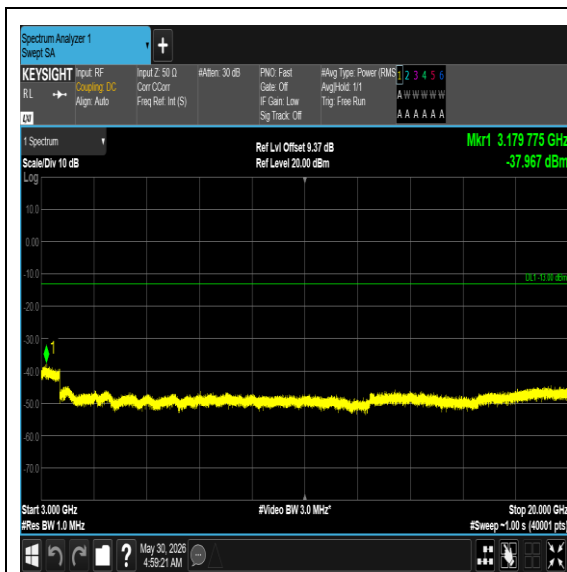
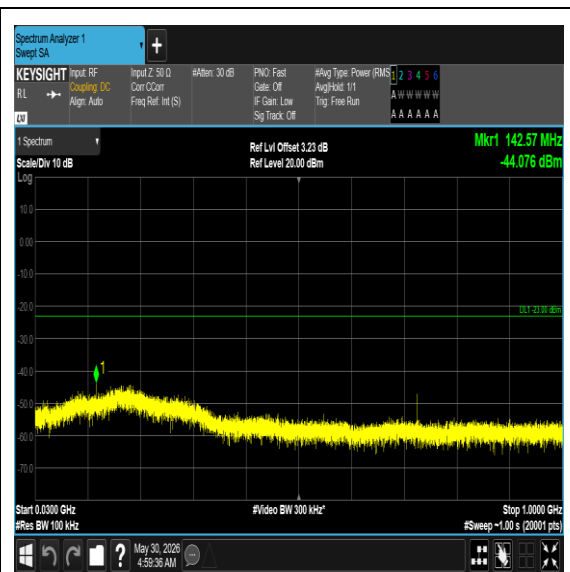
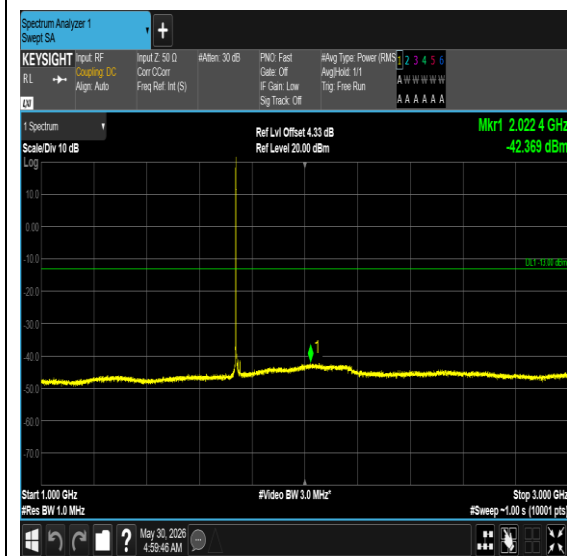




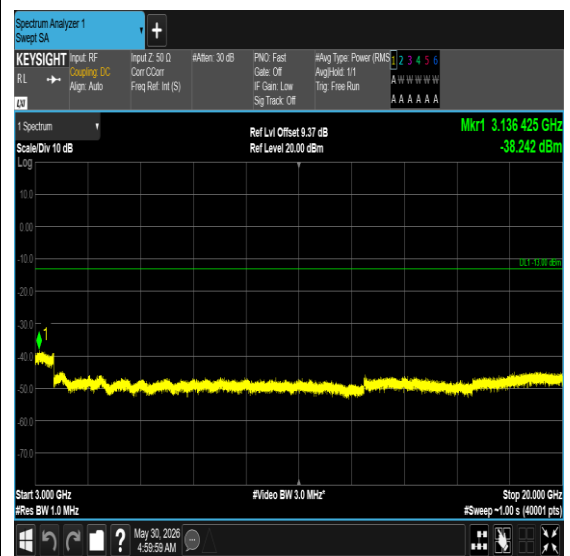
Band66-15MHz-QPSK-132322-1RB#0-1000~3000-
PASS



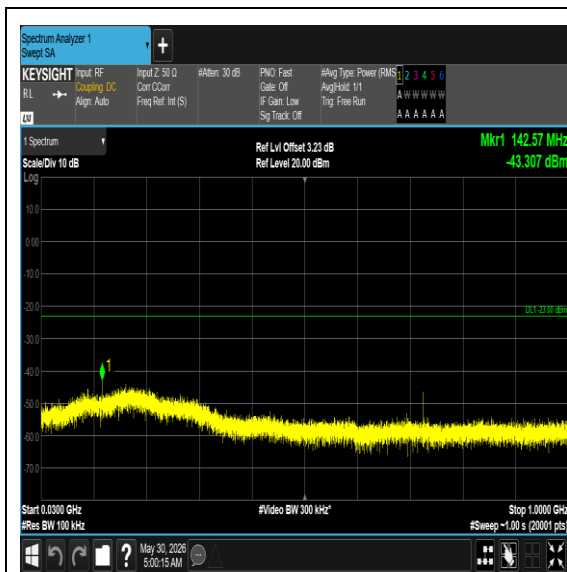
Band66-15MHz-QPSK-132322-1RB#0-
3000~20000-PASS



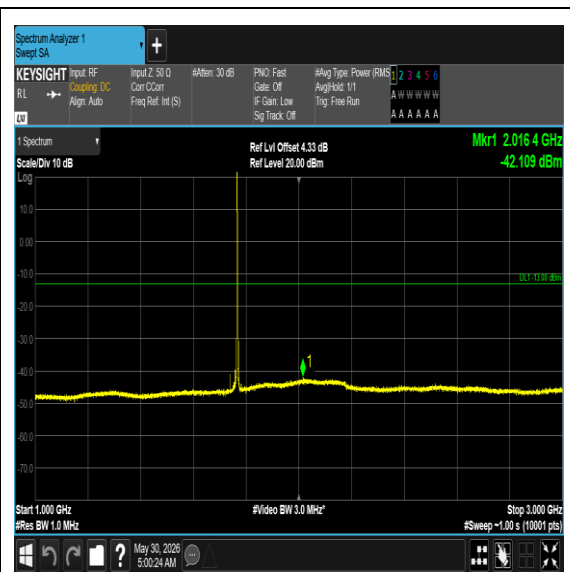
Band66-15MHz-QPSK-132597-1RB#0-30~1000-
PASS



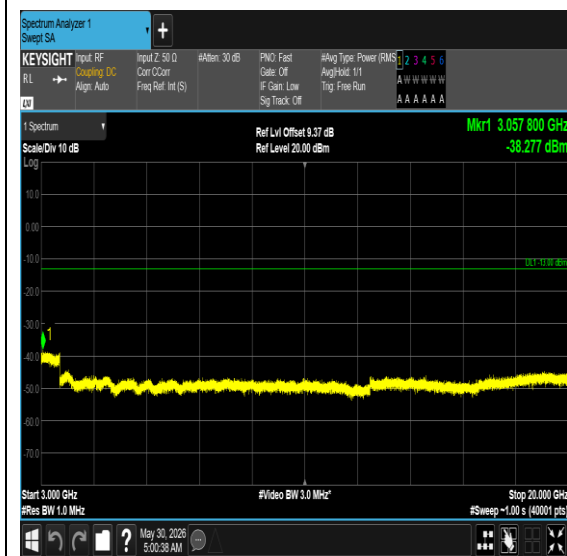
Band66-15MHz-QPSK-132597-1RB#0-1000~3000-
PASS



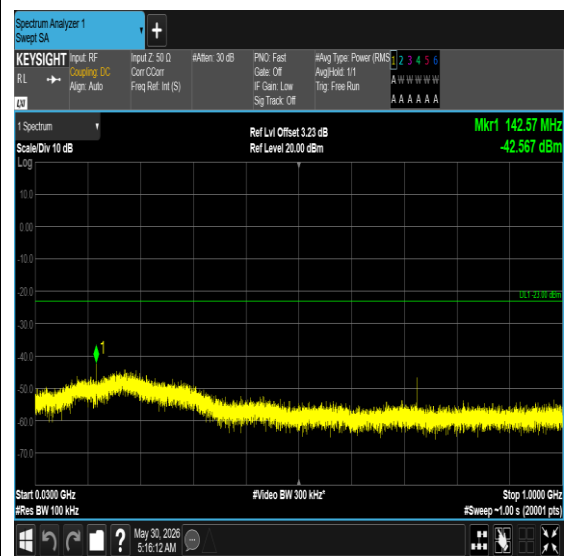
Band66-15MHz-QPSK-132597-1RB#0-
3000~20000-PASS



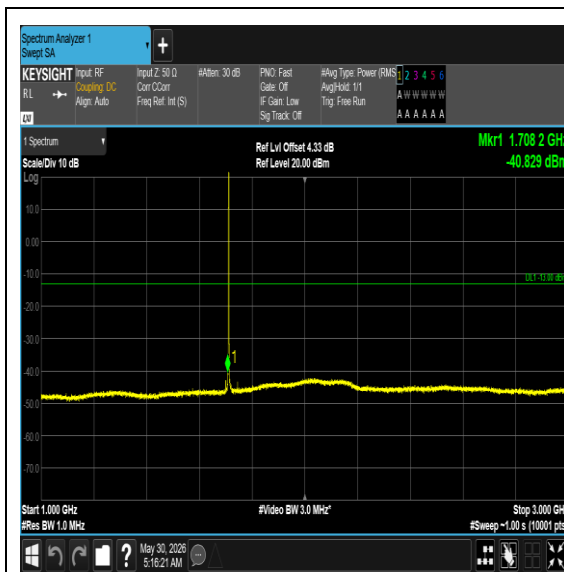
Band66-20MHz-QPSK-132072-1RB#0-30~1000-
PASS



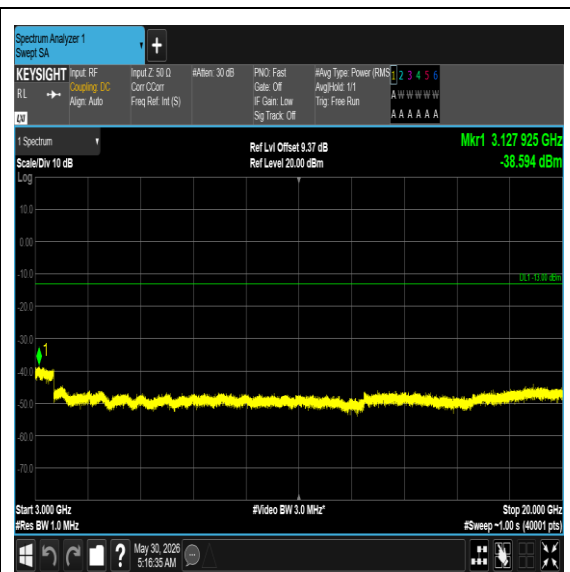
Band66-20MHz-QPSK-132072-1RB#0-1000~3000-
PASS



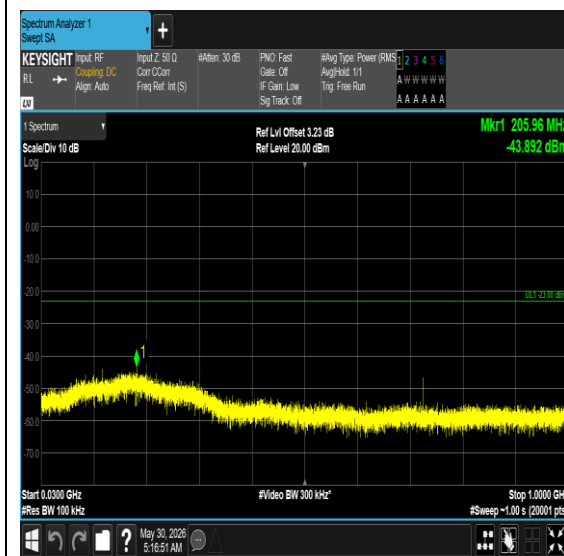
Band66-20MHz-QPSK-132072-1RB#0-
3000~20000-PASS



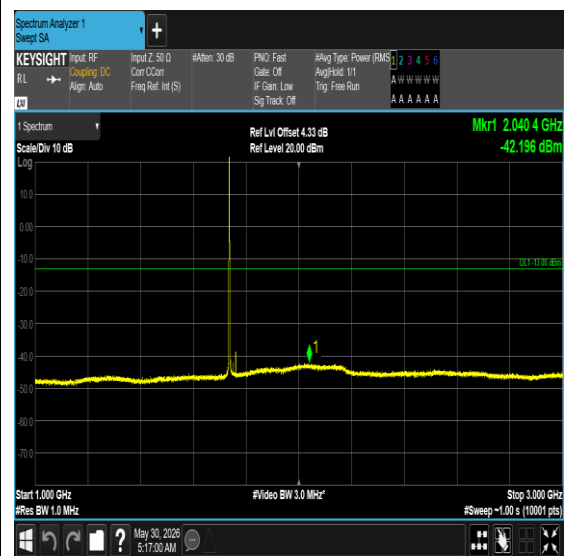
Band66-20MHz-QPSK-132322-1RB#0-30~1000-
PASS



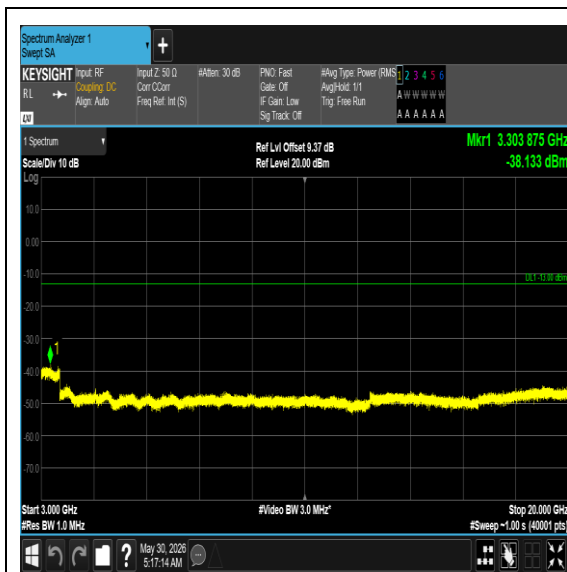
Band66-20MHz-QPSK-132322-1RB#0-1000~3000-
PASS



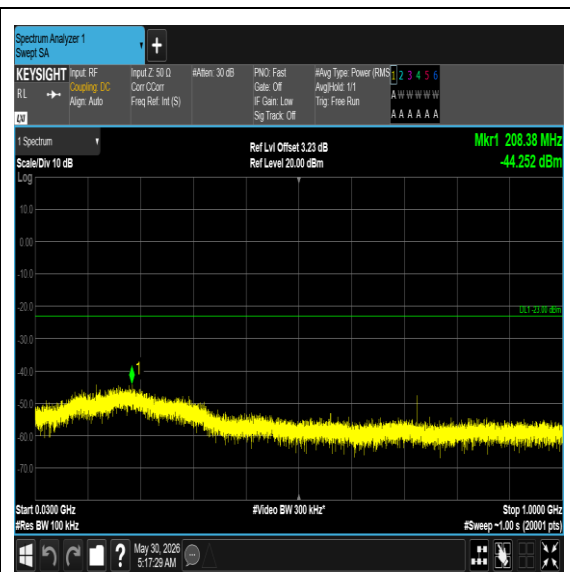
Band66-20MHz-QPSK-132322-1RB#0-
3000~20000-PASS



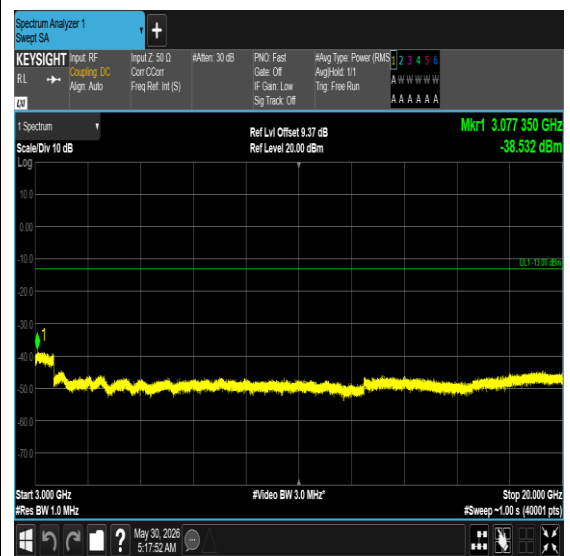
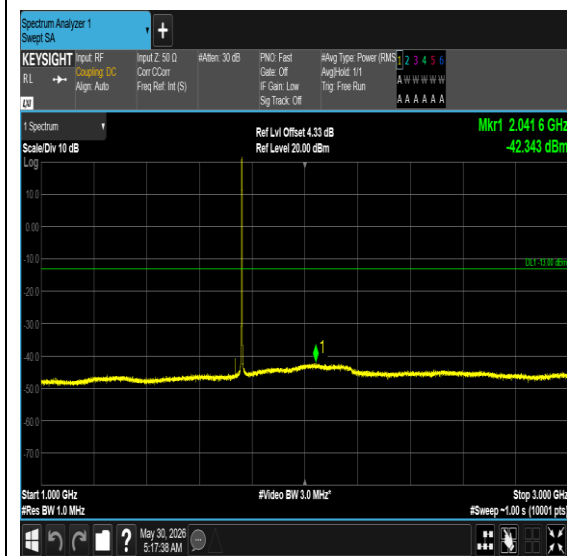
Band66-20MHz-QPSK-132572-1RB#0-30~1000-
PASS



Band66-20MHz-QPSK-132572-1RB#0-1000~3000-
PASS



Band66-20MHz-QPSK-132572-1RB#0-
3000~20000-PASS



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	10MHz	QPSK	132022	50RB#0	VN	NT	3010.81	1.755577	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	VL	NT	1110.56	0.647555	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	VH	NT	2530.70	1.475626	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	VN	NT	-29.84	-0.016809	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	VL	NT	-2579.02	-1.452969	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	VH	NT	-3709.97	-2.090123	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	10MHz	QPSK	132022	50RB#0	NV	-30	980.66	0.571815	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	-20	1170.55	0.682537	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	-10	3240.41	1.889453	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	0	1240.03	0.723051	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	10	2530.16	1.475313	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	20	520.17	0.303308	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	30	1150.01	0.670558	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	40	2690.90	1.569040	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	50	1650.93	0.962642	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	-30	-959.24	-0.540418	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	-20	-729.16	-0.410795	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	-10	3160.47	1.780549	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	0	-109.38	-0.061622	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	10	-2079.39	-1.171485	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	20	-3979.62	-2.242038	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	30	340.56	0.191863	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	40	-3319.95	-1.870394	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	50	-1469.90	-0.828110	±2.5	PASS

FCC-SA N41(INCLUDING N38)

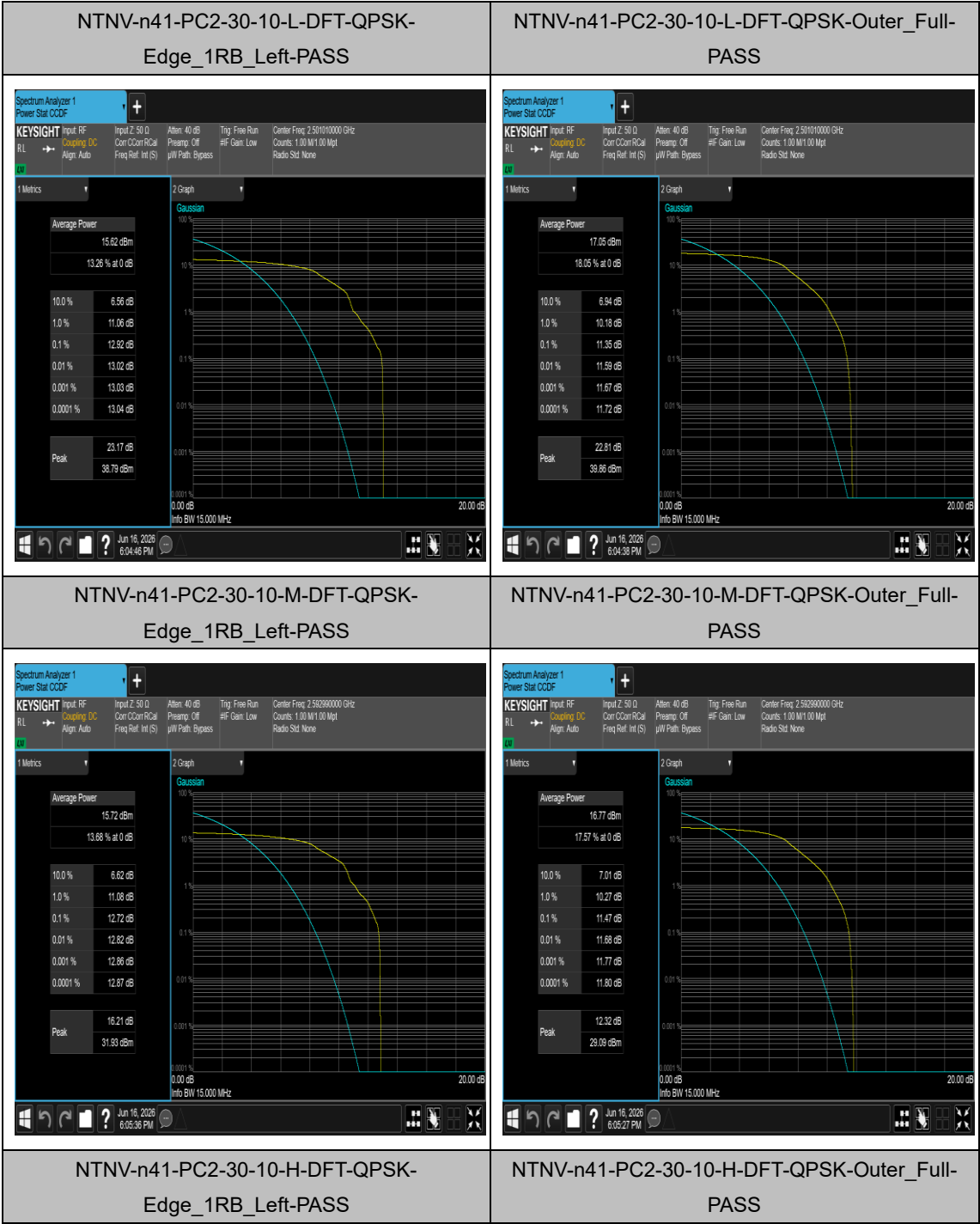
Peak-to-Average Ratio for SA

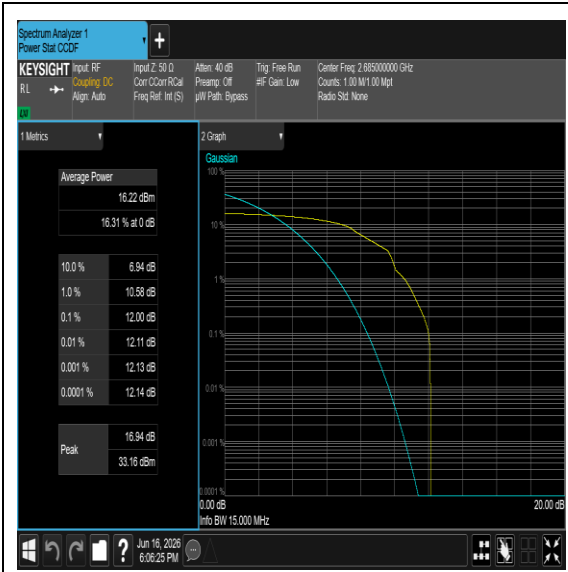
Peak-to-Average Ratio(CCDF)

Test Result

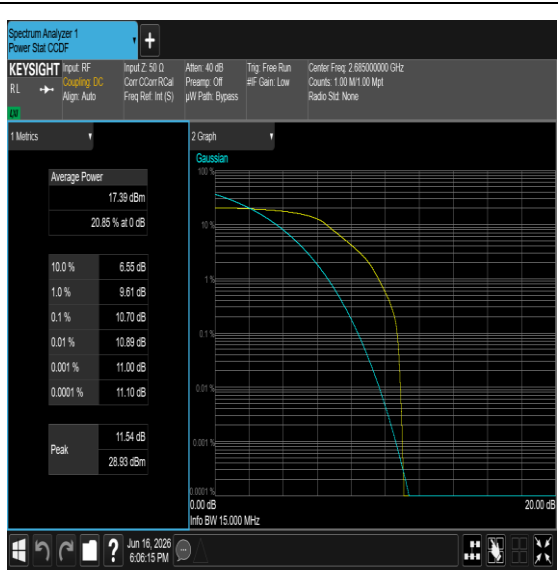
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	12.92	≤13dB	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	11.35	≤13dB	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_Left	12.72	≤13dB	PASS
n41	30	10	DFT-QPSK	M	Outer_Full	11.47	≤13dB	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Left	12	≤13dB	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	10.7	≤13dB	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	12.22	≤13dB	PASS
n41	30	15	DFT-QPSK	L	Outer_Full	11.25	≤13dB	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_Left	10.11	≤13dB	PASS
n41	30	15	DFT-QPSK	M	Outer_Full	10.4	≤13dB	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Left	11.89	≤13dB	PASS
n41	30	15	DFT-QPSK	H	Outer_Full	10.35	≤13dB	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	12.19	≤13dB	PASS
n41	30	20	DFT-QPSK	L	Outer_Full	11.16	≤13dB	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_Left	12.78	≤13dB	PASS
n41	30	20	DFT-QPSK	M	Outer_Full	10.88	≤13dB	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Left	11.57	≤13dB	PASS
n41	30	20	DFT-QPSK	H	Outer_Full	10.99	≤13dB	PASS

Test Graphs

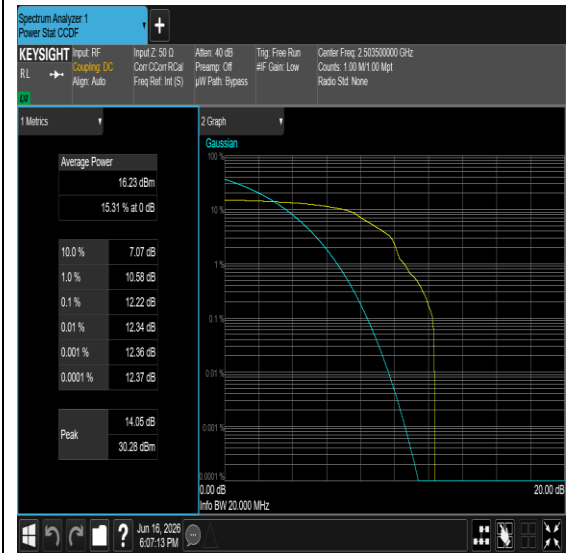




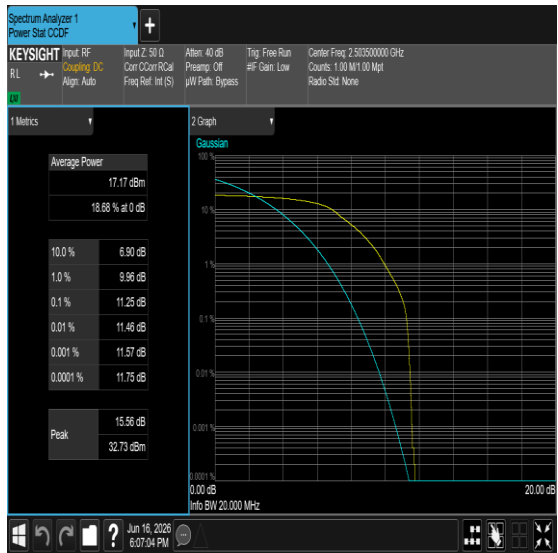
NTNV-n41-PC2-30-15-L-DFT-QPSK-
Edge_1RB_Left-PASS



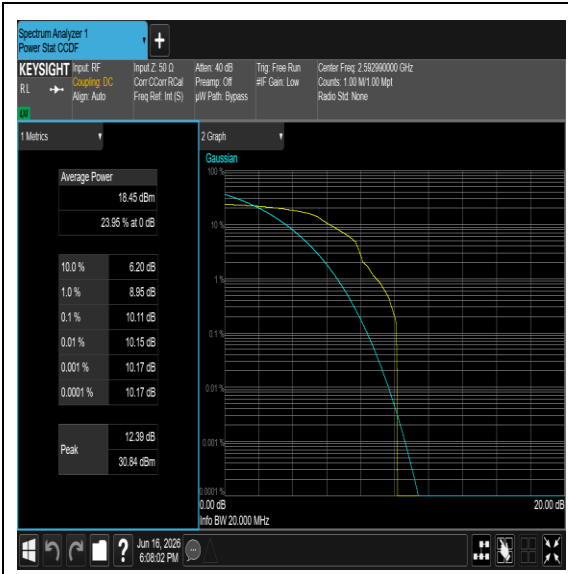
NTNV-n41-PC2-30-15-L-DFT-QPSK-Outer_Full-
PASS



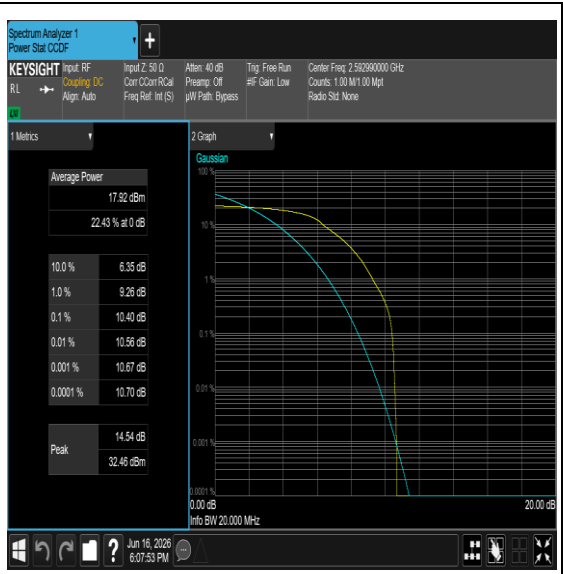
NTNV-n41-PC2-30-15-M-DFT-QPSK-
Edge_1RB_Left-PASS



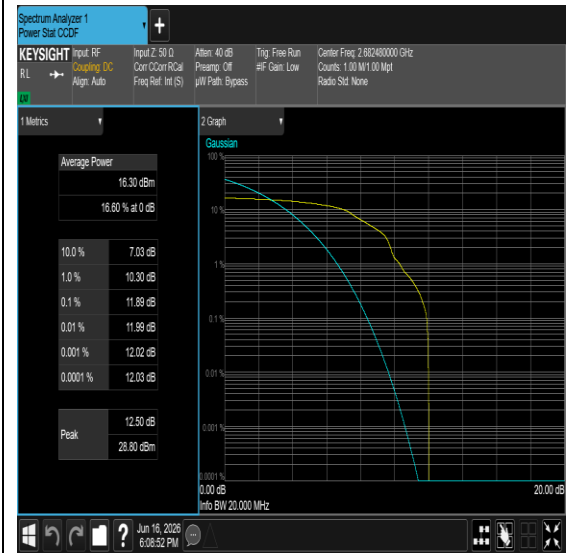
NTNV-n41-PC2-30-15-M-DFT-QPSK-Outer_Full-
PASS



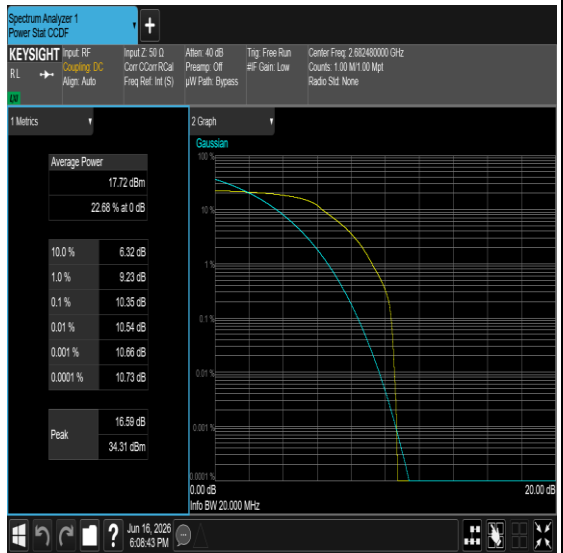
NTNV-n41-PC2-30-15-H-DFT-QPSK-
Edge_1RB_Left-PASS



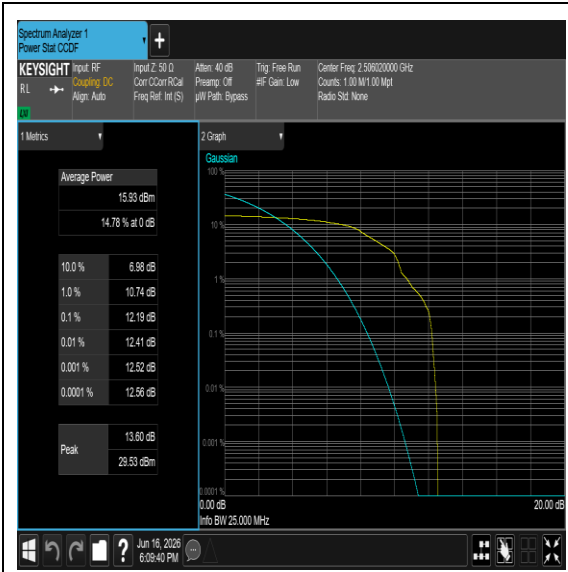
NTNV-n41-PC2-30-15-H-DFT-QPSK-Outer_Full-
PASS



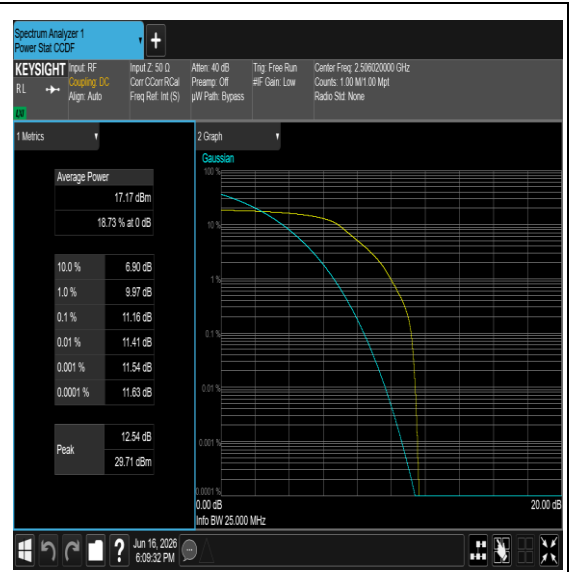
NTNV-n41-PC2-30-20-L-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-n41-PC2-30-20-L-DFT-QPSK-Outer_Full-
PASS



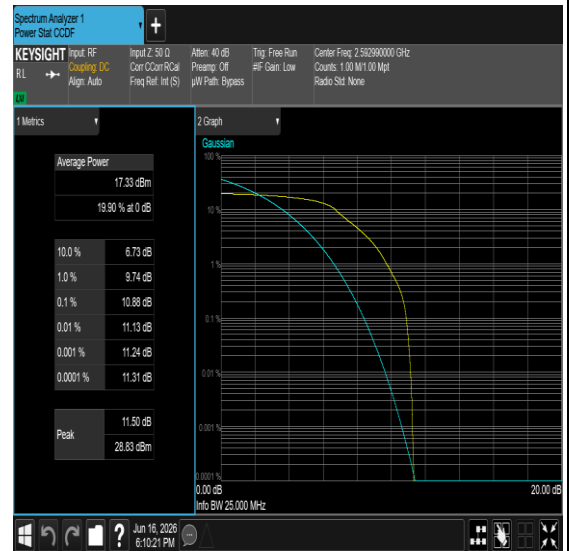
NTNV-n41-PC2-30-20-M-DFT-QPSK-
Edge_1RB_Left-PASS



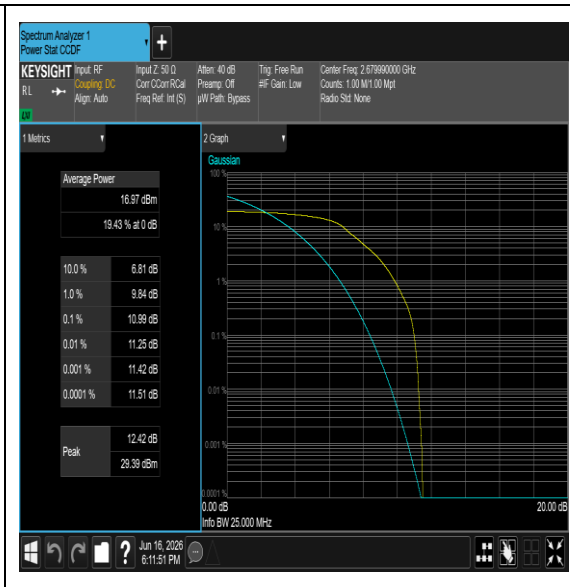
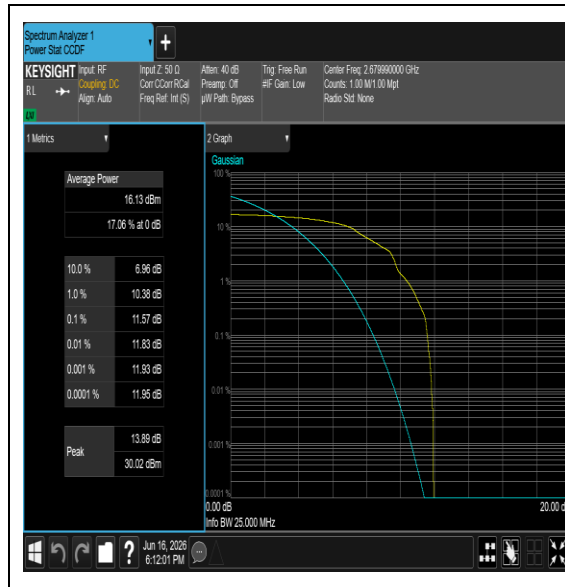
NTNV-n41-PC2-30-20-M-DFT-QPSK-Outer_Full-
PASS



NTNV-n41-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Left-PASS



NTNV-n41-PC2-30-20-H-DFT-QPSK-Outer_Full-
PASS

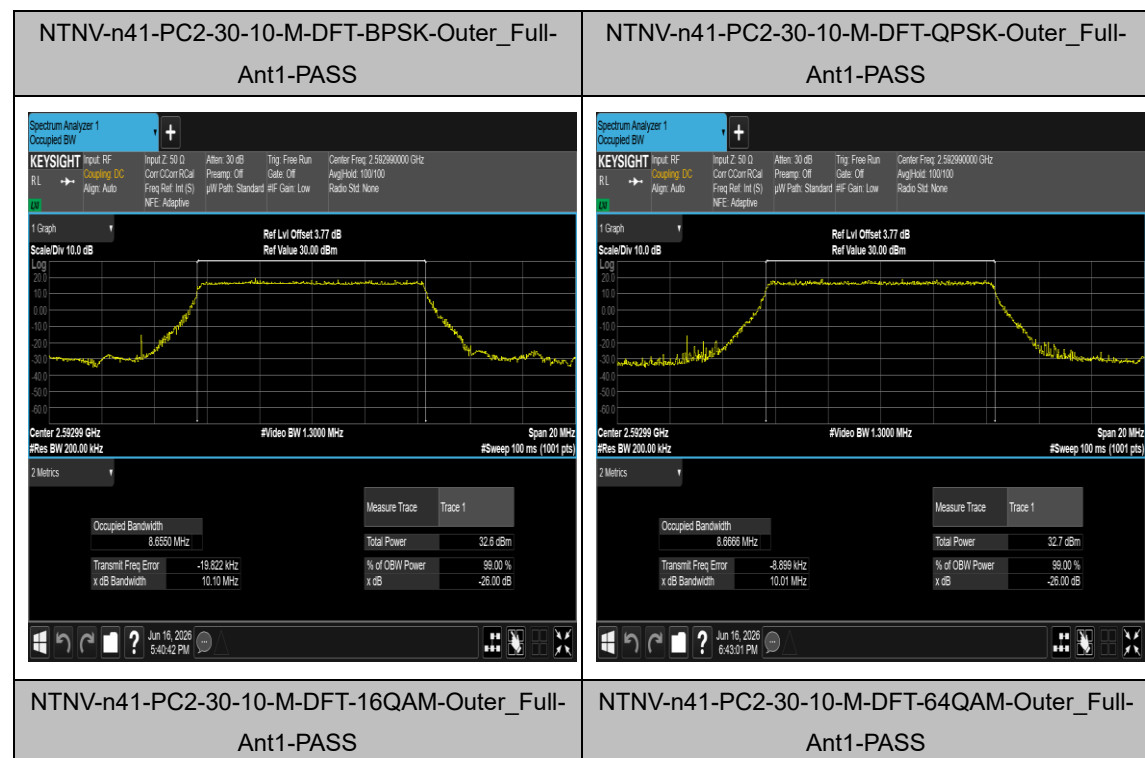


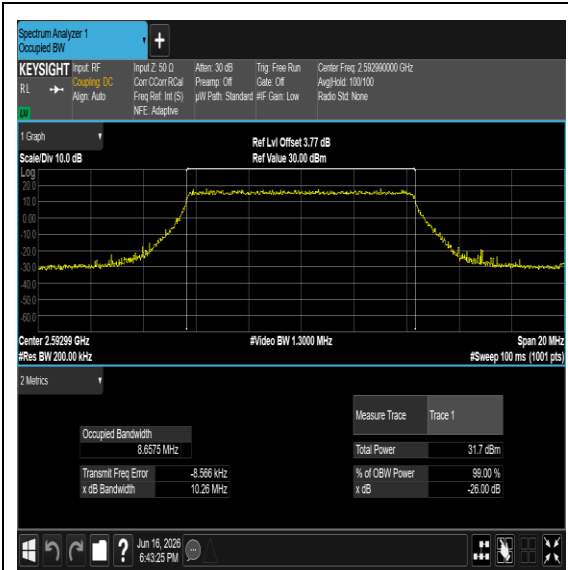
26dB Bandwidth and Occupied Bandwidth for SA

Test Result

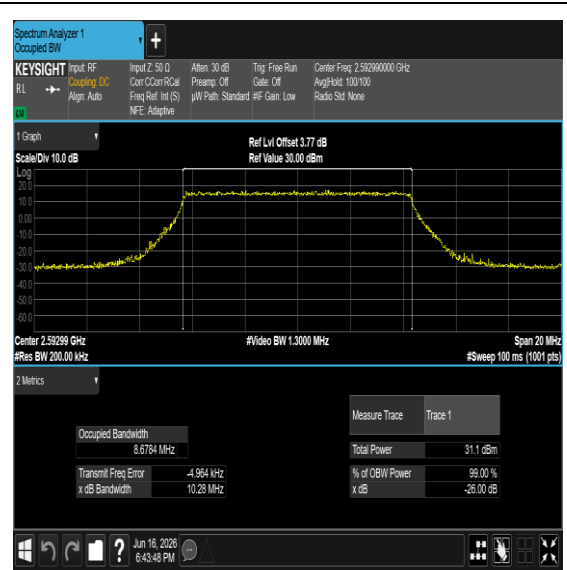
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
n41	30	10	DFT-BPSK	M	Outer_Full	8.6550	10.10	PASS
n41	30	10	DFT-QPSK	M	Outer_Full	8.6666	10.01	PASS
n41	30	10	DFT-16QAM	M	Outer_Full	8.6575	10.26	PASS
n41	30	10	DFT-64QAM	M	Outer_Full	8.6784	10.28	PASS
n41	30	10	DFT-256QAM	M	Outer_Full	8.6628	10.20	PASS
n41	30	15	DFT-BPSK	M	Outer_Full	12.938	14.37	PASS
n41	30	15	DFT-QPSK	M	Outer_Full	12.941	14.59	PASS
n41	30	15	DFT-16QAM	M	Outer_Full	12.928	14.48	PASS
n41	30	15	DFT-64QAM	M	Outer_Full	12.942	14.52	PASS
n41	30	15	DFT-256QAM	M	Outer_Full	12.946	14.56	PASS
n41	30	20	DFT-BPSK	M	Outer_Full	17.911	19.56	PASS
n41	30	20	DFT-QPSK	M	Outer_Full	17.936	19.67	PASS
n41	30	20	DFT-16QAM	M	Outer_Full	17.917	19.57	PASS
n41	30	20	DFT-64QAM	M	Outer_Full	17.899	19.54	PASS
n41	30	20	DFT-256QAM	M	Outer_Full	17.892	19.85	PASS

Test Graphs

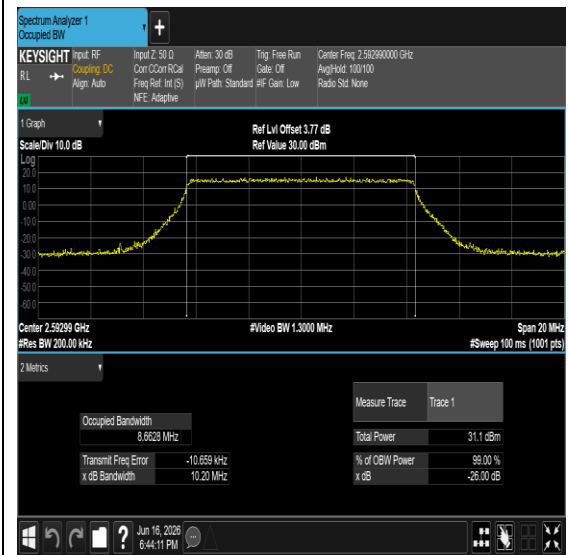




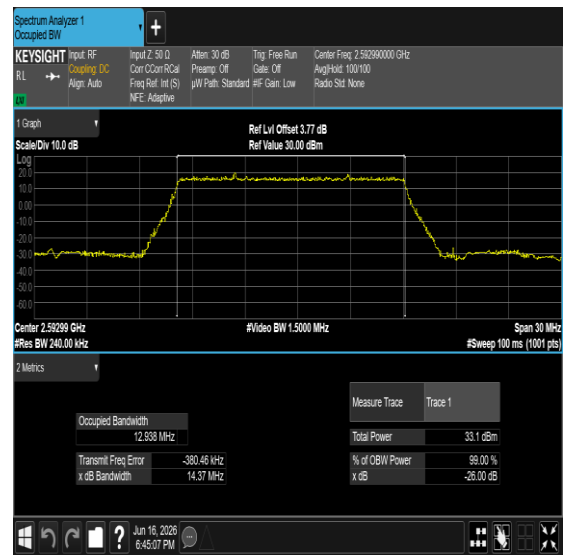
NTNV-n41-PC2-30-10-M-DFT-256QAM-
Outer_Full-Ant1-PASS



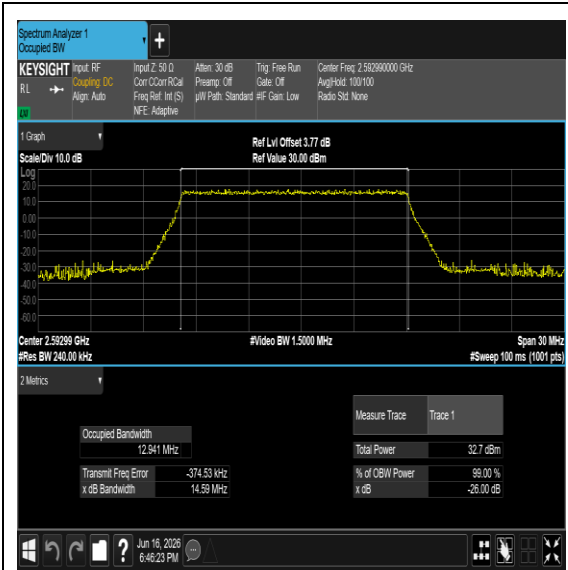
NTNV-n41-PC2-30-15-M-DFT-BPSK-Outer_Full-
Ant1-PASS



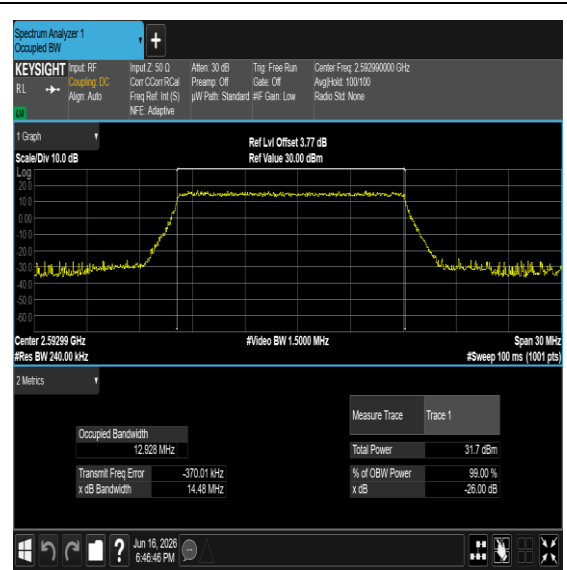
NTNV-n41-PC2-30-15-M-DFT-QPSK-Outer_Full-
Ant1-PASS



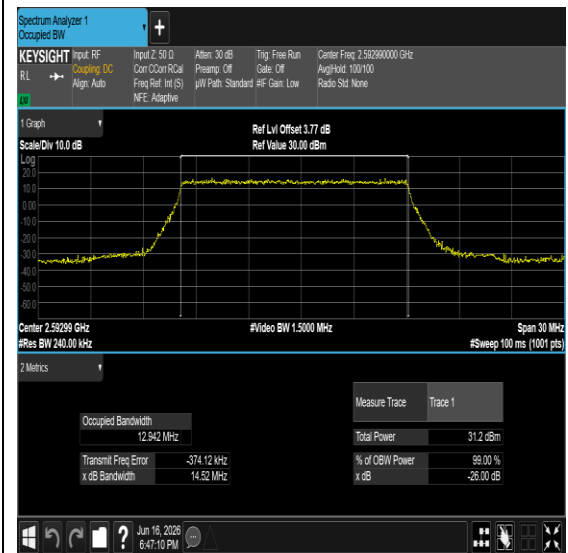
NTNV-n41-PC2-30-15-M-DFT-16QAM-Outer_Full-
Ant1-PASS



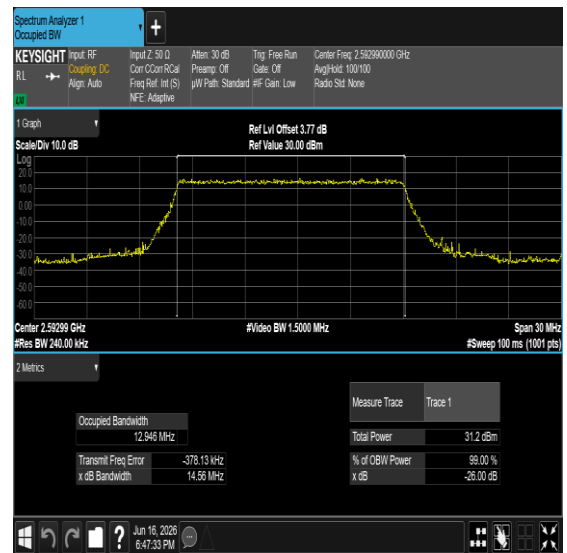
NTNV-n41-PC2-30-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



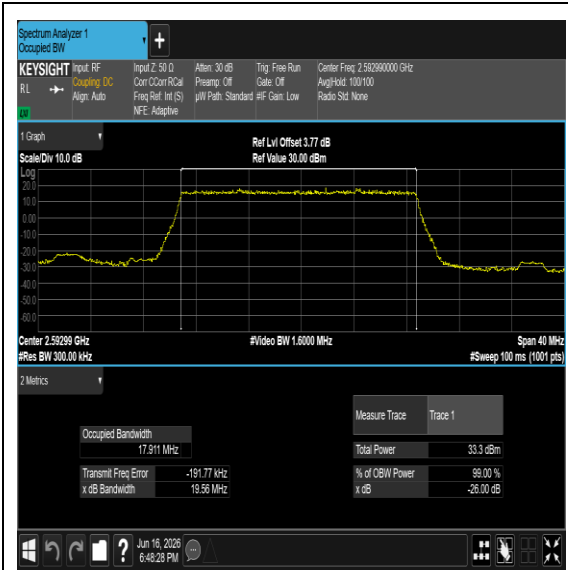
NTNV-n41-PC2-30-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



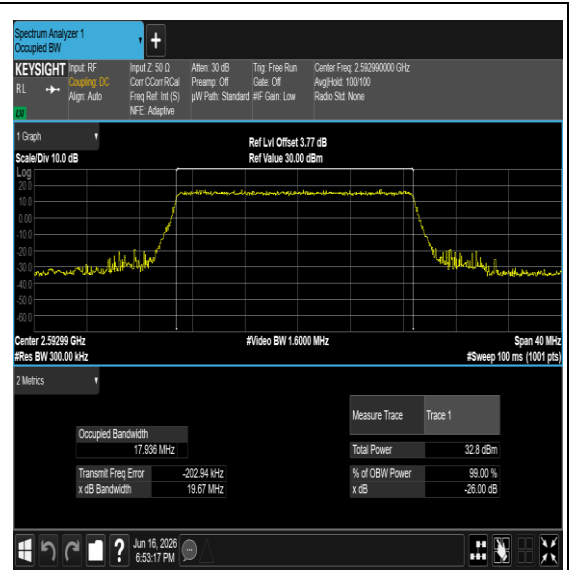
NTNV-n41-PC2-30-20-M-DFT-BPSK-Outer_Full-Ant1-PASS



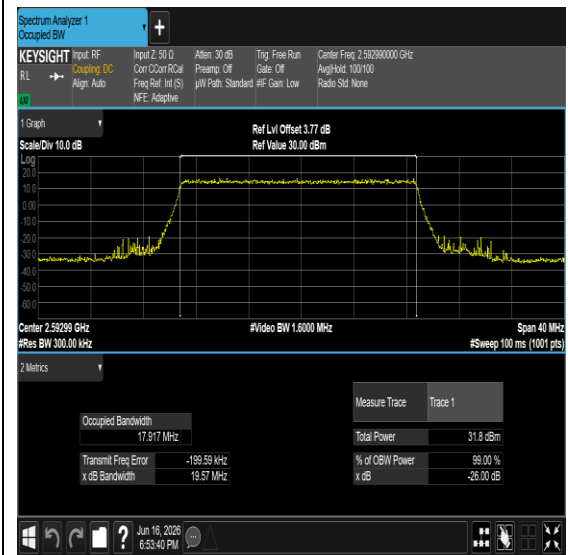
NTNV-n41-PC2-30-20-M-DFT-QPSK-Outer_Full-Ant1-PASS



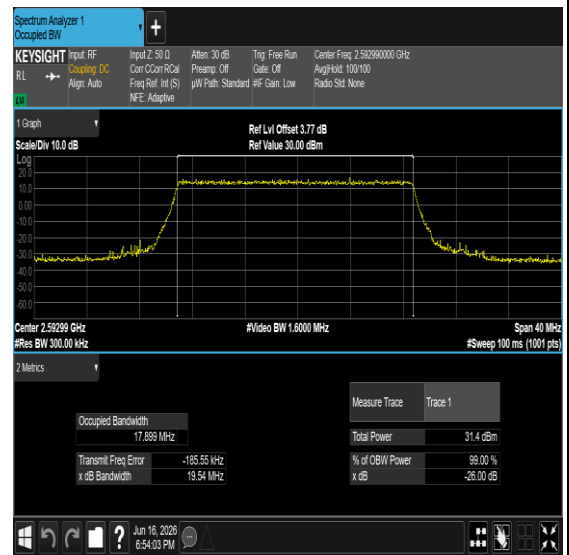
NTNV-n41-PC2-30-20-M-DFT-16QAM-Outer_Full-Ant1-PASS

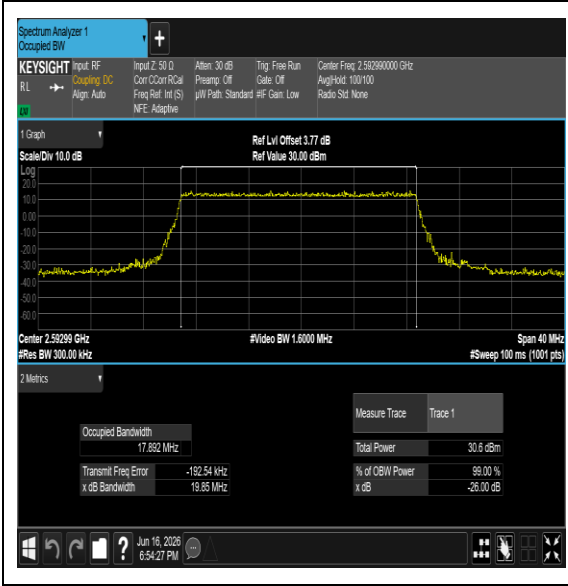


NTNV-n41-PC2-30-20-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-n41-PC2-30-20-M-DFT-256QAM-Outer_Full-Ant1-PASS



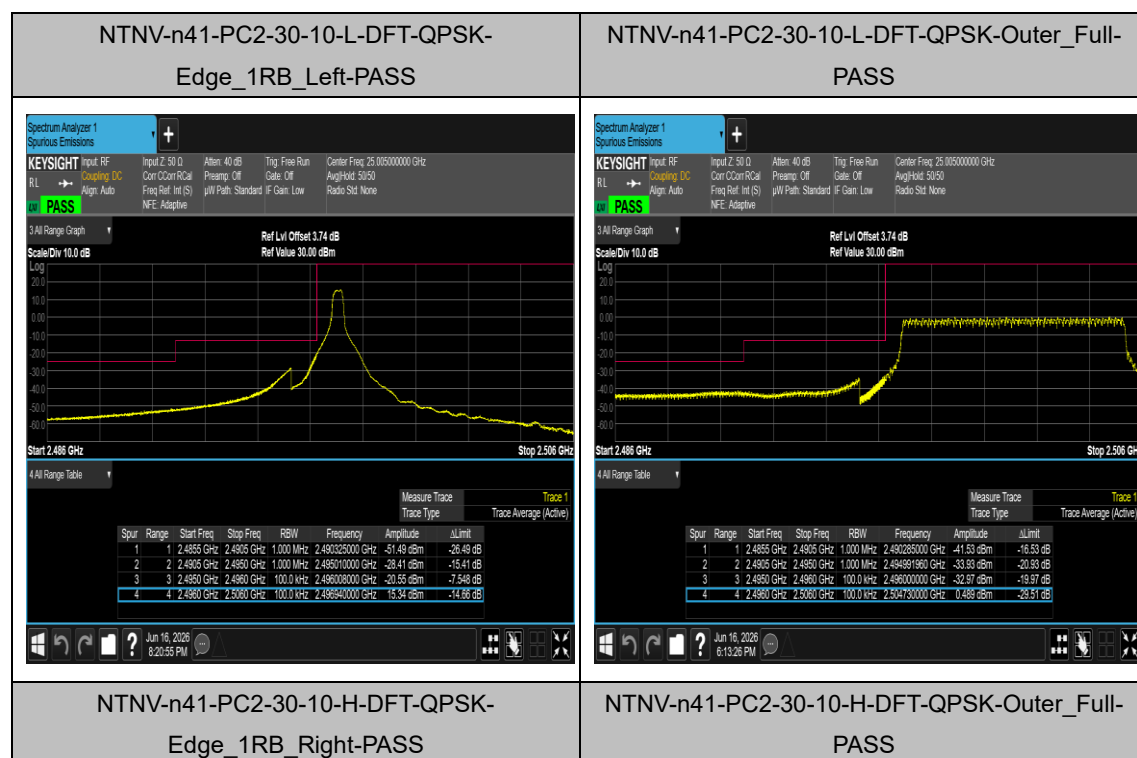


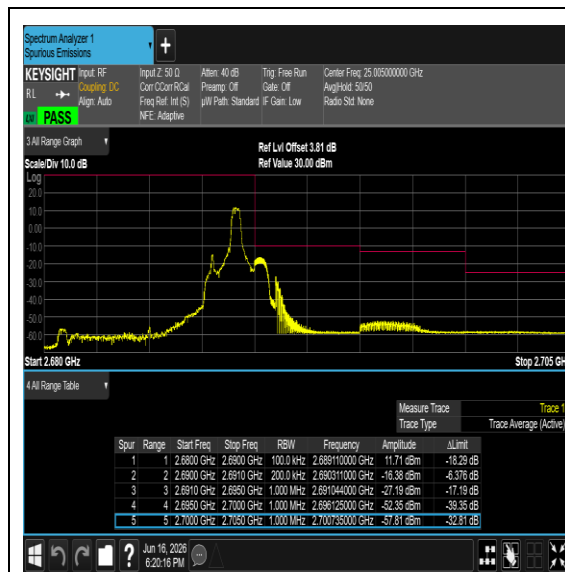
Band Edge for SA

Test Result

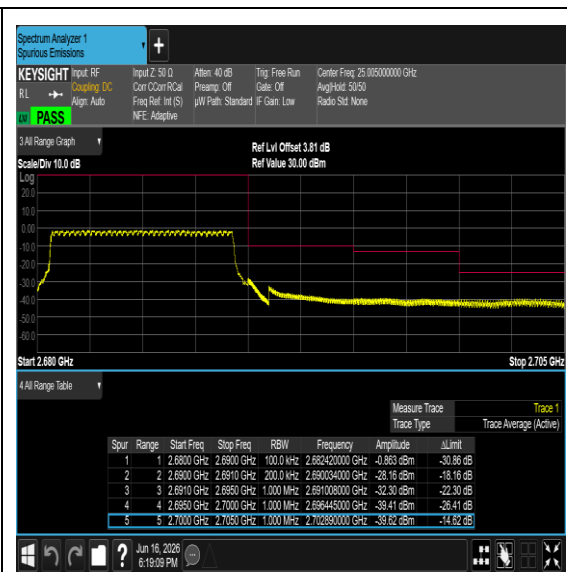
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dBm)	Verdict
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	-20.55	PASS
n41	30	10	DFT-QPSK	L	Outer_Full	-41.53	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Right	-16.38	PASS
n41	30	10	DFT-QPSK	H	Outer_Full	-39.62	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	-21.80	PASS
n41	30	15	DFT-QPSK	L	Outer_Full	-32.99	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Right	-14.66	PASS
n41	30	15	DFT-QPSK	H	Outer_Full	-47.93	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	-24.63	PASS
n41	30	20	DFT-QPSK	L	Outer_Full	-42.51	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Right	-13.81	PASS
n41	30	20	DFT-QPSK	H	Outer_Full	-47.36	PASS

Test Graphs

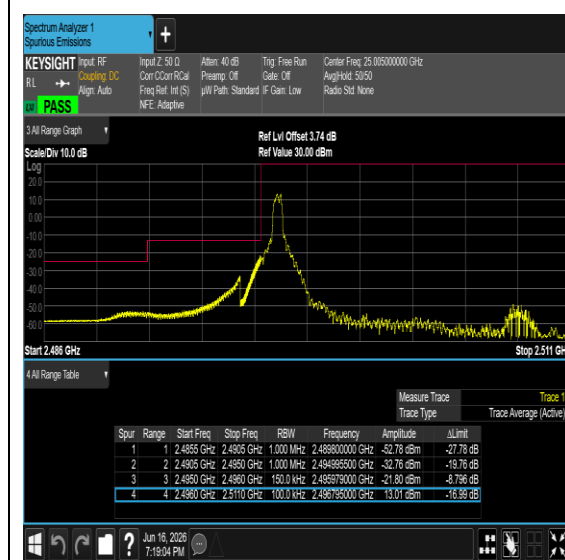




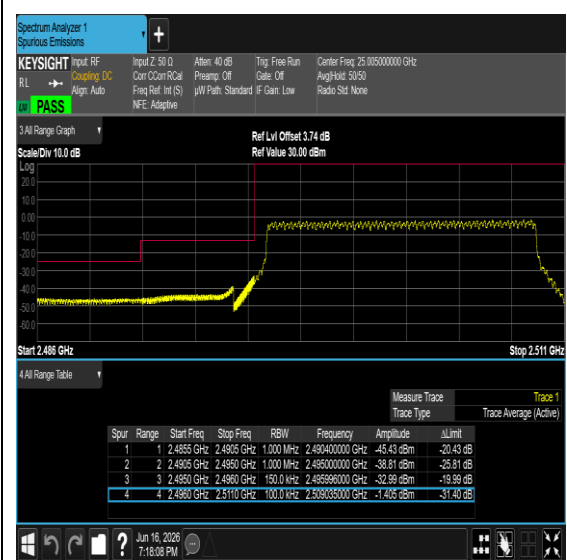
NTNV-n41-PC2-30-15-L-DFT-QPSK-
Edge_1RB_Left-PASS



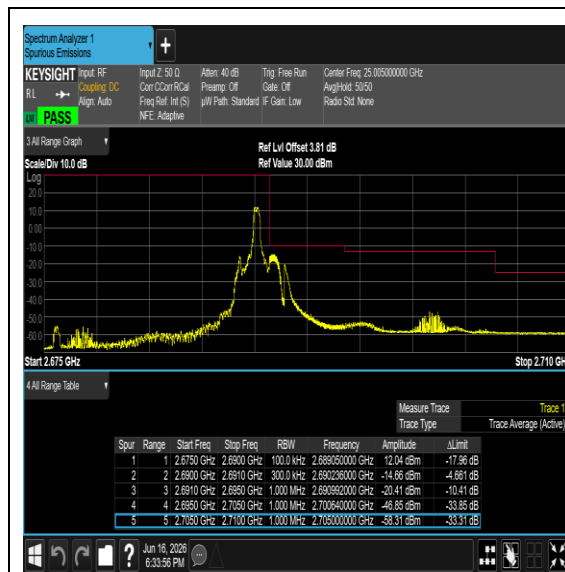
NTNV-n41-PC2-30-15-L-DFT-QPSK-Outer_Full-
PASS



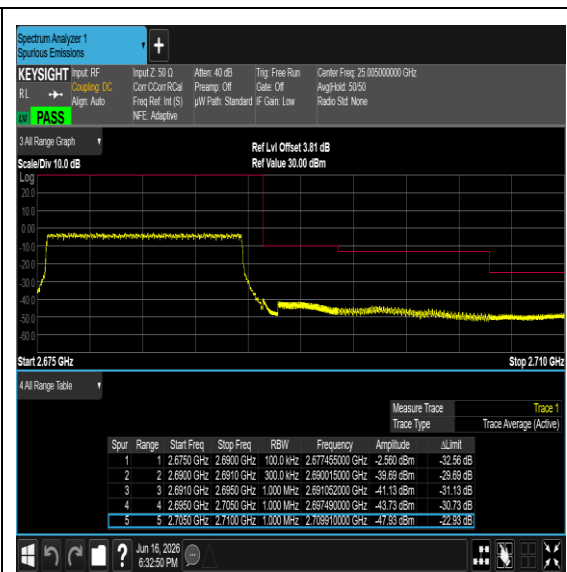
NTNV-n41-PC2-30-15-H-DFT-QPSK-
Edge_1RB_Right-PASS



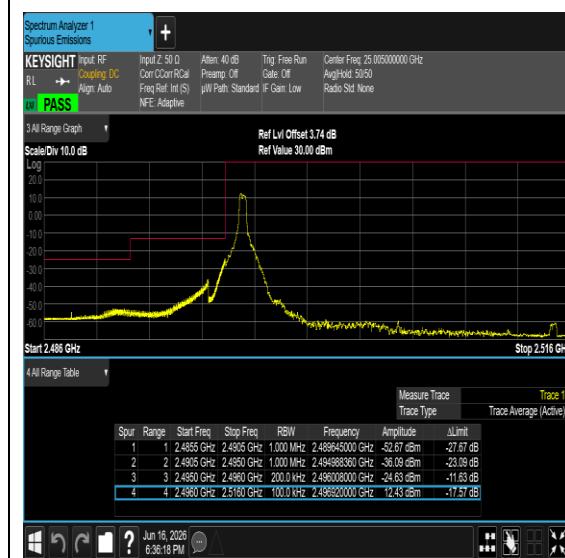
NTNV-n41-PC2-30-15-H-DFT-QPSK-Outer_Full-
PASS



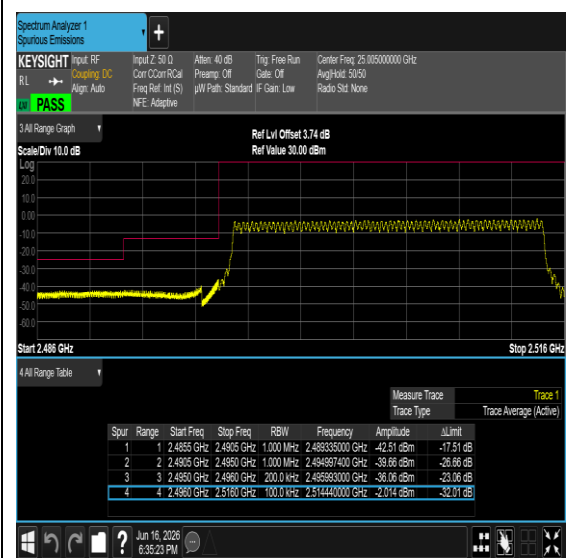
NTNV-n41-PC2-30-20-L-DFT-QPSK-
Edge_1RB_Left-PASS



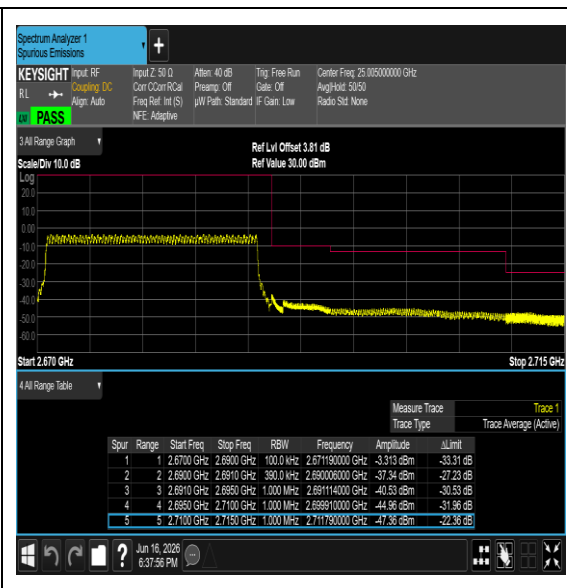
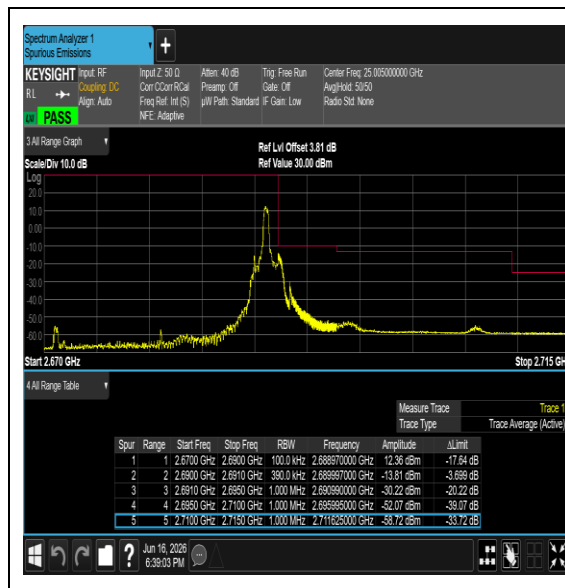
NTNV-n41-PC2-30-20-L-DFT-QPSK-Outer_Full-
PASS



NTNV-n41-PC2-30-20-H-DFT-QPSK-
Edge_1RB_Right-PASS



NTNV-n41-PC2-30-20-H-DFT-QPSK-Outer_Full-
PASS

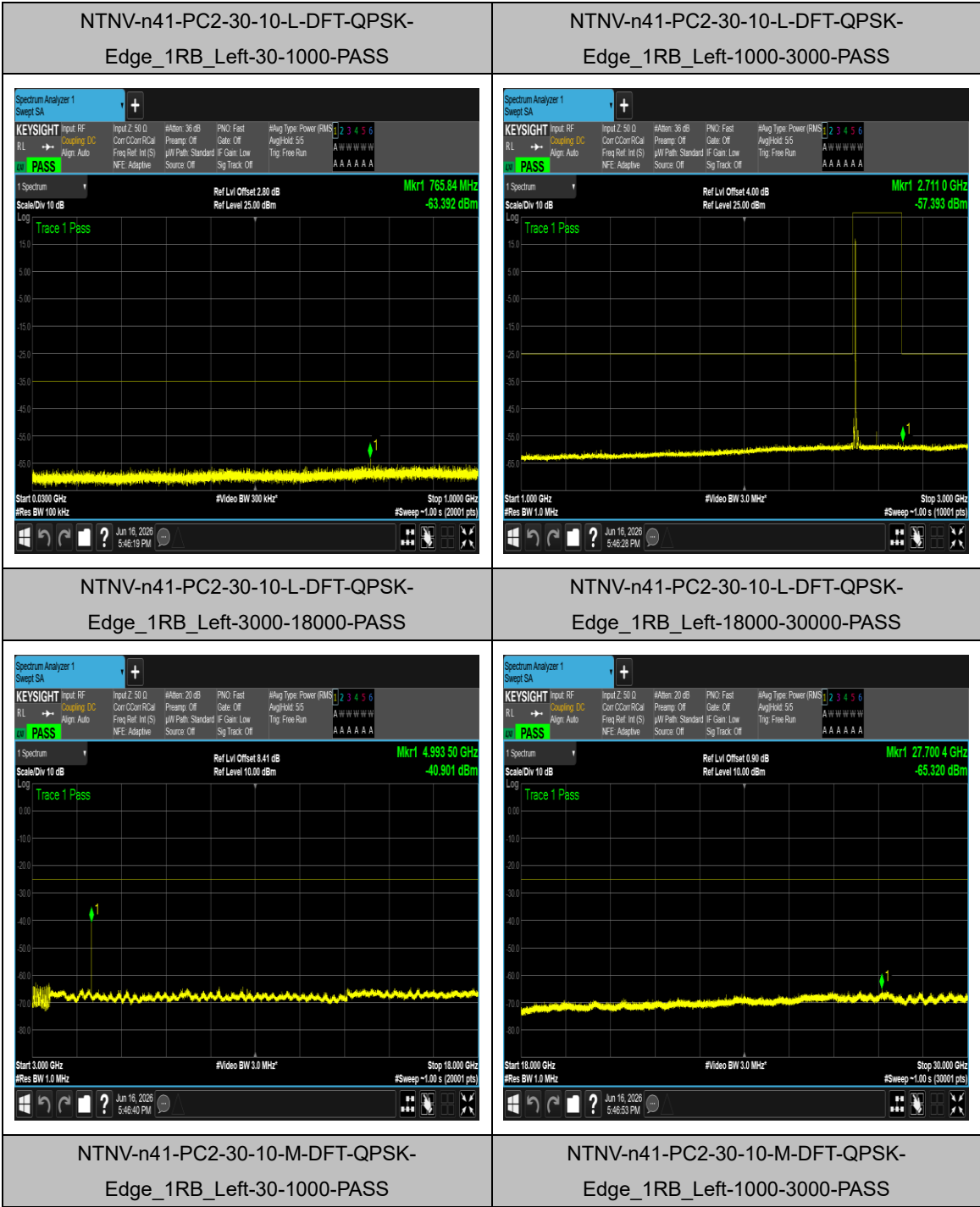


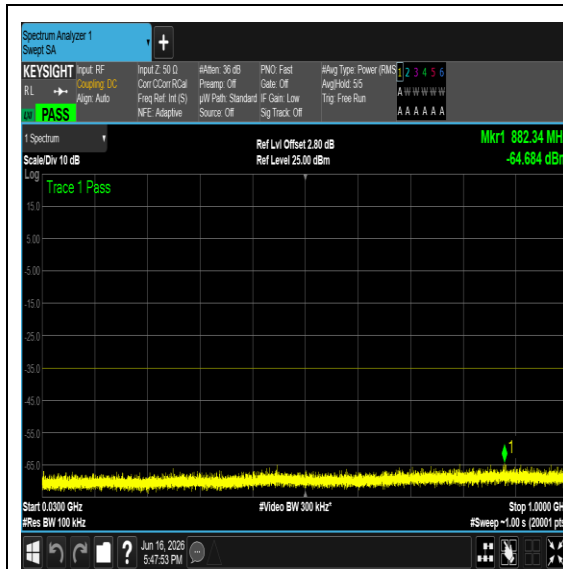
Conducted Spurious Emission for SA

Test Result

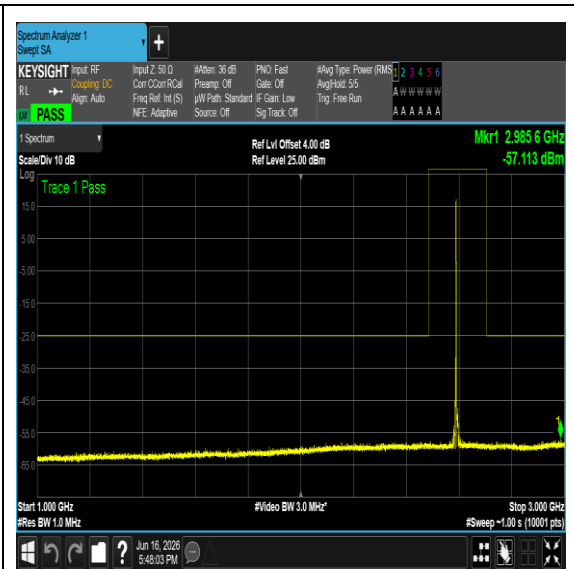
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	StartFreq (MHz)	StopFreq (MHz)	Result (dBm)	Limit	Verdict
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-63.39	≤-35dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-57.39	≤-25dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	3000	18000	-40.90	≤-25dBm	PASS
n41	30	10	DFT-QPSK	L	Edge_1RB_Left	18000	30000	-65.32	≤-25dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.68	≤-35dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-57.11	≤-25dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_Left	3000	18000	-32.22	≤-25dBm	PASS
n41	30	10	DFT-QPSK	M	Edge_1RB_Left	18000	30000	-65.06	≤-25dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-63.16	≤-35dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-57.16	≤-25dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Left	3000	18000	-37.07	≤-25dBm	PASS
n41	30	10	DFT-QPSK	H	Edge_1RB_Left	18000	30000	-65.35	≤-25dBm	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-64.63	≤-35dBm	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-55.37	≤-25dBm	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	3000	18000	-41.58	≤-25dBm	PASS
n41	30	15	DFT-QPSK	L	Edge_1RB_Left	18000	30000	-64.79	≤-25dBm	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.37	≤-35dBm	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-56.99	≤-25dBm	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_Left	3000	18000	-31.01	≤-25dBm	PASS
n41	30	15	DFT-QPSK	M	Edge_1RB_Left	18000	30000	-64.90	≤-25dBm	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.47	≤-35dBm	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-57.31	≤-25dBm	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Left	3000	18000	-61.19	≤-25dBm	PASS
n41	30	15	DFT-QPSK	H	Edge_1RB_Left	18000	30000	-65.38	≤-25dBm	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-64.95	≤-35dBm	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-53.08	≤-25dBm	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	3000	18000	-63.98	≤-25dBm	PASS
n41	30	20	DFT-QPSK	L	Edge_1RB_Left	18000	30000	-64.38	≤-25dBm	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-64.48	≤-35dBm	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-57.31	≤-25dBm	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_Left	3000	18000	-60.91	≤-25dBm	PASS
n41	30	20	DFT-QPSK	M	Edge_1RB_Left	18000	30000	-65.27	≤-25dBm	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-64.19	≤-35dBm	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-56.75	≤-25dBm	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Left	3000	18000	-61.22	≤-25dBm	PASS
n41	30	20	DFT-QPSK	H	Edge_1RB_Left	18000	30000	-65.63	≤-25dBm	PASS

Test Graphs

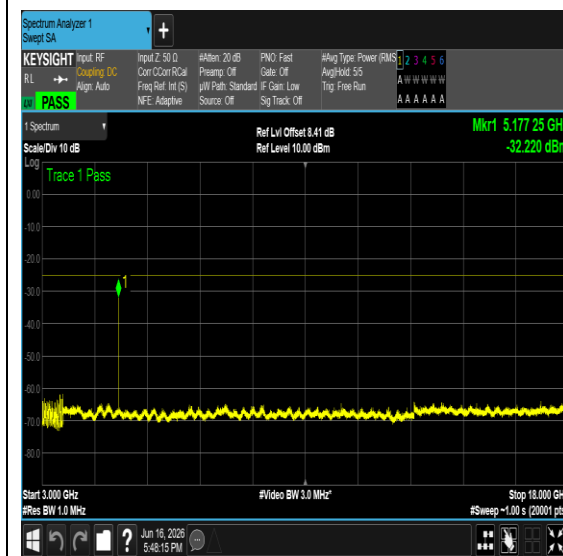




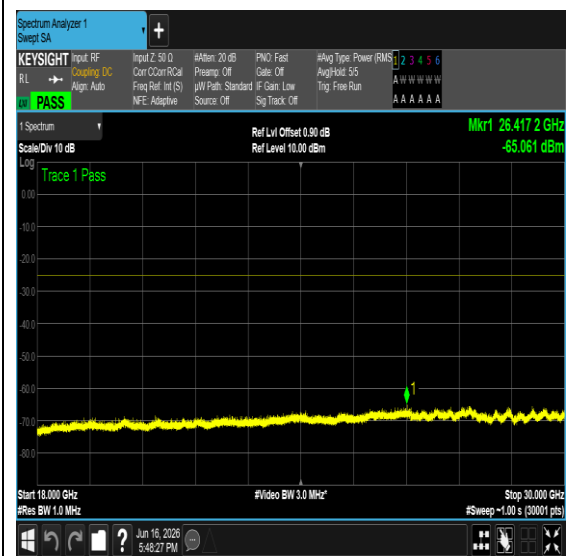
NTNV-n41-PC2-30-10-M-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



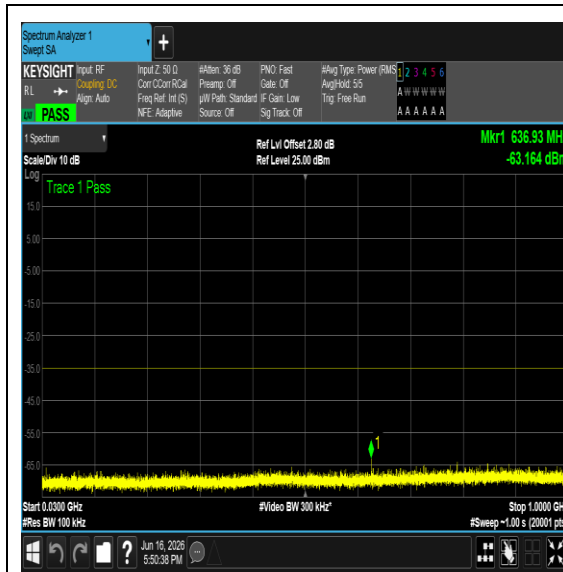
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Edge_1RB_Left-18000-30000-PASS



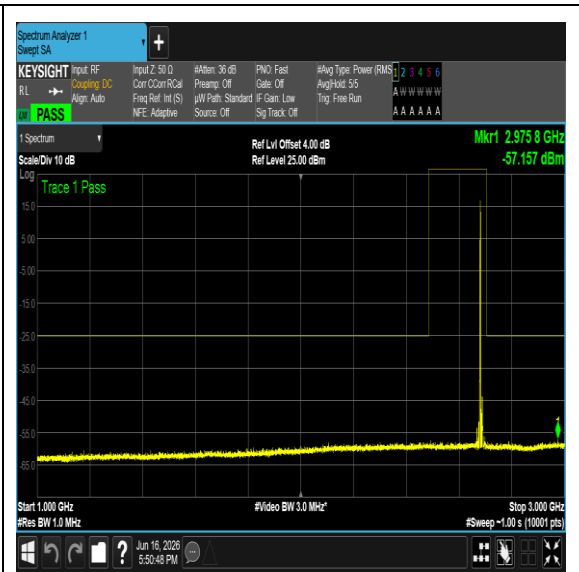
NTNV-n41-PC2-30-10-H-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



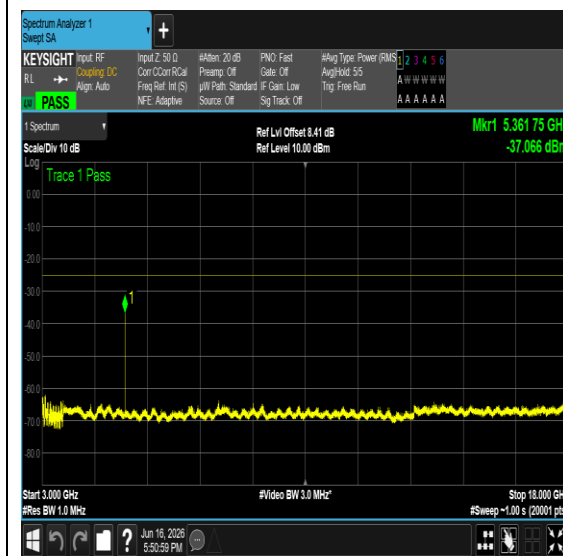
NTNV-n41-PC2-30-10-H-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS



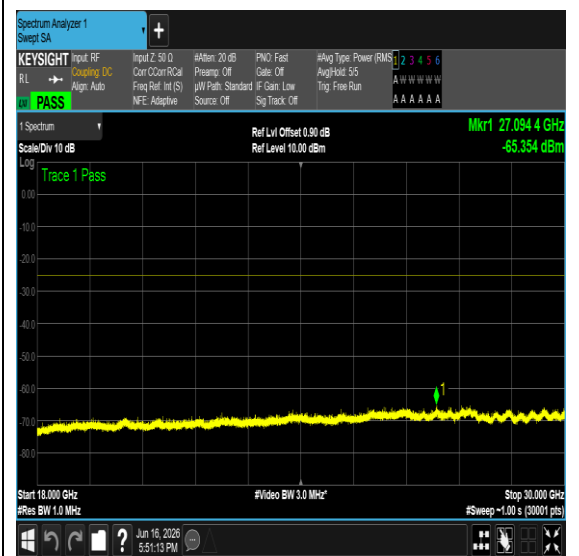
NTNV-n41-PC2-30-10-H-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



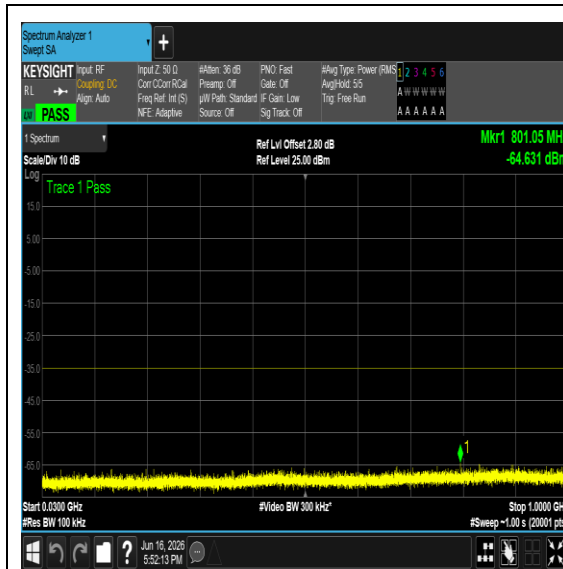
NTNV-n41-PC2-30-10-H-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



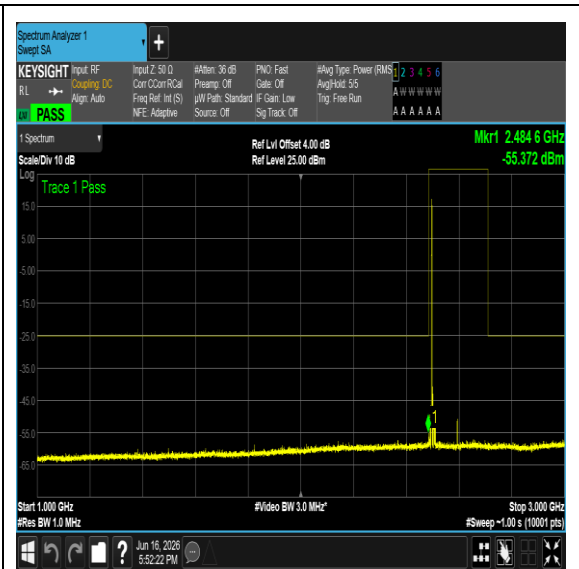
NTNV-n41-PC2-30-15-L-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



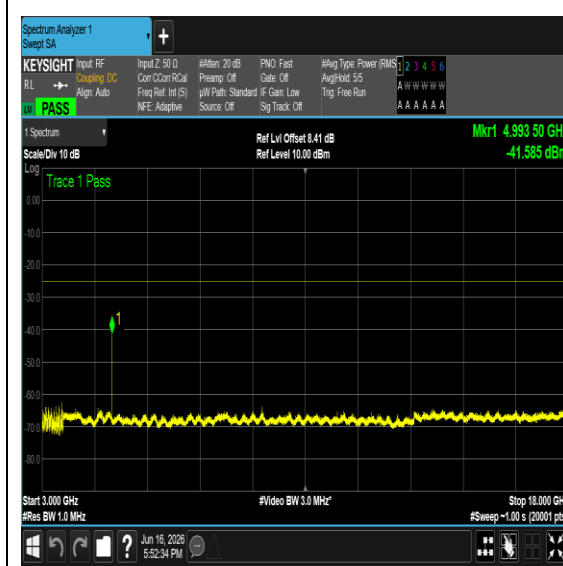
NTNV-n41-PC2-30-15-L-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS



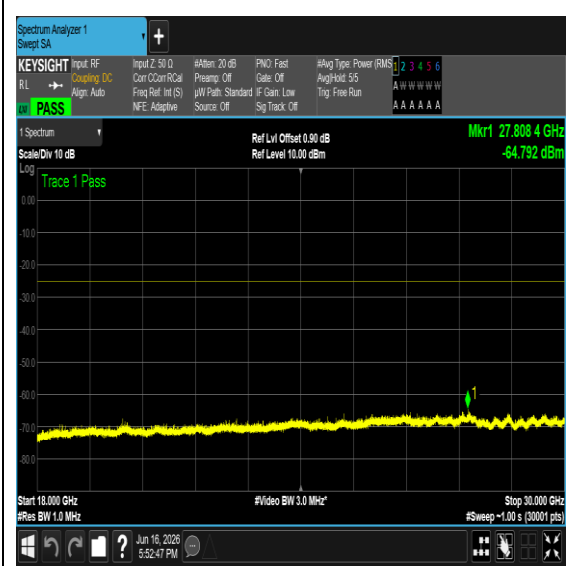
NTNV-n41-PC2-30-15-L-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



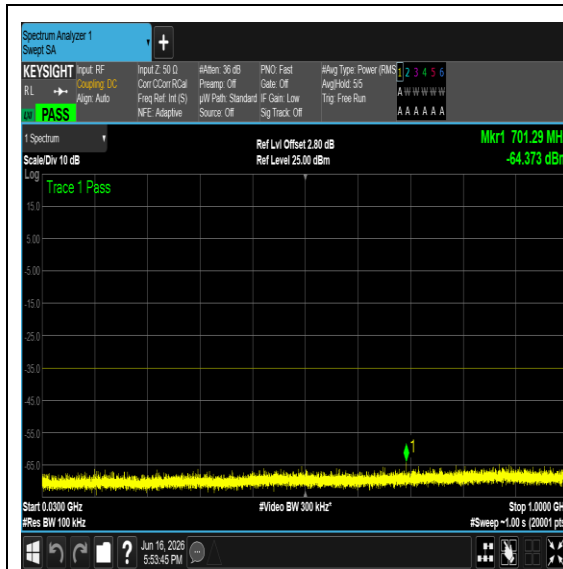
NTNV-n41-PC2-30-15-L-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



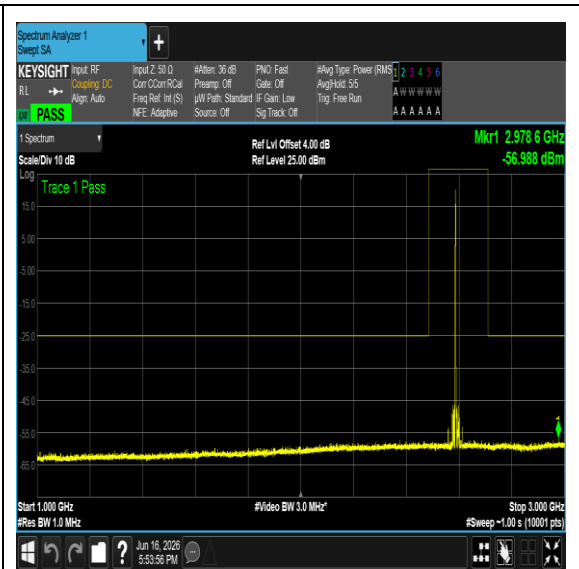
NTNV-n41-PC2-30-15-M-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



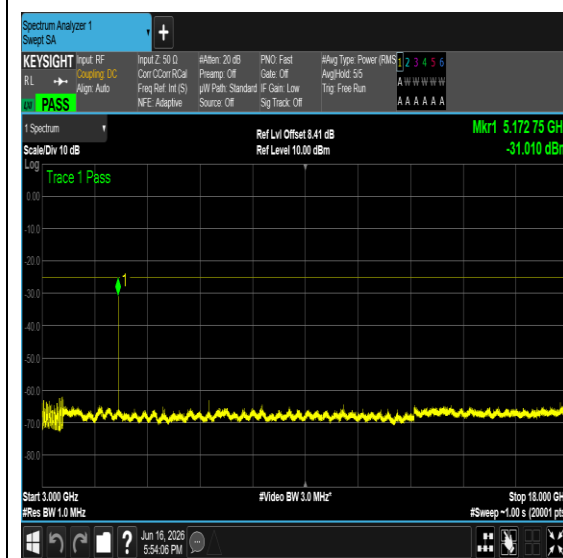
NTNV-n41-PC2-30-15-M-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS



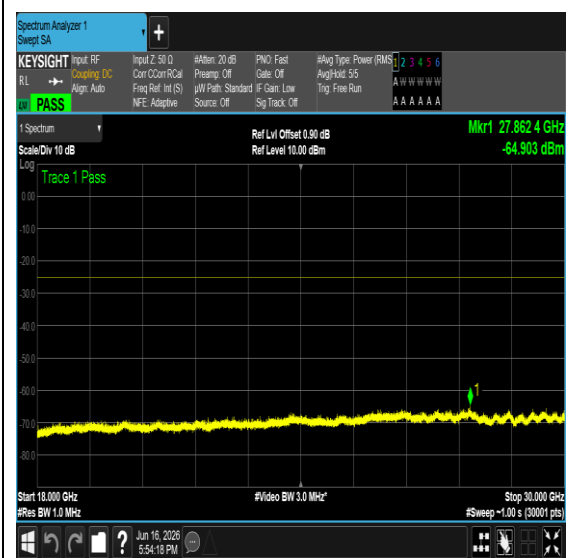
NTNV-n41-PC2-30-15-M-DFT-QPSK-
Edge_1RB_Left-3000-18000-PASS



NTNV-n41-PC2-30-15-M-DFT-QPSK-
Edge_1RB_Left-18000-30000-PASS



NTNV-n41-PC2-30-15-H-DFT-QPSK-
Edge_1RB_Left-30-1000-PASS



NTNV-n41-PC2-30-15-H-DFT-QPSK-
Edge_1RB_Left-1000-3000-PASS