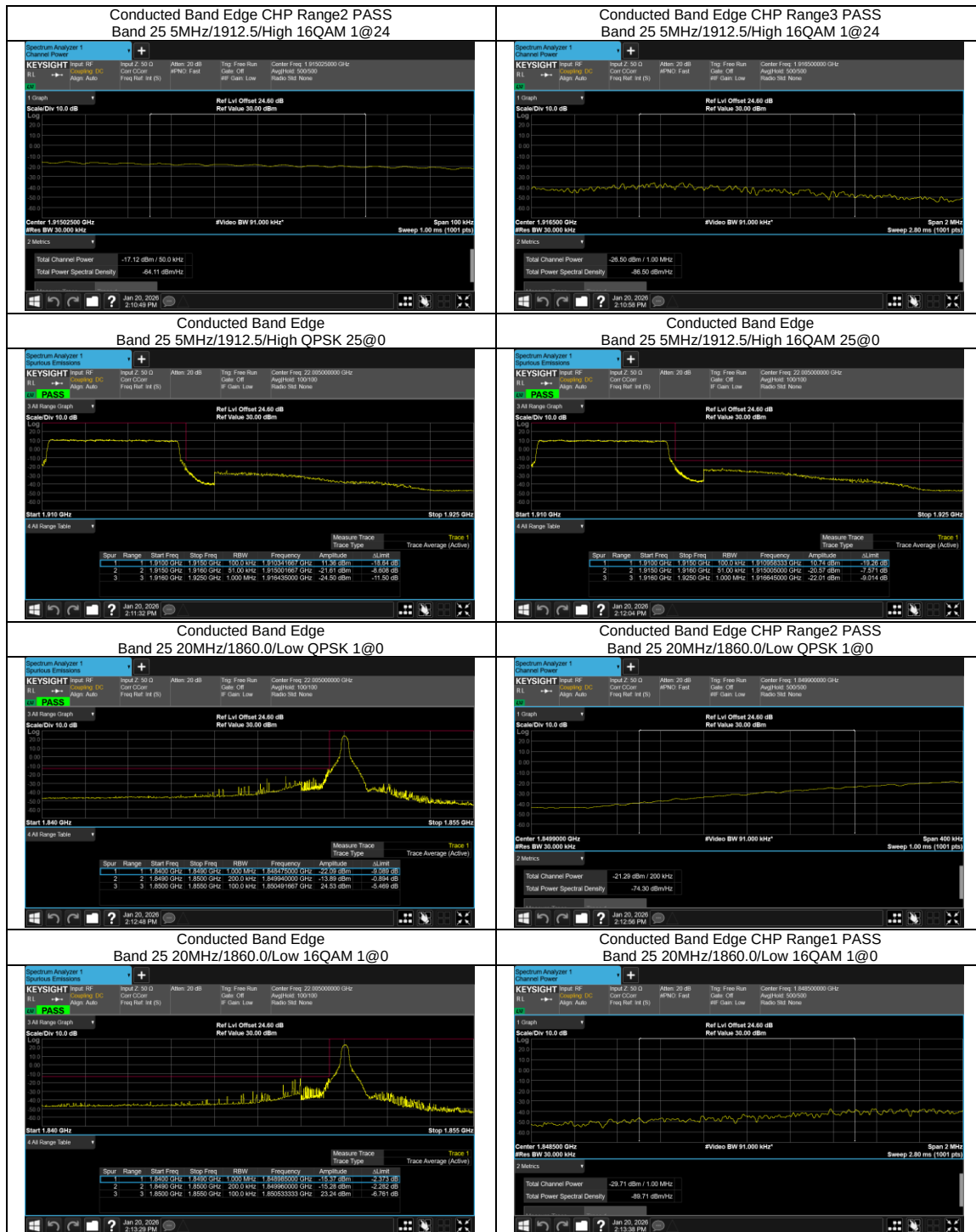
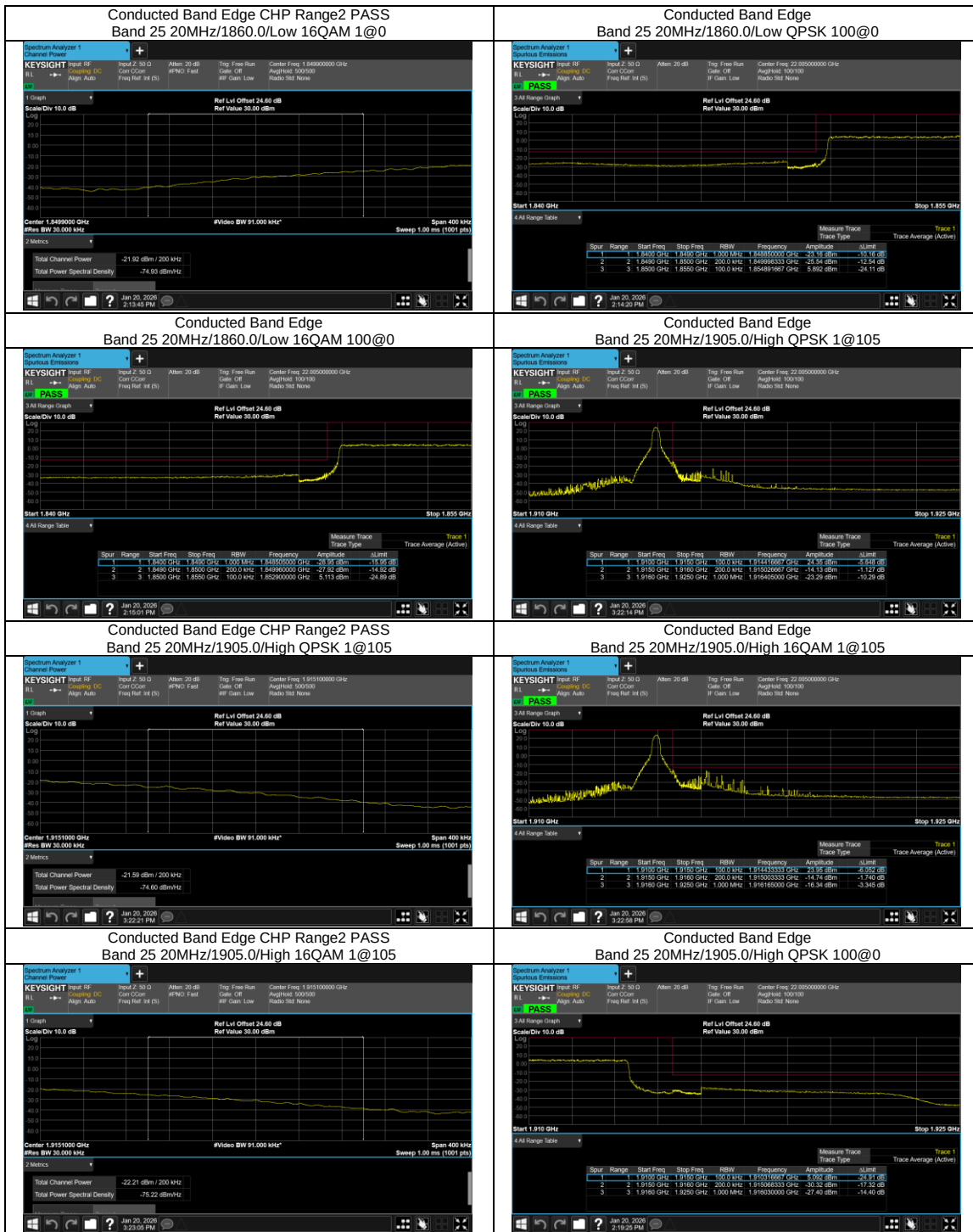
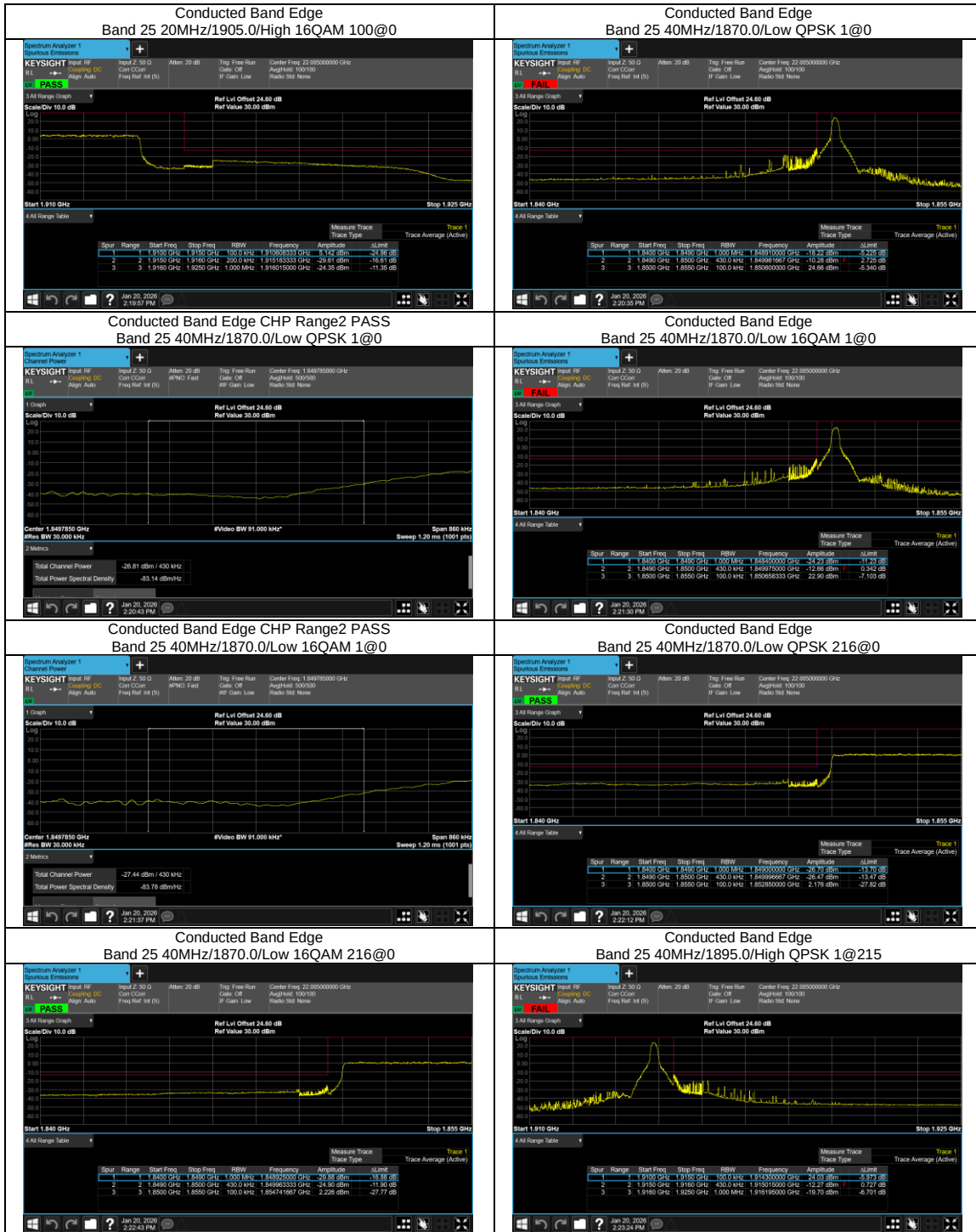
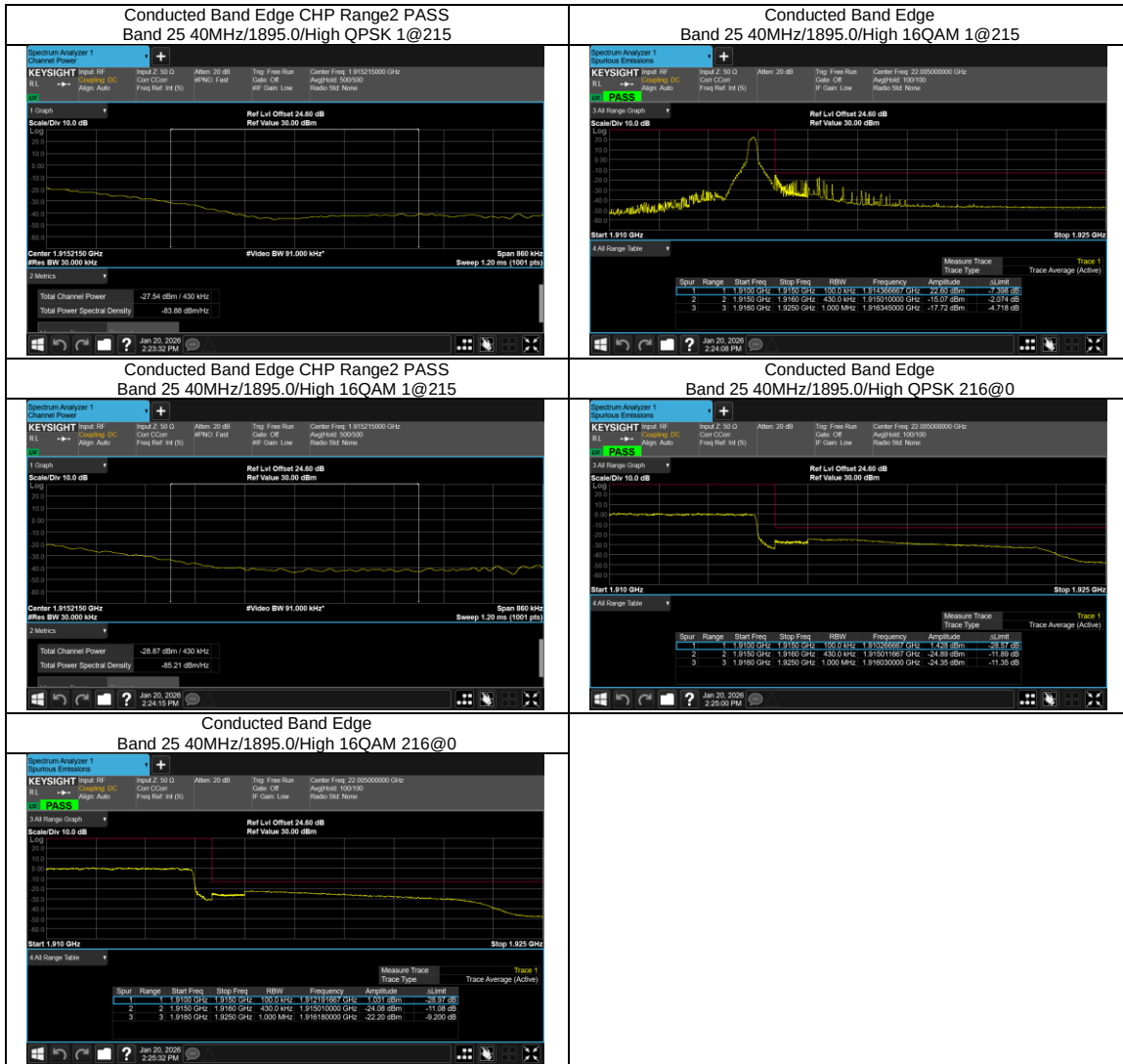










**FR1 N25 MIMO_ANT3****Frequency Stability**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0013	PASS	NV
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0002	PASS	LV
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0031	PASS	HV
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0000	PASS	-30°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0049	PASS	-20°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0017	PASS	-10°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0043	PASS	0°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0031	PASS	10°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0033	PASS	20°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0017	PASS	30°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0038	PASS	40°C
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	0.0035	PASS	50°C



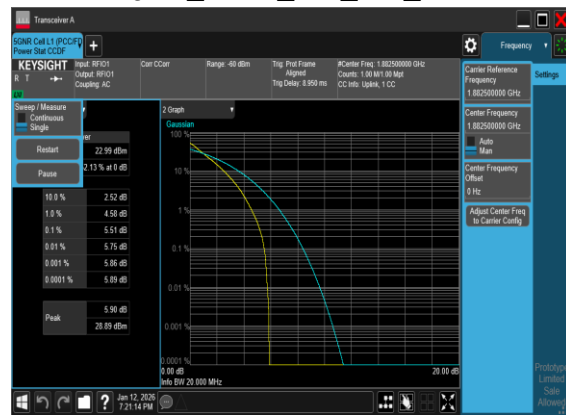
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	5.51	13	PASS
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	5.51	13	PASS

N25(20M)_CP-OFDM
QPSK_Outer_Full_Mid_CH



N25(20M)_CP-OFDM 16
QAM_Outer_Full_Mid_CH





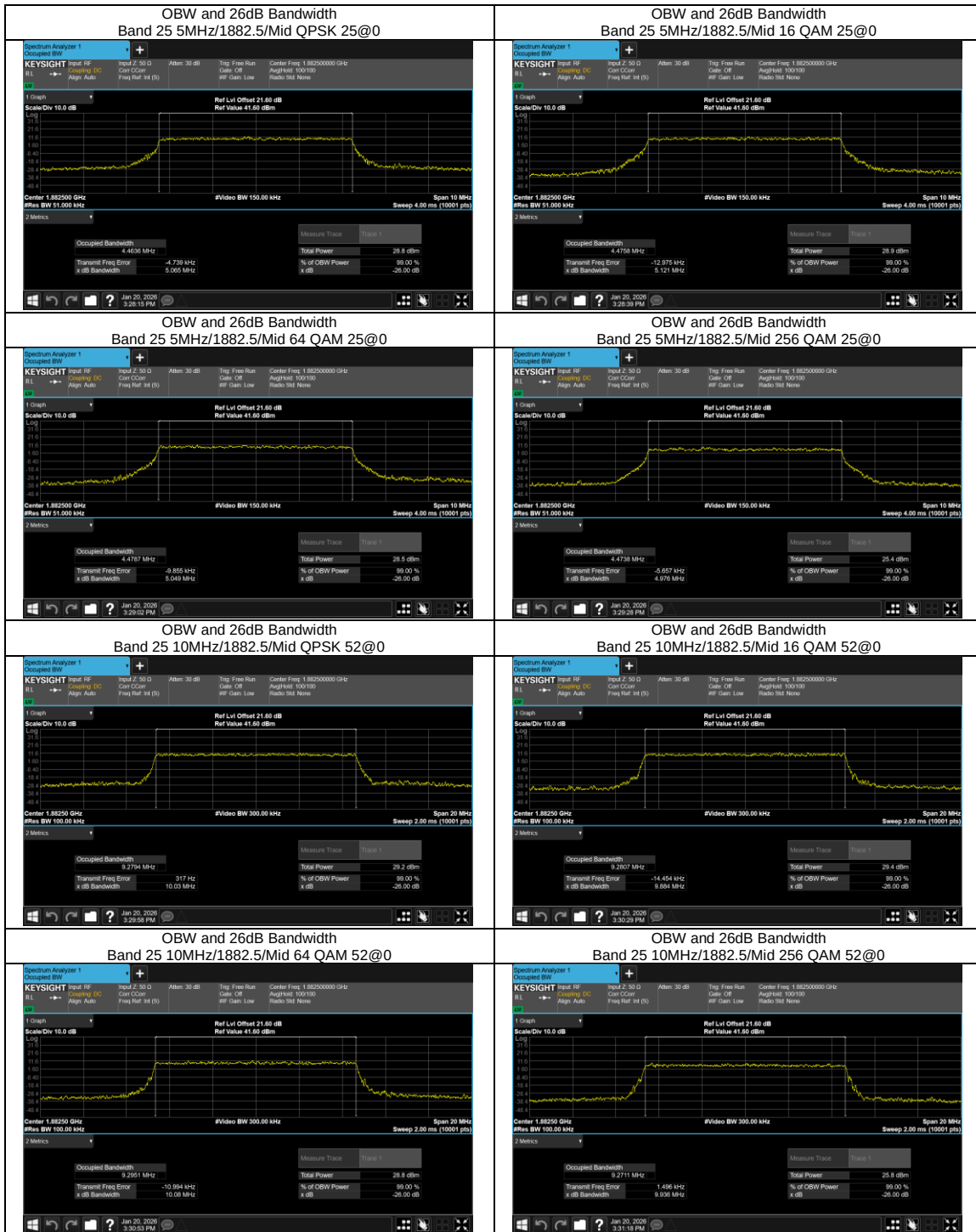
Occupied Bandwidth

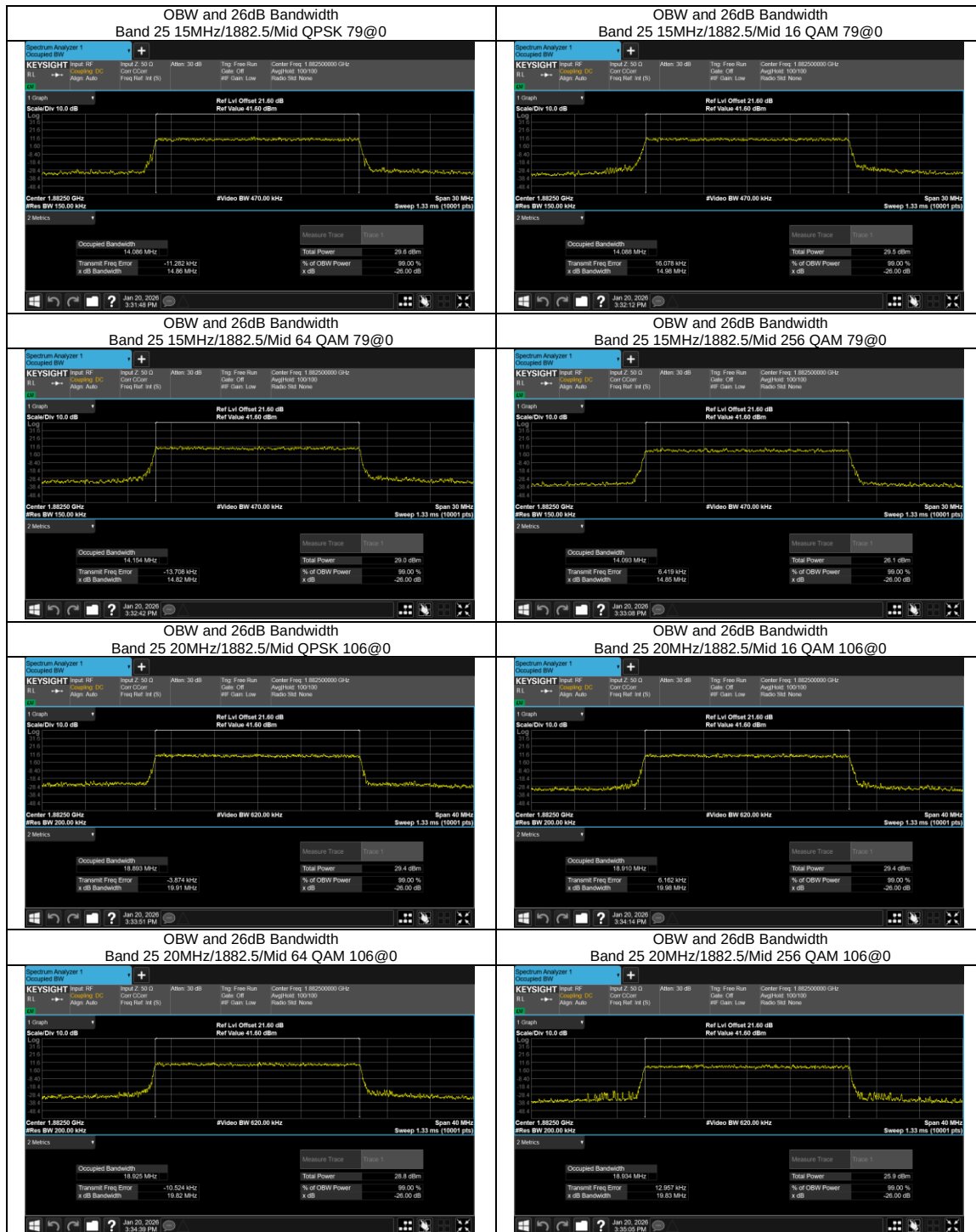
Test Result

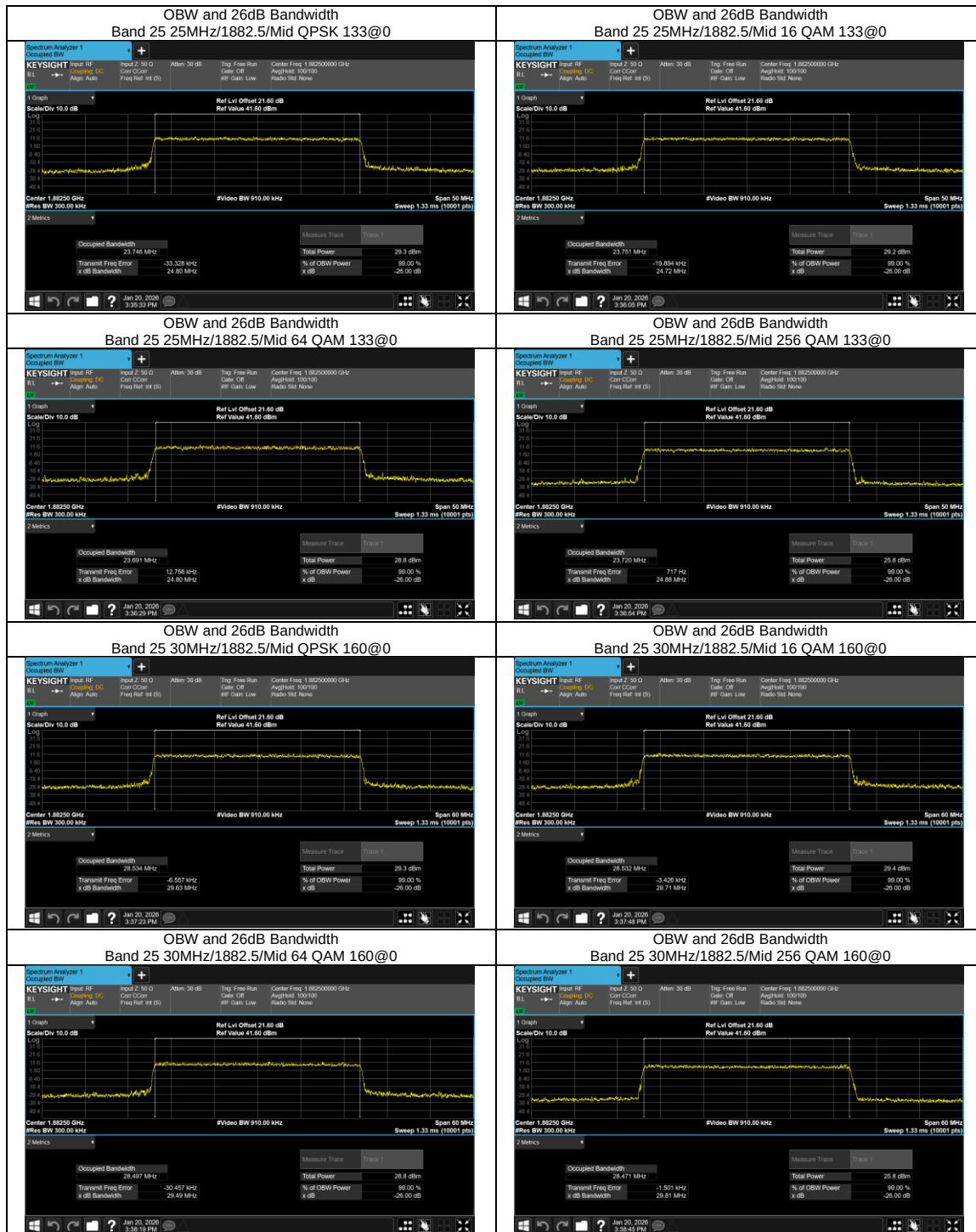
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
25	15	5	376500	1882.5	CP-OFDM QPSK	25@0	4.46	5.065
25	15	5	376500	1882.5	CP-OFDM 16 QAM	25@0	4.48	5.121
25	15	5	376500	1882.5	CP-OFDM 64 QAM	25@0	4.48	5.049
25	15	5	376500	1882.5	CP-OFDM 256 QAM	25@0	4.47	4.976
25	15	10	376500	1882.5	CP-OFDM QPSK	52@0	9.28	10.03
25	15	10	376500	1882.5	CP-OFDM 16 QAM	52@0	9.28	9.884
25	15	10	376500	1882.5	CP-OFDM 64 QAM	52@0	9.3	10.08
25	15	10	376500	1882.5	CP-OFDM 256 QAM	52@0	9.27	9.936
25	15	15	376500	1882.5	CP-OFDM QPSK	79@0	14.09	14.86
25	15	15	376500	1882.5	CP-OFDM 16 QAM	79@0	14.09	14.98
25	15	15	376500	1882.5	CP-OFDM 64 QAM	79@0	14.15	14.82
25	15	15	376500	1882.5	CP-OFDM 256 QAM	79@0	14.09	14.85
25	15	20	376500	1882.5	CP-OFDM QPSK	106@0	18.89	19.91
25	15	20	376500	1882.5	CP-OFDM 16 QAM	106@0	18.91	19.98
25	15	20	376500	1882.5	CP-OFDM 64 QAM	106@0	18.93	19.82
25	15	20	376500	1882.5	CP-OFDM 256 QAM	106@0	18.93	19.83
25	15	25	376500	1882.5	CP-OFDM QPSK	133@0	23.75	24.8
25	15	25	376500	1882.5	CP-OFDM 16 QAM	133@0	23.75	24.72
25	15	25	376500	1882.5	CP-OFDM 64 QAM	133@0	23.69	24.8
25	15	25	376500	1882.5	CP-OFDM 256 QAM	133@0	23.72	24.88
25	15	30	376500	1882.5	CP-OFDM QPSK	160@0	28.53	29.63
25	15	30	376500	1882.5	CP-OFDM 16 QAM	160@0	28.53	29.71
25	15	30	376500	1882.5	CP-OFDM 64 QAM	160@0	28.5	29.49
25	15	30	376500	1882.5	CP-OFDM 256 QAM	160@0	28.47	29.81
25	15	35	376500	1882.5	CP-OFDM QPSK	188@0	33.49	34.63
25	15	35	376500	1882.5	CP-OFDM 16 QAM	188@0	33.47	34.73
25	15	35	376500	1882.5	CP-OFDM 64 QAM	188@0	33.48	34.73
25	15	35	376500	1882.5	CP-OFDM 256 QAM	188@0	33.5	34.64
25	15	40	376500	1882.5	CP-OFDM QPSK	216@0	38.53	39.93
25	15	40	376500	1882.5	CP-OFDM 16 QAM	216@0	38.58	40.13
25	15	40	376500	1882.5	CP-OFDM 64 QAM	216@0	38.5	40.09
25	15	40	376500	1882.5	CP-OFDM 256 QAM	216@0	38.58	39.79

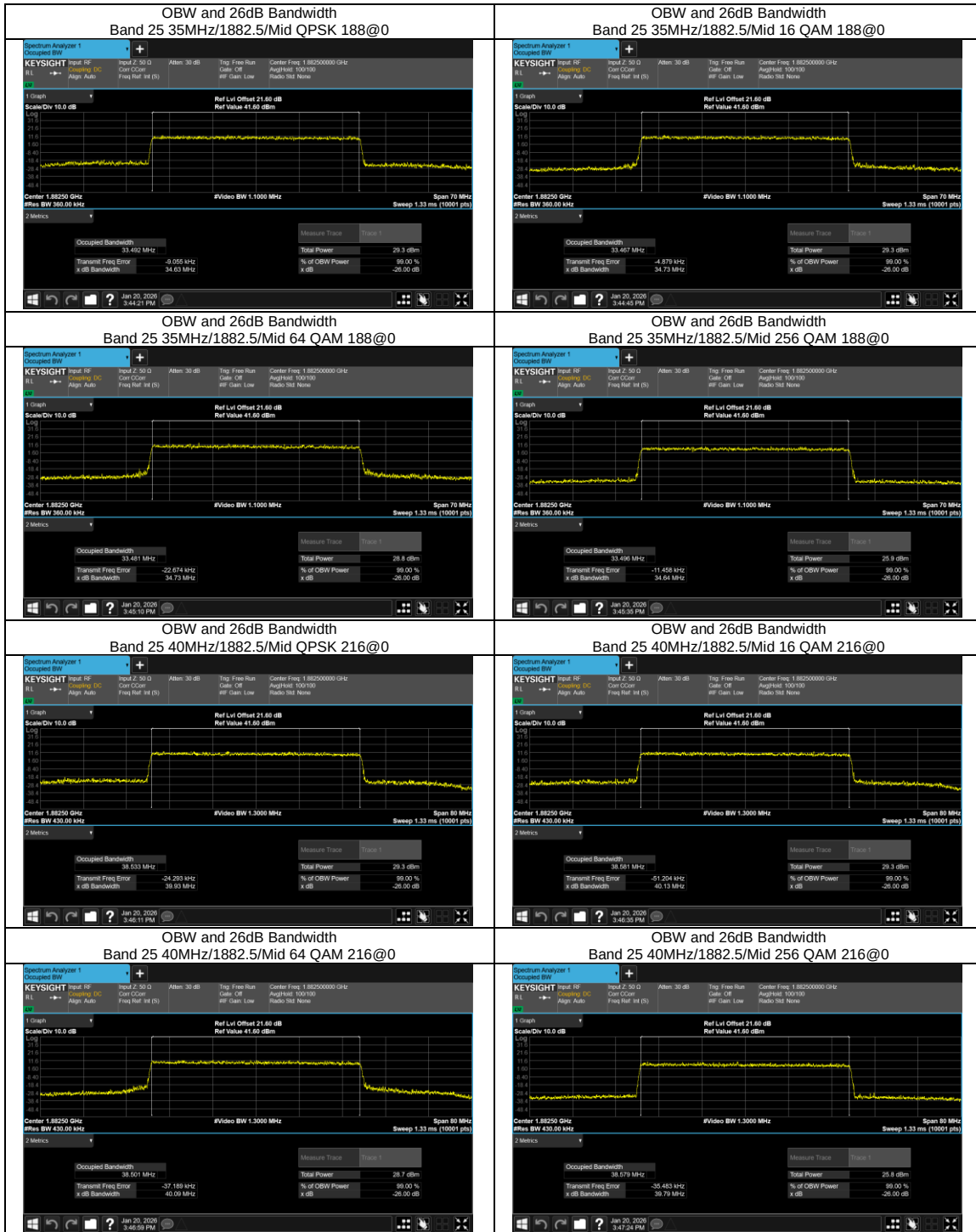


Test Graphs











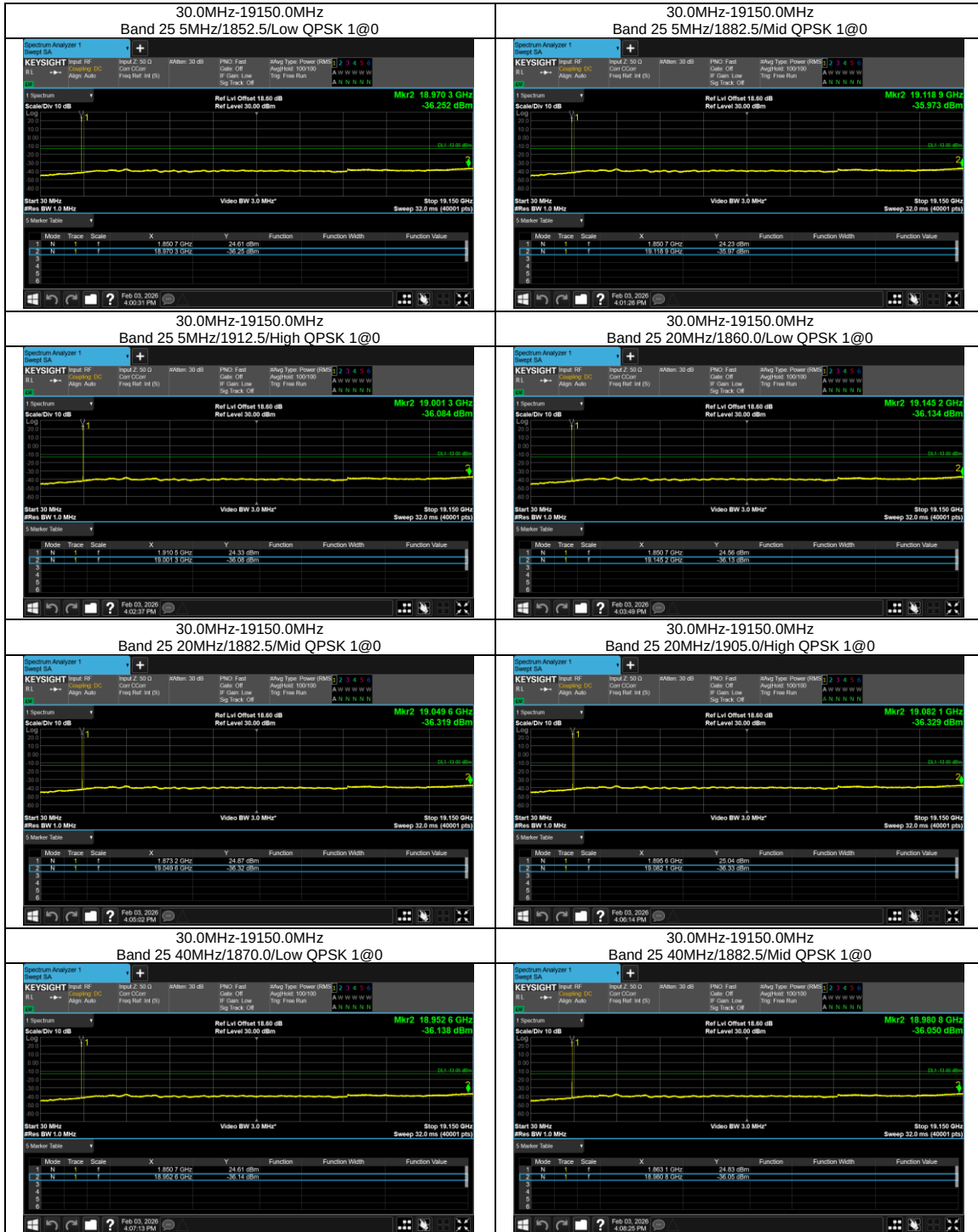
Conducted Spurious Emissions

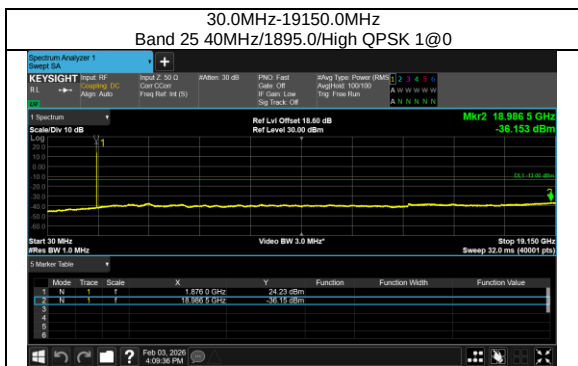
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	CP-OFDM QPSK	1@0	See graph	PASS
25	15	5	376500	1852.5	CP-OFDM QPSK	1@0	See graph	PASS
25	15	5	382500	1912.5	CP-OFDM QPSK	1@0	See graph	PASS
25	15	20	372000	1860.0	CP-OFDM QPSK	1@0	See graph	PASS
25	15	20	376500	1882.5	CP-OFDM QPSK	1@0	See graph	PASS
25	15	20	381000	1905.0	CP-OFDM QPSK	1@0	See graph	PASS
25	15	40	374000	1870.0	CP-OFDM QPSK	1@0	See graph	PASS
25	15	40	376500	1882.5	CP-OFDM QPSK	1@0	See graph	PASS
25	15	40	379000	1895.0	CP-OFDM QPSK	1@0	See graph	PASS



Test Graphs







Conducted Band Edge

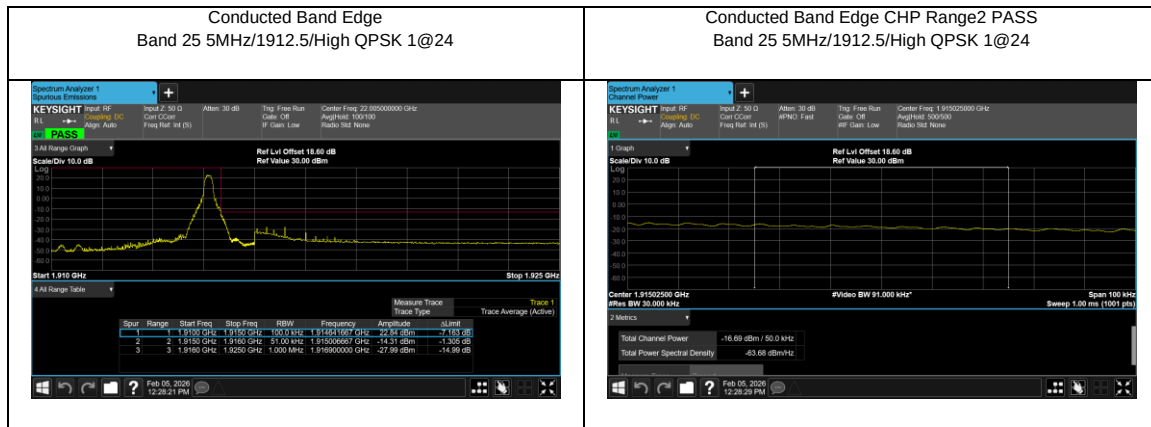
Test Result

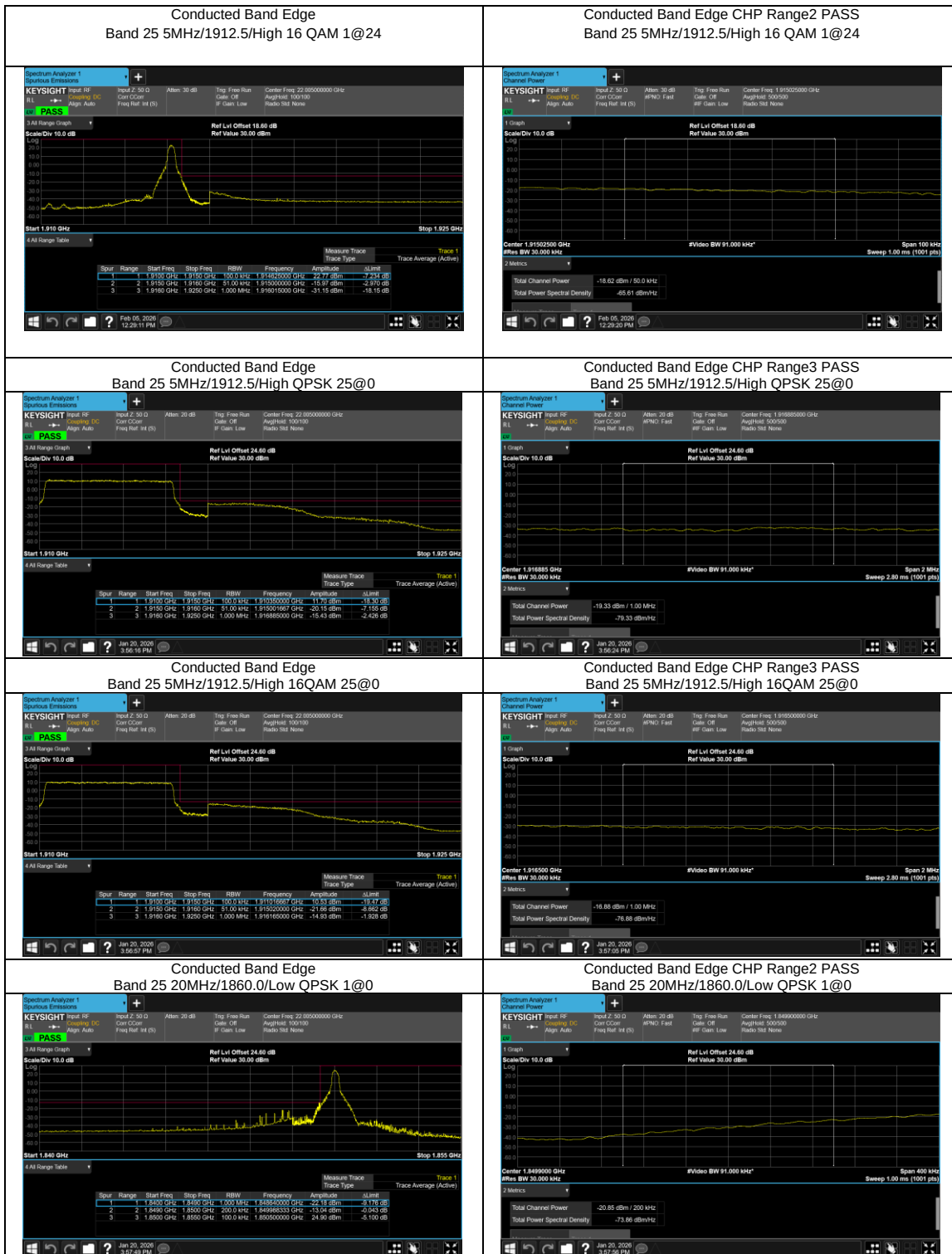
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
25	15	5	370500	1852.5	CP-OFDM QPSK	1@0	See graph	PASS
25	15	5	370500	1852.5	CP-OFDM 16QAM	1@0	See graph	PASS
25	15	5	370500	1852.5	CP-OFDM QPSK	25@0	See graph	PASS
25	15	5	370500	1852.5	CP-OFDM 16QAM	25@0	See graph	PASS
25	15	5	382500	1912.5	CP-OFDM QPSK	1@24	See graph	PASS
25	15	5	382500	1912.5	CP-OFDM 16QAM	1@24	See graph	PASS
25	15	5	382500	1912.5	CP-OFDM QPSK	25@0	See graph	PASS
25	15	5	382500	1912.5	CP-OFDM 16QAM	25@0	See graph	PASS
25	15	20	372000	1860.0	CP-OFDM QPSK	1@0	See graph	PASS
25	15	20	372000	1860.0	CP-OFDM 16QAM	1@0	See graph	PASS
25	15	20	372000	1860.0	CP-OFDM QPSK	100@0	See graph	PASS
25	15	20	372000	1860.0	CP-OFDM 16QAM	100@0	See graph	PASS
25	15	20	381000	1905.0	CP-OFDM QPSK	1@105	See graph	PASS
25	15	20	381000	1905.0	CP-OFDM 16QAM	1@105	See graph	PASS
25	15	20	381000	1905.0	CP-OFDM QPSK	100@0	See graph	PASS
25	15	20	381000	1905.0	CP-OFDM 16QAM	100@0	See graph	PASS
25	15	40	374000	1870.0	CP-OFDM QPSK	1@0	See graph	PASS
25	15	40	374000	1870.0	CP-OFDM 16QAM	1@0	See graph	PASS
25	15	40	374000	1870.0	CP-OFDM QPSK	216@0	See graph	PASS
25	15	40	374000	1870.0	CP-OFDM 16QAM	216@0	See graph	PASS
25	15	40	379000	1895.0	CP-OFDM QPSK	1@215	See graph	PASS
25	15	40	379000	1895.0	CP-OFDM 16QAM	1@215	See graph	PASS
25	15	40	379000	1895.0	CP-OFDM QPSK	216@0	See graph	PASS
25	15	40	379000	1895.0	CP-OFDM 16QAM	216@0	See graph	PASS

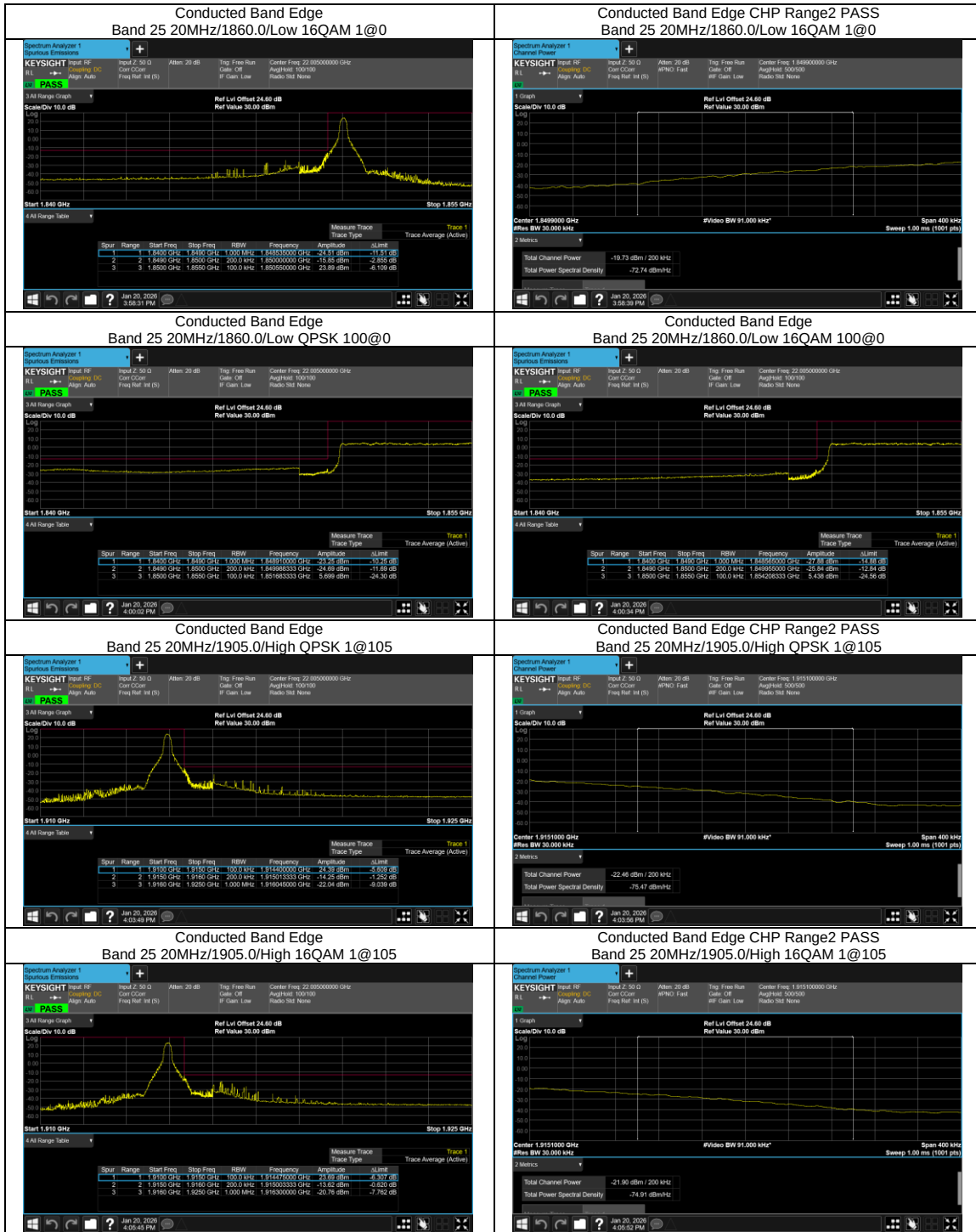


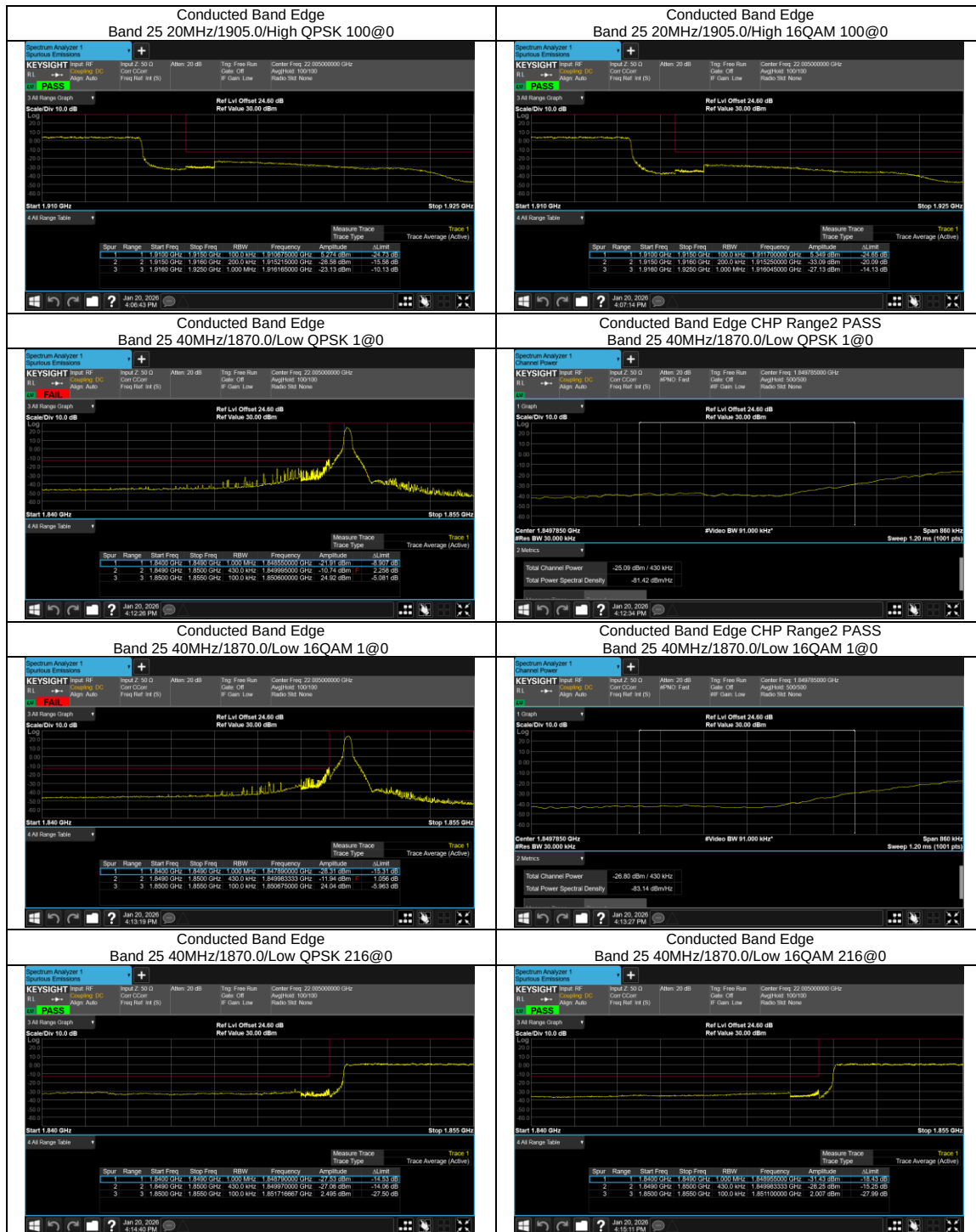
Test Graphs

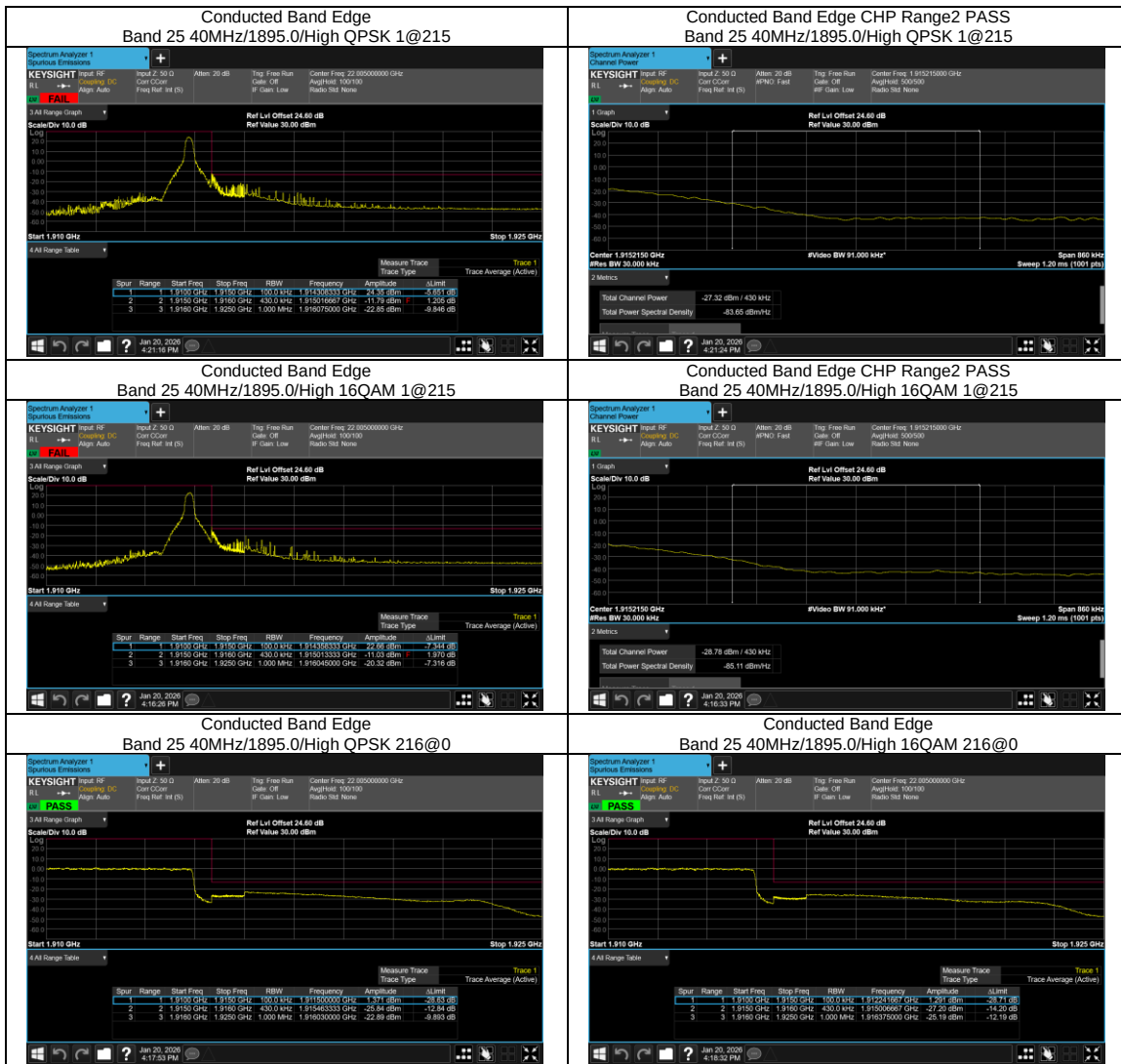














FR1 N66_ ANT2

Transmitter Conducted Output Power And EIRP, (GT - LC)=-1.7 dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	Conducted Power(dBm)	EIRP (dBm)	EIRP(W)
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@1	23.35	21.65	0.1462
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@0	23.31	21.61	0.1449
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	1@23	23.38	21.68	0.1472
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	2@0	23.37	21.67	0.1469
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	12@6	23.50	21.80	0.1514
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	2@23	23.45	21.75	0.1496
66	15	5	342500	1712.5	DFT-s-OFDM PI/2 BPSK	25@0	23.46	21.76	0.1500
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@1	23.36	21.66	0.1466
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@0	23.05	21.35	0.1365
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	1@23	23.39	21.69	0.1476
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	2@0	23.30	21.60	0.1445
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	12@6	23.39	21.69	0.1476
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	2@23	23.42	21.72	0.1486
66	15	5	342500	1712.5	DFT-s-OFDM QPSK	25@0	23.39	21.69	0.1476
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	1@1	23.49	21.79	0.1510
66	15	5	342500	1712.5	DFT-s-OFDM 64 QAM	1@1	22.89	21.19	0.1315
66	15	5	342500	1712.5	DFT-s-OFDM 256 QAM	1@1	20.64	18.94	0.0783
66	15	5	342500	1712.5	DFT-s-OFDM 16 QAM	25@0	23.25	21.55	0.1429
66	15	5	342500	1712.5	DFT-s-OFDM 64 QAM	25@0	22.93	21.23	0.1327
66	15	5	342500	1712.5	DFT-s-OFDM 256 QAM	25@0	20.74	19.04	0.0802
66	15	5	342500	1712.5	CP-OFDM QPSK	1@1	23.60	21.90	0.1549
66	15	5	342500	1712.5	CP-OFDM 16 QAM	1@1	23.39	21.69	0.1476
66	15	5	342500	1712.5	CP-OFDM 64 QAM	1@1	22.20	20.50	0.1122
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.37	21.67	0.1469
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.23	21.53	0.1422
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	1@23	23.18	21.48	0.1406
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.43	21.73	0.1489
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	12@6	23.62	21.92	0.1556
66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	2@23	23.40	21.70	0.1479



66	15	5	349000	1745	DFT-s-OFDM PI/2 BPSK	25@0	23.32	21.62	0.1452
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@1	23.39	21.69	0.1476
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@0	23.29	21.59	0.1442
66	15	5	349000	1745	DFT-s-OFDM QPSK	1@23	23.42	21.72	0.1486
66	15	5	349000	1745	DFT-s-OFDM QPSK	2@0	23.24	21.54	0.1426
66	15	5	349000	1745	DFT-s-OFDM QPSK	12@6	23.45	21.75	0.1496
66	15	5	349000	1745	DFT-s-OFDM QPSK	2@23	23.35	21.65	0.1462
66	15	5	349000	1745	DFT-s-OFDM QPSK	25@0	23.37	21.67	0.1469
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.55	21.85	0.1531
66	15	5	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.86	21.16	0.1306
66	15	5	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.70	19.00	0.0794
66	15	5	349000	1745	DFT-s-OFDM 16 QAM	25@0	23.39	21.69	0.1476
66	15	5	349000	1745	DFT-s-OFDM 64 QAM	25@0	22.94	21.24	0.1330
66	15	5	349000	1745	DFT-s-OFDM 256 QAM	25@0	20.83	19.13	0.0818
66	15	5	349000	1745	CP-OFDM QPSK	1@1	23.64	21.94	0.1563
66	15	5	349000	1745	CP-OFDM 16 QAM	1@1	23.50	21.80	0.1514
66	15	5	349000	1745	CP-OFDM 64 QAM	1@1	22.16	20.46	0.1112
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@1	23.69	21.99	0.1581
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@0	23.44	21.74	0.1493
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	1@23	23.60	21.90	0.1549
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	2@0	23.50	21.80	0.1514
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	12@6	23.77	22.07	0.1611
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	2@23	23.62	21.92	0.1556
66	15	5	355500	1777.5	DFT-s-OFDM PI/2 BPSK	25@0	23.81	22.11	0.1626
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@1	23.48	21.78	0.1507
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@0	23.28	21.58	0.1439
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	1@23	23.60	21.90	0.1549
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	2@0	23.56	21.86	0.1535
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	12@6	23.80	22.10	0.1622
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	2@23	23.59	21.89	0.1545
66	15	5	355500	1777.5	DFT-s-OFDM QPSK	25@0	23.62	21.92	0.1556
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	1@1	23.73	22.03	0.1596
66	15	5	355500	1777.5	DFT-s-OFDM 64 QAM	1@1	23.15	21.45	0.1396
66	15	5	355500	1777.5	DFT-s-OFDM 256 QAM	1@1	20.83	19.13	0.0818
66	15	5	355500	1777.5	DFT-s-OFDM 16 QAM	25@0	23.55	21.85	0.1531
66	15	5	355500	1777.5	DFT-s-OFDM 64 QAM	25@0	23.16	21.46	0.1400
66	15	5	355500	1777.5	DFT-s-OFDM 256 QAM	25@0	20.94	19.24	0.0839
66	15	5	355500	1777.5	CP-OFDM QPSK	1@1	23.58	21.88	0.1542
66	15	5	355500	1777.5	CP-OFDM 16 QAM	1@1	23.73	22.03	0.1596



66	15	5	355500	1777.5	CP-OFDM 64 QAM	1@1	22.40	20.70	0.1175
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@1	23.58	21.88	0.1542
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@0	23.27	21.57	0.1435
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	1@50	23.43	21.73	0.1489
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	2@0	23.45	21.75	0.1496
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	25@12	23.33	21.63	0.1455
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	2@50	23.44	21.74	0.1493
66	15	10	343000	1715	DFT-s-OFDM PI/2 BPSK	50@0	23.52	21.82	0.1521
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@1	23.57	21.87	0.1538
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@0	23.22	21.52	0.1419
66	15	10	343000	1715	DFT-s-OFDM QPSK	1@50	23.29	21.59	0.1442
66	15	10	343000	1715	DFT-s-OFDM QPSK	2@0	23.36	21.66	0.1466
66	15	10	343000	1715	DFT-s-OFDM QPSK	25@12	23.44	21.74	0.1493
66	15	10	343000	1715	DFT-s-OFDM QPSK	2@50	23.38	21.68	0.1472
66	15	10	343000	1715	DFT-s-OFDM QPSK	50@0	23.35	21.65	0.1462
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	1@1	23.36	21.66	0.1466
66	15	10	343000	1715	DFT-s-OFDM 64 QAM	1@1	22.89	21.19	0.1315
66	15	10	343000	1715	DFT-s-OFDM 256 QAM	1@1	20.72	19.02	0.0798
66	15	10	343000	1715	DFT-s-OFDM 16 QAM	50@0	23.34	21.64	0.1459
66	15	10	343000	1715	DFT-s-OFDM 64 QAM	50@0	22.88	21.18	0.1312
66	15	10	343000	1715	DFT-s-OFDM 256 QAM	50@0	20.92	19.22	0.0836
66	15	10	343000	1715	CP-OFDM QPSK	1@1	23.34	21.64	0.1459
66	15	10	343000	1715	CP-OFDM 16 QAM	1@1	23.05	21.35	0.1365
66	15	10	343000	1715	CP-OFDM 64 QAM	1@1	21.54	19.84	0.0964
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.38	21.68	0.1472
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.23	21.53	0.1422
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	1@50	23.40	21.70	0.1479
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.38	21.68	0.1472
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	25@12	23.50	21.80	0.1514
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	2@50	23.38	21.68	0.1472
66	15	10	349000	1745	DFT-s-OFDM PI/2 BPSK	50@0	23.37	21.67	0.1469
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@1	23.51	21.81	0.1517
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@0	23.35	21.65	0.1462
66	15	10	349000	1745	DFT-s-OFDM QPSK	1@50	23.51	21.81	0.1517
66	15	10	349000	1745	DFT-s-OFDM QPSK	2@0	23.33	21.63	0.1455
66	15	10	349000	1745	DFT-s-OFDM QPSK	25@12	23.49	21.79	0.1510
66	15	10	349000	1745	DFT-s-OFDM QPSK	2@50	23.37	21.67	0.1469



66	15	10	349000	1745	DFT-s-OFDM QPSK	50@0	23.38	21.68	0.1472
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	1@1	22.99	21.29	0.1346
66	15	10	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.91	21.21	0.1321
66	15	10	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.69	18.99	0.0793
66	15	10	349000	1745	DFT-s-OFDM 16 QAM	50@0	23.33	21.63	0.1455
66	15	10	349000	1745	DFT-s-OFDM 64 QAM	50@0	22.96	21.26	0.1337
66	15	10	349000	1745	DFT-s-OFDM 256 QAM	50@0	20.81	19.11	0.0815
66	15	10	349000	1745	CP-OFDM QPSK	1@1	23.63	21.93	0.1560
66	15	10	349000	1745	CP-OFDM 16 QAM	1@1	23.55	21.85	0.1531
66	15	10	349000	1745	CP-OFDM 64 QAM	1@1	21.60	19.90	0.0977
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@1	23.55	21.85	0.1531
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@0	23.27	21.57	0.1435
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	1@50	23.68	21.98	0.1578
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	2@0	23.62	21.92	0.1556
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	25@12	23.76	22.06	0.1607
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	2@50	23.55	21.85	0.1531
66	15	10	355000	1775	DFT-s-OFDM PI/2 BPSK	50@0	23.67	21.97	0.1574
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@1	23.60	21.90	0.1549
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@0	23.39	21.69	0.1476
66	15	10	355000	1775	DFT-s-OFDM QPSK	1@50	23.63	21.93	0.1560
66	15	10	355000	1775	DFT-s-OFDM QPSK	2@0	23.59	21.89	0.1545
66	15	10	355000	1775	DFT-s-OFDM QPSK	25@12	23.78	22.08	0.1614
66	15	10	355000	1775	DFT-s-OFDM QPSK	2@50	23.51	21.81	0.1517
66	15	10	355000	1775	DFT-s-OFDM QPSK	50@0	23.69	21.99	0.1581
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	1@1	23.77	22.07	0.1611
66	15	10	355000	1775	DFT-s-OFDM 64 QAM	1@1	23.17	21.47	0.1403
66	15	10	355000	1775	DFT-s-OFDM 256 QAM	1@1	20.66	18.96	0.0787
66	15	10	355000	1775	DFT-s-OFDM 16 QAM	50@0	23.58	21.88	0.1542
66	15	10	355000	1775	DFT-s-OFDM 64 QAM	50@0	23.10	21.40	0.1380
66	15	10	355000	1775	DFT-s-OFDM 256 QAM	50@0	20.96	19.26	0.0843
66	15	10	355000	1775	CP-OFDM QPSK	1@1	23.71	22.01	0.1589
66	15	10	355000	1775	CP-OFDM 16 QAM	1@1	23.77	22.07	0.1611
66	15	10	355000	1775	CP-OFDM 64 QAM	1@1	21.79	20.09	0.1021
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@1	23.55	21.85	0.1531
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@0	23.39	21.69	0.1476
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	1@77	23.53	21.83	0.1524
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	2@0	23.58	21.88	0.1542
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	36@18	23.53	21.83	0.1524



66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	2@77	23.48	21.78	0.1507
66	15	15	343500	1717.5	DFT-s-OFDM PI/2 BPSK	75@0	23.49	21.79	0.1510
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@1	23.51	21.81	0.1517
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@0	23.27	21.57	0.1435
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	1@77	23.43	21.73	0.1489
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	2@0	23.44	21.74	0.1493
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	36@18	23.49	21.79	0.1510
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	2@77	23.47	21.77	0.1503
66	15	15	343500	1717.5	DFT-s-OFDM QPSK	75@0	23.33	21.63	0.1455
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	1@1	23.44	21.74	0.1493
66	15	15	343500	1717.5	DFT-s-OFDM 64 QAM	1@1	23.02	21.32	0.1355
66	15	15	343500	1717.5	DFT-s-OFDM 256 QAM	1@1	20.61	18.91	0.0778
66	15	15	343500	1717.5	DFT-s-OFDM 16 QAM	75@0	23.42	21.72	0.1486
66	15	15	343500	1717.5	DFT-s-OFDM 64 QAM	75@0	22.97	21.27	0.1340
66	15	15	343500	1717.5	DFT-s-OFDM 256 QAM	75@0	20.90	19.20	0.0832
66	15	15	343500	1717.5	CP-OFDM QPSK	1@1	23.55	21.85	0.1531
66	15	15	343500	1717.5	CP-OFDM 16 QAM	1@1	23.59	21.89	0.1545
66	15	15	343500	1717.5	CP-OFDM 64 QAM	1@1	21.59	19.89	0.0975
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.22	21.52	0.1419
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	1@77	23.34	21.64	0.1459
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.51	21.81	0.1517
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	36@18	23.49	21.79	0.1510
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	2@77	23.43	21.73	0.1489
66	15	15	349000	1745	DFT-s-OFDM PI/2 BPSK	75@0	23.48	21.78	0.1507
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@1	23.42	21.72	0.1486
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@0	23.17	21.47	0.1403
66	15	15	349000	1745	DFT-s-OFDM QPSK	1@77	23.47	21.77	0.1503
66	15	15	349000	1745	DFT-s-OFDM QPSK	2@0	23.55	21.85	0.1531
66	15	15	349000	1745	DFT-s-OFDM QPSK	36@18	23.51	21.81	0.1517
66	15	15	349000	1745	DFT-s-OFDM QPSK	2@77	23.42	21.72	0.1486
66	15	15	349000	1745	DFT-s-OFDM QPSK	75@0	23.54	21.84	0.1528
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.68	21.98	0.1578
66	15	15	349000	1745	DFT-s-OFDM 64 QAM	1@1	23.07	21.37	0.1371
66	15	15	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.64	18.94	0.0783
66	15	15	349000	1745	DFT-s-OFDM 16 QAM	75@0	23.37	21.67	0.1469
66	15	15	349000	1745	DFT-s-OFDM 64 QAM	75@0	22.95	21.25	0.1334
66	15	15	349000	1745	DFT-s-OFDM 256 QAM	75@0	20.91	19.21	0.0834
66	15	15	349000	1745	CP-OFDM QPSK	1@1	23.73	22.03	0.1596
66	15	15	349000	1745	CP-OFDM 16 QAM	1@1	23.65	21.95	0.1567



66	15	15	349000	1745	CP-OFDM 64 QAM	1@1	21.70	20.00	0.1000
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@1	23.61	21.91	0.1552
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@0	23.38	21.68	0.1472
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	1@77	23.73	22.03	0.1596
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	2@0	23.46	21.76	0.1500
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	36@18	23.69	21.99	0.1581
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	2@77	23.75	22.05	0.1603
66	15	15	354500	1772.5	DFT-s-OFDM PI/2 BPSK	75@0	23.58	21.88	0.1542
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@1	23.70	22.00	0.1585
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@0	23.23	21.53	0.1422
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	1@77	23.60	21.90	0.1549
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	2@0	23.48	21.78	0.1507
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	36@18	23.85	22.15	0.1641
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	2@77	23.60	21.90	0.1549
66	15	15	354500	1772.5	DFT-s-OFDM QPSK	75@0	23.70	22.00	0.1585
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	1@1	23.75	22.05	0.1603
66	15	15	354500	1772.5	DFT-s-OFDM 64 QAM	1@1	23.05	21.35	0.1365
66	15	15	354500	1772.5	DFT-s-OFDM 256 QAM	1@1	20.78	19.08	0.0809
66	15	15	354500	1772.5	DFT-s-OFDM 16 QAM	75@0	23.51	21.81	0.1517
66	15	15	354500	1772.5	DFT-s-OFDM 64 QAM	75@0	23.03	21.33	0.1358
66	15	15	354500	1772.5	DFT-s-OFDM 256 QAM	75@0	20.99	19.29	0.0849
66	15	15	354500	1772.5	CP-OFDM QPSK	1@1	23.57	21.87	0.1538
66	15	15	354500	1772.5	CP-OFDM 16 QAM	1@1	23.65	21.95	0.1567
66	15	15	354500	1772.5	CP-OFDM 64 QAM	1@1	21.68	19.98	0.0995
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@1	23.42	21.72	0.1486
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@0	23.27	21.57	0.1435
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	1@104	23.24	21.54	0.1426
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	2@0	23.49	21.79	0.1510
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	50@25	23.40	21.70	0.1479
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	2@104	23.25	21.55	0.1429
66	15	20	344000	1720	DFT-s-OFDM PI/2 BPSK	100@0	23.34	21.64	0.1459
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@1	23.42	21.72	0.1486
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@0	23.31	21.61	0.1449
66	15	20	344000	1720	DFT-s-OFDM QPSK	1@104	23.30	21.60	0.1445
66	15	20	344000	1720	DFT-s-OFDM QPSK	2@0	23.44	21.74	0.1493
66	15	20	344000	1720	DFT-s-OFDM QPSK	50@25	23.36	21.66	0.1466
66	15	20	344000	1720	DFT-s-OFDM QPSK	2@104	23.37	21.67	0.1469



66	15	20	344000	1720	DFT-s-OFDM QPSK	100@0	23.55	21.85	0.1531
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	1@1	23.57	21.87	0.1538
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	1@1	22.99	21.29	0.1346
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	1@1	20.50	18.80	0.0759
66	15	20	344000	1720	DFT-s-OFDM 16 QAM	100@0	23.41	21.71	0.1483
66	15	20	344000	1720	DFT-s-OFDM 64 QAM	100@0	22.79	21.09	0.1285
66	15	20	344000	1720	DFT-s-OFDM 256 QAM	100@0	20.76	19.06	0.0805
66	15	20	344000	1720	CP-OFDM QPSK	1@1	23.65	21.95	0.1567
66	15	20	344000	1720	CP-OFDM 16 QAM	1@1	23.45	21.75	0.1496
66	15	20	344000	1720	CP-OFDM 64 QAM	1@1	21.59	19.89	0.0975
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.51	21.81	0.1517
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.28	21.58	0.1439
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	1@104	23.43	21.73	0.1489
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.41	21.71	0.1483
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	50@25	23.40	21.70	0.1479
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	2@104	23.37	21.67	0.1469
66	15	20	349000	1745	DFT-s-OFDM PI/2 BPSK	100@0	23.61	21.91	0.1552
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@1	23.54	21.84	0.1528
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@0	23.18	21.48	0.1406
66	15	20	349000	1745	DFT-s-OFDM QPSK	1@104	23.30	21.60	0.1445
66	15	20	349000	1745	DFT-s-OFDM QPSK	2@0	23.43	21.73	0.1489
66	15	20	349000	1745	DFT-s-OFDM QPSK	50@25	23.40	21.70	0.1479
66	15	20	349000	1745	DFT-s-OFDM QPSK	2@104	23.42	21.72	0.1486
66	15	20	349000	1745	DFT-s-OFDM QPSK	100@0	23.52	21.82	0.1521
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.67	21.97	0.1574
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.98	21.28	0.1343
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.52	18.82	0.0762
66	15	20	349000	1745	DFT-s-OFDM 16 QAM	100@0	23.47	21.77	0.1503
66	15	20	349000	1745	DFT-s-OFDM 64 QAM	100@0	22.84	21.14	0.1300
66	15	20	349000	1745	DFT-s-OFDM 256 QAM	100@0	20.82	19.12	0.0817
66	15	20	349000	1745	CP-OFDM QPSK	1@1	23.67	21.97	0.1574
66	15	20	349000	1745	CP-OFDM 16 QAM	1@1	23.42	21.72	0.1486
66	15	20	349000	1745	CP-OFDM 64 QAM	1@1	21.62	19.92	0.0982
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@1	23.41	21.71	0.1483
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@0	23.21	21.51	0.1416
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	1@104	23.60	21.90	0.1549
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	2@0	23.41	21.71	0.1483
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	50@25	23.62	21.92	0.1556



66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	2@104	23.48	21.78	0.1507
66	15	20	354000	1770	DFT-s-OFDM PI/2 BPSK	100@0	23.61	21.91	0.1552
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@1	23.33	21.63	0.1455
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@0	23.10	21.40	0.1380
66	15	20	354000	1770	DFT-s-OFDM QPSK	1@104	23.47	21.77	0.1503
66	15	20	354000	1770	DFT-s-OFDM QPSK	2@0	23.34	21.64	0.1459
66	15	20	354000	1770	DFT-s-OFDM QPSK	50@25	23.51	21.81	0.1517
66	15	20	354000	1770	DFT-s-OFDM QPSK	2@104	23.51	21.81	0.1517
66	15	20	354000	1770	DFT-s-OFDM QPSK	100@0	23.64	21.94	0.1563
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	1@1	23.10	21.40	0.1380
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	1@1	22.88	21.18	0.1312
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	1@1	20.61	18.91	0.0778
66	15	20	354000	1770	DFT-s-OFDM 16 QAM	100@0	23.53	21.83	0.1524
66	15	20	354000	1770	DFT-s-OFDM 64 QAM	100@0	22.95	21.25	0.1334
66	15	20	354000	1770	DFT-s-OFDM 256 QAM	100@0	20.83	19.13	0.0818
66	15	20	354000	1770	CP-OFDM QPSK	1@1	23.52	21.82	0.1521
66	15	20	354000	1770	CP-OFDM 16 QAM	1@1	23.40	21.70	0.1479
66	15	20	354000	1770	CP-OFDM 64 QAM	1@1	21.44	19.74	0.0942
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@1	23.56	21.86	0.1535
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@0	23.30	21.60	0.1445
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	1@131	23.36	21.66	0.1466
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	2@0	23.35	21.65	0.1462
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	64@32	23.42	21.72	0.1486
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	2@131	23.52	21.82	0.1521
66	15	25	344500	1722.5	DFT-s-OFDM PI/2 BPSK	128@0	23.48	21.78	0.1507
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@1	23.60	21.90	0.1549
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@0	23.41	21.71	0.1483
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	1@131	23.37	21.67	0.1469
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	2@0	23.54	21.84	0.1528
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	64@32	23.61	21.91	0.1552
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	2@131	23.46	21.76	0.1500
66	15	25	344500	1722.5	DFT-s-OFDM QPSK	128@0	23.47	21.77	0.1503
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	1@1	23.69	21.99	0.1581
66	15	25	344500	1722.5	DFT-s-OFDM 64 QAM	1@1	23.16	21.46	0.1400
66	15	25	344500	1722.5	DFT-s-OFDM 256 QAM	1@1	20.73	19.03	0.0800
66	15	25	344500	1722.5	DFT-s-OFDM 16 QAM	128@0	23.46	21.76	0.1500
66	15	25	344500	1722.5	DFT-s-OFDM 64 QAM	128@0	22.94	21.24	0.1330
66	15	25	344500	1722.5	DFT-s-OFDM 256 QAM	128@0	20.85	19.15	0.0822
66	15	25	344500	1722.5	CP-OFDM QPSK	1@1	23.69	21.99	0.1581



66	15	25	344500	1722.5	CP-OFDM 16 QAM	1@1	23.52	21.82	0.1521
66	15	25	344500	1722.5	CP-OFDM 64 QAM	1@1	21.76	20.06	0.1014
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.59	21.89	0.1545
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.30	21.60	0.1445
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	1@131	23.34	21.64	0.1459
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.56	21.86	0.1535
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	64@32	23.49	21.79	0.1510
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	2@131	23.42	21.72	0.1486
66	15	25	349000	1745	DFT-s-OFDM PI/2 BPSK	128@0	23.40	21.70	0.1479
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@1	23.62	21.92	0.1556
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@0	23.45	21.75	0.1496
66	15	25	349000	1745	DFT-s-OFDM QPSK	1@131	23.58	21.88	0.1542
66	15	25	349000	1745	DFT-s-OFDM QPSK	2@0	23.62	21.92	0.1556
66	15	25	349000	1745	DFT-s-OFDM QPSK	64@32	23.53	21.83	0.1524
66	15	25	349000	1745	DFT-s-OFDM QPSK	2@131	23.35	21.65	0.1462
66	15	25	349000	1745	DFT-s-OFDM QPSK	128@0	23.44	21.74	0.1493
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.79	22.09	0.1618
66	15	25	349000	1745	DFT-s-OFDM 64 QAM	1@1	23.17	21.47	0.1403
66	15	25	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.76	19.06	0.0805
66	15	25	349000	1745	DFT-s-OFDM 16 QAM	128@0	23.32	21.62	0.1452
66	15	25	349000	1745	DFT-s-OFDM 64 QAM	128@0	22.91	21.21	0.1321
66	15	25	349000	1745	DFT-s-OFDM 256 QAM	128@0	20.93	19.23	0.0838
66	15	25	349000	1745	CP-OFDM QPSK	1@1	23.83	22.13	0.1633
66	15	25	349000	1745	CP-OFDM 16 QAM	1@1	23.67	21.97	0.1574
66	15	25	349000	1745	CP-OFDM 64 QAM	1@1	21.76	20.06	0.1014
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	21.93	0.1560
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@0	23.46	21.76	0.1500
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	1@131	23.66	21.96	0.1570
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	2@0	23.54	21.84	0.1528
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	64@32	23.68	21.98	0.1578
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	2@131	23.62	21.92	0.1556
66	15	25	353500	1767.5	DFT-s-OFDM PI/2 BPSK	128@0	23.53	21.83	0.1524
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@1	23.52	21.82	0.1521
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@0	23.54	21.84	0.1528
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	1@131	23.73	22.03	0.1596
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	2@0	23.74	22.04	0.1600
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	64@32	23.82	22.12	0.1629



66	15	25	353500	1767.5	DFT-s-OFDM QPSK	2@131	23.74	22.04	0.1600
66	15	25	353500	1767.5	DFT-s-OFDM QPSK	128@0	21.44	19.74	0.0942
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	1@1	21.65	19.95	0.0989
66	15	25	353500	1767.5	DFT-s-OFDM 64 QAM	1@1	23.00	21.30	0.1349
66	15	25	353500	1767.5	DFT-s-OFDM 256 QAM	1@1	17.67	15.97	0.0395
66	15	25	353500	1767.5	DFT-s-OFDM 16 QAM	128@0	20.51	18.81	0.0760
66	15	25	353500	1767.5	DFT-s-OFDM 64 QAM	128@0	22.99	21.29	0.1346
66	15	25	353500	1767.5	DFT-s-OFDM 256 QAM	128@0	20.82	19.12	0.0817
66	15	25	353500	1767.5	CP-OFDM QPSK	1@1	20.94	19.24	0.0839
66	15	25	353500	1767.5	CP-OFDM 16 QAM	1@1	20.58	18.88	0.0773
66	15	25	353500	1767.5	CP-OFDM 64 QAM	1@1	19.01	17.31	0.0538
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@1	23.61	21.91	0.1552
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@0	23.38	21.68	0.1472
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	1@158	23.51	21.81	0.1517
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	2@0	23.42	21.72	0.1486
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	80@40	23.42	21.72	0.1486
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	2@158	23.43	21.73	0.1489
66	15	30	345000	1725	DFT-s-OFDM PI/2 BPSK	160@0	23.51	21.81	0.1517
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@1	23.56	21.86	0.1535
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@0	23.30	21.60	0.1445
66	15	30	345000	1725	DFT-s-OFDM QPSK	1@158	23.56	21.86	0.1535
66	15	30	345000	1725	DFT-s-OFDM QPSK	2@0	23.53	21.83	0.1524
66	15	30	345000	1725	DFT-s-OFDM QPSK	80@40	23.56	21.86	0.1535
66	15	30	345000	1725	DFT-s-OFDM QPSK	2@158	23.50	21.80	0.1514
66	15	30	345000	1725	DFT-s-OFDM QPSK	160@0	23.52	21.82	0.1521
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	1@1	23.68	21.98	0.1578
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	1@1	23.11	21.41	0.1384
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	1@1	20.86	19.16	0.0824
66	15	30	345000	1725	DFT-s-OFDM 16 QAM	160@0	23.39	21.69	0.1476
66	15	30	345000	1725	DFT-s-OFDM 64 QAM	160@0	22.94	21.24	0.1330
66	15	30	345000	1725	DFT-s-OFDM 256 QAM	160@0	20.95	19.25	0.0841
66	15	30	345000	1725	CP-OFDM QPSK	1@1	23.50	21.80	0.1514
66	15	30	345000	1725	CP-OFDM 16 QAM	1@1	23.68	21.98	0.1578
66	15	30	345000	1725	CP-OFDM 64 QAM	1@1	21.54	19.84	0.0964
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.66	21.96	0.1570
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.52	21.82	0.1521
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	1@158	23.66	21.96	0.1570
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.62	21.92	0.1556



66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	80@40	23.46	21.76	0.1500
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	2@158	23.50	21.80	0.1514
66	15	30	349000	1745	DFT-s-OFDM PI/2 BPSK	160@0	23.52	21.82	0.1521
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@1	23.61	21.91	0.1552
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@0	23.35	21.65	0.1462
66	15	30	349000	1745	DFT-s-OFDM QPSK	1@158	23.51	21.81	0.1517
66	15	30	349000	1745	DFT-s-OFDM QPSK	2@0	23.57	21.87	0.1538
66	15	30	349000	1745	DFT-s-OFDM QPSK	80@40	23.47	21.77	0.1503
66	15	30	349000	1745	DFT-s-OFDM QPSK	2@158	23.51	21.81	0.1517
66	15	30	349000	1745	DFT-s-OFDM QPSK	160@0	23.47	21.77	0.1503
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.61	21.91	0.1552
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.76	21.06	0.1276
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.76	19.06	0.0805
66	15	30	349000	1745	DFT-s-OFDM 16 QAM	160@0	23.39	21.69	0.1476
66	15	30	349000	1745	DFT-s-OFDM 64 QAM	160@0	22.92	21.22	0.1324
66	15	30	349000	1745	DFT-s-OFDM 256 QAM	160@0	20.88	19.18	0.0828
66	15	30	349000	1745	CP-OFDM QPSK	1@1	23.56	21.86	0.1535
66	15	30	349000	1745	CP-OFDM 16 QAM	1@1	23.28	21.58	0.1439
66	15	30	349000	1745	CP-OFDM 64 QAM	1@1	21.67	19.97	0.0993
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@1	23.62	21.92	0.1556
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@0	23.31	21.61	0.1449
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	1@158	23.72	22.02	0.1592
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	2@0	23.54	21.84	0.1528
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	80@40	23.69	21.99	0.1581
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	2@158	23.63	21.93	0.1560
66	15	30	353000	1765	DFT-s-OFDM PI/2 BPSK	160@0	23.55	21.85	0.1531
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@1	23.55	21.85	0.1531
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@0	23.18	21.48	0.1406
66	15	30	353000	1765	DFT-s-OFDM QPSK	1@158	23.63	21.93	0.1560
66	15	30	353000	1765	DFT-s-OFDM QPSK	2@0	23.46	21.76	0.1500
66	15	30	353000	1765	DFT-s-OFDM QPSK	80@40	23.56	21.86	0.1535
66	15	30	353000	1765	DFT-s-OFDM QPSK	2@158	23.74	22.04	0.1600
66	15	30	353000	1765	DFT-s-OFDM QPSK	160@0	23.37	21.67	0.1469
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	1@1	23.69	21.99	0.1581
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	1@1	23.08	21.38	0.1374
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	1@1	20.74	19.04	0.0802
66	15	30	353000	1765	DFT-s-OFDM 16 QAM	160@0	23.54	21.84	0.1528
66	15	30	353000	1765	DFT-s-OFDM 64 QAM	160@0	23.01	21.31	0.1352
66	15	30	353000	1765	DFT-s-OFDM 256 QAM	160@0	20.90	19.20	0.0832



66	15	30	353000	1765	CP-OFDM QPSK	1@1	23.66	21.96	0.1570
66	15	30	353000	1765	CP-OFDM 16 QAM	1@1	23.57	21.87	0.1538
66	15	30	353000	1765	CP-OFDM 64 QAM	1@1	21.56	19.86	0.0968
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	1@1	23.37	21.67	0.1469
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	1@0	23.54	21.84	0.1528
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	1@186	23.52	21.82	0.1521
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	2@0	21.80	20.10	0.1023
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	90@45	22.52	20.82	0.1208
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	2@186	21.81	20.11	0.1026
66	15	35	345500	1727.5	DFT-s-OFDM PI/2 BPSK	180@0	21.99	20.29	0.1069
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@1	22.39	20.69	0.1172
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@0	23.48	21.78	0.1507
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	1@186	23.64	21.94	0.1563
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	2@0	21.33	19.63	0.0918
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	90@45	23.75	22.05	0.1603
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	2@186	21.28	19.58	0.0908
66	15	35	345500	1727.5	DFT-s-OFDM QPSK	180@0	21.44	19.74	0.0942
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	1@1	21.55	19.85	0.0966
66	15	35	345500	1727.5	DFT-s-OFDM 64 QAM	1@1	20.03	18.33	0.0681
66	15	35	345500	1727.5	DFT-s-OFDM 256 QAM	1@1	20.62	18.92	0.0780
66	15	35	345500	1727.5	DFT-s-OFDM 16 QAM	180@0	23.41	21.71	0.1483
66	15	35	345500	1727.5	DFT-s-OFDM 64 QAM	180@0	20.05	18.35	0.0684
66	15	35	345500	1727.5	DFT-s-OFDM 256 QAM	180@0	17.90	16.20	0.0417
66	15	35	345500	1727.5	CP-OFDM QPSK	1@1	21.07	19.37	0.0865
66	15	35	345500	1727.5	CP-OFDM 16 QAM	1@1	23.50	21.80	0.1514
66	15	35	345500	1727.5	CP-OFDM 64 QAM	1@1	18.58	16.88	0.0488
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.51	21.81	0.1517
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.16	21.46	0.1400
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	1@186	23.58	21.88	0.1542
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.52	21.82	0.1521
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	90@45	23.54	21.84	0.1528
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	2@186	23.48	21.78	0.1507
66	15	35	349000	1745	DFT-s-OFDM PI/2 BPSK	180@0	23.62	21.92	0.1556
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@1	23.27	21.57	0.1435
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@0	23.23	21.53	0.1422
66	15	35	349000	1745	DFT-s-OFDM QPSK	1@186	23.50	21.80	0.1514
66	15	35	349000	1745	DFT-s-OFDM QPSK	2@0	23.46	21.76	0.1500



66	15	35	349000	1745	DFT-s-OFDM QPSK	90@45	23.65	21.95	0.1567
66	15	35	349000	1745	DFT-s-OFDM QPSK	2@186	23.40	21.70	0.1479
66	15	35	349000	1745	DFT-s-OFDM QPSK	180@0	23.56	21.86	0.1535
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.77	22.07	0.1611
66	15	35	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.71	21.01	0.1262
66	15	35	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.65	18.95	0.0785
66	15	35	349000	1745	DFT-s-OFDM 16 QAM	180@0	23.44	21.74	0.1493
66	15	35	349000	1745	DFT-s-OFDM 64 QAM	180@0	22.93	21.23	0.1327
66	15	35	349000	1745	DFT-s-OFDM 256 QAM	180@0	20.91	19.21	0.0834
66	15	35	349000	1745	CP-OFDM QPSK	1@1	23.53	21.83	0.1524
66	15	35	349000	1745	CP-OFDM 16 QAM	1@1	23.06	21.36	0.1368
66	15	35	349000	1745	CP-OFDM 64 QAM	1@1	21.67	19.97	0.0993
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	1@1	23.40	21.70	0.1479
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	1@0	23.28	21.58	0.1439
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	1@186	23.56	21.86	0.1535
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	2@0	23.37	21.67	0.1469
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	90@45	23.48	21.78	0.1507
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	2@186	23.58	21.88	0.1542
66	15	35	352500	1762.5	DFT-s-OFDM PI/2 BPSK	180@0	23.53	21.83	0.1524
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@1	23.42	21.72	0.1486
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@0	23.50	21.80	0.1514
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	1@186	22.49	20.79	0.1199
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	2@0	23.54	21.84	0.1528
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	90@45	23.77	22.07	0.1611
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	2@186	21.59	19.89	0.0975
66	15	35	352500	1762.5	DFT-s-OFDM QPSK	180@0	23.74	22.04	0.1600
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	1@1	23.85	22.15	0.1641
66	15	35	352500	1762.5	DFT-s-OFDM 64 QAM	1@1	20.03	18.33	0.0681
66	15	35	352500	1762.5	DFT-s-OFDM 256 QAM	1@1	20.57	18.87	0.0771
66	15	35	352500	1762.5	DFT-s-OFDM 16 QAM	180@0	20.50	18.80	0.0759
66	15	35	352500	1762.5	DFT-s-OFDM 64 QAM	180@0	22.91	21.21	0.1321
66	15	35	352500	1762.5	DFT-s-OFDM 256 QAM	180@0	20.85	19.15	0.0822
66	15	35	352500	1762.5	CP-OFDM QPSK	1@1	20.91	19.21	0.0834
66	15	35	352500	1762.5	CP-OFDM 16 QAM	1@1	20.58	18.88	0.0773
66	15	35	352500	1762.5	CP-OFDM 64 QAM	1@1	18.56	16.86	0.0485
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@1	23.28	21.58	0.1439
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@0	23.06	21.36	0.1368
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	1@214	23.46	21.76	0.1500
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	2@0	23.44	21.74	0.1493



					BPSK				
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	108@54	23.50	21.80	0.1514
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	2@214	23.34	21.64	0.1459
66	15	40	346000	1730	DFT-s-OFDM PI/2 BPSK	216@0	23.47	21.77	0.1503
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@1	23.51	21.81	0.1517
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@0	23.34	21.64	0.1459
66	15	40	346000	1730	DFT-s-OFDM QPSK	1@214	23.41	21.71	0.1483
66	15	40	346000	1730	DFT-s-OFDM QPSK	2@0	23.31	21.61	0.1449
66	15	40	346000	1730	DFT-s-OFDM QPSK	108@54	23.54	21.84	0.1528
66	15	40	346000	1730	DFT-s-OFDM QPSK	2@214	23.40	21.70	0.1479
66	15	40	346000	1730	DFT-s-OFDM QPSK	216@0	23.60	21.90	0.1549
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	1@1	23.64	21.94	0.1563
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	1@1	23.00	21.30	0.1349
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	1@1	20.71	19.01	0.0796
66	15	40	346000	1730	DFT-s-OFDM 16 QAM	216@0	23.48	21.78	0.1507
66	15	40	346000	1730	DFT-s-OFDM 64 QAM	216@0	22.96	21.26	0.1337
66	15	40	346000	1730	DFT-s-OFDM 256 QAM	216@0	20.79	19.09	0.0811
66	15	40	346000	1730	CP-OFDM QPSK	1@1	23.83	22.13	0.1633
66	15	40	346000	1730	CP-OFDM 16 QAM	1@1	23.61	21.91	0.1552
66	15	40	346000	1730	CP-OFDM 64 QAM	1@1	21.71	20.01	0.1002
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.52	21.82	0.1521
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.41	21.71	0.1483
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	1@214	23.56	21.86	0.1535
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.42	21.72	0.1486
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	108@54	23.56	21.86	0.1535
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	2@214	23.45	21.75	0.1496
66	15	40	349000	1745	DFT-s-OFDM PI/2 BPSK	216@0	23.62	21.92	0.1556
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@1	23.56	21.86	0.1535
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@0	23.08	21.38	0.1374
66	15	40	349000	1745	DFT-s-OFDM QPSK	1@214	23.50	21.80	0.1514
66	15	40	349000	1745	DFT-s-OFDM QPSK	2@0	23.36	21.66	0.1466
66	15	40	349000	1745	DFT-s-OFDM QPSK	108@54	23.53	21.83	0.1524
66	15	40	349000	1745	DFT-s-OFDM QPSK	2@214	23.39	21.69	0.1476
66	15	40	349000	1745	DFT-s-OFDM QPSK	216@0	23.43	21.73	0.1489
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.57	21.87	0.1538
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	1@1	22.77	21.07	0.1279
66	15	40	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.82	19.12	0.0817
66	15	40	349000	1745	DFT-s-OFDM 16 QAM	216@0	23.40	21.70	0.1479
66	15	40	349000	1745	DFT-s-OFDM 64 QAM	216@0	22.87	21.17	0.1309



66	15	40	349000	1745	DFT-s-OFDM 256 QAM	216@0	20.94	19.24	0.0839
66	15	40	349000	1745	CP-OFDM QPSK	1@1	23.67	21.97	0.1574
66	15	40	349000	1745	CP-OFDM 16 QAM	1@1	23.21	21.51	0.1416
66	15	40	349000	1745	CP-OFDM 64 QAM	1@1	21.67	19.97	0.0993
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@1	23.52	21.82	0.1521
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@0	23.29	21.59	0.1442
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	1@214	23.48	21.78	0.1507
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	2@0	23.41	21.71	0.1483
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	108@54	23.61	21.91	0.1552
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	2@214	23.55	21.85	0.1531
66	15	40	352000	1760	DFT-s-OFDM PI/2 BPSK	216@0	23.46	21.76	0.1500
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@1	23.59	21.89	0.1545
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@0	23.23	21.53	0.1422
66	15	40	352000	1760	DFT-s-OFDM QPSK	1@214	23.49	21.79	0.1510
66	15	40	352000	1760	DFT-s-OFDM QPSK	2@0	23.25	21.55	0.1429
66	15	40	352000	1760	DFT-s-OFDM QPSK	108@54	23.57	21.87	0.1538
66	15	40	352000	1760	DFT-s-OFDM QPSK	2@214	23.61	21.91	0.1552
66	15	40	352000	1760	DFT-s-OFDM QPSK	216@0	23.51	21.81	0.1517
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	1@1	23.69	21.99	0.1581
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	1@1	22.95	21.25	0.1334
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	1@1	20.66	18.96	0.0787
66	15	40	352000	1760	DFT-s-OFDM 16 QAM	216@0	23.47	21.77	0.1503
66	15	40	352000	1760	DFT-s-OFDM 64 QAM	216@0	22.92	21.22	0.1324
66	15	40	352000	1760	DFT-s-OFDM 256 QAM	216@0	20.80	19.10	0.0813
66	15	40	352000	1760	CP-OFDM QPSK	1@1	23.55	21.85	0.1531
66	15	40	352000	1760	CP-OFDM 16 QAM	1@1	23.56	21.86	0.1535
66	15	40	352000	1760	CP-OFDM 64 QAM	1@1	21.49	19.79	0.0953
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1@1	23.59	21.89	0.1545
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1@0	23.41	21.71	0.1483
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	1@240	23.49	21.79	0.1510
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	2@0	23.34	21.64	0.1459
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	120@60	23.46	21.76	0.1500
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	2@240	23.41	21.71	0.1483
66	15	45	346500	1732.5	DFT-s-OFDM PI/2 BPSK	240@0	23.67	21.97	0.1574
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@1	23.61	21.91	0.1552
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@0	23.35	21.65	0.1462
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	1@240	23.48	21.78	0.1507



66	15	45	346500	1732.5	DFT-s-OFDM QPSK	2@0	23.57	21.87	0.1538
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	120@60	23.43	21.73	0.1489
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	2@240	23.46	21.76	0.1500
66	15	45	346500	1732.5	DFT-s-OFDM QPSK	240@0	23.51	21.81	0.1517
66	15	45	346500	1732.5	DFT-s-OFDM 16 QAM	1@1	23.79	22.09	0.1618
66	15	45	346500	1732.5	DFT-s-OFDM 64 QAM	1@1	23.15	21.45	0.1396
66	15	45	346500	1732.5	DFT-s-OFDM 256 QAM	1@1	20.79	19.09	0.0811
66	15	45	346500	1732.5	DFT-s-OFDM 16 QAM	240@0	23.53	21.83	0.1524
66	15	45	346500	1732.5	DFT-s-OFDM 64 QAM	240@0	23.01	21.31	0.1352
66	15	45	346500	1732.5	DFT-s-OFDM 256 QAM	240@0	20.89	19.19	0.0830
66	15	45	346500	1732.5	CP-OFDM QPSK	1@1	23.70	22.00	0.1585
66	15	45	346500	1732.5	CP-OFDM 16 QAM	1@1	23.64	21.94	0.1563
66	15	45	346500	1732.5	CP-OFDM 64 QAM	1@1	21.71	20.01	0.1002
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	1@1	23.76	22.06	0.1607
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	1@0	23.41	21.71	0.1483
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	1@240	23.70	22.00	0.1585
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	2@0	23.57	21.87	0.1538
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	120@60	23.61	21.91	0.1552
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	2@240	23.67	21.97	0.1574
66	15	45	349000	1745	DFT-s-OFDM PI/2 BPSK	240@0	23.41	21.71	0.1483
66	15	45	349000	1745	DFT-s-OFDM QPSK	1@1	23.61	21.91	0.1552
66	15	45	349000	1745	DFT-s-OFDM QPSK	1@0	23.55	21.85	0.1531
66	15	45	349000	1745	DFT-s-OFDM QPSK	1@240	23.70	22.00	0.1585
66	15	45	349000	1745	DFT-s-OFDM QPSK	2@0	23.51	21.81	0.1517
66	15	45	349000	1745	DFT-s-OFDM QPSK	120@60	23.64	21.94	0.1563
66	15	45	349000	1745	DFT-s-OFDM QPSK	2@240	23.55	21.85	0.1531
66	15	45	349000	1745	DFT-s-OFDM QPSK	240@0	23.66	21.96	0.1570
66	15	45	349000	1745	DFT-s-OFDM 16 QAM	1@1	23.64	21.94	0.1563
66	15	45	349000	1745	DFT-s-OFDM 64 QAM	1@1	23.12	21.42	0.1387
66	15	45	349000	1745	DFT-s-OFDM 256 QAM	1@1	20.80	19.10	0.0813
66	15	45	349000	1745	DFT-s-OFDM 16 QAM	240@0	23.41	21.71	0.1483
66	15	45	349000	1745	DFT-s-OFDM 64 QAM	240@0	23.10	21.40	0.1380
66	15	45	349000	1745	DFT-s-OFDM 256 QAM	240@0	21.08	19.38	0.0867
66	15	45	349000	1745	CP-OFDM QPSK	1@1	23.56	21.86	0.1535
66	15	45	349000	1745	CP-OFDM 16 QAM	1@1	23.80	22.10	0.1622
66	15	45	349000	1745	CP-OFDM 64 QAM	1@1	21.84	20.14	0.1033
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	1@1	23.72	22.02	0.1592
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	1@0	23.48	21.78	0.1507
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	1@240	23.82	22.12	0.1629



66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	2@0	23.57	21.87	0.1538
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	120@60	23.59	21.89	0.1545
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	2@240	23.70	22.00	0.1585
66	15	45	351500	1757.5	DFT-s-OFDM PI/2 BPSK	240@0	23.65	21.95	0.1567
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@1	23.75	22.05	0.1603
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@0	23.45	21.75	0.1496
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	1@240	23.77	22.07	0.1611
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	2@0	23.63	21.93	0.1560
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	120@60	23.61	21.91	0.1552
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	2@240	23.70	22.00	0.1585
66	15	45	351500	1757.5	DFT-s-OFDM QPSK	240@0	23.56	21.86	0.1535
66	15	45	351500	1757.5	DFT-s-OFDM 16 QAM	1@1	23.54	21.84	0.1528
66	15	45	351500	1757.5	DFT-s-OFDM 64 QAM	1@1	22.97	21.27	0.1340
66	15	45	351500	1757.5	DFT-s-OFDM 256 QAM	1@1	20.95	19.25	0.0841
66	15	45	351500	1757.5	DFT-s-OFDM 16 QAM	240@0	20.50	18.80	0.0759
66	15	45	351500	1757.5	DFT-s-OFDM 64 QAM	240@0	23.06	21.36	0.1368
66	15	45	351500	1757.5	DFT-s-OFDM 256 QAM	240@0	21.01	19.31	0.0853
66	15	45	351500	1757.5	CP-OFDM QPSK	1@1	21.27	19.57	0.0906
66	15	45	351500	1757.5	CP-OFDM 16 QAM	1@1	20.69	18.99	0.0793
66	15	45	351500	1757.5	CP-OFDM 64 QAM	1@1	18.77	17.07	0.0509

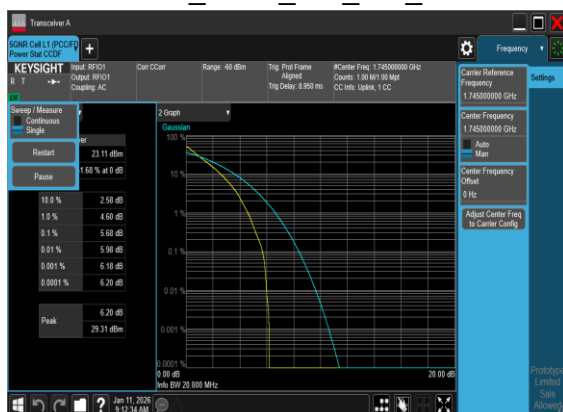
**FR1 N66_ANT2****Frequency Stability**

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0024	PASS	NV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0007	PASS	LV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0020	PASS	HV
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0000	PASS	-30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0029	PASS	-20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0016	PASS	-10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0036	PASS	0°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0021	PASS	10°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0025	PASS	20°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0026	PASS	30°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	40°C
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	0.0004	PASS	50°C

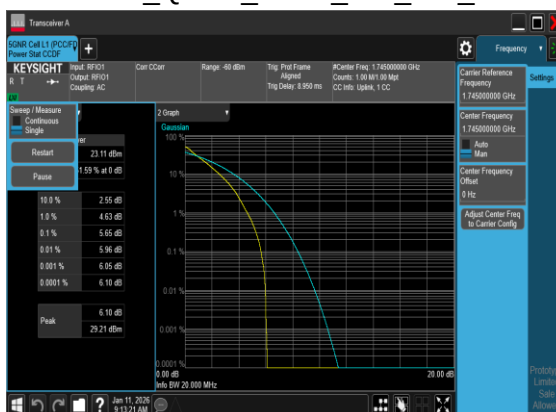
Peak to Average Ratio

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Result (dB)	Limit (dB)	Verdict
66	15	20	349000	1745.0	DFT-s-OFDM PI/2 BPSK	100@0	5.68	13	PASS
66	15	20	349000	1745.0	DFT-s-OFDM QPSK	100@0	5.65	13	PASS

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



N66(20M)_DFT-s-OFDM_QPSK_Outer_Full_Mid_CH





Occupied Bandwidth

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
66	15	5	349000	1745.0	CP-OFDM QPSK	25@0	4.47	5.115
66	15	5	349000	1745.0	CP-OFDM 16 QAM	25@0	4.49	5.178
66	15	5	349000	1745.0	CP-OFDM 64 QAM	25@0	4.46	5.009
66	15	5	349000	1745.0	CP-OFDM 256 QAM	25@0	4.48	4.955
66	15	10	349000	1745.0	CP-OFDM QPSK	52@0	9.27	10.02
66	15	10	349000	1745.0	CP-OFDM 16 QAM	52@0	9.27	9.832
66	15	10	349000	1745.0	CP-OFDM 64 QAM	52@0	9.28	9.894
66	15	10	349000	1745.0	CP-OFDM 256 QAM	52@0	9.27	9.925
66	15	15	349000	1745.0	CP-OFDM QPSK	79@0	14.09	14.87
66	15	15	349000	1745.0	CP-OFDM 16 QAM	79@0	14.08	20.41
66	15	15	349000	1745.0	CP-OFDM 64 QAM	79@0	14.13	14.92
66	15	15	349000	1745.0	CP-OFDM 256 QAM	79@0	14.08	14.9
66	15	20	349000	1745.0	CP-OFDM QPSK	106@0	18.92	19.84
66	15	20	349000	1745.0	CP-OFDM 16 QAM	106@0	18.88	19.76
66	15	20	349000	1745.0	CP-OFDM 64 QAM	106@0	18.93	19.83
66	15	20	349000	1745.0	CP-OFDM 256 QAM	106@0	18.93	19.87
66	15	25	349000	1745.0	CP-OFDM QPSK	133@0	23.76	24.93
66	15	25	349000	1745.0	CP-OFDM 16 QAM	133@0	23.74	24.88
66	15	25	349000	1745.0	CP-OFDM 64 QAM	133@0	23.7	24.92
66	15	25	349000	1745.0	CP-OFDM 256 QAM	133@0	23.78	24.69
66	15	30	349000	1745.0	CP-OFDM QPSK	160@0	28.54	29.56
66	15	30	349000	1745.0	CP-OFDM 16 QAM	160@0	28.55	29.56
66	15	30	349000	1745.0	CP-OFDM 64 QAM	160@0	28.46	29.6
66	15	30	349000	1745.0	CP-OFDM 256 QAM	160@0	28.53	29.72
66	15	35	349000	1745.0	CP-OFDM QPSK	188@0	33.49	34.7
66	15	35	349000	1745.0	CP-OFDM 16 QAM	188@0	33.53	34.79
66	15	35	349000	1745.0	CP-OFDM 64 QAM	188@0	33.51	34.62
66	15	35	349000	1745.0	CP-OFDM 256 QAM	188@0	33.52	34.89
66	15	40	349000	1745.0	CP-OFDM QPSK	216@0	38.47	39.87
66	15	40	349000	1745.0	CP-OFDM 16 QAM	216@0	38.49	39.87
66	15	40	349000	1745.0	CP-OFDM 64 QAM	216@0	38.57	39.97
66	15	40	349000	1745.0	CP-OFDM 256 QAM	216@0	38.54	39.99
66	15	45	349000	1745.0	CP-OFDM QPSK	242@0	43.18	44.55
66	15	45	349000	1745.0	CP-OFDM 16 QAM	242@0	43.14	44.64
66	15	45	349000	1745.0	CP-OFDM 64 QAM	242@0	43.22	44.56



					QAM		
66	15	45	349000	1745.0	CP-OFDM 256 QAM	242@0	43.17
							44.73