

B12_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Outer_Full_High_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-BPSK_Edge_1RB_Left_High_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Outer_Full_High_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

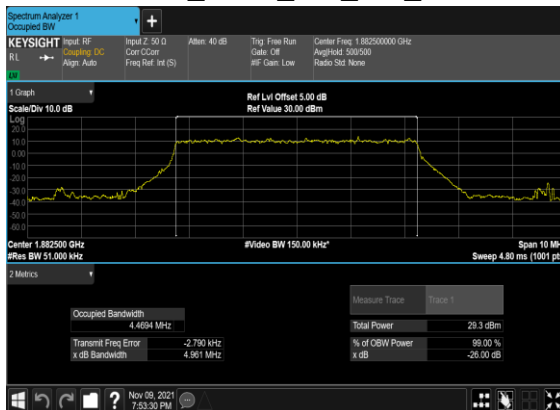


Occupied Bandwidth

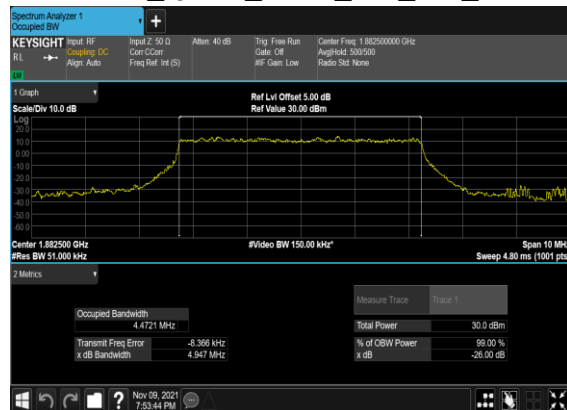
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
25	15	5	392500	1882.5	DFT-s-OFDM PI/2 BPSK	25@0	4.4694	4.961
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	25@0	4.4721	4.947
25	15	5	392500	1882.5	CP-OFDM QPSK	25@0	4.4842	5.107
25	15	5	392500	1882.5	CP-OFDM 16 QAM	25@0	4.4823	5.106
25	15	5	392500	1882.5	CP-OFDM 64 QAM	25@0	4.4798	5.147
25	15	5	392500	1882.5	CP-OFDM 256 QAM	25@0	4.4827	5.137
25	15	10	392500	1882.5	DFT-s-OFDM PI/2 BPSK	50@0	8.9051	9.515
25	15	10	392500	1882.5	DFT-s-OFDM QPSK	50@0	8.9162	9.693
25	15	10	392500	1882.5	CP-OFDM QPSK	52@0	9.2844	10.09
25	15	10	392500	1882.5	CP-OFDM 16 QAM	52@0	9.2804	10.14
25	15	10	392500	1882.5	CP-OFDM 64 QAM	52@0	9.2783	10.02
25	15	10	392500	1882.5	CP-OFDM 256 QAM	52@0	9.2871	10.08
25	15	15	392500	1882.5	DFT-s-OFDM PI/2 BPSK	75@0	13.382	14.3
25	15	15	392500	1882.5	DFT-s-OFDM QPSK	75@0	13.389	14.28
25	15	15	392500	1882.5	CP-OFDM QPSK	79@0	14.09	14.92
25	15	15	392500	1882.5	CP-OFDM 16 QAM	79@0	14.117	15.03
25	15	15	392500	1882.5	CP-OFDM 64 QAM	79@0	14.128	14.96
25	15	15	392500	1882.5	CP-OFDM 256 QAM	79@0	14.102	14.99
25	15	20	392500	1882.5	DFT-s-OFDM PI/2 BPSK	100@0	17.876	18.83
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	100@0	17.869	18.91
25	15	20	392500	1882.5	CP-OFDM QPSK	106@0	18.911	19.92
25	15	20	392500	1882.5	CP-OFDM 16 QAM	106@0	18.936	20.0
25	15	20	392500	1882.5	CP-OFDM 64 QAM	106@0	18.933	19.82
25	15	20	392500	1882.5	CP-OFDM 256 QAM	106@0	19.009	20.02

25	15	25	392500	1882.5	DFT-s-OFDM PI/2 BPSK	128@0	22.836	23.97
25	15	25	392500	1882.5	DFT-s-OFDM QPSK	128@0	22.879	23.87
25	15	25	392500	1882.5	CP-OFDM QPSK	133@0	23.72	24.81
25	15	25	392500	1882.5	CP-OFDM 16 QAM	133@0	23.727	24.86
25	15	25	392500	1882.5	CP-OFDM 64 QAM	133@0	23.736	24.87
25	15	25	392500	1882.5	CP-OFDM 256 QAM	133@0	23.746	24.73
25	15	30	392500	1882.5	DFT-s-OFDM PI/2 BPSK	160@0	28.579	29.84
25	15	30	392500	1882.5	DFT-s-OFDM QPSK	160@0	28.551	29.75
25	15	30	392500	1882.5	CP-OFDM QPSK	160@0	28.539	29.83
25	15	30	392500	1882.5	CP-OFDM 16 QAM	160@0	28.623	29.85
25	15	30	392500	1882.5	CP-OFDM 64 QAM	160@0	28.504	29.77
25	15	30	392500	1882.5	CP-OFDM 256 QAM	160@0	28.59	29.74
25	15	40	392500	1882.5	DFT-s-OFDM PI/2 BPSK	216@0	38.541	40.14
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	216@0	38.521	40.0
25	15	40	392500	1882.5	CP-OFDM QPSK	216@0	38.503	40.06
25	15	40	392500	1882.5	CP-OFDM 16 QAM	216@0	38.524	40.11
25	15	40	392500	1882.5	CP-OFDM 64 QAM	216@0	38.551	39.99
25	15	40	392500	1882.5	CP-OFDM 256 QAM	216@0	38.516	39.94

B12_N25(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



B12_N25(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



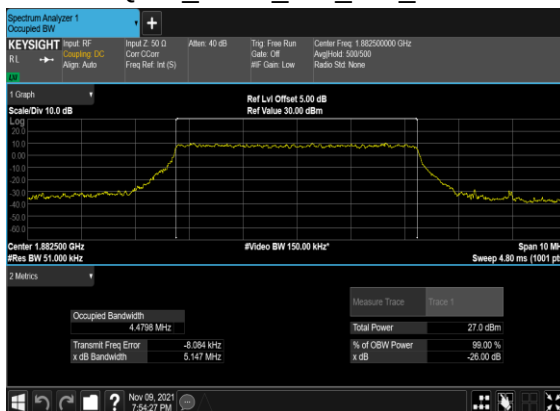
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OFDM_QPSK_Outer_Full_Mid_CH



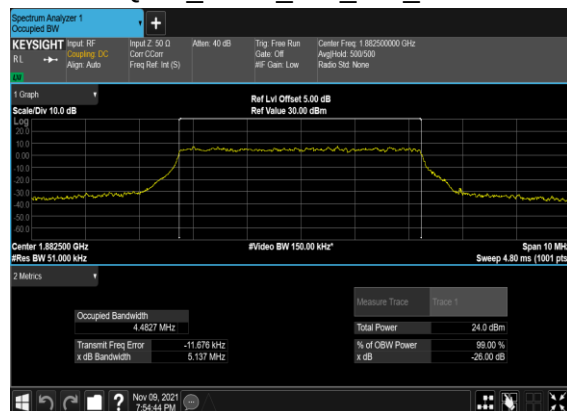
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QAM_Outer_Full_Mid_CH



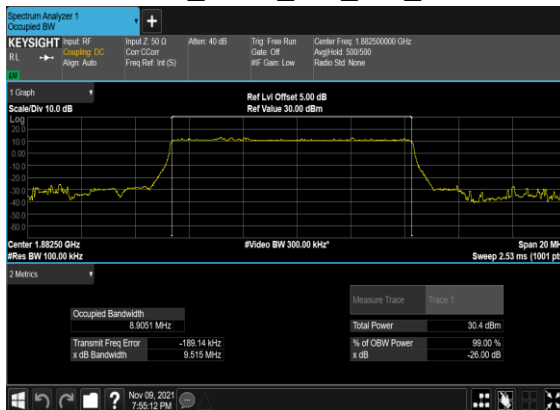
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QAM_Outer_Full_Mid_CH



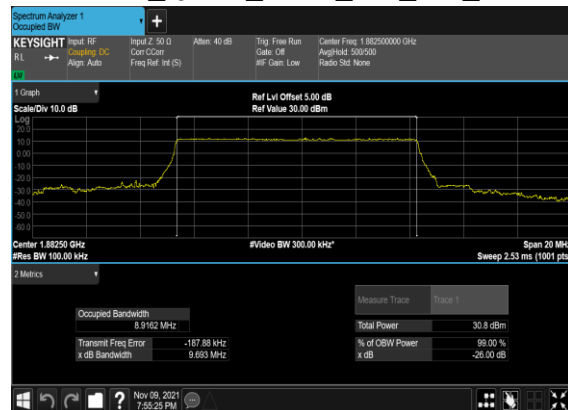
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QAM_Outer_Full_Mid_CH



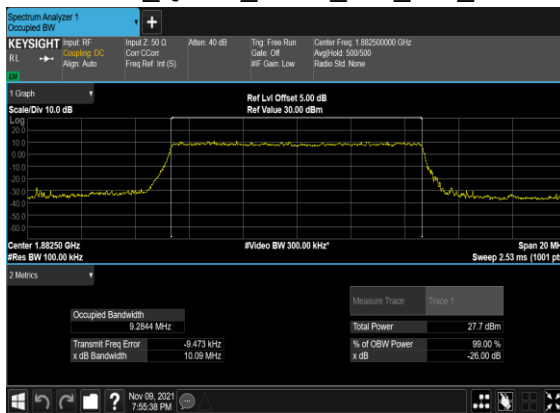
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BPSK_Outer_Full_Mid_CH



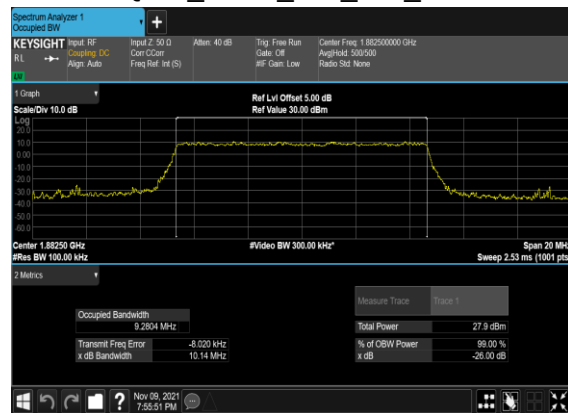
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OFDM_QPSK_Outer_Full_Mid_CH



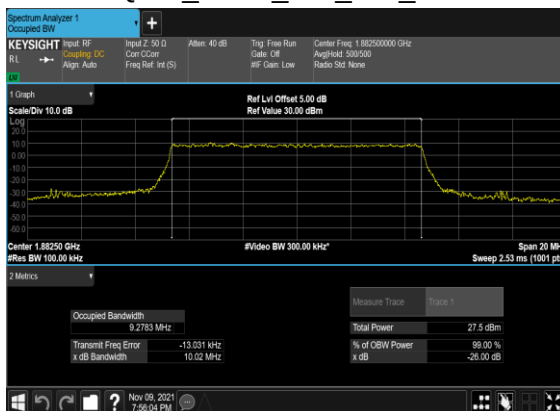
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OFDM_QPSK_Outer_Full_Mid_CH



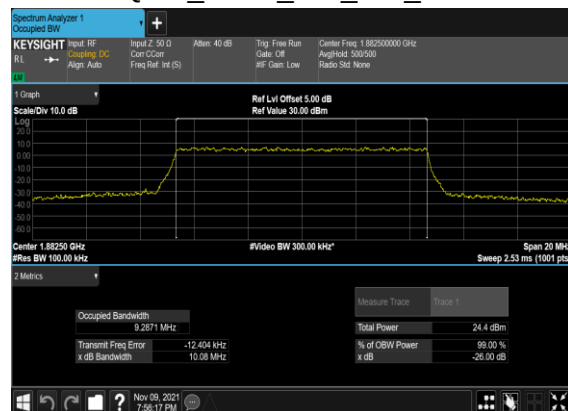
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QAM_Outer_Full_Mid_CH



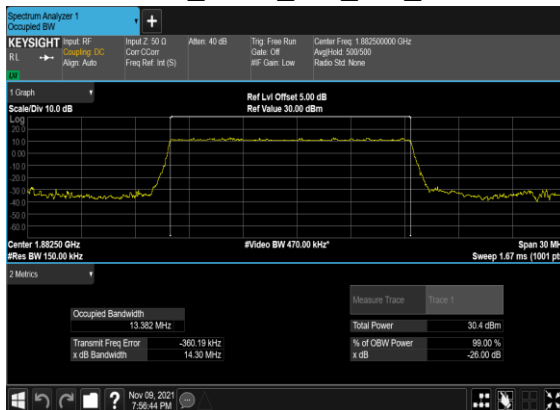
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QAM_Outer_Full_Mid_CH



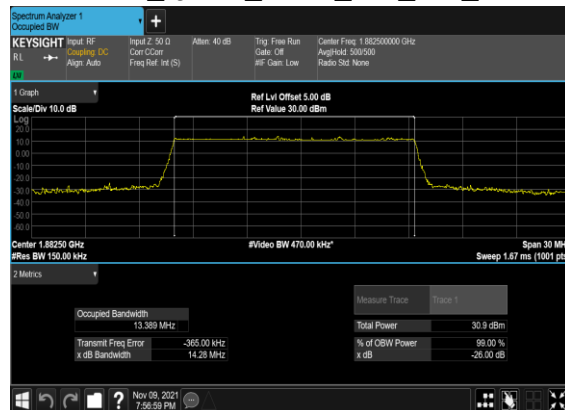
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QAM_Outer_Full_Mid_CH



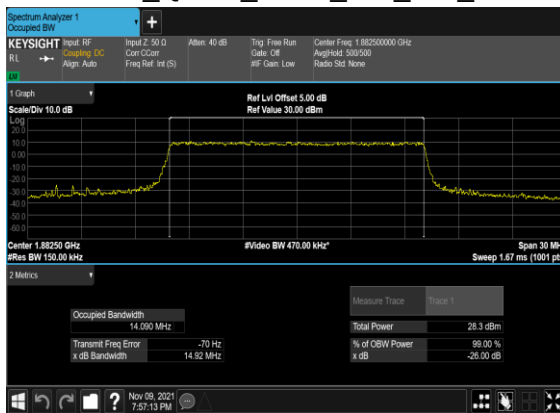
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BPSK_Outer_Full_Mid_CH



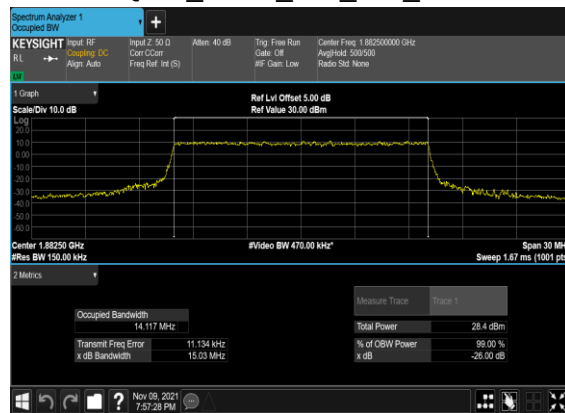
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OFDM_QPSK_Outer_Full_Mid_CH



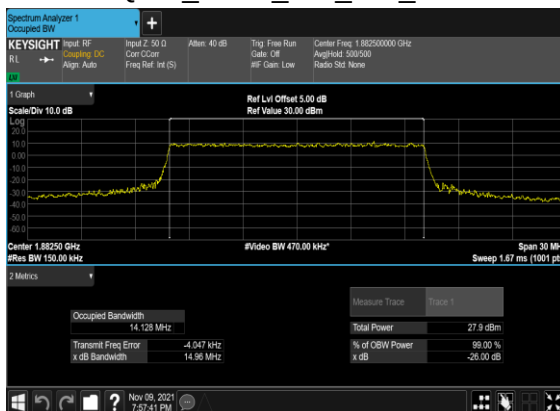
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OFDM_QPSK_Outer_Full_Mid_CH



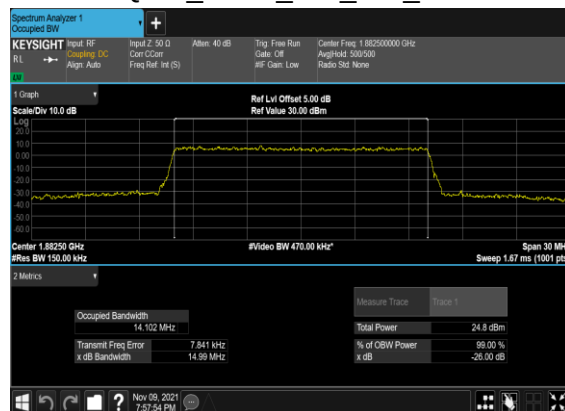
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QAM_Outer_Full_Mid_CH



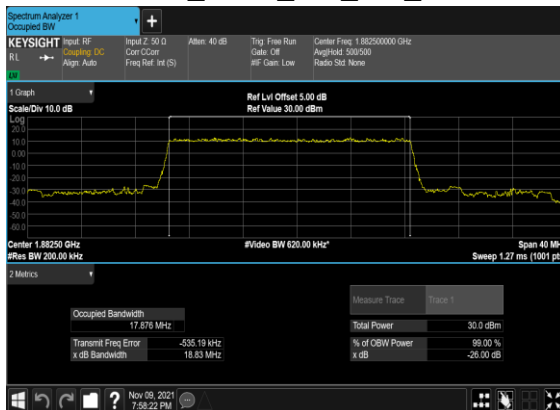
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QAM_Outer_Full_Mid_CH



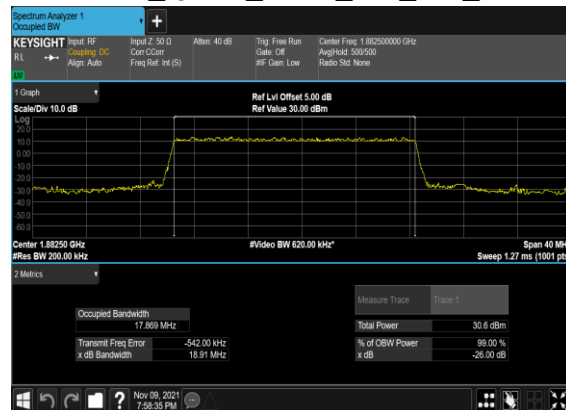
B12_N25(15M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



B12_N25(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



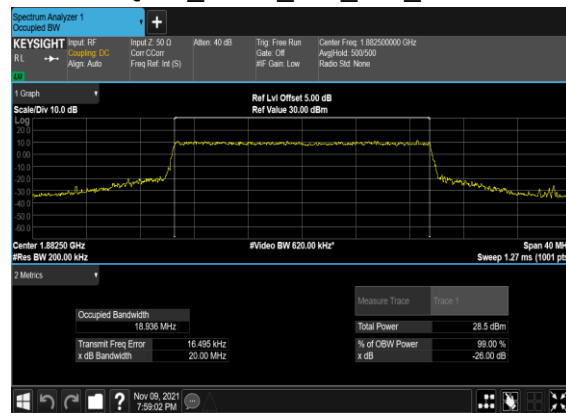
B12_N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



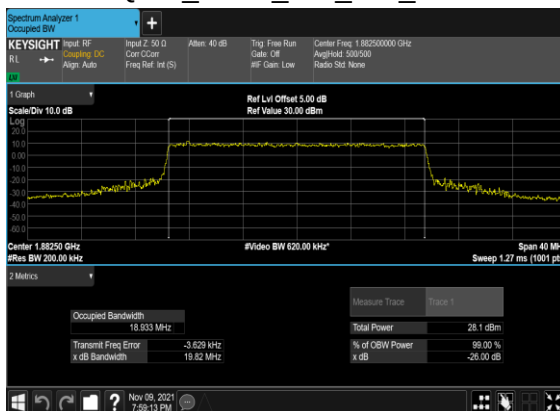
B12_N25(20M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



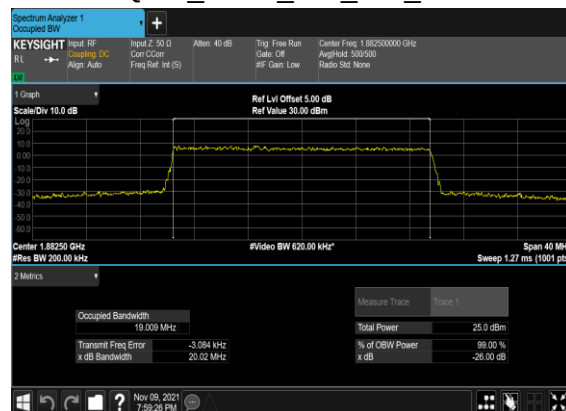
B12_N25(20M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



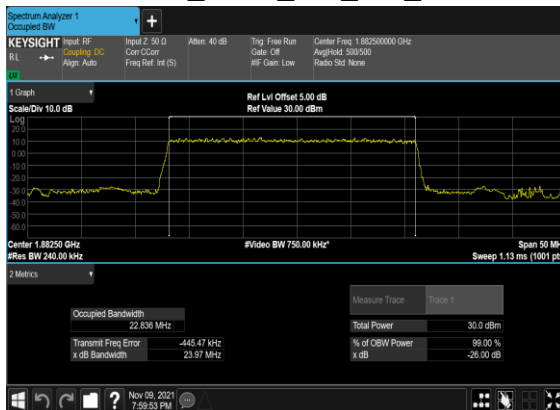
B12_N25(20M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



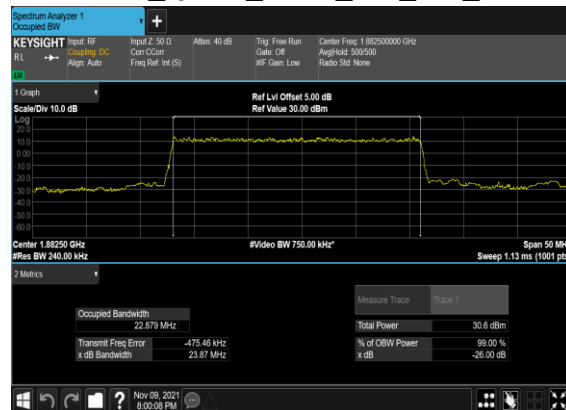
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QAM_Outer_Full_Mid_CH



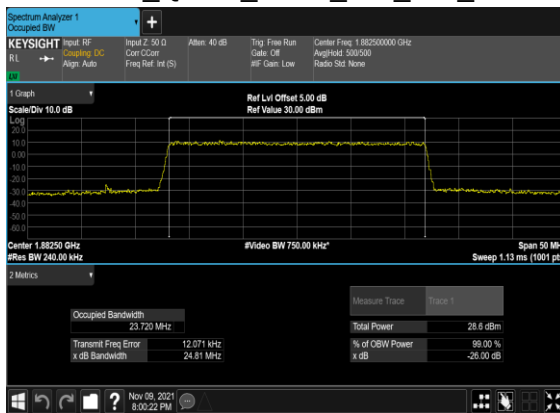
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BPSK_Outer_Full_Mid_CH



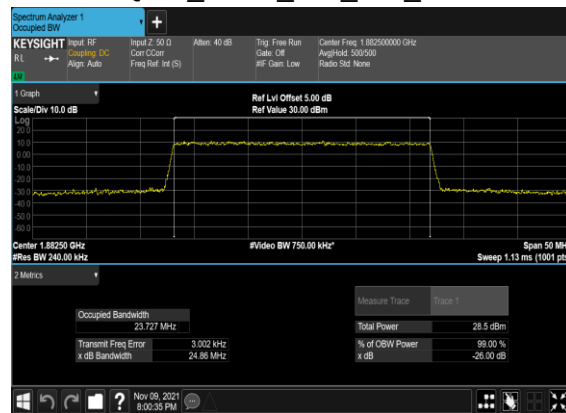
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OFDM_QPSK_Outer_Full_Mid_CH



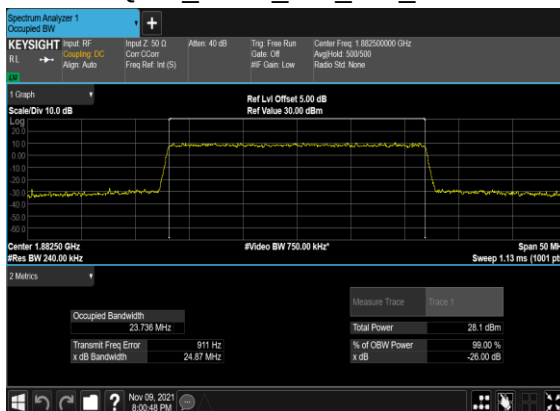
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OFDM_QPSK_Outer_Full_Mid_CH



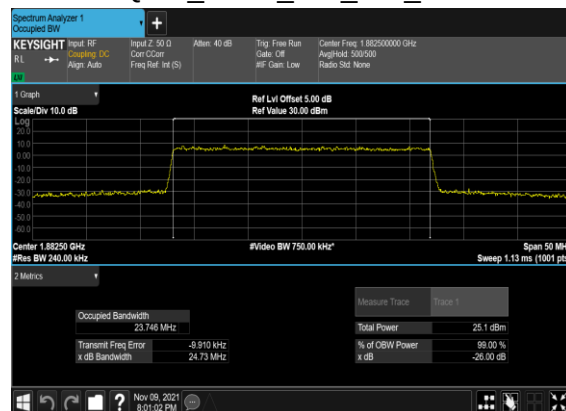
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QAM_Outer_Full_Mid_CH



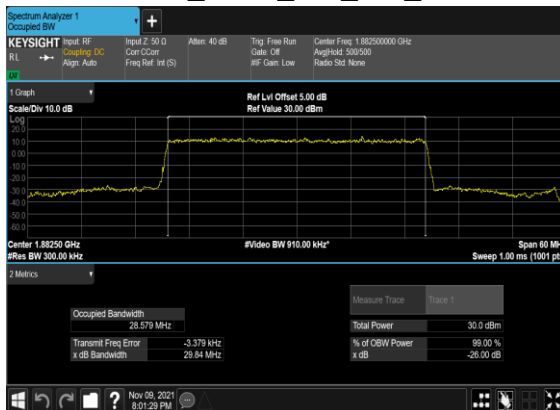
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QAM_Outer_Full_Mid_CH



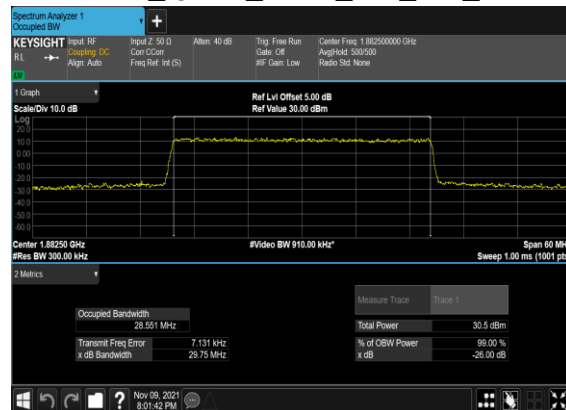
B12_N25(25M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



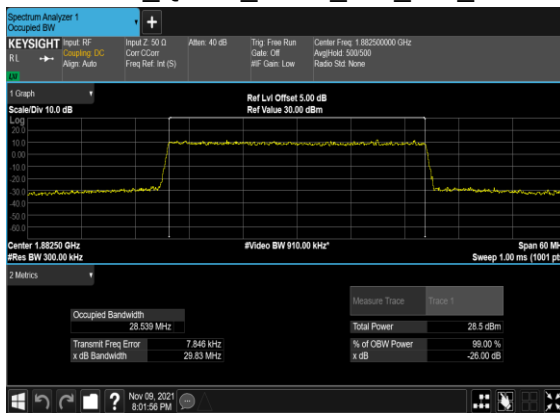
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BPSK_Outer_Full_Mid_CH



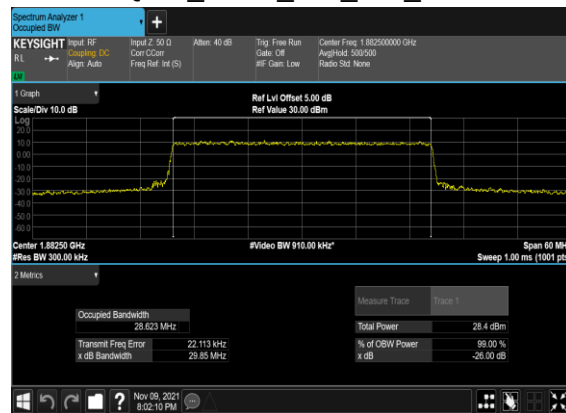
B12_N25(30M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



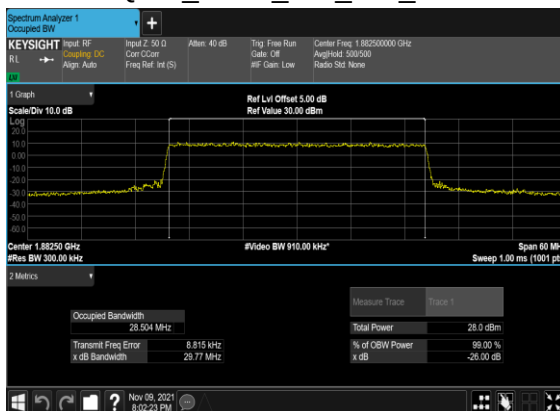
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OFDM_QPSK_Outer_Full_Mid_CH



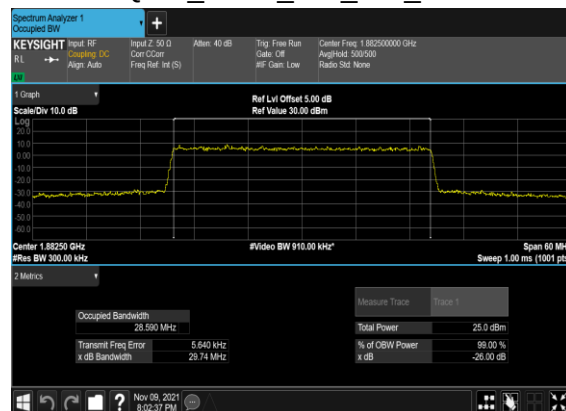
B12_N25(30M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



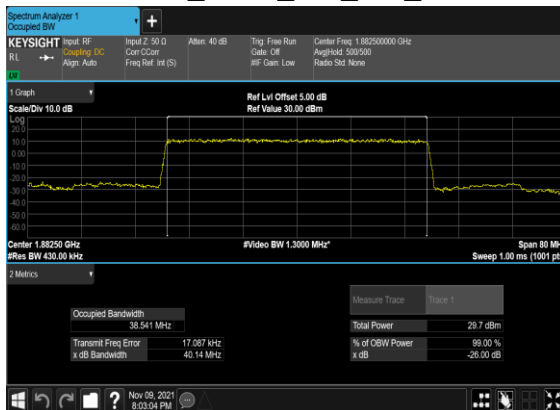
B12_N25(30M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



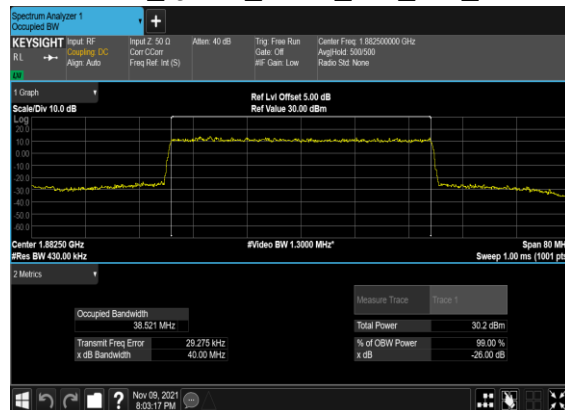
B12_N25(30M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH



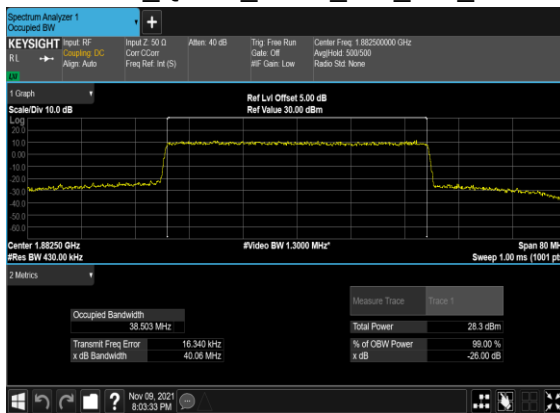
B12_N25(40M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



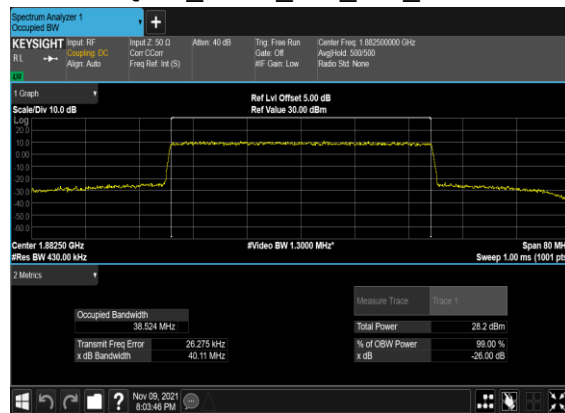
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OFDM_QPSK_Outer_Full_Mid_CH



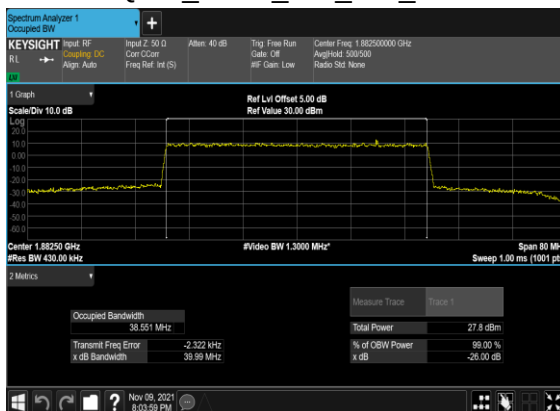
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OFDM_QPSK_Outer_Full_Mid_CH



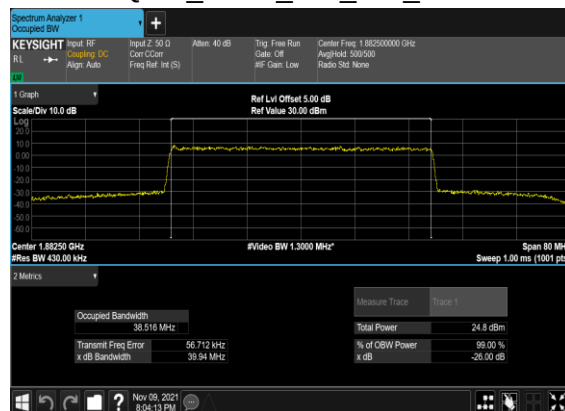
B12_N25(40M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B12_N25(40M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B12_N25(40M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

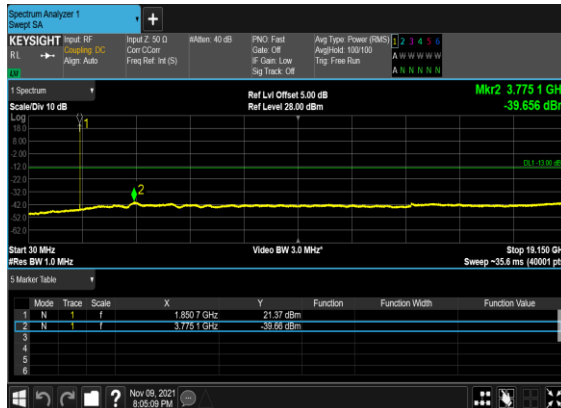


Conducted Spurious Emissions

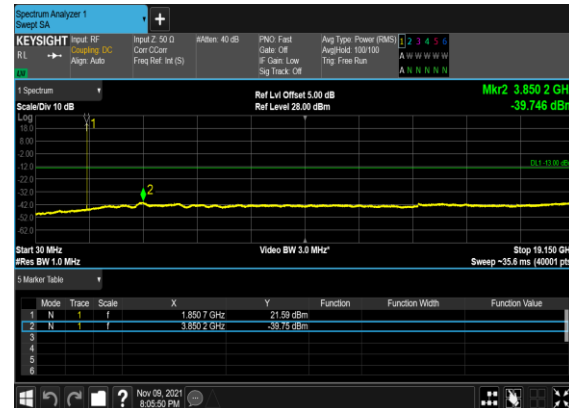
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
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25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	392500	1882.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	392500	1882.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	---
25	15	40	395000	1895.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	---
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@0	see graph	PASS

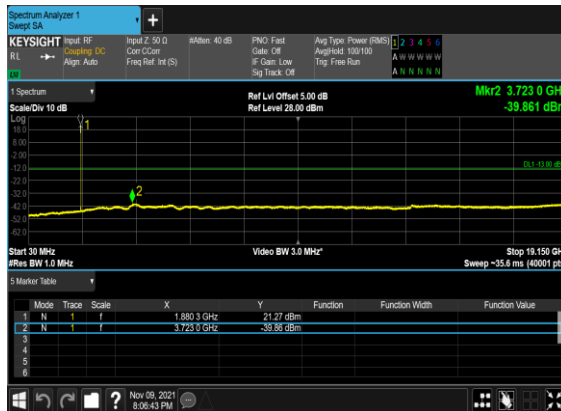
B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



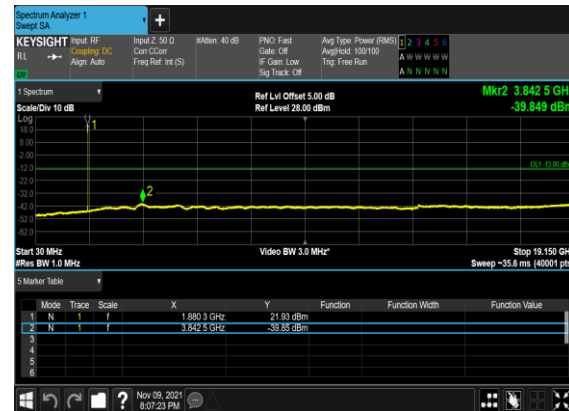
B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



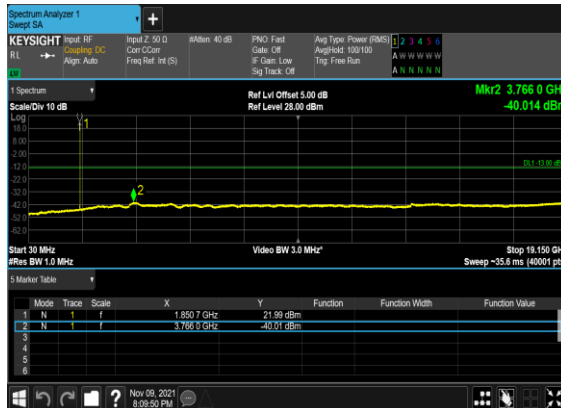
B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



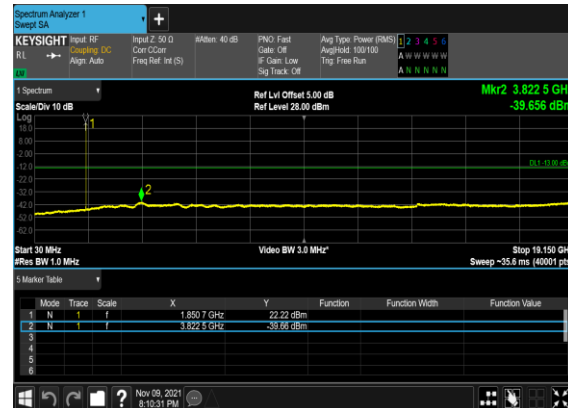
B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH



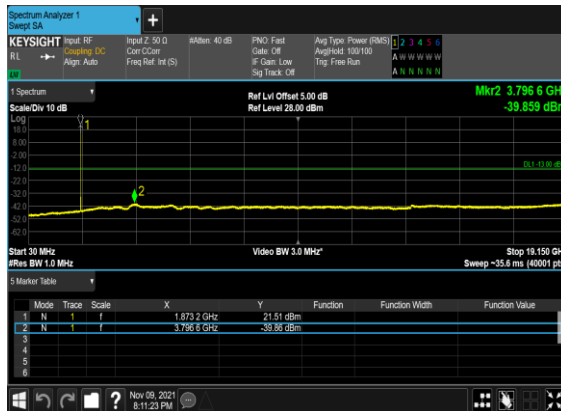
B12_N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



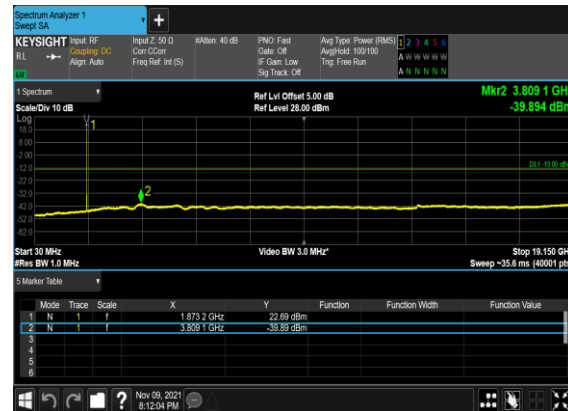
B12_N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Mid_CH



B12_N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



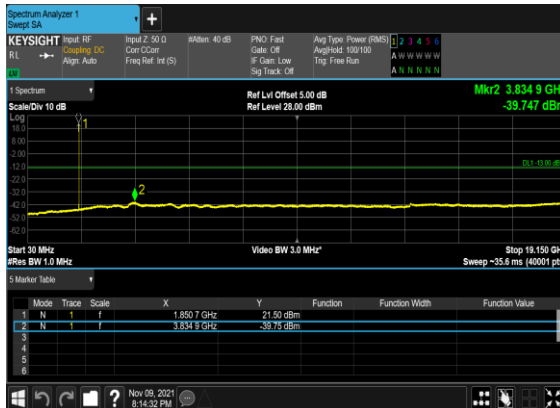
B12_N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_High_CH



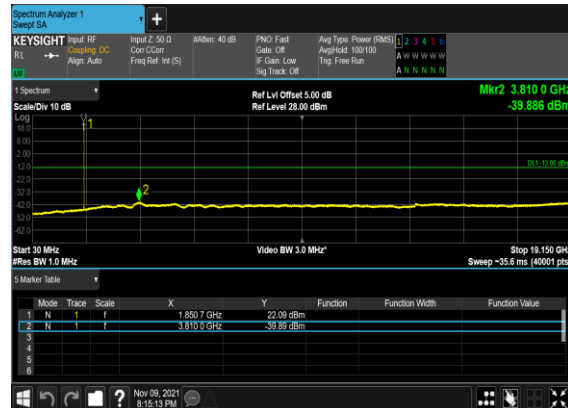
B12_N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH



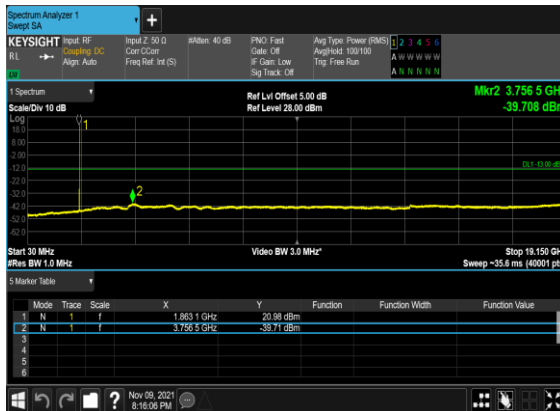
B12_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



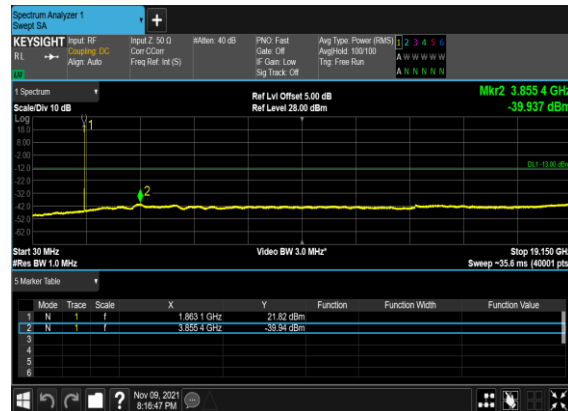
B12_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



B12_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Mid_CH



B12_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Mid_CH



B12_N25(40M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_High_CH



B12_N25(40M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_High_CH

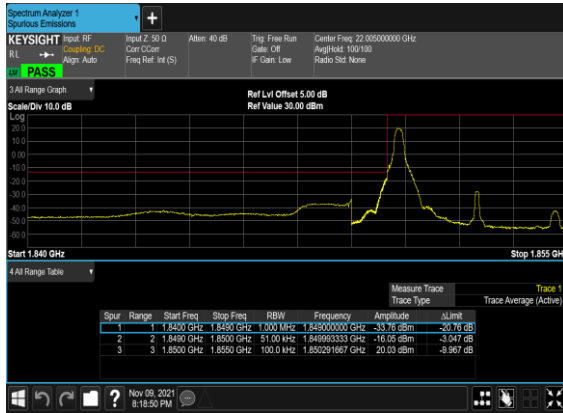


Conducted Band Edge

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result	Verdict
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	5	386500	1852.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	386500	1852.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
25	15	5	398500	1912.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
25	15	20	388000	1860.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	1@105	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	1@105	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM BPSK	100@0	see graph	PASS
25	15	20	397000	1905.0	DFT-s-OFDM QPSK	100@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	390000	1870.0	DFT-s-OFDM QPSK	216@0	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM BPSK	1@215	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	1@215	see graph	PASS

25	15	40	395000	1895.0	DFT-s-OFDM BPSK	216@0	see graph	PASS
25	15	40	395000	1895.0	DFT-s-OFDM QPSK	216@0	see graph	PASS

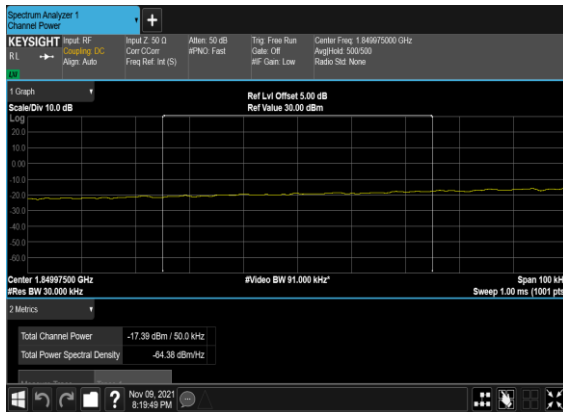
B12_N25(5M)_DFT-s-OFDM_BPSK_Edge_1RB_Left_Low_CH



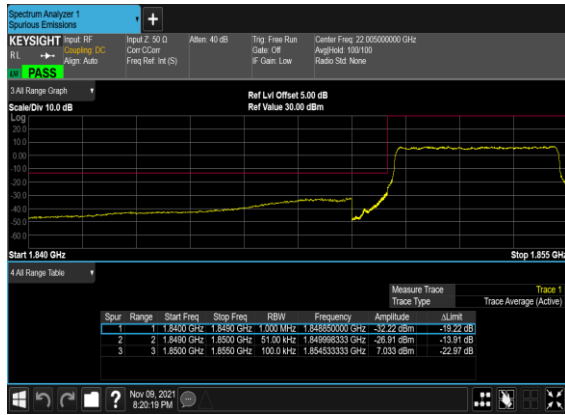
B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH



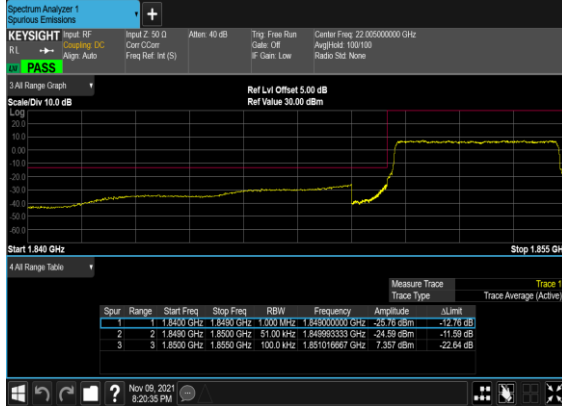
B12_N25(5M)_DFT-s-OFDM_QPSK_Edge_1RB_Left_Low_CH_CHP_PASS



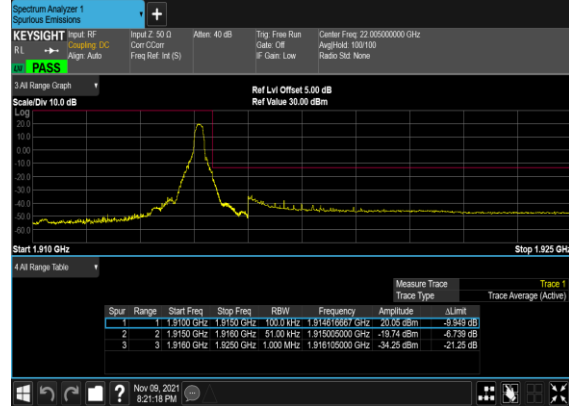
B12_N25(5M)_DFT-s-OFDM_BPSK_Outer_Full_Low_CH



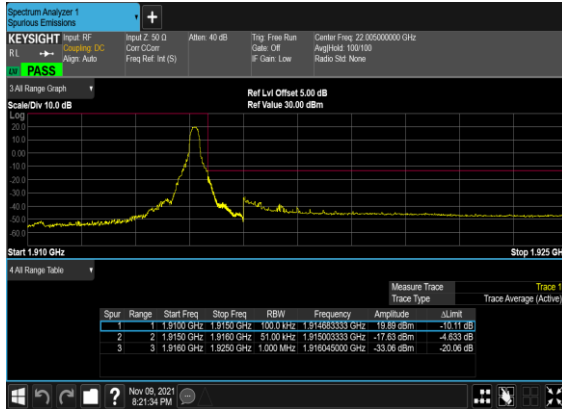
B12_N25(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



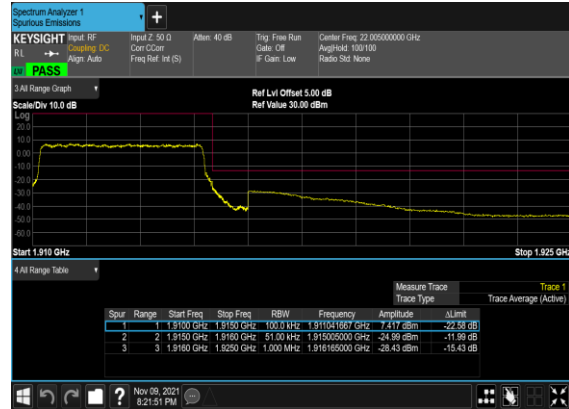
B12_N25(5M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



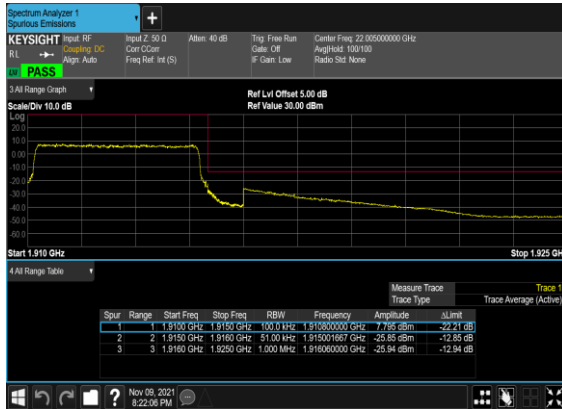
B12_N25(5M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



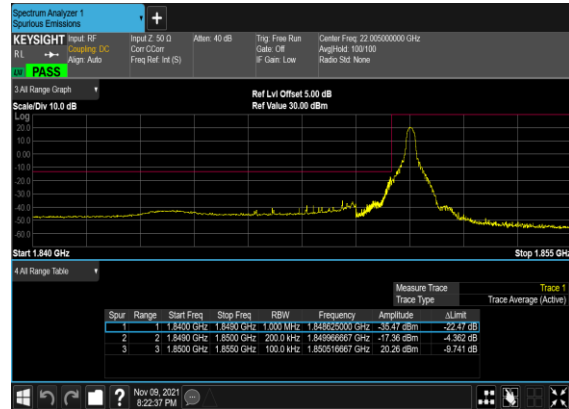
B12_N25(5M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



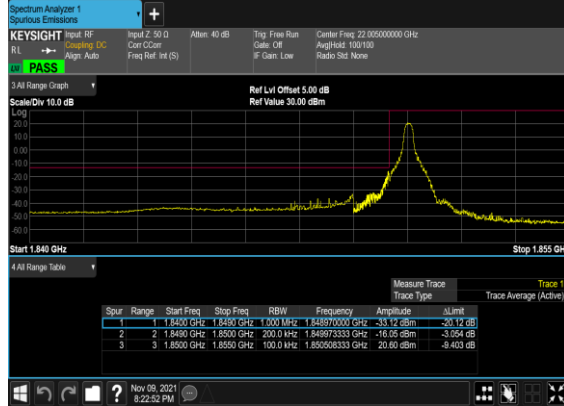
B12_N25(5M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



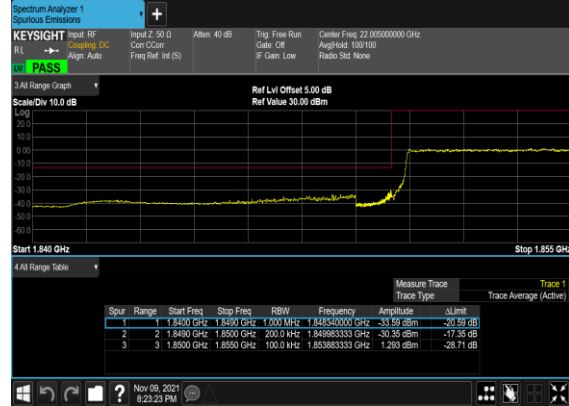
B12_N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



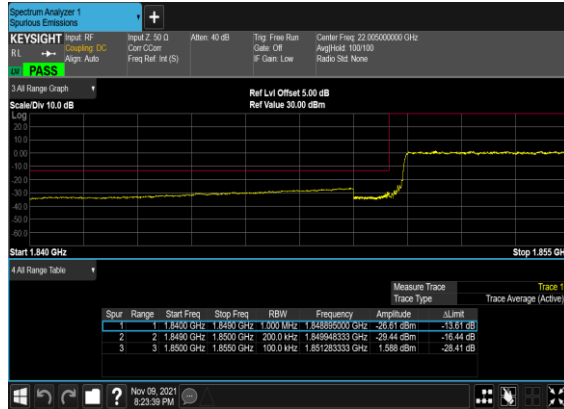
B12_N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



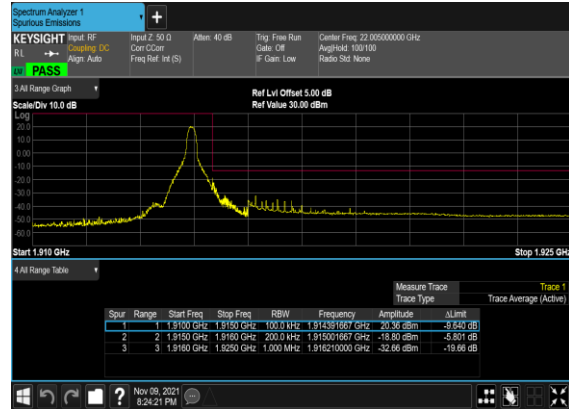
B12_N25(20M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



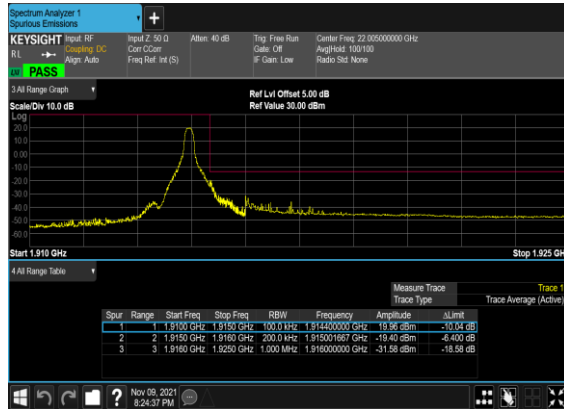
B12_N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



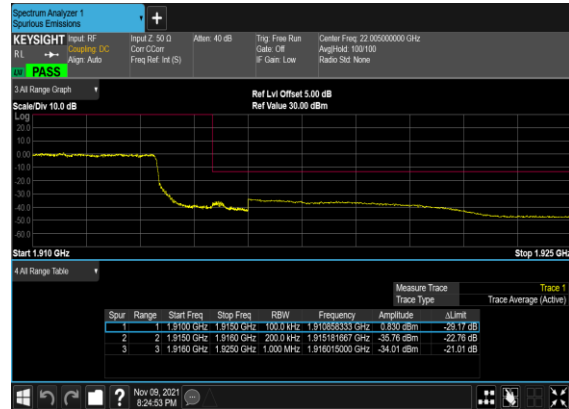
B12_N25(20M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



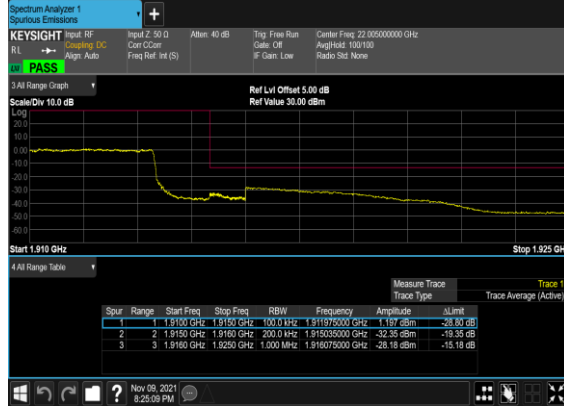
B12_N25(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



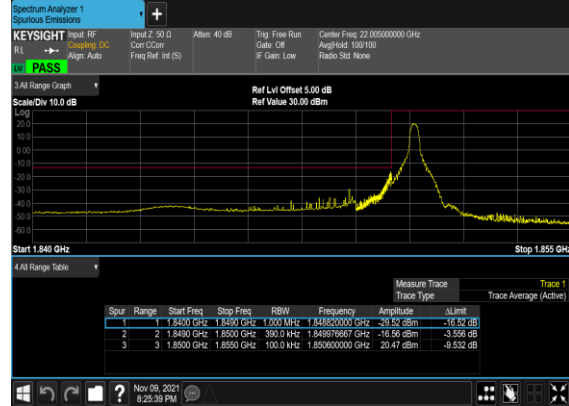
B12_N25(20M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



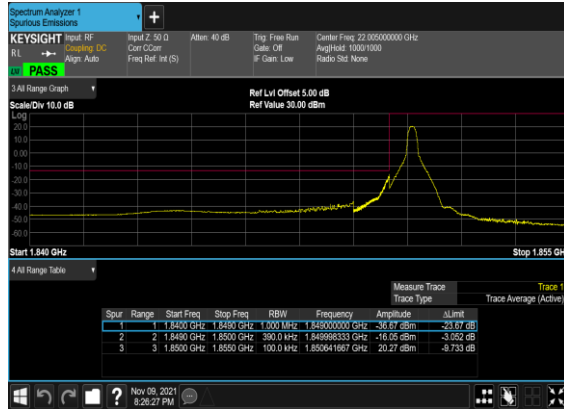
B12_N25(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



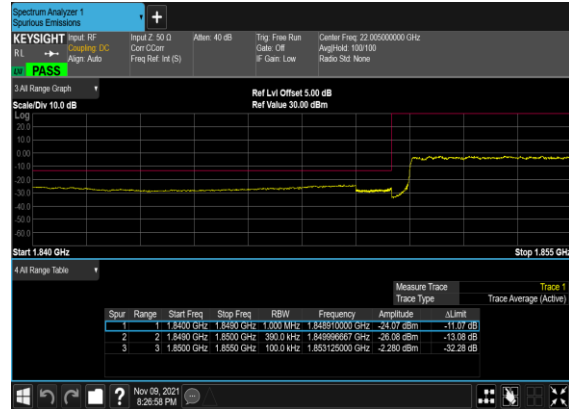
B12_N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Left_Low_CH



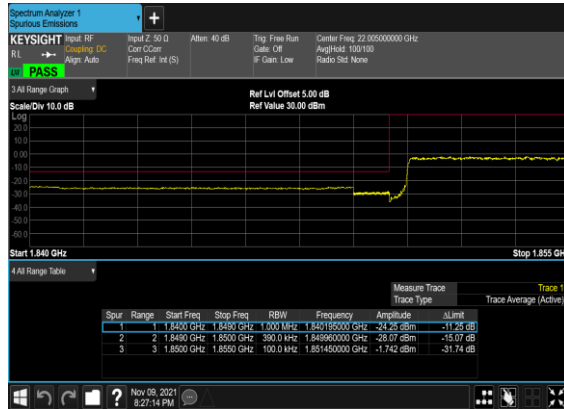
B12_N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Low_CH



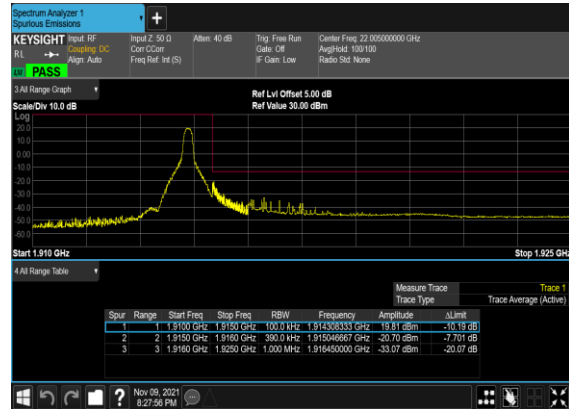
B12_N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_Low_CH



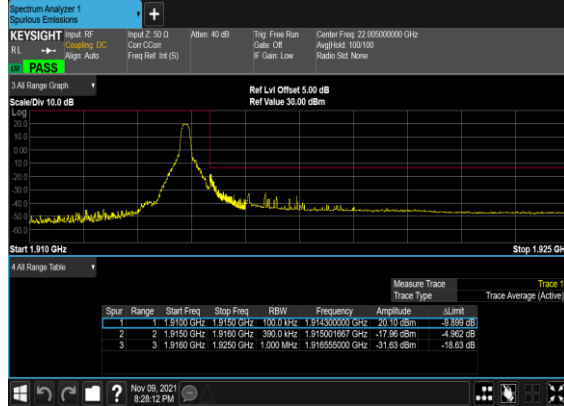
B12_N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



B12_N25(40M)_DFT-s-
OFDM_BPSK_Edge_1RB_Right_High_CH



B12_N25(40M)_DFT-s-
OFDM_QPSK_Edge_1RB_Right_High_CH



B12_N25(40M)_DFT-s-
OFDM_BPSK_Outer_Full_High_CH



B12_N25(40M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



FR1 N66(ANT3)

LTE Band: 5(ANT1), LTE BW: 10M, LTE ARFCN: Mid

Conducted Power and EIRP

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP (W)
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	12@6	22.55	20.55	0.1135
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	22.56	20.56	0.1138
66	15	5	422500	1712.5	DFT-s-OFDM PI/2 BPSK	1@23	22.56	20.56	0.1138
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	12@6	23.48	21.48	0.1406
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@1	23.51	21.51	0.1416
66	15	5	422500	1712.5	DFT-s-OFDM QPSK	1@23	23.49	21.49	0.1409
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	12@6	22.76	20.76	0.1191
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@1	22.71	20.71	0.1178
66	15	5	422500	1712.5	DFT-s-OFDM 16 QAM	1@23	22.68	20.68	0.1169
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	12@6	21.69	19.69	0.0931
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@1	21.75	19.75	0.0944
66	15	5	422500	1712.5	DFT-s-OFDM 64 QAM	1@23	21.77	19.77	0.0948
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	12@6	19.6	17.6	0.0575
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@1	19.06	17.06	0.0508
66	15	5	422500	1712.5	DFT-s-OFDM 256 QAM	1@23	19.04	17.04	0.0506
66	15	5	422500	1712.5	CP-OFDM QPSK	13@6	22.52	20.52	0.1127
66	15	5	422500	1712.5	CP-OFDM QPSK	1@1	22.63	20.63	0.1156
66	15	5	422500	1712.5	CP-OFDM QPSK	1@23	22.58	20.58	0.1143
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	12@6	22.67	20.67	0.1167
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.66	20.66	0.1164
66	15	5	429000	1745	DFT-s-OFDM PI/2 BPSK	1@23	22.78	20.78	0.1197
66	15	5	429000	1745	DFT-s-OFDM QPSK	12@6	23.61	21.61	0.1449
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@1	23.56	21.56	0.1432
66	15	5	429000	1745	DFT-s-OFDM QPSK	1@23	23.69	21.69	0.1476
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	12@6	22.9	20.9	0.1230
66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.79	20.79	0.1199

66	15	5	429000	1745	DFT-s-OFDM 16 QAM	1@23	22.81	20.81	0.1205
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	12@6	21.77	19.77	0.0948
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.82	19.82	0.0959
66	15	5	429000	1745	DFT-s-OFDM 64 QAM	1@23	21.98	19.98	0.0995
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	12@6	19.69	17.69	0.0587
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.13	17.13	0.0516
66	15	5	429000	1745	DFT-s-OFDM 256 QAM	1@23	19.22	17.22	0.0527
66	15	5	429000	1745	CP-OFDM QPSK	13@6	22.61	20.61	0.1151
66	15	5	429000	1745	CP-OFDM QPSK	1@1	22.67	20.67	0.1167
66	15	5	429000	1745	CP-OFDM QPSK	1@23	22.76	20.76	0.1191
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	12@6	22.41	20.41	0.1099
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	22.44	20.44	0.1107
66	15	5	435500	1777.5	DFT-s-OFDM PI/2 BPSK	1@23	22.44	20.44	0.1107
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	12@6	23.36	21.36	0.1368
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@1	23.38	21.38	0.1374
66	15	5	435500	1777.5	DFT-s-OFDM QPSK	1@23	23.32	21.32	0.1355
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	12@6	22.59	20.59	0.1146
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@1	22.55	20.55	0.1135
66	15	5	435500	1777.5	DFT-s-OFDM 16 QAM	1@23	22.57	20.57	0.1140
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	12@6	21.52	19.52	0.0895
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@1	21.6	19.6	0.0912
66	15	5	435500	1777.5	DFT-s-OFDM 64 QAM	1@23	21.63	19.63	0.0918
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	12@6	19.44	17.44	0.0555
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@1	18.92	16.92	0.0492
66	15	5	435500	1777.5	DFT-s-OFDM 256 QAM	1@23	18.91	16.91	0.0491
66	15	5	435500	1777.5	CP-OFDM QPSK	13@6	22.35	20.35	0.1084
66	15	5	435500	1777.5	CP-OFDM QPSK	1@1	22.45	20.45	0.1109
66	15	5	435500	1777.5	CP-OFDM QPSK	1@23	22.43	20.43	0.1104
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	25@12	22.58	20.58	0.1143
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	1@1	22.56	20.56	0.1138
66	15	10	423000	1715	DFT-s-OFDM PI/2 BPSK	1@50	22.55	20.55	0.1135
66	15	10	423000	1715	DFT-s-OFDM QPSK	25@12	23.5	21.5	0.1413
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@1	23.51	21.51	0.1416
66	15	10	423000	1715	DFT-s-OFDM QPSK	1@50	23.51	21.51	0.1416

66	15	10	423000	1715	DFT-s-OFDM 16 QAM	25@12	22.71	20.71	0.1178
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@1	22.73	20.73	0.1183
66	15	10	423000	1715	DFT-s-OFDM 16 QAM	1@50	22.66	20.66	0.1164
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	25@12	21.6	19.6	0.0912
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	1@1	21.72	19.72	0.0938
66	15	10	423000	1715	DFT-s-OFDM 64 QAM	1@50	21.72	19.72	0.0938
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	25@12	19.55	17.55	0.0569
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	1@1	19.02	17.02	0.0504
66	15	10	423000	1715	DFT-s-OFDM 256 QAM	1@50	19.03	17.03	0.0505
66	15	10	423000	1715	CP-OFDM QPSK	26@13	22.53	20.53	0.1130
66	15	10	423000	1715	CP-OFDM QPSK	1@1	22.57	20.57	0.1140
66	15	10	423000	1715	CP-OFDM QPSK	1@50	22.62	20.62	0.1153
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	25@12	22.68	20.68	0.1169
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.64	20.64	0.1159
66	15	10	429000	1745	DFT-s-OFDM PI/2 BPSK	1@50	22.82	20.82	0.1208
66	15	10	429000	1745	DFT-s-OFDM QPSK	25@12	23.63	21.63	0.1455
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@1	23.6	21.6	0.1445
66	15	10	429000	1745	DFT-s-OFDM QPSK	1@50	23.64	21.64	0.1459
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	25@12	22.82	20.82	0.1208
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.79	20.79	0.1199
66	15	10	429000	1745	DFT-s-OFDM 16 QAM	1@50	22.79	20.79	0.1199
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	25@12	21.7	19.7	0.0933
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.84	19.84	0.0964
66	15	10	429000	1745	DFT-s-OFDM 64 QAM	1@50	21.94	19.94	0.0986
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	25@12	19.67	17.67	0.0585
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.12	17.12	0.0515
66	15	10	429000	1745	DFT-s-OFDM 256 QAM	1@50	19.25	17.25	0.0531
66	15	10	429000	1745	CP-OFDM QPSK	26@13	22.66	20.66	0.1164
66	15	10	429000	1745	CP-OFDM QPSK	1@1	22.69	20.69	0.1172
66	15	10	429000	1745	CP-OFDM QPSK	1@50	22.83	20.83	0.1211
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	25@12	22.44	20.44	0.1107
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	1@1	22.41	20.41	0.1099
66	15	10	435000	1775	DFT-s-OFDM PI/2 BPSK	1@50	22.46	20.46	0.1112
66	15	10	435000	1775	DFT-s-OFDM QPSK	25@12	23.36	21.36	0.1368

66	15	10	435000	1775	DFT-s-OFDM QPSK	1@1	23.4	21.4	0.1380
66	15	10	435000	1775	DFT-s-OFDM QPSK	1@50	23.38	21.38	0.1374
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	25@12	22.6	20.6	0.1148
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@1	22.55	20.55	0.1135
66	15	10	435000	1775	DFT-s-OFDM 16 QAM	1@50	22.63	20.63	0.1156
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	25@12	21.5	19.5	0.0891
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	1@1	21.59	19.59	0.0910
66	15	10	435000	1775	DFT-s-OFDM 64 QAM	1@50	21.65	19.65	0.0923
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	25@12	19.41	17.41	0.0551
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	1@1	18.93	16.93	0.0493
66	15	10	435000	1775	DFT-s-OFDM 256 QAM	1@50	18.91	16.91	0.0491
66	15	10	435000	1775	CP-OFDM QPSK	26@13	22.41	20.41	0.1099
66	15	10	435000	1775	CP-OFDM QPSK	1@1	22.48	20.48	0.1117
66	15	10	435000	1775	CP-OFDM QPSK	1@50	22.51	20.51	0.1125
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	36@18	22.6	20.6	0.1148
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	22.64	20.64	0.1159
66	15	15	423500	1717.5	DFT-s-OFDM PI/2 BPSK	1@77	22.75	20.75	0.1189
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	36@18	23.49	21.49	0.1409
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@1	23.52	21.52	0.1419
66	15	15	423500	1717.5	DFT-s-OFDM QPSK	1@77	23.68	21.68	0.1472
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	36@18	22.73	20.73	0.1183
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@1	22.76	20.76	0.1191
66	15	15	423500	1717.5	DFT-s-OFDM 16 QAM	1@77	22.85	20.85	0.1216
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	36@18	21.66	19.66	0.0925
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@1	21.87	19.87	0.0971
66	15	15	423500	1717.5	DFT-s-OFDM 64 QAM	1@77	21.77	19.77	0.0948
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	36@18	19.55	17.55	0.0569
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@1	19.06	17.06	0.0508
66	15	15	423500	1717.5	DFT-s-OFDM 256 QAM	1@77	19.11	17.11	0.0514
66	15	15	423500	1717.5	CP-OFDM QPSK	39@19	22.61	20.61	0.1151
66	15	15	423500	1717.5	CP-OFDM QPSK	1@1	22.65	20.65	0.1161
66	15	15	423500	1717.5	CP-OFDM QPSK	1@77	22.66	20.66	0.1164
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	36@18	23.26	21.26	0.1337
66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.95	20.95	0.1245

66	15	15	429000	1745	DFT-s-OFDM PI/2 BPSK	1@77	23.1	21.1	0.1288
66	15	15	429000	1745	DFT-s-OFDM QPSK	36@18	23.92	21.92	0.1556
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@1	23.82	21.82	0.1521
66	15	15	429000	1745	DFT-s-OFDM QPSK	1@77	24.04	22.04	0.1600
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	36@18	23.39	21.39	0.1377
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@1	23.02	21.02	0.1265
66	15	15	429000	1745	DFT-s-OFDM 16 QAM	1@77	23.18	21.18	0.1312
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	36@18	22.33	20.33	0.1079
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	1@1	22.09	20.09	0.1021
66	15	15	429000	1745	DFT-s-OFDM 64 QAM	1@77	22.22	20.22	0.1052
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	36@18	20.25	18.25	0.0668
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.34	17.34	0.0542
66	15	15	429000	1745	DFT-s-OFDM 256 QAM	1@77	19.58	17.58	0.0573
66	15	15	429000	1745	CP-OFDM QPSK	39@19	23.26	21.26	0.1337
66	15	15	429000	1745	CP-OFDM QPSK	1@1	22.96	20.96	0.1247
66	15	15	429000	1745	CP-OFDM QPSK	1@77	23.08	21.08	0.1282
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	36@18	23.06	21.06	0.1276
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	22.85	20.85	0.1216
66	15	15	434500	1772.5	DFT-s-OFDM PI/2 BPSK	1@77	22.94	20.94	0.1242
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	36@18	23.98	21.98	0.1578
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@1	23.82	21.82	0.1521
66	15	15	434500	1772.5	DFT-s-OFDM QPSK	1@77	23.85	21.85	0.1531
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	36@18	22.94	20.94	0.1242
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@1	22.68	20.68	0.1169
66	15	15	434500	1772.5	DFT-s-OFDM 16 QAM	1@77	23.08	21.08	0.1282
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	36@18	21.88	19.88	0.0973
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@1	21.79	19.79	0.0953
66	15	15	434500	1772.5	DFT-s-OFDM 64 QAM	1@77	22.18	20.18	0.1042
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	36@18	20.06	18.06	0.0640
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@1	19.35	17.35	0.0543
66	15	15	434500	1772.5	DFT-s-OFDM 256 QAM	1@77	19.37	17.37	0.0546
66	15	15	434500	1772.5	CP-OFDM QPSK	39@19	22.89	20.89	0.1227
66	15	15	434500	1772.5	CP-OFDM QPSK	1@1	22.77	20.77	0.1194
66	15	15	434500	1772.5	CP-OFDM QPSK	1@77	22.84	20.84	0.1213

66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	50@25	22.61	20.61	0.1151
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	1@1	22.64	20.64	0.1159
66	15	20	424000	1720	DFT-s-OFDM PI/2 BPSK	1@104	22.76	20.76	0.1191
66	15	20	424000	1720	DFT-s-OFDM QPSK	50@25	23.51	21.51	0.1416
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@1	23.56	21.56	0.1432
66	15	20	424000	1720	DFT-s-OFDM QPSK	1@104	23.64	21.64	0.1459
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	50@25	22.71	20.71	0.1178
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@1	22.75	20.75	0.1189
66	15	20	424000	1720	DFT-s-OFDM 16 QAM	1@104	22.84	20.84	0.1213
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	50@25	21.65	19.65	0.0923
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	1@1	21.85	19.85	0.0966
66	15	20	424000	1720	DFT-s-OFDM 64 QAM	1@104	21.88	19.88	0.0973
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	50@25	19.61	17.61	0.0577
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	1@1	19.07	17.07	0.0509
66	15	20	424000	1720	DFT-s-OFDM 256 QAM	1@104	19.19	17.19	0.0524
66	15	20	424000	1720	CP-OFDM QPSK	53@26	22.59	20.59	0.1146
66	15	20	424000	1720	CP-OFDM QPSK	1@1	22.64	20.64	0.1159
66	15	20	424000	1720	CP-OFDM QPSK	1@104	22.71	20.71	0.1178
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	50@25	23.31	21.31	0.1352
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.72	20.72	0.1180
66	15	20	429000	1745	DFT-s-OFDM PI/2 BPSK	1@104	22.86	20.86	0.1219
66	15	20	429000	1745	DFT-s-OFDM QPSK	50@25	24.18	22.18	0.1652
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@1	23.64	21.64	0.1459
66	15	20	429000	1745	DFT-s-OFDM QPSK	1@104	23.81	21.81	0.1517
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	50@25	23.39	21.39	0.1377
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.82	20.82	0.1208
66	15	20	429000	1745	DFT-s-OFDM 16 QAM	1@104	22.94	20.94	0.1242
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	50@25	22.33	20.33	0.1079
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.92	19.92	0.0982
66	15	20	429000	1745	DFT-s-OFDM 64 QAM	1@104	21.98	19.98	0.0995
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	50@25	20.27	18.27	0.0671
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.14	17.14	0.0518
66	15	20	429000	1745	DFT-s-OFDM 256 QAM	1@104	19.37	17.37	0.0546
66	15	20	429000	1745	CP-OFDM QPSK	53@26	23.22	21.22	0.1324

66	15	20	429000	1745	CP-OFDM QPSK	1@1	22.74	20.74	0.1186
66	15	20	429000	1745	CP-OFDM QPSK	1@104	22.85	20.85	0.1216
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	50@25	23.1	21.1	0.1288
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	1@1	22.72	20.72	0.1180
66	15	20	434000	1770	DFT-s-OFDM PI/2 BPSK	1@104	22.75	20.75	0.1189
66	15	20	434000	1770	DFT-s-OFDM QPSK	50@25	24.01	22.01	0.1589
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@1	23.66	21.66	0.1466
66	15	20	434000	1770	DFT-s-OFDM QPSK	1@104	23.63	21.63	0.1455
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	50@25	22.68	20.68	0.1169
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@1	22.79	20.79	0.1199
66	15	20	434000	1770	DFT-s-OFDM 16 QAM	1@104	22.87	20.87	0.1222
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	50@25	21.62	19.62	0.0916
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	1@1	21.84	19.84	0.0964
66	15	20	434000	1770	DFT-s-OFDM 64 QAM	1@104	22.02	20.02	0.1005
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	50@25	20.11	18.11	0.0647
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	1@1	19.19	17.19	0.0524
66	15	20	434000	1770	DFT-s-OFDM 256 QAM	1@104	19.1	17.1	0.0513
66	15	20	434000	1770	CP-OFDM QPSK	53@26	22.59	20.59	0.1146
66	15	20	434000	1770	CP-OFDM QPSK	1@1	22.73	20.73	0.1183
66	15	20	434000	1770	CP-OFDM QPSK	1@104	22.64	20.64	0.1159
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	80@40	22.72	20.72	0.1180
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	1@1	22.67	20.67	0.1167
66	15	30	425000	1725	DFT-s-OFDM PI/2 BPSK	1@158	22.86	20.86	0.1219
66	15	30	425000	1725	DFT-s-OFDM QPSK	80@40	23.51	21.51	0.1416
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@1	23.63	21.63	0.1455
66	15	30	425000	1725	DFT-s-OFDM QPSK	1@158	23.72	21.72	0.1486
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	80@40	22.7	20.7	0.1175
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@1	22.81	20.81	0.1205
66	15	30	425000	1725	DFT-s-OFDM 16 QAM	1@158	22.96	20.96	0.1247
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	80@40	21.67	19.67	0.0927
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	1@1	21.88	19.88	0.0973
66	15	30	425000	1725	DFT-s-OFDM 64 QAM	1@158	22.02	20.02	0.1005
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	80@40	19.72	17.72	0.0592
66	15	30	425000	1725	DFT-s-OFDM 256 QAM	1@1	19.09	17.09	0.0512

66	15	30	425000	1725	DFT-s-OFDM 256 QAM	1@158	19.4	17.4	0.0550
66	15	30	425000	1725	CP-OFDM QPSK	80@40	22.63	20.63	0.1156
66	15	30	425000	1725	CP-OFDM QPSK	1@1	22.68	20.68	0.1169
66	15	30	425000	1725	CP-OFDM QPSK	1@158	22.92	20.92	0.1236
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	80@40	22.86	20.86	0.1219
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.65	20.65	0.1161
66	15	30	429000	1745	DFT-s-OFDM PI/2 BPSK	1@158	22.86	20.86	0.1219
66	15	30	429000	1745	DFT-s-OFDM QPSK	80@40	23.76	21.76	0.1500
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@1	23.56	21.56	0.1432
66	15	30	429000	1745	DFT-s-OFDM QPSK	1@158	23.79	21.79	0.1510
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	80@40	22.93	20.93	0.1239
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.79	20.79	0.1199
66	15	30	429000	1745	DFT-s-OFDM 16 QAM	1@158	22.93	20.93	0.1239
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	80@40	21.91	19.91	0.0979
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.84	19.84	0.0964
66	15	30	429000	1745	DFT-s-OFDM 64 QAM	1@158	22.01	20.01	0.1002
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	80@40	19.88	17.88	0.0614
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.15	17.15	0.0519
66	15	30	429000	1745	DFT-s-OFDM 256 QAM	1@158	19.53	17.53	0.0566
66	15	30	429000	1745	CP-OFDM QPSK	80@40	22.88	20.88	0.1225
66	15	30	429000	1745	CP-OFDM QPSK	1@1	22.7	20.7	0.1175
66	15	30	429000	1745	CP-OFDM QPSK	1@158	22.92	20.92	0.1236
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	80@40	22.72	20.72	0.1180
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	1@1	22.83	20.83	0.1211
66	15	30	433000	1765	DFT-s-OFDM PI/2 BPSK	1@158	22.74	20.74	0.1186
66	15	30	433000	1765	DFT-s-OFDM QPSK	80@40	23.61	21.61	0.1449
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@1	23.72	21.72	0.1486
66	15	30	433000	1765	DFT-s-OFDM QPSK	1@158	23.6	21.6	0.1445
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	80@40	22.55	20.55	0.1135
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@1	22.9	20.9	0.1230
66	15	30	433000	1765	DFT-s-OFDM 16 QAM	1@158	22.84	20.84	0.1213
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	80@40	21.52	19.52	0.0895
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	1@1	22.01	20.01	0.1002
66	15	30	433000	1765	DFT-s-OFDM 64 QAM	1@158	22.02	20.02	0.1005

66	15	30	433000	1765	DFT-s-OFDM 256 QAM	80@40	19.77	17.77	0.0598
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	1@1	19.29	17.29	0.0536
66	15	30	433000	1765	DFT-s-OFDM 256 QAM	1@158	19.16	17.16	0.0520
66	15	30	433000	1765	CP-OFDM QPSK	80@40	22.47	20.47	0.1114
66	15	30	433000	1765	CP-OFDM QPSK	1@1	22.83	20.83	0.1211
66	15	30	433000	1765	CP-OFDM QPSK	1@158	22.66	20.66	0.1164
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	108@54	22.71	20.71	0.1178
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@1	22.67	20.67	0.1167
66	15	40	426000	1730	DFT-s-OFDM PI/2 BPSK	1@214	22.88	20.88	0.1225
66	15	40	426000	1730	DFT-s-OFDM QPSK	108@54	23.62	21.62	0.1452
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@1	23.57	21.57	0.1435
66	15	40	426000	1730	DFT-s-OFDM QPSK	1@214	23.86	21.86	0.1535
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	108@54	22.86	20.86	0.1219
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@1	22.81	20.81	0.1205
66	15	40	426000	1730	DFT-s-OFDM 16 QAM	1@214	23.01	21.01	0.1262
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	108@54	21.75	19.75	0.0944
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@1	21.84	19.84	0.0964
66	15	40	426000	1730	DFT-s-OFDM 64 QAM	1@214	22.06	20.06	0.1014
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	108@54	19.75	17.75	0.0596
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@1	19.05	17.05	0.0507
66	15	40	426000	1730	DFT-s-OFDM 256 QAM	1@214	19.48	17.48	0.0560
66	15	40	426000	1730	CP-OFDM QPSK	108@54	22.72	20.72	0.1180
66	15	40	426000	1730	CP-OFDM QPSK	1@1	22.69	20.69	0.1172
66	15	40	426000	1730	CP-OFDM QPSK	1@214	22.99	20.99	0.1256
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	108@54	22.88	20.88	0.1225
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@1	22.6	20.6	0.1148
66	15	40	429000	1745	DFT-s-OFDM PI/2 BPSK	1@214	22.74	20.74	0.1186
66	15	40	429000	1745	DFT-s-OFDM QPSK	108@54	23.78	21.78	0.1507
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@1	23.45	21.45	0.1396
66	15	40	429000	1745	DFT-s-OFDM QPSK	1@214	23.73	21.73	0.1489
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	108@54	23.55	21.55	0.1429
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@1	22.66	20.66	0.1164
66	15	40	429000	1745	DFT-s-OFDM 16 QAM	1@214	22.68	20.68	0.1169
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	108@54	21.9	19.9	0.0977

66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@1	21.69	19.69	0.0931
66	15	40	429000	1745	DFT-s-OFDM 64 QAM	1@214	21.87	19.87	0.0971
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	108@54	19.9	17.9	0.0617
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@1	19.02	17.02	0.0504
66	15	40	429000	1745	DFT-s-OFDM 256 QAM	1@214	19.45	17.45	0.0556
66	15	40	429000	1745	CP-OFDM QPSK	108@54	22.9	20.9	0.1230
66	15	40	429000	1745	CP-OFDM QPSK	1@1	22.56	20.56	0.1138
66	15	40	429000	1745	CP-OFDM QPSK	1@214	22.73	20.73	0.1183
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	108@54	22.75	20.75	0.1189
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@1	22.71	20.71	0.1178
66	15	40	432000	1760	DFT-s-OFDM PI/2 BPSK	1@214	22.67	20.67	0.1167
66	15	40	432000	1760	DFT-s-OFDM QPSK	108@54	23.65	21.65	0.1462
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@1	23.57	21.57	0.1435
66	15	40	432000	1760	DFT-s-OFDM QPSK	1@214	23.61	21.61	0.1449
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	108@54	22.67	20.67	0.1167
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@1	22.76	20.76	0.1191
66	15	40	432000	1760	DFT-s-OFDM 16 QAM	1@214	22.8	20.8	0.1202
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	108@54	21.57	19.57	0.0906
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@1	21.92	19.92	0.0982
66	15	40	432000	1760	DFT-s-OFDM 64 QAM	1@214	21.95	19.95	0.0989
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	108@54	19.79	17.79	0.0601
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@1	19.08	17.08	0.0511
66	15	40	432000	1760	DFT-s-OFDM 256 QAM	1@214	19.23	17.23	0.0528
66	15	40	432000	1760	CP-OFDM QPSK	108@54	22.57	20.57	0.1140
66	15	40	432000	1760	CP-OFDM QPSK	1@1	22.67	20.67	0.1167
66	15	40	432000	1760	CP-OFDM QPSK	1@214	22.59	20.59	0.1146

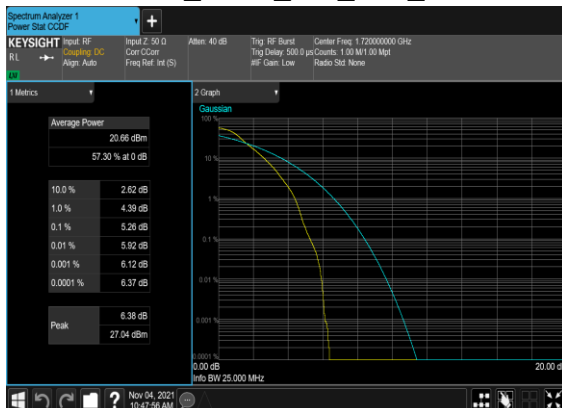
Frequency Stability

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00304	PASS	NV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00469	PASS	LV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00713	PASS	HV
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00801	PASS	-30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00793	PASS	-20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00627	PASS	-10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00511	PASS	0°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00388	PASS	10°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.0057	PASS	20°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00507	PASS	30°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00499	PASS	40°C
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	-0.00417	PASS	50°C

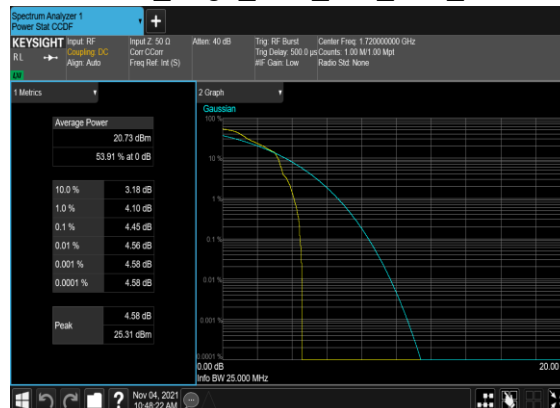
Peak to Average Radio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	100@0	5.26	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM PI/2 BPSK	1@0	4.45	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	100@0	6.71	13	PASS
66	15	20	424000	1720.0	DFT-s-OFDM QPSK	1@0	7.07	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	5.15	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	1@0	4.45	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	6.42	13	PASS
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	1@0	7.02	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	100@0	5.52	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM PI/2 BPSK	1@0	4.52	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	100@0	6.43	13	PASS
66	15	20	434000	1770.0	DFT-s-OFDM QPSK	1@0	6.79	13	PASS

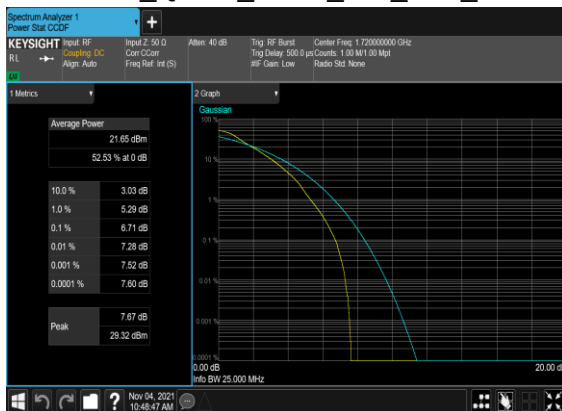
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Low_CH



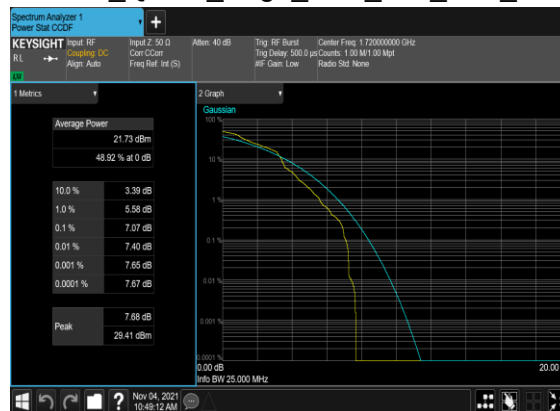
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_Low_CH



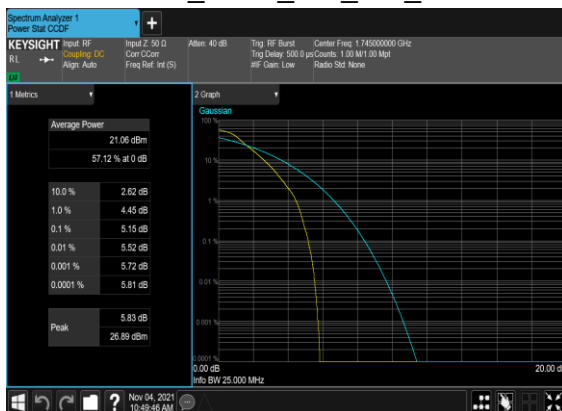
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Low_CH



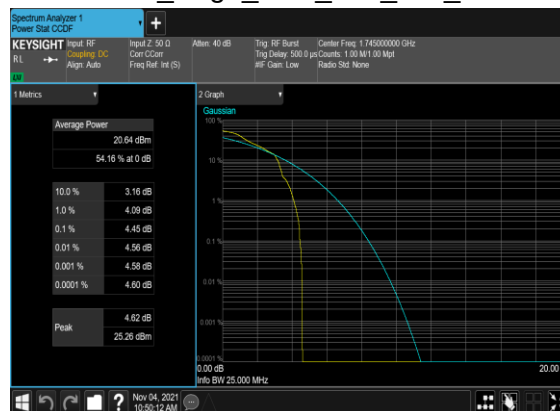
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OFDM_QPSK_Edge_1RB_Left_Low_CH



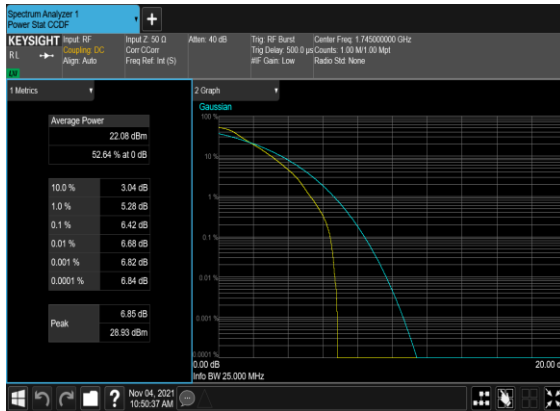
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



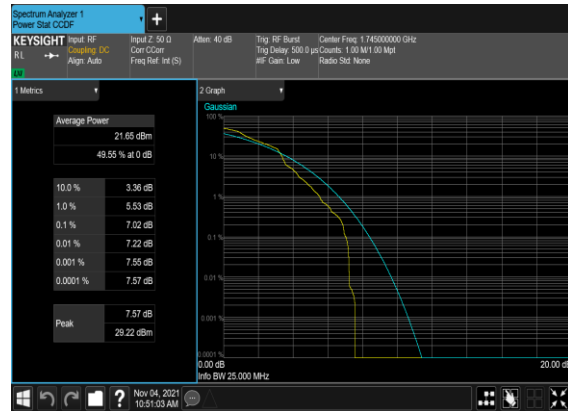
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BPSK_Edge_1RB_Left_Mid_CH



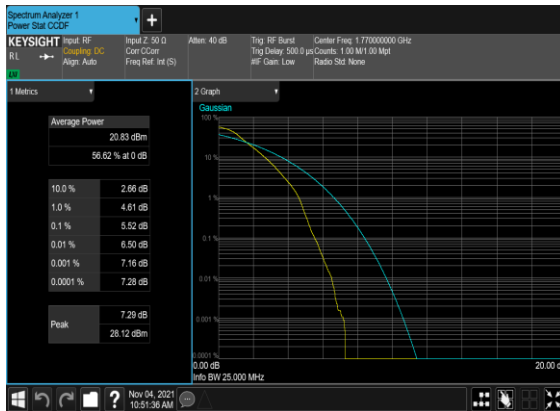
B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



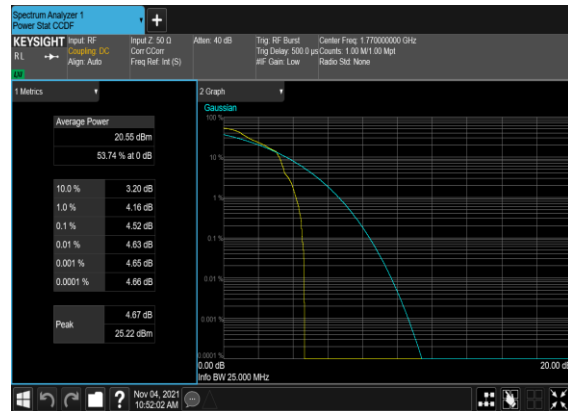
B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_Mid_CH



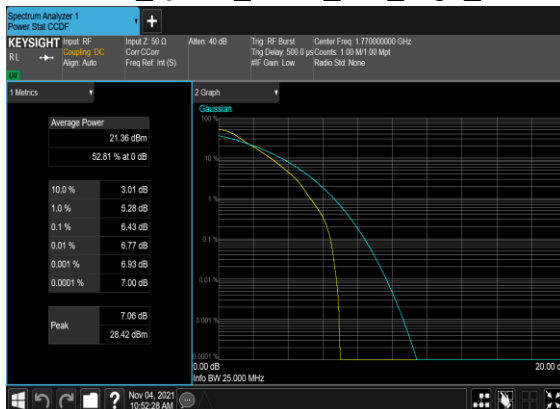
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_High_CH



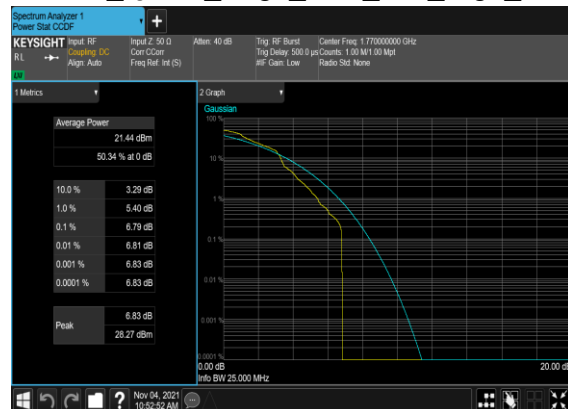
B5_N66(20M)_DFT-s-OFDM_PI_2-
BPSK_Edge_1RB_Left_High_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Outer_Full_High_CH



B5_N66(20M)_DFT-s-
OFDM_QPSK_Edge_1RB_Left_High_CH

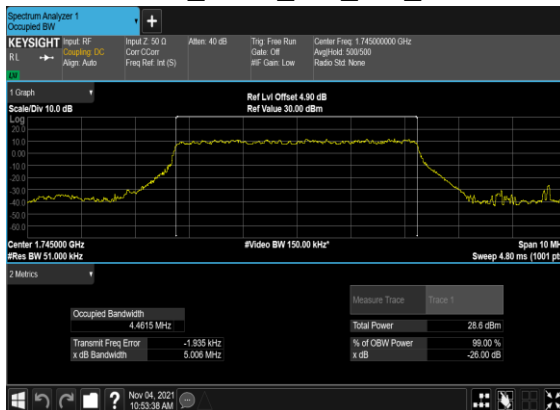


Occupied Bandwidth

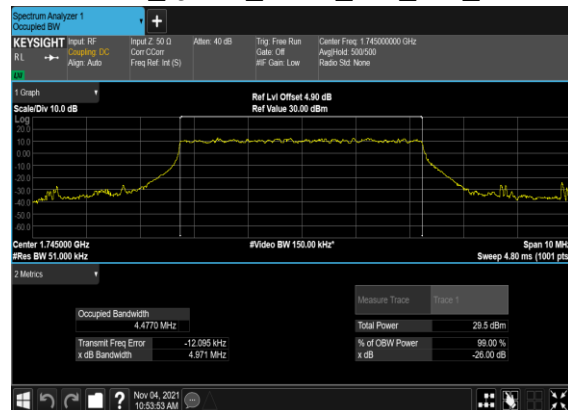
NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	OBW (MHz)	26dB OBW (MHz)
66	15	5	429000	1745.0	DFT-s-OFDM PI/2 BPSK	25@0	4.4615	5.006
66	15	5	429000	1745.0	DFT-s-OFDM QPSK	25@0	4.477	4.971
66	15	5	429000	1745.0	CP-OFDM QPSK	25@0	4.4749	5.034
66	15	5	429000	1745.0	CP-OFDM 16 QAM	25@0	4.4769	5.087
66	15	5	429000	1745.0	CP-OFDM 64 QAM	25@0	4.4709	4.982
66	15	5	429000	1745.0	CP-OFDM 256 QAM	25@0	4.4781	5.123
66	15	10	429000	1745.0	DFT-s-OFDM PI/2 BPSK	50@0	8.9092	9.56
66	15	10	429000	1745.0	DFT-s-OFDM QPSK	50@0	8.9094	9.515
66	15	10	429000	1745.0	CP-OFDM QPSK	52@0	9.2848	10.09
66	15	10	429000	1745.0	CP-OFDM 16 QAM	52@0	9.2802	10.1
66	15	10	429000	1745.0	CP-OFDM 64 QAM	52@0	9.2652	9.948
66	15	10	429000	1745.0	CP-OFDM 256 QAM	52@0	9.2737	9.963
66	15	15	429000	1745.0	DFT-s-OFDM PI/2 BPSK	75@0	13.387	14.32
66	15	15	429000	1745.0	DFT-s-OFDM QPSK	75@0	13.404	14.21
66	15	15	429000	1745.0	CP-OFDM QPSK	79@0	14.099	14.93
66	15	15	429000	1745.0	CP-OFDM 16 QAM	79@0	14.105	14.91
66	15	15	429000	1745.0	CP-OFDM 64 QAM	79@0	14.094	14.76
66	15	15	429000	1745.0	CP-OFDM 256 QAM	79@0	14.084	15.06
66	15	20	429000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	17.887	18.95
66	15	20	429000	1745.0	DFT-s-OFDM QPSK	100@0	17.916	18.72
66	15	20	429000	1745.0	CP-OFDM QPSK	106@0	18.927	19.89
66	15	20	429000	1745.0	CP-OFDM 16 QAM	106@0	18.942	19.97
66	15	20	429000	1745.0	CP-OFDM 64 QAM	106@0	18.884	19.78
66	15	20	429000	1745.0	CP-OFDM 256 QAM	106@0	18.913	19.93

66	15	30	429000	1745.0	DFT-s-OFDM PI/2 BPSK	160@0	28.548	29.71
66	15	30	429000	1745.0	DFT-s-OFDM QPSK	160@0	28.571	29.69
66	15	30	429000	1745.0	CP-OFDM QPSK	160@0	28.535	29.81
66	15	30	429000	1745.0	CP-OFDM 16 QAM	160@0	28.523	29.8
66	15	30	429000	1745.0	CP-OFDM 64 QAM	160@0	28.542	29.81
66	15	30	429000	1745.0	CP-OFDM 256 QAM	160@0	28.566	29.83
66	15	40	429000	1745.0	DFT-s-OFDM PI/2 BPSK	216@0	38.482	40.01
66	15	40	429000	1745.0	DFT-s-OFDM QPSK	216@0	38.512	39.97
66	15	40	429000	1745.0	CP-OFDM QPSK	216@0	38.449	39.91
66	15	40	429000	1745.0	CP-OFDM 16 QAM	216@0	38.494	39.93
66	15	40	429000	1745.0	CP-OFDM 64 QAM	216@0	38.497	39.96
66	15	40	429000	1745.0	CP-OFDM 256 QAM	216@0	38.499	40.04

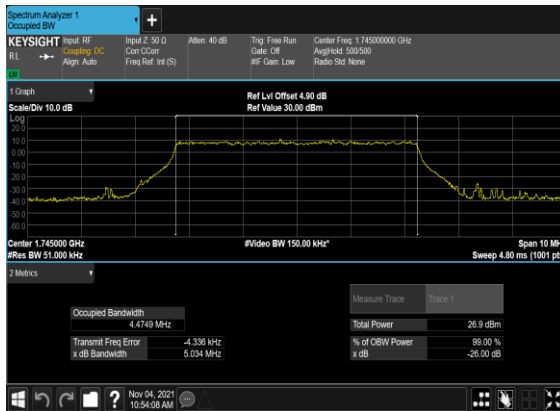
B5_N66(5M)_DFT-s-OFDM_PI_2-
BPSK_Outer_Full_Mid_CH



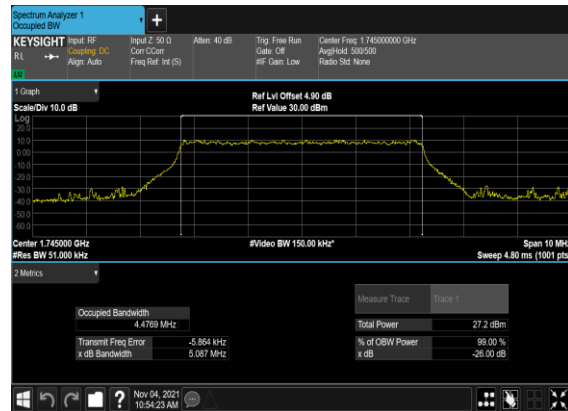
B5_N66(5M)_DFT-s-
OFDM_QPSK_Outer_Full_Mid_CH



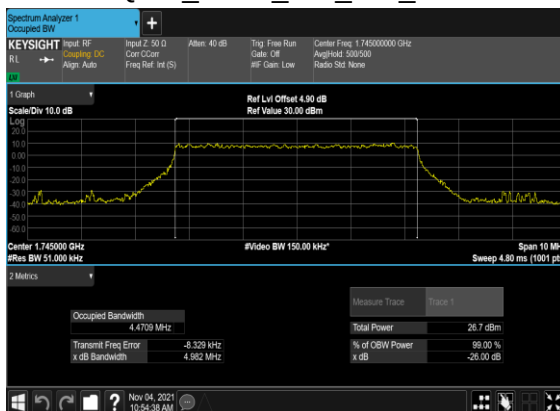
B5_N66(5M)_CP-
OFDM_QPSK_Outer_Full_Mid_CH



B5_N66(5M)_CP-OFDM_16
QAM_Outer_Full_Mid_CH



B5_N66(5M)_CP-OFDM_64
QAM_Outer_Full_Mid_CH



B5_N66(5M)_CP-OFDM_256
QAM_Outer_Full_Mid_CH

