

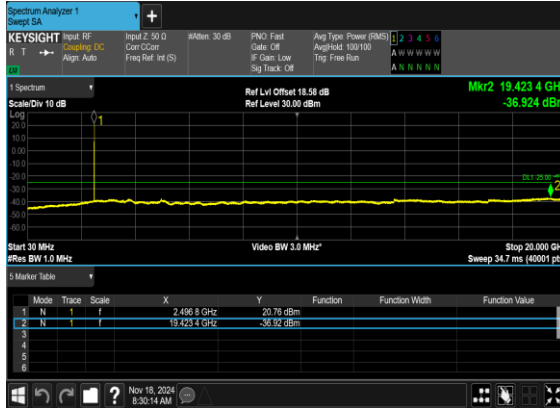
Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	---
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	---
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	---
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	40	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	1@0	see graph	---
41	30	40	534000	2670.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	---

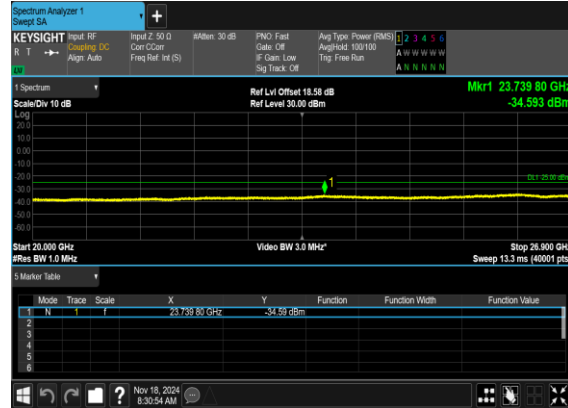
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	509202	2546.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	---
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	518598	2592.99	CP-OFDM QPSK	1@0	see graph	PASS
41	30	100	528000	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



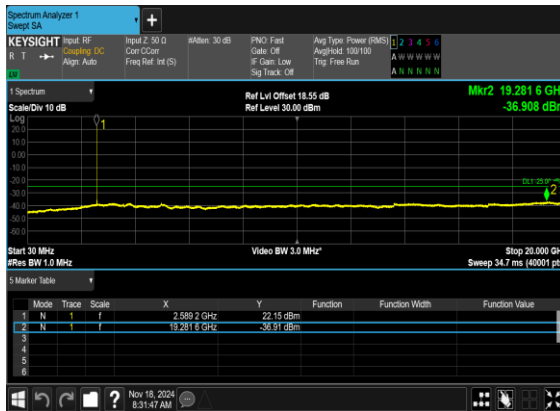
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



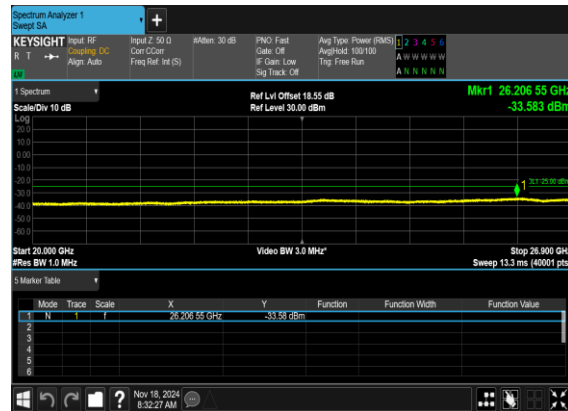
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

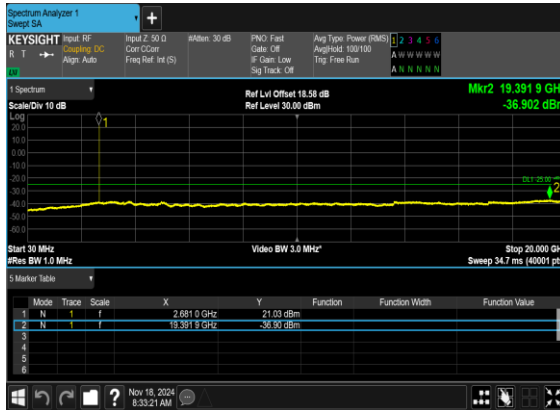


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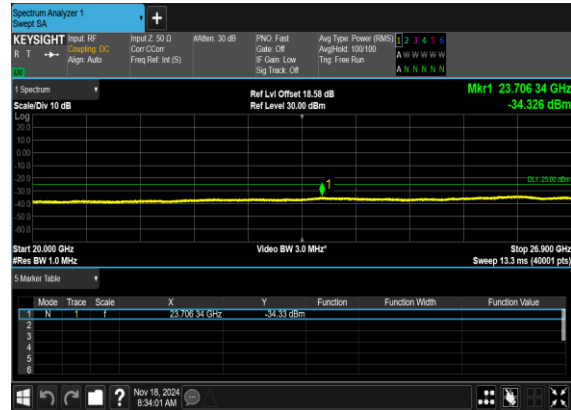




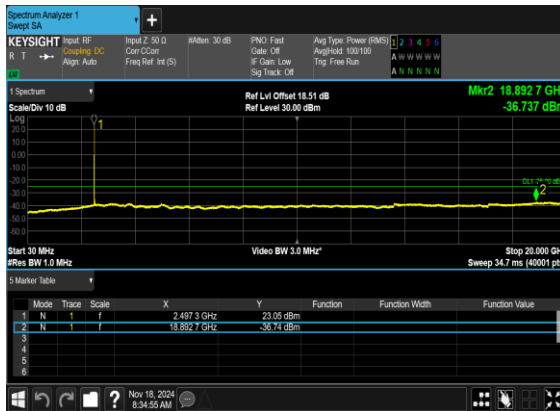
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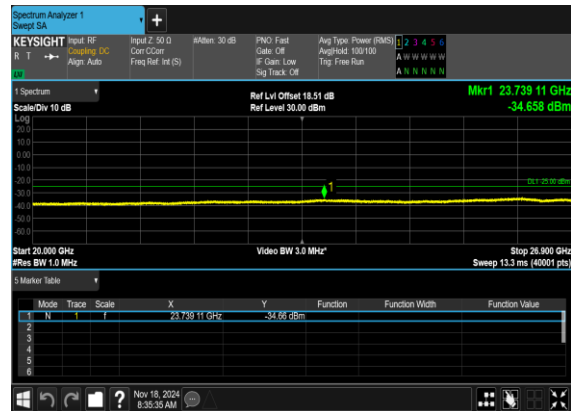
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OFDM_QPSK_Edge_1RB_Left_High_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH

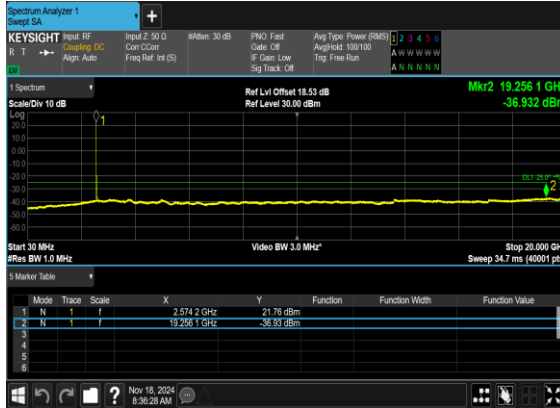


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OFDM_QPSK_Edge_1RB_Left_Low_CH

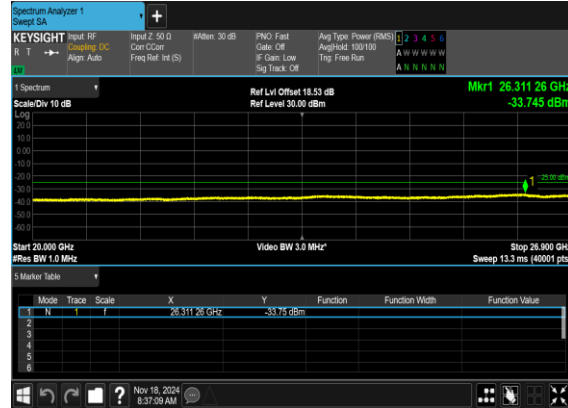




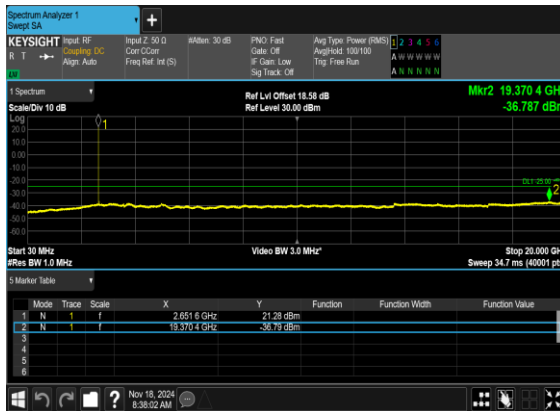
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



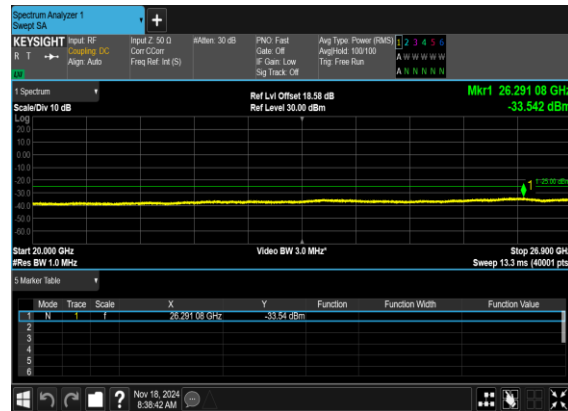
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OFDM_QPSK_Edge_1RB_Left_Mid_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

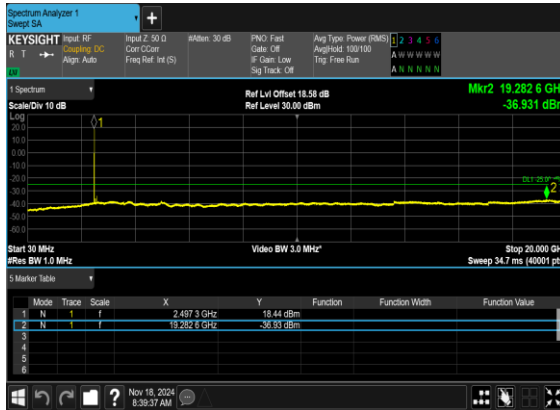


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OFDM_QPSK_Edge_1RB_Left_High_CH

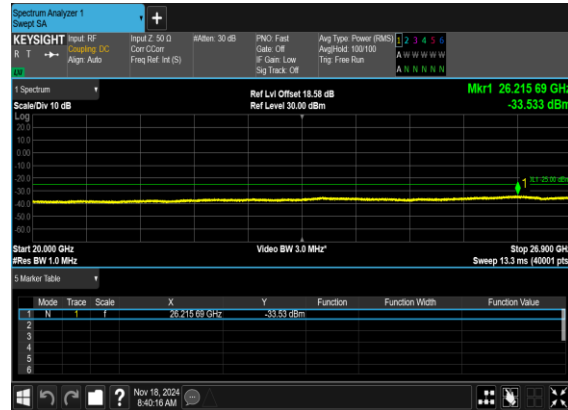




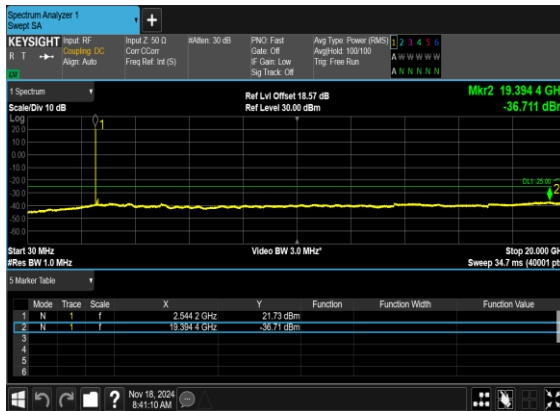
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OFDM_QPSK_Edge_1RB_Left_Low_CH



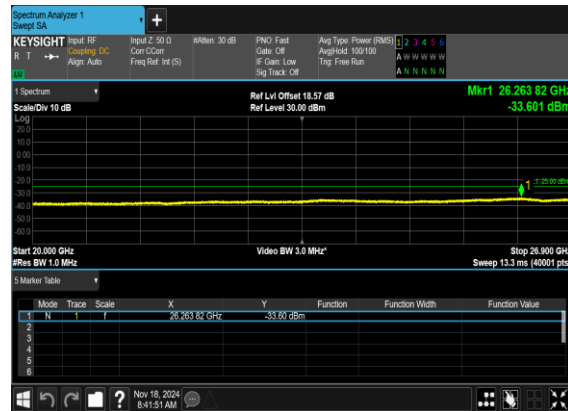
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OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

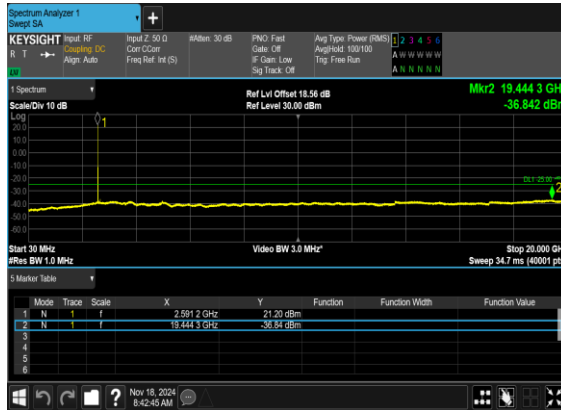


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OFDM_QPSK_Edge_1RB_Left_Mid_CH

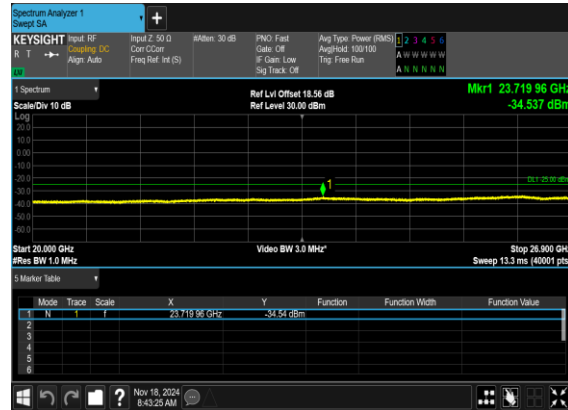




N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH



N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Left_High_CH

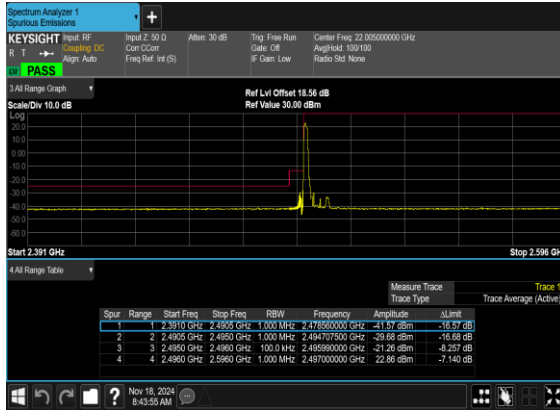


Conducted Band Edge

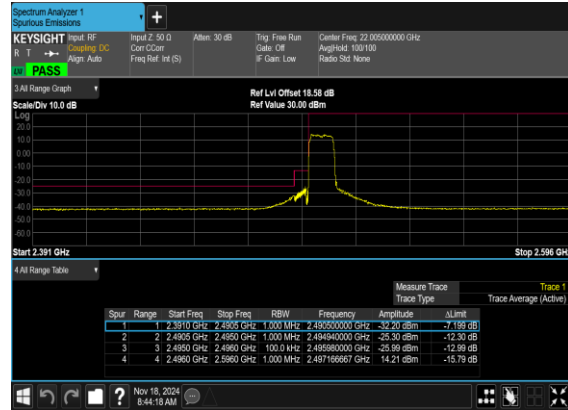
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
41	30	10	500202	2501.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	10	500202	2501.01	CP-OFDM QPSK	24@0	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	1@23	see graph	PASS
41	30	10	537000	2685.0	CP-OFDM QPSK	24@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	1@0	see graph	PASS
41	30	40	503202	2516.01	CP-OFDM QPSK	106@0	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	1@105	see graph	PASS
41	30	40	534000	2670.0	CP-OFDM QPSK	106@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



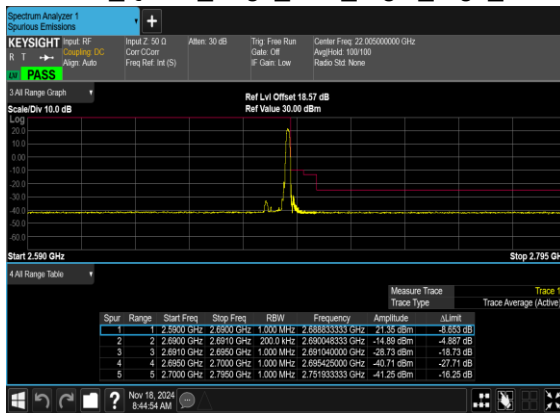
N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



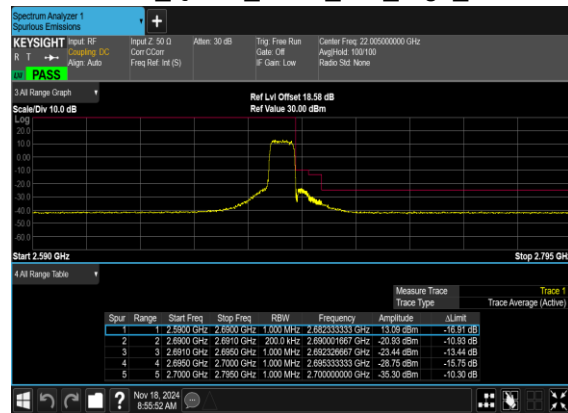
N41(10M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N41(10M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

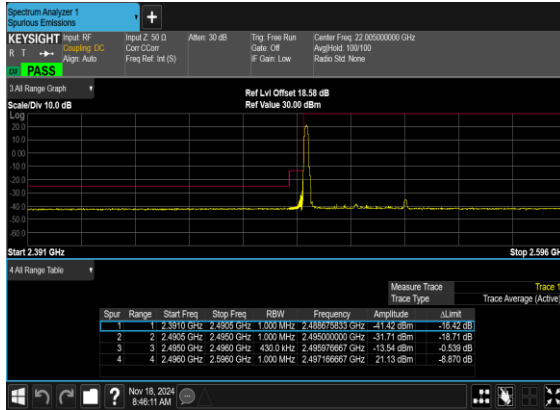


N41(10M)_CP-
OFDM_QPSK_Outer_Full_High_CH

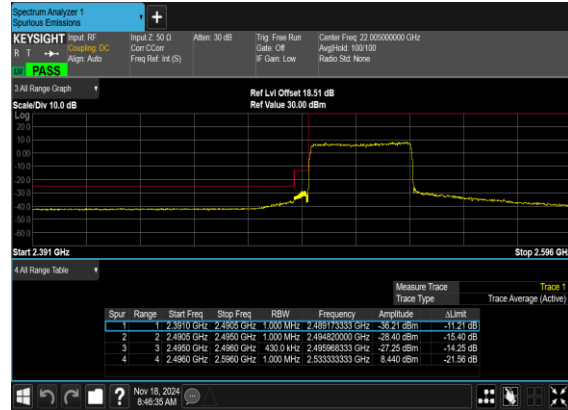




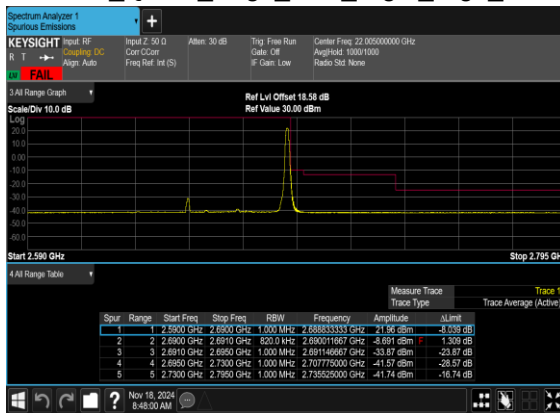
N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Left_Low_CH



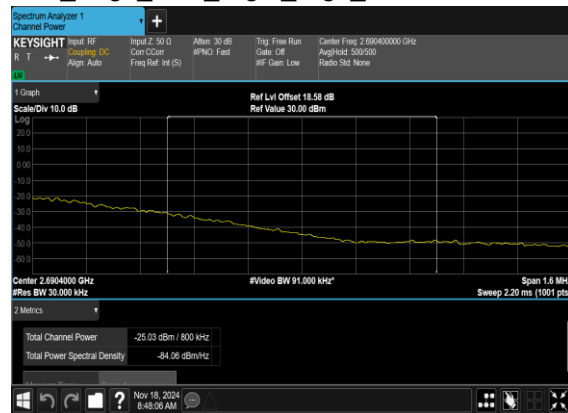
N41(40M)_CP-
OFDM_QPSK_Outer_Full_Low_CH



N41(40M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH

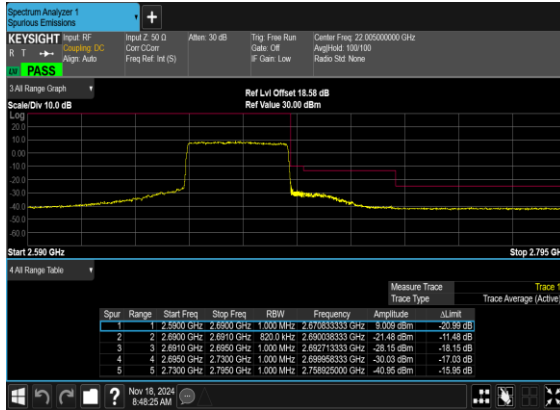


N41(40M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_chp_PASS

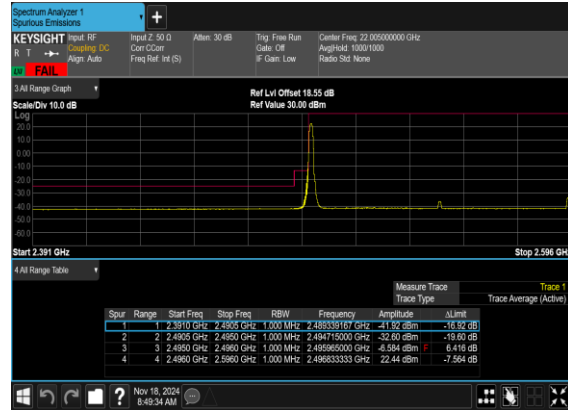




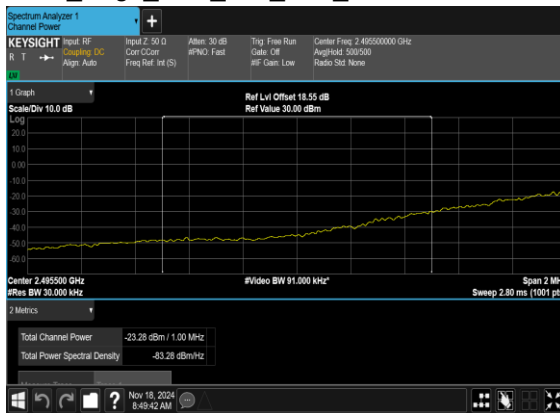
N41(40M)_CP-
OFDM_QPSK_Outer_Full_High_CH



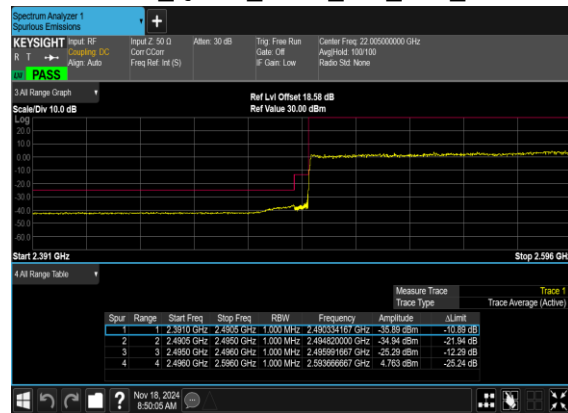
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OFDM_QPSK_Edge_1RB_Left_Low_CH



N41(100M)_CP-OFDM_QPSK
_Edge_1RB_Left_Low_CH_CHP_PASS

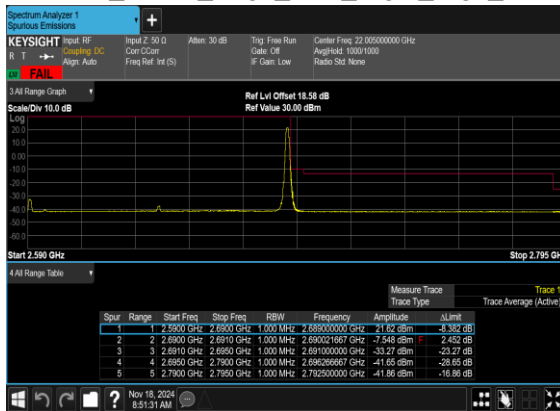


N41(100M)_CP-
OFDM_QPSK_Outer_Full_Low_CH

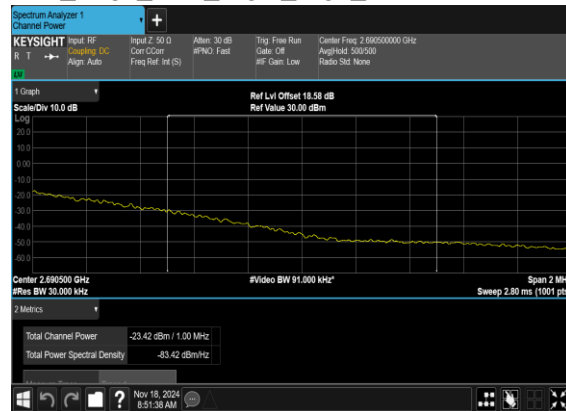




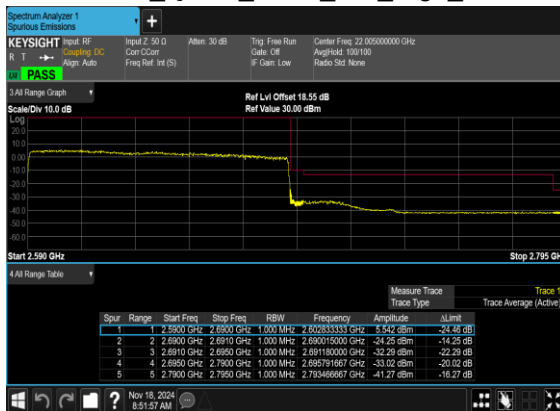
N41(100M)_CP-
OFDM_QPSK_Edge_1RB_Right_High_CH



N41(100M)_CP-OFDM_QPSK
_Edge_1RB_Right_High_CH_CHP_PASS



N41(100M)_CP-
OFDM_QPSK_Outer_Full_High_CH





Software Version: 23.06.1602

FR1 N71 ANT0

Transmitter Conducted Output Power And ERP, (GT - LC)=-5.9dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	ERP(dBm)	ERP(W)
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@1	24.84	16.79	0.0478
71	15	5	133100	665.5	DFT-s-OFDM 16 QAM	1@1	24	15.95	0.0394
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@1	25.13	17.08	0.0511
71	15	5	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.23	16.18	0.0415
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@1	24.38	16.33	0.0430
71	15	5	139100	695.5	DFT-s-OFDM 16 QAM	1@1	23.89	15.84	0.0384
71	15	10	133600	668	DFT-s-OFDM QPSK	1@1	24.95	16.9	0.0490
71	15	10	133600	668	DFT-s-OFDM 16 QAM	1@1	24.01	15.96	0.0394
71	15	10	136100	680.5	DFT-s-OFDM QPSK	1@1	25.2	17.15	0.0519
71	15	10	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.18	16.13	0.0410
71	15	10	138600	693	DFT-s-OFDM QPSK	1@1	24.95	16.9	0.0490
71	15	10	138600	693	DFT-s-OFDM 16 QAM	1@1	24.13	16.08	0.0406
71	15	15	134100	670.5	DFT-s-OFDM QPSK	1@1	24.96	16.91	0.0491
71	15	15	134100	670.5	DFT-s-OFDM 16 QAM	1@1	23.95	15.9	0.0389
71	15	15	136100	680.5	DFT-s-OFDM QPSK	1@1	25.21	17.16	0.0520
71	15	15	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.14	16.09	0.0406
71	15	15	138100	690.5	DFT-s-OFDM QPSK	1@1	24.84	16.79	0.0478
71	15	15	138100	690.5	DFT-s-OFDM 16 QAM	1@1	23.95	15.9	0.0389
71	15	20	134600	673	DFT-s-OFDM QPSK	1@1	24.93	16.88	0.0488
71	15	20	134600	673	DFT-s-OFDM 16 QAM	1@1	23.78	15.73	0.0374
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@1	25.06	17.01	0.0502
71	15	20	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.11	16.06	0.0404
71	15	20	137600	688	DFT-s-OFDM QPSK	1@1	25.13	17.08	0.0511
71	15	20	137600	688	DFT-s-OFDM 16 QAM	1@1	24.16	16.11	0.0408
71	15	25	135100	675.5	DFT-s-OFDM	1@1	25.08	17.03	0.0505

					QPSK				
71	15	25	135100	675.5	DFT-s-OFDM 16 QAM	1@1	24	15.95	0.0394
71	15	25	136100	680.5	DFT-s-OFDM QPSK	1@1	24.89	16.84	0.0483
71	15	25	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.11	16.06	0.0404
71	15	25	137100	685.5	DFT-s-OFDM QPSK	1@1	25.03	16.98	0.0499
71	15	25	137100	685.5	DFT-s-OFDM 16 QAM	1@1	24.25	16.2	0.0417
71	15	30	135600	678	DFT-s-OFDM QPSK	1@1	25.14	17.09	0.0512
71	15	30	135600	678	DFT-s-OFDM 16 QAM	1@1	24.14	16.09	0.0406
71	15	30	136100	680.5	DFT-s-OFDM QPSK	1@1	25.07	17.02	0.0504
71	15	30	136100	680.5	DFT-s-OFDM 16 QAM	1@1	24.05	16	0.0398
71	15	30	136600	683	DFT-s-OFDM QPSK	1@1	24.98	16.93	0.0493
71	15	30	136600	683	DFT-s-OFDM 16 QAM	1@1	24.11	16.06	0.0404
71	15	35	136100	680.5	DFT-s-OFDM PI/2 BPSK	90@45	25.26	17.21	0.0526
71	15	35	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@1	24.72	16.67	0.0465
71	15	35	136100	680.5	DFT-s-OFDM PI/2 BPSK	1@186	25.03	16.98	0.0499
71	15	35	136100	680.5	DFT-s-OFDM QPSK	90@45	25.27	17.22	0.0527
71	15	35	136100	680.5	DFT-s-OFDM QPSK	1@1	24.78	16.73	0.0471
71	15	35	136100	680.5	DFT-s-OFDM QPSK	1@186	25.25	17.2	0.0525
71	15	35	136100	680.5	DFT-s-OFDM 16 QAM	90@45	24.2	16.15	0.0412
71	15	35	136100	680.5	DFT-s-OFDM 16 QAM	1@1	23.89	15.84	0.0384
71	15	35	136100	680.5	DFT-s-OFDM 16 QAM	1@186	24.3	16.25	0.0422
71	15	35	136100	680.5	DFT-s-OFDM 64 QAM	90@45	22.85	14.8	0.0302
71	15	35	136100	680.5	DFT-s-OFDM 64 QAM	1@1	22.56	14.51	0.0282
71	15	35	136100	680.5	DFT-s-OFDM 64 QAM	1@186	22.91	14.86	0.0306
71	15	35	136100	680.5	DFT-s-OFDM 256 QAM	90@45	20.84	12.79	0.0190
71	15	35	136100	680.5	DFT-s-OFDM 256 QAM	1@1	19.98	11.93	0.0156
71	15	35	136100	680.5	DFT-s-OFDM 256 QAM	1@186	20.39	12.34	0.0171
71	15	35	136100	680.5	CP-OFDM QPSK	94@47	23.76	15.71	0.0372
71	15	35	136100	680.5	CP-OFDM QPSK	1@1	23.45	15.4	0.0347
71	15	35	136100	680.5	CP-OFDM QPSK	1@186	23.88	15.83	0.0383

Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	16.9	PASS	NV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	14.9	PASS	LV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	15.3	PASS	HV
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.6	PASS	-30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	15.6	PASS	-20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	19.1	PASS	-10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	10.5	PASS	0°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.1	PASS	10°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	15.3	PASS	20°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.7	PASS	30°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	12.8	PASS	40°C
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	17.3	PASS	50°C

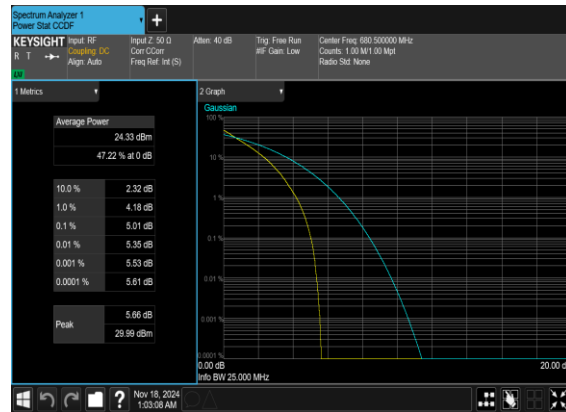
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
71	15	20	136100	680.5	DFT-s-OFDM PI/2 BPSK	100@0	4.12	13	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	100@0	5.01	13	PASS

N71(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_Mid_CH



N71(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



Occupied Bandwidth

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB BW (MHz)
71	15	5	136100	680.5	CP-OFDM QPSK	25@0	4.4641	5.078
71	15	5	136100	680.5	CP-OFDM 16 QAM	25@0	4.4767	5.102
71	15	5	136100	680.5	CP-OFDM 64 QAM	25@0	4.4678	5.047
71	15	5	136100	680.5	CP-OFDM 256 QAM	25@0	4.4771	5.115
71	15	10	136100	680.5	CP-OFDM QPSK	52@0	9.2873	10.04
71	15	10	136100	680.5	CP-OFDM 16 QAM	52@0	9.2857	9.951
71	15	10	136100	680.5	CP-OFDM 64 QAM	52@0	9.2783	9.961
71	15	10	136100	680.5	CP-OFDM 256 QAM	52@0	9.2893	10.05
71	15	15	136100	680.5	CP-OFDM QPSK	79@0	14.101	14.94
71	15	15	136100	680.5	CP-OFDM 16 QAM	79@0	14.095	14.81
71	15	15	136100	680.5	CP-OFDM 64 QAM	79@0	14.099	14.77
71	15	15	136100	680.5	CP-OFDM 256 QAM	79@0	14.104	15.05
71	15	20	136100	680.5	CP-OFDM QPSK	106@0	18.922	19.97
71	15	20	136100	680.5	CP-OFDM 16 QAM	106@0	18.94	19.98
71	15	20	136100	680.5	CP-OFDM 64 QAM	106@0	18.914	19.75
71	15	20	136100	680.5	CP-OFDM 256 QAM	106@0	18.923	19.86
71	15	25	136100	680.5	CP-OFDM QPSK	133@0	23.721	24.63
71	15	25	136100	680.5	CP-OFDM 16 QAM	133@0	23.751	24.82
71	15	25	136100	680.5	CP-OFDM 64 QAM	133@0	23.754	24.74
71	15	25	136100	680.5	CP-OFDM 256 QAM	133@0	23.723	24.69
71	15	30	136100	680.5	CP-OFDM QPSK	160@0	28.451	29.61
71	15	30	136100	680.5	CP-OFDM 16 QAM	160@0	28.469	29.49



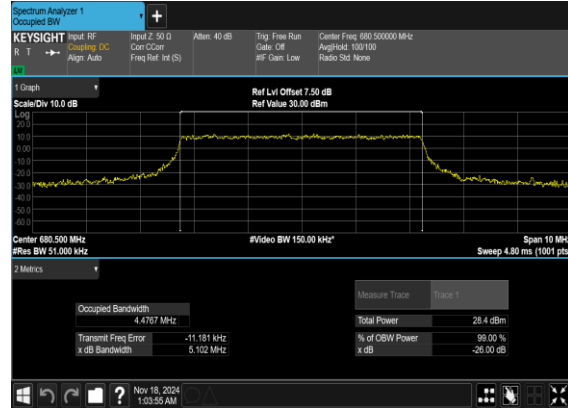
71	15	30	136100	680.5	CP-OFDM 64 QAM	160@0	28.539	29.56
71	15	30	136100	680.5	CP-OFDM 256 QAM	160@0	28.471	29.67
71	15	35	136100	680.5	CP-OFDM QPSK	188@0	33.399	34.72
71	15	35	136100	680.5	CP-OFDM 16 QAM	188@0	33.429	34.83
71	15	35	136100	680.5	CP-OFDM 64 QAM	188@0	33.417	34.63
71	15	35	136100	680.5	CP-OFDM 256 QAM	188@0	33.441	34.79



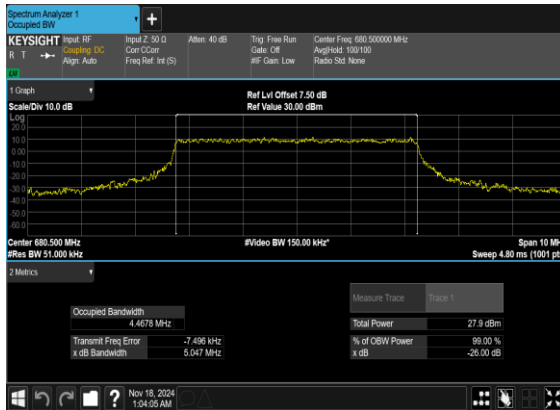
N71(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



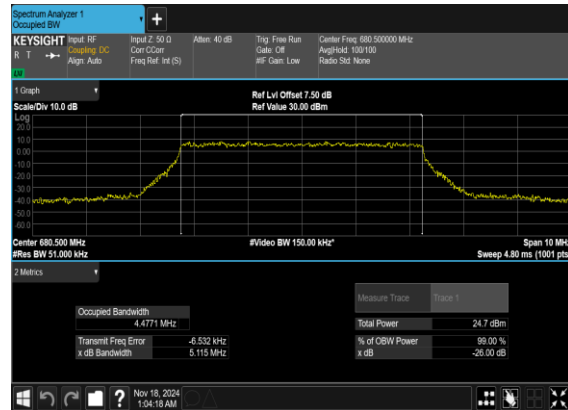
N71(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N71(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH





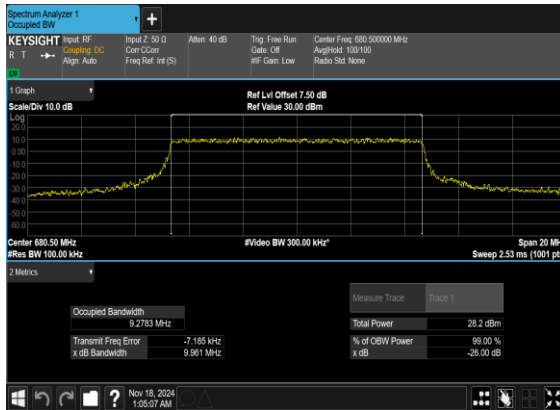
N71(10M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



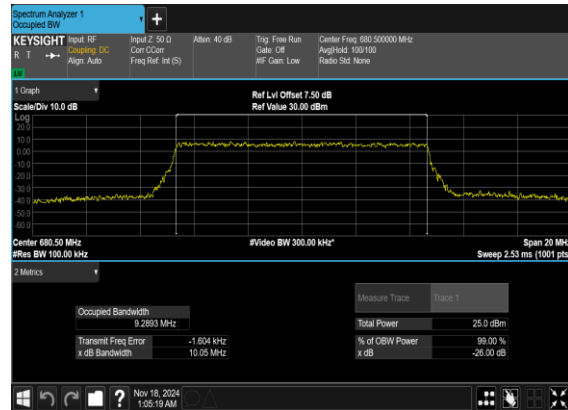
N71(10M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(10M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

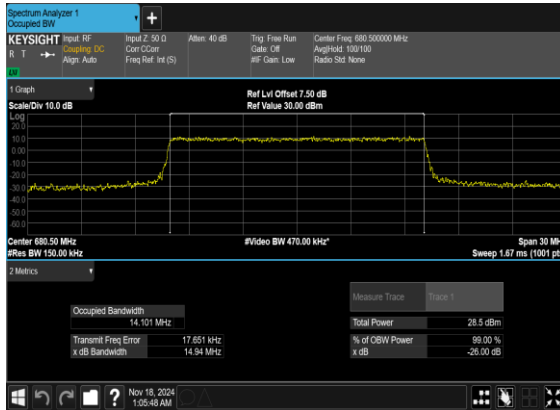


N71(10M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

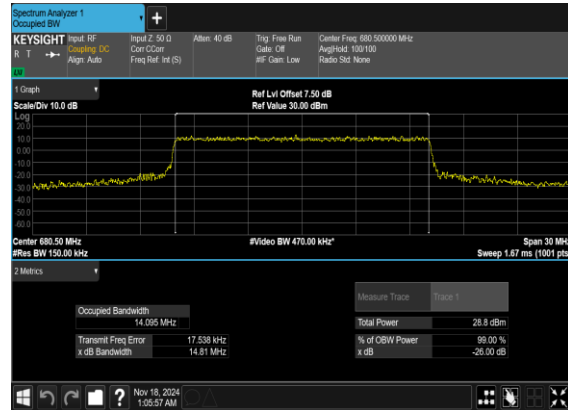




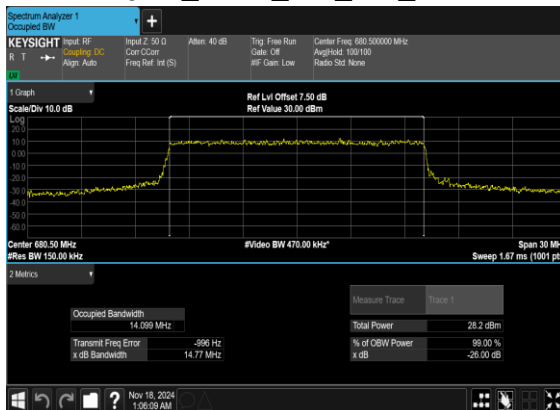
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OFDM_QPSK_Outer_Full_Mid_CH



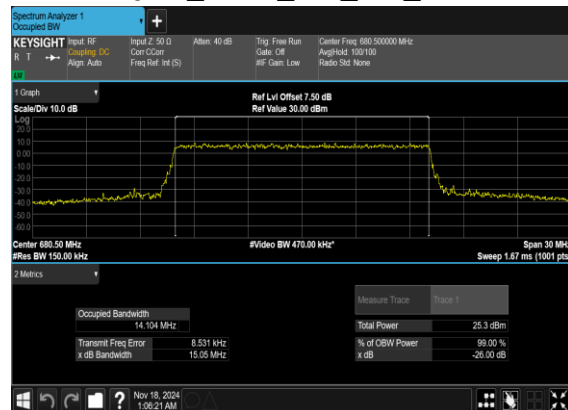
N71(15M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(15M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

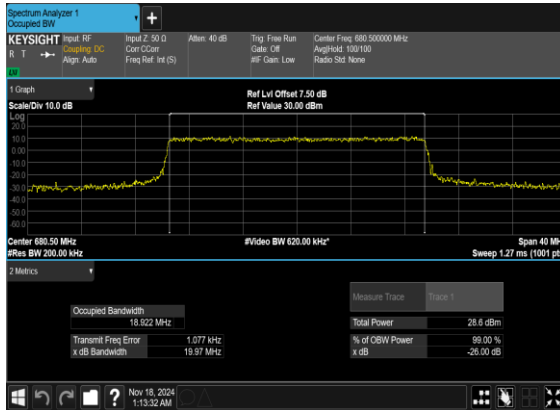


N71(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

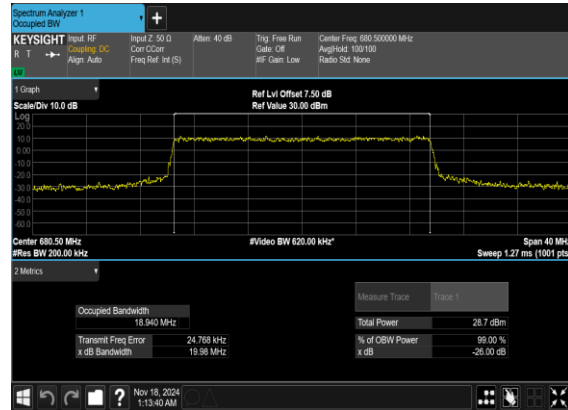




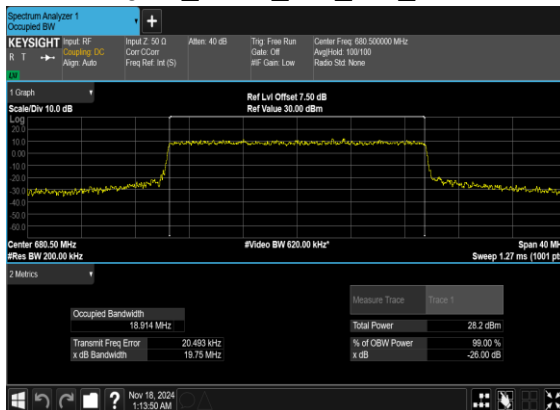
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OFDM_QPSK_Outer_Full_Mid_CH



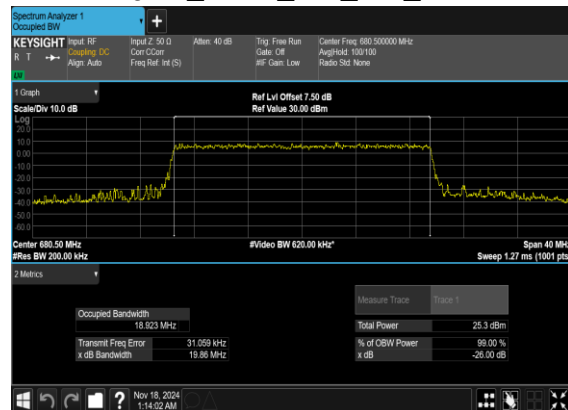
N71(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

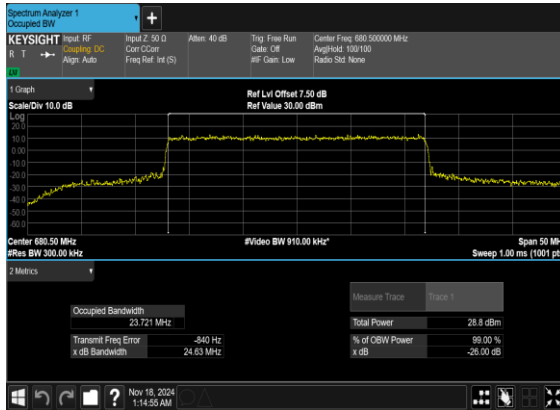


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QAM_Outer_Full_Mid_CH

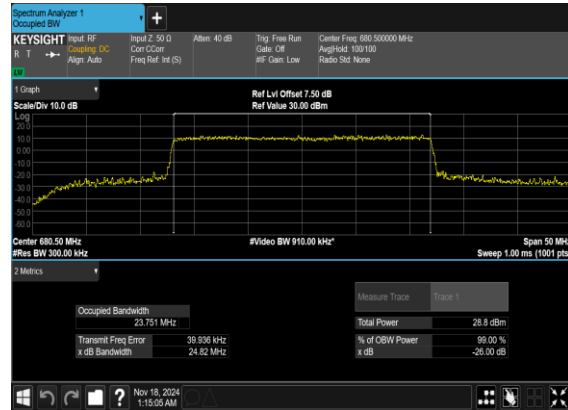




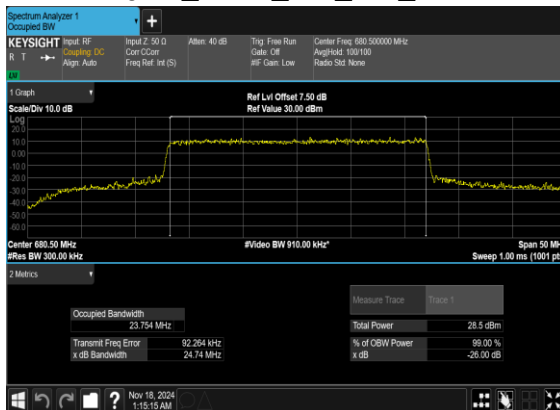
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OFDM_QPSK_Outer_Full_Mid_CH



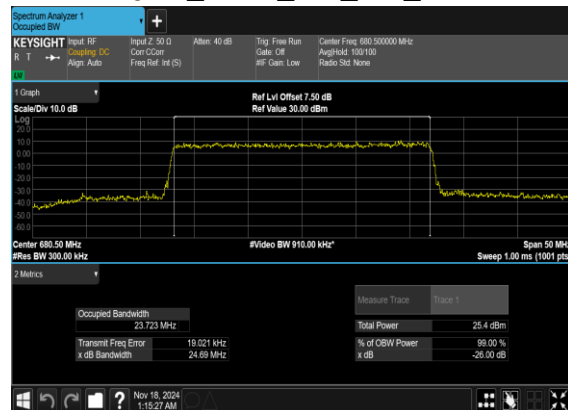
N71(25M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(25M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

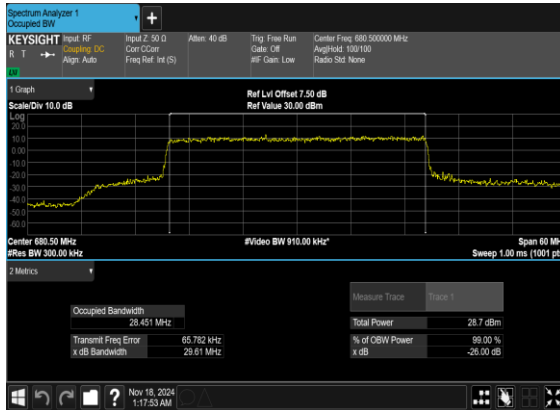


N71(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

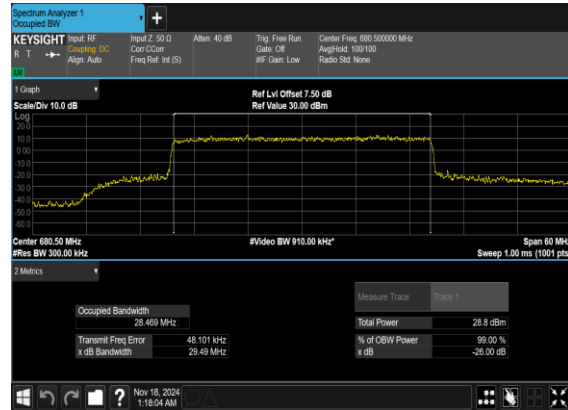




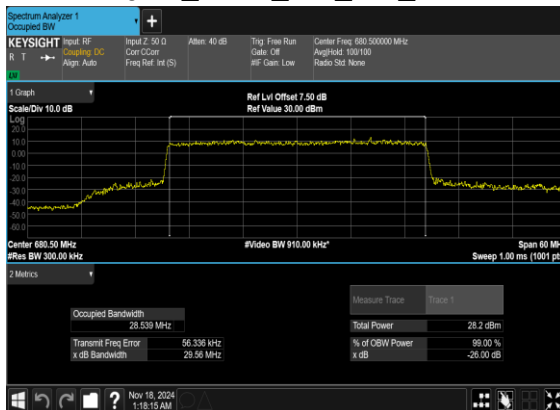
N71(30M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



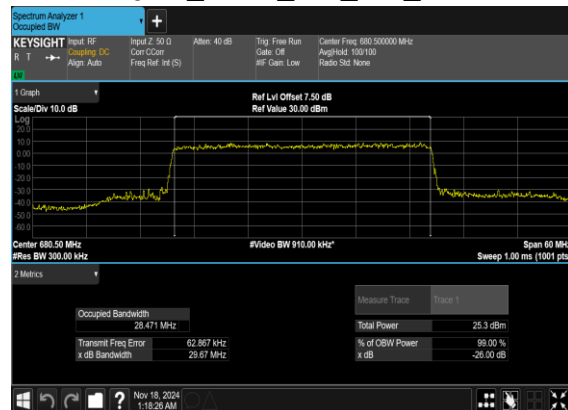
N71(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH

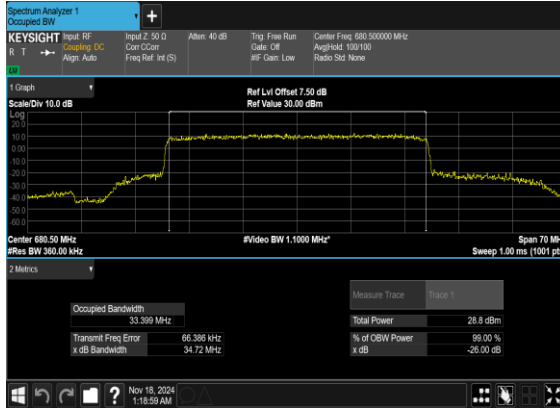


N71(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

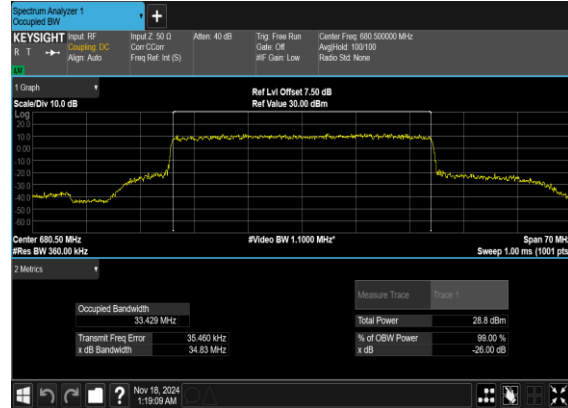




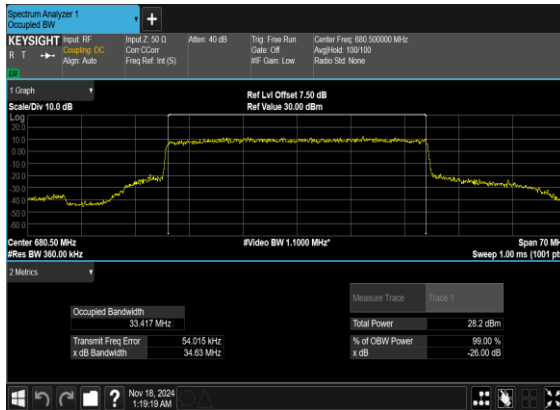
N71(35M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



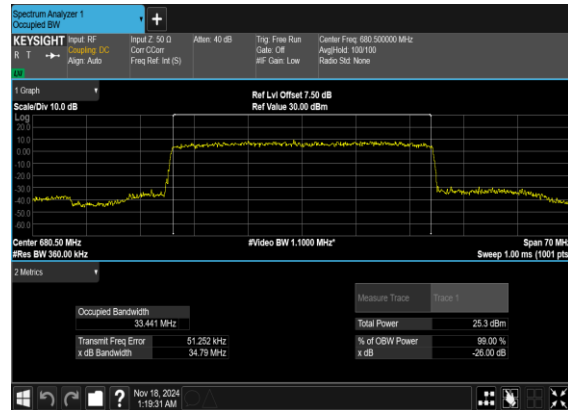
N71(35M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



N71(35M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



N71(35M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



Conducted Spurious Emissions

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---

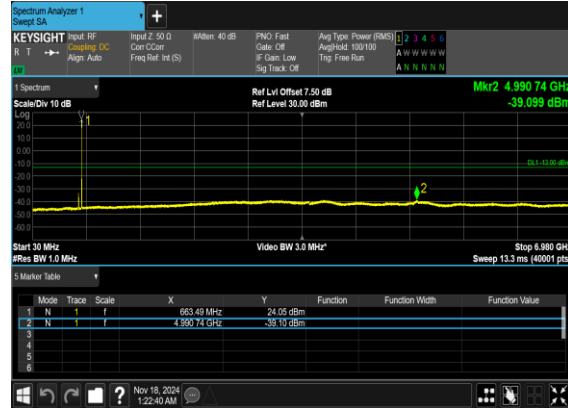
71	15	20	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	---
71	15	35	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	---
71	15	35	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS



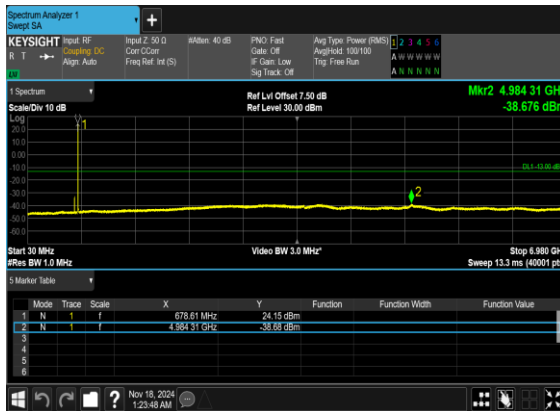
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



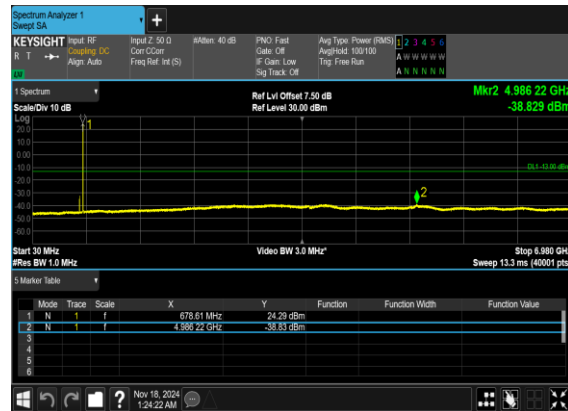
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

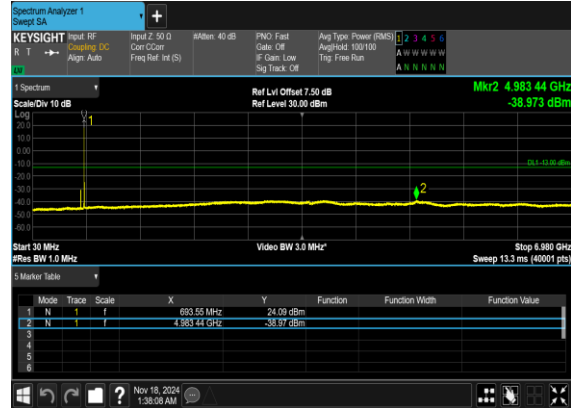




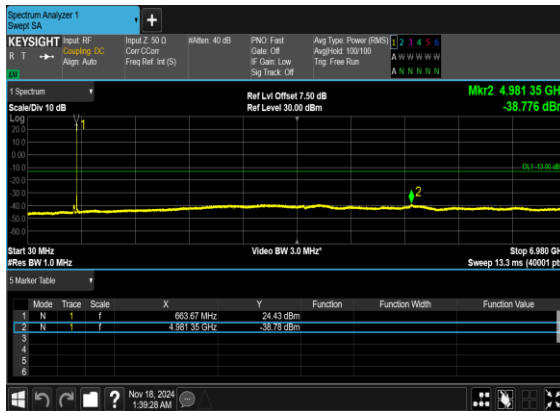
N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



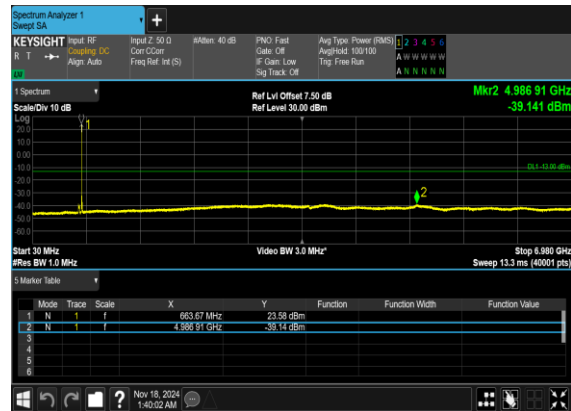
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

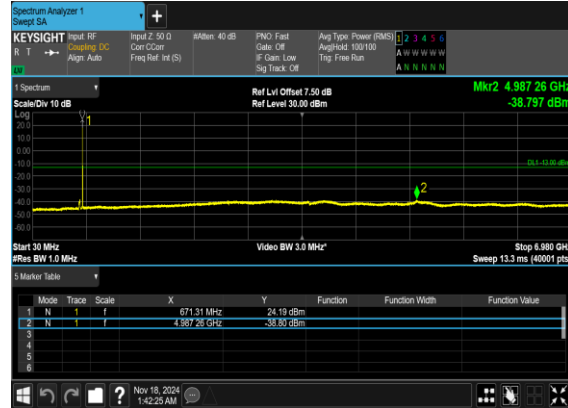




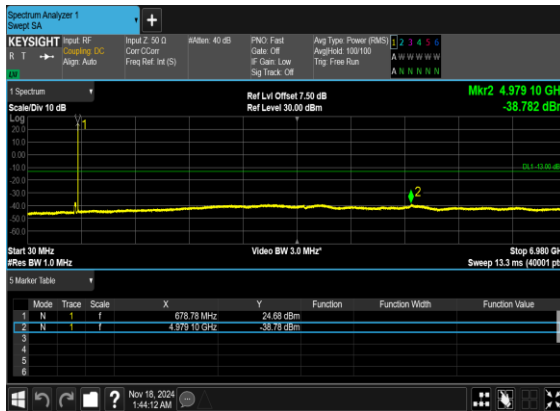
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



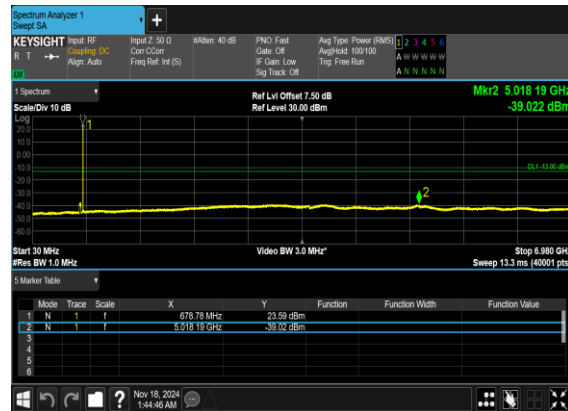
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH





N71(35M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



N71(35M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



Conducted Band Edge

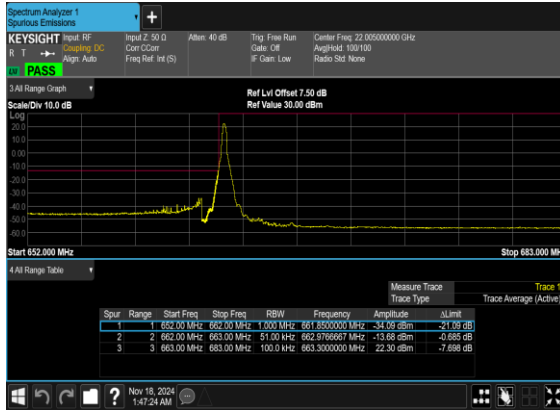
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
71	15	5	133100	665.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	133100	665.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
71	15	5	139100	695.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	134600	673.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
71	15	20	137600	688.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM BPSK	1@187	see graph	PASS



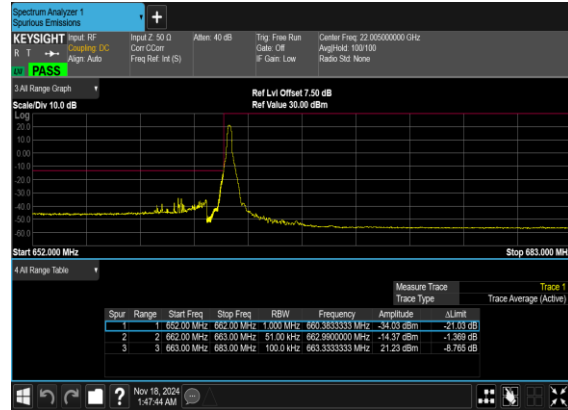
71	15	35	136100	680.5	DFT-s-OFDM QPSK	1@187	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM BPSK	188@0	see graph	PASS
71	15	35	136100	680.5	DFT-s-OFDM QPSK	188@0	see graph	PASS



N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



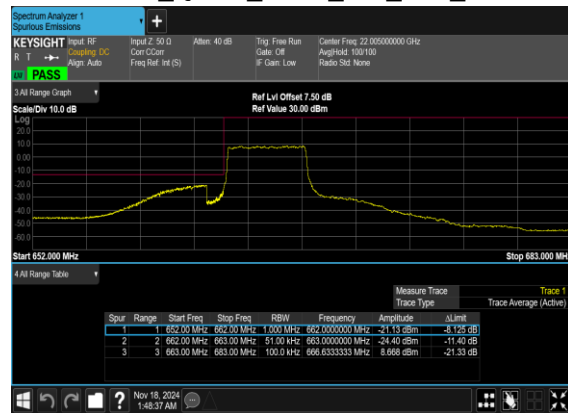
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

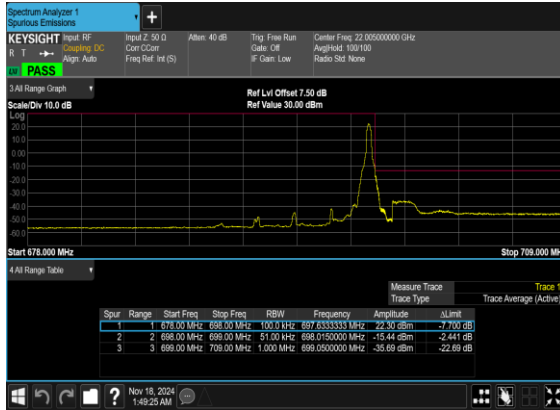


N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N71(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



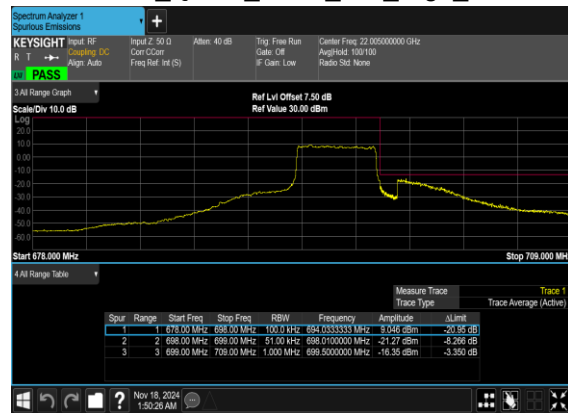
N71(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

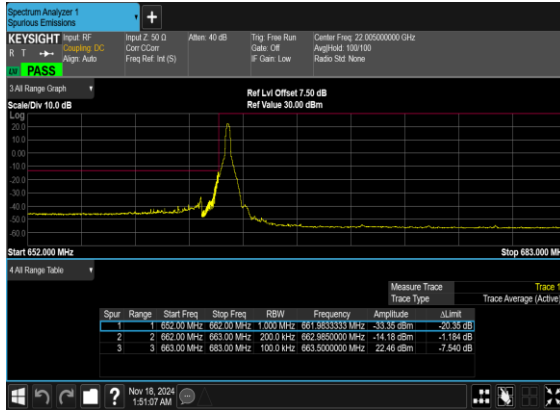


N71(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

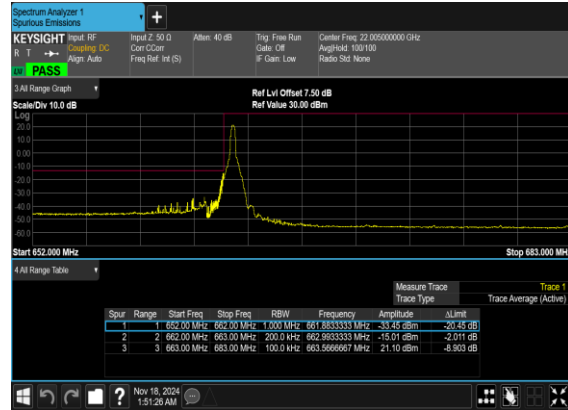




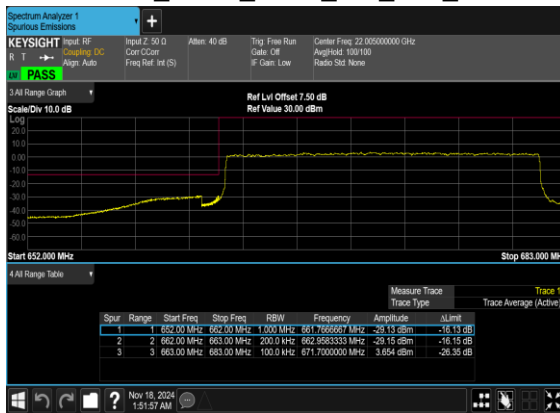
N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



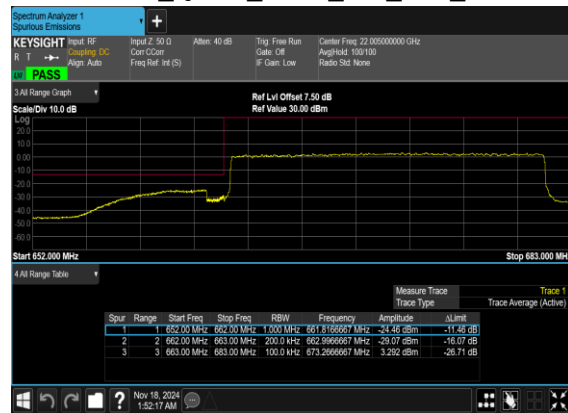
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

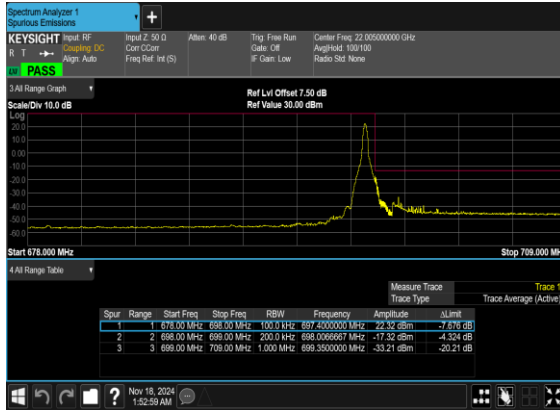


N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

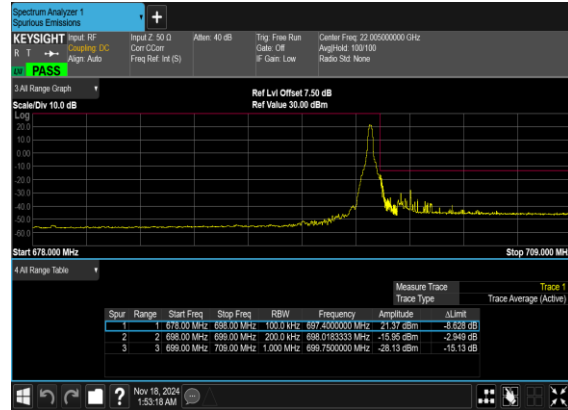




N71(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



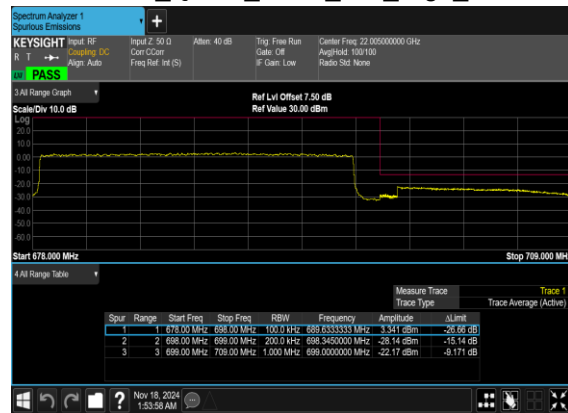
N71(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N71(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

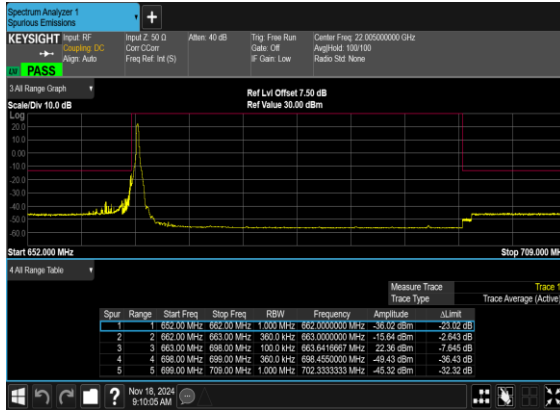


N71(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

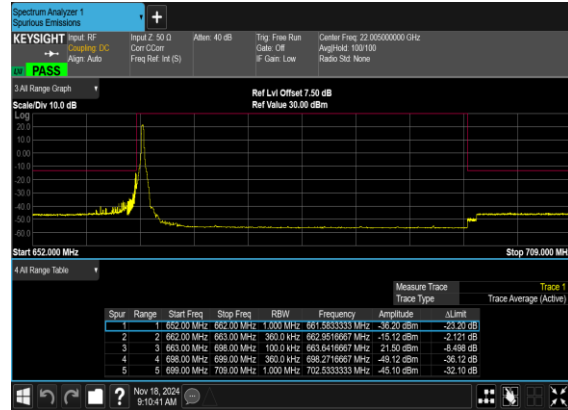




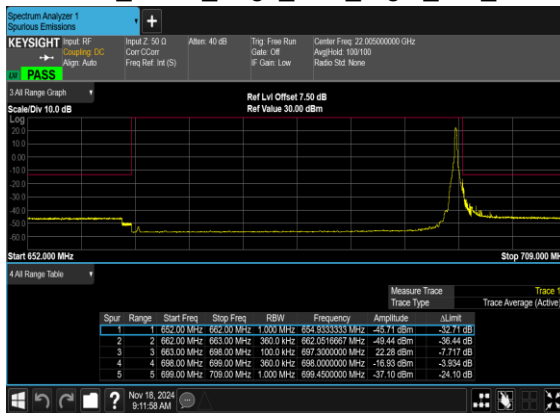
N71(35M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



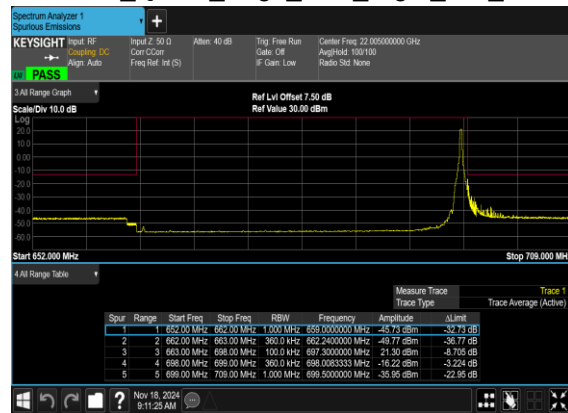
N71(35M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N71(35M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_Mid_CH

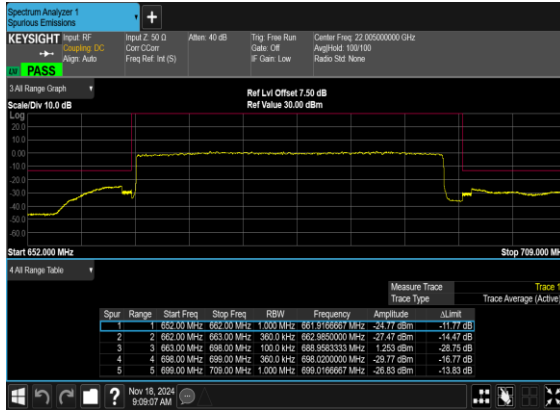


N71(35M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_Mid_CH

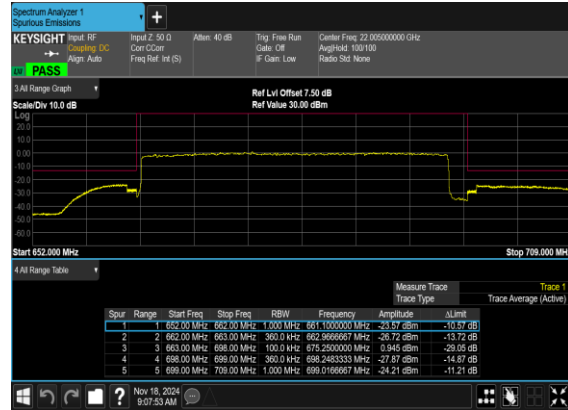




N71(35M)_DFT-s-
OFDM_BPSK_Outer_Full_Mid_CH



N71(35M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Smile Wang	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

n7 SA / NR 50MHz / QPSK (ANT5)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5040	-63.23	-25	-38.23	-73.44	3.03	13.24	H
	7545	-59.86	-25	-34.86	-69.31	3.56	13.01	H
	10065	-56.09	-25	-31.09	-65.61	3.92	13.44	H
	5040	-63.43	-25	-38.43	-73.64	3.03	13.24	V
	7545	-61.60	-25	-36.60	-71.05	3.56	13.01	V
	10065	-56.92	-25	-31.92	-66.44	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT6+5)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5040	-63.13	-25	-38.13	-73.34	3.03	13.24	H
	7545	-60.60	-25	-35.60	-70.05	3.56	13.01	H
	10065	-60.98	-25	-35.98	-70.50	3.92	13.44	H
	5040	-63.03	-25	-38.03	-73.24	3.03	13.24	V
	7545	-54.95	-25	-29.95	-64.40	3.56	13.01	V
	10065	-60.39	-25	-35.39	-69.91	3.92	13.44	V

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

EN-DC_66A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT6+7) - Other PA1								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5040	-62.96	-25	-37.96	-73.17	3.03	13.24	H
	7545	-59.01	-25	-34.01	-68.46	3.56	13.01	H
	10065	-61.10	-25	-36.10	-70.62	3.92	13.44	H
	5040	-63.28	-25	-38.28	-73.49	3.03	13.24	V
	7545	-55.53	-25	-30.53	-64.98	3.56	13.01	V
	10065	-60.24	-25	-35.24	-69.76	3.92	13.44	V

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

EN-DC_5A_n7A / LTE 10MHz + NR 40MHz / QPSK (ANT0+5) - Other PA2								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5040	-62.89	-25	-37.89	-73.10	3.03	13.24	H
	7545	-59.59	-25	-34.59	-69.04	3.56	13.01	H
	10065	-55.12	-25	-30.12	-64.64	3.92	13.44	H
	5040	-63.25	-25	-38.25	-73.46	3.03	13.24	V
	7545	-61.79	-25	-36.79	-71.24	3.56	13.01	V
	10065	-54.10	-25	-29.10	-63.62	3.92	13.44	V

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

n7 UL MIMO / NR 50MHz / QPSK (ANT5+6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5034	-60.99	-25	-35.99	-71.20	3.03	13.24	H
	7551.27	-62.00	-25	-37.00	-71.45	3.56	13.01	H
	10068.36	-61.87	-25	-36.87	-71.39	3.92	13.44	H
	5034	-62.12	-25	-37.12	-72.33	3.03	13.24	V
	7551.27	-61.83	-25	-36.83	-71.28	3.56	13.01	V
	10068	-62.24	-25	-37.24	-71.76	3.92	13.44	V

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

n12 SA / NR 15MHz / QPSK (ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1400	-59.81	-13	-46.81	-66.78	1.58	10.70	H
	2104	-49.85	-13	-36.85	-58.10	2.102	12.50	H
	2800	-58.49	-13	-45.49	-67.38	2.856	13.90	H
	1400	-61.33	-13	-48.33	-68.30	1.58	10.70	V
	2104	-49.98	-13	-36.98	-58.23	2.10	12.50	V
	2800	-58.10	-13	-45.10	-66.99	2.86	13.90	V

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

n41 SA / NR 100MHz / QPSK (ANT5)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5100	-63.20	-25	-38.20	-73.41	3.03	13.24	H
	7650	-61.46	-25	-36.46	-70.91	3.56	13.01	H
	10185	-60.72	-25	-35.72	-70.24	3.92	13.44	H
	5100	-63.50	-25	-38.50	-73.71	3.03	13.24	V
	7650	-61.38	-25	-36.38	-70.83	3.56	13.01	V
	10185	-60.99	-25	-35.99	-70.51	3.92	13.44	V

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



EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT6+5)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5100	-61.85	-25	-36.85	-72.06	3.03	13.24	H
	7650	-59.61	-25	-34.61	-69.06	3.56	13.01	H
	10185	-57.08	-25	-32.08	-66.60	3.92	13.44	H
	5100	-61.30	-25	-36.30	-71.51	3.03	13.24	V
	7650	-58.80	-25	-33.80	-68.25	3.56	13.01	V
	10185	-56.19	-25	-31.19	-65.71	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 10MHz + NR 100MHz / QPSK (ANT6+7) - Other PA								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5096	-57.32	-25	-32.32	-67.53	3.03	13.24	H
	7650	-54.87	-25	-29.87	-64.32	3.56	13.01	H
	10185	-52.23	-25	-27.23	-61.75	3.92	13.44	H
	5100	-57.17	-25	-32.17	-67.38	3.03	13.24	V
	7650	-54.75	-25	-29.75	-64.20	3.56	13.01	V
	10185	-51.78	-25	-26.78	-61.30	3.92	13.44	V

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

n41 UL MIMO / NR 100MHz / QPSK (ANT5+6)								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5092	-65.91	-25	-40.91	-76.12	3.03	13.24	H
	7640	-63.19	-25	-38.19	-72.64	3.56	13.01	H
	10188	-62.79	-25	-37.79	-72.31	3.92	13.44	H
	5092	-64.07	-25	-39.07	-74.28	3.03	13.24	V
	7640	-58.10	-25	-33.10	-67.55	3.56	13.01	V
	10188	-62.23	-25	-37.23	-71.75	3.92	13.44	V

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

n71 SA / NR 35MHz / QPSK (ANT0)								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1184	-68.31	-13	-55.31	-70.06	1.02	4.92	H
	1776	-61.88	-13	-48.88	-63.85	1.27	5.39	H
	2368	-61.52	-13	-48.52	-64.45	1.49	6.57	H
	1184	-67.43	-13	-54.43	-69.18	1.02	4.92	V
	1776	-61.75	-13	-48.75	-63.72	1.27	5.39	V
	2368	-60.04	-13	-47.04	-62.97	1.49	6.57	V

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