APPENDIX A

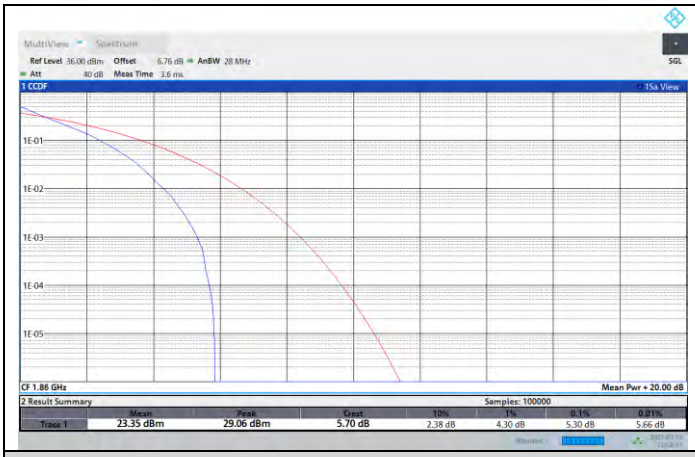
N2

PEAK-TO-AVERAGE RATIO(CCDF)

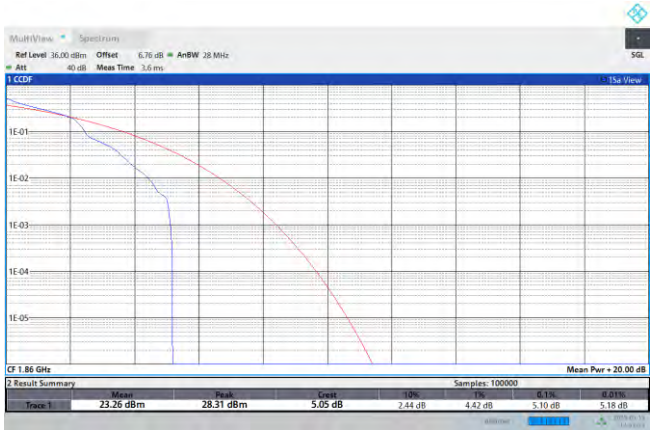
TEST RESULT

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

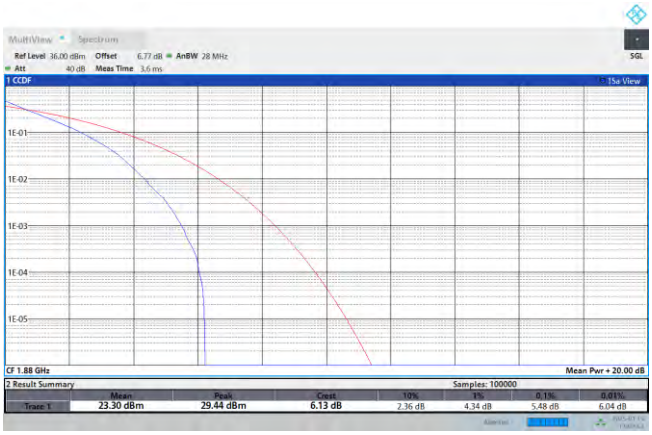
Test Graphs



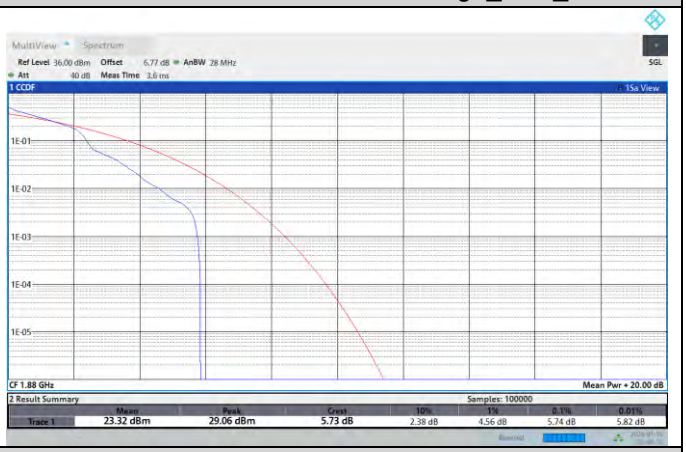
N2-PC3-20MHz-L-DFT-QPSK-Outer_Full



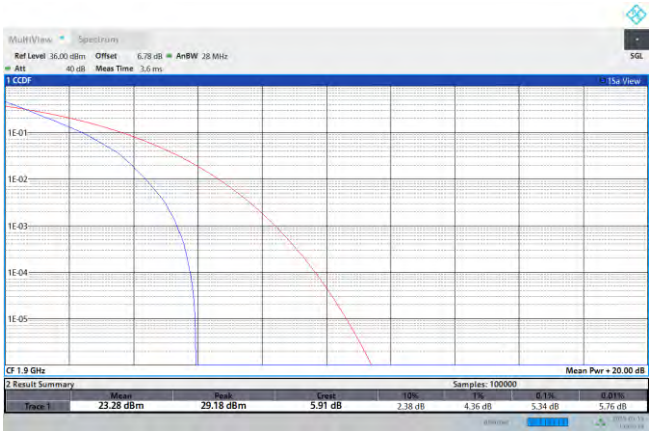
N2-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



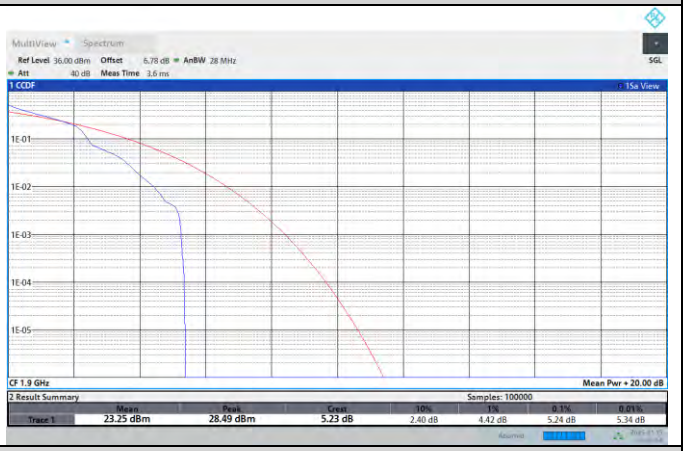
N2-PC3-20MHz-M-DFT-QPSK-Outer_Full



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



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



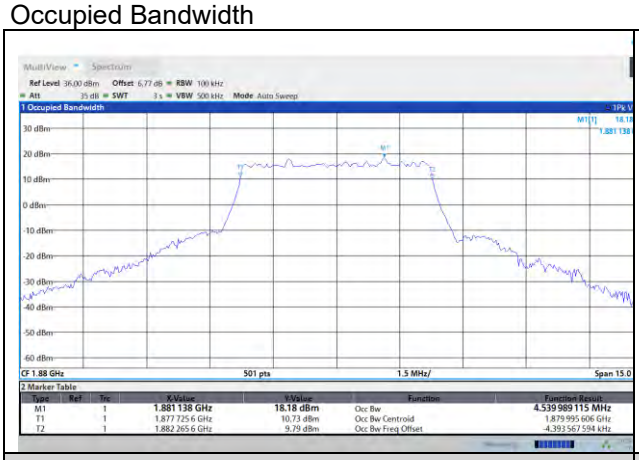
N2-PC3-20MHz-H-DFT-QPSK-Edge_1RB_Left

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

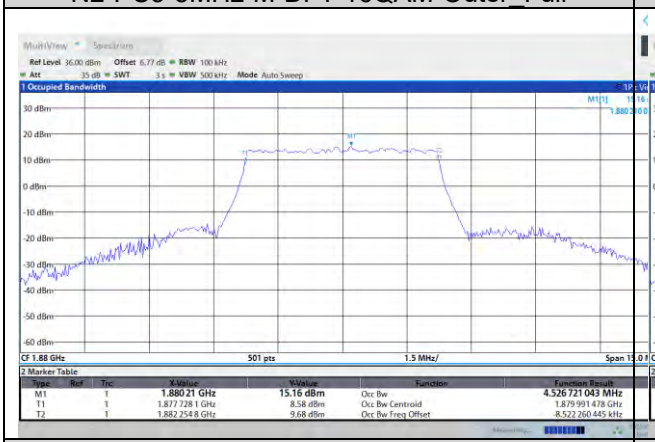


N2-PC3-5MHz-M-DFT-PI2BPSK-Outer_Full

N2-PC3-5MHz-M-DFT-QPSK-Outer_Full

N2-PC3-5MHz-M-DFT-16QAM-Outer_Full

N2-PC3-5MHz-M-DFT-64QAM-Outer_Full



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

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

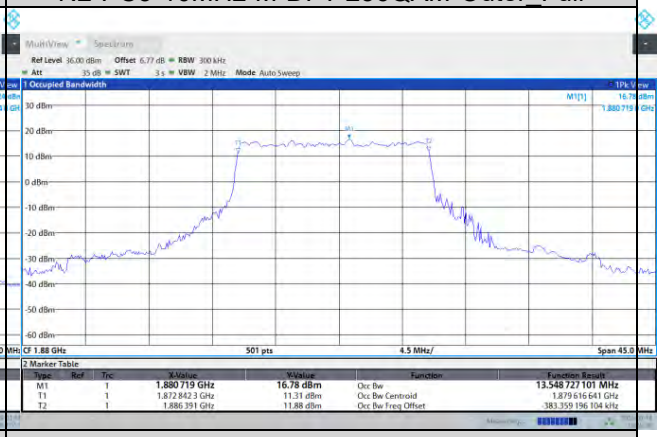
N2-PC3-10MHz-M-DFT-QPSK-Outer_Full

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

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

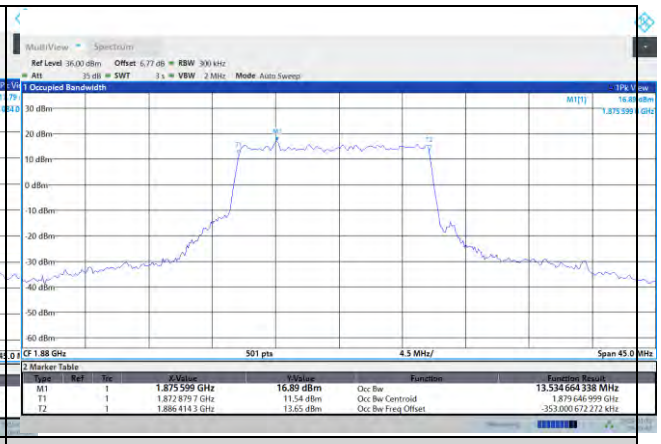
N2-PC3-10MHz-M-DFT-256QAM-Outer_Full

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_Ful

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

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

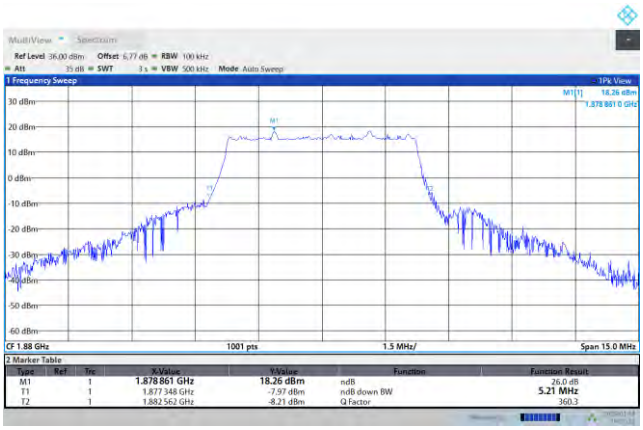
N2-PC3-20MHz-M-DFT-QPSK-Outer_Full

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

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

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

26dB Bandwidth



N2-PC3-5MHz-M-DFT-PI2BPSK-Outer_Full

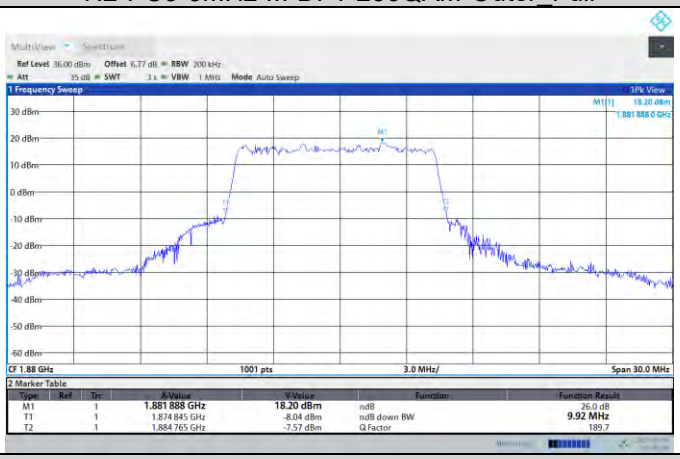
N2-PC3-5MHz-M-DFT-QPSK-Outer_Full

N2-PC3-5MHz-M-DFT-16QAM-Outer_Full

N2-PC3-5MHz-M-DFT-64QAM-Outer_Full

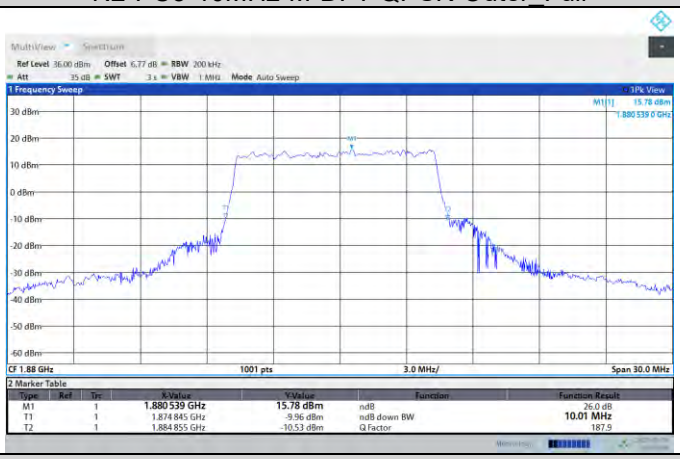
N2-PC3-5MHz-M-DFT-256QAM-Outer_Full

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



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

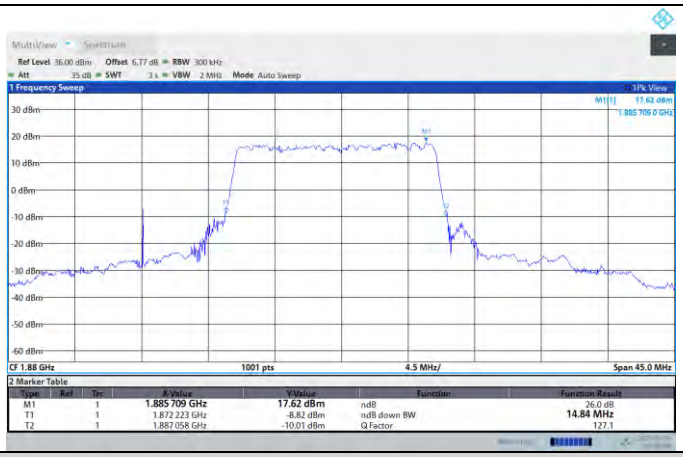
N2-PC3-10MHz-M-DFT-16QAM-Outer_Full



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

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

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

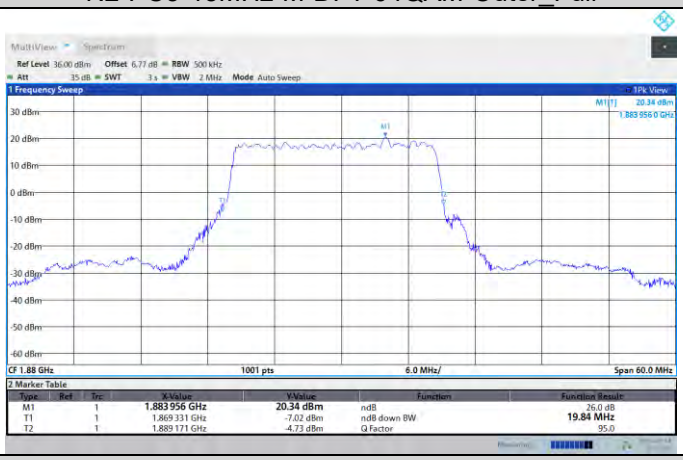


N2-PC3-15MHz-M-DFT-QPSK-Outer_Full

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

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

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

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

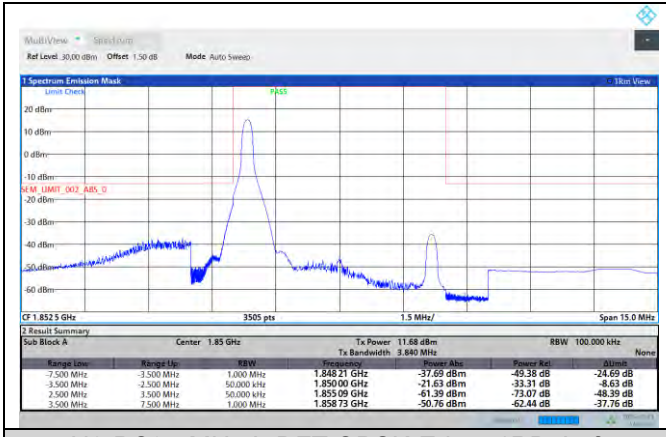
N2-PC3-20MHz-M-DFT-256QAM-Outer_Full

BAND EDGE
TEST RESULT

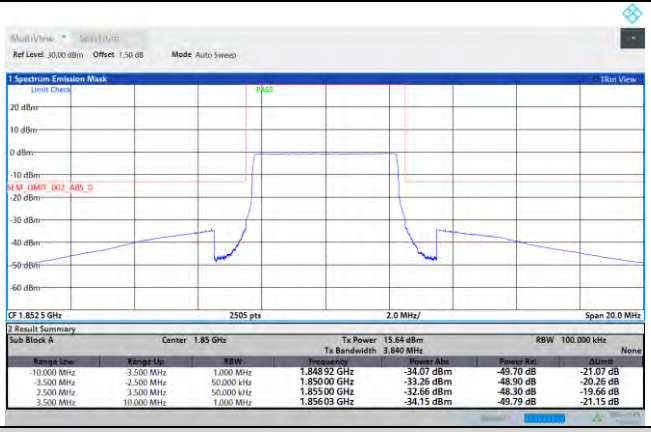
NOTE: Pre-scan QPSK,16QAM,64QAM, 256QAM four modulations modes, only the worst mode and data reflected in the report.

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

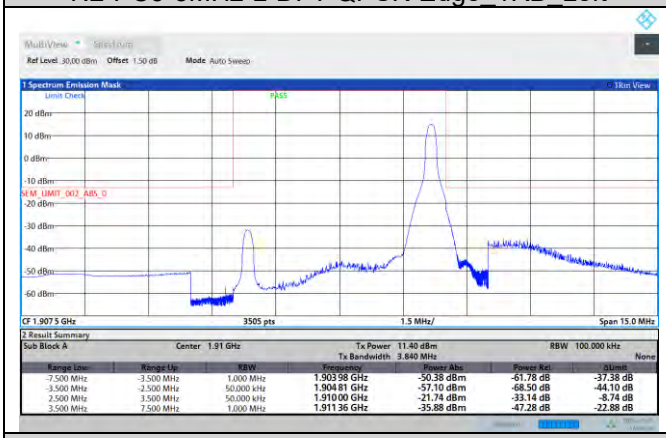
TEST GRAPHS



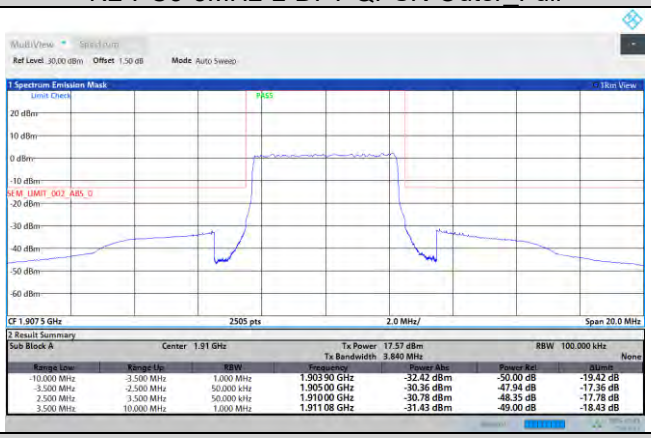
N2-PC3-5MHz-L-DFT-QPSK-Edge_1RB_Left



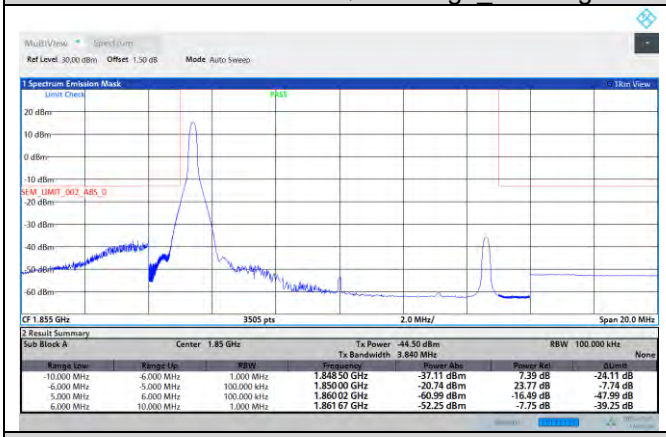
N2-PC3-5MHz-L-DFT-QPSK-Outer_Full



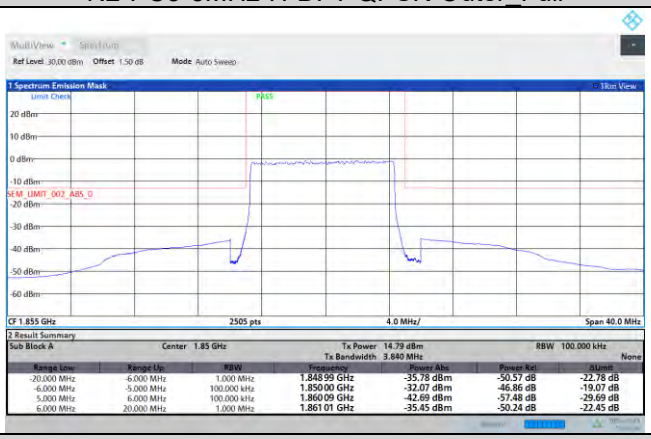
N2-PC3-5MHz-H-DFT-QPSK-Edge_1RB-Right



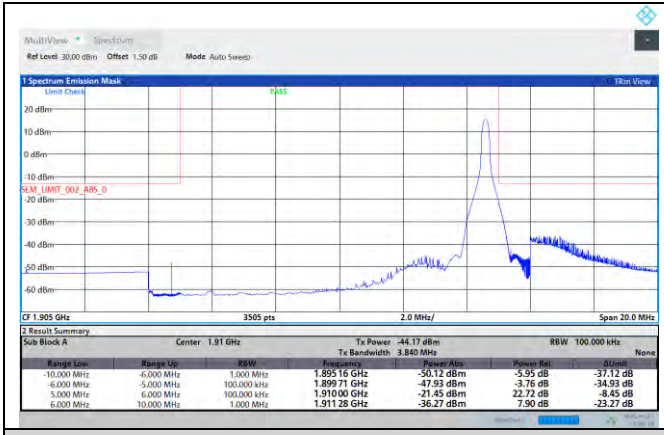
N2-PC3-5MHz-H-DFT-QPSK-Outer_Full



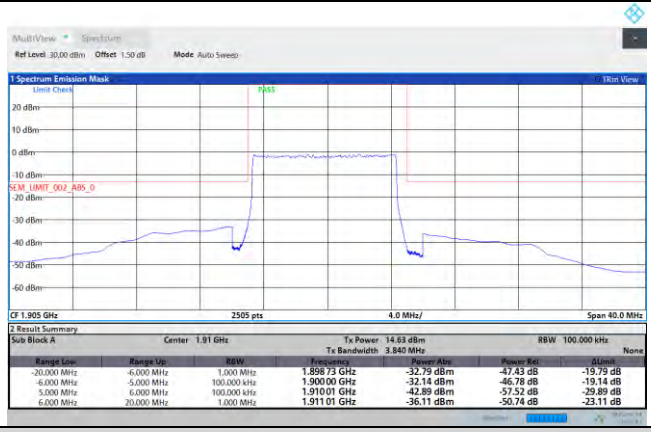
N2-PC3-10MHz-L-DFT-QPSK-Edge_1RB_Left



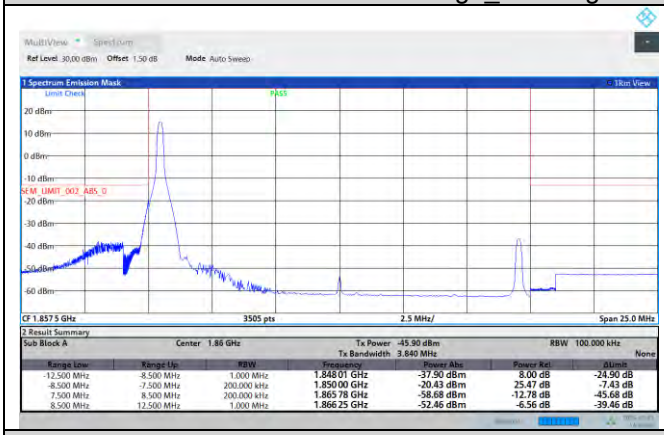
N2-PC3-10MHz-L-DFT-QPSK-Outer_Full



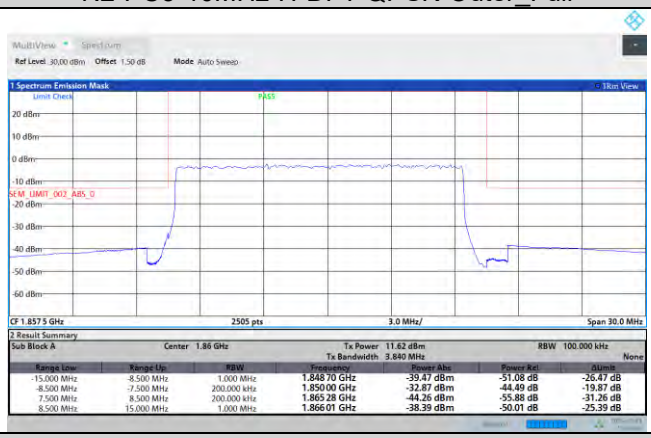
N2-PC3-10MHz-H-DFT-QPSK-Edge_1RB-Right



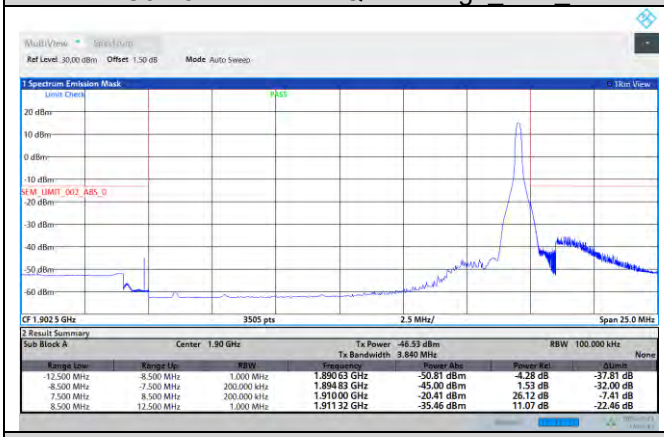
N2-PC3-10MHz-H-DFT-QPSK-Outer_Full



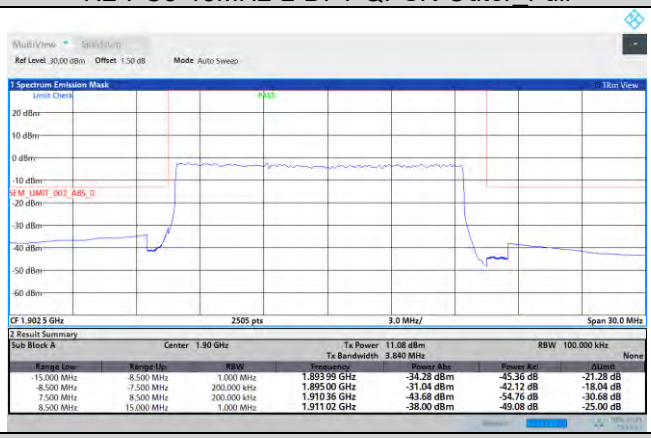
N2-PC3-15MHz-L-DFT-QPSK-Edge_1RB_Left



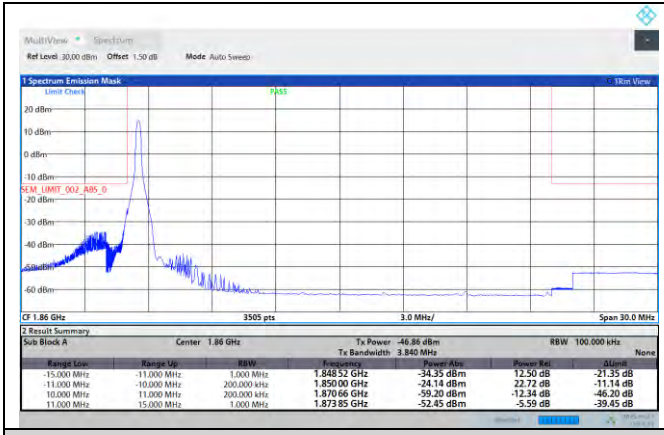
N2-PC3-15MHz-L-DFT-QPSK-Outer_Full



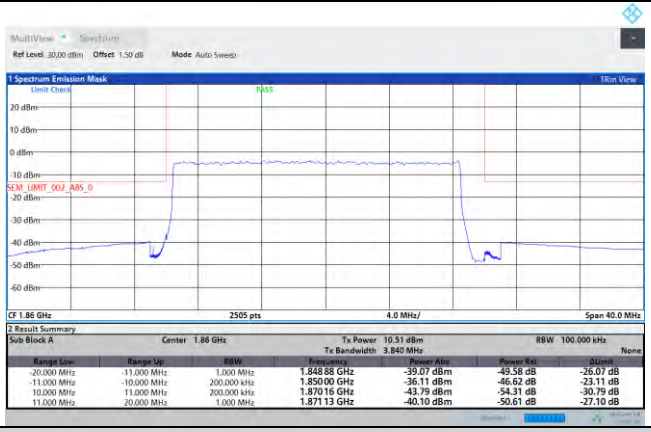
N2-PC3-15MHz-H-DFT-QPSK-Edge_1RB-Right



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

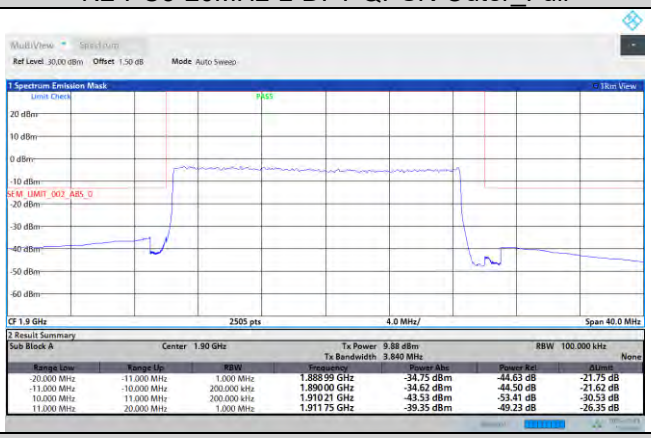


N2-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



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

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

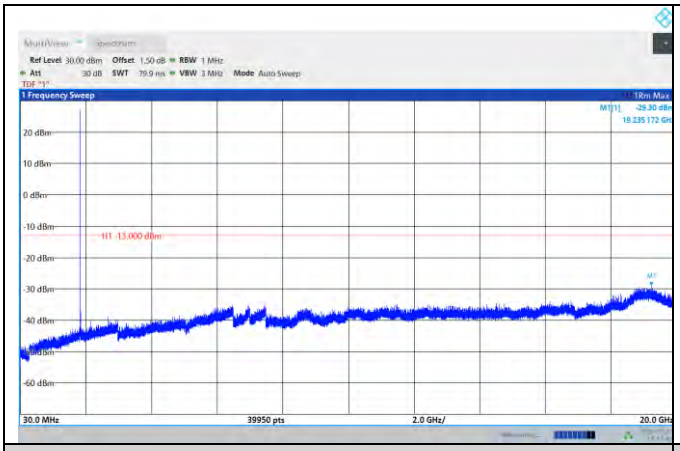


N2-PC3-20MHz-H-DFT-QPSK-Outer_Full

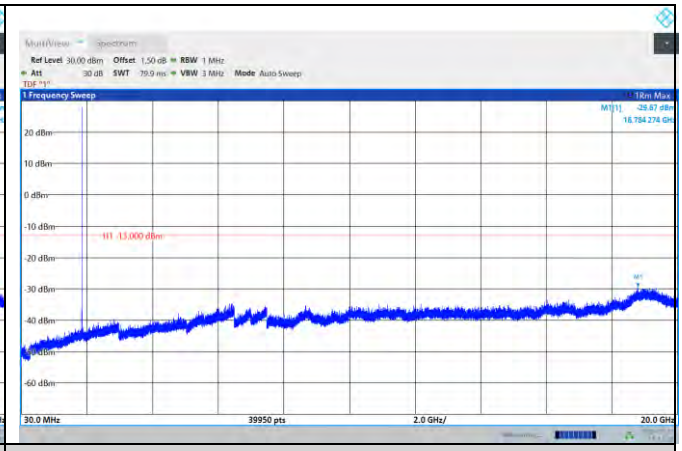
CONDUCTED SPURIOUS EMISSION
TEST RESULT

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

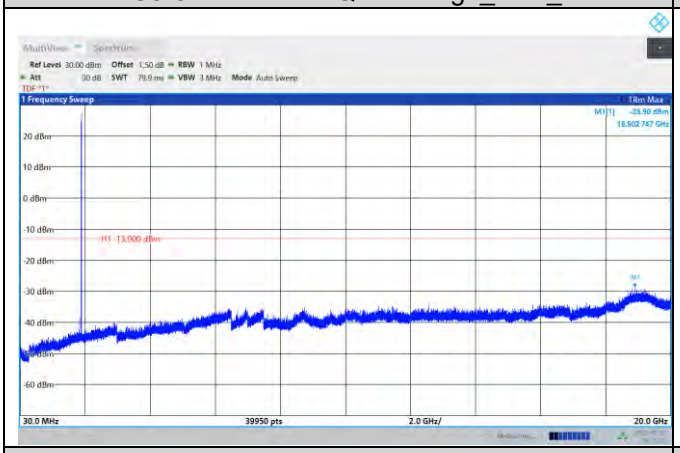
TEST GRAPHS



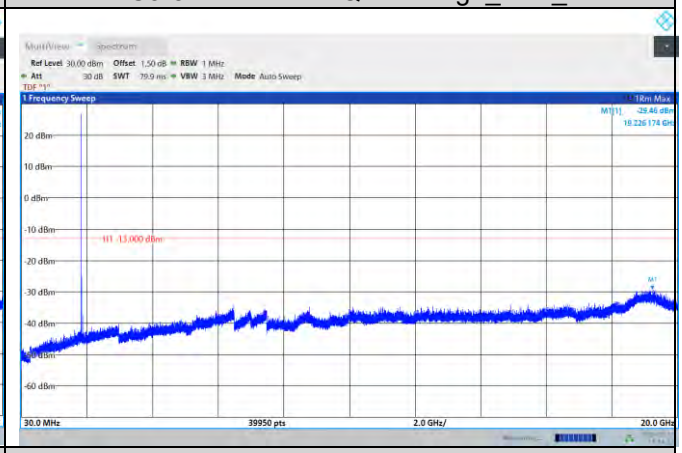
N2-PC3-5MHz-L-DFT-QPSK-Edge_1RB_Left



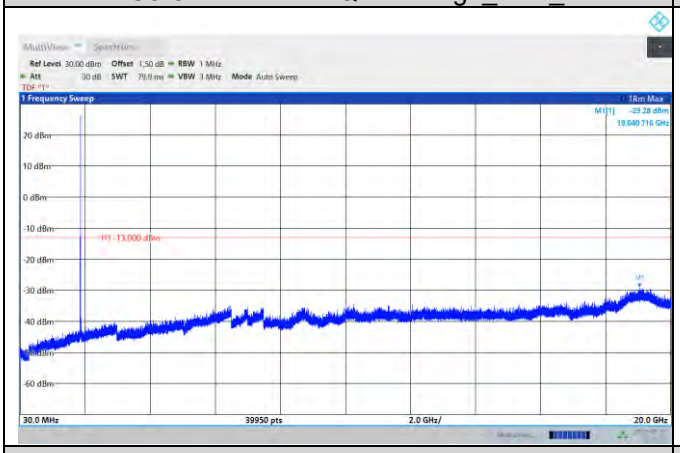
N2-PC3-5MHz-M-DFT-QPSK-Edge_1RB_Left



N2-PC3-5MHz-H-DFT-QPSK-Edge_1RB_Left



N2-PC3-10MHz-L-DFT-QPSK-Edge_1RB_Left



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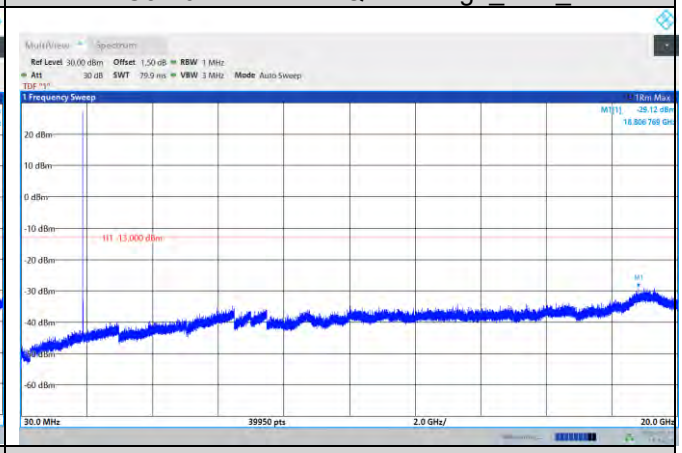

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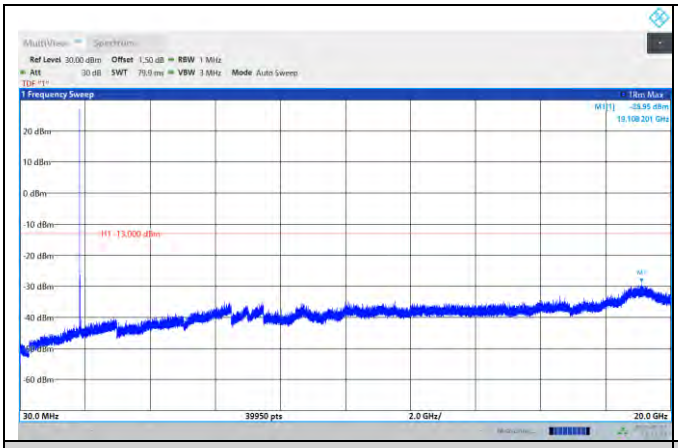

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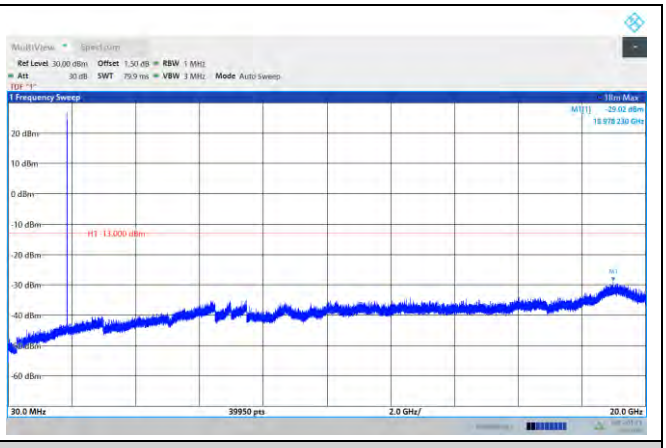

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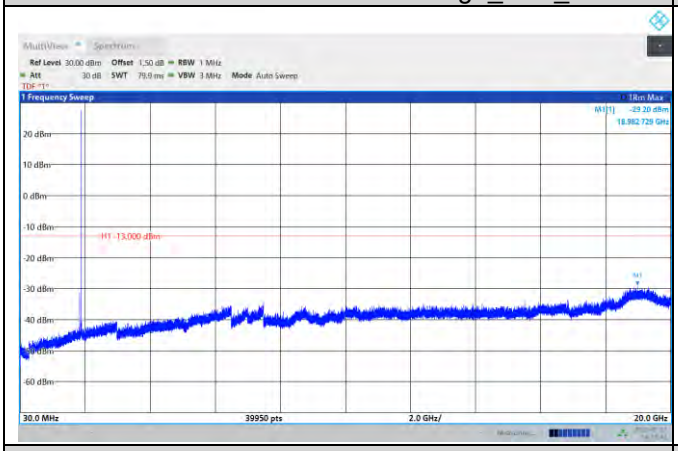

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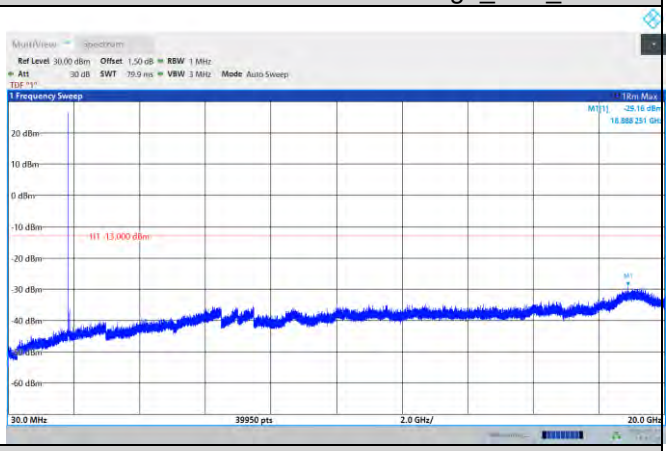
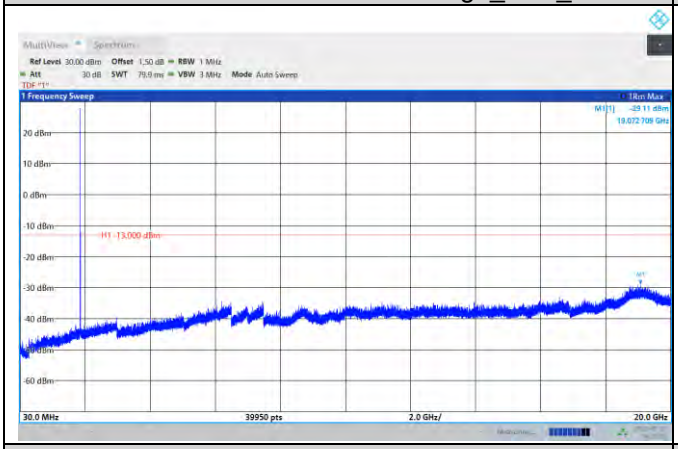


N2-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



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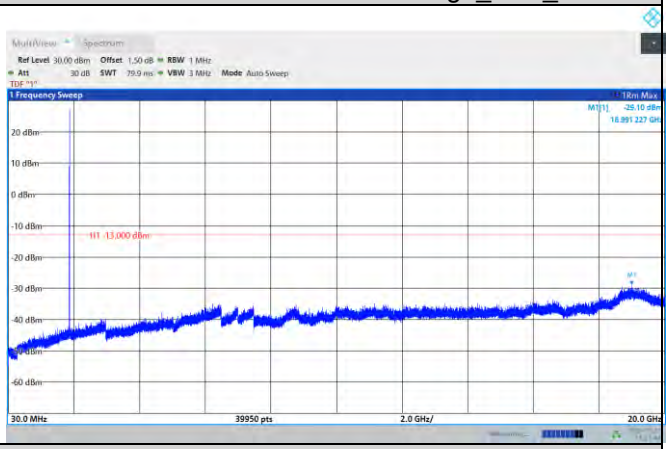


N2-PC3-20MHz-H-DFT-QPSK-Edge_1RB_Left

FREQUENCY STABILITY
TEST RESULT

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (℃)	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 (℃)	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

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

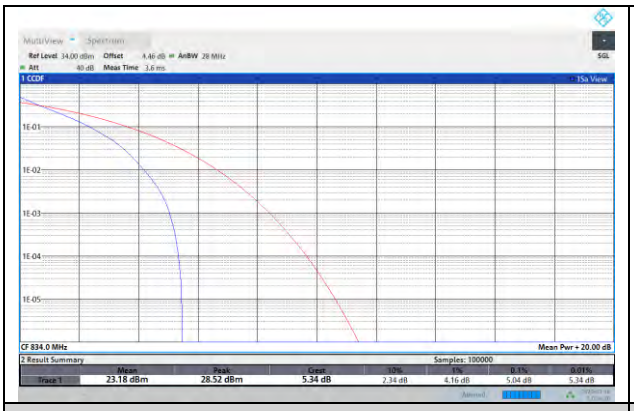
N5

PEAK-TO-AVERAGE RATIO(CCDF)

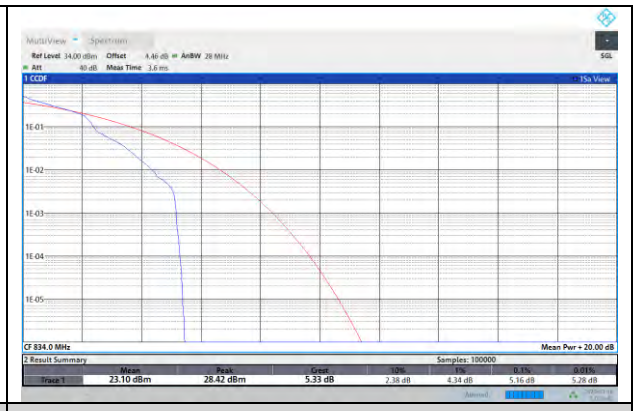
TEST RESULT

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

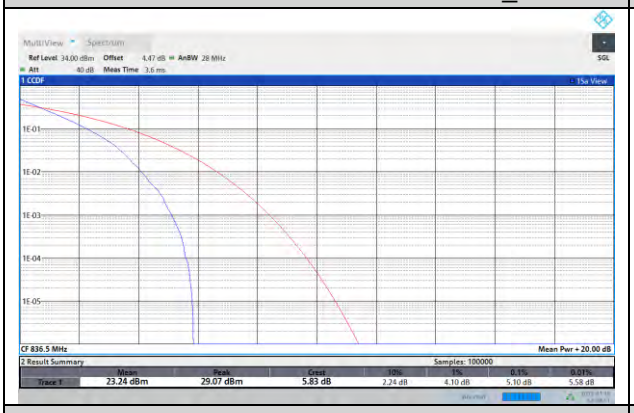
Test Graphs



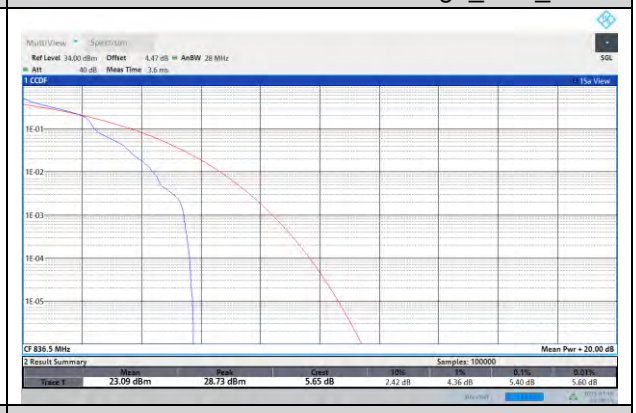
N5-PC3-20MHz-L-DFT-QPSK-Outer_Full



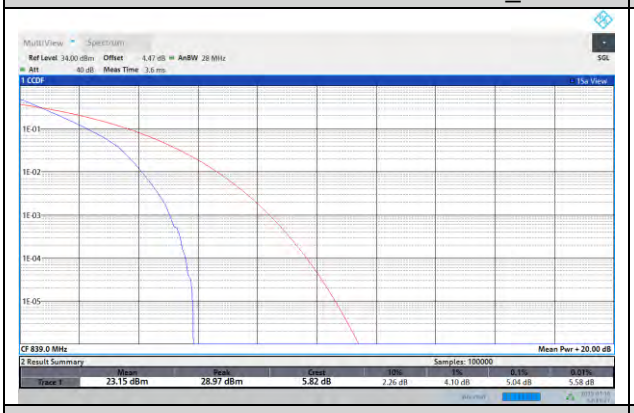
N5-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



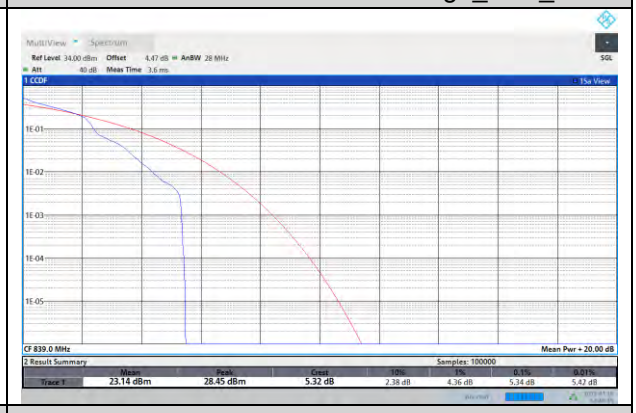
N5-PC3-20MHz-M-DFT-QPSK-Outer_Full



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



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



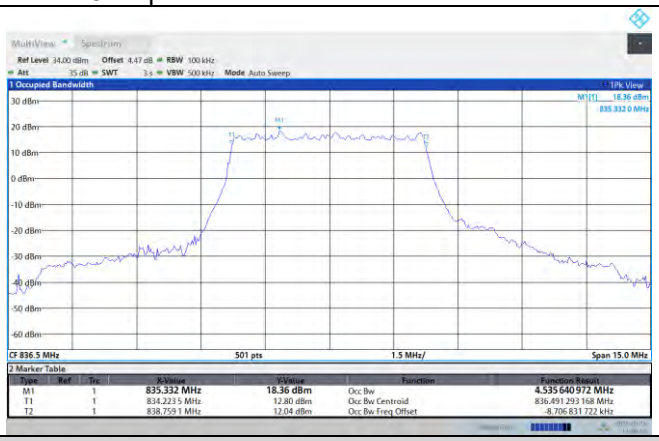
N5-PC3-20MHz-H-DFT-QPSK-Edge_1RB_Left

26DB BANDWIDTH AND OCCUPIED BANDWIDTH
TEST RESULT

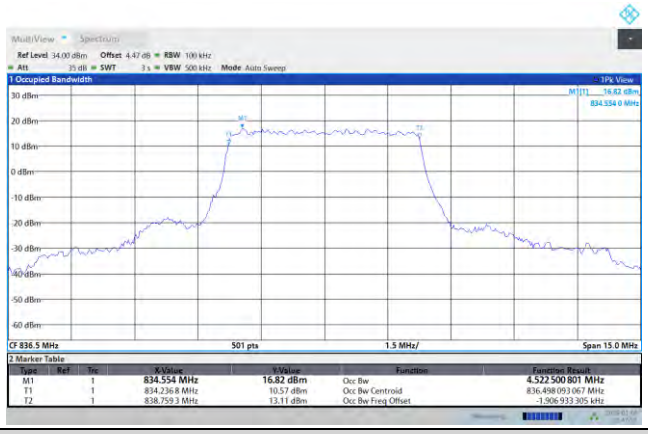
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N5	15	5MHz	DFT-PI2BPSK	M	Outer_Full	4.536	5.17	PASS
N5	15	5MHz	DFT-QPSK	M	Outer_Full	4.523	5.14	PASS
N5	15	5MHz	DFT-16QAM	M	Outer_Full	4.547	5.28	PASS
N5	15	5MHz	DFT-64QAM	M	Outer_Full	4.517	5.18	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



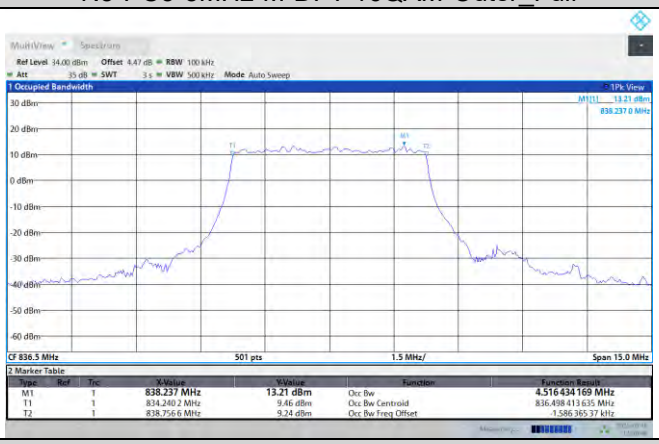
N5-PC3-5MHz-M-DFT-PI2BPSK-Outer_Full



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

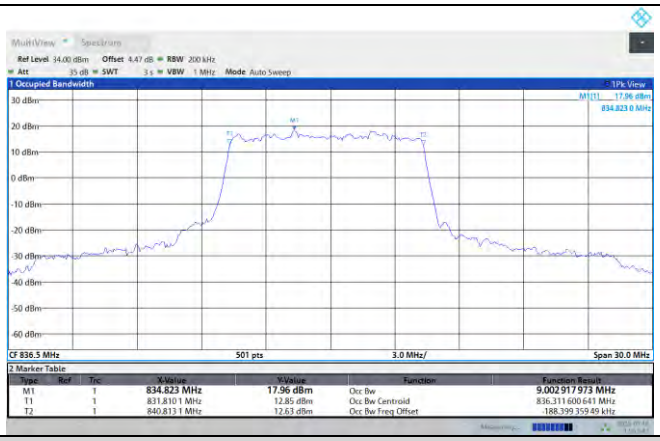
N5-PC3-5MHz-M-DFT-16QAM-Outer_Full

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

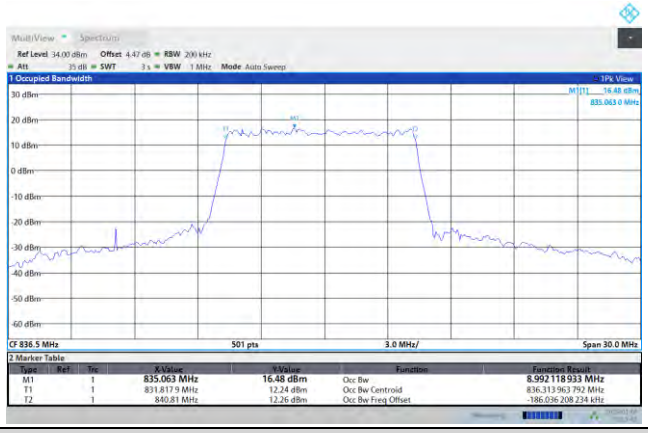


N5-PC3-5MHz-M-DFT-256QAM-Outer_Full

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

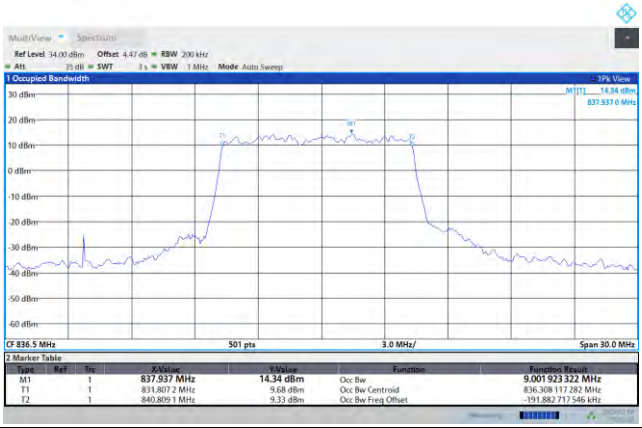


N5-PC3-10MHz-M-DFT-QPSK-Outer_Full



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

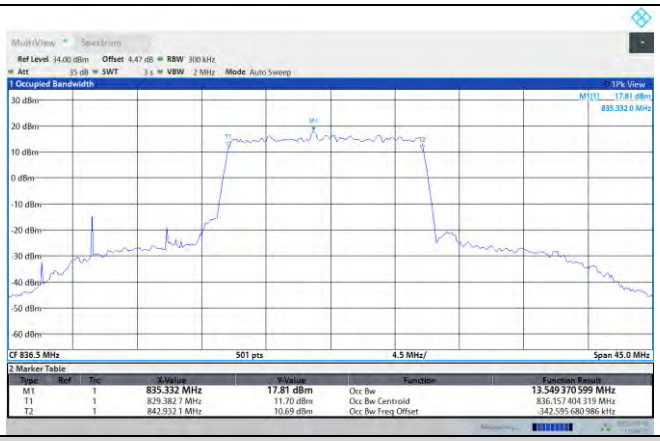
N5-PC3-10MHz-M-DFT-64QAM-Outer_Full



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

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

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



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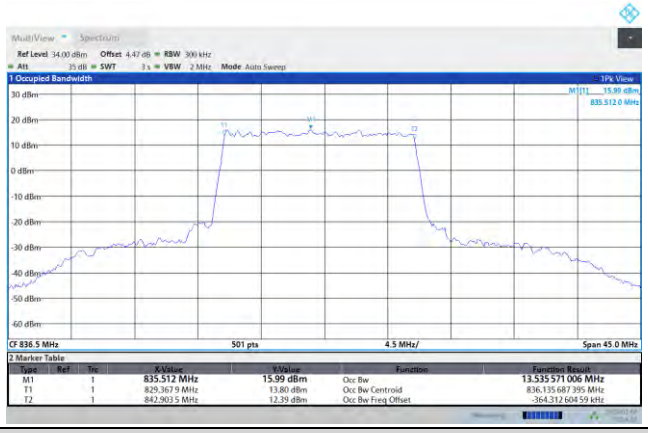
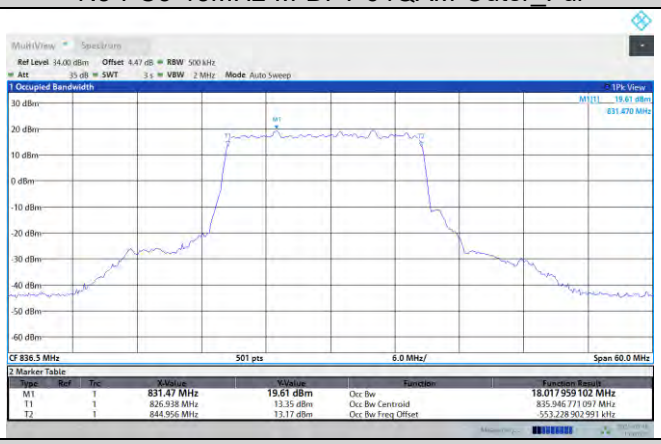


N5-PC3-15MHz-M-DFT-64QAM-Outer_Ful

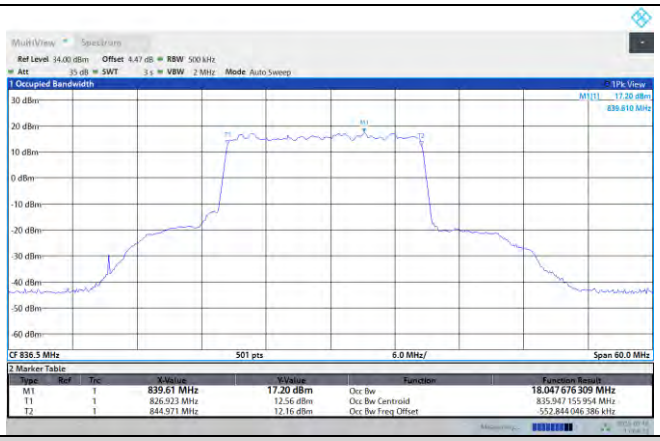
N5-PC3-15MHz-M-DFT-256QAM-Outer_Full



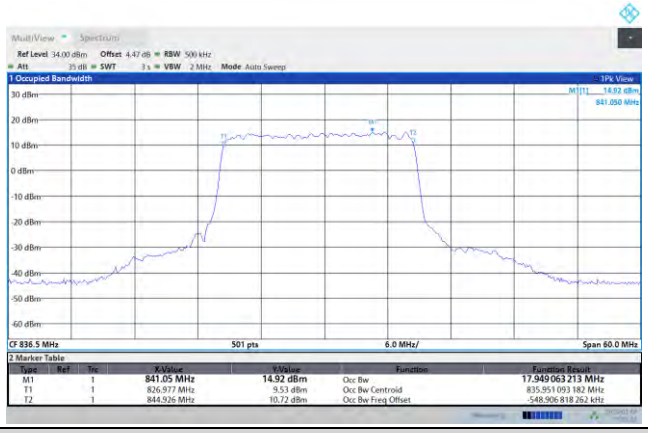
N5-PC3-20MHz-M-DFT-PI2BPSK-Outer_Full

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

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



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



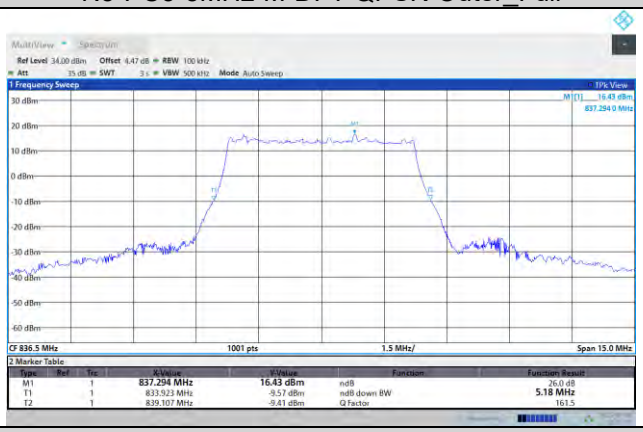
N5-PC3-20MHz-M-DFT-256QAM-Outer_Full

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

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

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

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

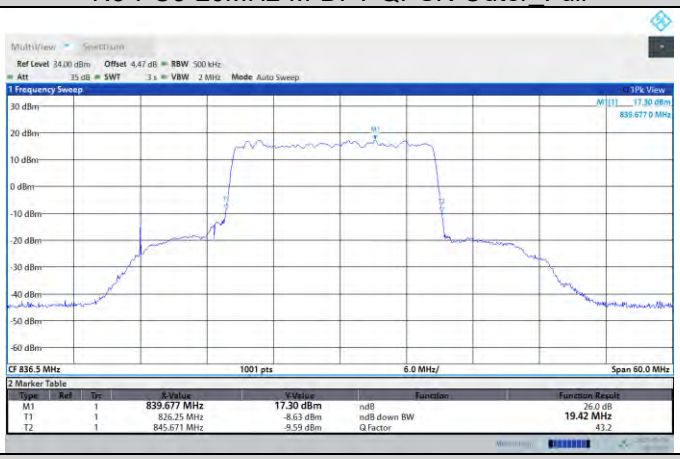
N5-PC3-15MHz-M-DFT-64QAM-Outer_Full

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

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

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

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



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

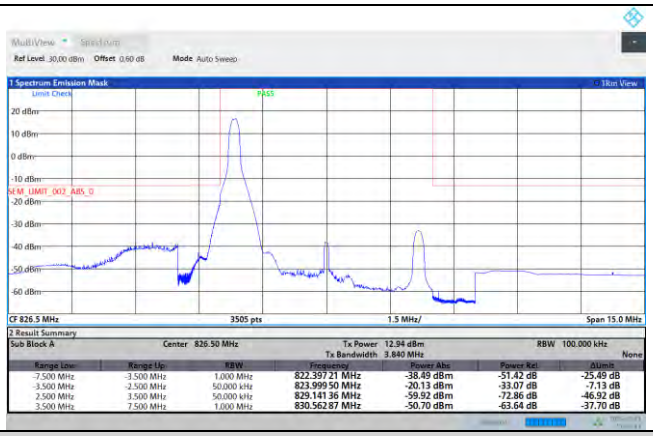
N5-PC3-20MHz-M-DFT-256QAM-Outer_Full

BAND EDGE
TEST RESULT

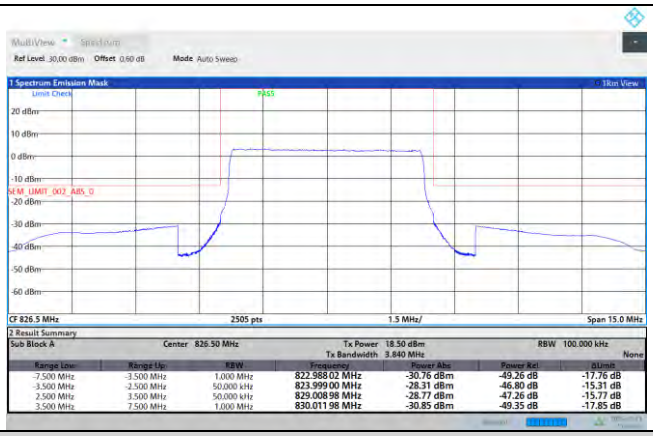
NOTE: Pre-scan QPSK,16QAM,64QAM, 256QAM four modulations modes, only the worst mode and data reflected in the report.

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

TEST GRAPHS

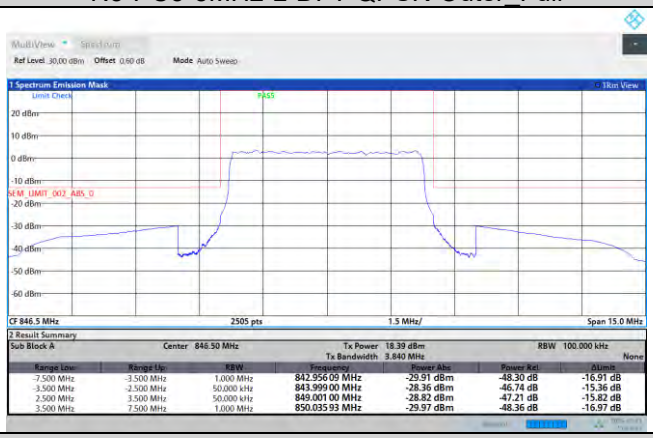


N5-PC3-5MHz-L-DFT-QPSK-Edge_1RB_Left

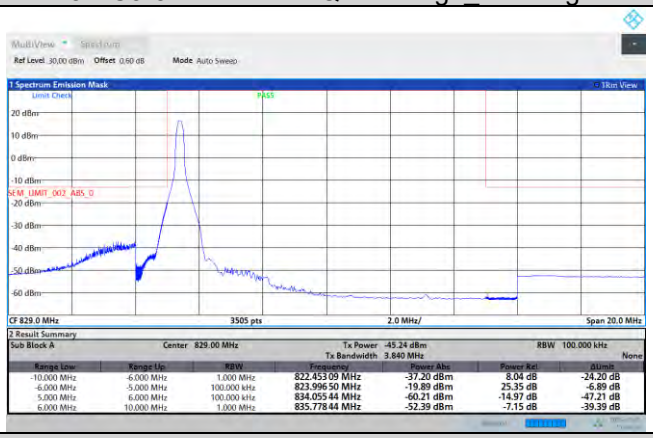


N5-PC3-5MHz-L-DFT-QPSK-Outer_Full

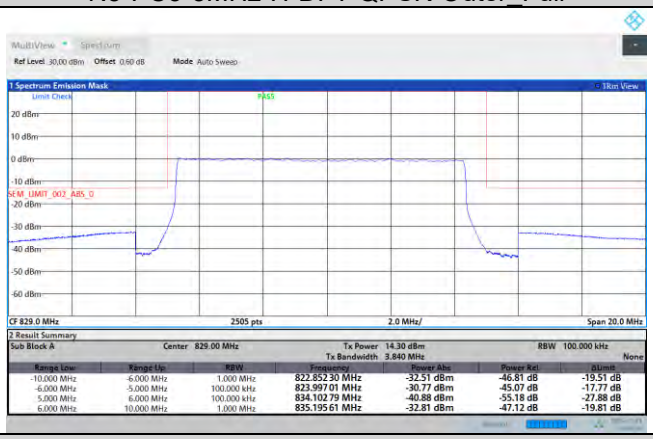
N5-PC3-5MHz-H-DFT-QPSK-Edge_1RB-Right



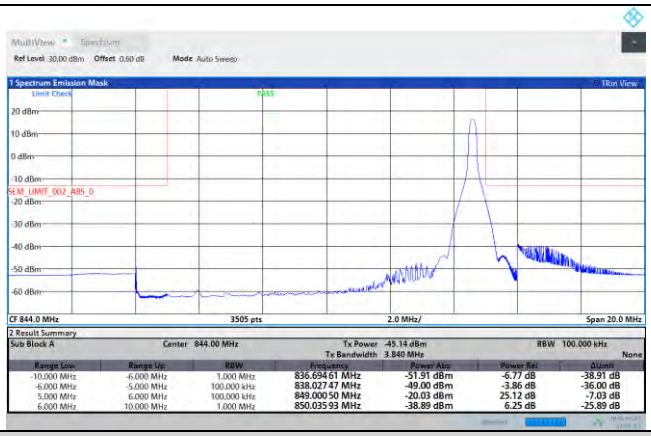
N5-PC3-5MHz-H-DFT-QPSK-Outer_Full



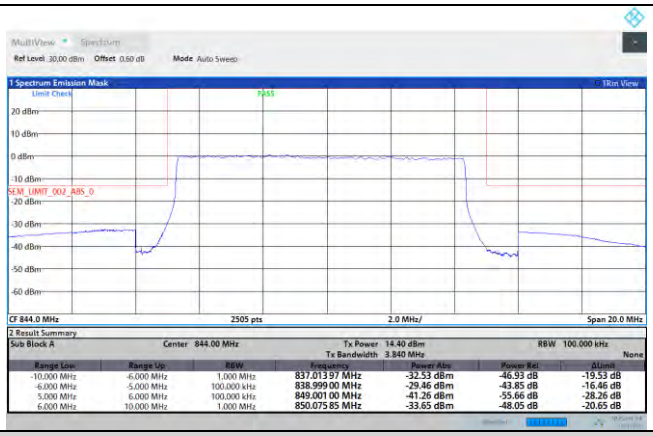
N5-PC3-10MHz-L-DFT-QPSK-Edge_1RB_Left



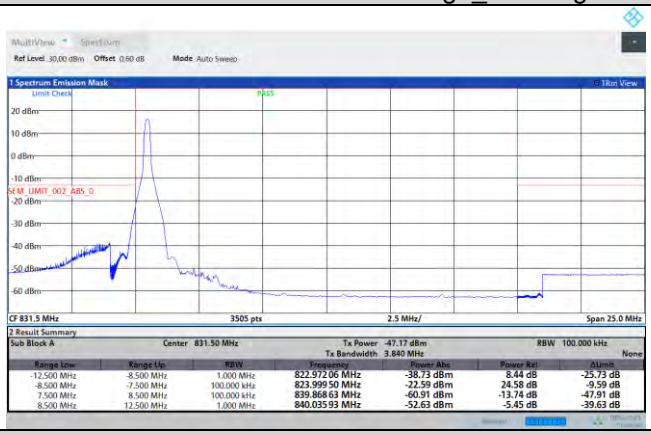
N5-PC3-10MHz-L-DFT-QPSK-Outer_Full



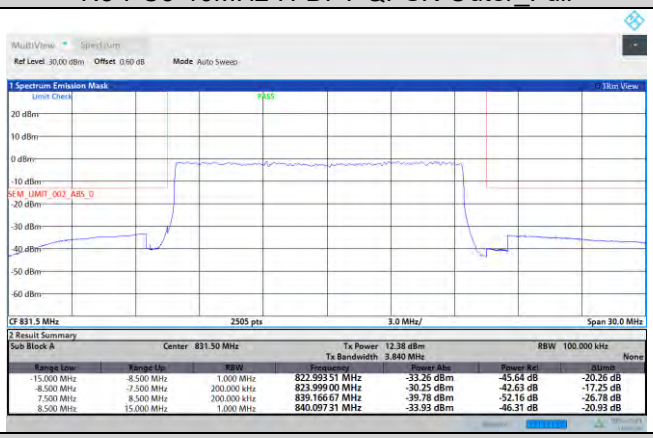
N5-PC3-10MHz-H-DFT-QPSK-Edge_1RB-Right



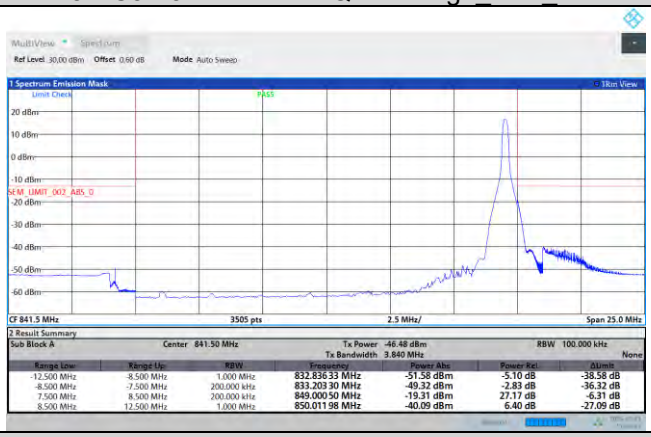
N5-PC3-10MHz-H-DFT-QPSK-Outer_Full



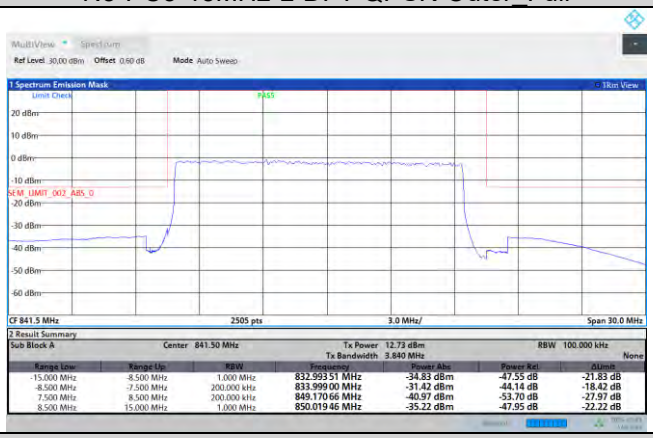
N5-PC3-15MHz-L-DFT-QPSK-Edge_1RB_Left



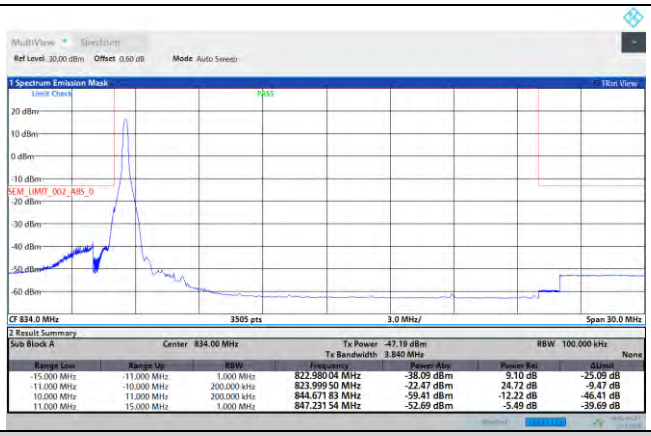
N5-PC3-15MHz-L-DFT-QPSK-Outer_Full



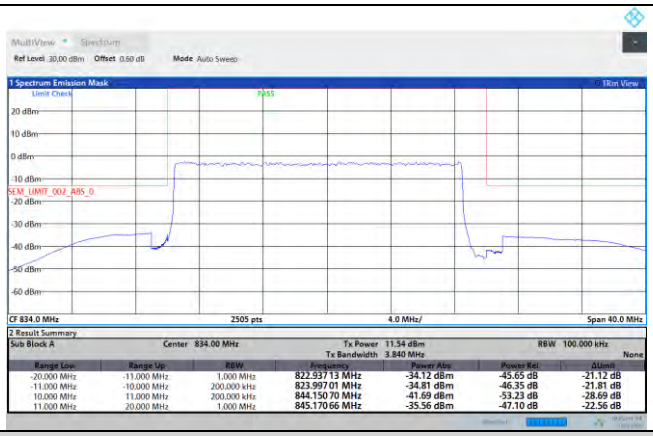
N5-PC3-15MHz-H-DFT-QPSK-Edge_1RB-Right



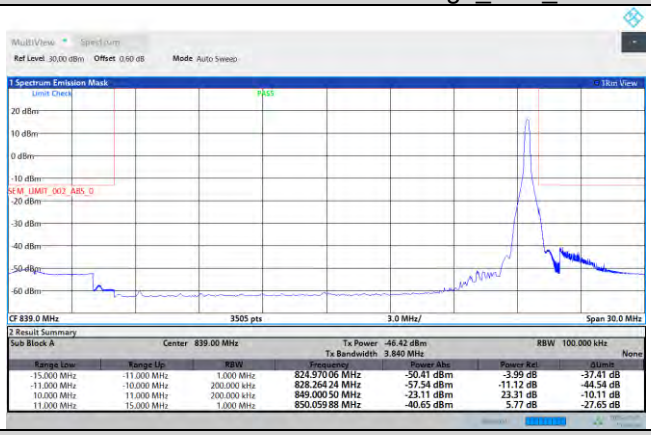
N5-PC3-15MHz-H-DFT-QPSK-Outer_Full



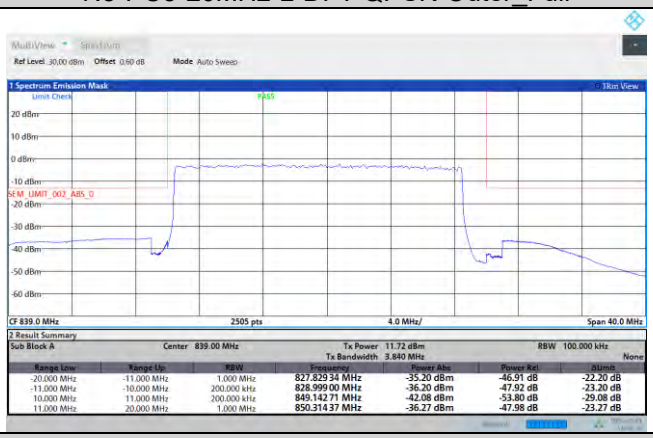
N5-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



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



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

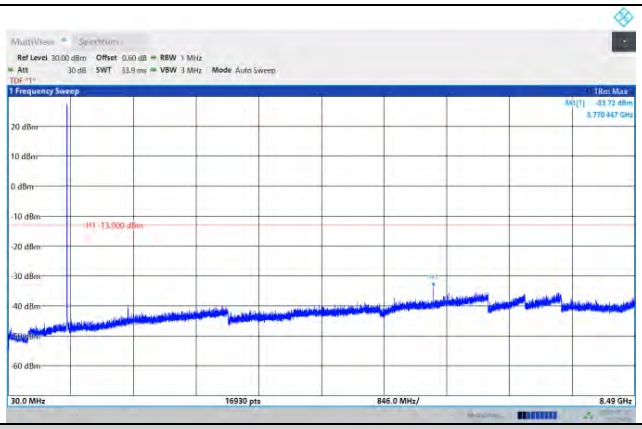


N5-PC3-20MHz-H-DFT-QPSK-Outer_Full

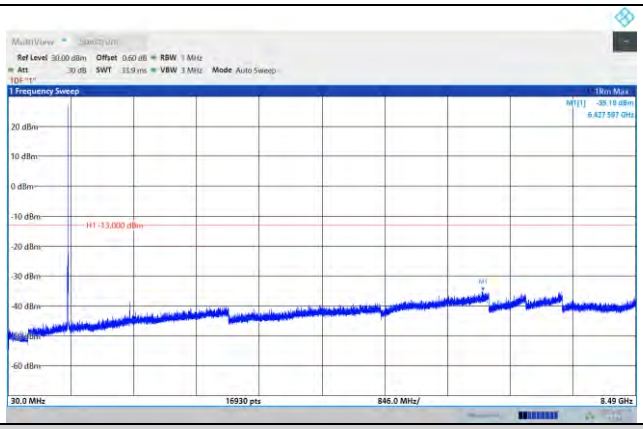
CONDUCTED SPURIOUS EMISSION
TEST RESULT

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

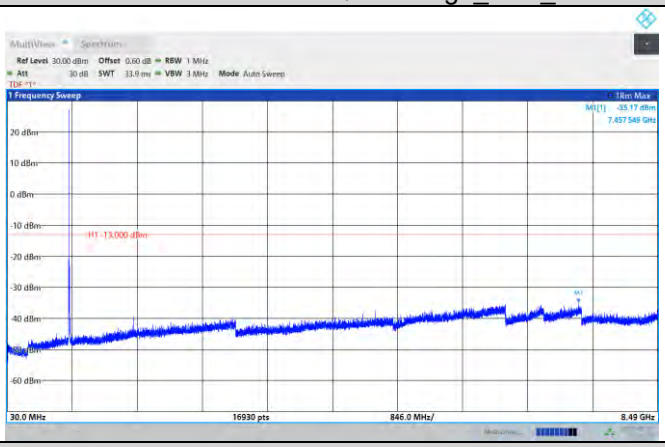
TEST GRAPHS



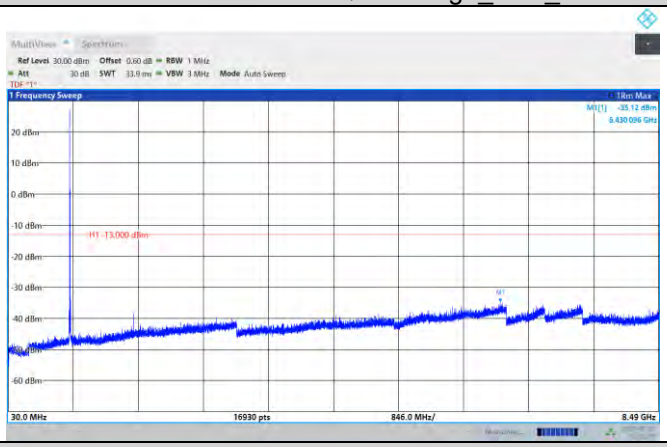
N5-PC3-5MHz-L-DFT-QPSK-Edge_1RB_Left



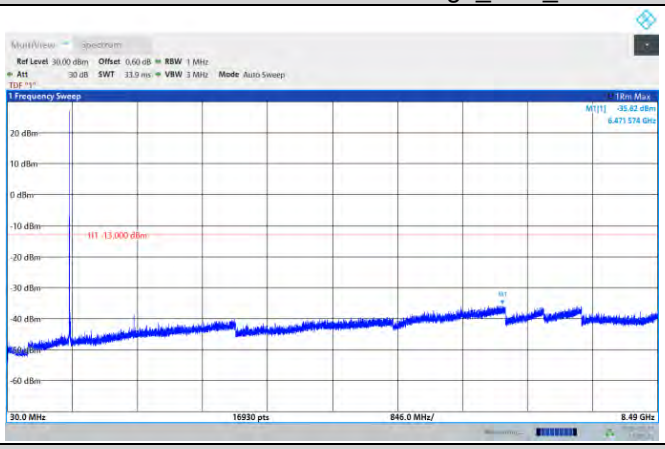
N5-PC3-5MHz-M-DFT-QPSK-Edge_1RB_Left



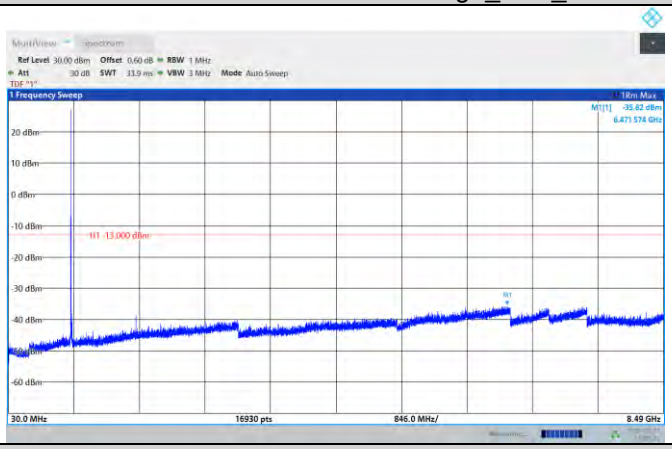
N5-PC3-5MHz-H-DFT-QPSK-Edge_1RB_Left



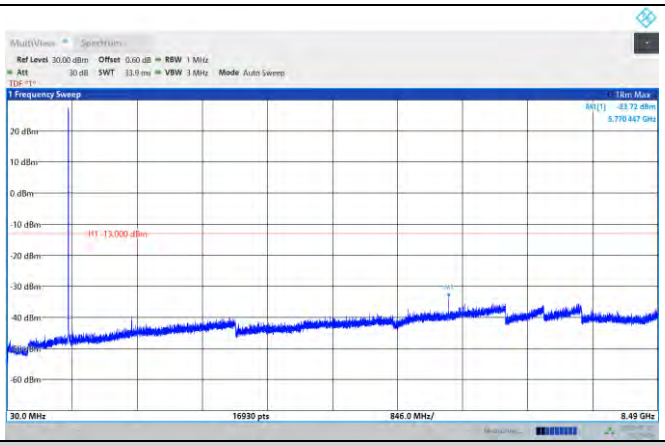
N5-PC3-10MHz-L-DFT-QPSK-Edge_1RB_Left



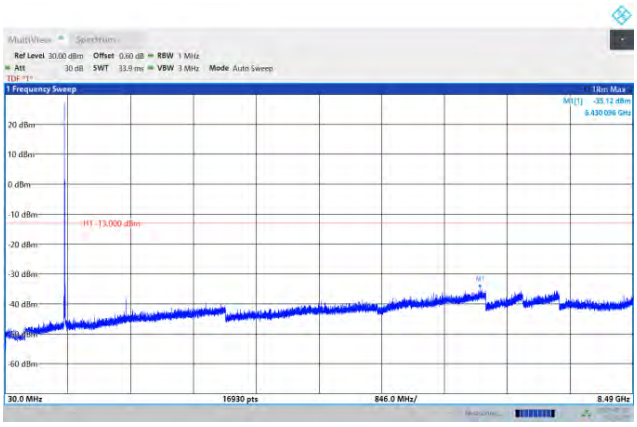
N5-PC3-10MHz-M-DFT-QPSK-Edge_1RB_Left



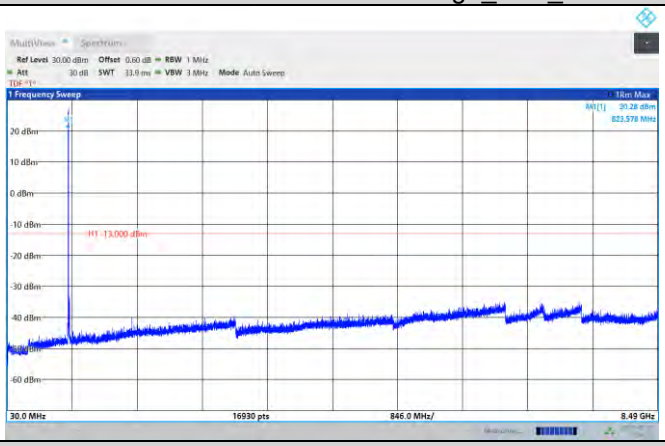
N5-PC3-10MHz-H-DFT-QPSK-Edge_1RB_Left



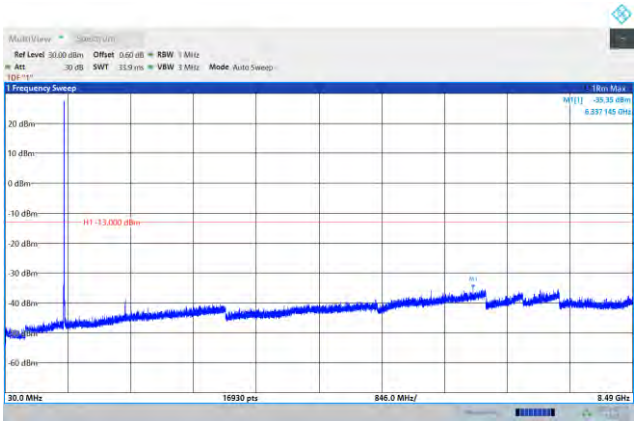
N5-PC3-15MHz-L-DFT-QPSK-Edge_1RB_Left



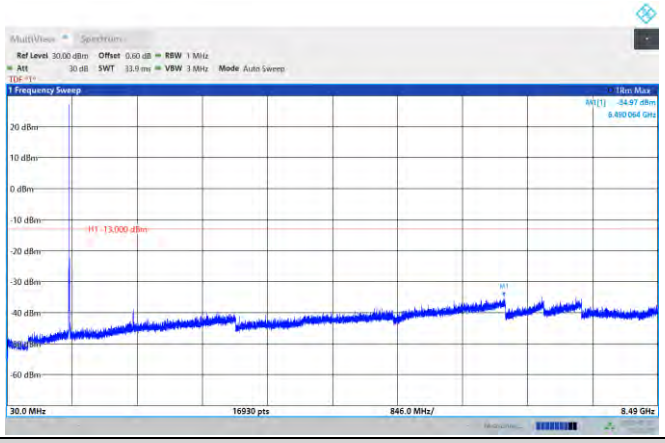
N5-PC3-15MHz-M-DFT-QPSK-Edge_1RB_Left



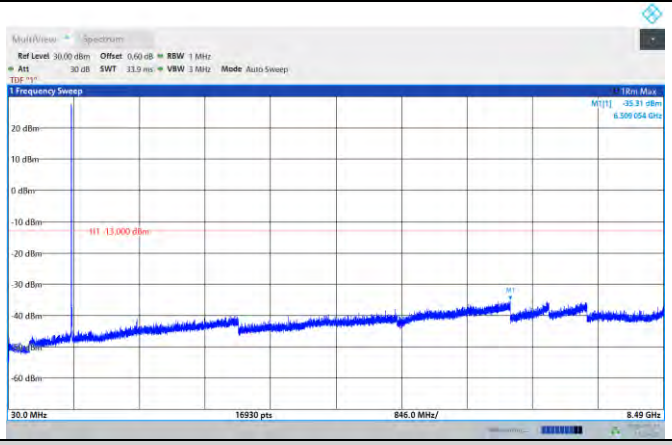
N5-PC3-15MHz-H-DFT-QPSK-Edge_1RB_Left



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

FREQUENCY STABILITY
TEST RESULT

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (℃)	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 (℃)	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

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

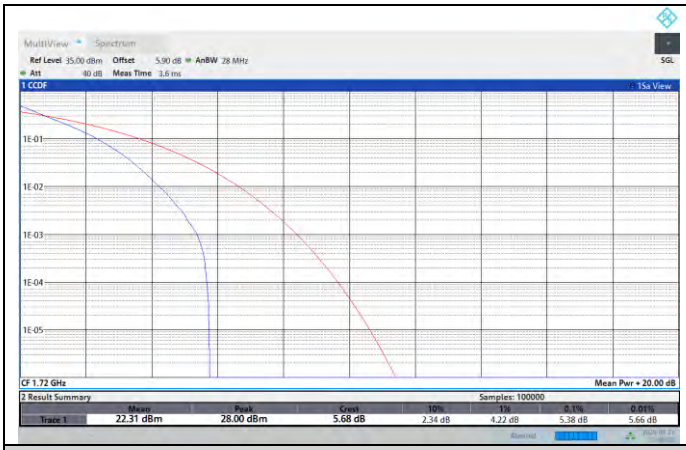
N66

PEAK-TO-AVERAGE RATIO(CCDF)

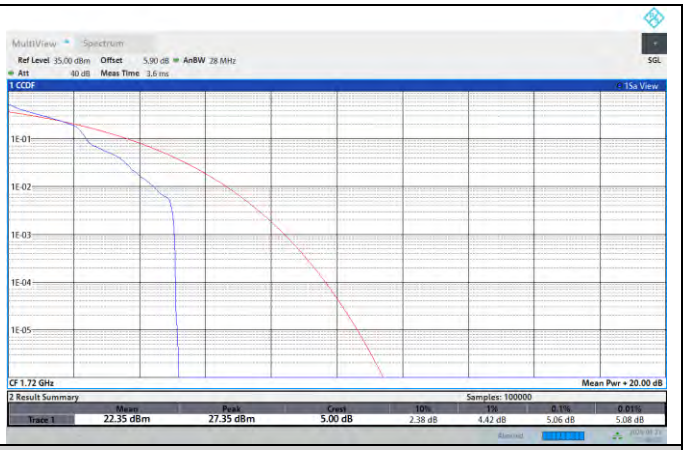
TEST RESULT

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

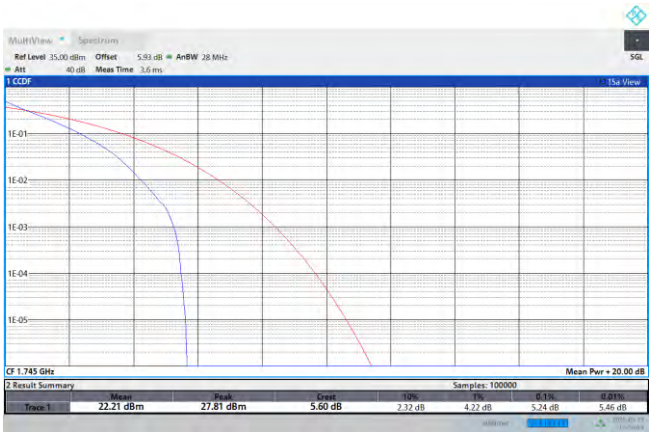
Test Graphs



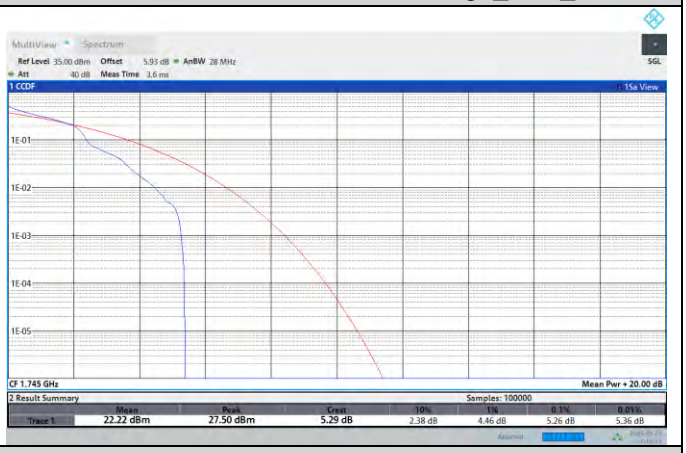
N66-PC3-20MHz-L-DFT-QPSK-Outer_Full



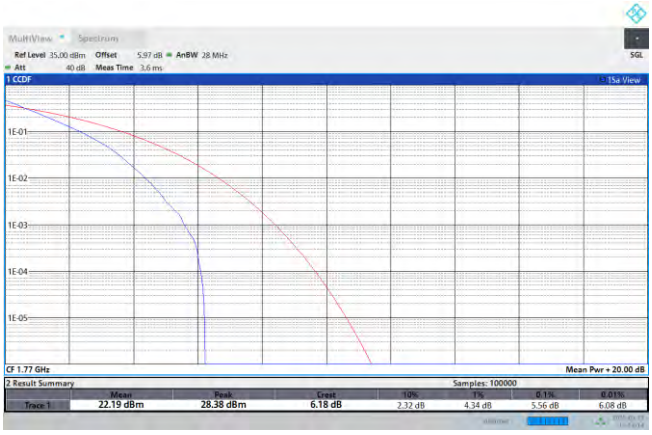
N66-PC3-20MHz-L-DFT-QPSK-Edge_1RB_Left



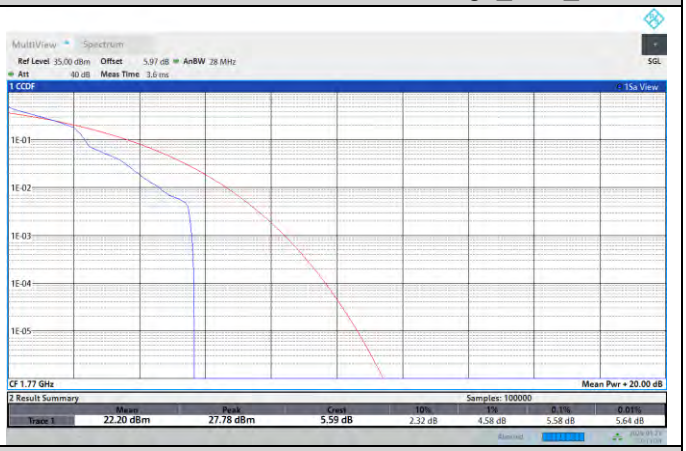
N66-PC3-20MHz-M-DFT-QPSK-Outer_Full



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

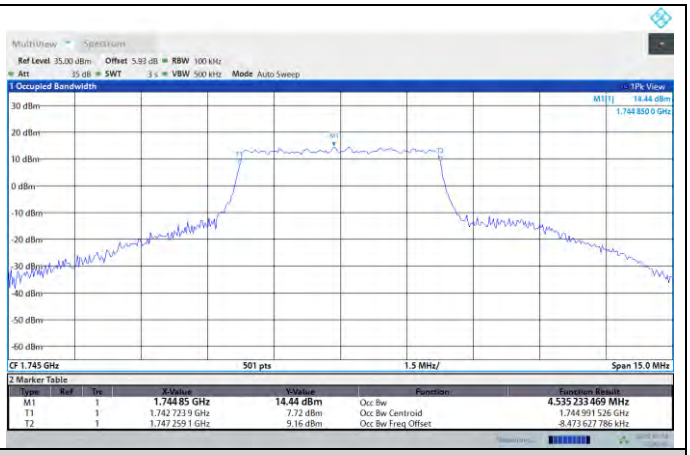
26DB BANDWIDTH AND OCCUPIED BANDWIDTH
TEST RESULT

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

TEST GRAPHS

Occupied Bandwidth

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



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

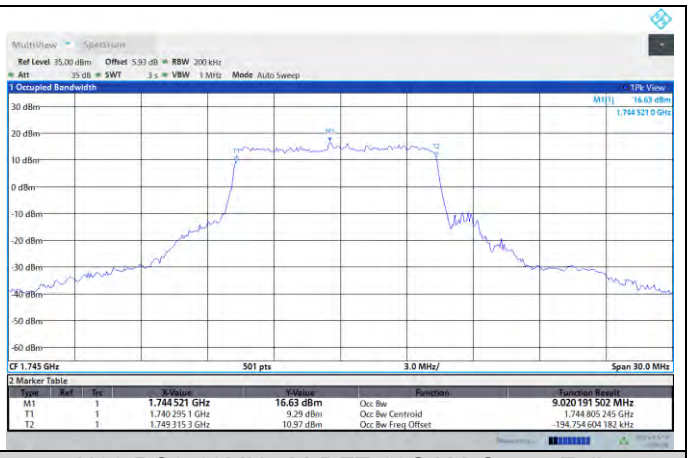
N66-PC3-5MHz-M-DFT-16QAM-Outer_Full

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

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

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

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



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

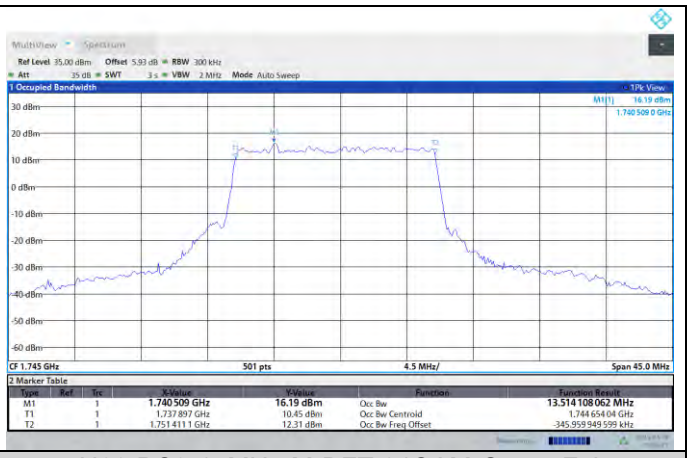
N66-PC3-10MHz-M-DFT-64QAM-Outer_Full

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

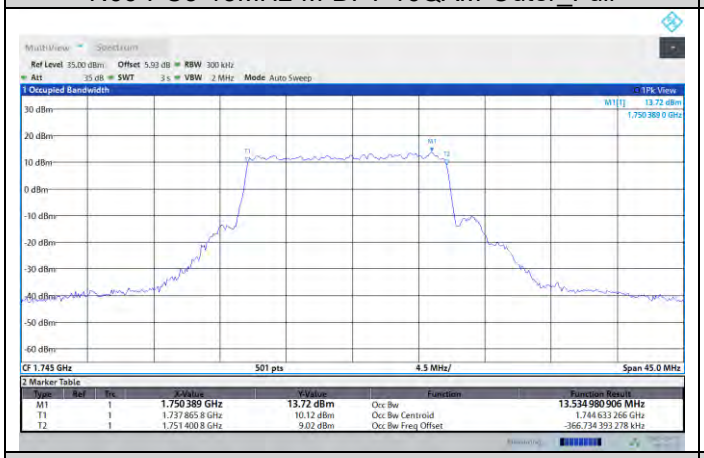
N66-PC3-15MHz-M-DFT-PI2BPSK-Outer_Full

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

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