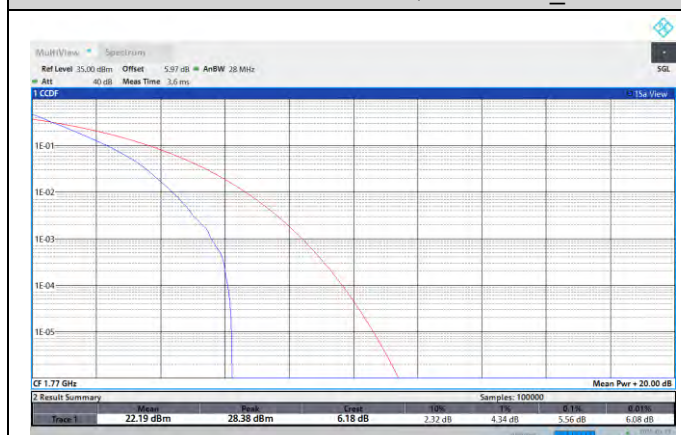
N66-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



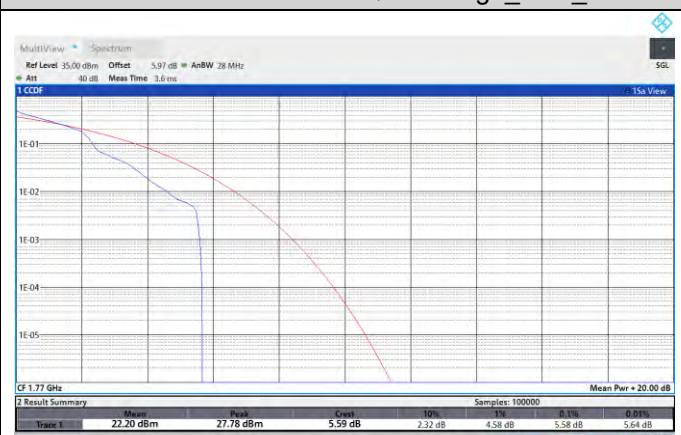
N66-PC3-20MHz-M-DFT-QPSK-Outer_Full



N66-PC3-20MHz-M-DFT-QPSK-Edge_1RB_Left



N66-PC3-20MHz-H-DFT-QPSK-Outer_Full



N66-PC3-20MHz-H-DFT-QPSK-Edge_1RB_Left

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

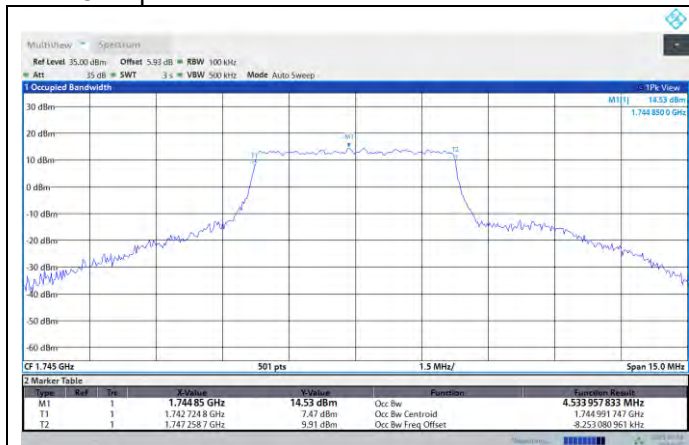
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N66	15	5MHz	DFT-PI2BPSK	M	Outer_Full	4.534	5.21	PASS
N66	15	5MHz	DFT-QPSK	M	Outer_Full	4.535	5.20	PASS
N66	15	5MHz	DFT-16QAM	M	Outer_Full	4.520	5.26	PASS
N66	15	5MHz	DFT-64QAM	M	Outer_Full	4.524	5.26	PASS
N66	15	5MHz	DFT-256QAM	M	Outer_Full	4.535	5.25	PASS
N66	15	10MHz	DFT-PI2BPSK	M	Outer_Full	9.033	9.95	PASS
N66	15	10MHz	DFT-QPSK	M	Outer_Full	9.031	9.86	PASS
N66	15	10MHz	DFT-16QAM	M	Outer_Full	9.020	9.83	PASS
N66	15	10MHz	DFT-64QAM	M	Outer_Full	9.098	10.10	PASS
N66	15	10MHz	DFT-256QAM	M	Outer_Full	9.025	9.92	PASS
N66	15	15MHz	DFT-PI2BPSK	M	Outer_Full	13.560	14.61	PASS
N66	15	15MHz	DFT-QPSK	M	Outer_Full	13.538	14.74	PASS
N66	15	15MHz	DFT-16QAM	M	Outer_Full	13.547	14.61	PASS
N66	15	15MHz	DFT-64QAM	M	Outer_Full	13.514	14.70	PASS
N66	15	15MHz	DFT-256QAM	M	Outer_Full	13.535	14.70	PASS
N66	15	20MHz	DFT-PI2BPSK	M	Outer_Full	18.148	19.60	PASS
N66	15	20MHz	DFT-QPSK	M	Outer_Full	18.109	17.72	PASS
N66	15	20MHz	DFT-16QAM	M	Outer_Full	18.052	19.48	PASS
N66	15	20MHz	DFT-64QAM	M	Outer_Full	18.064	19.36	PASS
N66	15	20MHz	DFT-256QAM	M	Outer_Full	17.998	19.96	PASS
N66	15	25MHz	DFT-PI2BPSK	M	Outer_Full	22.946	24.35	PASS
N66	15	25MHz	DFT-QPSK	M	Outer_Full	22.962	24.57	PASS
N66	15	25MHz	DFT-16QAM	M	Outer_Full	23.020	24.43	PASS
N66	15	25MHz	DFT-64QAM	M	Outer_Full	23.008	24.50	PASS
N66	15	25MHz	DFT-256QAM	M	Outer_Full	22.999	24.88	PASS
N66	15	30MHz	DFT-PI2BPSK	M	Outer_Full	28.624	30.12	PASS
N66	15	30MHz	DFT-QPSK	M	Outer_Full	28.780	30.30	PASS
N66	15	30MHz	DFT-16QAM	M	Outer_Full	28.668	30.21	PASS
N66	15	30MHz	DFT-64QAM	M	Outer_Full	28.558	30.57	PASS
N66	15	30MHz	DFT-256QAM	M	Outer_Full	28.743	30.21	PASS
N66	15	40MHz	DFT-PI2BPSK	M	Outer_Full	38.926	41.48	PASS
N66	15	40MHz	DFT-QPSK	M	Outer_Full	38.982	41.36	PASS
N66	15	40MHz	DFT-16QAM	M	Outer_Full	38.847	42.68	PASS
N66	15	40MHz	DFT-64QAM	M	Outer_Full	38.753	41.24	PASS
N66	15	40MHz	DFT-256QAM	M	Outer_Full	38.841	41.24	PASS



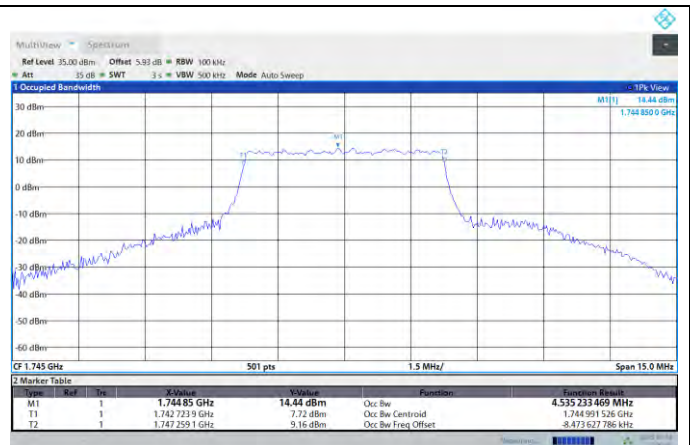
Reference No.: PSU-NQN2403180115RF07

TEST GRAPHS

Occupied Bandwidth



N66-PC3-5MHz-M-DFT-PI2BPSK-Outer_Full



N66-PC3-5MHz-M-DFT-QPSK-Outer_Full



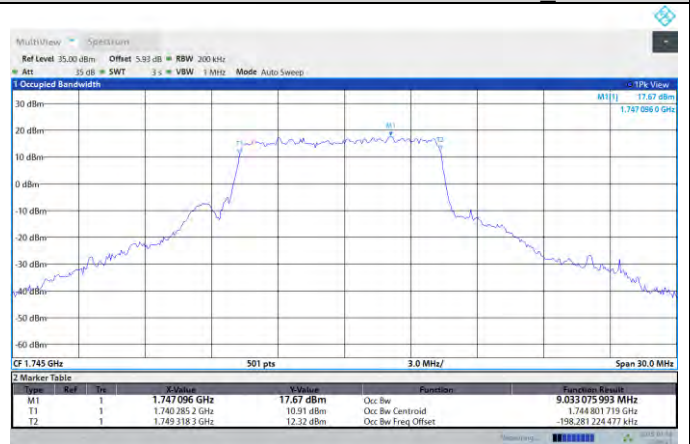
N66-PC3-5MHz-M-DFT-16QAM-Outer_Full



N66-PC3-5MHz-M-DFT-64QAM-Outer_Full



N66-PC3-5MHz-M-DFT-256QAM-Outer_Full



N66-PC3-10MHz-M-DFT-PI2BPSK-Outer_Full



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N66-PC3-10MHz-M-DFT-QPSK-Outer_Full



N66-PC3-10MHz-M-DFT-16QAM-Outer_Full



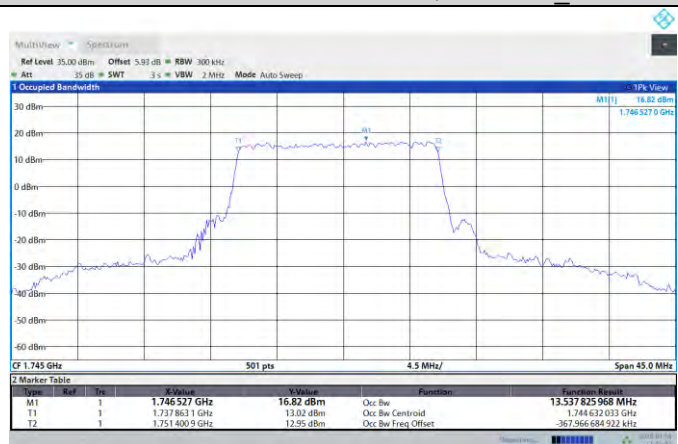
N66-PC3-10MHz-M-DFT-64QAM-Outer_Full



N66-PC3-10MHz-M-DFT-256QAM-Outer_Full



N66-PC3-15MHz-M-DFT-PI2BPSK-Outer_Full



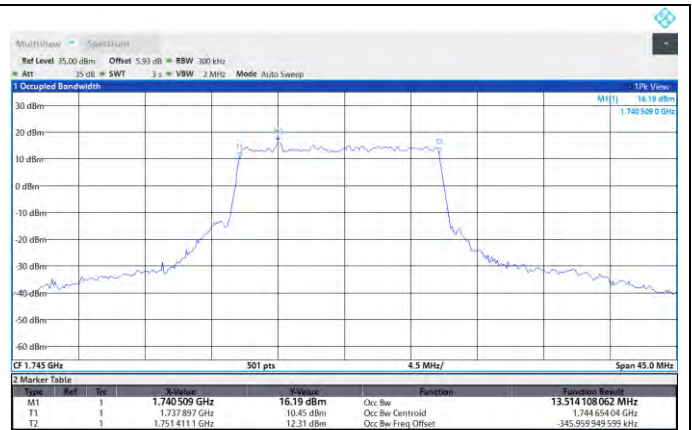
N66-PC3-15MHz-M-DFT-QPSK-Outer_Full



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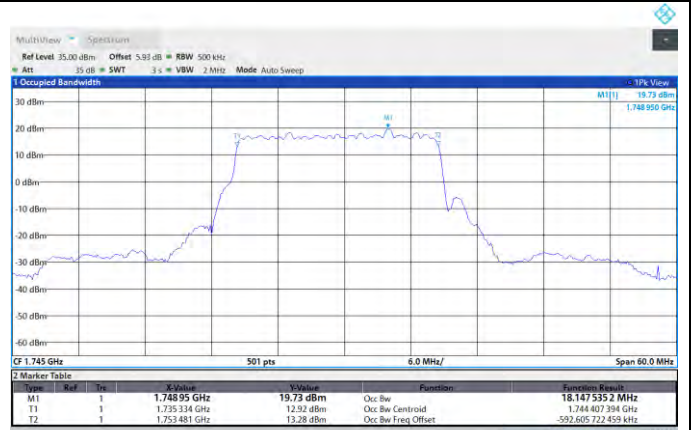
N66-PC3-15MHz-M-DFT-16QAM-Outer_Full



N66-PC3-15MHz-M-DFT-64QAM-Outer_Ful



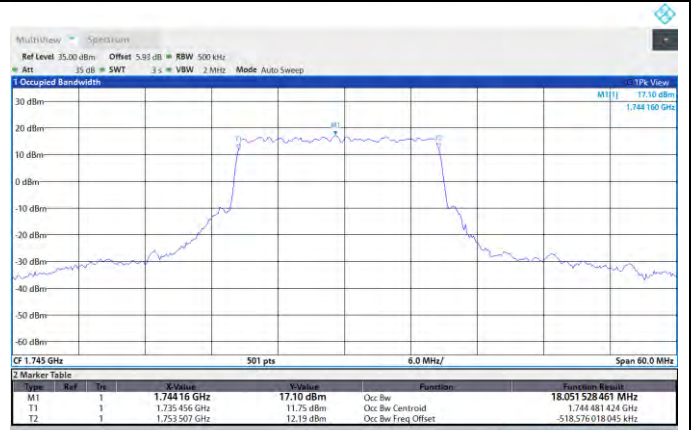
N66-PC3-15MHz-M-DFT-256QAM-Outer_Full



N66-PC3-20MHz-M-DFT-PI2BPSK-Outer_Full



N66-PC3-20MHz-M-DFT-QPSK-Outer_Full



N66-PC3-20MHz-M-DFT-16QAM-Outer_Full