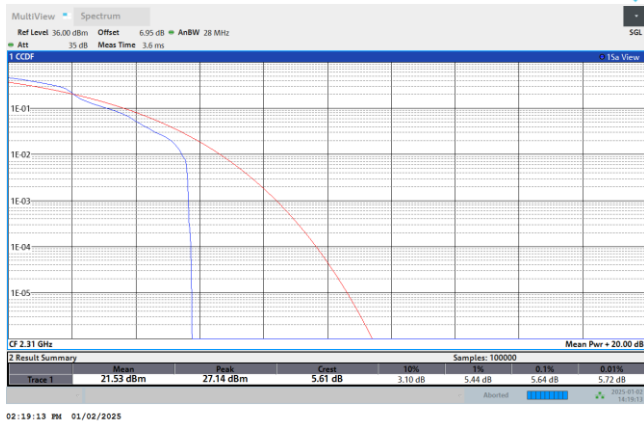
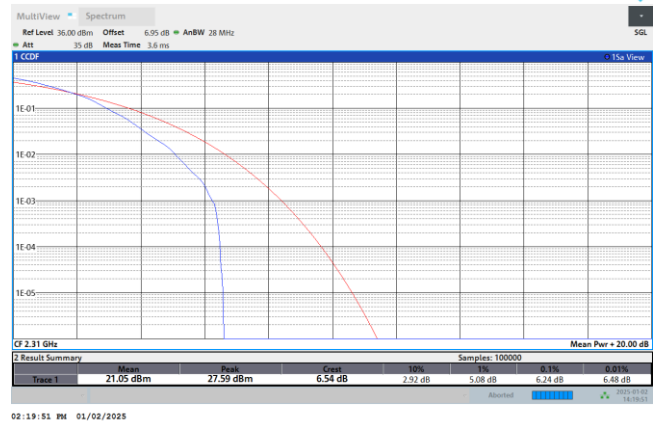




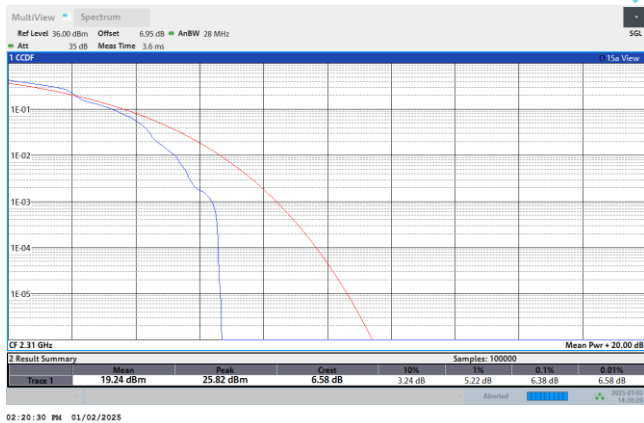
NTNV-N30-PC3-15-10-DFT-64QAM-M-
Edge_1RB_Left



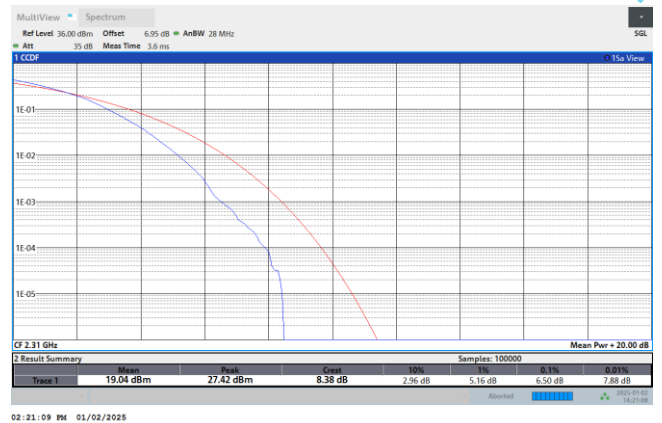
NTNV-N30-PC3-15-10-DFT-64QAM-M-
Outer_Full



NTNV-N30-PC3-15-10-DFT-256QAM-M-
Edge_1RB_Left



NTNV-N30-PC3-15-10-DFT-256QAM-M-
Outer_Full





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

TEST RESULT

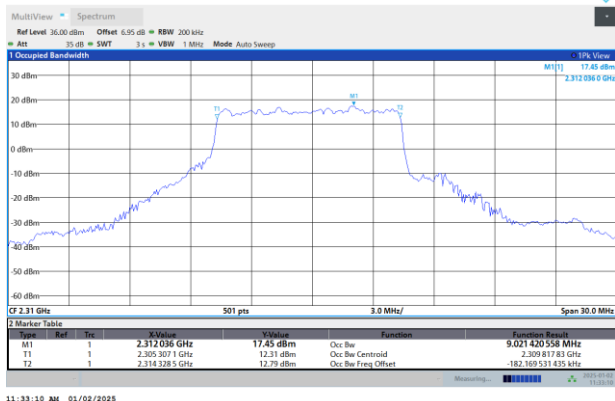
Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
N30	15	10	DFT-QPSK	M	Outer_Full	9.021	10.13	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	9.034	10.13	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	9.085	10.34	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	9.031	10.22	PASS



TEST GRAPHS

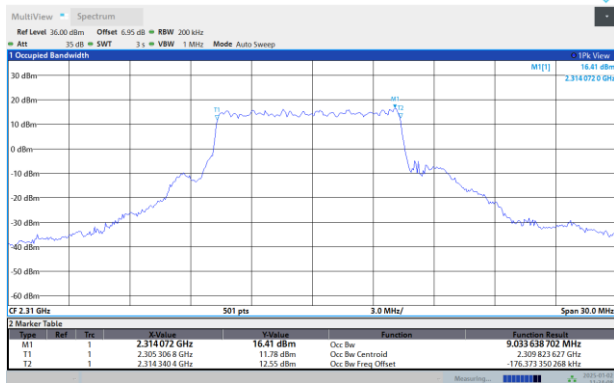
Occupied Bandwidth

NTNV-N30-PC3-15-10-DFT-QPSK-M- Outer_Full



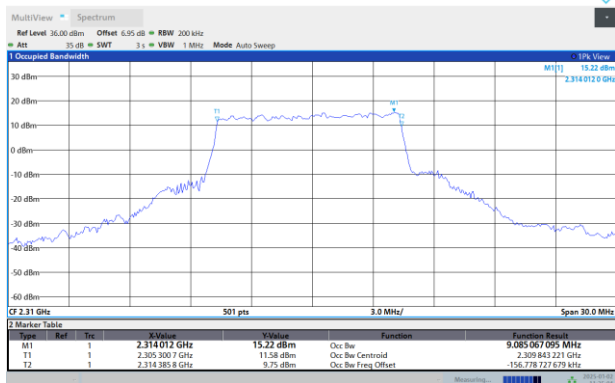
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NTNV-N30-PC3-15-10-DFT-16QAM-M- Outer_Full



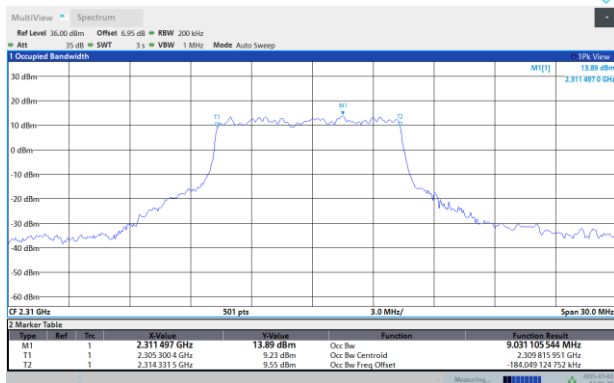
11:34:08 AM 01/02/2025

NTNV-N30-PC3-15-10-DFT-64QAM-M- Outer_Full



11:35:04 AM 01/02/2025

NTNV-N30-PC3-15-10-DFT-256QAM-M- Outer_Full

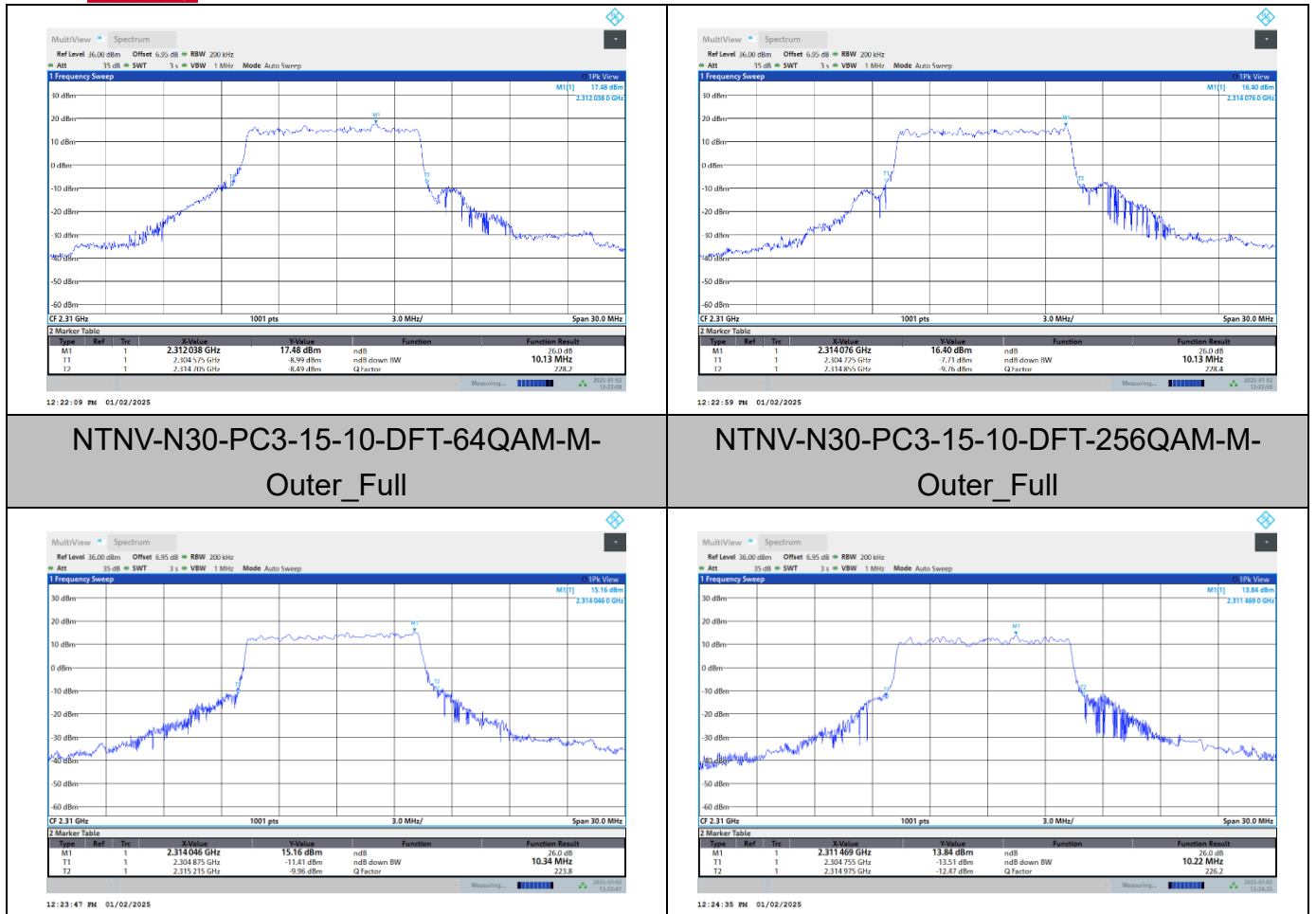


12:06:29 PM 01/02/2025

26dB Bandwidth

NTNV-N30-PC3-15-10-DFT-QPSK-M- Outer_Full

NTNV-N30-PC3-15-10-DFT-16QAM-M- Outer_Full



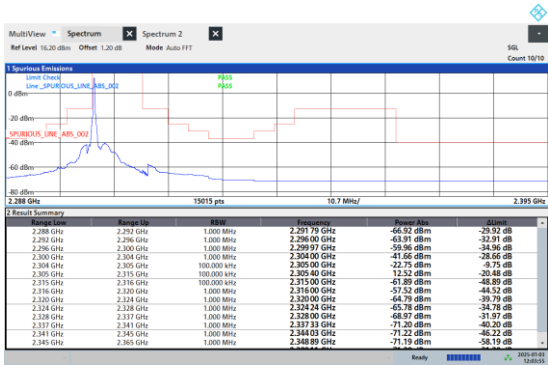
**BAND EDGE****TEST RESULT**

Band	SCS	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	See Graph	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	See Graph	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	See Graph	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	See Graph	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	See Graph	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	See Graph	PASS
N30	15	10	DFT-64QAM	M	Edge_1RB_Left	See Graph	PASS
N30	15	10	DFT-64QAM	M	Edge_1RB_Right	See Graph	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	See Graph	PASS
N30	15	10	DFT-256QAM	M	Edge_1RB_Left	See Graph	PASS
N30	15	10	DFT-256QAM	M	Edge_1RB_Right	See Graph	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	See Graph	PASS

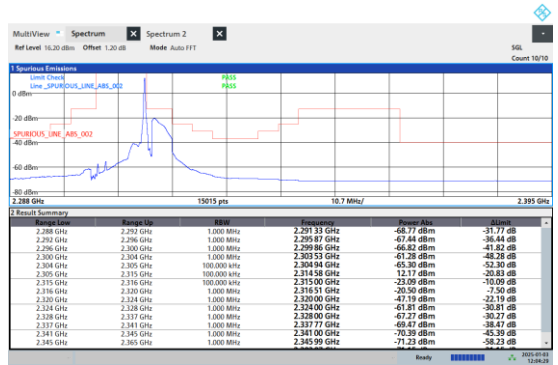


TEST GRAPHS

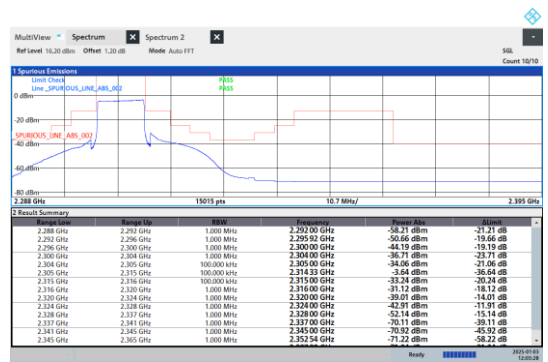
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Edge_1RB_Left



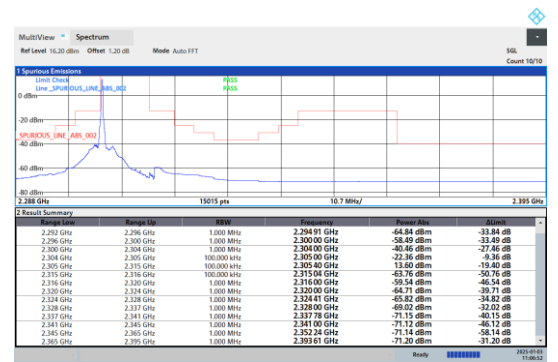
NTNV-N30-PC3-15-10-DFT-QPSK-M-
Edge_1RB_Right



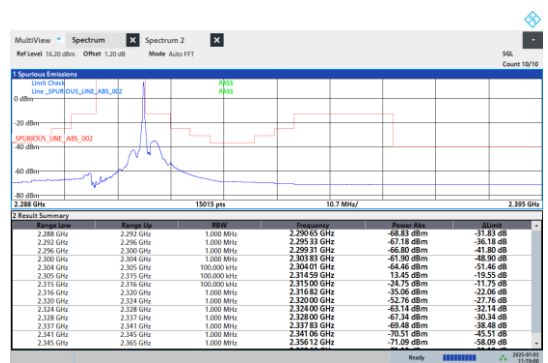
NTNV-N30-PC3-15-10-DFT-QPSK-M-
Outer_Full



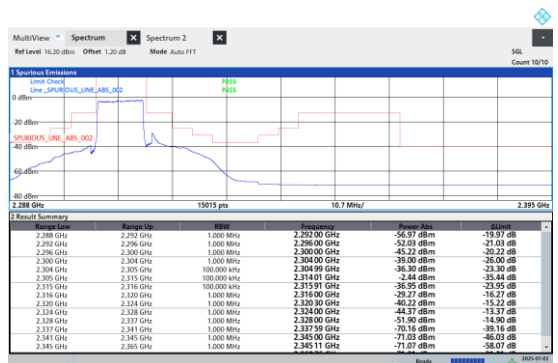
NTNV-N30-PC3-15-10-DFT-16QAM-M-
Edge_1RB_Left



NTNV-N30-PC3-15-10-DFT-16QAM-M-
Edge_1RB_Right

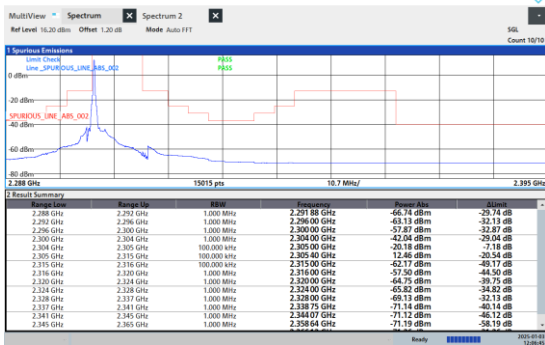


NTNV-N30-PC3-15-10-DFT-16QAM-M-
Outer_Full

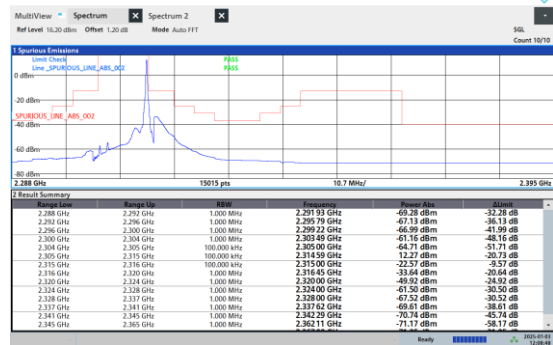


NTNV-N30-PC3-15-10-DFT-64QAM-M-
Edge_1RB_Left

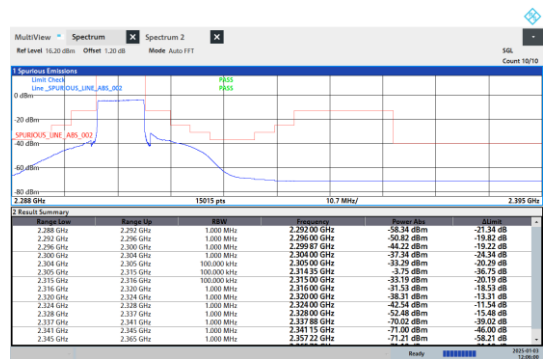
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Edge_1RB_Right



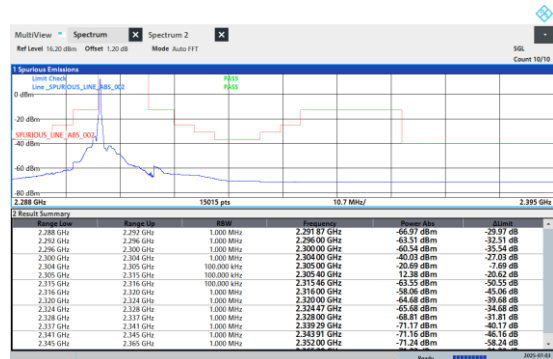
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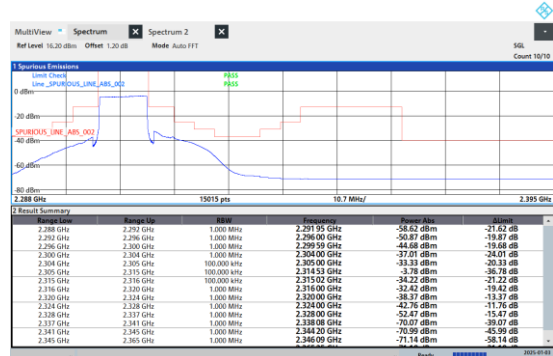
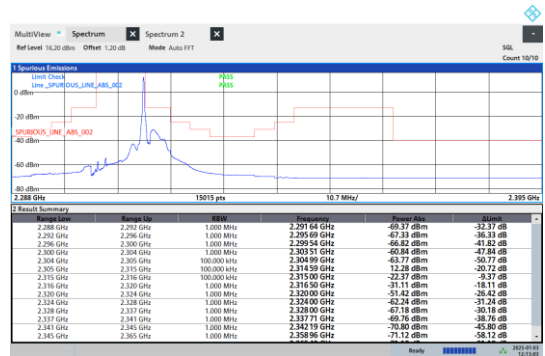
NTNV-N30-PC3-15-10-DFT-256QAM-M-Edge_1RB_Left



NTNV-N30-PC3-15-10-DFT-256QAM-M-Edge_1RB_Right



NTNV-N30-PC3-15-10-DFT-256QAM-M-Outter_Full





CONDUCTED SPURIOUS EMISSION

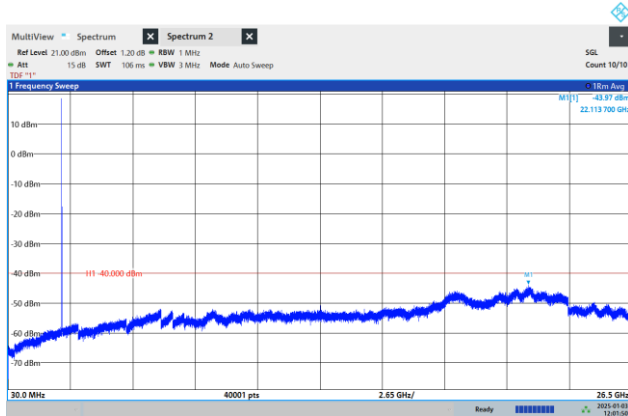
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
N30	10	DFT-QPSK	M	Edge_1RB_Left	Range:30~265000MHz	See Graph	PASS
N30	10	DFT-16QAM	M	Edge_1RB_Left	Range:30~265000MHz	See Graph	PASS
N30	10	DFT-64QAM	M	Edge_1RB_Left	Range:30~265000MHz	See Graph	PASS
N30	10	DFT-256QAM	M	Edge_1RB_Left	Range:30~265000MHz	See Graph	PASS

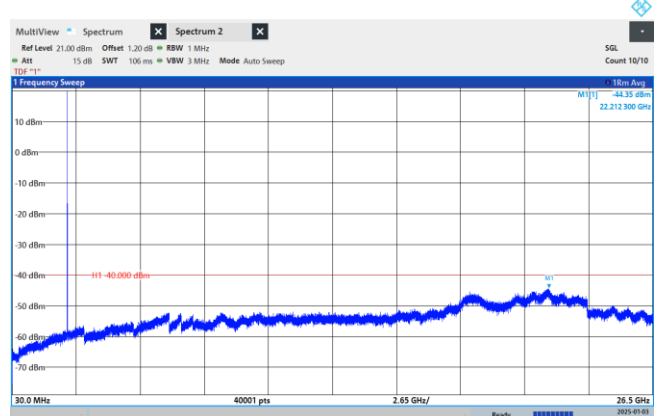


TEST GRAPHS

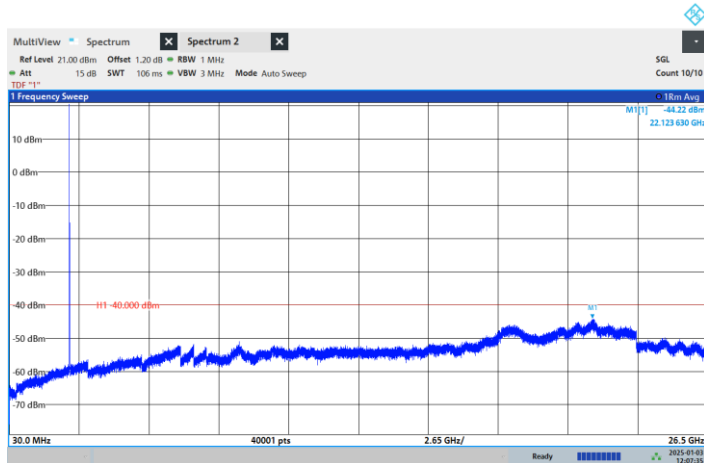
NTNV-N30-PC3-15-10-DFT-QPSK-M-
Edge_1RB_Left-Range:30~265000MHz



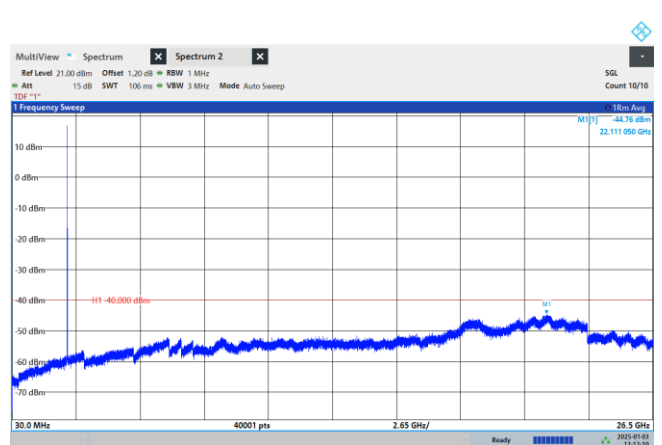
NTNV-N30-PC3-15-10-DFT-16QAM-M-
Edge_1RB_Left-Range:30~265000MHz



NTNV-N30-PC3-15-10-DFT-64QAM-M-
Edge_1RB_Left-Range:30~265000MHz



NTNV-N30-PC3-15-10-DFT-256QAM-M-
Edge_1RB_Left-Range:30~265000MHz





FREQUENCY STABILITY

TEST RESULT

Voltage										
Band	Band width	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N30	10	DFT-QPSK	2310	Outer_Full	LV	NT	-6.01	-0.0077	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	NT	1.48	0.0019	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	HV	NT	-4.69	-0.0060	±2.5	PASS

Temperature										
Band	Band width	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N30	10	DFT-QPSK	2310	Outer_Full	NV	-30	-10.70	-0.0137	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	-20	24.83	0.0318	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	-10	6.76	0.0086	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	0	6.61	0.0085	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	10	18.33	0.0234	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	20	17.57	0.0225	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	30	-3.48	-0.0045	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	40	4.80	0.0061	±2.5	PASS
N30	10	DFT-QPSK	2310	Outer_Full	NV	50	7.10	0.0091	±2.5	PASS

**N41(INCLUDING N38)****PEAK-TO-AVERAGE RATIO FOR SA****PEAK-TO-AVERAGE RATIO(CCDF)****TEST RESULT**

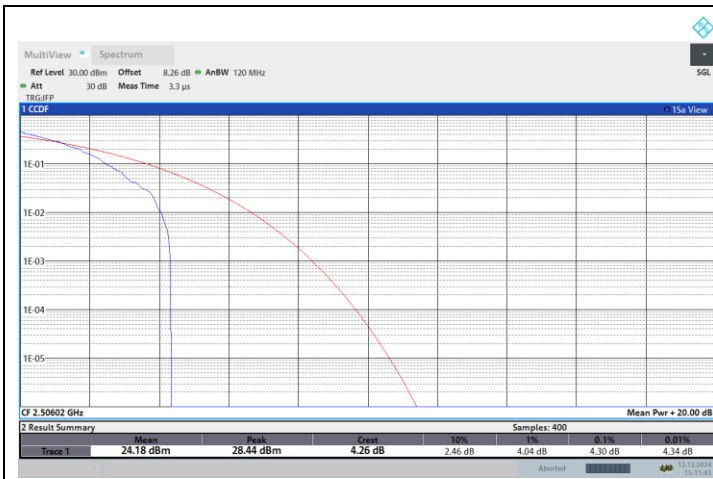
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	4.30	≤13	PASS
N41	30	20	DFT-QPSK	L	Edge_1RB_Left	1.38	≤13	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	5.32	≤13	PASS
N41	30	20	DFT-QPSK	M	Edge_1RB_Left	1.88	≤13	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	5.42	≤13	PASS
N41	30	20	DFT-QPSK	H	Edge_1RB_Left	1.80	≤13	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	5.04	≤13	PASS
N41	30	30	DFT-QPSK	L	Edge_1RB_Left	1.70	≤13	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	5.04	≤13	PASS
N41	30	30	DFT-QPSK	M	Edge_1RB_Left	1.80	≤13	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	4.94	≤13	PASS
N41	30	30	DFT-QPSK	H	Edge_1RB_Left	1.32	≤13	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	4.66	≤13	PASS
N41	30	40	DFT-QPSK	L	Edge_1RB_Left	1.88	≤13	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	5.42	≤13	PASS
N41	30	40	DFT-QPSK	M	Edge_1RB_Left	1.68	≤13	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	4.66	≤13	PASS
N41	30	40	DFT-QPSK	H	Edge_1RB_Left	1.88	≤13	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	5.22	≤13	PASS
N41	30	50	DFT-QPSK	L	Edge_1RB_Left	1.60	≤13	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	4.84	≤13	PASS
N41	30	50	DFT-QPSK	M	Edge_1RB_Left	1.78	≤13	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	4.66	≤13	PASS
N41	30	50	DFT-QPSK	H	Edge_1RB_Left	1.60	≤13	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	5.14	≤13	PASS
N41	30	60	DFT-QPSK	L	Edge_1RB_Left	1.70	≤13	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	5.44	≤13	PASS
N41	30	60	DFT-QPSK	M	Edge_1RB_Left	1.88	≤13	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	5.60	≤13	PASS



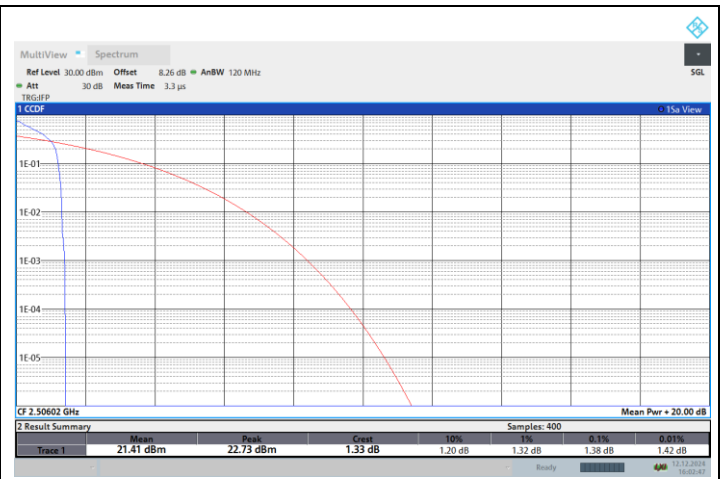
N41	30	60	DFT-QPSK	H	Edge_1RB_Left	1.70	≤13	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	4.84	≤13	PASS
N41	30	70	DFT-QPSK	L	Edge_1RB_Left	1.70	≤13	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	4.84	≤13	PASS
N41	30	70	DFT-QPSK	M	Edge_1RB_Left	1.70	≤13	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	5.24	≤13	PASS
N41	30	70	DFT-QPSK	H	Edge_1RB_Left	1.64	≤13	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	5.24	≤13	PASS
N41	30	80	DFT-QPSK	L	Edge_1RB_Left	1.70	≤13	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	4.84	≤13	PASS
N41	30	80	DFT-QPSK	M	Edge_1RB_Left	1.98	≤13	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	5.60	≤13	PASS
N41	30	80	DFT-QPSK	H	Edge_1RB_Left	1.88	≤13	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	5.60	≤13	PASS
N41	30	90	DFT-QPSK	L	Edge_1RB_Left	1.70	≤13	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	5.50	≤13	PASS
N41	30	90	DFT-QPSK	M	Edge_1RB_Left	1.98	≤13	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	5.42	≤13	PASS
N41	30	90	DFT-QPSK	H	Edge_1RB_Left	2.46	≤13	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	5.80	≤13	PASS
N41	30	100	DFT-QPSK	L	Edge_1RB_Left	1.88	≤13	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	4.78	≤13	PASS
N41	30	100	DFT-QPSK	M	Edge_1RB_Left	1.90	≤13	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	5.04	≤13	PASS
N41	30	100	DFT-QPSK	H	Edge_1RB_Left	1.88	≤13	PASS



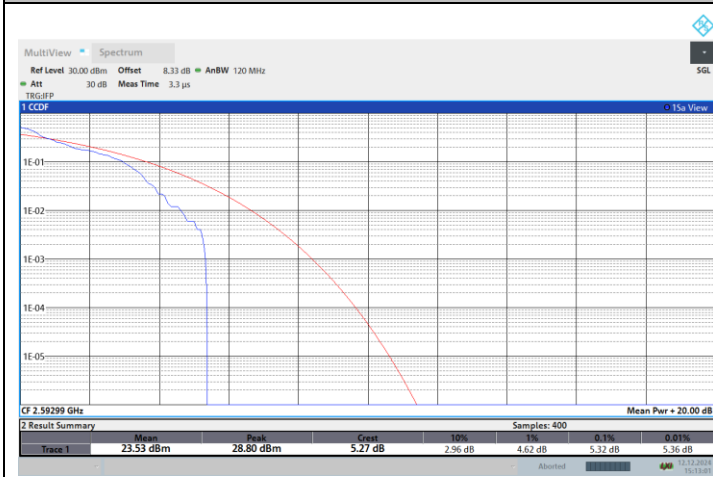
TEST GRAPHS



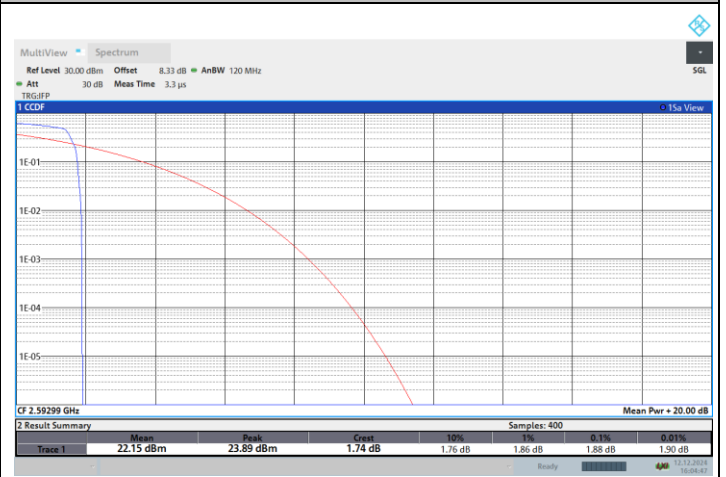
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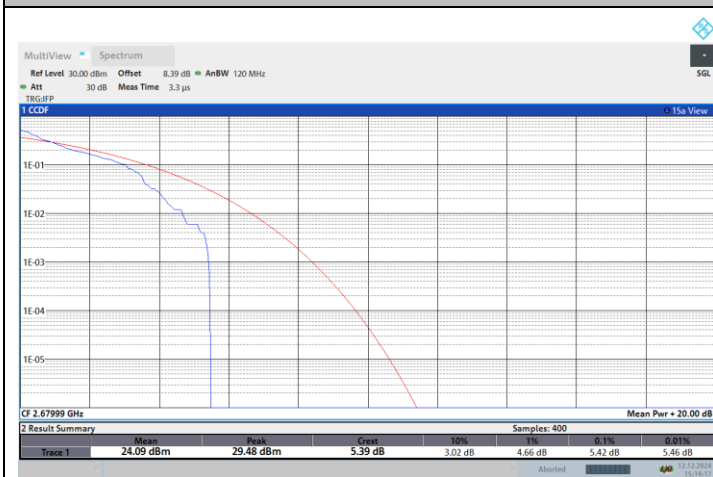
NTNV-N41-PC2-30-5-20-DFT-QPSK-Edge_1RB_Left-PASS



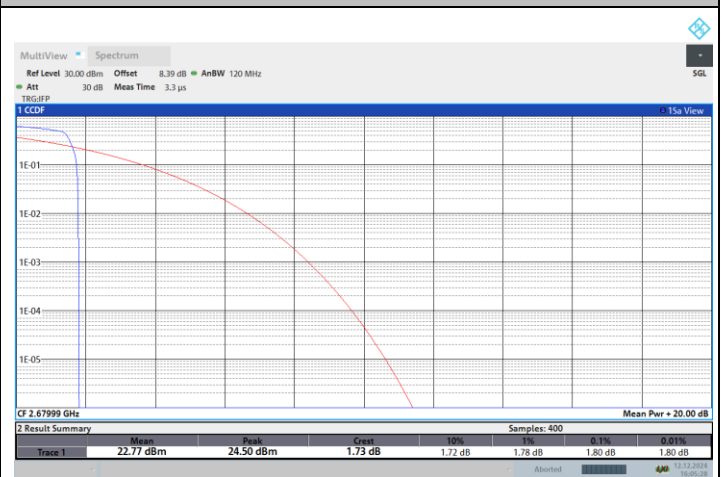
NTNV-N41-PC2-30-20-M-DFT-QPSK-Outer_Full-PASS



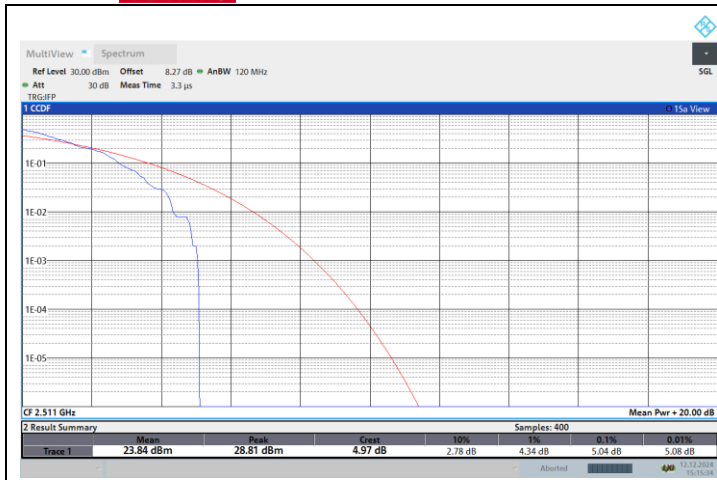
NTNV-N41-PC2-30-20-M-DFT-QPSK-Edge_1RB_Left-PASS



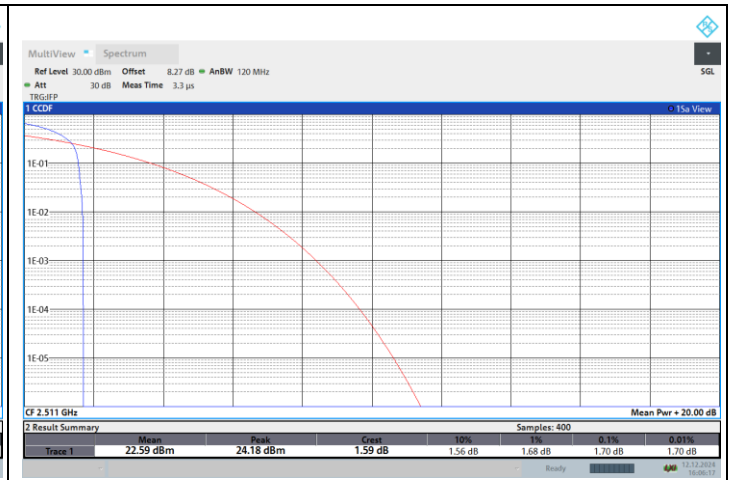
NTNV-N41-PC2-30-20-H-DFT-QPSK-Outer_Full-PASS



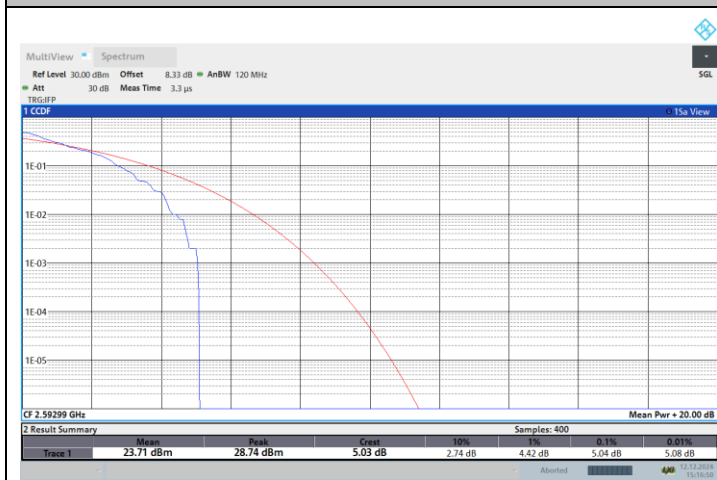
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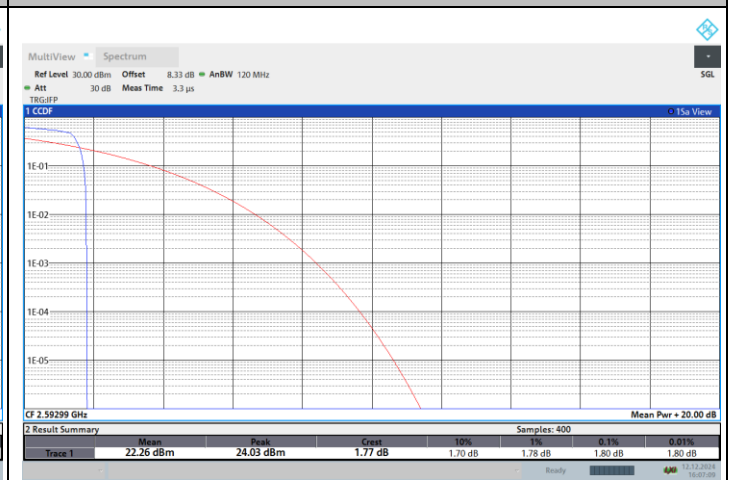
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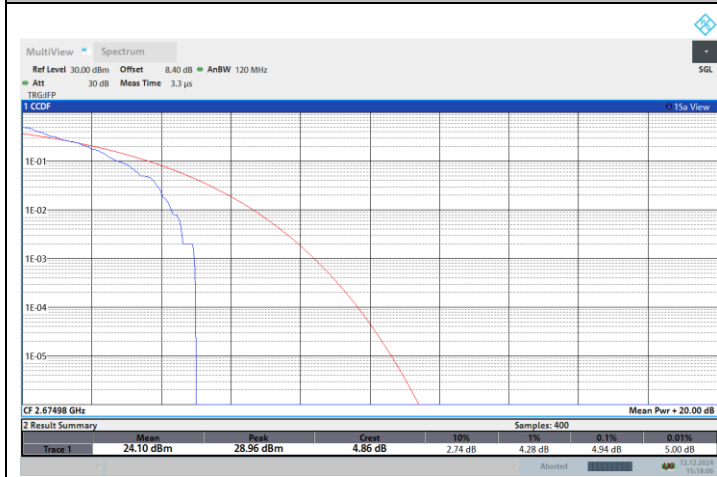
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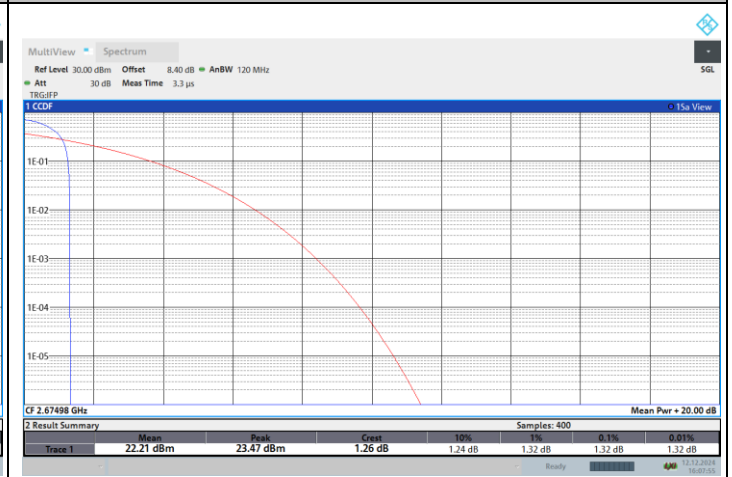
NTNV-N41-PC2-30-30-M-DFT-QPSK-Outer_Full-PASS



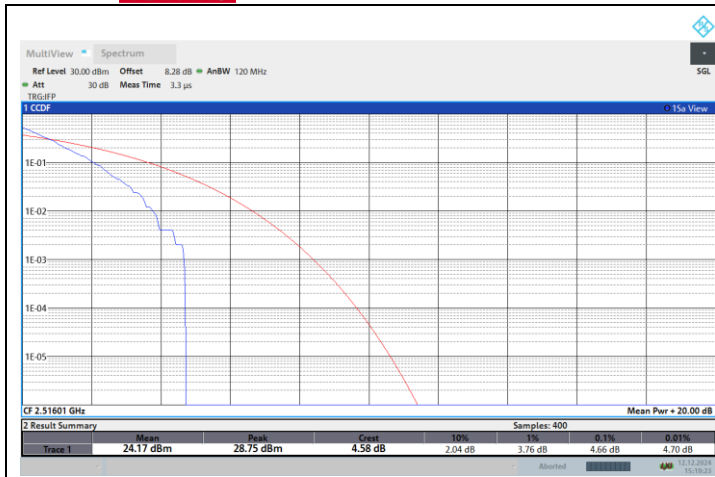
NTNV-N41-PC2-30-30-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N41-PC2-30-30-H-DFT-QPSK-Outer_Full-PASS



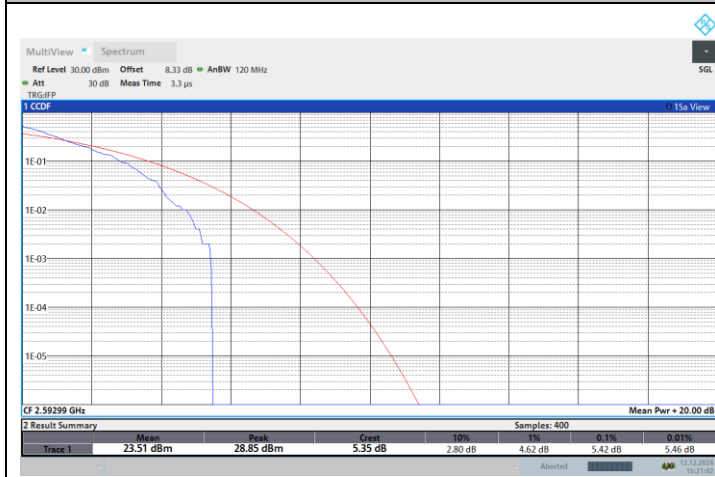
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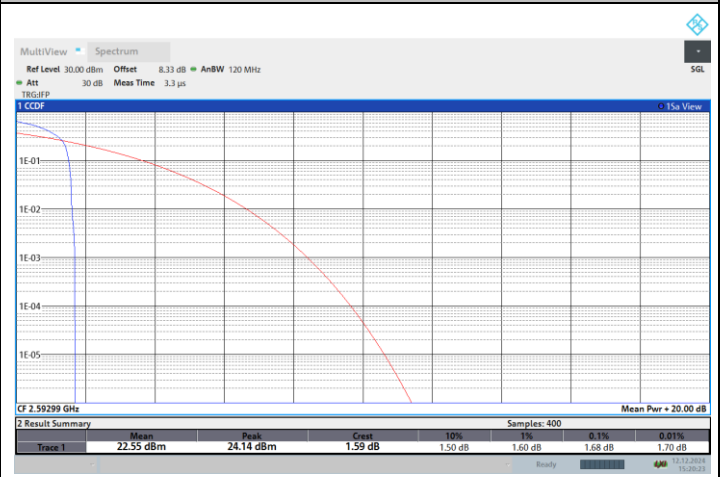
NTNV-N41-PC2-30-40-L-DFT-QPSK-Outer_Full-PASS



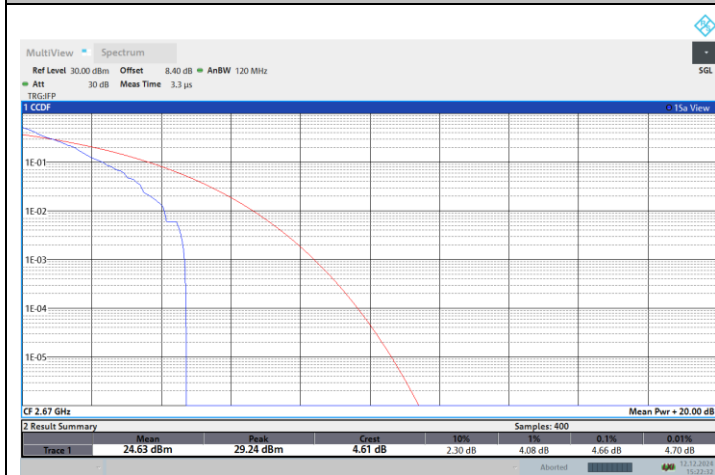
NTNV-N41-PC2-30-40-L-DFT-QPSK-Edge_1RB_Left-PASS



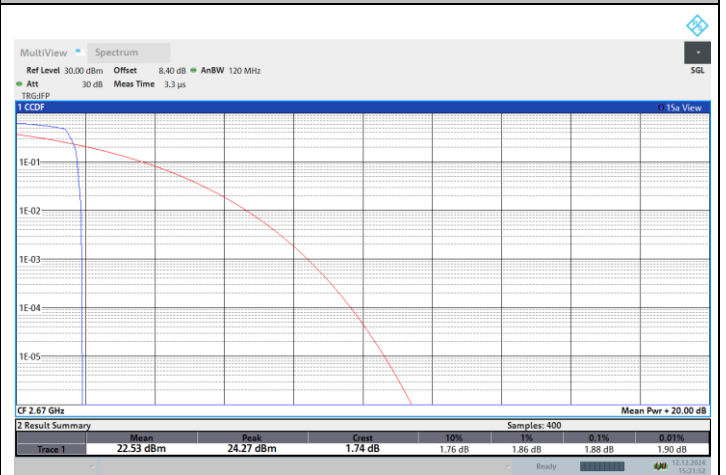
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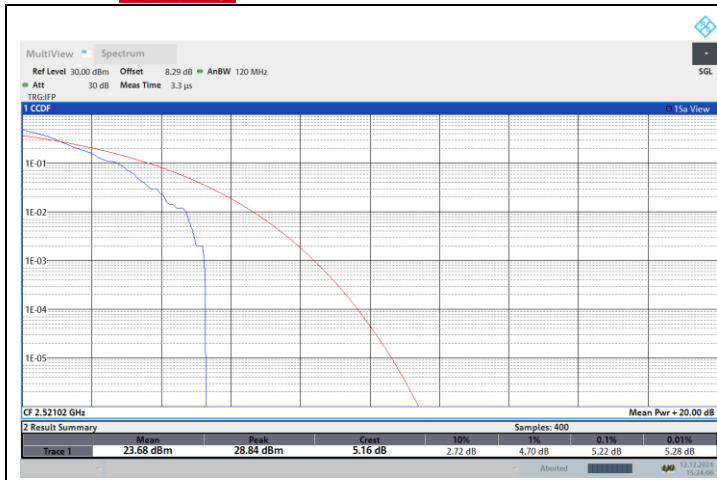
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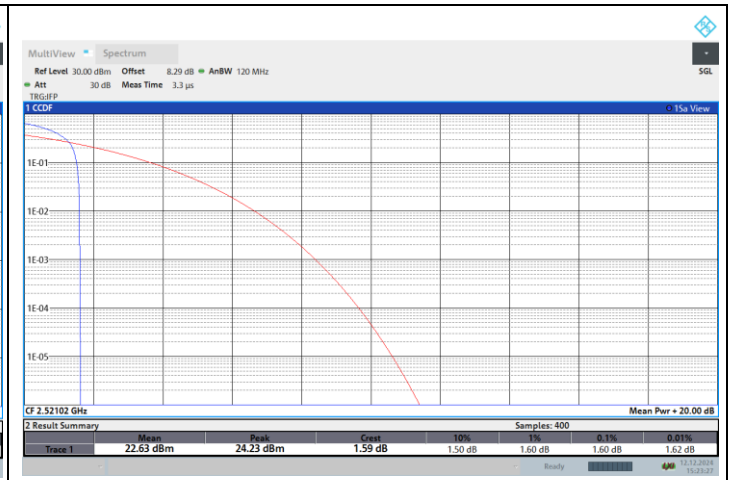
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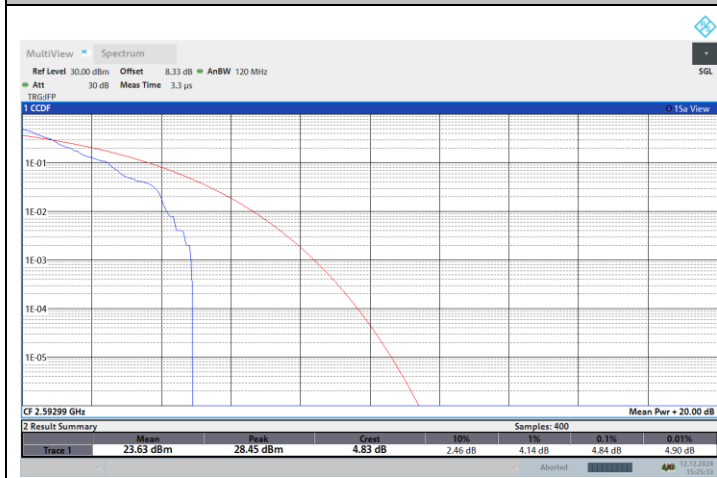
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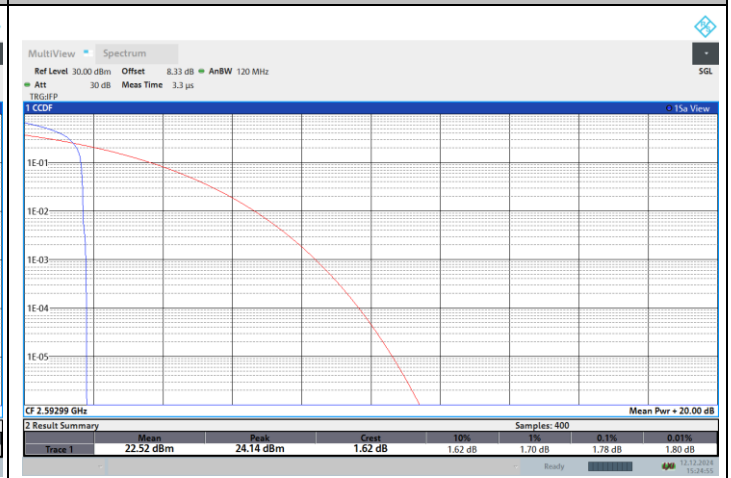
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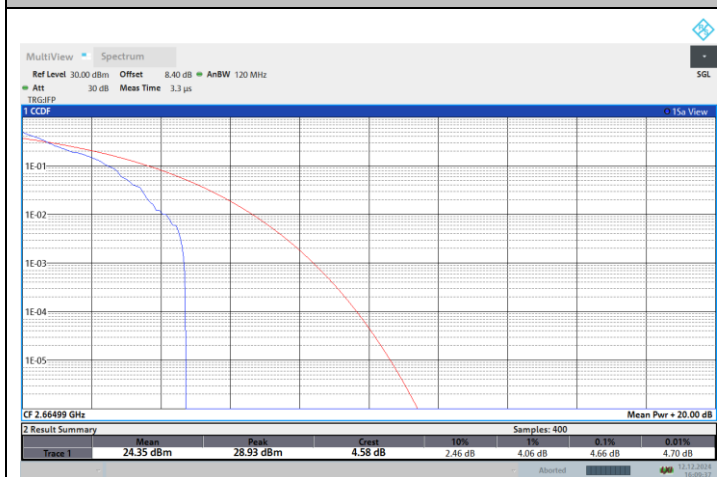
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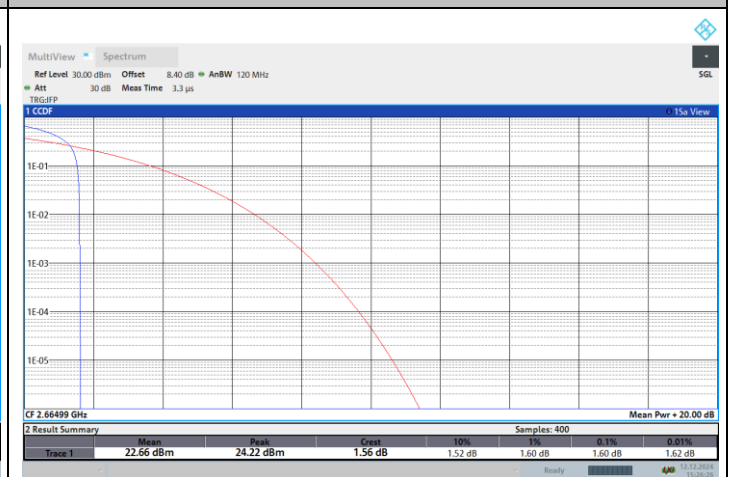
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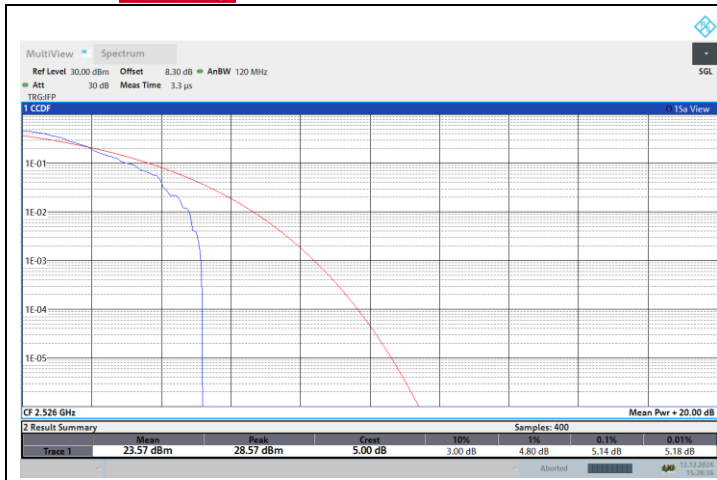
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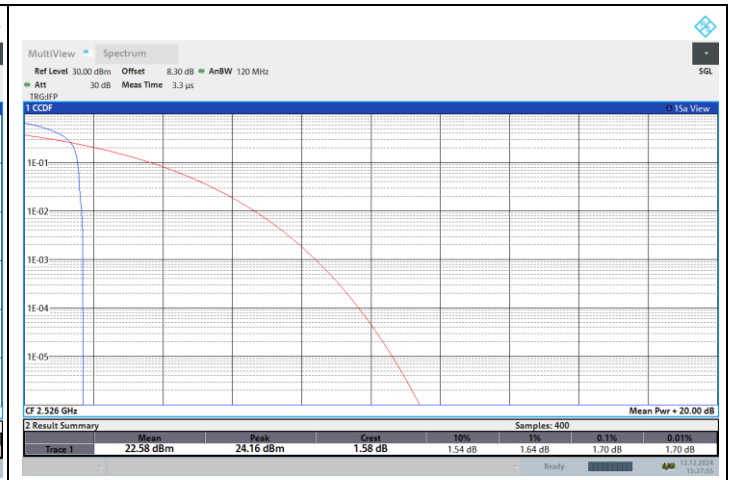
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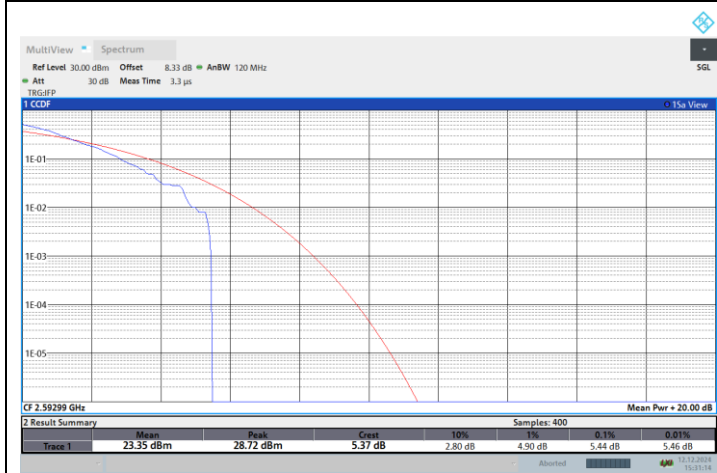
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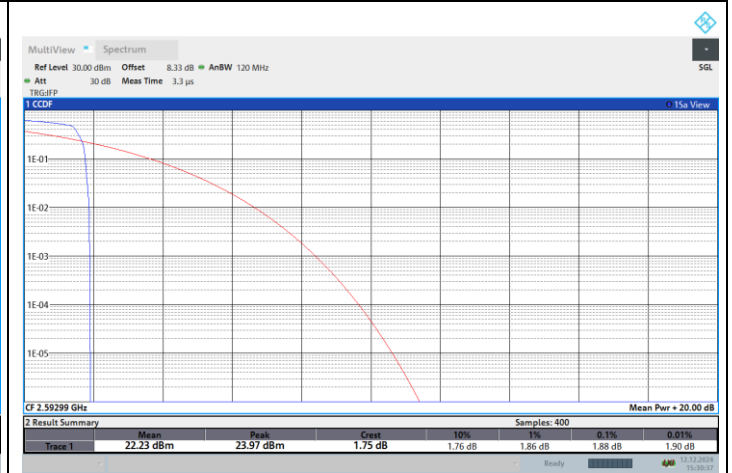
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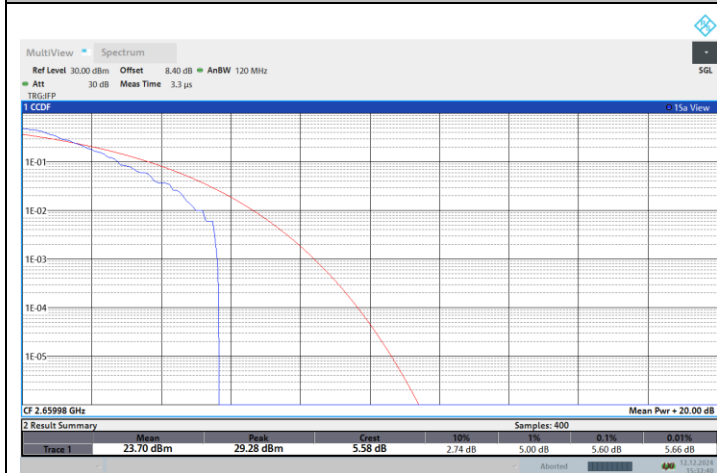
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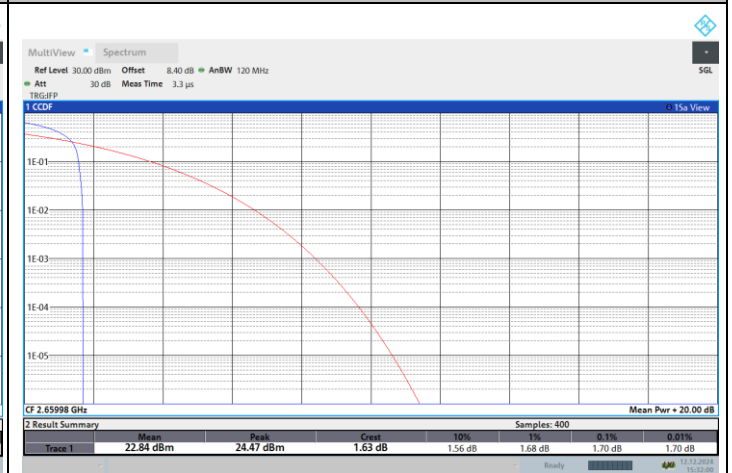
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NTNV-N41-PC2-30-60-M-DFT-QPSK-Edge_1RB_Left-PASS



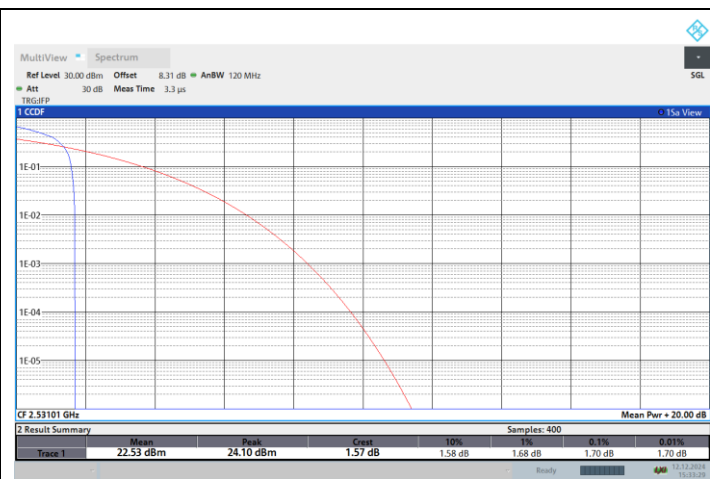
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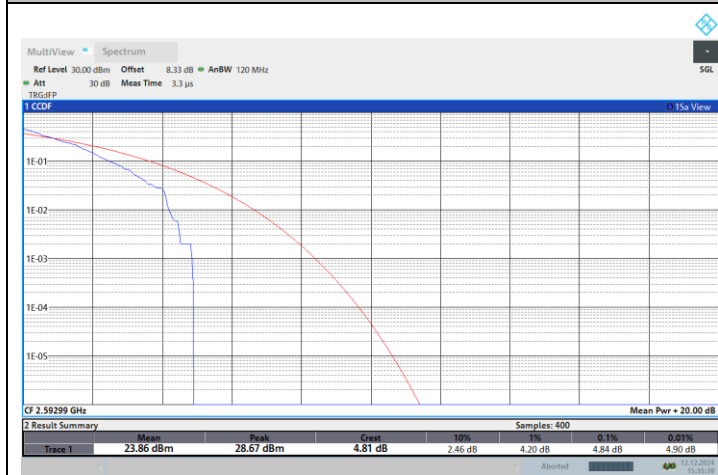
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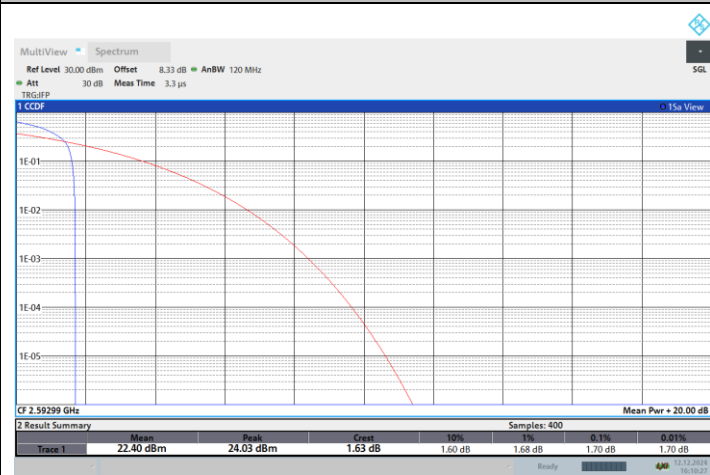
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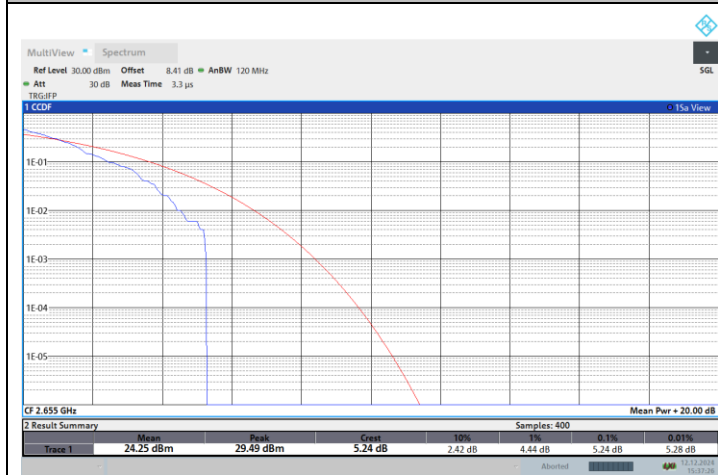
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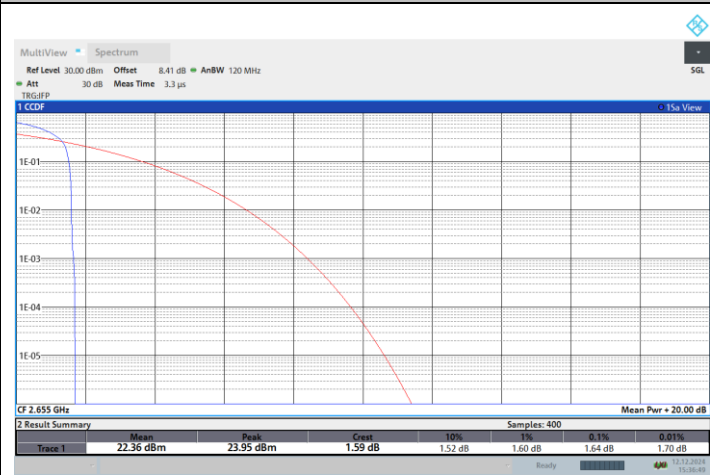
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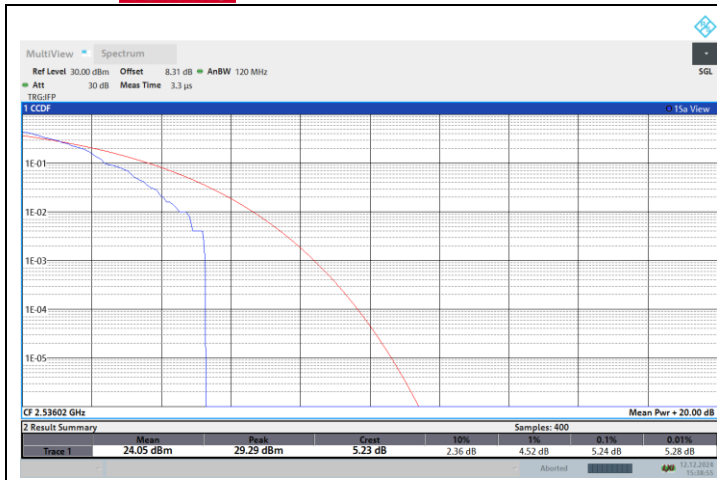
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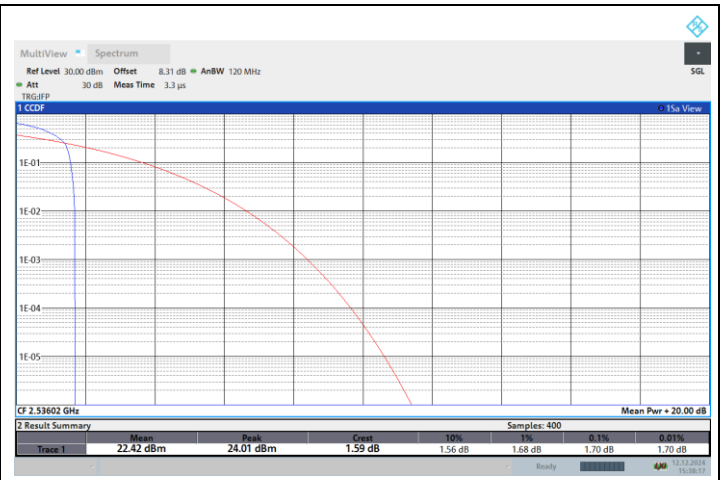
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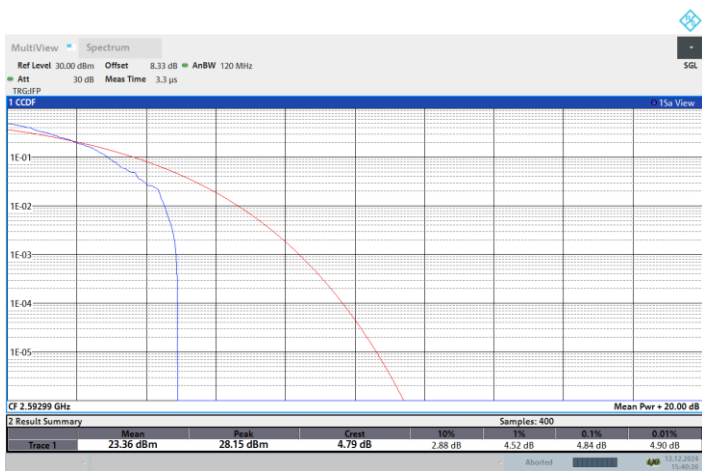
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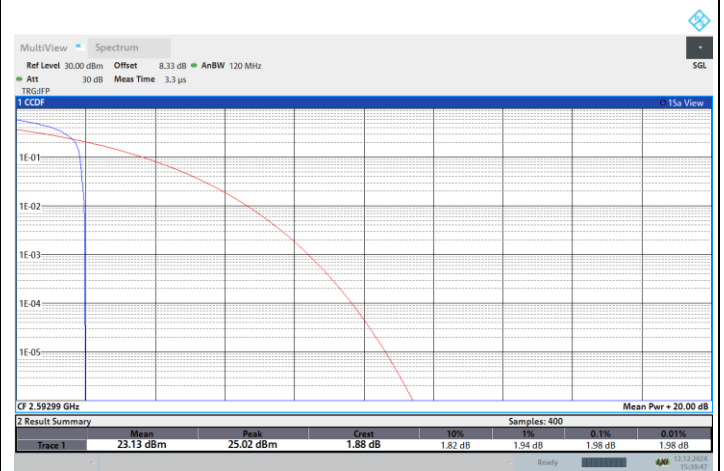
NTNV-N41-PC2-30-80-L-DFT-QPSK-Outer_Full-PASS



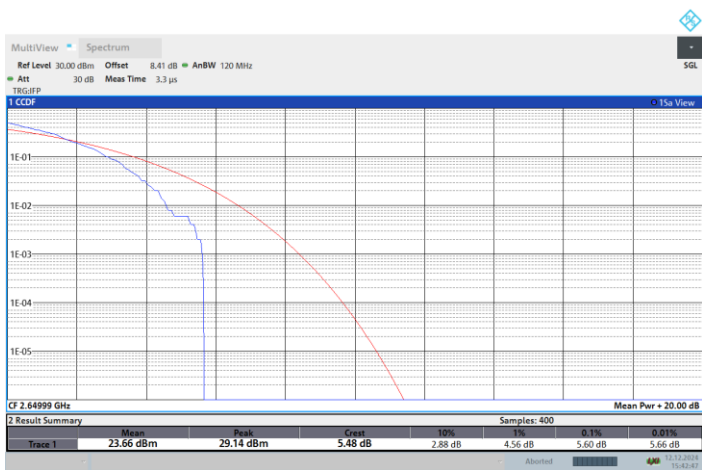
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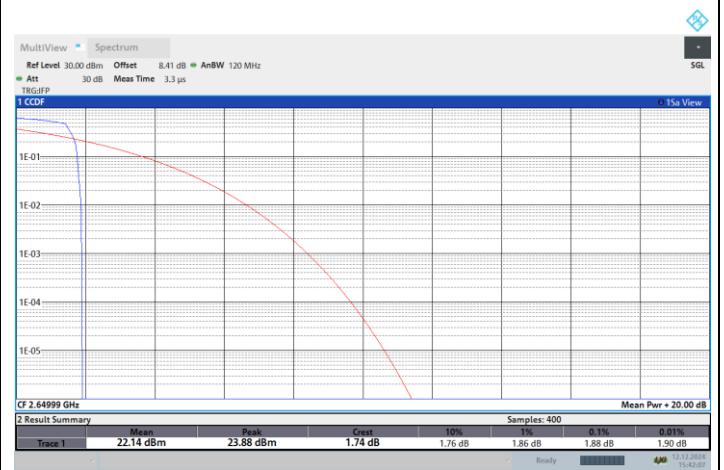
NTNV-N41-PC2-30-80-M-DFT-QPSK-Outer_Full-PASS



NTNV-N41-PC2-30-80-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N41-PC2-30-80-H-DFT-QPSK-Outer_Full-PASS



NTNV-N41-PC2-30-80-H-DFT-QPSK-Edge_1RB_Left-PASS