Appendix for N30

Product Name: 5G Indoor CPE
Model No: TITAN 5000

Appendix A: Average Power Output Data

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power（dBm）	Power Class	Verdict
N30	15	5	DFT-QPSK	L	Outer_Full	22.48	PC3	PASS
N30	15	5	DFT-QPSK	L	Inner_Full	22.49	PC3	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	22.43	PC3	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	22.41	PC3	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	22.47	PC3	PASS
N30	15	5	DFT-16QAM	L	Inner_Full	22.34	PC3	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	22.36	PC3	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Right	22.36	PC3	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	22.43	PC3	PASS
N30	15	5	DFT-QPSK	M	Inner_Full	22.59	PC3	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	22.48	PC3	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	22.52	PC3	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	22.46	PC3	PASS
N30	15	5	DFT-16QAM	M	Inner_Full	22.57	PC3	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	22.42	PC3	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	22.43	PC3	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	22.47	PC3	PASS
N30	15	5	DFT-QPSK	H	Inner_Full	22.44	PC3	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	22.30	PC3	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	22.15	PC3	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	22.55	PC3	PASS
N30	15	5	DFT-16QAM	H	Inner_Full	22.53	PC3	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	22.34	PC3	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	22.23	PC3	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	22.44	PC3	PASS
N30	15	10	DFT-QPSK	M	Inner_Full	22.49	PC3	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	22.33	PC3	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	22.21	PC3	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	22.69	PC3	PASS
N30	15	10	DFT-16QAM	M	Inner_Full	22.57	PC3	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	22.26	PC3	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	22.14	PC3	PASS

Appendix B: Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N30	15	5	DFT-QPSK	L	Outer_Full	100%	0.00	6.18	≤13	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	100%	0.00	6.77	≤13	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	100%	0.00	6.15	≤13	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	100%	0.00	6.89	≤13	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	100%	0.00	6.03	≤13	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	100%	0.00	6.76	≤13	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	100%	0.00	7.09	≤13	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	100%	0.00	7.27	≤13	PASS

Test Graphs

NTNV_N30_PC3_15_5_L_TID2_#1	NTNV_N30_PC3_15_5_L_TID3_#1
NTNV_N30_PC3_15_5_M_TID2_#1	NTNV_N30_PC3_15_5_M_TID3_#1
NTNV_N30_PC3_15_5_H_TID2_#1	NTNV_N30_PC3_15_5_H_TID3_#1

NTNV_N30_PC3_15_10_M_TID2_#1

NTNV_N30_PC3_15_10_M_TID3_#1

Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N30	30	5	DFT-QPSK	L	Outer_Full	1.8517	2.626	PASS
N30	30	5	DFT-16QAM	L	Outer_Full	1.8261	2.459	PASS
N30	30	5	DFT-QPSK	M	Outer_Full	1.8210	2.271	PASS
N30	30	5	DFT-16QAM	M	Outer_Full	1.8568	2.545	PASS
N30	30	5	DFT-QPSK	H	Outer_Full	1.8727	2.330	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	4.4884	4.988	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	4.4819	5.115	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.4738	5.067	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.4602	5.100	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.4705	4.933	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	4.4616	5.073	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.9521	9.667	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.9449	9.624	PASS

Test Graphs

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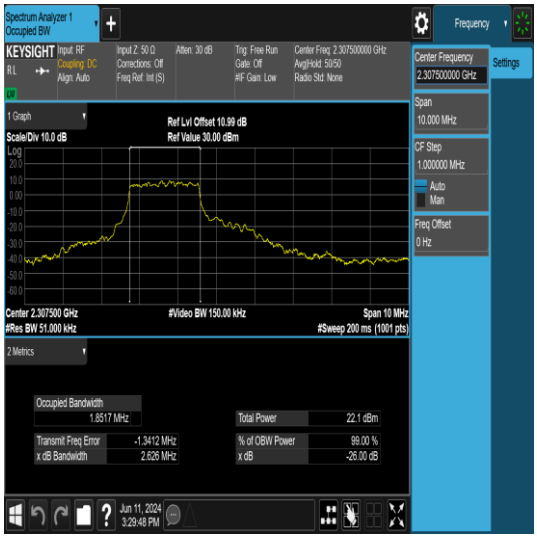	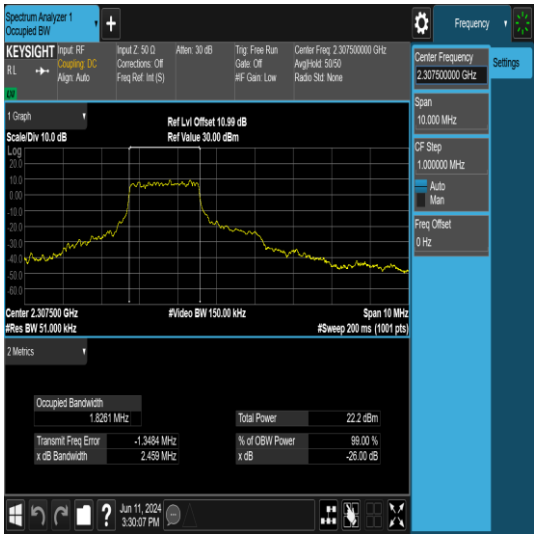
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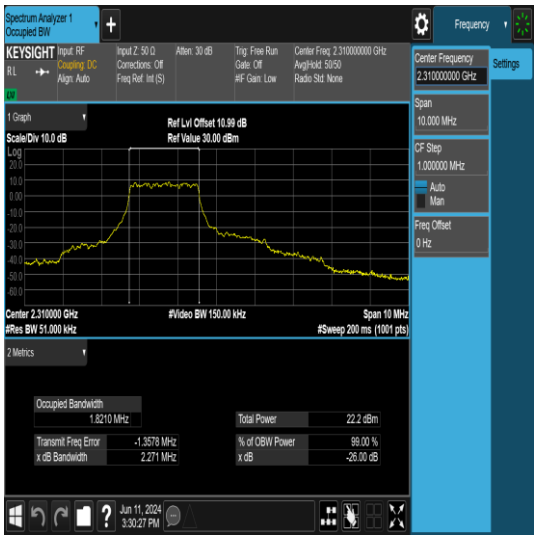	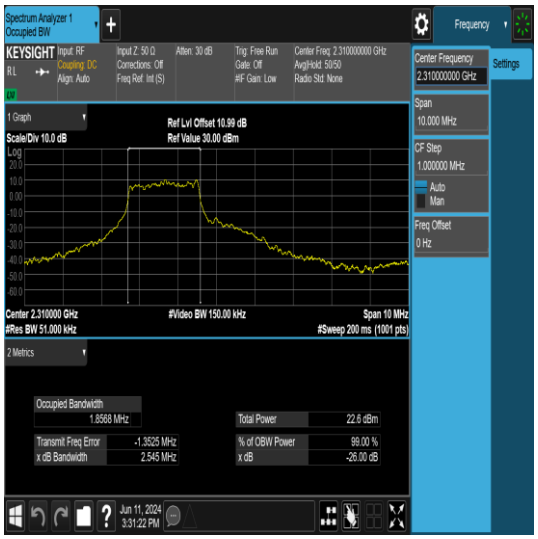
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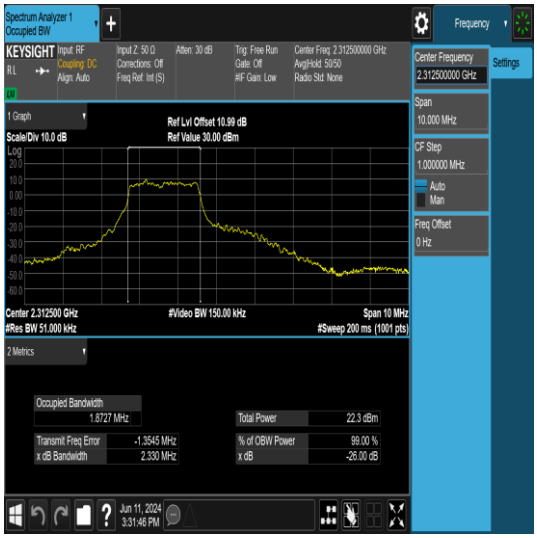

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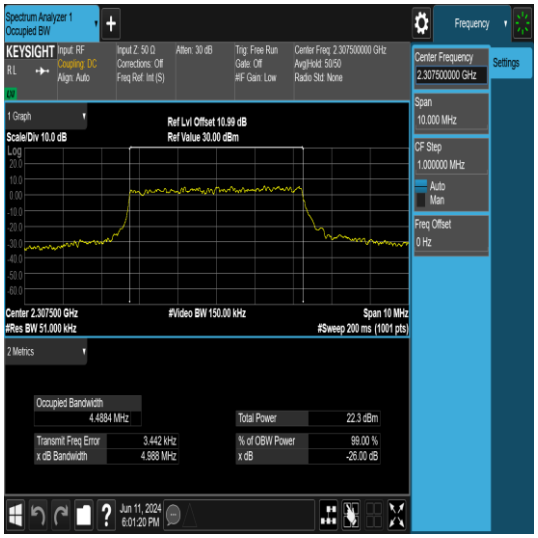

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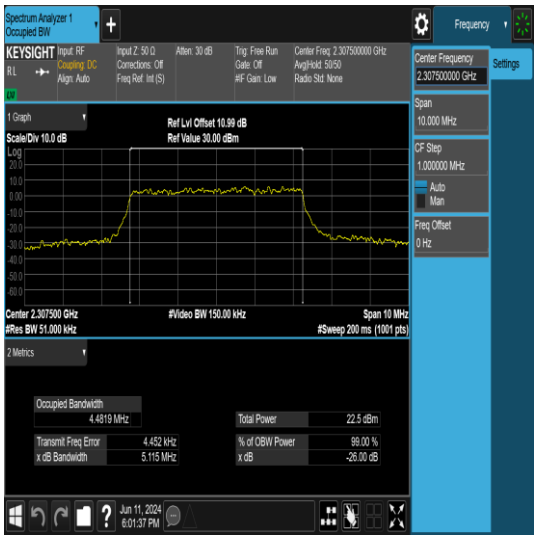

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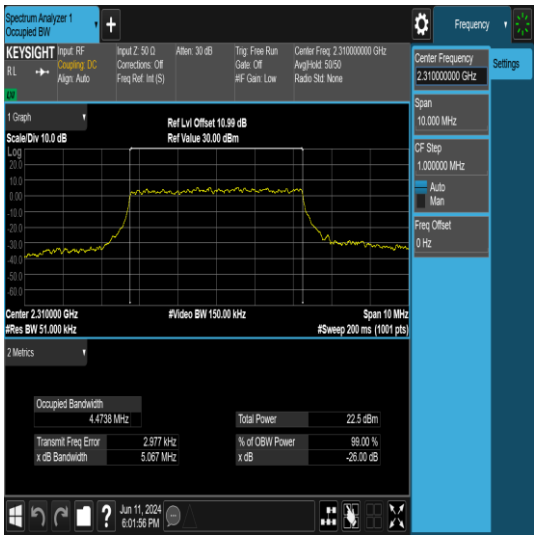

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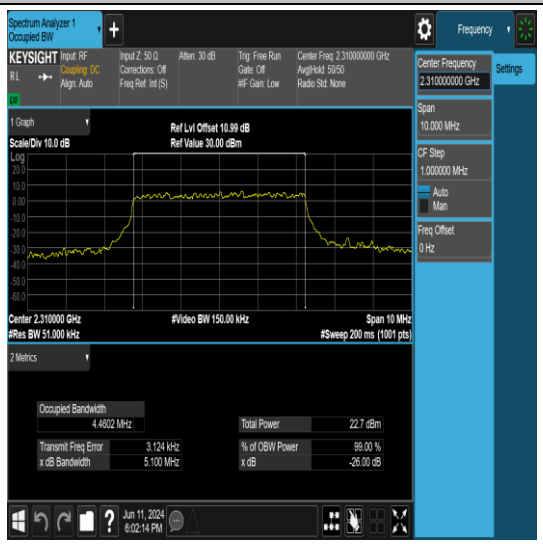

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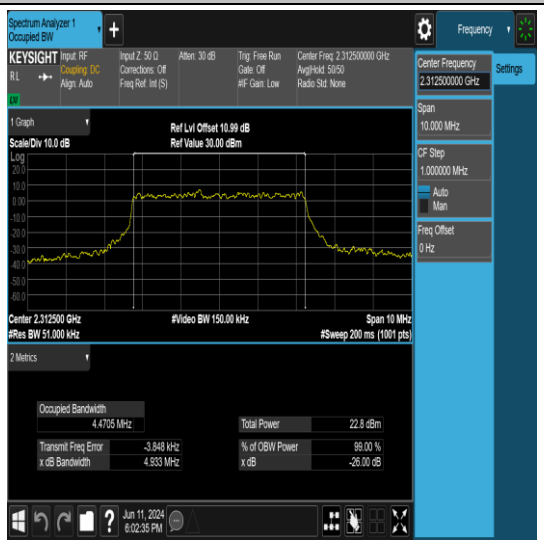

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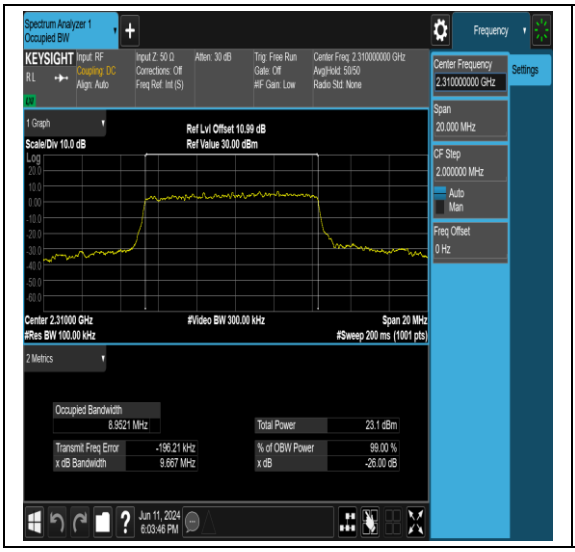
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Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 30 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 2.310000000 GHz
Avg|Hold: 50/50
Radio Std: None
Frequency
Center Frequency
2.310000000 GHz
Settings
Span
20.000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Ref Lvl Offset 10.99 dB
Ref Value 30.00 dBm
Scale/Div 10.0 dB
Log
Center 2.31000 GHz
#Res BW 100.00 kHz
#Video BW 300.00 kHz
Span 20 MHz
#Sweep 200 ms (1001 pts)
2 Metrics
Occupied Bandwidth
8.9521 MHz
Total Power
23.1 dBm
Transmit Freq Error
-196.21 kHz
x dB Bandwidth
9.667 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
Jun 11, 2024
6:03:46 PM

Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
Atten: 30 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 2.310000000 GHz
Avg|Hold: 50/50
Radio Std: None
Frequency
Center Frequency
2.310000000 GHz
Settings
Span
20.000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
1 Graph
Ref Lvl Offset 10.99 dB
Ref Value 30.00 dBm
Scale/Div 10.0 dB
Log
Center 2.31000 GHz
#Res BW 100.00 kHz
#Video BW 300.00 kHz
Span 20 MHz
#Sweep 200 ms (1001 pts)
2 Metrics
Occupied Bandwidth
8.9449 MHz
Total Power
23.2 dBm
Transmit Freq Error
-183.62 kHz
x dB Bandwidth
9.624 MHz
% of OBW Power
99.00 %
x dB
-26.00 dB
Jun 11, 2024
6:04:04 PM

Appendix D: Band Edge for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Margin	Verdict
N30	15	5	DFT-QPSK	L	Outer_Full	-53.46	16.46	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	-53.45	16.45	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	-53.47	16.47	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	-53.47	16.47	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	-49.98	12.98	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Left	-53.42	16.42	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	-49.76	12.76	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	-53.41	16.41	PASS

Test Graphs

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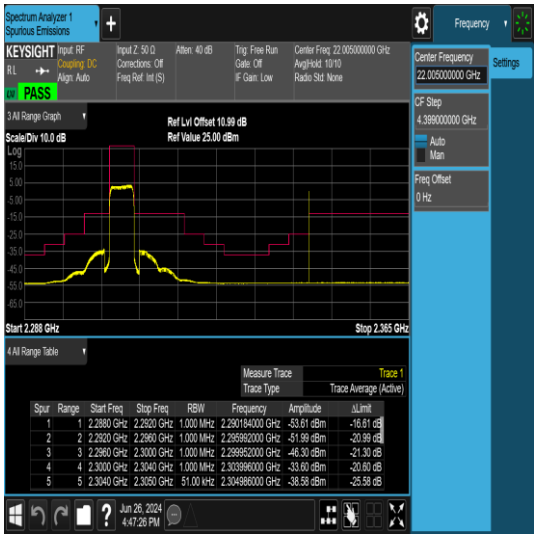	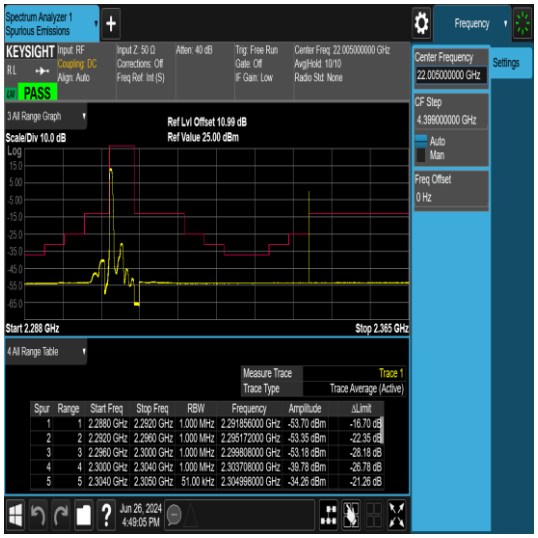
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	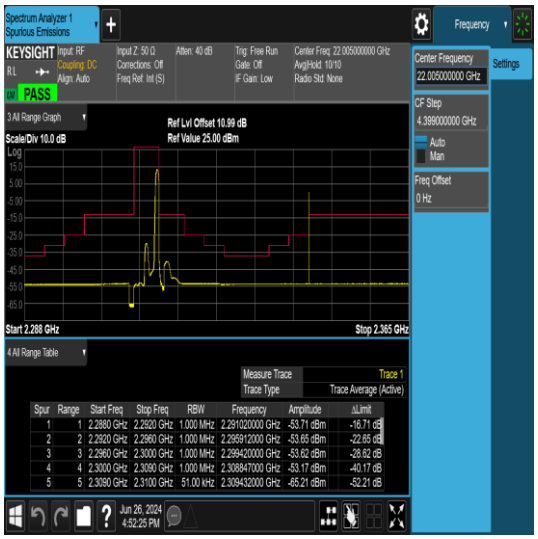
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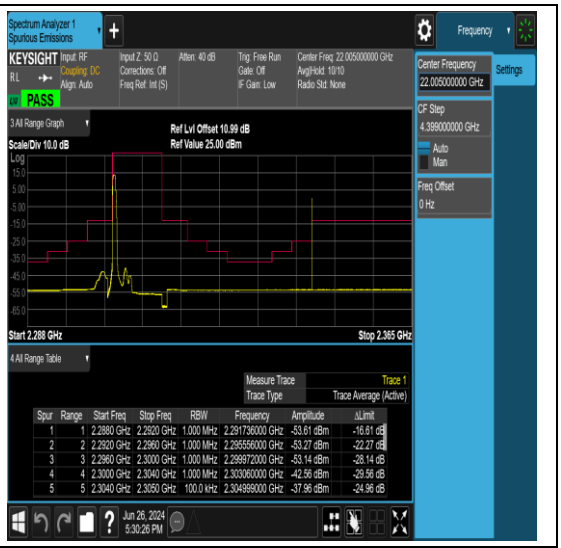
NTNV_N30_PC3_15_10_H_TID9__#1



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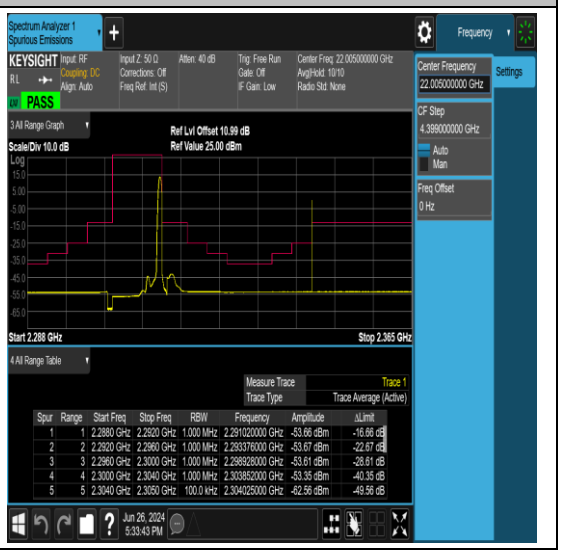


Appendix E: Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N30	15	5	DFT-QPSK	L	Outer_Full	0.009	0.15	-72.95	-70	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	0.15	30	-74.91	-60	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	30	1000	-72.30	-50	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	1000	3000	-57.67	-40	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	3000	12000	-53.66	-40	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	12000	20000	-55.27	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-72.25	-70	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-73.66	-60	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-72.30	-50	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-57.68	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-53.64	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-55.44	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-79.32	-70	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-72.17	-60	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	30	1000	-72.19	-50	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-57.67	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-53.58	-40	PASS
N30	15	5	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-55.42	-40	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	0.009	0.15	-72.87	-70	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	0.15	30	-73.15	-60	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	30	1000	-62.30	-50	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	1000	3000	-57.66	-40	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	3000	12000	-53.65	-40	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	12000	20000	-55.29	-40	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-76.47	-70	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-72.99	-60	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	30	1000	-62.32	-50	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-57.65	-40	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-53.57	-40	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Left	12000	20000	-55.43	-40	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-76.16	-70	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-72.91	-60	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Right	30	1000	-62.30	-50	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-57.60	-40	PASS
N30	15	5	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-41.74	-40	PASS

N30	15	5	DFT-16QAM	L	Edge_1RB_Right	12000	20000	-55.33	-40	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	0.009	0.15	-82.32	-70	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	0.15	30	-72.16	-60	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	30	1000	-62.37	-50	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	1000	3000	-57.63	-40	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	3000	12000	-53.69	-40	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	12000	20000	-55.38	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-75.86	-70	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-73.72	-60	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-62.20	-50	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-57.63	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-53.66	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-55.40	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-75.57	-70	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-73.31	-60	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	30	1000	-62.29	-50	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-57.61	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-53.32	-40	PASS
N30	15	5	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-55.35	-40	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	0.009	0.15	-82.08	-70	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	0.15	30	-72.00	-60	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	30	1000	-62.11	-50	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	1000	3000	-57.55	-40	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	3000	12000	-53.65	-40	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	12000	20000	-55.40	-40	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-74.23	-70	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-73.91	-60	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	30	1000	-62.33	-50	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-57.63	-40	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-53.68	-40	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Left	12000	20000	-55.20	-40	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-74.24	-70	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-70.88	-60	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	30	1000	-62.25	-50	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-57.63	-40	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-53.49	-40	PASS
N30	15	5	DFT-16QAM	M	Edge_1RB_Right	12000	20000	-55.41	-40	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	0.009	0.15	-81.73	-70	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	0.15	30	-72.62	-60	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	30	1000	-62.09	-50	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	1000	3000	-57.57	-40	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	3000	12000	-53.64	-40	PASS

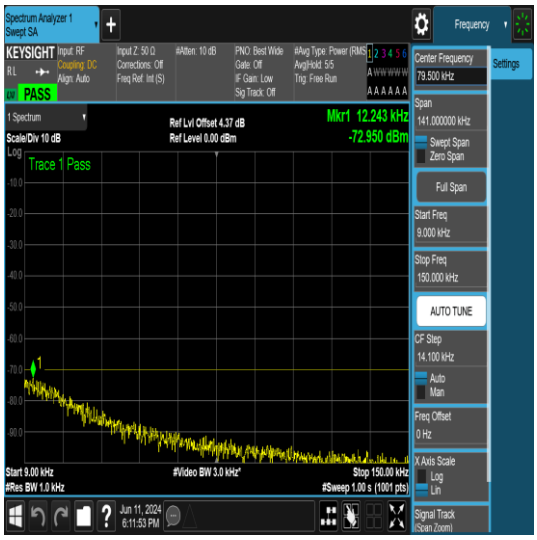
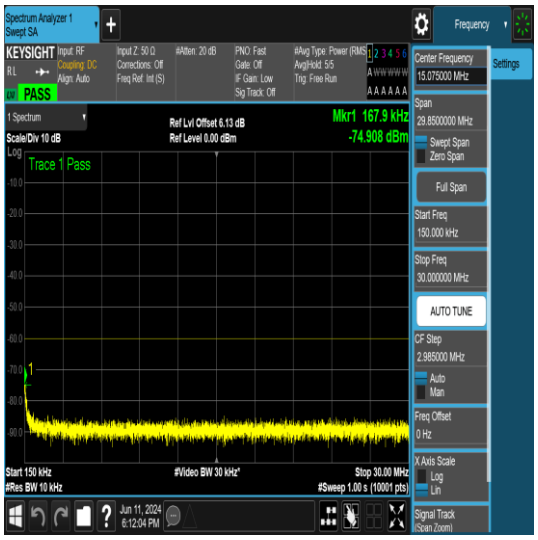
N30	15	5	DFT-QPSK	H	Outer_Full	12000	20000	-55.44	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-76.61	-70	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-72.54	-60	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-62.33	-50	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-57.56	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-53.55	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-55.42	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-77.17	-70	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-72.85	-60	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	30	1000	-62.28	-50	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-57.60	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-53.53	-40	PASS
N30	15	5	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-55.37	-40	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	0.009	0.15	-83.22	-70	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	0.15	30	-71.65	-60	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	30	1000	-62.30	-50	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	1000	3000	-57.67	-40	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	3000	12000	-53.60	-40	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	12000	20000	-55.33	-40	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-75.79	-70	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-71.98	-60	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	30	1000	-62.39	-50	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-57.64	-40	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-53.57	-40	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Left	12000	20000	-55.38	-40	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-76.12	-70	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-73.45	-60	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	30	1000	-62.15	-50	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-57.57	-40	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-53.60	-40	PASS
N30	15	5	DFT-16QAM	H	Edge_1RB_Right	12000	20000	-55.47	-40	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	0.009	0.15	-80.77	-70	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	0.15	30	-82.30	-60	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	30	1000	-72.54	-50	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	1000	3000	-43.33	-40	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	3000	12000	-53.64	-40	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	12000	20000	-55.40	-40	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-73.58	-70	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-72.85	-60	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-62.47	-50	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-47.73	-40	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-53.62	-40	PASS

N30	15	10	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-55.34	-40	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-71.94	-70	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-72.08	-60	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Right	30	1000	-62.07	-50	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-46.12	-40	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-53.69	-40	PASS
N30	15	10	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-55.38	-40	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	0.009	0.15	-72.36	-70	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	0.15	30	-73.49	-60	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	30	1000	-62.16	-50	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	1000	3000	-57.76	-40	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	3000	12000	-53.70	-40	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	12000	20000	-55.32	-40	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-72.74	-70	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-71.05	-60	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Left	30	1000	-62.41	-50	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-49.17	-40	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-53.64	-40	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Left	12000	20000	-55.27	-40	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-72.47	-70	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-72.38	-60	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Right	30	1000	-62.36	-50	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-57.79	-40	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-53.65	-40	PASS
N30	15	10	DFT-16QAM	L	Edge_1RB_Right	12000	20000	-55.42	-40	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	0.009	0.15	-72.97	-70	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	0.15	30	-72.41	-60	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	30	1000	-61.83	-50	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	1000	3000	-41.37	-40	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	3000	12000	-53.59	-40	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	12000	20000	-55.41	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-72.96	-70	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-72.36	-60	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-62.29	-50	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-46.09	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-45.72	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-55.33	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-72.50	-70	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-71.11	-60	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	30	1000	-62.28	-50	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-57.67	-40	PASS
N30	15	10	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-53.53	-40	PASS

N30	15	10	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-55.33	-40	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	0.009	0.15	-72.60	-70	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	0.15	30	-72.37	-60	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	30	1000	-62.49	-50	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	1000	3000	-57.37	-40	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	3000	12000	-53.64	-40	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	12000	20000	-55.38	-40	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-72.78	-70	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-72.01	-60	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	30	1000	-62.09	-50	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-48.45	-40	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-53.72	-40	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Left	12000	20000	-55.30	-40	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-72.44	-70	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-73.79	-60	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	30	1000	-62.45	-50	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-43.84	-40	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-53.63	-40	PASS
N30	15	10	DFT-16QAM	M	Edge_1RB_Right	12000	20000	-55.28	-40	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	0.009	0.15	-72.94	-70	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	0.15	30	-74.07	-60	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	30	1000	-62.15	-50	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	1000	3000	-57.81	-40	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	3000	12000	-53.47	-40	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	12000	20000	-55.30	-40	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-72.04	-70	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-71.29	-60	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-62.37	-50	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-40.87	-40	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-42.71	-40	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-55.35	-40	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-72.43	-70	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-72.45	-60	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	30	1000	-62.25	-50	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-46.48	-40	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-53.63	-40	PASS
N30	15	10	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-55.38	-40	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	0.009	0.15	-72.51	-70	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	0.15	30	-71.31	-60	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	30	1000	-62.49	-50	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	1000	3000	-57.49	-40	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	3000	12000	-53.72	-40	PASS

N30	15	10	DFT-16QAM	H	Outer_Full	12000	20000	-55.32	-40	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-72.42	-70	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-72.23	-60	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Left	30	1000	-62.37	-50	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-57.74	-40	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-53.41	-40	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Left	12000	20000	-55.42	-40	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-71.59	-70	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-69.81	-60	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Right	30	1000	-62.28	-50	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-52.83	-40	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-53.40	-40	PASS
N30	15	10	DFT-16QAM	H	Edge_1RB_Right	12000	20000	-55.22	-40	PASS

Test Graphs

NTNV_N30_PC3_15_5_L_TID18_NS_01_0.009_0.15_#1	NTNV_N30_PC3_15_5_L_TID18_NS_01_0.15_30_#1
	
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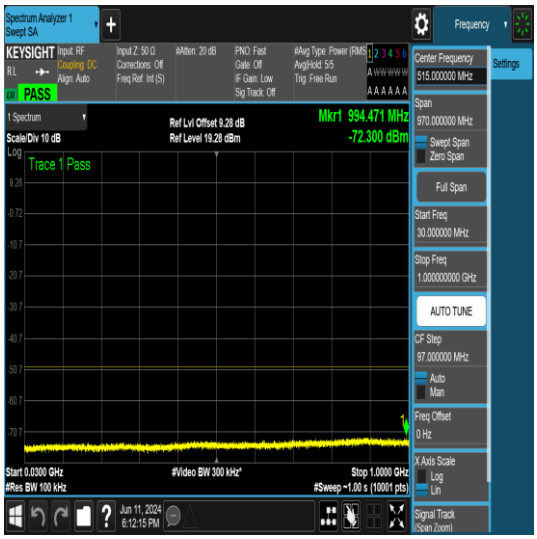	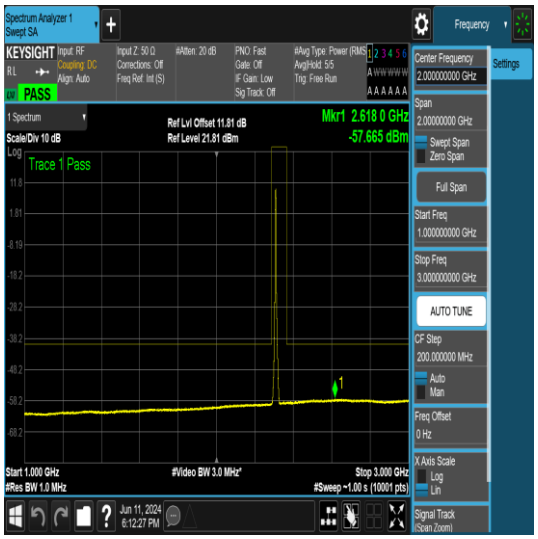
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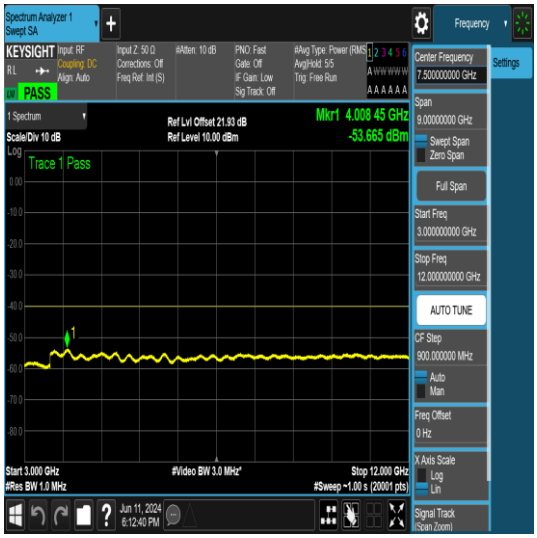

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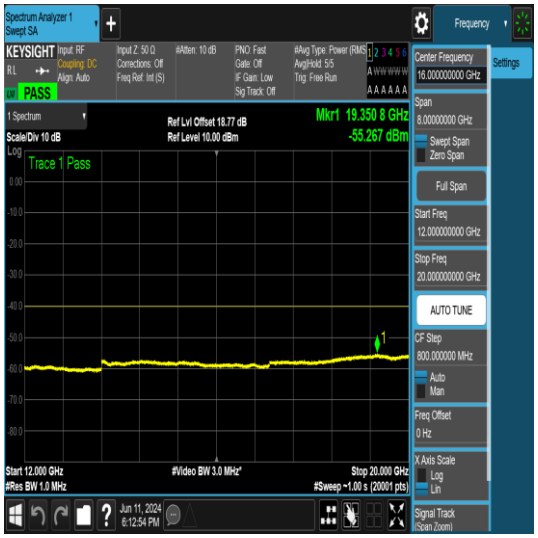

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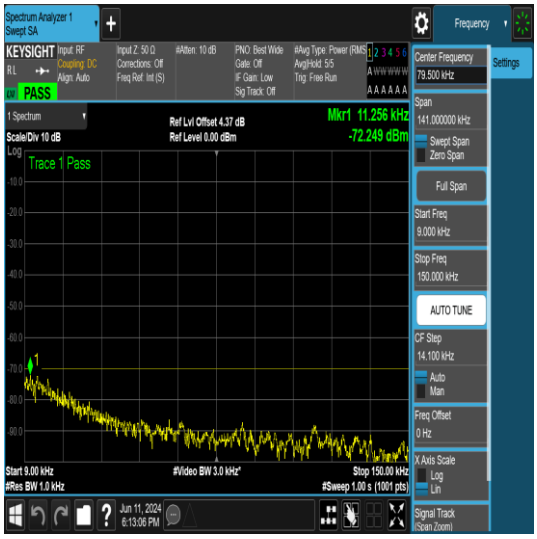

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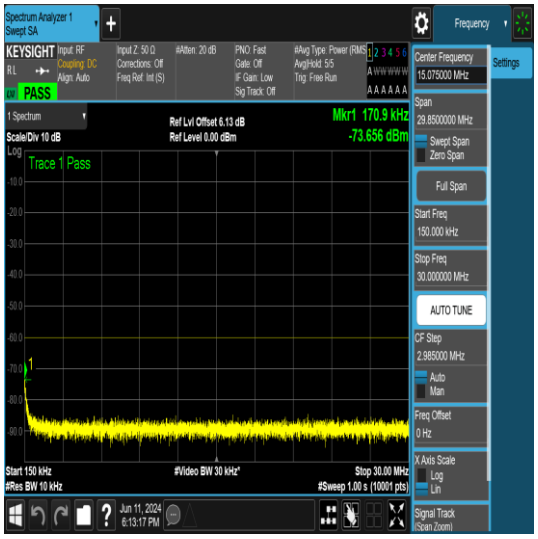

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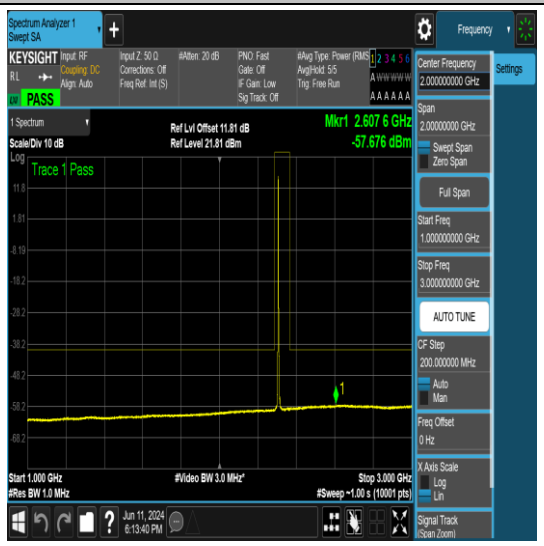

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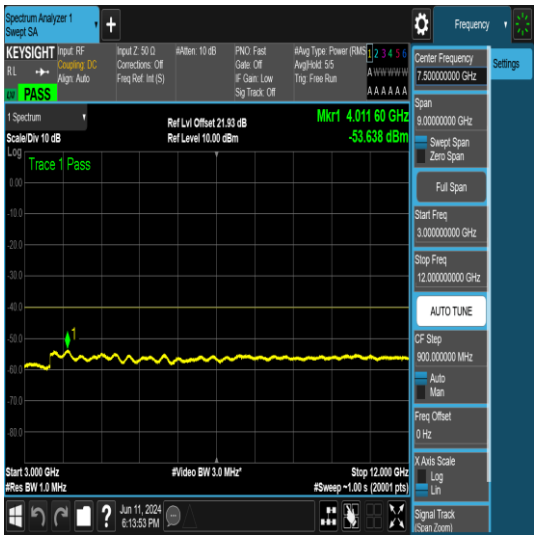	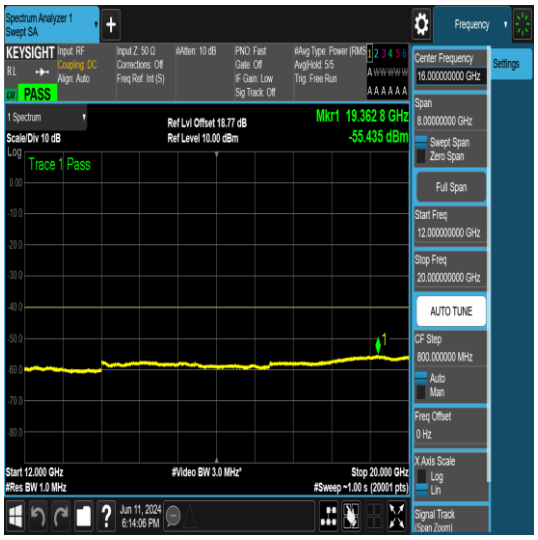
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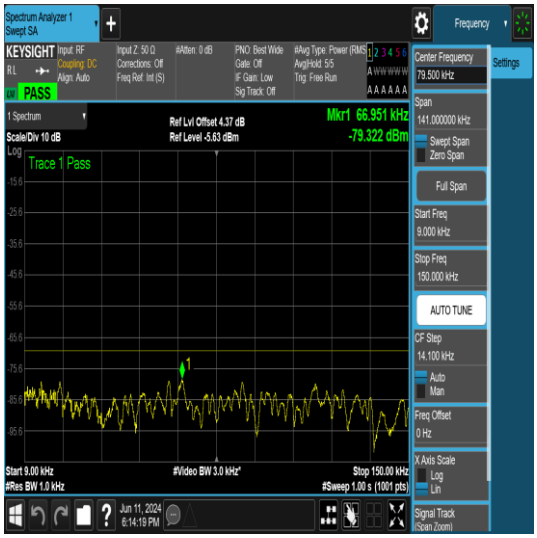	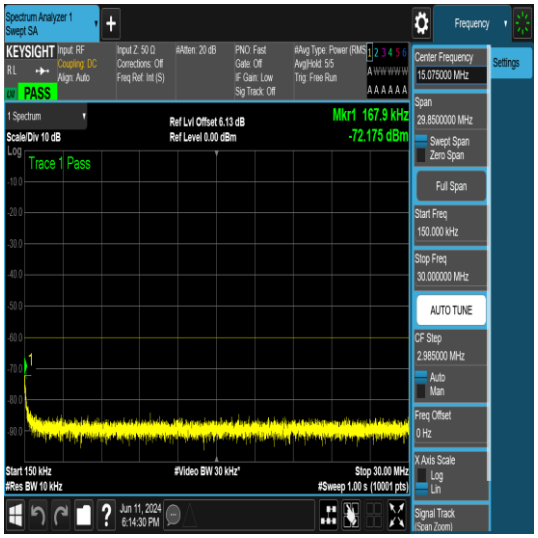
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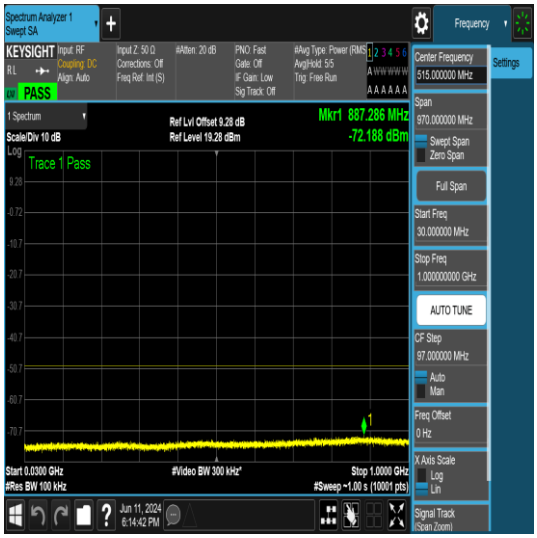

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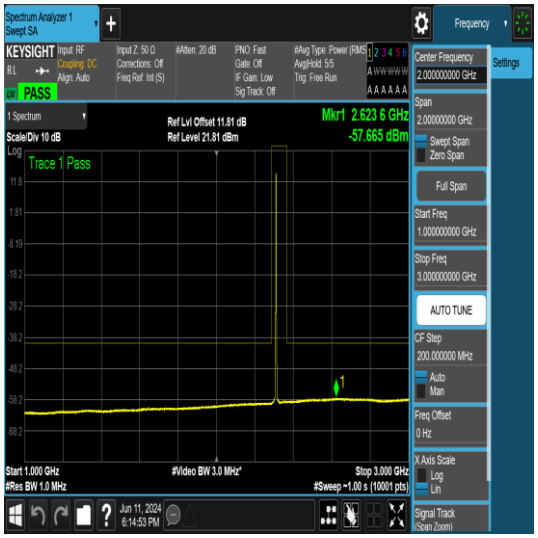

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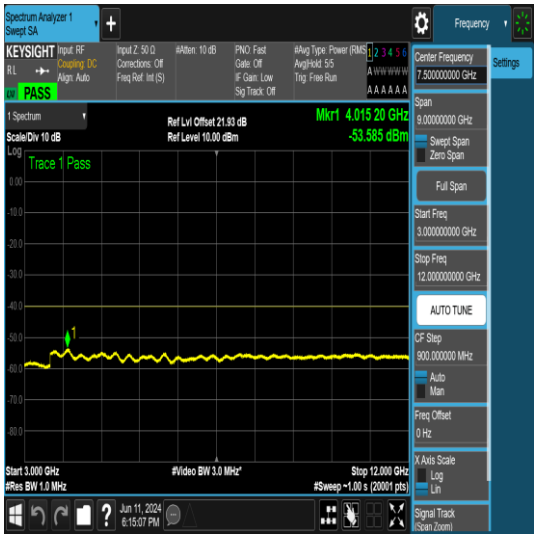

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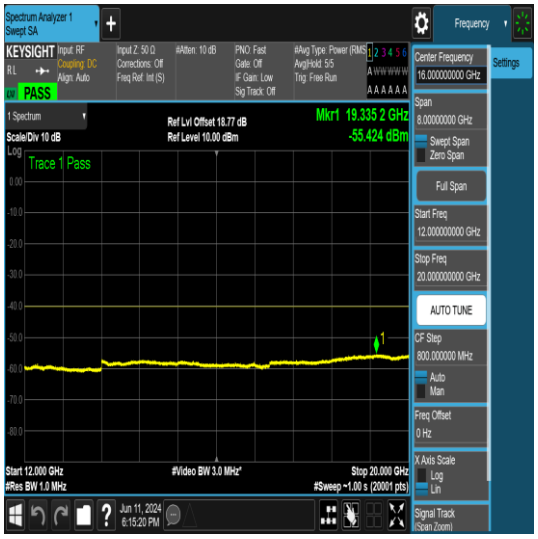

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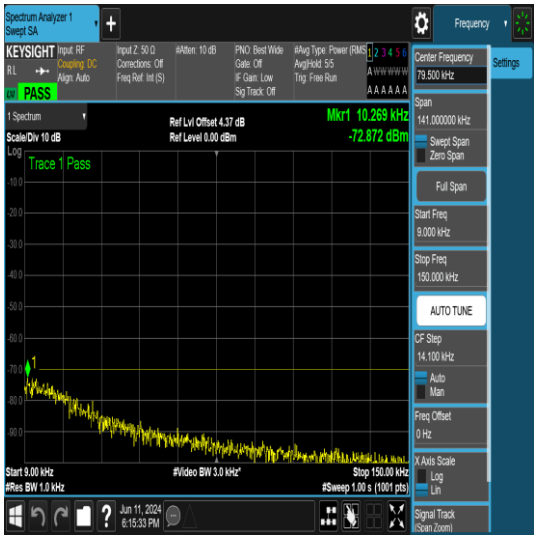

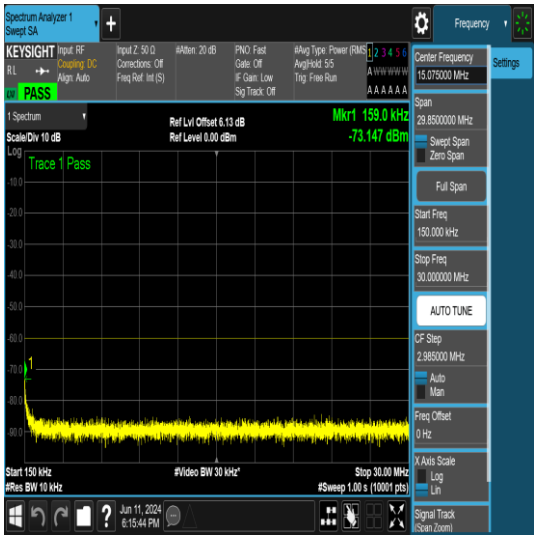

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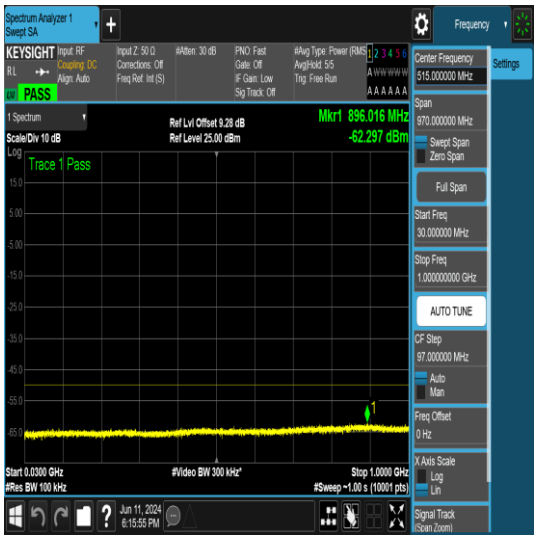	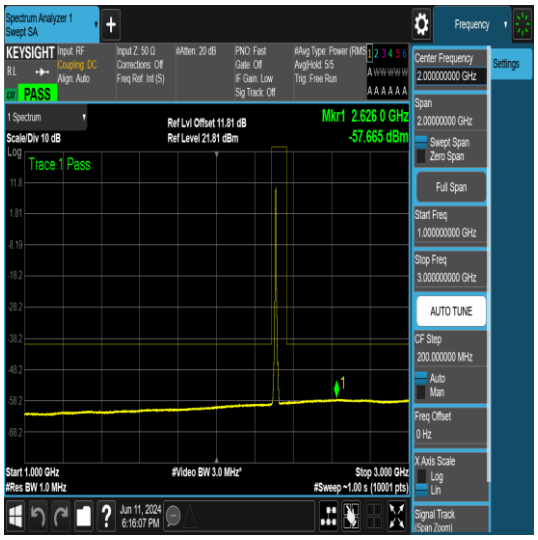
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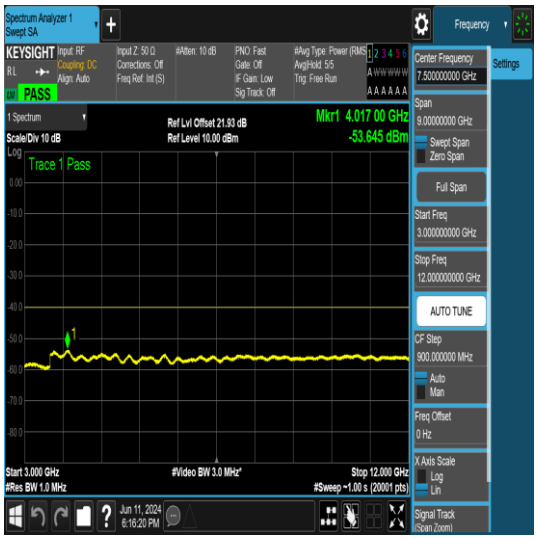	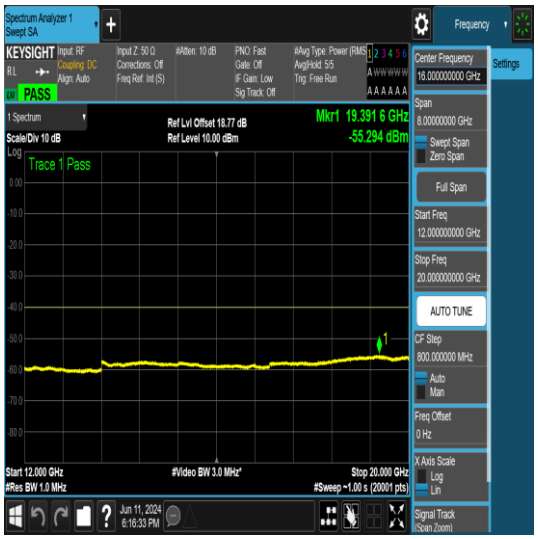
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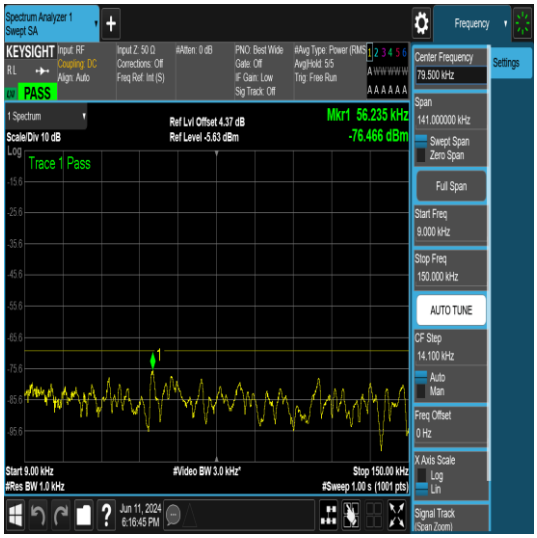

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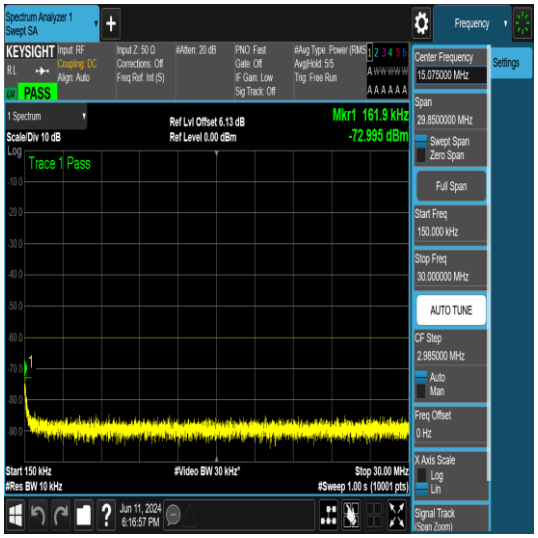

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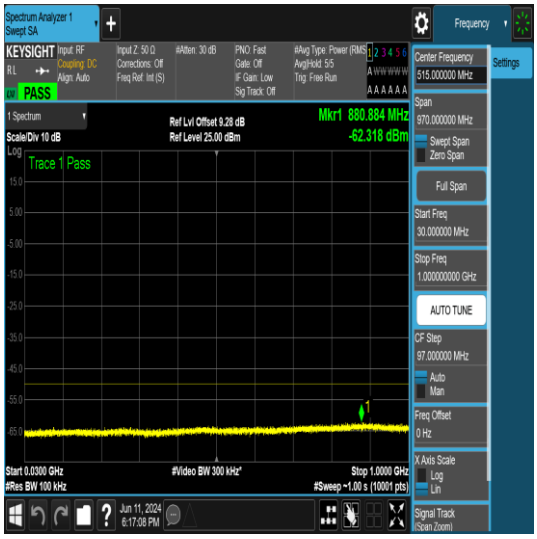

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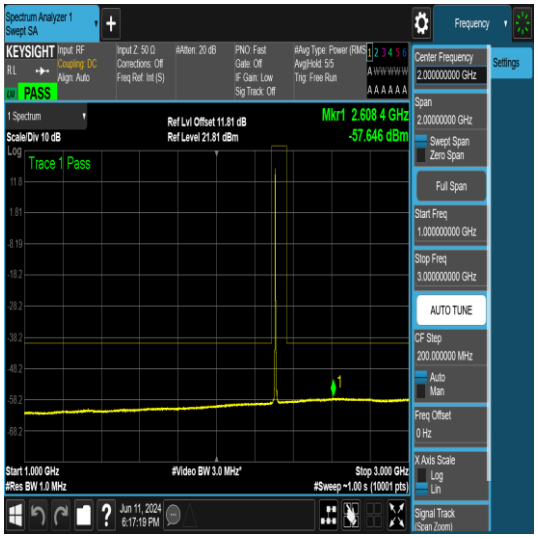

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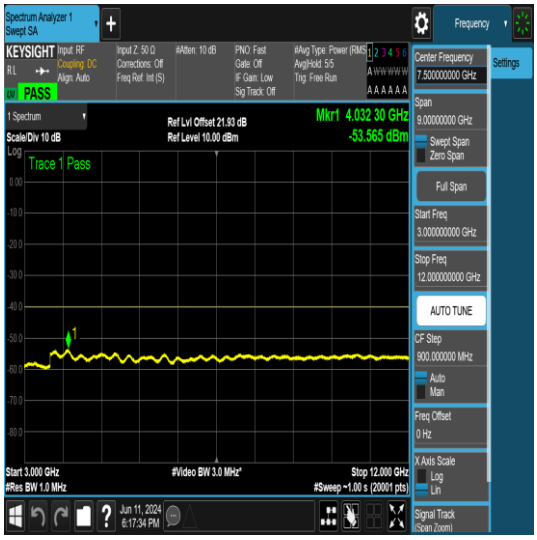

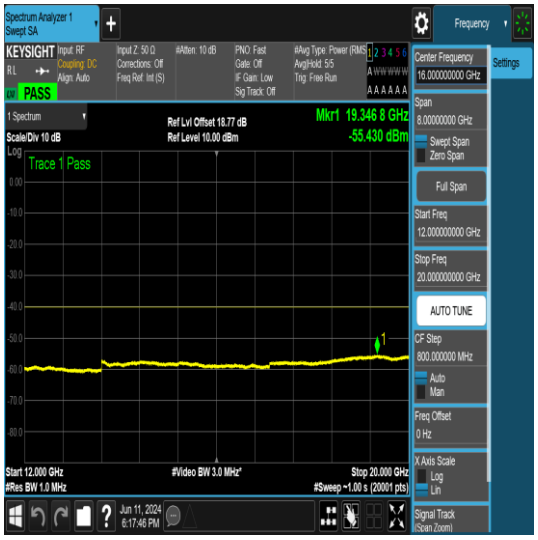

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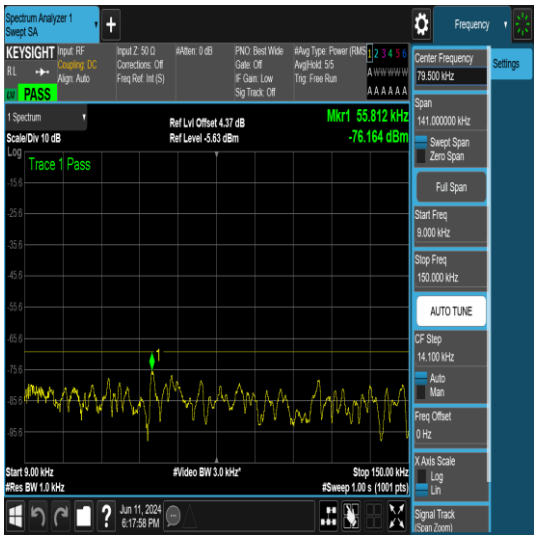	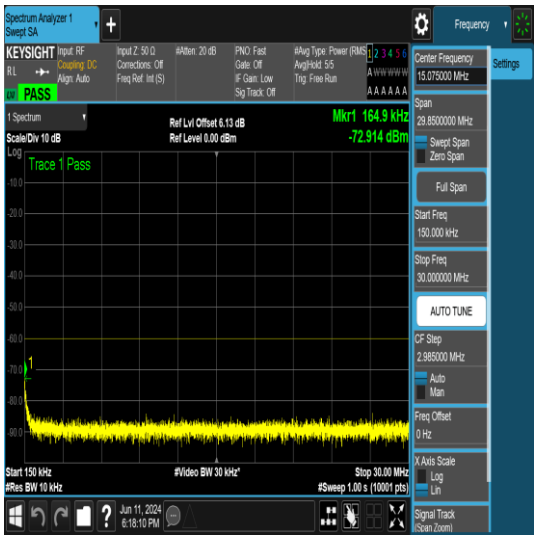
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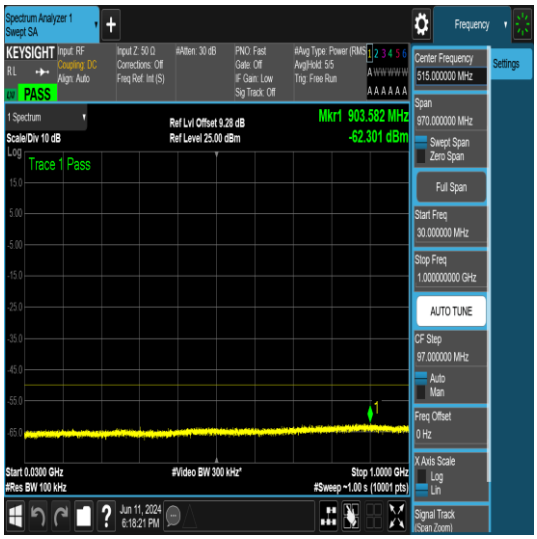	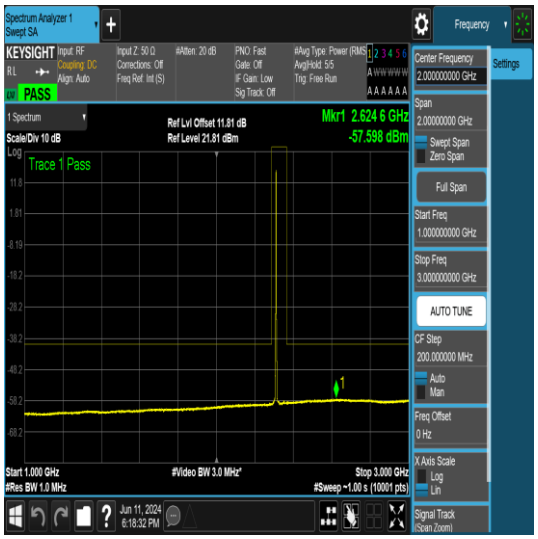
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