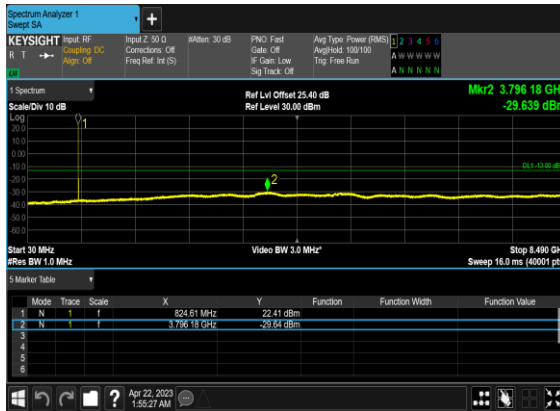
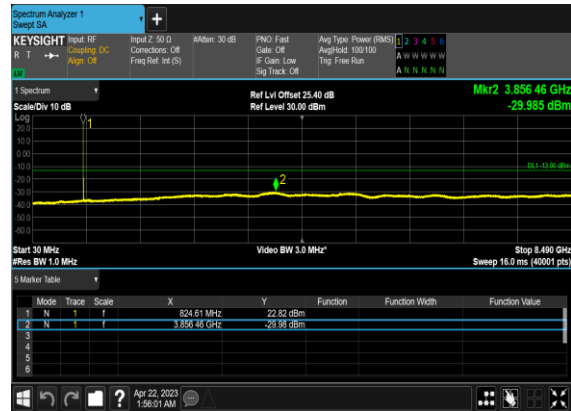


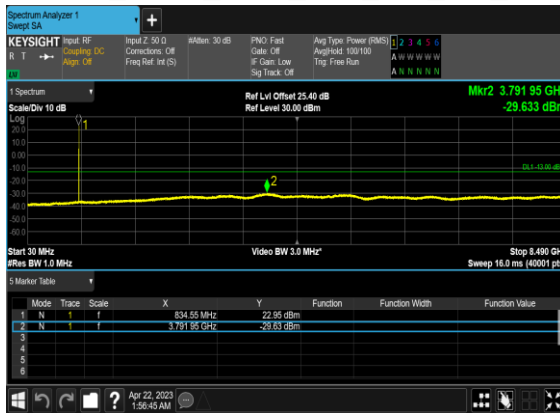
N26(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



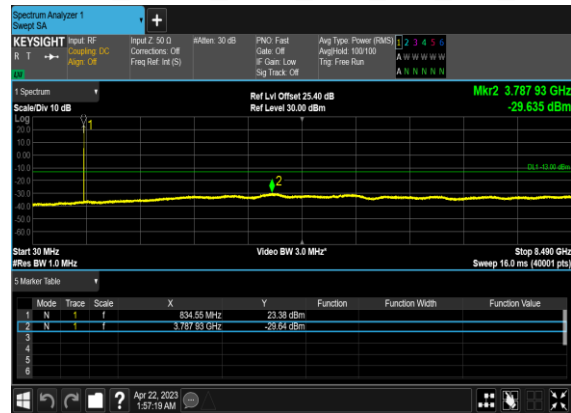
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



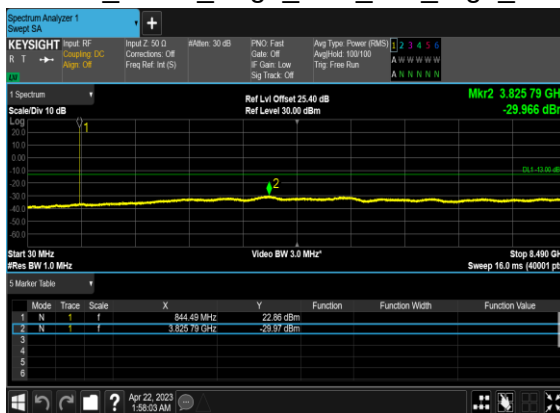
N26(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



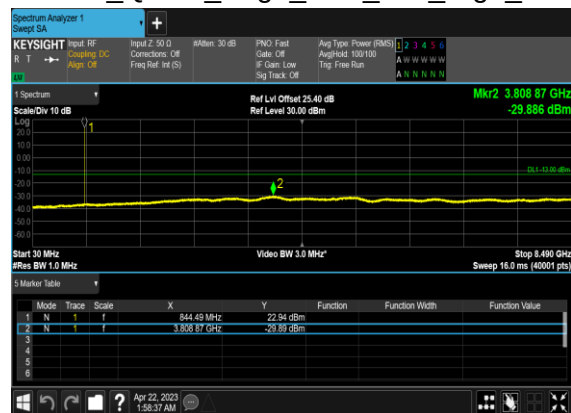
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



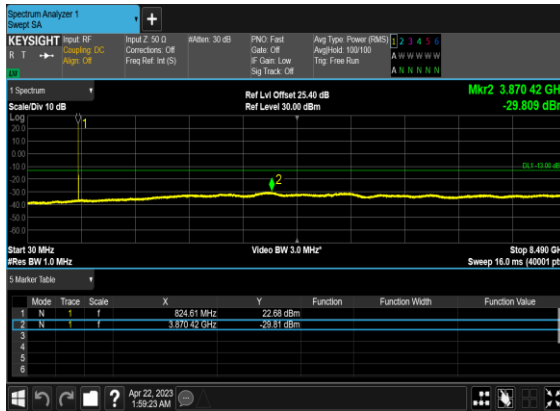
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OFDM_BPSK_Edge_1RB_Left_High_CH



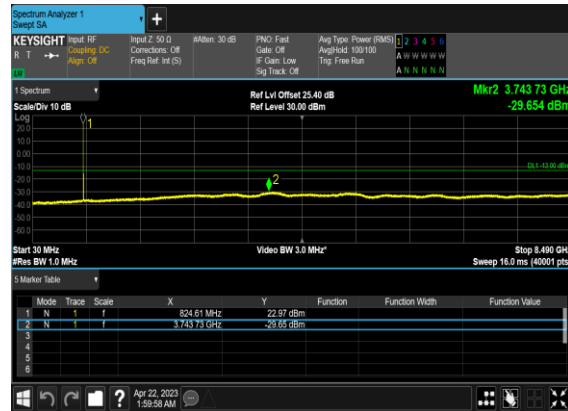
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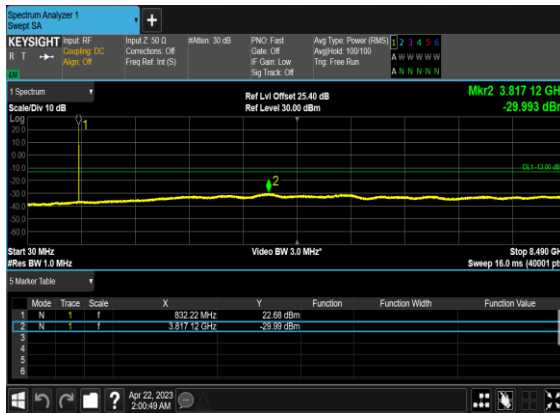
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OFDM_BPSK_Edge_1RB_Left_Low_CH



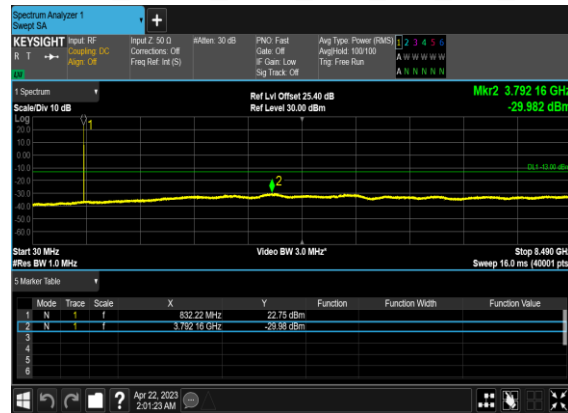
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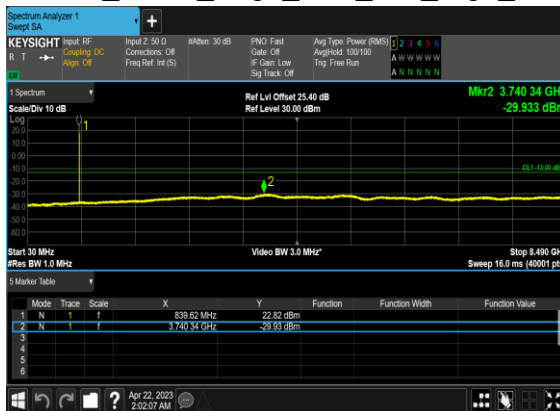
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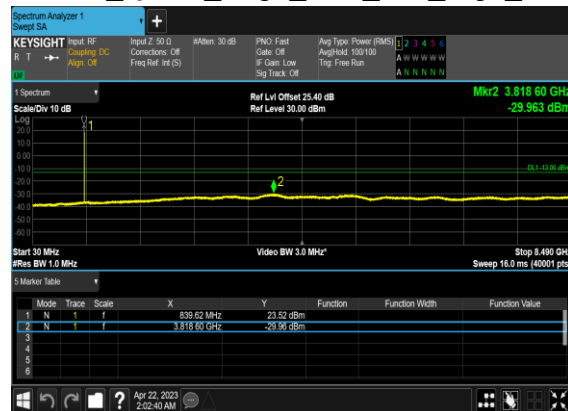
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



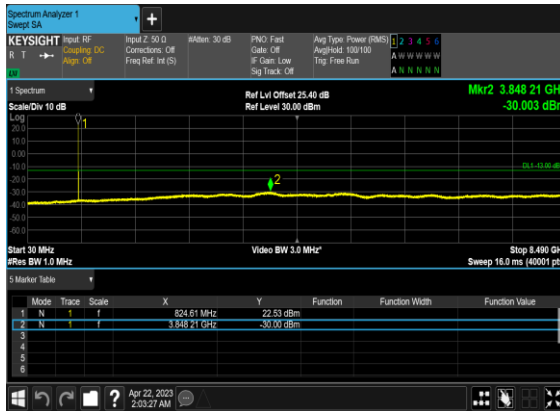
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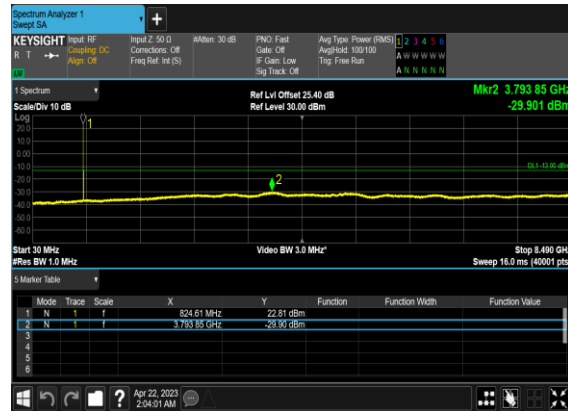
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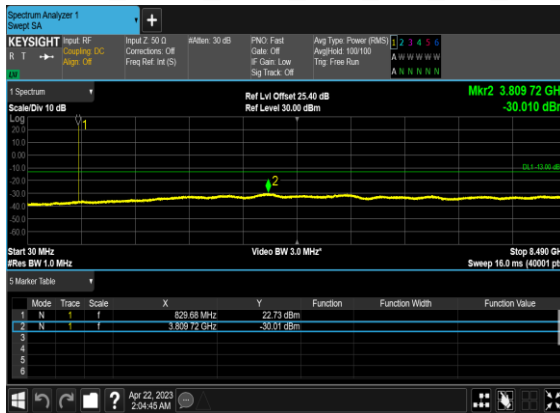
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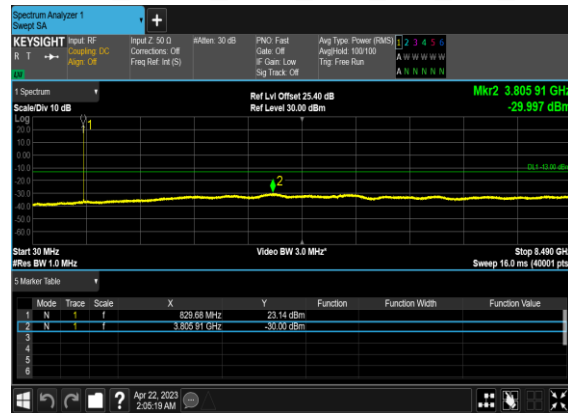
N26(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_Low_CH



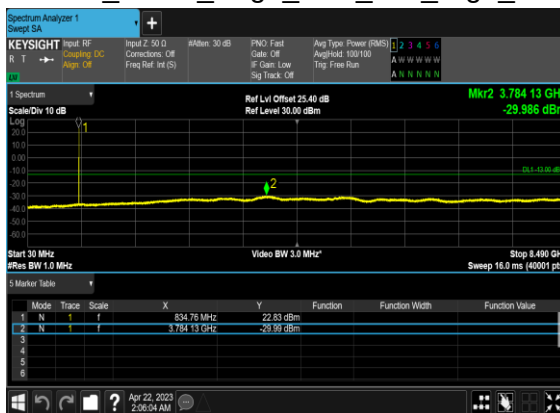
N26(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_Mid_CH



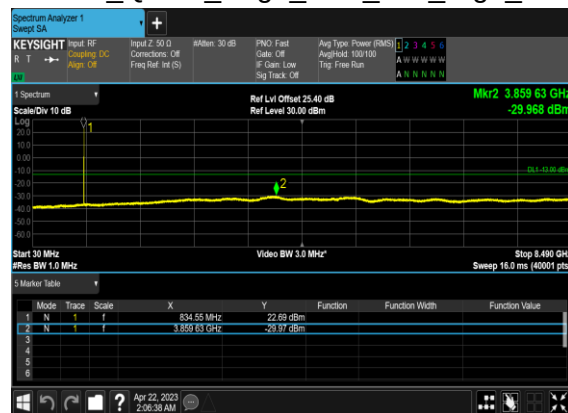
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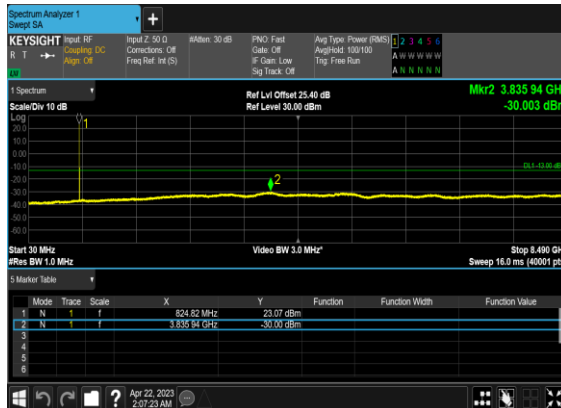
N26(15M)_DFT-s- OFDM_BPSK_Edge_1RB_Left_High_CH



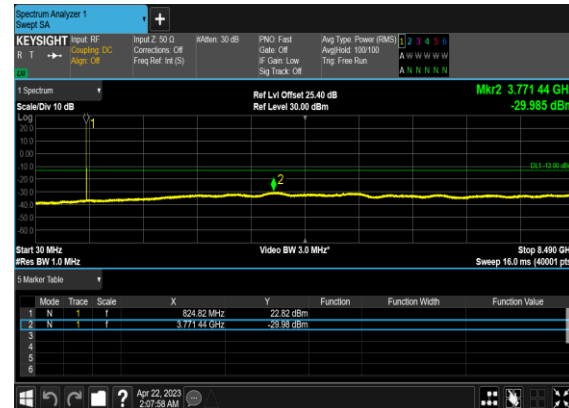
N26(15M)_DFT-s- OFDM_QPSK_Edge_1RB_Left_High_CH



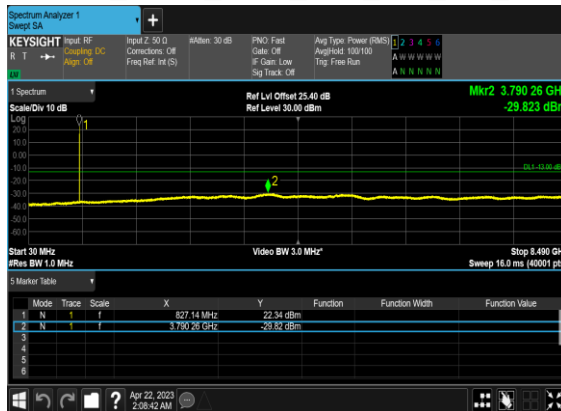
N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



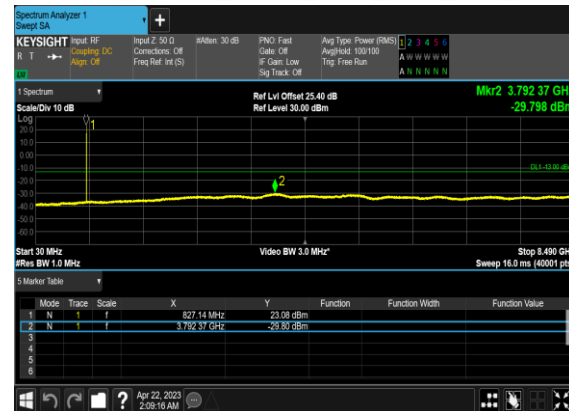
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



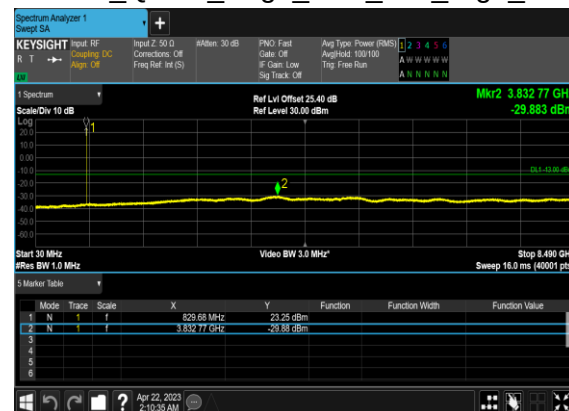
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



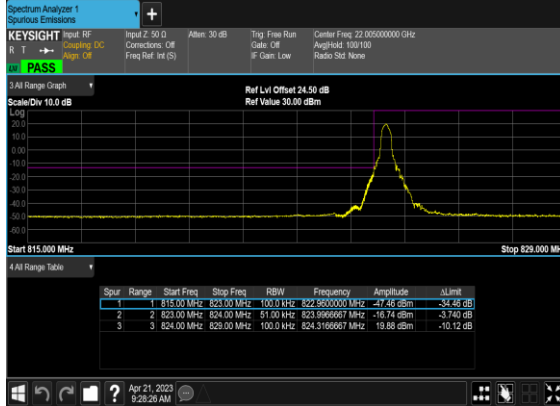
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



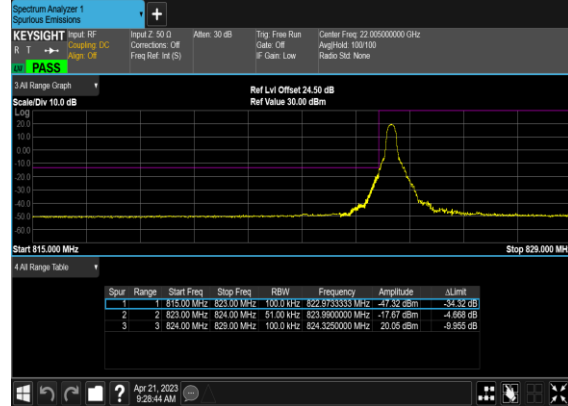
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
26	15	5	165300	826.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	165300	826.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
26	15	5	169300	846.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
26	15	15	166300	831.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	15	166300	831.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	15	166300	831.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
26	15	15	166300	831.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
26	15	15	168300	841.5	DFT-s-OFDM BPSK	1@78	see graph	PASS
26	15	15	168300	841.5	DFT-s-OFDM QPSK	1@78	see graph	PASS
26	15	15	168300	841.5	DFT-s-OFDM BPSK	75@0	see graph	PASS
26	15	15	168300	841.5	DFT-s-OFDM QPSK	75@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	166800	834.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
26	15	20	167800	839.0	DFT-s-OFDM QPSK	100@0	see graph	PASS

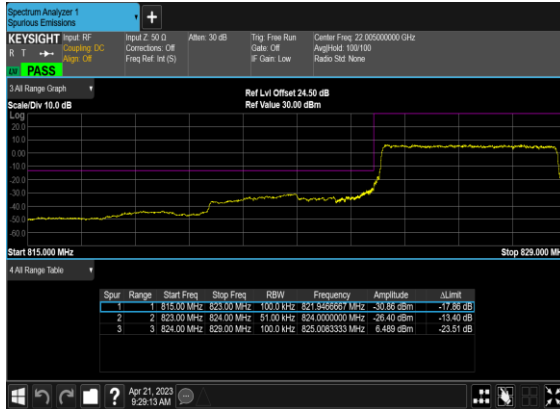
N26(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



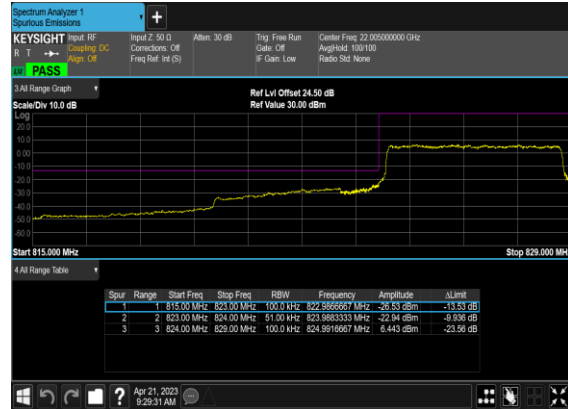
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



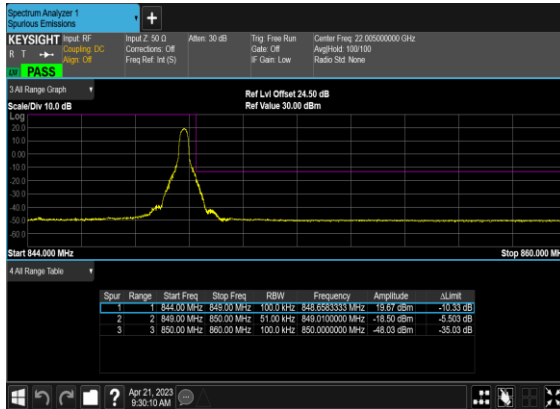
N26(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



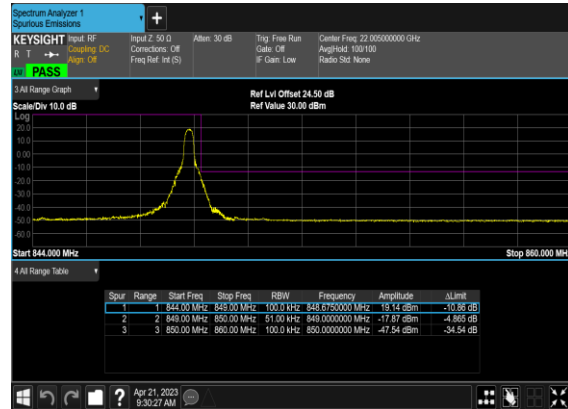
N26(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



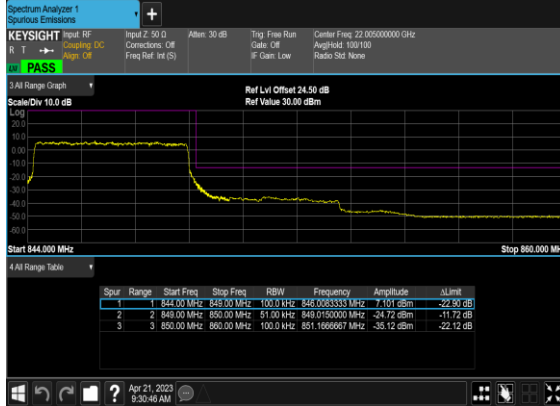
N26(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



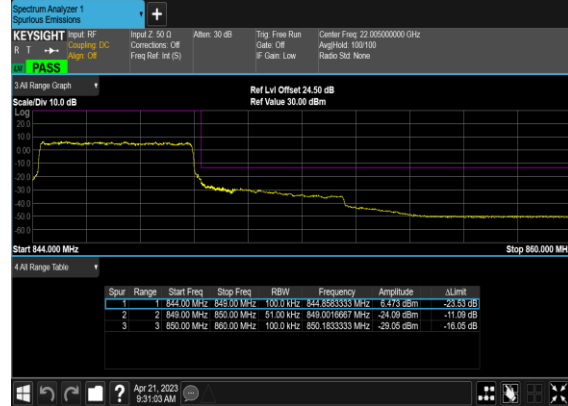
N26(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



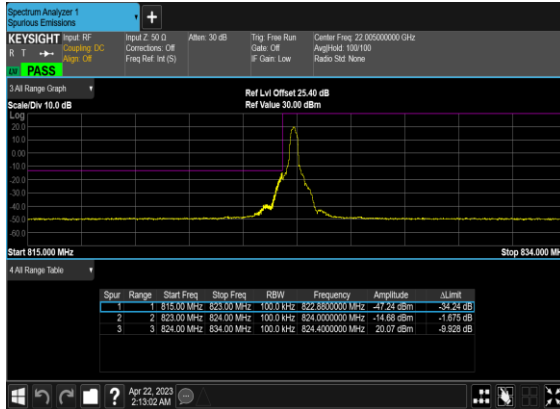
N26(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



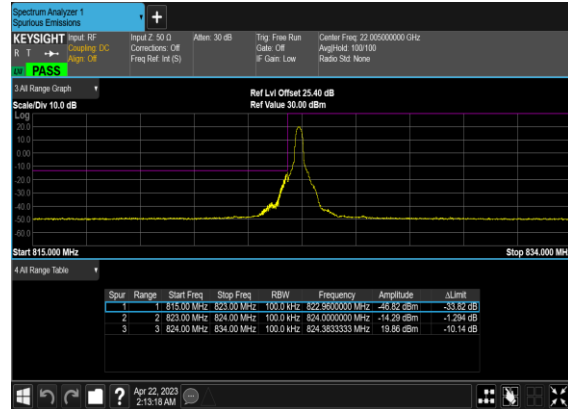
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OFDM_QPSK_Outer_Full_High_CH



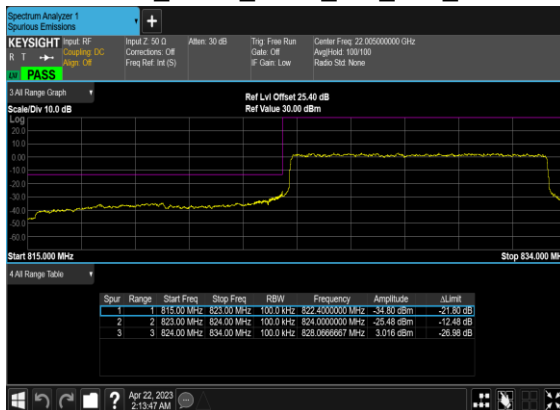
N26(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



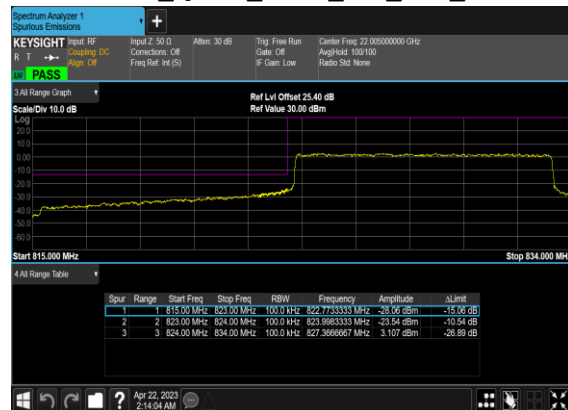
N26(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



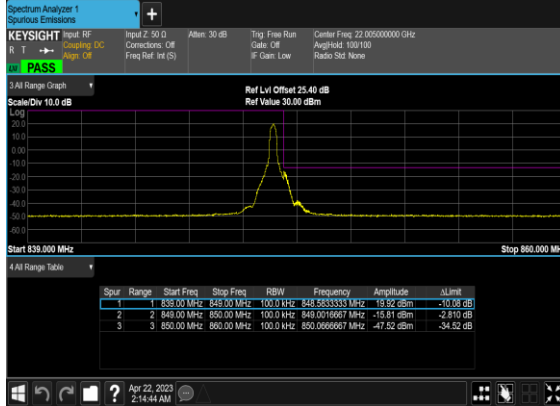
N26(10M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



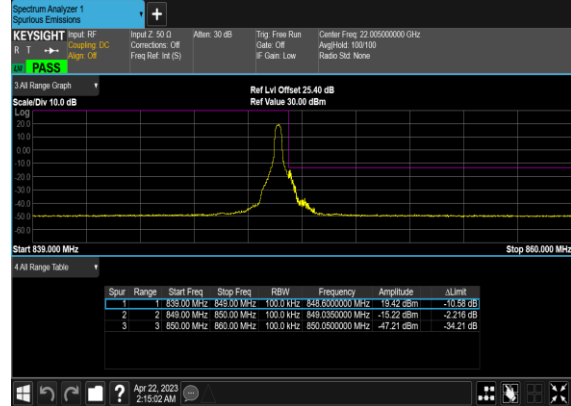
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OFDM_QPSK_Outer_Full_Low_CH



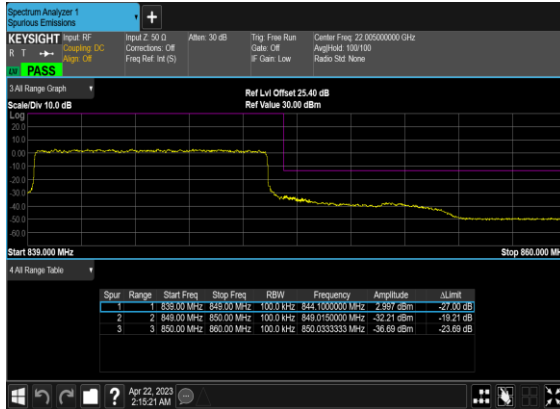
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OFDM_BPSK_Edge_1RB_Right_High_CH



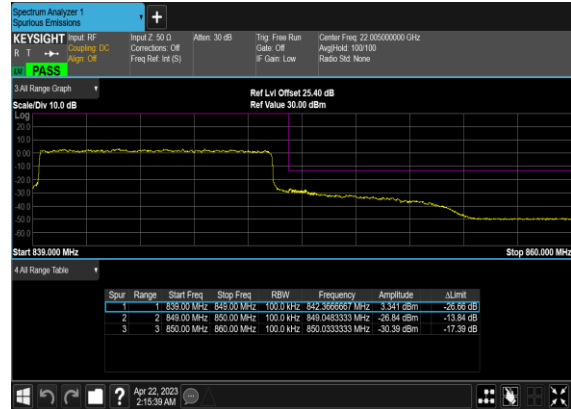
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OFDM_QPSK_Edge_1RB_Right_High_CH



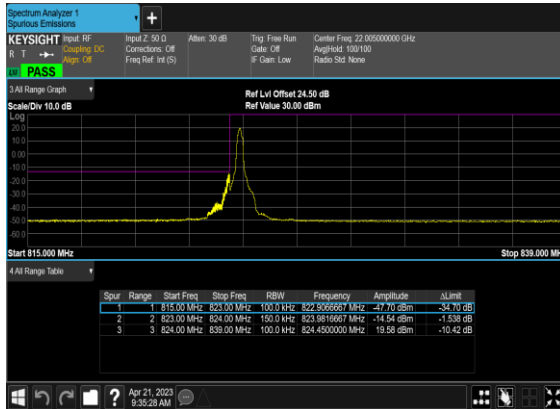
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OFDM_BPSK_Outer_Full_High_CH



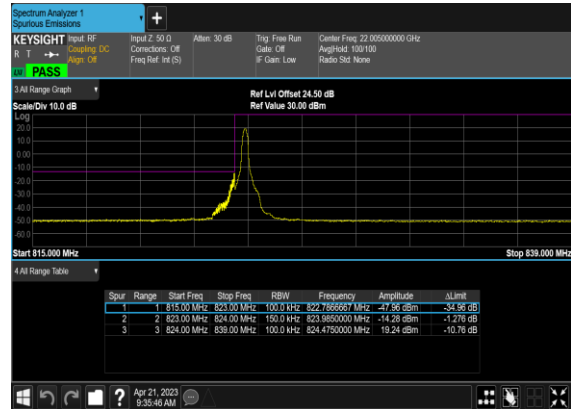
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OFDM_QPSK_Outer_Full_High_CH



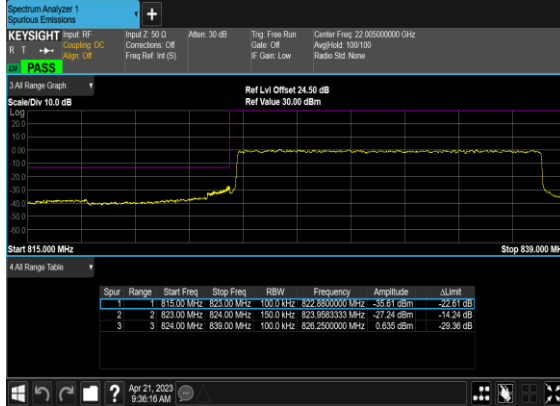
N26(15M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



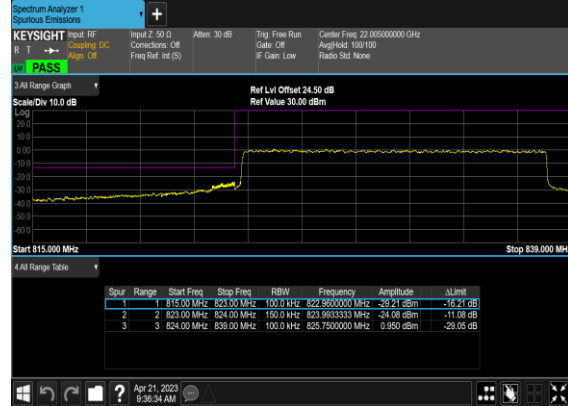
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OFDM_QPSK_Edge_1RB_Left_Low_CH



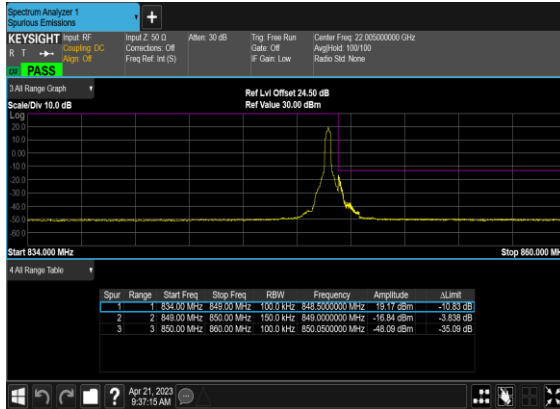
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OFDM_BPSK_Outer_Full_Low_CH



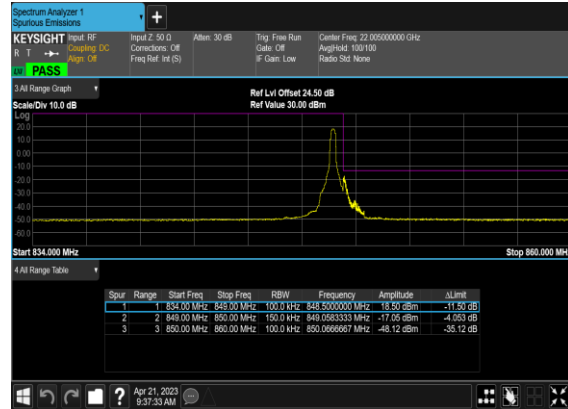
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OFDM_QPSK_Outer_Full_Low_CH



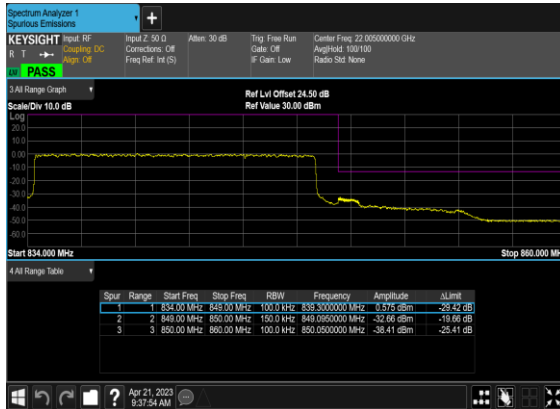
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OFDM_BPSK_Edge_1RB_Right_High_CH



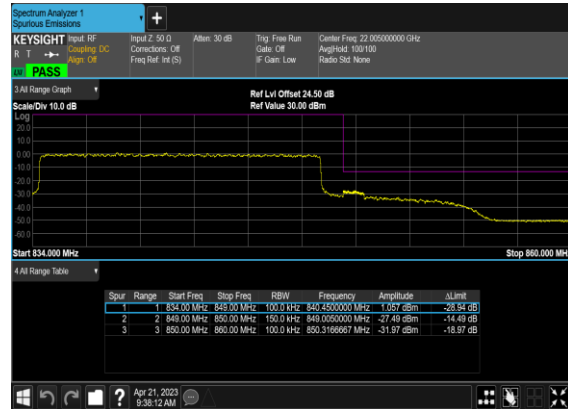
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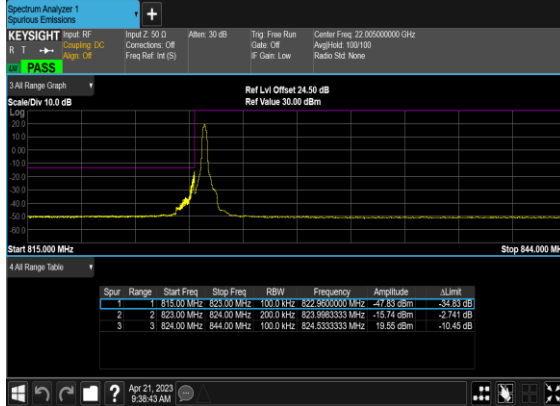
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OFDM_BPSK_Outer_Full_High_CH



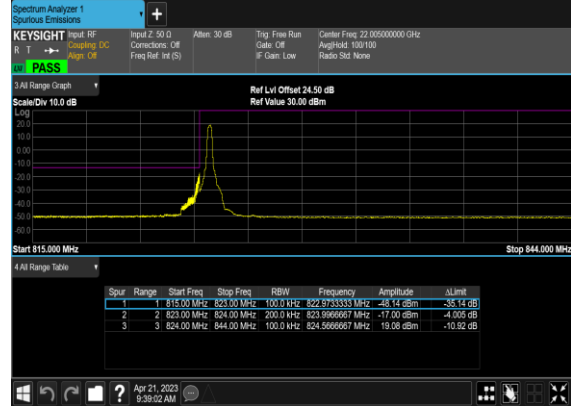
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OFDM_QPSK_Outer_Full_High_CH



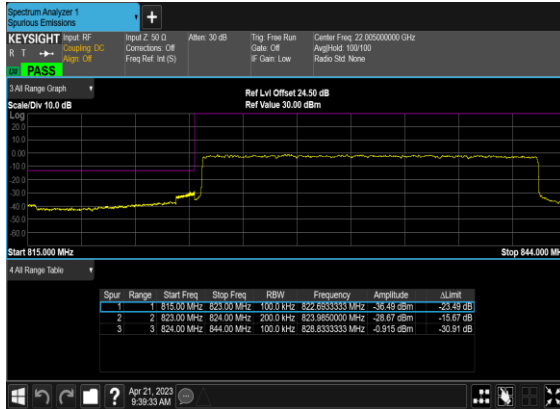
N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



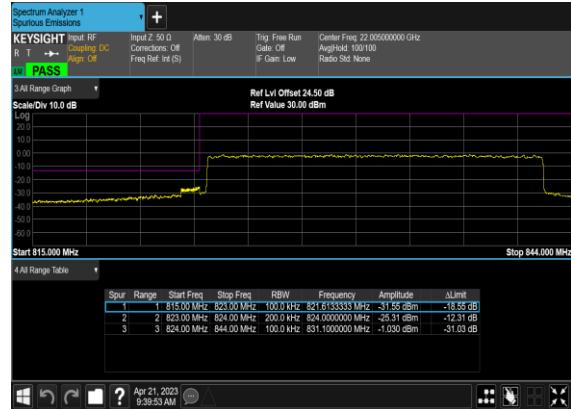
N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



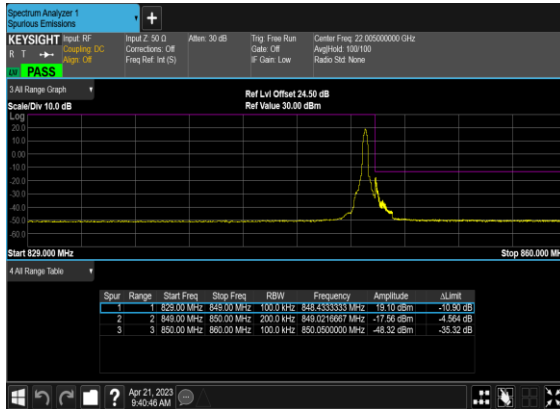
N26(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



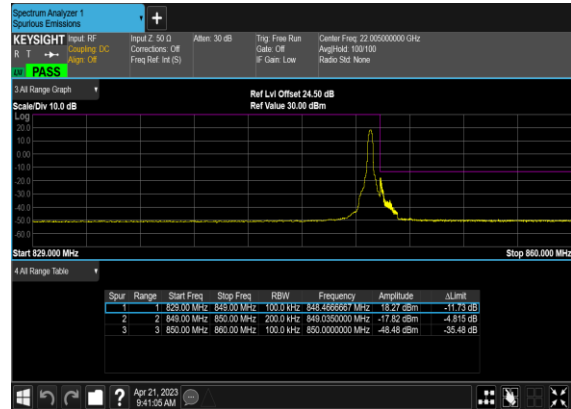
N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



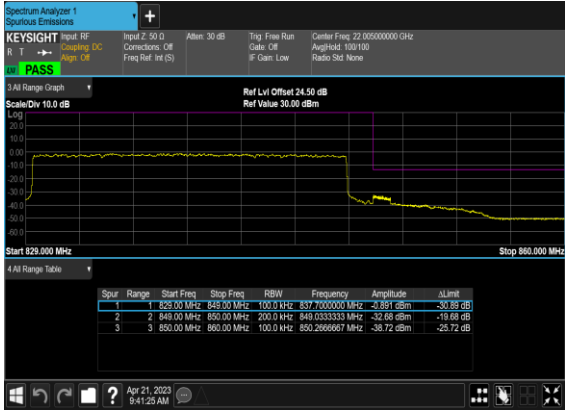
N26(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N26(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N26(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N38(ANT3) - Main PA

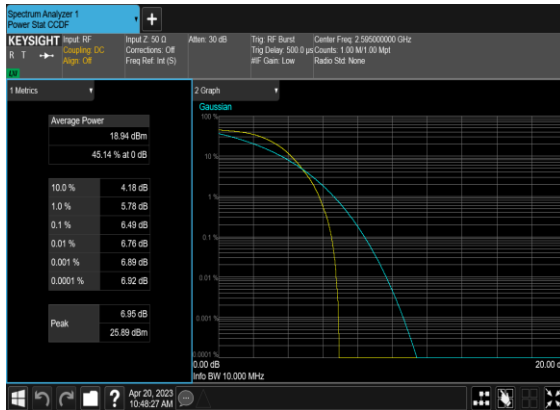
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
38	30	10	519000	2595.0	DFT-s-OFDM QPS	24@0	-0.00251	PASS	NV
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00265	PASS	LV
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00152	PASS	HV
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00131	PASS	-30°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00244	PASS	-20°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00365	PASS	-10°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00244	PASS	0°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	-0.00417	PASS	10°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00236	PASS	20°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00124	PASS	30°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00214	PASS	40°C
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	24@0	0.00284	PASS	50°C

Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
38	30	15	519000	2595.0	DFT-s-OFDM PI/2 BPSK	36@0	6.49	13	PASS
38	30	15	519000	2595.0	DFT-s-OFDM PI/2 BPSK	1@0	6.93	13	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	36@0	7.59	13	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	7.74	13	PASS

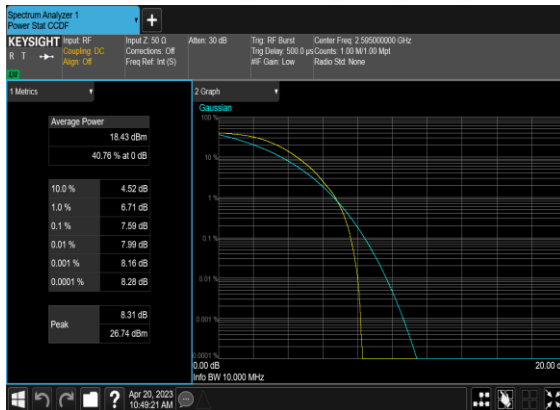
N38(15M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



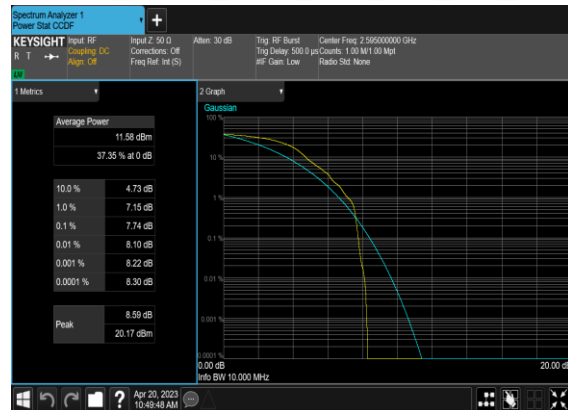
N38(15M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_Mid_CH



N38(15M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



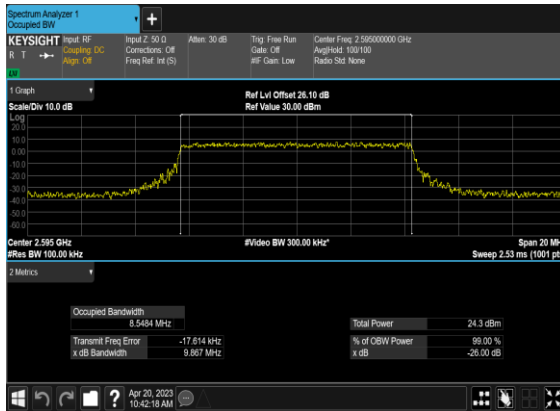
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



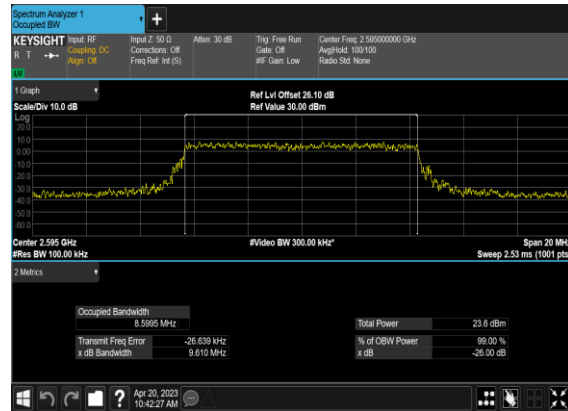
Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
38	30	10	519000	2595.0	CP-OFDM QPSK	24@0	8.5484	9.867
38	30	10	519000	2595.0	CP-OFDM 16 QAM	24@0	8.5995	9.61
38	30	10	519000	2595.0	CP-OFDM 64 QAM	24@0	8.5841	9.496
38	30	10	519000	2595.0	CP-OFDM 256 QAM	24@0	8.5829	9.573
38	30	15	519000	2595.0	CP-OFDM QPSK	38@0	13.582	14.89
38	30	15	519000	2595.0	CP-OFDM 16 QAM	38@0	13.583	14.76
38	30	15	519000	2595.0	CP-OFDM 64 QAM	38@0	13.585	14.45
38	30	15	519000	2595.0	CP-OFDM 256 QAM	38@0	13.547	14.66

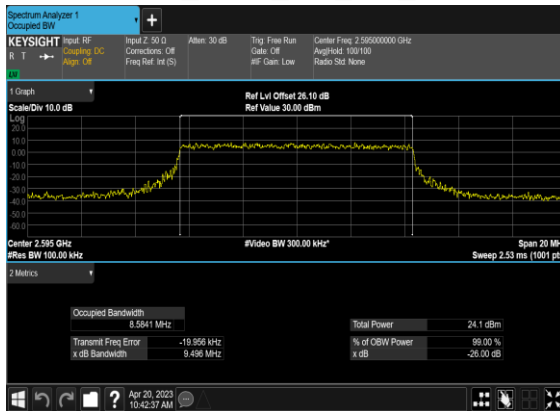
N38(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



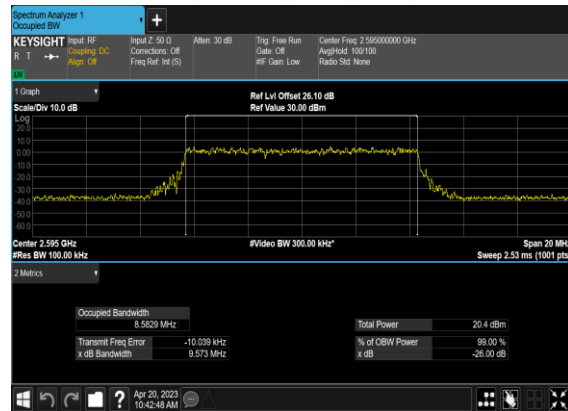
N38(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



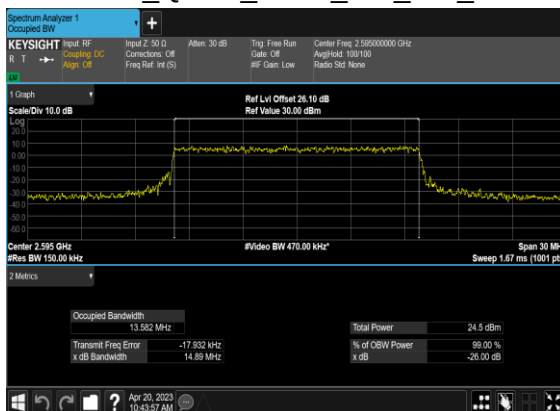
N38(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



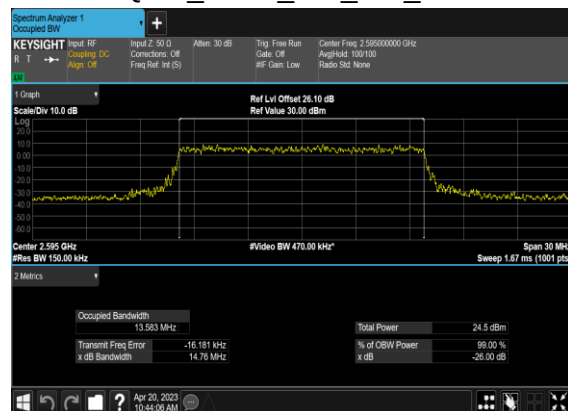
N38(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



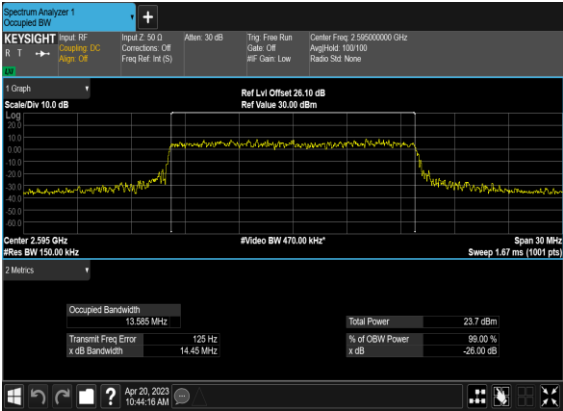
N38(15M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



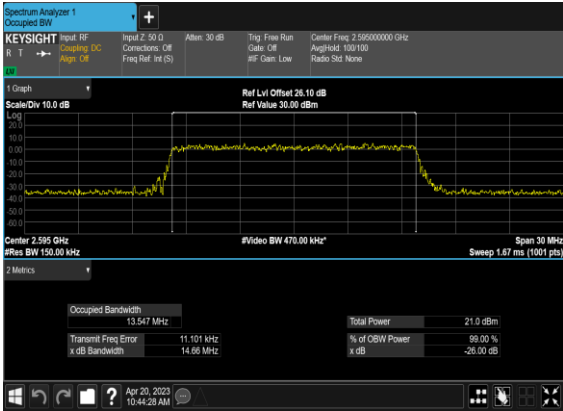
N38(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N38(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N38(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

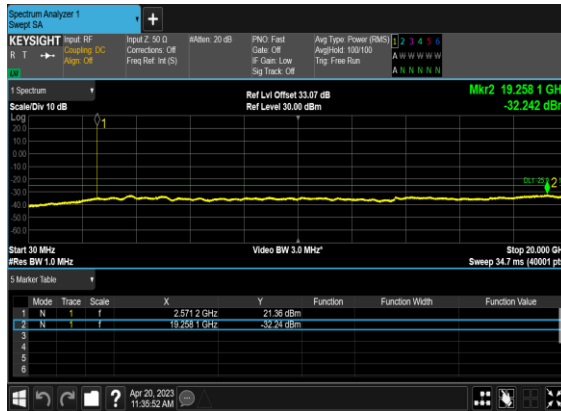


Conducted Spurious Emissions

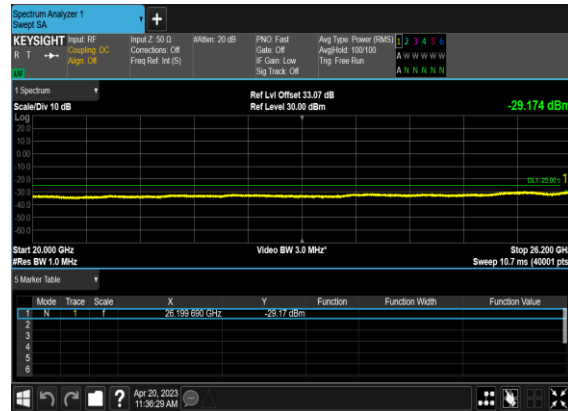
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	10	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	15	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	519000	2595.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@0	see graph	---
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	---
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@0	see graph	PASS

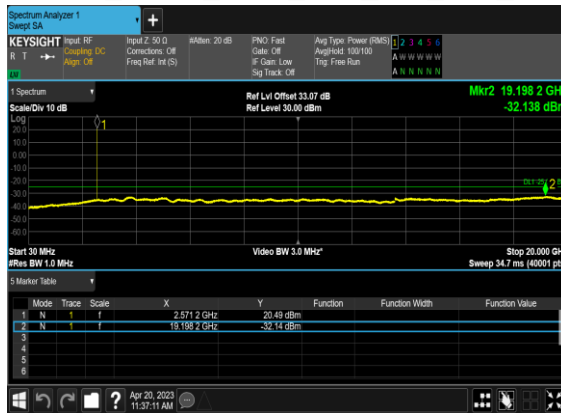
N38(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



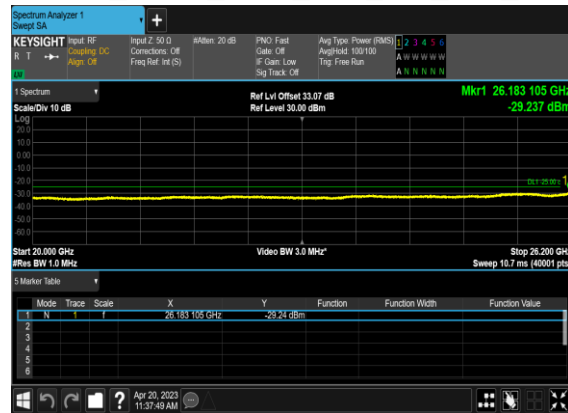
N38(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



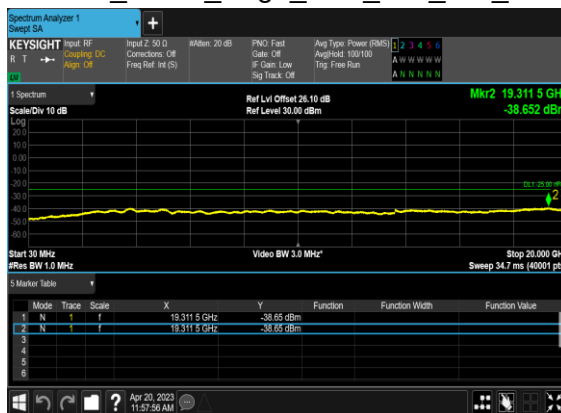
N38(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



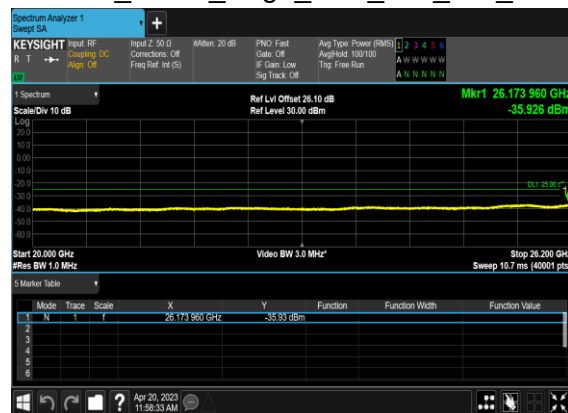
N38(10M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



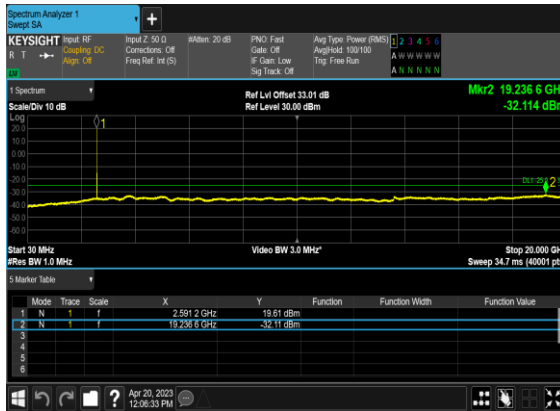
N38(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



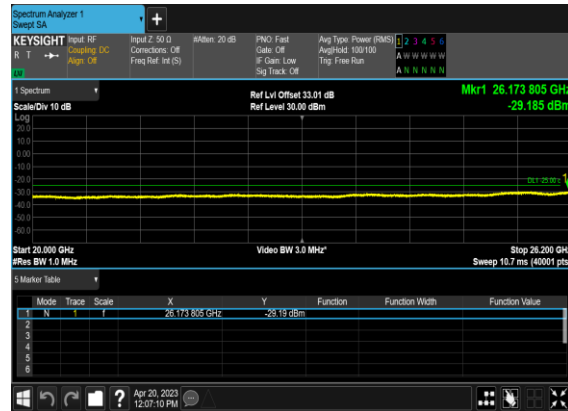
N38(10M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



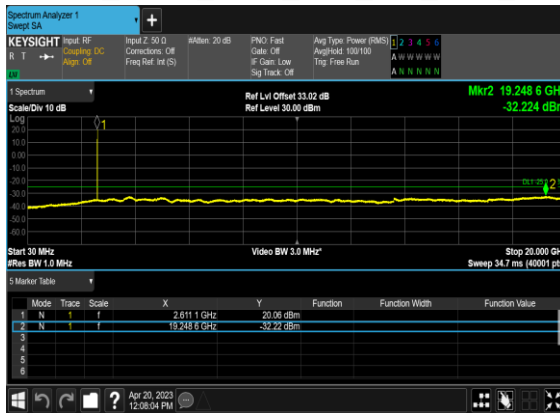
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



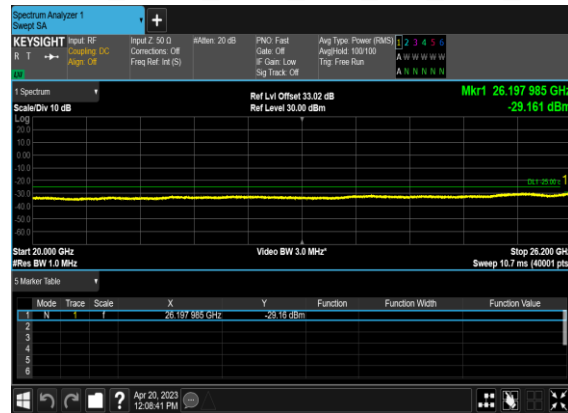
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



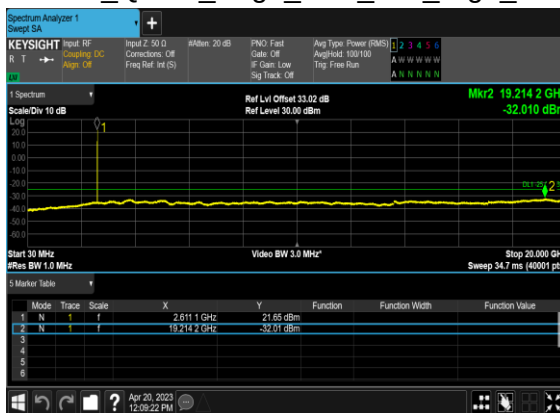
N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



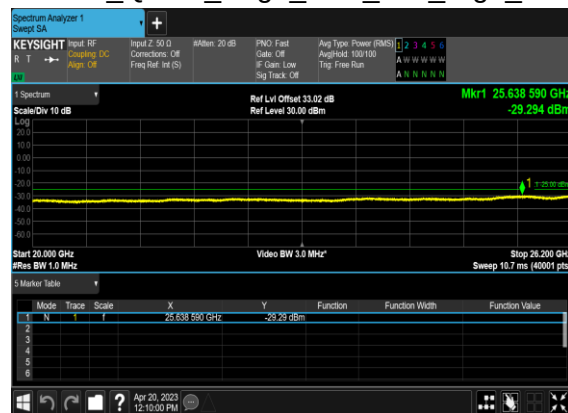
N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



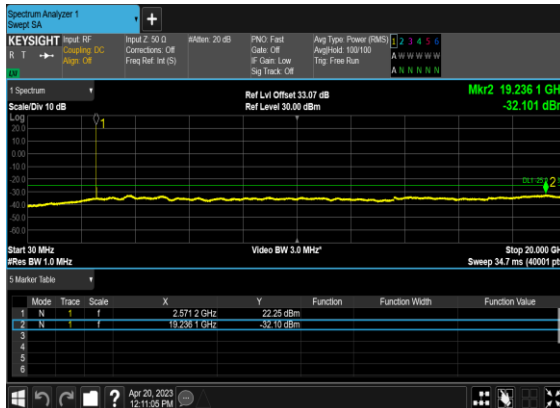
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



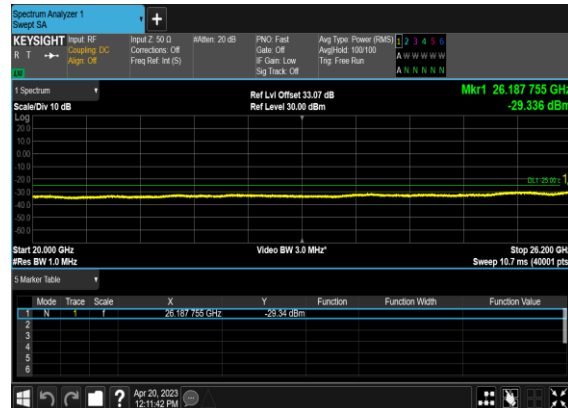
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



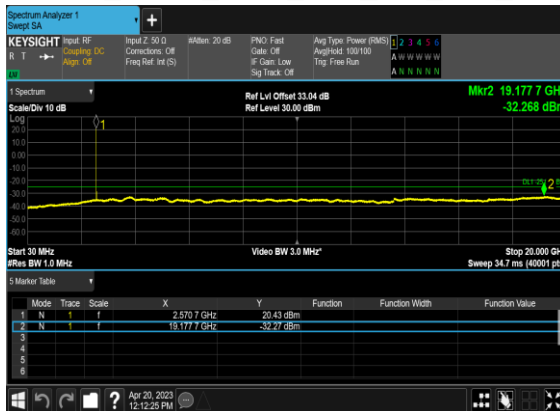
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



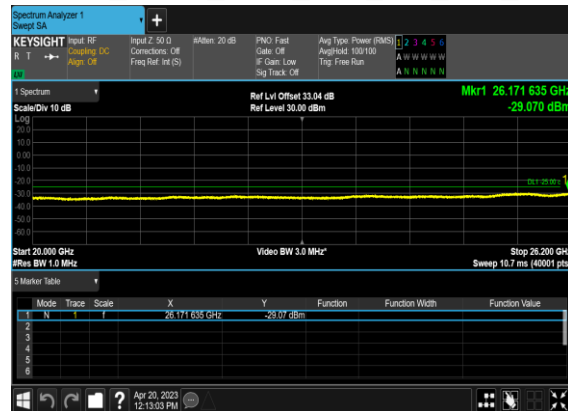
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



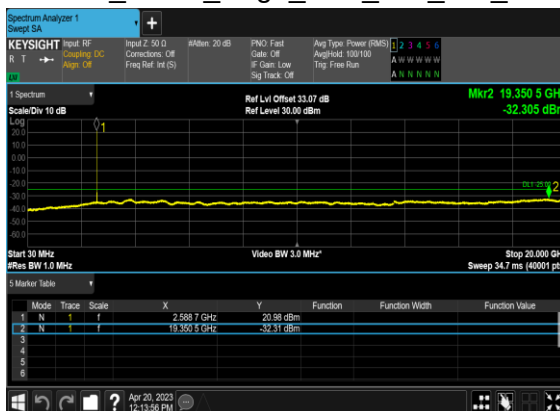
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



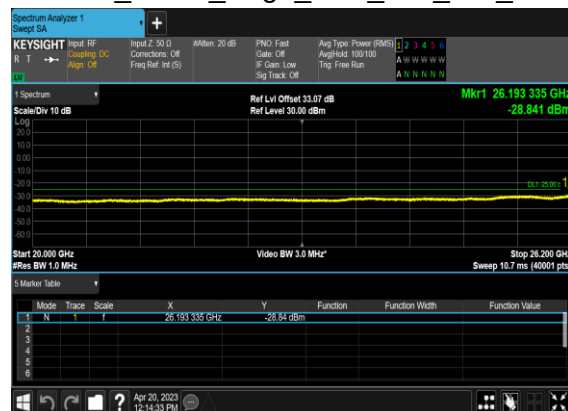
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



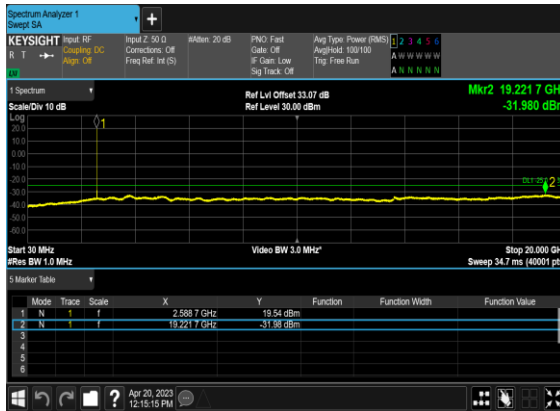
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



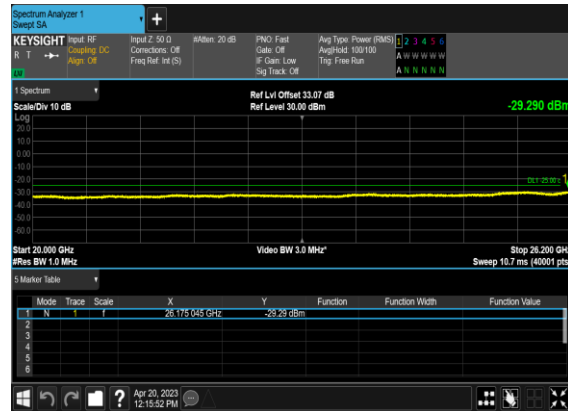
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



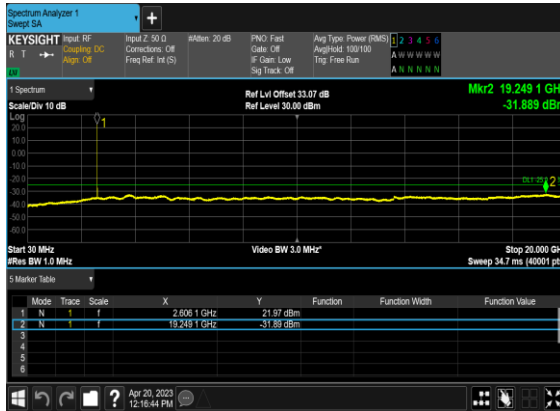
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



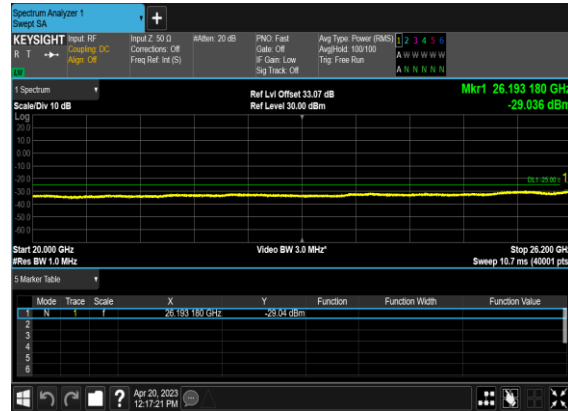
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



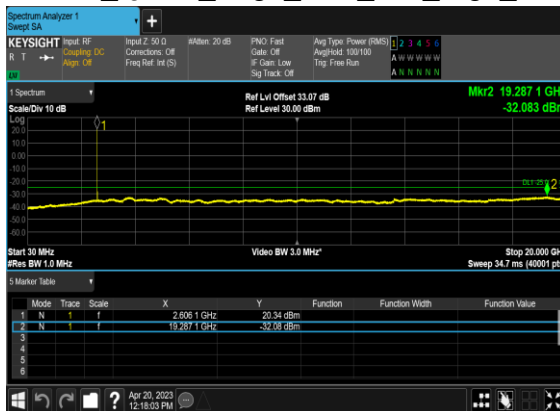
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



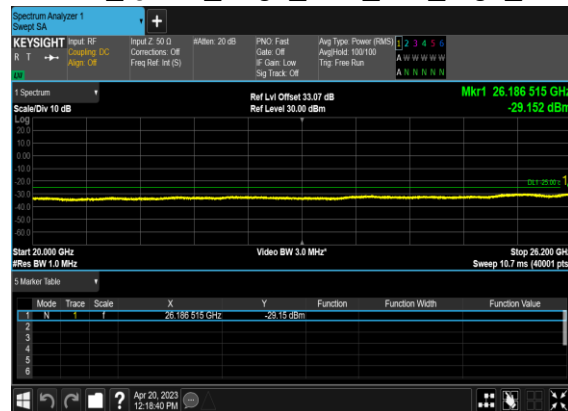
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



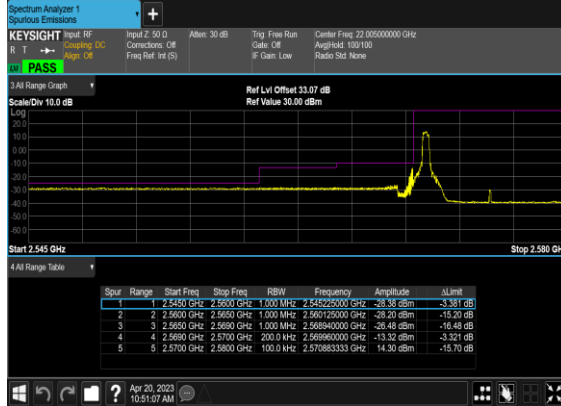
N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



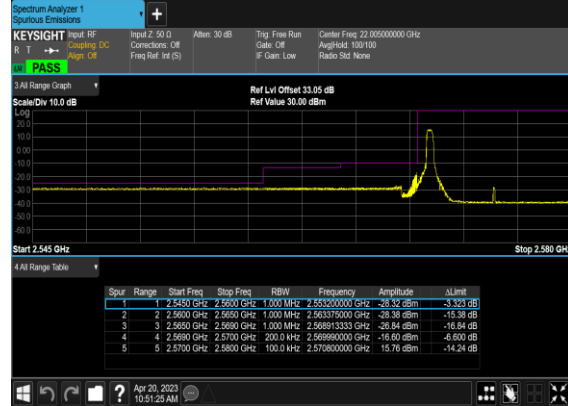
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
38	30	10	515000	2575.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	1@23	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	1@23	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM BPSK	24@0	see graph	PASS
38	30	10	523000	2615.0	DFT-s-OFDM QPSK	24@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM BPSK	36@0	see graph	PASS
38	30	15	515500	2577.5	DFT-s-OFDM QPSK	36@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	1@37	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	1@37	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM BPSK	36@0	see graph	PASS
38	30	15	522500	2612.5	DFT-s-OFDM QPSK	36@0	see graph	PASS

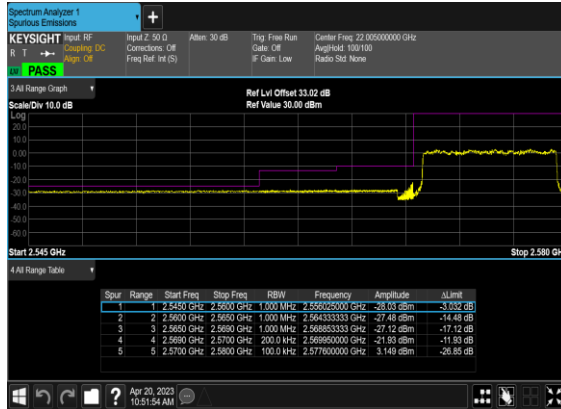
N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



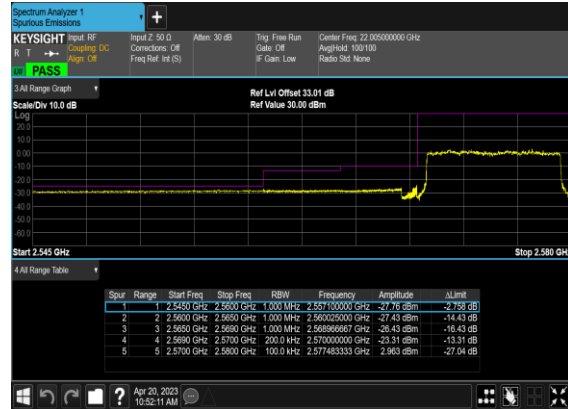
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



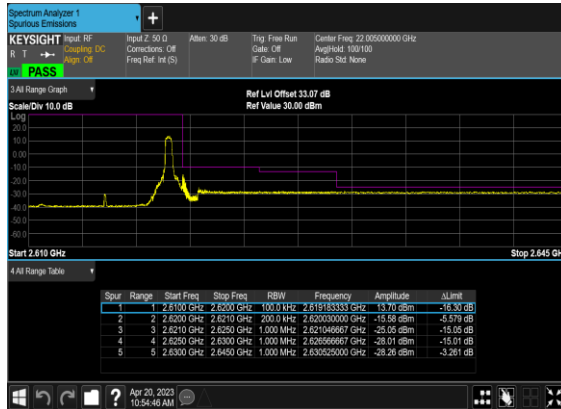
N38(10M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



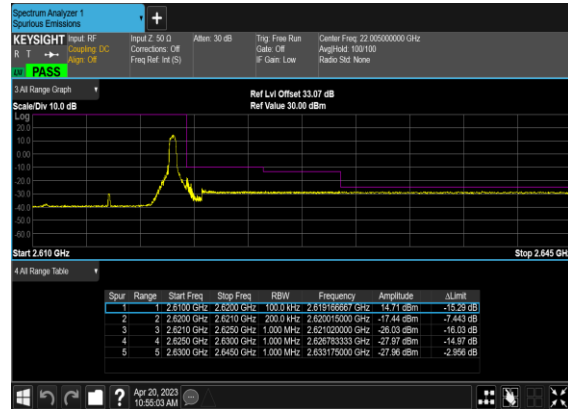
N38(10M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH



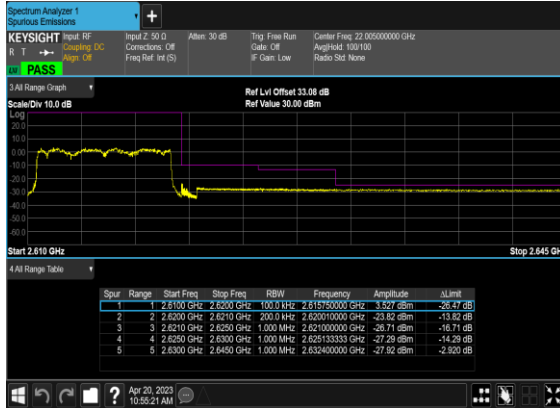
N38(10M)_DFT-s-OFDM_BPSK_Edge_1RB_Right_High_CH



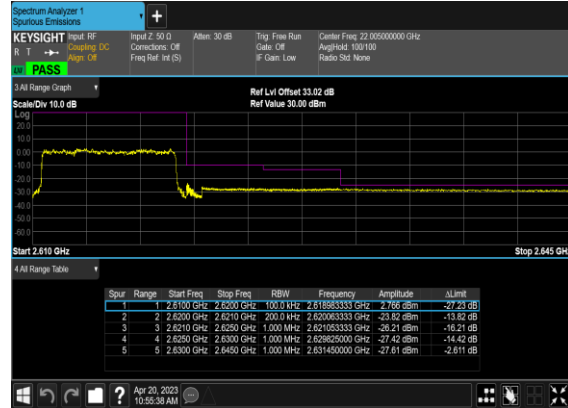
N38(10M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High_CH



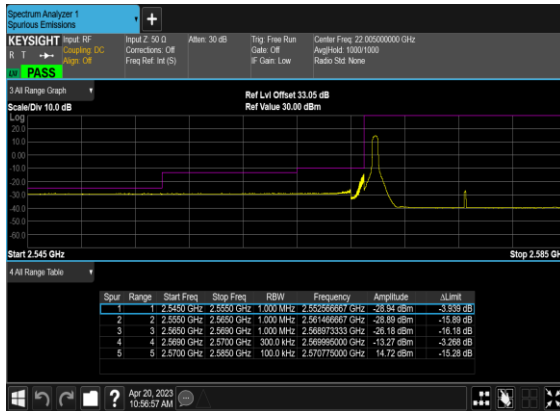
N38(10M)_DFT-s-OFDM_BPSK_Outer_Full_High_CH



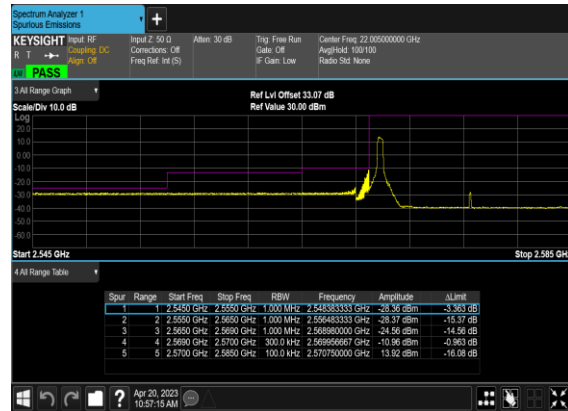
N38(10M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



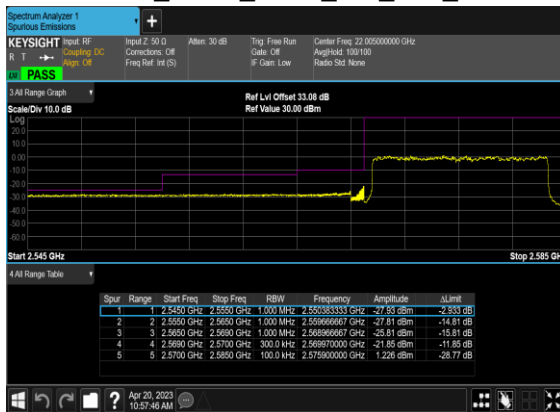
N38(15M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



N38(15M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



N38(15M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



N38(15M)_DFT-s-OFDM_QPSK_Outer_Full_Low_CH

