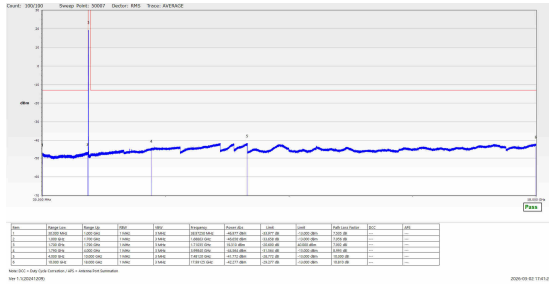
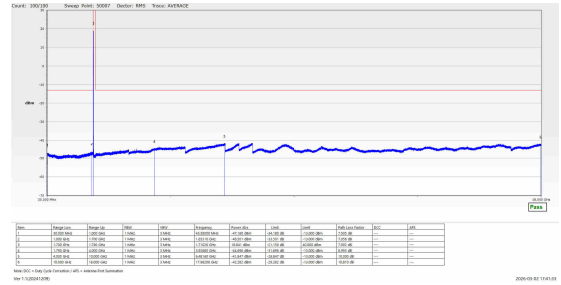




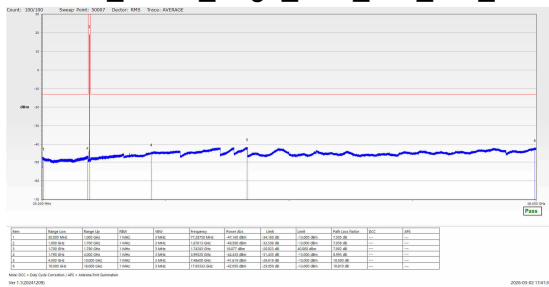
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



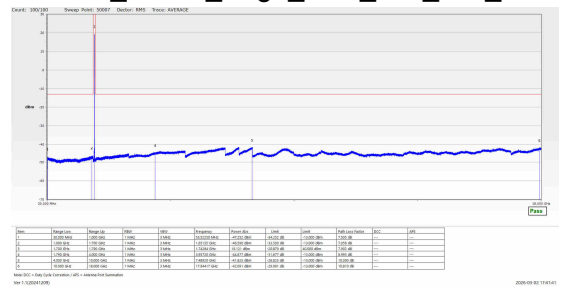
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH

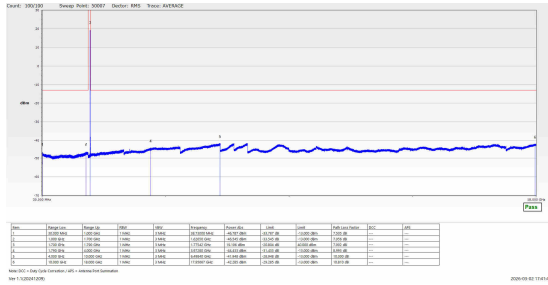


N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH

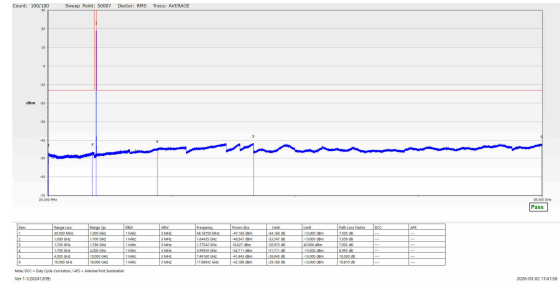




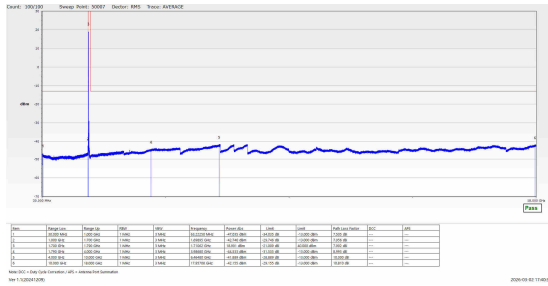
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



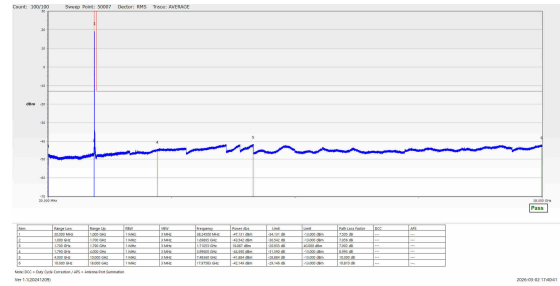
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH

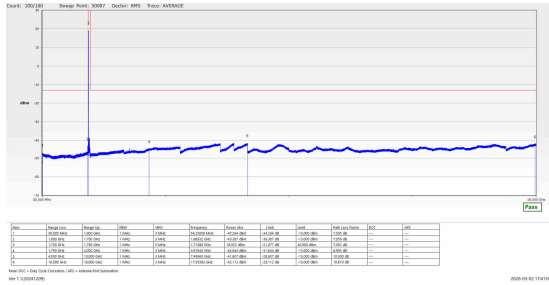


N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH

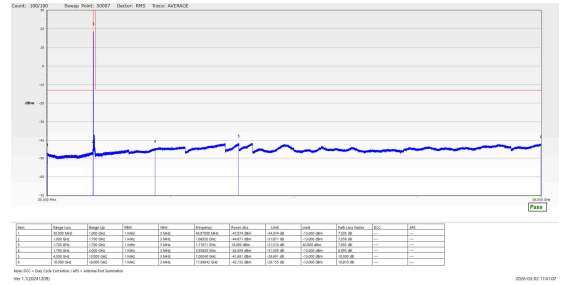




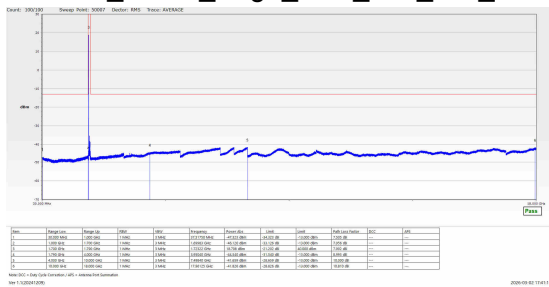
N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



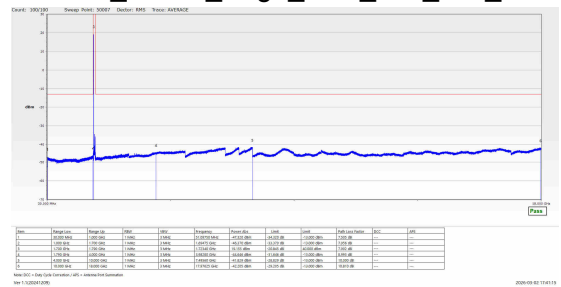
N66(45M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



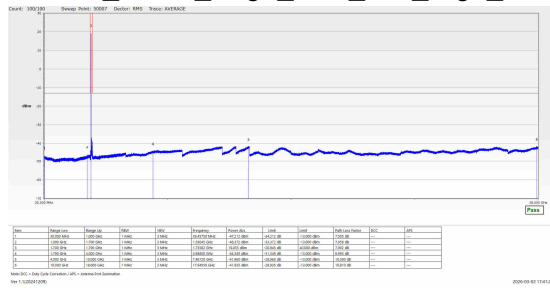
N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



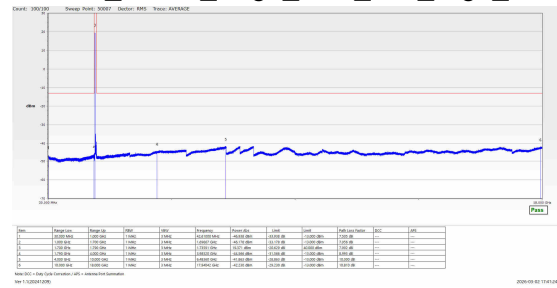
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



N66(45M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



**Conducted Band Edge**

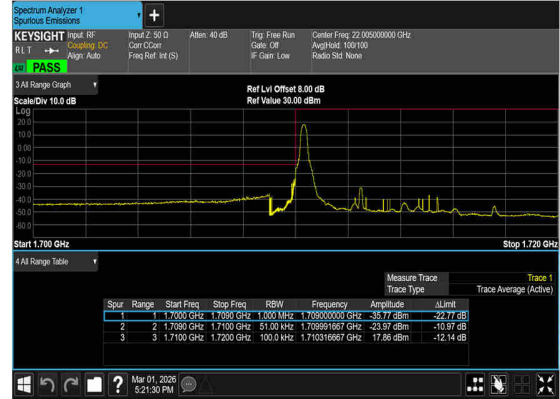
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@241	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM BPSK	240@0	see graph	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	see graph	PASS



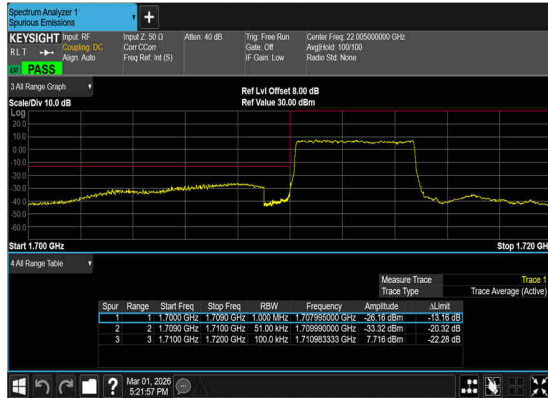
N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



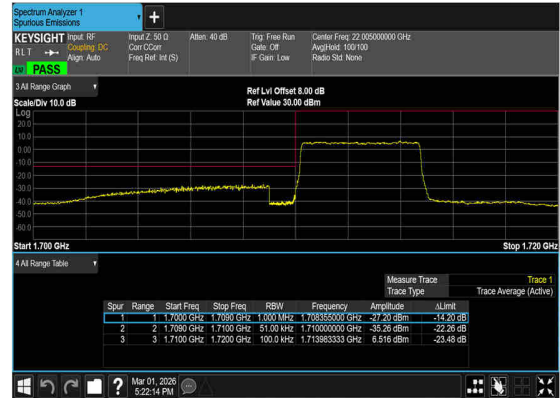
N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

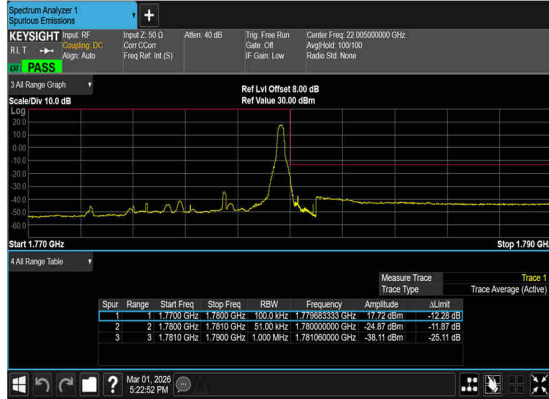


N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N66(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH

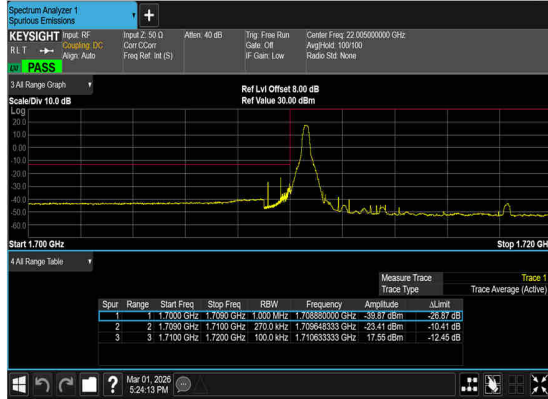


N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

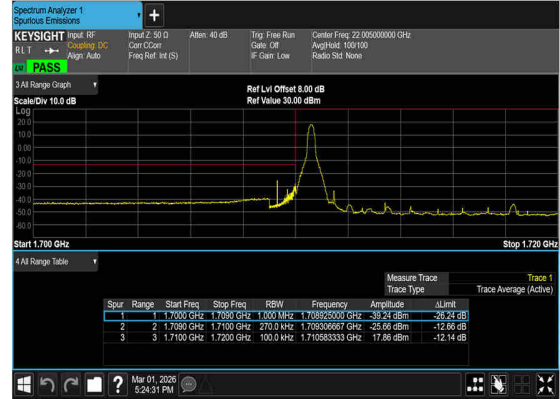




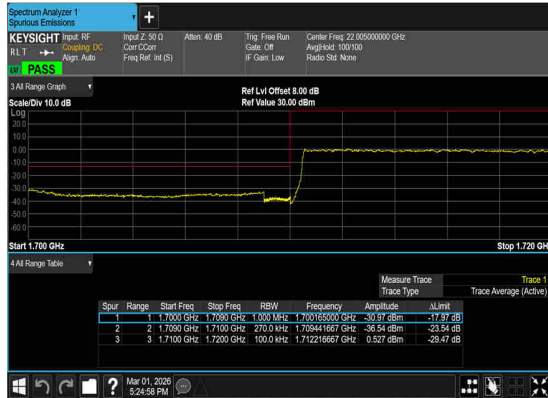
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



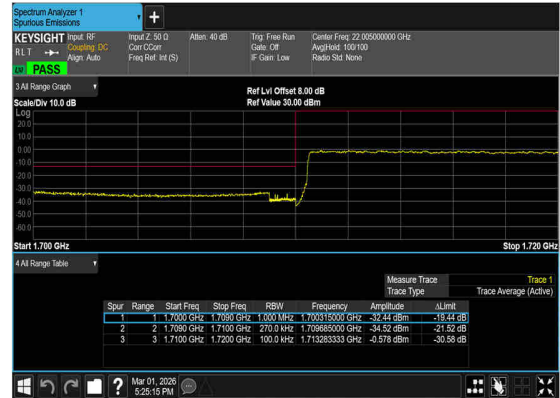
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

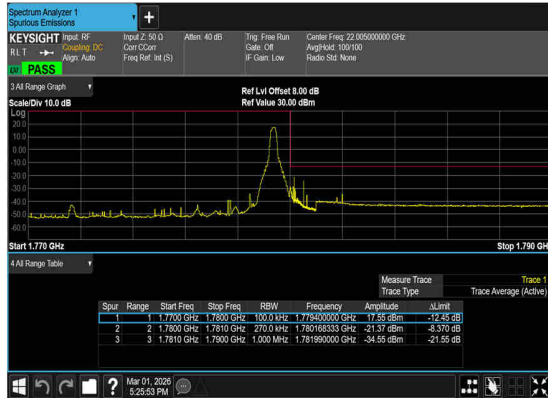


N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

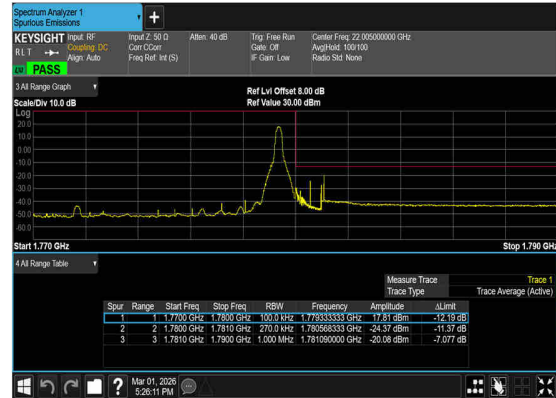




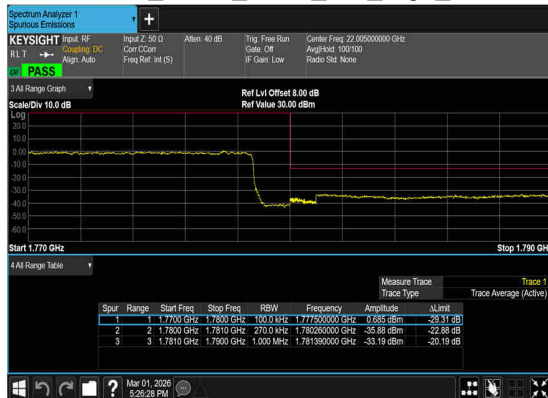
N66(25M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



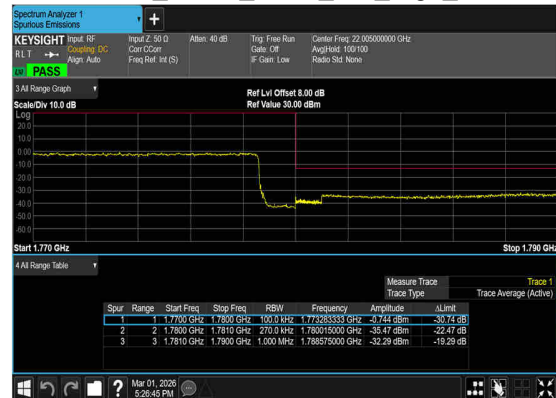
N66(25M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(25M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH

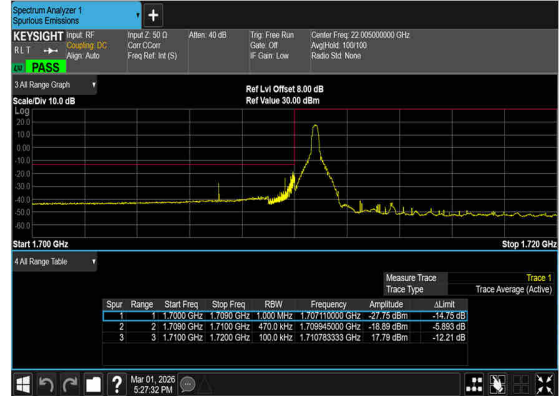




N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH

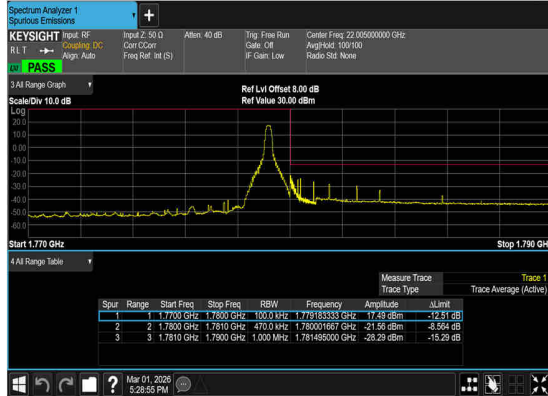


N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

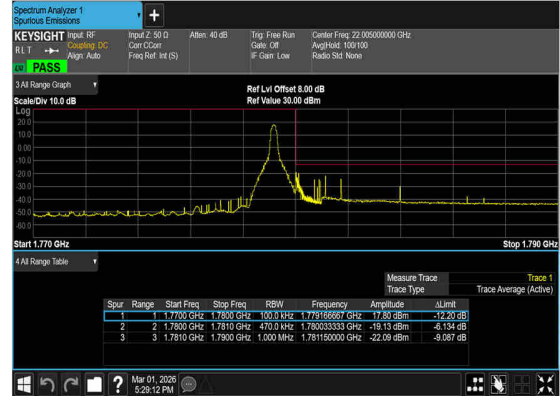




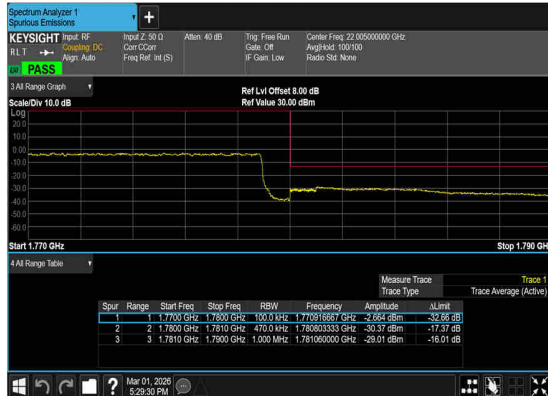
N66(45M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



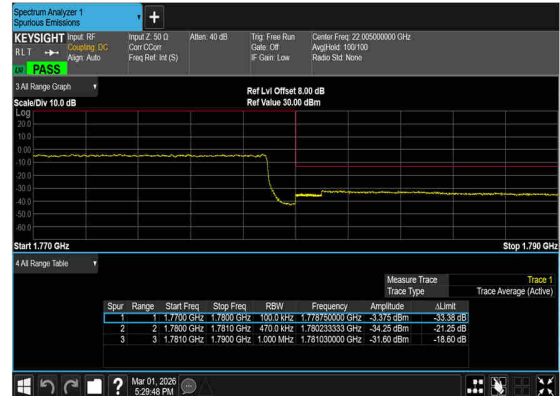
N66(45M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



N66(45M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



N66(45M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH





N66_ANT2

Frequency Stability

Test Result

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (Hz)	Verdict	Environment
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	19.2	PASS	NV
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	17.9	PASS	LV
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	13.4	PASS	HV
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	14.7	PASS	-30°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	15.1	PASS	-20°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	16.9	PASS	-10°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	16.3	PASS	0°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	17.9	PASS	10°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	19.2	PASS	20°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	10.7	PASS	30°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	18.1	PASS	40°C
66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	11.2	PASS	50°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	17.5	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	12	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	11.5	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	17	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	14.6	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	16	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	17.1	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	13.7	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	17.5	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	18.4	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	13.9	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	14.7	PASS	50°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	12.2	PASS	NV
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	18.4	PASS	LV
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	15.1	PASS	HV



66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	12.6	PASS	-30°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	16.4	PASS	-20°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	14.6	PASS	-10°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	15.7	PASS	0°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	19.2	PASS	10°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	12.2	PASS	20°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	17.2	PASS	30°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	12.9	PASS	40°C
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	10.8	PASS	50°C

$|\text{MAX}(\Delta f)| = 19.2 \text{ Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.503782	$\geq 1710 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1778.410817	$\leq 1780 \text{ MHz}$	



Peak to Average Ratio

Test Result

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	25@0	4.79	13	PASS
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	4.87	13	PASS
66	15	5	349000	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.9	13	PASS
66	15	5	349000	1745.0	DFT-s-OFDM QPSK	25@0	4.86	13	PASS
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	25@0	4.83	13	PASS
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	4.7	13	PASS
66	15	10	343000	1715.0	DFT-s-OFDM PI/2 BPSK	50@0	4.9	13	PASS
66	15	10	343000	1715.0	DFT-s-OFDM QPSK	50@0	4.9	13	PASS
66	15	10	349000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	4.9	13	PASS
66	15	10	349000	1745.0	DFT-s-OFDM QPSK	50@0	4.88	13	PASS
66	15	10	355000	1775.0	DFT-s-OFDM PI/2 BPSK	50@0	4.93	13	PASS
66	15	10	355000	1775.0	DFT-s-OFDM QPSK	50@0	4.92	13	PASS
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	75@0	4.89	13	PASS
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	75@0	4.84	13	PASS
66	15	15	349000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	4.85	13	PASS
66	15	15	349000	1745.0	DFT-s-OFDM QPSK	75@0	4.88	13	PASS
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	75@0	4.9	13	PASS
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	75@0	4.89	13	PASS
66	15	20	344000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	4.9	13	PASS
66	15	20	344000	1720.0	DFT-s-OFDM QPSK	100@0	4.86	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	4.87	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	4.78	13	PASS
66	15	20	354000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	4.91	13	PASS
66	15	20	354000	1770.0	DFT-s-OFDM QPSK	100@0	4.91	13	PASS
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	128@0	4.98	13	PASS
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	5.09	13	PASS
66	15	25	349000	1745.0	DFT-s-OFDM PI/2 BPSK	128@0	4.88	13	PASS
66	15	25	349000	1745.0	DFT-s-OFDM QPSK	128@0	4.91	13	PASS
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	128@0	4.92	13	PASS
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	4.93	13	PASS
66	15	30	345000	1725.0	DFT-s-OFDM PI/2 BPSK	160@0	4.83	13	PASS
66	15	30	345000	1725.0	DFT-s-OFDM QPSK	160@0	4.87	13	PASS
66	15	30	349000	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	4.87	13	PASS
66	15	30	349000	1745.0	DFT-s-OFDM QPSK	160@0	4.84	13	PASS
66	15	30	353000	1765.0	DFT-s-OFDM PI/2 BPSK	160@0	4.93	13	PASS
66	15	30	353000	1765.0	DFT-s-OFDM QPSK	160@0	4.94	13	PASS
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	180@0	4.8	13	PASS
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	180@0	4.92	13	PASS

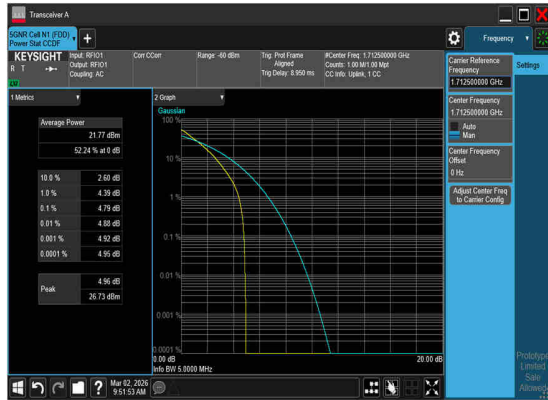


NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	35	349000	1745.0	DFT-s-OFDM PI/2 BPSK	180@0	4.83	13	PASS
66	15	35	349000	1745.0	DFT-s-OFDM QPSK	180@0	4.84	13	PASS
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	180@0	4.85	13	PASS
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	180@0	4.91	13	PASS
66	15	40	346000	1730.0	DFT-s-OFDM PI/2 BPSK	216@0	4.93	13	PASS
66	15	40	346000	1730.0	DFT-s-OFDM QPSK	216@0	4.97	13	PASS
66	15	40	349000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	4.96	13	PASS
66	15	40	349000	1745.0	DFT-s-OFDM QPSK	216@0	4.95	13	PASS
66	15	40	352000	1760.0	DFT-s-OFDM PI/2 BPSK	216@0	5.1	13	PASS
66	15	40	352000	1760.0	DFT-s-OFDM QPSK	216@0	5.12	13	PASS
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	240@0	4.9	13	PASS
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	4.93	13	PASS
66	15	45	349000	1745.0	DFT-s-OFDM PI/2 BPSK	240@0	4.95	13	PASS
66	15	45	349000	1745.0	DFT-s-OFDM QPSK	240@0	4.93	13	PASS
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	240@0	5.11	13	PASS
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	5.08	13	PASS



Test Graphs

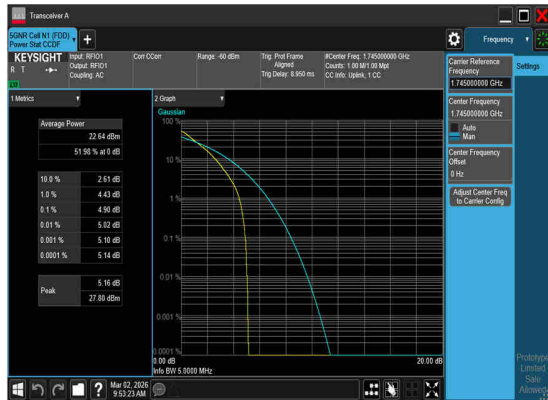
N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



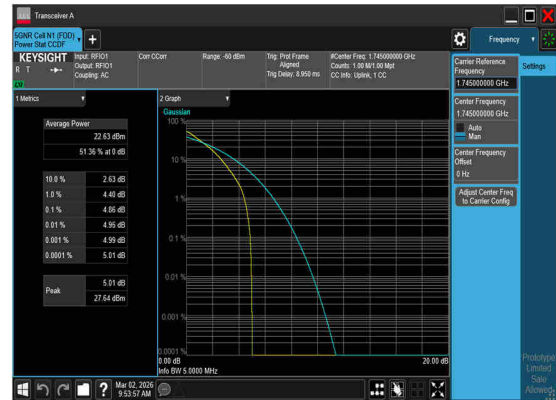
N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N66(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH

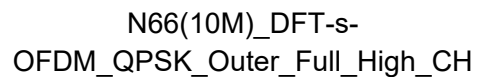
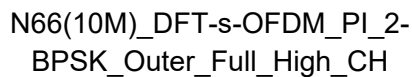
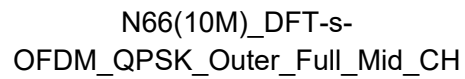


N66(10M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N66(10M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH





N66(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



N66(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH

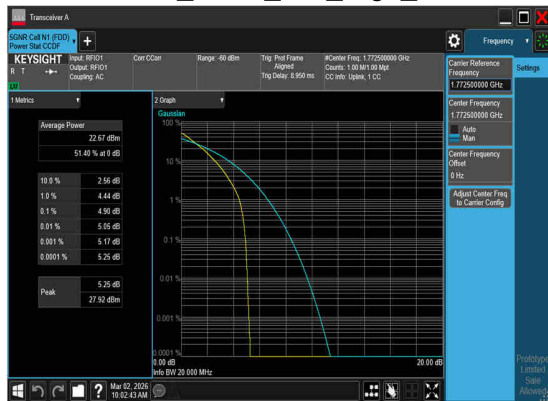


N66(15M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





N66(15M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



N66(15M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH

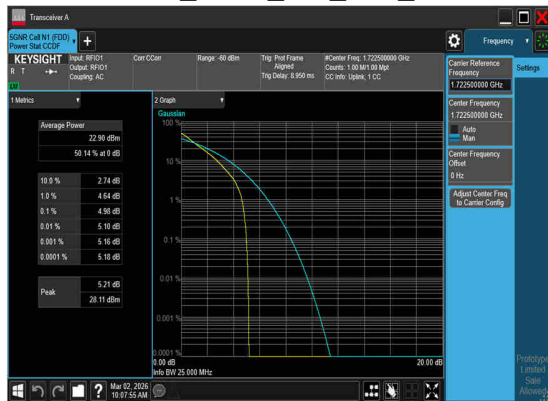


N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH





N66(25M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



N66(25M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH

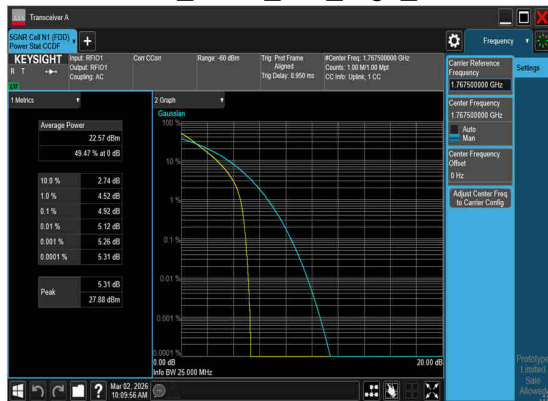


N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH





N66(25M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



N66(25M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



N66(30M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



N66(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH

