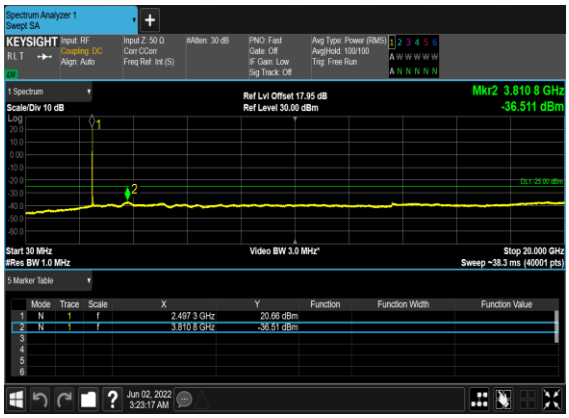
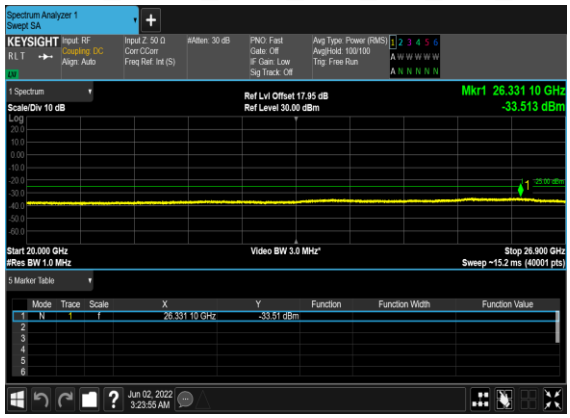
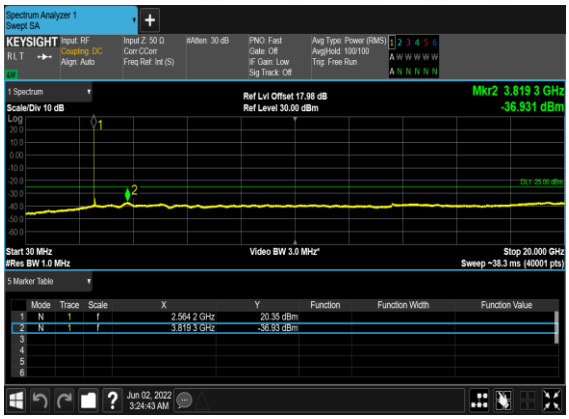
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



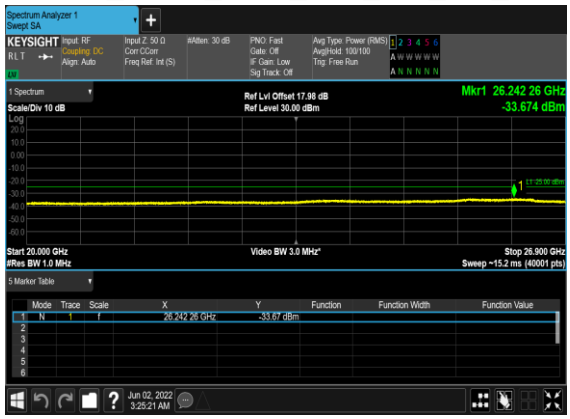
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



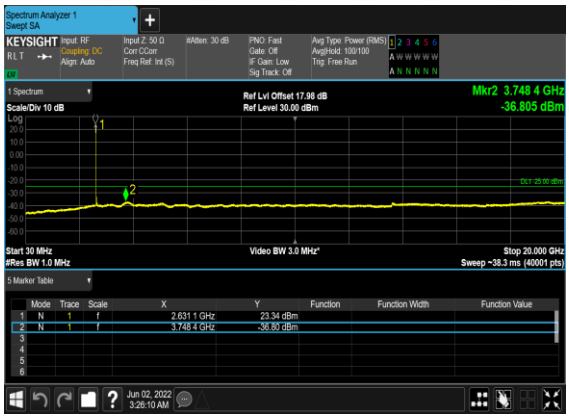
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



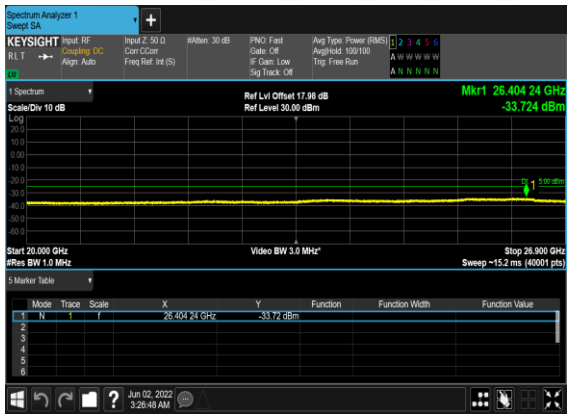
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



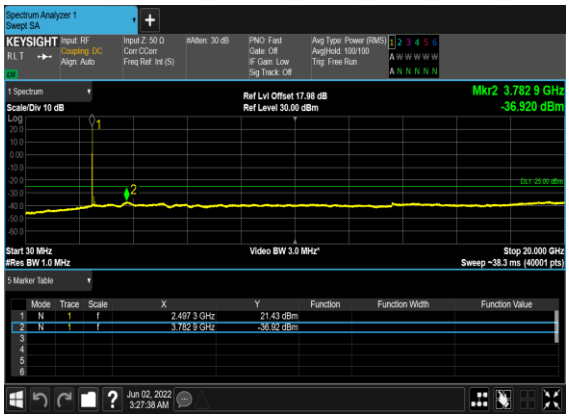
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



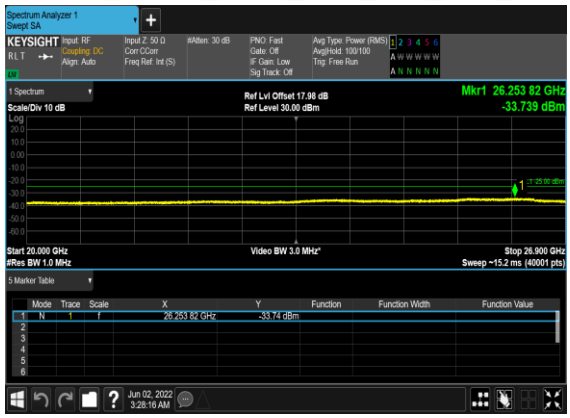
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



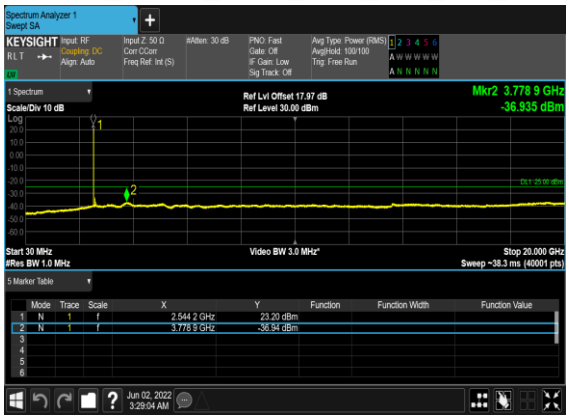
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



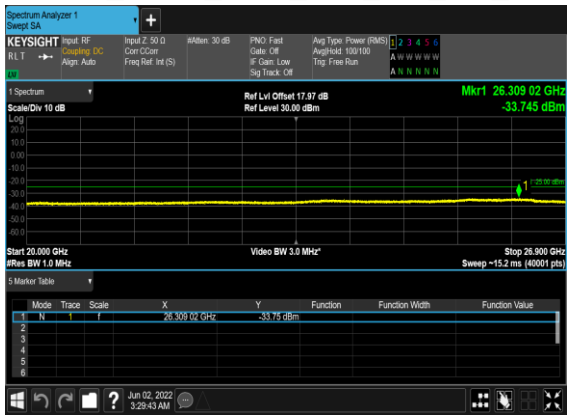
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



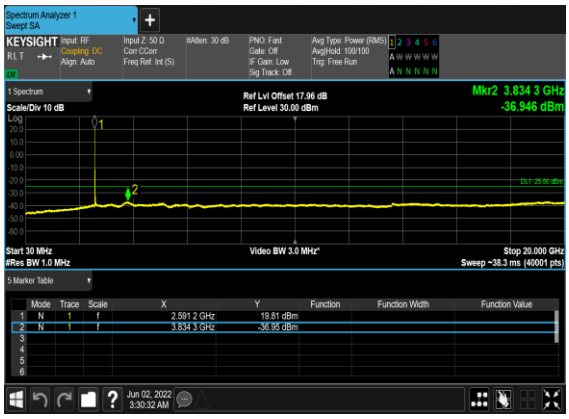
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



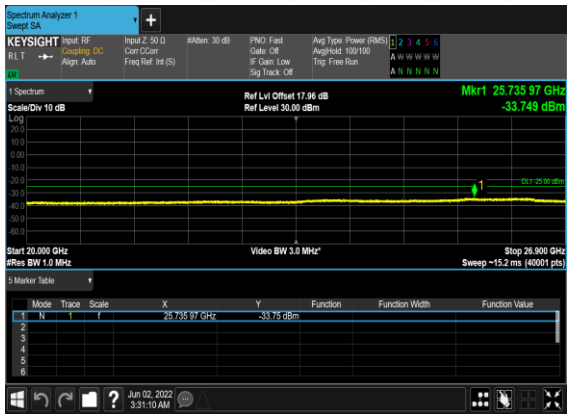
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



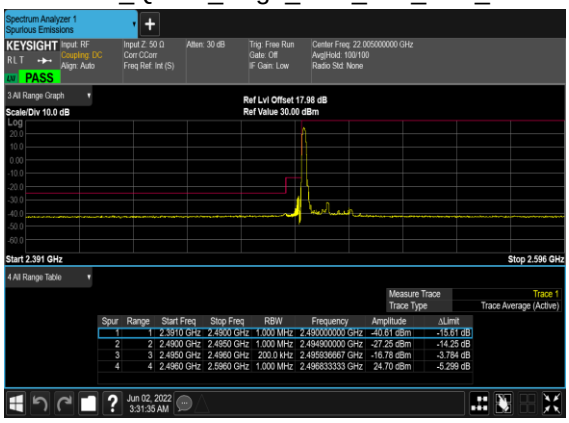
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



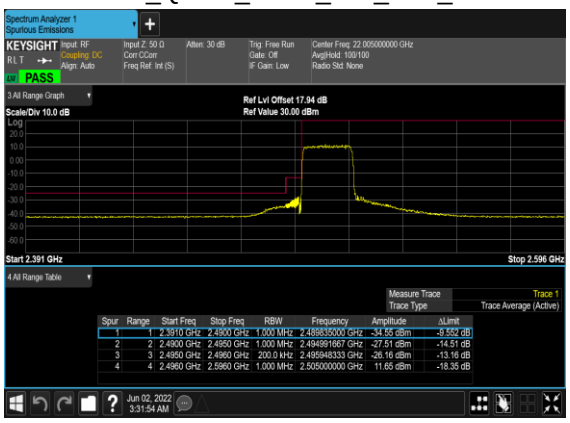
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	CP-OFDM QPSK	51@0	see graph	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	162@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@161	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	162@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	**PASS**

N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

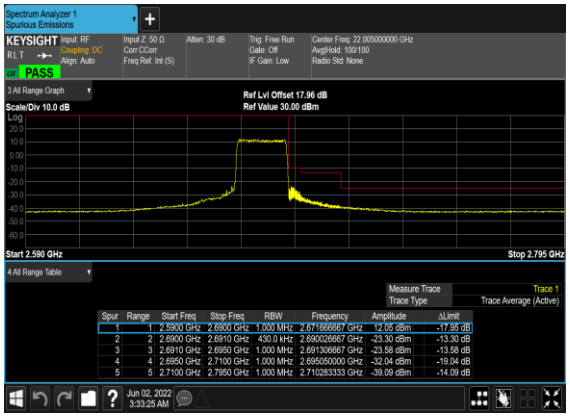


N41(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

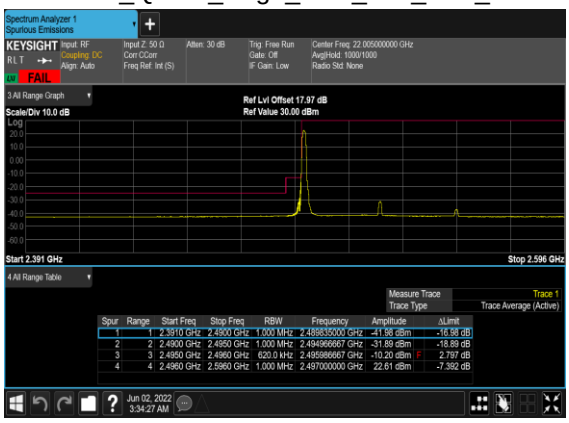


N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

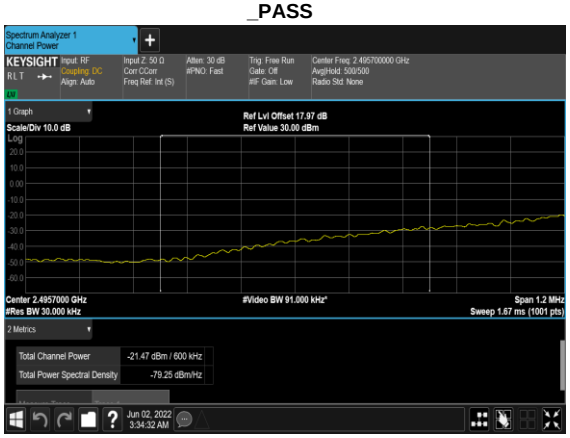
N41(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



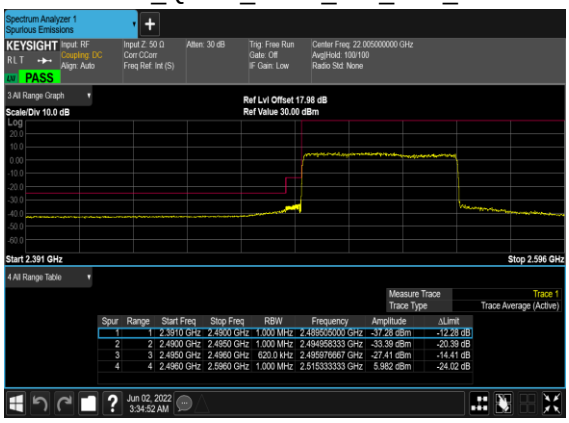
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



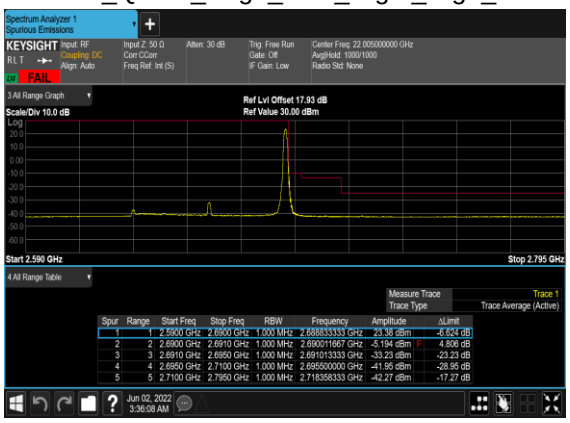
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP
_PASS



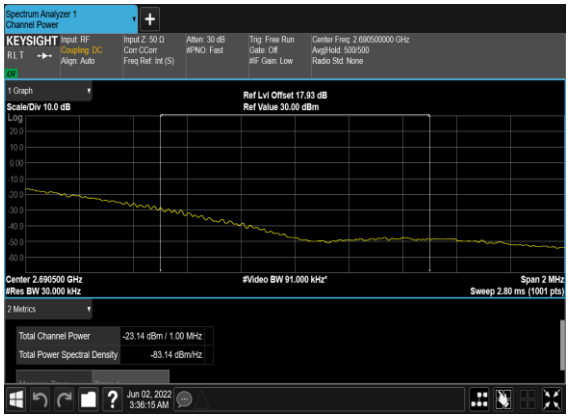
N41(60M)_CP-OFDM_QPSK_Outer_Full_Low_CH



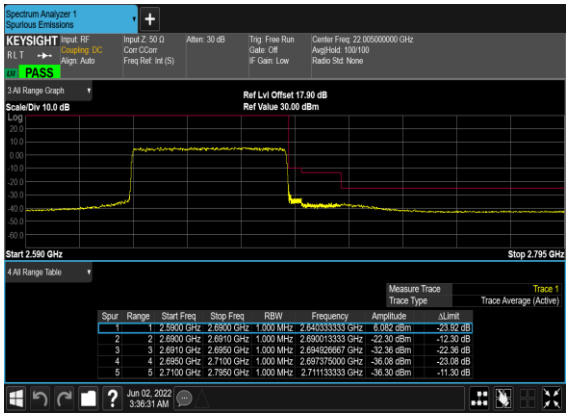
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



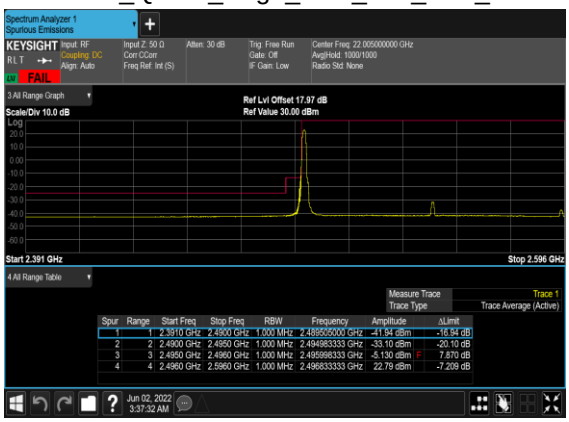
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_CHP_PASS



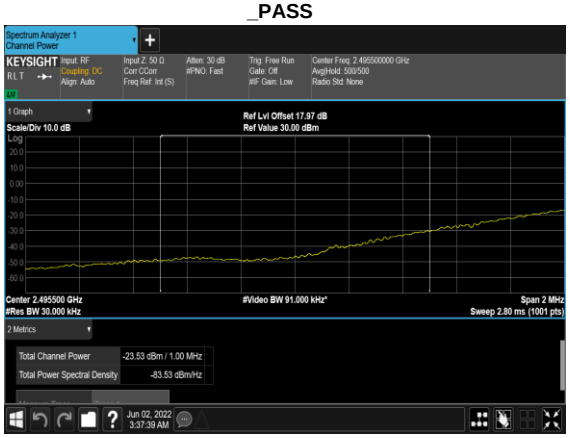
N41(60M)_CP-OFDM_QPSK_Outer_Full_High_CH



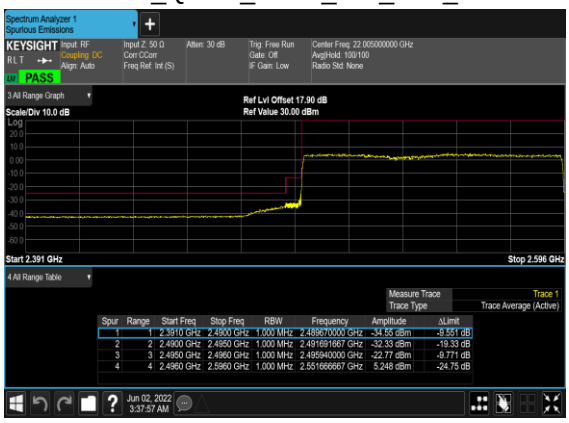
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



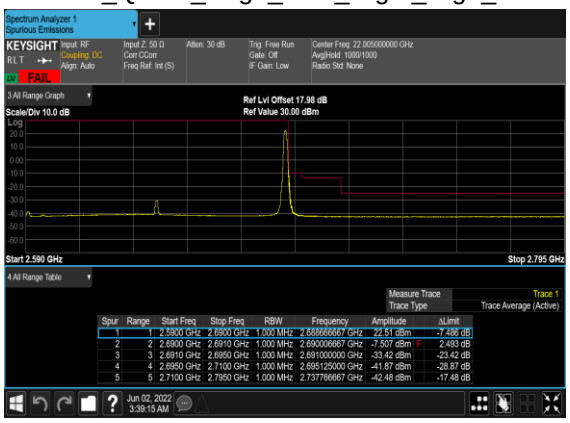
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



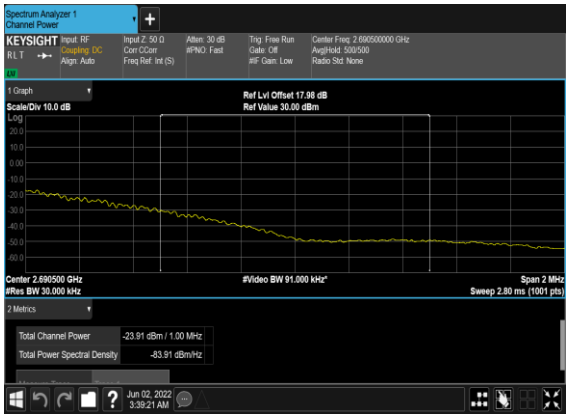
N41(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH



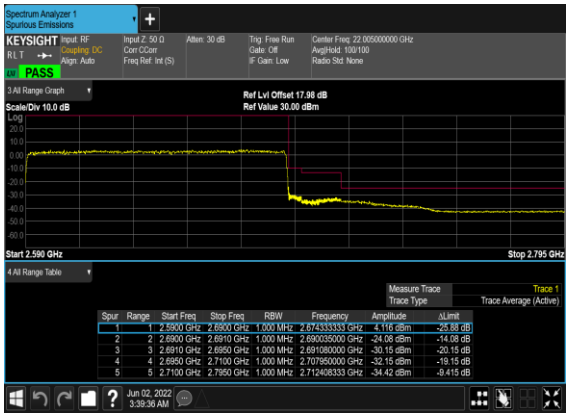
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N41(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



Software Version: 22.05.231801

FR1 N41(MIMO ANT5)

Frequency Stability

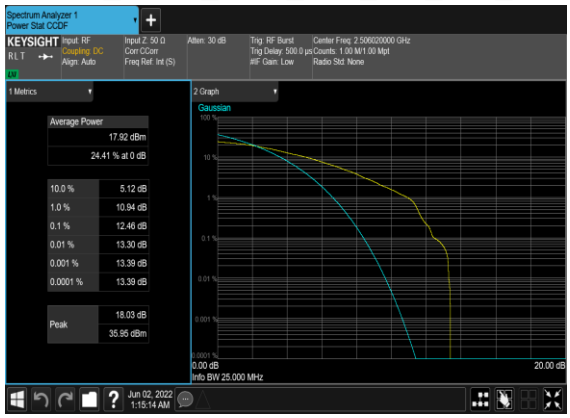
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00456	**PASS**	NV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00451	**PASS**	LV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00332	**PASS**	HV
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00594	**PASS**	-30℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00575	**PASS**	-20℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00292	**PASS**	-10℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00282	**PASS**	0℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00467	**PASS**	10℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00397	**PASS**	20℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00573	**PASS**	30℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00602	**PASS**	40℃
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	0.00318	**PASS**	50℃

Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	51@0	10.06	13	**PASS**
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	12.46	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	10.37	13	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	11.99	13	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	10.67	13	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	11.46	13	**PASS**

N41(20M)_CP-OFDM_QPSK_Outer_Full_Low_CH

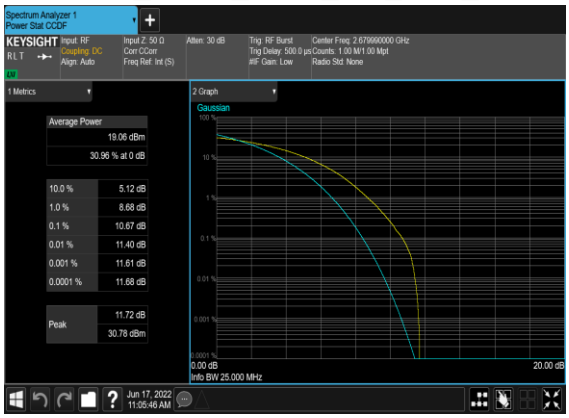
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



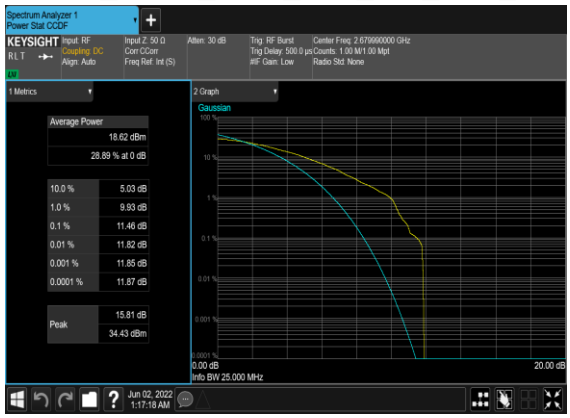
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH

N41(20M)_CP-OFDM_QPSK_Outer_Full_High_CH



N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



Occupied Bandwidth

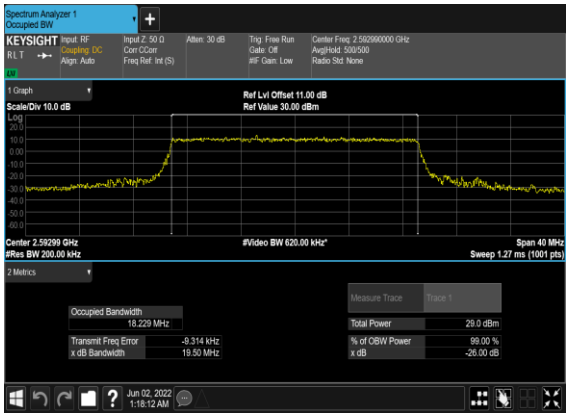
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
41	30	20	518598	2592.99	CP-OFDM QPSK	51@0	18.206	19.71
41	30	20	518598	2592.99	CP-OFDM 16 QAM	51@0	18.251	19.58
41	30	20	518598	2592.99	CP-OFDM 64 QAM	51@0	18.229	19.5
41	30	20	518598	2592.99	CP-OFDM 256 QAM	51@0	18.199	19.39
41	30	30	518598	2592.99	CP-OFDM QPSK	78@0	27.837	29.45
41	30	30	518598	2592.99	CP-OFDM 16 QAM	78@0	27.786	29.35
41	30	30	518598	2592.99	CP-OFDM 64 QAM	78@0	27.917	29.57
41	30	30	518598	2592.99	CP-OFDM 256 QAM	78@0	27.831	29.58
41	30	40	518598	2592.99	CP-OFDM QPSK	106@0	37.842	40.02
41	30	40	518598	2592.99	CP-OFDM 16 QAM	106@0	37.767	39.92
41	30	40	518598	2592.99	CP-OFDM 64 QAM	106@0	37.84	39.58
41	30	40	518598	2592.99	CP-OFDM 256 QAM	106@0	37.75	39.47
41	30	50	518598	2592.99	CP-OFDM QPSK	133@0	47.465	49.46
41	30	50	518598	2592.99	CP-OFDM 16 QAM	133@0	47.424	49.15
41	30	50	518598	2592.99	CP-OFDM 64 QAM	133@0	47.504	49.27
41	30	50	518598	2592.99	CP-OFDM 256 QAM	133@0	47.532	49.52
41	30	60	518598	2592.99	CP-OFDM QPSK	162@0	57.77	59.96
41	30	60	518598	2592.99	CP-OFDM 16 QAM	162@0	57.856	60.17
41	30	60	518598	2592.99	CP-OFDM 64 QAM	162@0	57.75	59.99
41	30	60	518598	2592.99	CP-OFDM 256 QAM	162@0	57.793	60.0
41	30	70	518598	2592.99	CP-OFDM QPSK	189@0	67.48	69.71
41	30	70	518598	2592.99	CP-OFDM 16 QAM	189@0	67.497	69.84
41	30	70	518598	2592.99	CP-OFDM 64 QAM	189@0	67.388	69.77
41	30	70	518598	2592.99	CP-OFDM 256 QAM	189@0	67.462	69.85
41	30	80	518598	2592.99	CP-OFDM QPSK	217@0	77.434	79.9

41	30	80	518598	2592.99	CP-OFDM 16 QAM	217@0	77.484	80.05
41	30	80	518598	2592.99	CP-OFDM 64 QAM	217@0	77.536	80.23
41	30	80	518598	2592.99	CP-OFDM 256 QAM	217@0	77.364	80.05
41	30	90	518598	2592.99	CP-OFDM QPSK	245@0	87.487	90.48
41	30	90	518598	2592.99	CP-OFDM 16 QAM	245@0	87.476	90.57
41	30	90	518598	2592.99	CP-OFDM 64 QAM	245@0	87.663	90.26
41	30	90	518598	2592.99	CP-OFDM 256 QAM	245@0	87.634	90.27
41	30	100	518598	2592.99	CP-OFDM QPSK	273@0	97.633	100.5
41	30	100	518598	2592.99	CP-OFDM 16 QAM	273@0	97.538	100.6
41	30	100	518598	2592.99	CP-OFDM 64 QAM	273@0	97.489	100.7
41	30	100	518598	2592.99	CP-OFDM 256 QAM	273@0	97.492	100.8

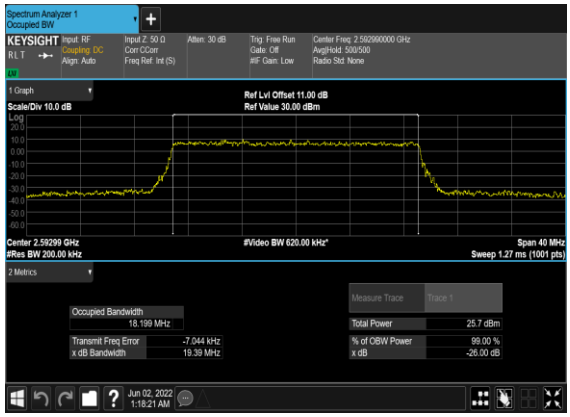
N41(20M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

N41(20M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

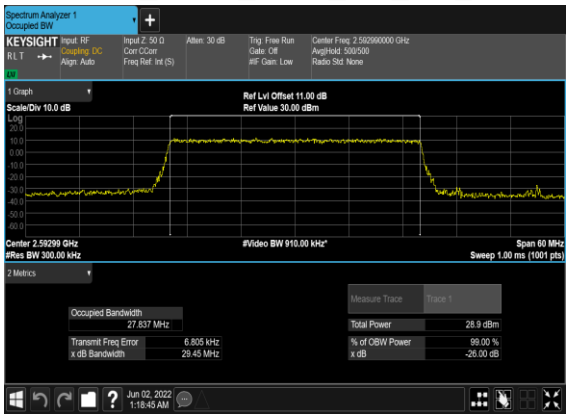
N41(20M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



N41(20M)_CP-OFDM_256QAM_Outer_Full_Mid_CH

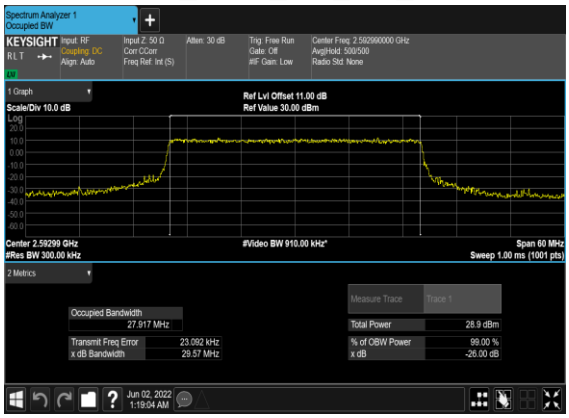


N41(30M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

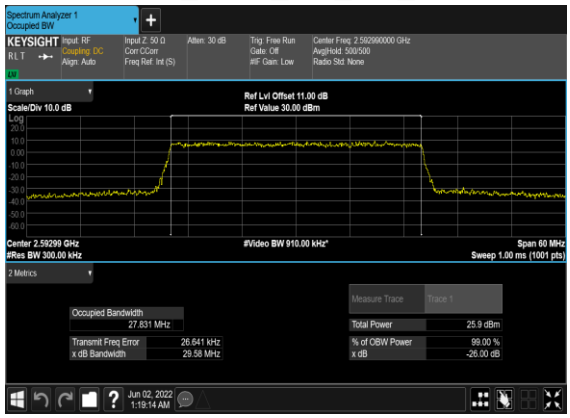


N41(30M)_CP-OFDM_16QAM_Outer_Full_Mid_CH

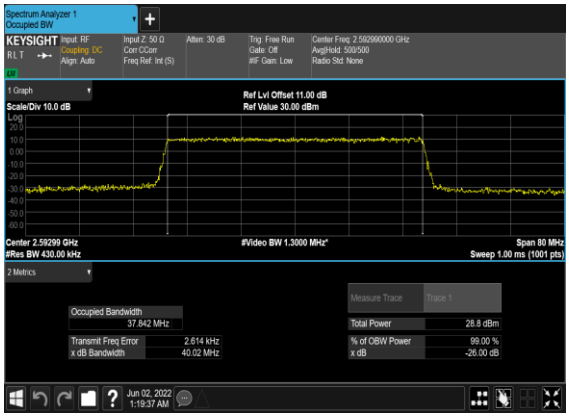
N41(30M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



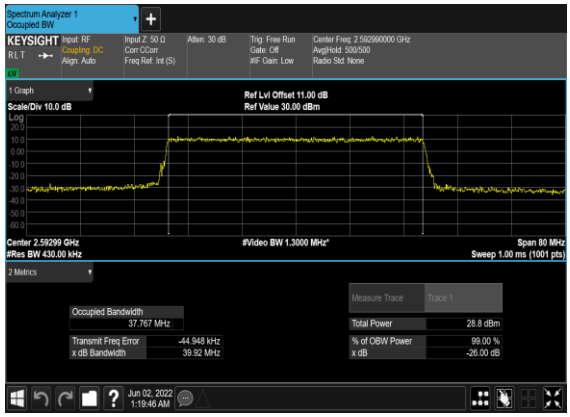
N41(30M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(40M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

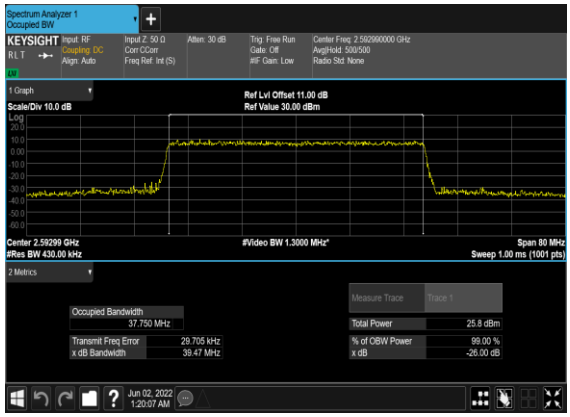


N41(40M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

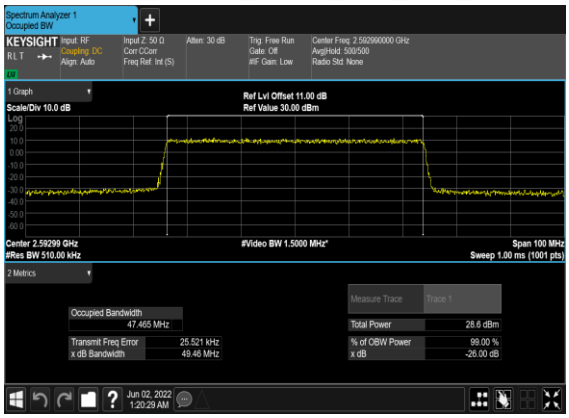


N41(40M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

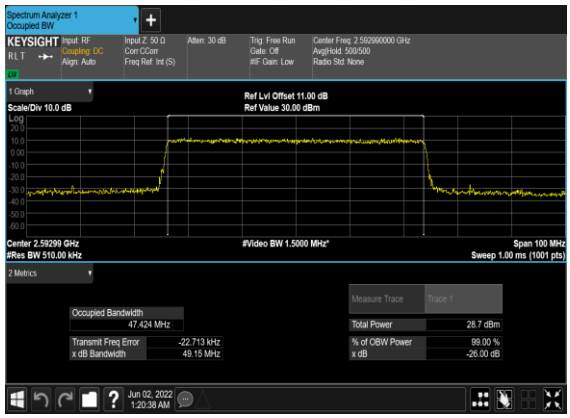
N41(40M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



N41(50M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

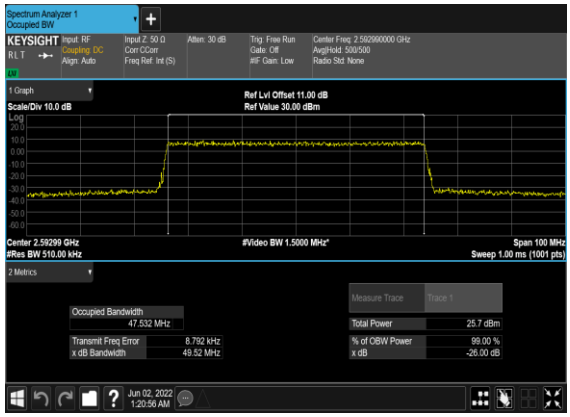


N41(50M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH

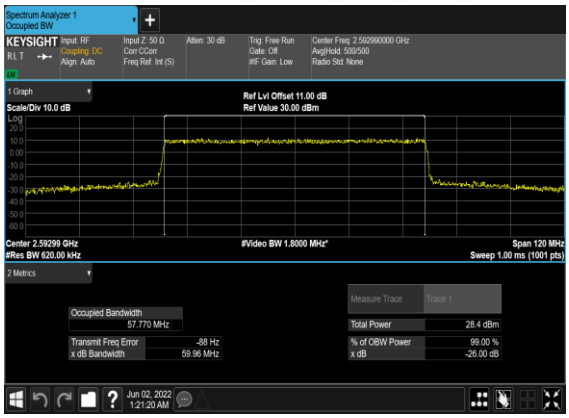


N41(50M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH

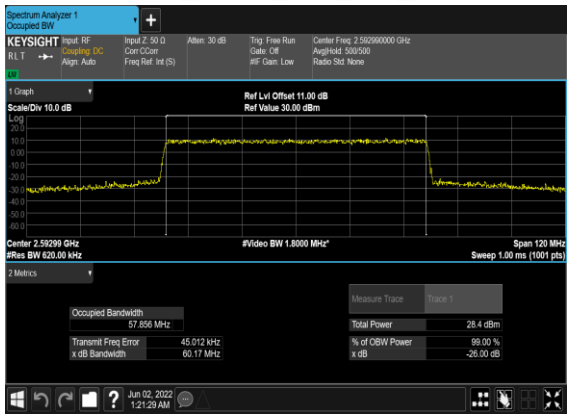
N41(50M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



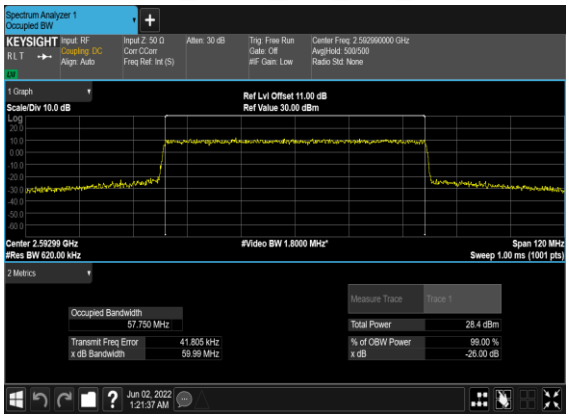
N41(60M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(60M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



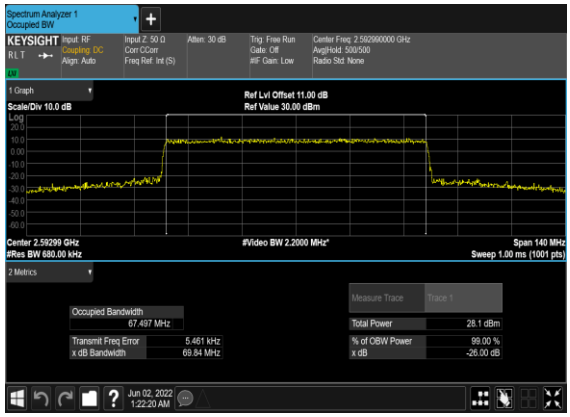
N41(60M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



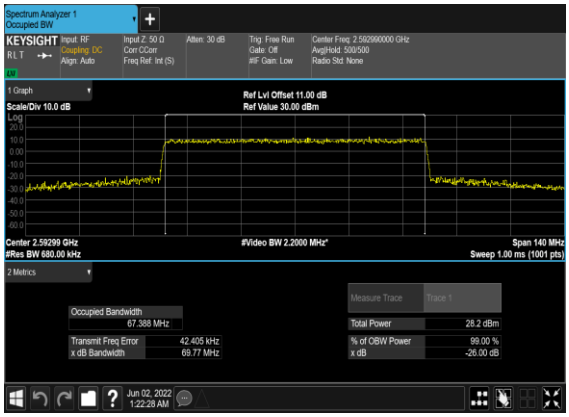
N41(60M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

N41(70M)_CP-OFDM_QPSK_Outer_Full_Mid_CH

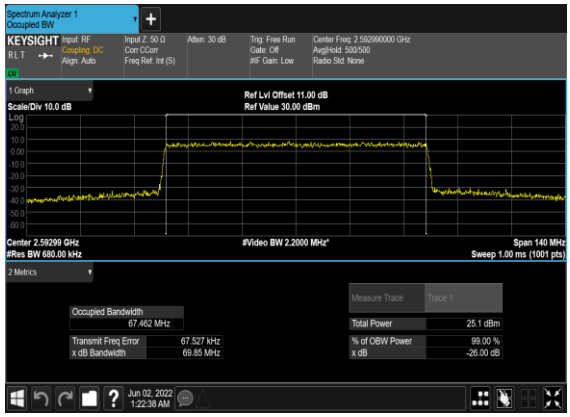
N41(70M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



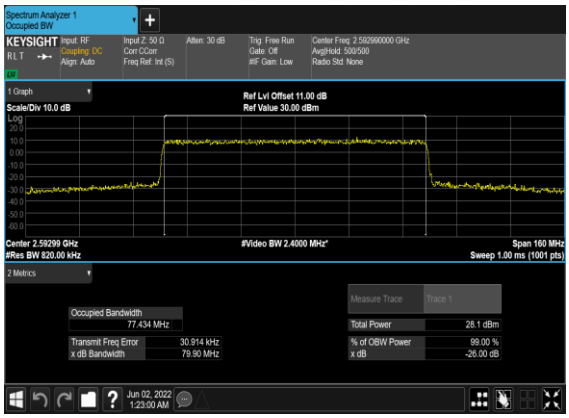
N41(70M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



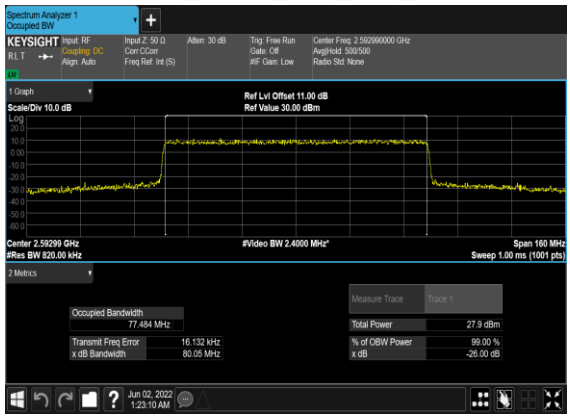
N41(70M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



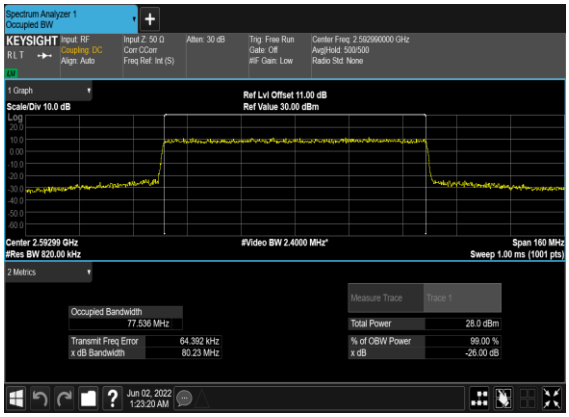
N41(80M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



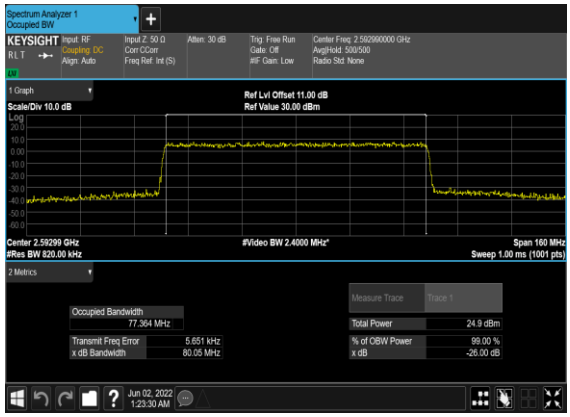
N41(80M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



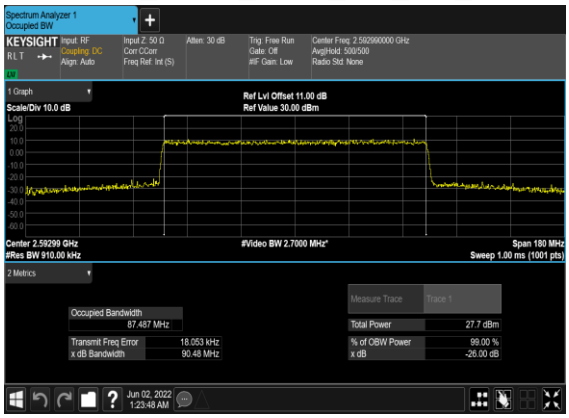
N41(80M)_CP-OFDM_64QAM_Outer_Full_Mid_CH



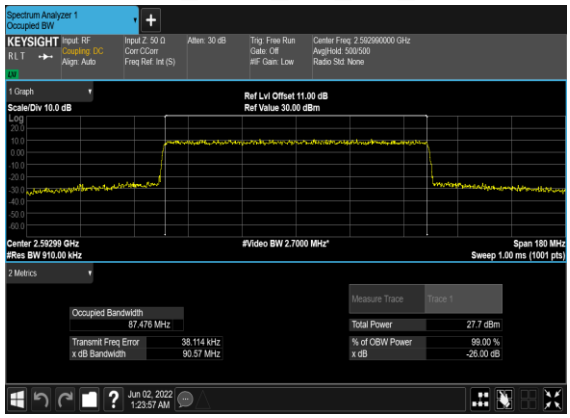
N41(80M)_CP-OFDM_256QAM_Outer_Full_Mid_CH



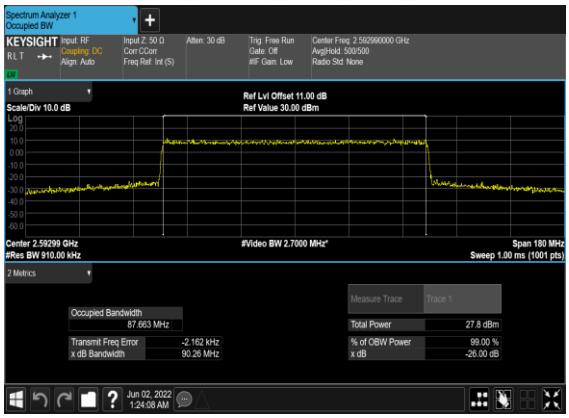
N41(90M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



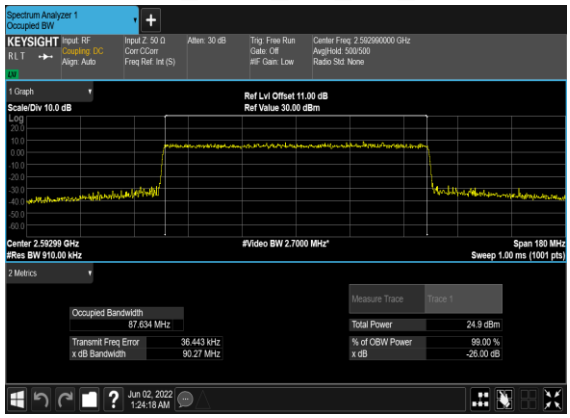
N41(90M)_CP-OFDM_16QAM_Outer_Full_Mid_CH



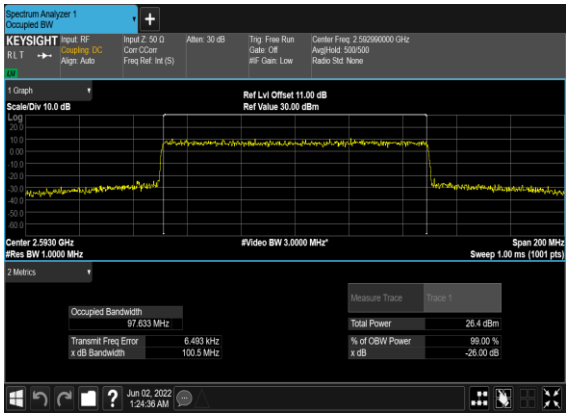
N41(90M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



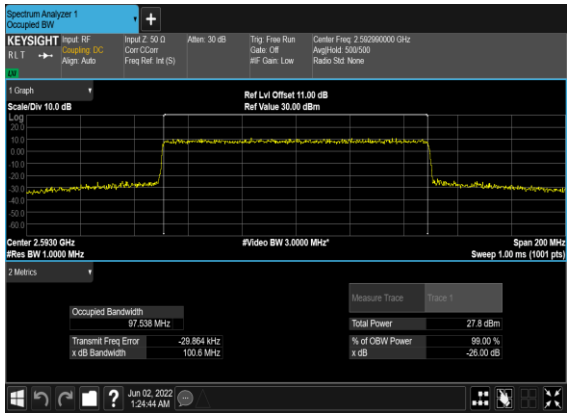
N41(90M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH



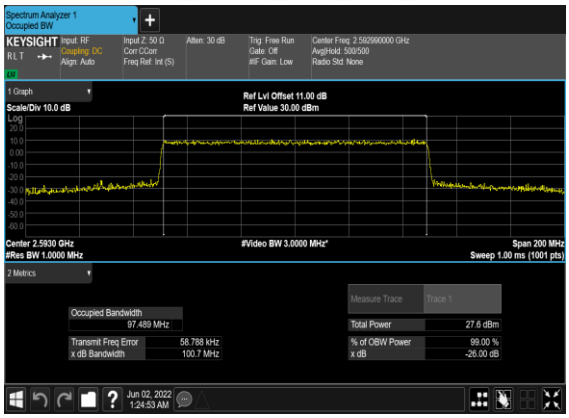
N41(100M)_CP-OFDM_QPSK_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_16 QAM_Outer_Full_Mid_CH



N41(100M)_CP-OFDM_64 QAM_Outer_Full_Mid_CH



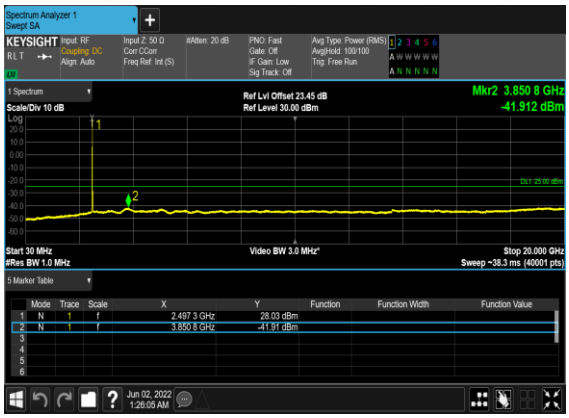
N41(100M)_CP-OFDM_256 QAM_Outer_Full_Mid_CH

Conducted Spurious Emissions

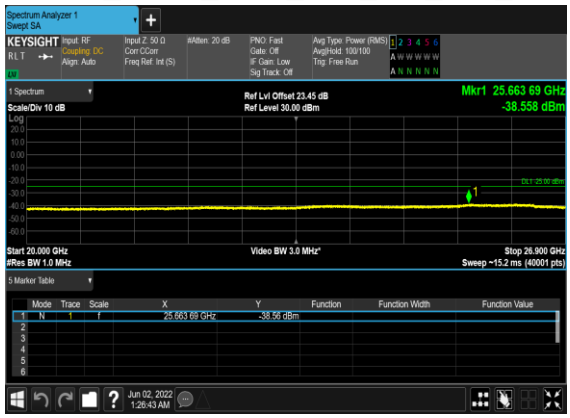
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	**---**
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**---**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	**---**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**---**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**---**
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	**---**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**---**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**---**

41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	**---**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@0	see graph	**PASS**

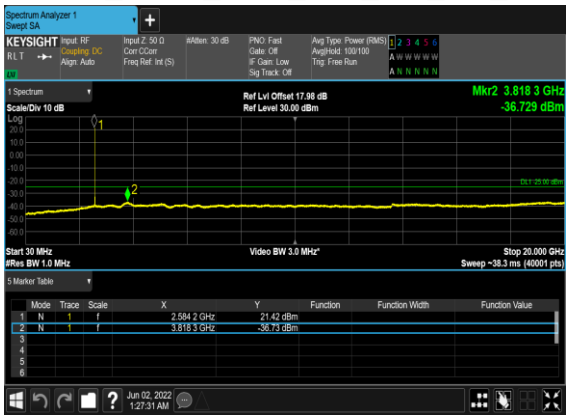
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



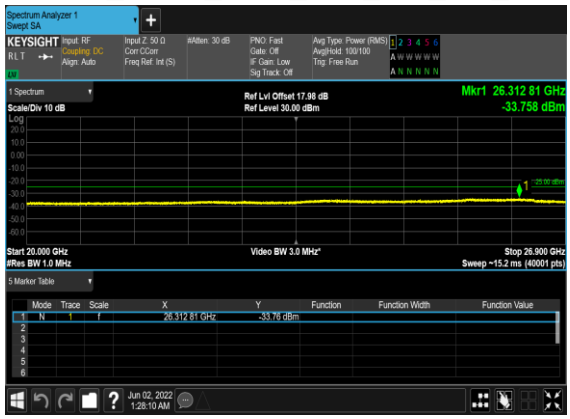
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



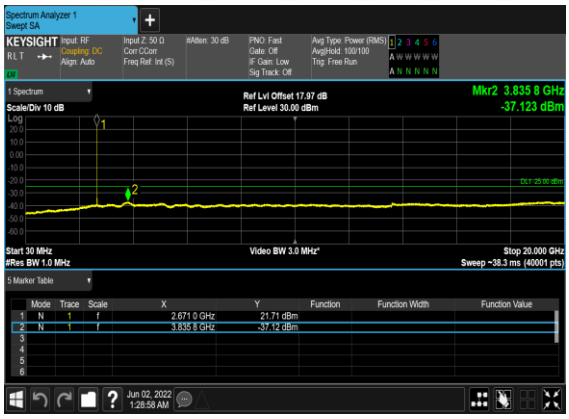
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



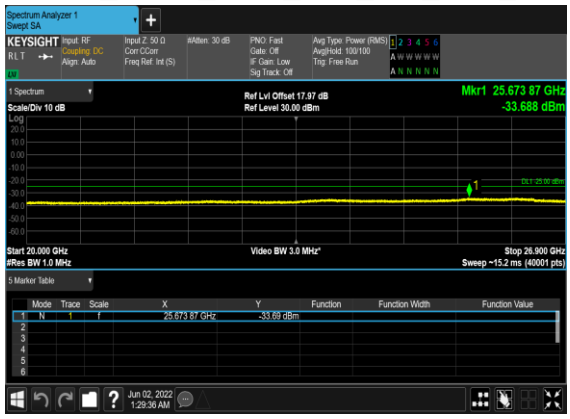
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



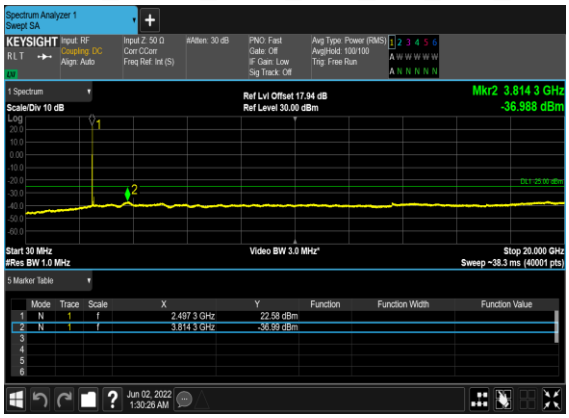
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



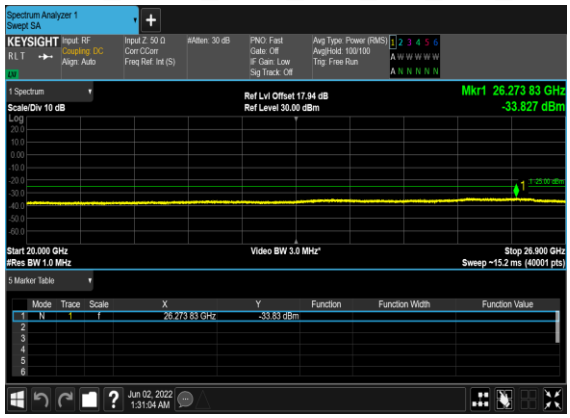
N41(20M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



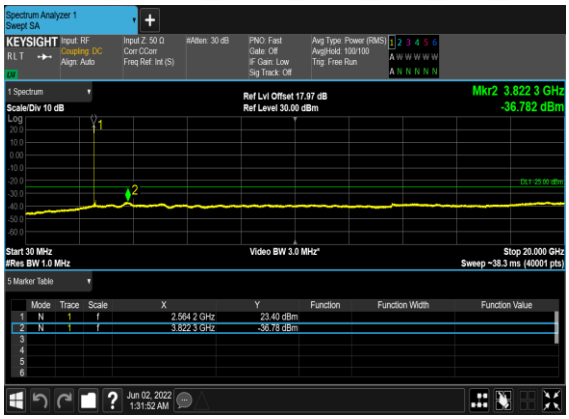
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



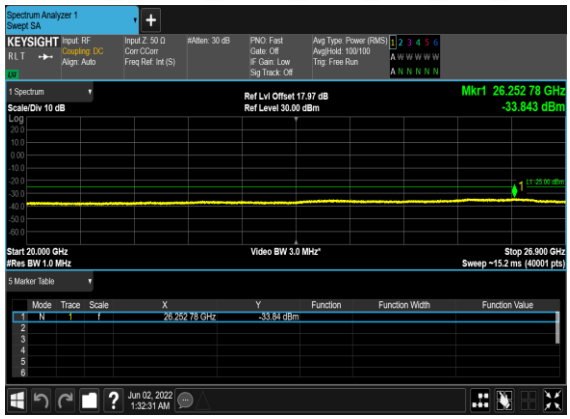
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



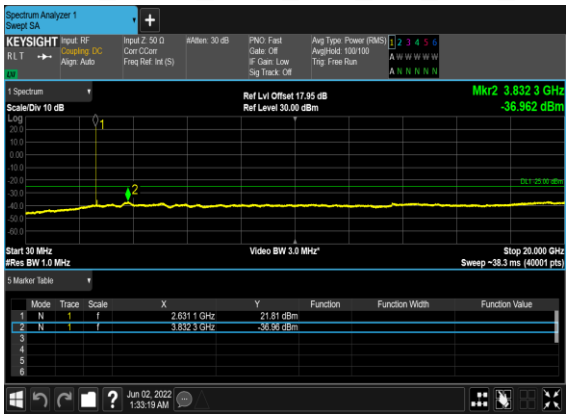
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



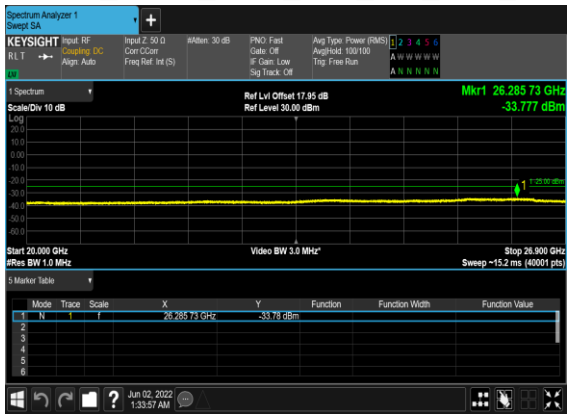
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



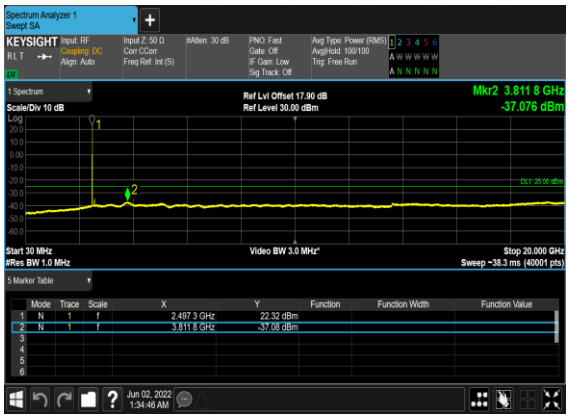
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



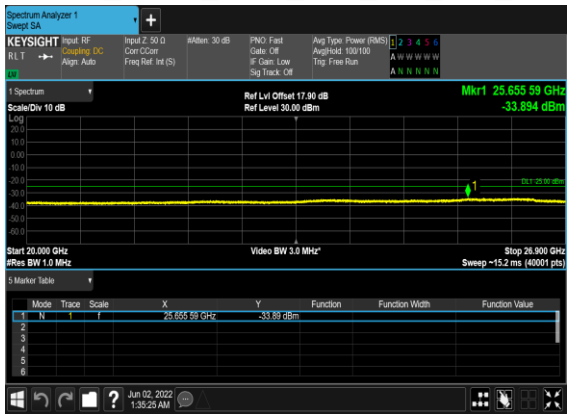
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



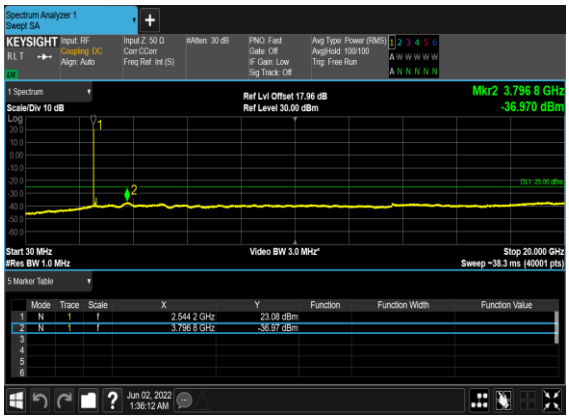
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



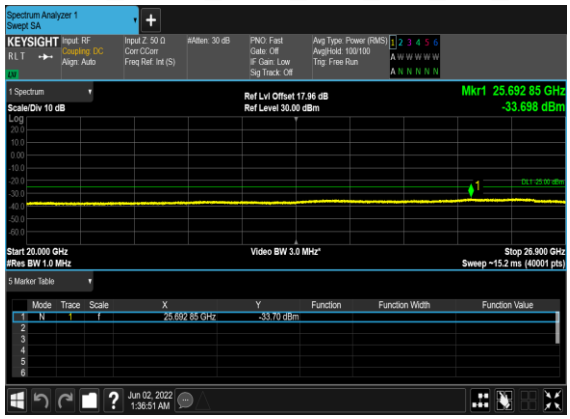
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH



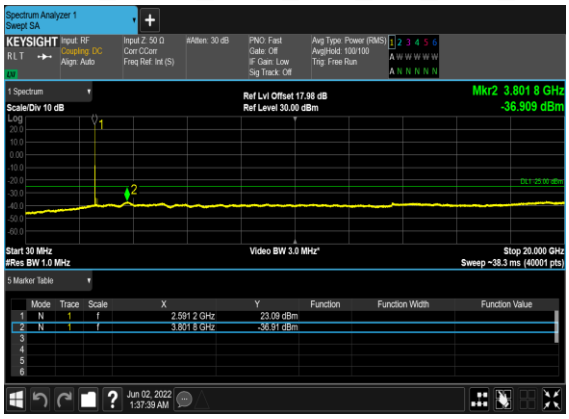
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



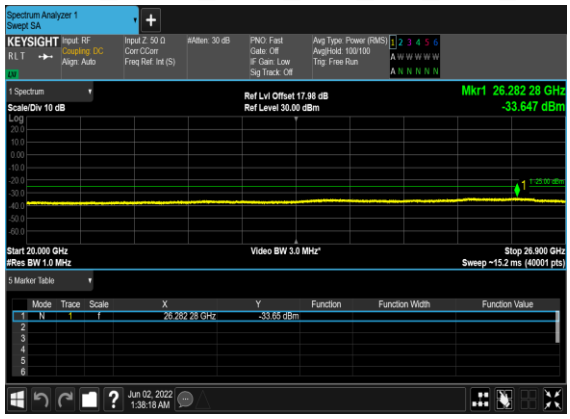
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



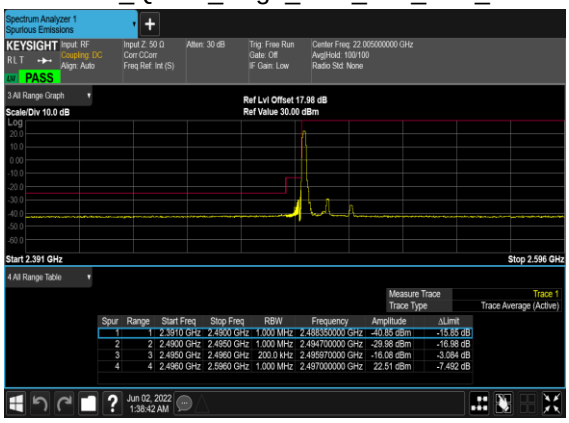
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_High_CH



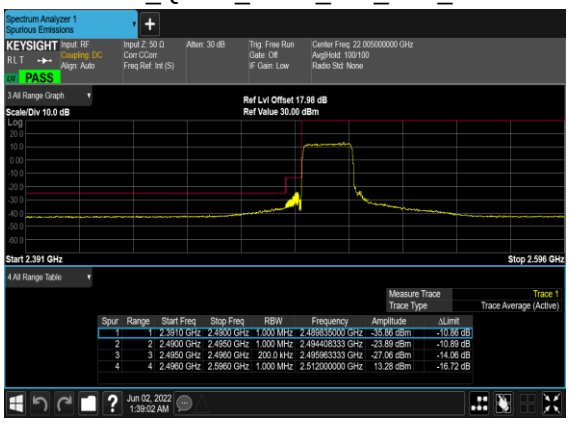
Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	20	501204	2506.02	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	20	501204	2506.02	CP-OFDM QPSK	51@0	see graph	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	1@50	see graph	**PASS**
41	30	20	535998	2679.99	CP-OFDM QPSK	51@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	60	505200	2526.0	CP-OFDM QPSK	162@0	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	1@161	see graph	**PASS**
41	30	60	531996	2659.98	CP-OFDM QPSK	162@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	**PASS**
41	30	100	509202	2546.01	CP-OFDM QPSK	273@0	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	1@272	see graph	**PASS**
41	30	100	528000	2640.0	CP-OFDM QPSK	273@0	see graph	**PASS**

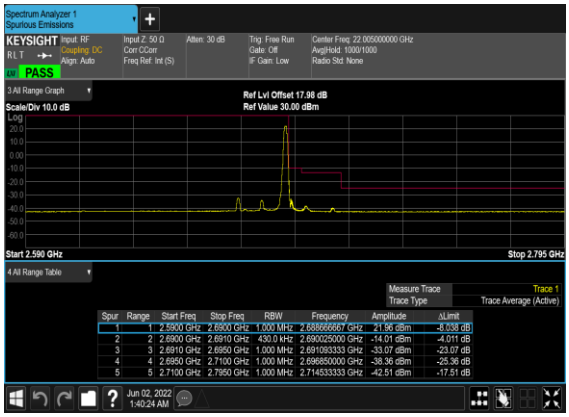
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



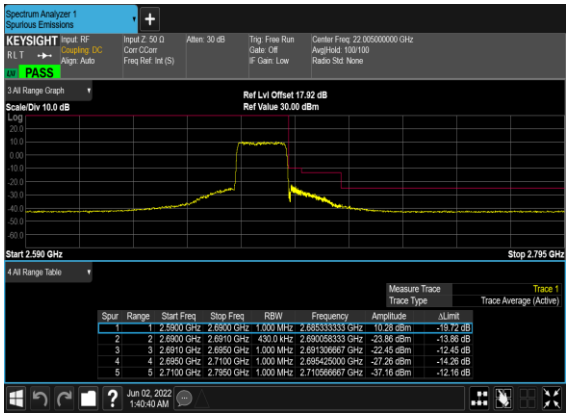
N41(20M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



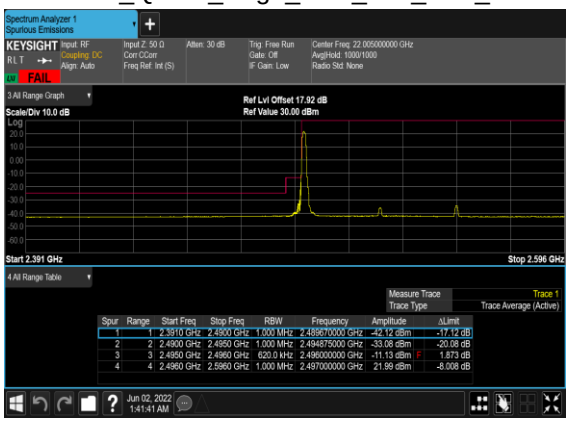
N41(20M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



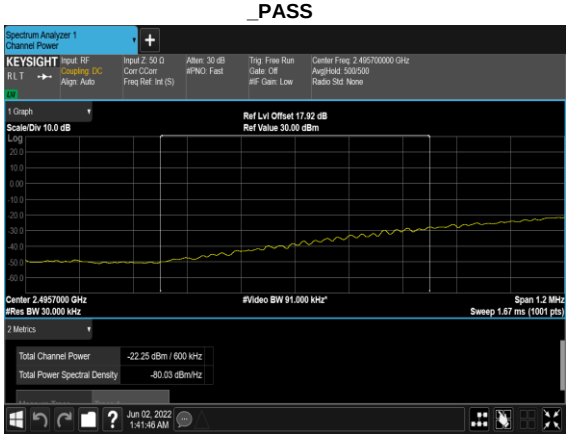
N41(20M)_CP-
OFDM_QPSK_Outer_Full_High_CH



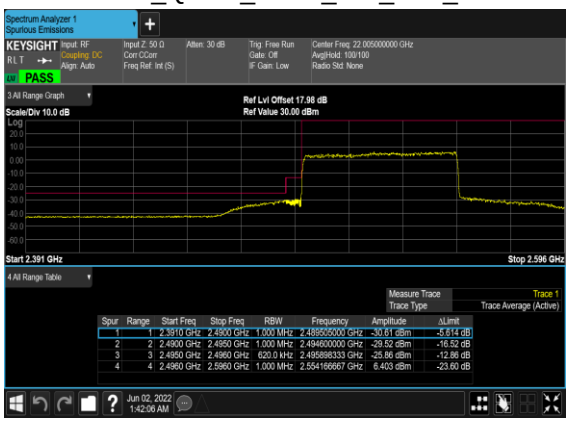
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



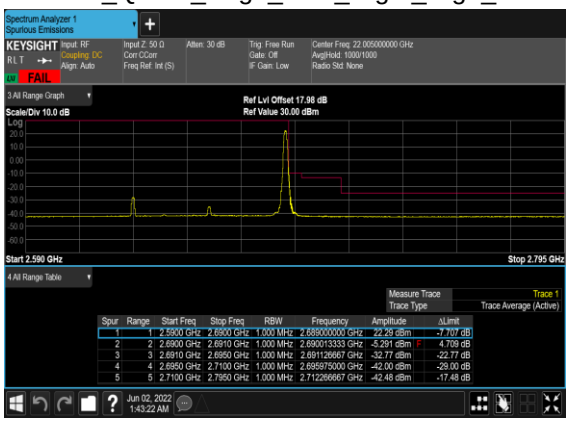
N41(60M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP**
_PASS



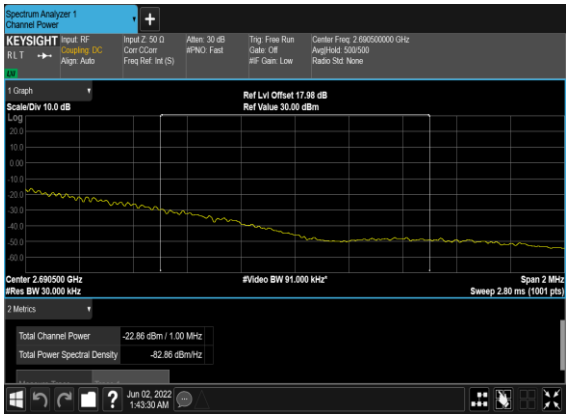
N41(60M)_CP-OFDM_QPSK_Outer_Full_Low_CH



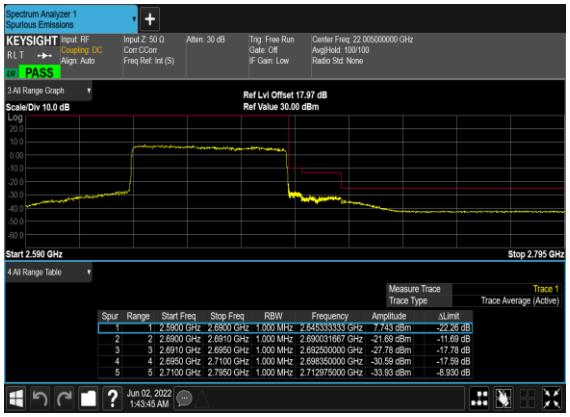
N41(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(60M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**

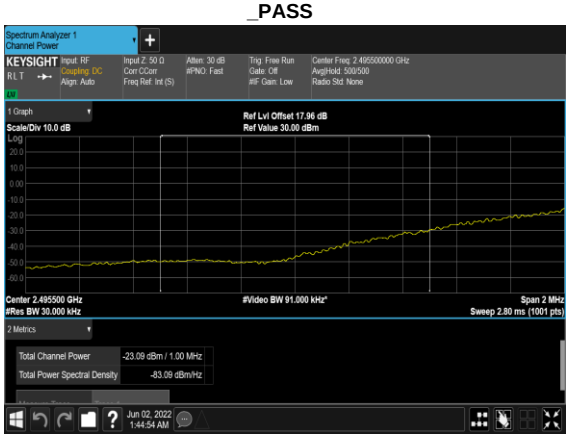


N41(60M)_CP-OFDM_QPSK_Outer_Full_High_CH

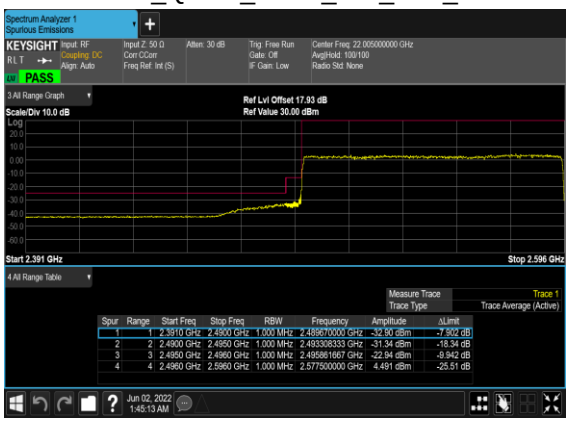


N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH

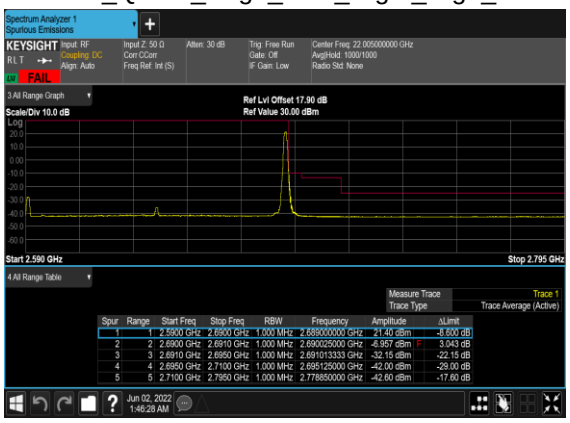
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Left_Low_CH_**CHP_PASS**



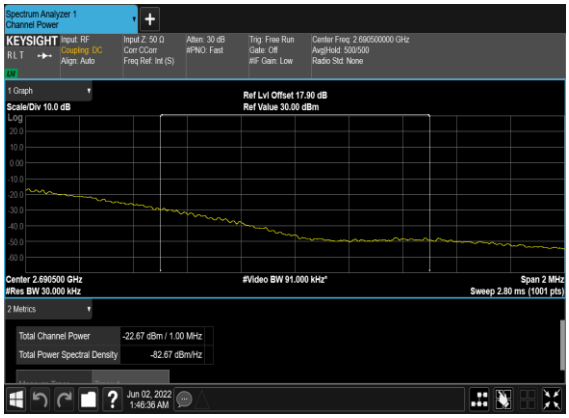
N41(100M)_CP-OFDM_QPSK_Outer_Full_Low_CH



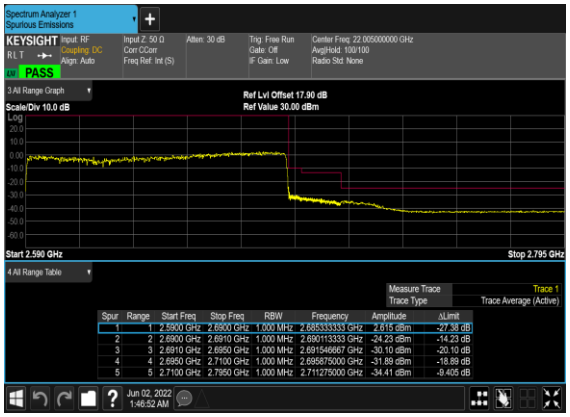
N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK_Edge_1RB_Right_High_CH_**CHP_PASS**



N41(100M)_CP-OFDM_QPSK_Outer_Full_High_CH



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shiwei Wen	Temperature :	22~25℃
		Relative Humidity :	48~52%

Note:

1. Pre-scanned harmonic for all the supported antenna combinations, choose the worst antenna combination perform final test and recorded in the report.
2. For NSA mode, pre-scanned the harmonics for all supported EN-DC Combos, only the worse cases EN-DC for each NR band are shown in the report.

SA n7 / NR 40MHz / QPSK / ANT3(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n7 Lowest	5001.40	-55.51	-25	-30.51	-75.06	-61.07	7.12	12.68	H
	7502.10	-55.36	-25	-30.36	-79.07	-58.69	8.26	11.59	H
	10002.80	-52.27	-25	-27.27	-79.23	-53.80	10.45	11.98	H
	5001.40	-59.67	-25	-34.67	-79.21	-65.23	7.12	12.68	V
	7502.10	-55.12	-25	-30.12	-79.24	-58.45	8.26	11.59	V
	10002.80	-53.85	-25	-28.85	-79.32	-55.38	10.45	11.98	V
NR n7 Middle	5034.00	-56.18	-25	-31.18	-75.77	-61.74	7.14	12.70	H
	7551.00	-55.05	-25	-30.05	-78.69	-58.35	8.30	11.60	H
	10068.00	-52.50	-25	-27.50	-79.45	-54.02	10.48	12.00	H
	5034.00	-59.43	-25	-34.43	-78.95	-64.99	7.14	12.70	V
	7551.00	-54.62	-25	-29.62	-78.71	-57.92	8.30	11.60	V
	10068.00	-53.55	-25	-28.55	-79.11	-55.07	10.48	12.00	V
NR n7 Highest	5064.00	-54.16	-25	-29.16	-73.78	-59.72	7.16	12.72	H
	7596.00	-55.00	-25	-30.00	-78.57	-58.30	8.33	11.63	H
	10128.00	-52.66	-25	-27.66	-79.60	-54.26	10.50	12.10	H
	5064.00	-59.69	-25	-34.69	-79.18	-65.25	7.16	12.72	V
	7596.00	-54.55	-25	-29.55	-78.61	-57.85	8.33	11.63	V
	10128.00	-54.04	-25	-29.04	-79.67	-55.64	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_5A_n7A / LTE 10MHz + NR 40MHz / QPSK / ANT5(LTE) & ANT3(NR)									
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE Band5 Lowest	1664.18	-67.46	-13	-54.46	-74.46	-70.69	3.98	9.36	H
	2496.27	-63.76	-13	-50.76	-75.44	-67.31	4.85	10.55	H
	3328.36	-62.45	-13	-49.45	-77.32	-67.38	5.50	12.58	H
	1664.18	-67.29	-13	-54.29	-74.43	-70.52	3.98	9.36	V
	2496.27	-63.75	-13	-50.75	-75.52	-67.30	4.85	10.55	V
	3328.36	-62.36	-13	-49.36	-77.21	-67.29	5.50	12.58	V
NR n7 Lowest	5001.40	-60.89	-25	-35.89	-80.44	-66.45	7.12	12.68	H
	7502.10	-55.13	-25	-30.13	-78.84	-58.46	8.26	11.59	H
	10002.80	-52.21	-25	-27.21	-79.17	-53.74	10.45	11.98	H
	5001.40	-60.91	-25	-35.91	-80.45	-66.47	7.12	12.68	V
	7502.10	-55.31	-25	-30.31	-79.43	-58.64	8.26	11.59	V
	10002.80	-53.65	-25	-28.65	-79.12	-55.18	10.45	11.98	V
LTE Band5 Middle	1664.18	-67.51	-13	-54.51	-74.51	-70.76	4.00	9.40	H
	2496.27	-63.71	-13	-50.71	-75.39	-67.28	4.88	10.60	H
	3328.36	-62.38	-13	-49.38	-77.25	-67.31	5.52	12.60	H
	1664.18	-67.32	-13	-54.32	-74.46	-70.57	4.00	9.40	V
	2496.27	-63.87	-13	-50.87	-75.64	-67.44	4.88	10.60	V
	3328.36	-62.62	-13	-49.62	-77.47	-67.55	5.52	12.60	V
NR n7 Middle	5051.50	-59.95	-25	-34.95	-79.56	-65.51	7.14	12.70	H
	7577.25	-54.66	-25	-29.66	-78.26	-57.96	8.30	11.60	H
	10103.00	-52.01	-25	-27.01	-78.95	-53.53	10.48	12.00	H
	5051.50	-59.97	-25	-34.97	-79.47	-65.53	7.14	12.70	V
	7577.25	-54.43	-25	-29.43	-78.51	-57.73	8.30	11.60	V
	10103.00	-54.16	-25	-29.16	-79.76	-55.68	10.48	12.00	V
LTE Band5 Highest	1664.18	-67.51	-13	-54.51	-74.51	-70.68	4.10	9.42	H
	2496.27	-63.71	-13	-50.71	-75.39	-67.29	4.90	10.63	H
	3328.36	-62.38	-13	-49.38	-77.25	-67.30	5.55	12.62	H
	1664.18	-67.32	-13	-54.32	-74.46	-70.49	4.10	9.42	V
	2496.27	-63.87	-13	-50.87	-75.64	-67.45	4.90	10.63	V
	3328.36	-62.62	-13	-49.62	-77.47	-67.54	5.55	12.62	V
NR n7 Highest	5051.50	-59.95	-25	-34.95	-79.56	-65.51	7.16	12.72	H
	7577.25	-54.66	-25	-29.66	-78.26	-57.96	8.33	11.63	H
	10103.00	-52.01	-25	-27.01	-78.95	-53.61	10.50	12.10	H
	5051.50	-59.97	-25	-34.97	-79.47	-65.53	7.16	12.72	V
	7577.25	-54.43	-25	-29.43	-78.51	-57.73	8.33	11.63	V
	10103.00	-54.16	-25	-29.16	-79.76	-55.76	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

SA n41 / NR 100MHz / QPSK / ANT3(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n41 Lowest	4994.00	-59.43	-25	-34.43	-78.98	-64.99	7.12	12.68	H
	7491.00	-55.38	-25	-30.38	-79.11	-58.71	8.26	11.59	H
	9988.00	-52.32	-25	-27.32	-79.28	-53.85	10.45	11.98	H
	4994.00	-59.93	-25	-34.93	-79.46	-65.49	7.12	12.68	V
	7491.00	-54.76	-25	-29.76	-78.89	-58.09	8.26	11.59	V
	9988.00	-53.71	-25	-28.71	-79.26	-55.24	10.45	11.98	V
NR n41 Middle	5088.00	-59.33	-25	-34.33	-78.98	-64.89	7.14	12.70	H
	7632.00	-55.35	-25	-30.35	-78.86	-58.65	8.30	11.60	H
	10176.00	-52.62	-25	-27.62	-79.55	-54.14	10.48	12.00	H
	5088.00	-59.45	-25	-34.45	-78.93	-65.01	7.14	12.70	V
	7632.00	-54.69	-25	-29.69	-78.73	-57.99	8.30	11.60	V
	10176.00	-53.89	-25	-28.89	-79.59	-55.41	10.48	12.00	V
NR n41 Highest	5182.00	-54.76	-25	-29.76	-74.39	-60.32	7.16	12.72	H
	7773.00	-55.33	-25	-30.33	-78.55	-58.63	8.33	11.63	H
	10364.00	-52.26	-25	-27.26	-79.16	-53.86	10.50	12.10	H
	5182.00	-60.52	-25	-35.52	-79.81	-66.08	7.16	12.72	V
	7773.00	-54.63	-25	-29.63	-78.5	-57.93	8.33	11.63	V
	10364.00	-53.56	-25	-28.56	-79.51	-55.16	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

EN-DC_26A_n41A / LTE 15MHz + NR 100MHz / QPSK / ANT1(LTE) & ANT3(NR)									
Channel	Frequency (MHz)	ERP/EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
LTE Band26 Lowest	1649.5	-67.14	-13	-54.14	-74.42	-70.37	3.98	9.36	H
	2474.5	-63.45	-13	-50.45	-75.07	-67.00	4.85	10.55	H
	3299	-61.66	-13	-48.66	-76.54	-66.59	5.50	12.58	H
	1649.5	-66.95	-13	-53.95	-74.28	-70.18	3.98	9.36	V
	2474.5	-63.54	-13	-50.54	-75.19	-67.09	4.85	10.55	V
	3299	-61.82	-13	-48.82	-76.62	-66.75	5.50	12.58	V
NR n41 Lowest	4994.00	-60.74	-25	-35.74	-80.29	-66.30	7.12	12.68	H
	7491.00	-55.05	-25	-30.05	-78.78	-58.38	8.26	11.59	H
	9988.00	-51.59	-25	-26.59	-78.55	-53.12	10.45	11.98	H
	4994.00	-60.85	-25	-35.85	-80.38	-66.41	7.12	12.68	V
	7491.00	-54.50	-25	-29.50	-78.63	-57.83	8.26	11.59	V
	9988.00	-53.09	-25	-28.09	-78.64	-54.62	10.45	11.98	V
LTE Band26 Middle	1649.5	-66.87	-13	-53.87	-74.15	-70.12	4.00	9.40	H
	2474.5	-63.66	-13	-50.66	-75.28	-67.23	4.88	10.60	H
	3299	-61.62	-13	-48.62	-76.50	-66.55	5.52	12.60	H
	1649.5	-67.02	-13	-54.02	-74.35	-70.27	4.00	9.40	V
	2474.5	-63.41	-13	-50.41	-75.06	-66.98	4.88	10.60	V
	3299	-61.93	-13	-48.93	-76.73	-66.86	5.52	12.60	V
NR n41 Middle	5088.00	-59.58	-25	-34.58	-79.23	-65.14	7.14	12.70	H
	7632.00	-54.49	-25	-29.49	-78.00	-57.79	8.30	11.60	H
	10176.00	-51.93	-25	-26.93	-78.86	-53.45	10.48	12.00	H
	5088.00	-59.99	-25	-34.99	-79.47	-65.55	7.14	12.70	V
	7632.00	-53.99	-25	-28.99	-78.03	-57.29	8.30	11.60	V
	10176.00	-53.33	-25	-28.33	-79.03	-54.85	10.48	12.00	V
LTE Band26 Highest	1649.5	-67.00	-13	-54.00	-74.28	-70.17	4.10	9.42	H
	2474.5	-63.62	-13	-50.62	-75.24	-67.20	4.90	10.63	H
	3299	-61.80	-13	-48.80	-76.68	-66.72	5.55	12.62	H
	1649.5	-66.98	-13	-53.98	-74.31	-70.15	4.10	9.42	V
	2474.5	-63.64	-13	-50.64	-75.29	-67.22	4.90	10.63	V
	3299	-61.68	-13	-48.68	-76.48	-66.60	5.55	12.62	V
NR n41 Highest	5182.00	-55.52	-25	-30.52	-75.15	-61.08	7.16	12.72	H
	7773.00	-54.97	-25	-29.97	-78.19	-58.27	8.33	11.63	H
	10364.00	-51.87	-25	-26.87	-78.77	-53.47	10.50	12.10	H
	5182.00	-60.35	-25	-35.35	-79.64	-65.91	7.16	12.72	V
	7773.00	-54.13	-25	-29.13	-78	-57.43	8.33	11.63	V
	10364.00	-53.00	-25	-28.00	-78.95	-54.60	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

n41 UL MIMO / NR 100MHz / QPSK / ANT3+ANT5(NR)									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
NR n41 Lowest	4994.80	-58.92	-25	-33.92	-81.67	-64.48	7.12	12.68	H
	7492.20	-56.02	-25	-31.02	-82.42	-59.35	8.26	11.59	H
	9989.60	-54.25	-25	-29.25	-84.24	-55.78	10.45	11.98	H
	4994.80	-57.41	-25	-32.41	-81.84	-62.97	7.12	12.68	V
	7492.20	-55.93	-25	-30.93	-82.32	-59.26	8.26	11.59	V
	9989.60	-53.22	-25	-28.22	-83.79	-54.75	10.45	11.98	V
NR n41 Middle	5089.00	-58.06	-25	-33.06	-81.51	-63.62	7.14	12.70	H
	7633.50	-56.10	-25	-31.10	-82.02	-59.40	8.30	11.60	H
	10178.00	-52.71	-25	-27.71	-83.03	-54.23	10.48	12.00	H
	5089.00	-57.34	-25	-32.34	-81.77	-62.90	7.14	12.70	V
	7633.50	-55.42	-25	-30.42	-82.02	-58.72	8.30	11.60	V
	10178.00	-51.44	-25	-26.44	-82.98	-52.96	10.48	12.00	V
NR n41 Highest	5182.80	-53.61	-25	-28.61	-77.65	-59.17	7.16	12.72	H
	7774.20	-56.06	-25	-31.06	-81.58	-59.36	8.33	11.63	H
	10365.60	-52.72	-25	-27.72	-83.37	-54.32	10.50	12.10	H
	5182.80	-57.48	-25	-32.48	-81.91	-63.04	7.16	12.72	V
	7774.20	-52.75	-25	-27.75	-81.7	-56.05	8.33	11.63	V
	10365.60	-51.11	-25	-26.11	-83.62	-52.71	10.50	12.10	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.