

Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	OBW (MHz)	EBW (MHz)	Verdict
N41	30	10	DFT-PI2BPSK	L	Outer_Full	8.571	9.440	PASS
N41	30	10	DFT-QPSK	L	Outer_Full	8.591	9.380	PASS
N41	30	10	DFT-16QAM	L	Outer_Full	8.591	9.380	PASS
N41	30	10	DFT-64QAM	L	Outer_Full	8.571	9.460	PASS
N41	30	10	CP-QPSK	L	Outer_Full	8.571	9.740	PASS
N41	30	10	CP-16QAM	L	Outer_Full	8.571	9.460	PASS
N41	30	10	CP-64QAM	L	Outer_Full	8.571	9.320	PASS
N41	30	10	CP-256QAM	L	Outer_Full	8.551	9.600	PASS
N41	30	10	DFT-PI2BPSK	M	Outer_Full	8.551	9.440	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	8.571	9.460	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	8.571	9.340	PASS
N41	30	10	DFT-64QAM	M	Outer_Full	8.551	9.380	PASS
N41	30	10	CP-QPSK	M	Outer_Full	8.571	9.680	PASS
N41	30	10	CP-16QAM	M	Outer_Full	8.591	9.460	PASS
N41	30	10	CP-64QAM	M	Outer_Full	8.591	9.440	PASS
N41	30	10	CP-256QAM	M	Outer_Full	8.571	9.840	PASS
N41	30	10	DFT-PI2BPSK	H	Outer_Full	8.571	9.280	PASS
N41	30	10	DFT-QPSK	H	Outer_Full	8.551	9.400	PASS
N41	30	10	DFT-16QAM	H	Outer_Full	8.571	9.420	PASS
N41	30	10	DFT-64QAM	H	Outer_Full	8.551	9.340	PASS
N41	30	10	CP-QPSK	H	Outer_Full	8.571	9.600	PASS
N41	30	10	CP-16QAM	H	Outer_Full	8.591	9.540	PASS
N41	30	10	CP-64QAM	H	Outer_Full	8.571	9.500	PASS
N41	30	10	CP-256QAM	H	Outer_Full	8.591	9.800	PASS
N41	30	15	DFT-PI2BPSK	L	Outer_Full	12.917	14.250	PASS
N41	30	15	DFT-QPSK	L	Outer_Full	12.857	14.100	PASS
N41	30	15	DFT-16QAM	L	Outer_Full	12.887	14.070	PASS
N41	30	15	DFT-64QAM	L	Outer_Full	12.857	14.160	PASS
N41	30	15	CP-QPSK	L	Outer_Full	13.546	14.850	PASS
N41	30	15	CP-16QAM	L	Outer_Full	13.606	14.970	PASS
N41	30	15	CP-64QAM	L	Outer_Full	13.576	14.730	PASS
N41	30	15	CP-256QAM	L	Outer_Full	13.576	14.910	PASS
N41	30	15	DFT-PI2BPSK	M	Outer_Full	12.917	14.160	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	12.887	14.160	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	12.887	14.130	PASS
N41	30	15	DFT-64QAM	M	Outer_Full	12.857	14.190	PASS

N41	30	15	CP-QPSK	M	Outer_Full	13.576	14.850	PASS
N41	30	15	CP-16QAM	M	Outer_Full	13.606	14.910	PASS
N41	30	15	CP-64QAM	M	Outer_Full	13.606	14.790	PASS
N41	30	15	CP-256QAM	M	Outer_Full	13.606	14.790	PASS
N41	30	15	DFT-PI2BPSK	H	Outer_Full	12.917	14.190	PASS
N41	30	15	DFT-QPSK	H	Outer_Full	12.917	14.130	PASS
N41	30	15	DFT-16QAM	H	Outer_Full	12.857	14.100	PASS
N41	30	15	DFT-64QAM	H	Outer_Full	12.887	14.220	PASS
N41	30	15	CP-QPSK	H	Outer_Full	13.576	14.850	PASS
N41	30	15	CP-16QAM	H	Outer_Full	13.576	15.240	PASS
N41	30	15	CP-64QAM	H	Outer_Full	13.606	14.880	PASS
N41	30	15	CP-256QAM	H	Outer_Full	13.606	14.790	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.822	19.160	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	17.902	19.280	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.782	19.160	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	17.822	19.080	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.182	19.680	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.182	19.440	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.182	19.520	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.142	19.880	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.822	19.000	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.862	19.320	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.822	19.280	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.822	19.080	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.222	19.640	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.222	19.400	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.142	19.960	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.182	19.520	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	17.862	19.160	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	17.862	19.320	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	17.782	19.400	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	17.782	19.080	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.182	19.680	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.182	19.480	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.142	20.040	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.182	19.640	PASS
N41	30	30	DFT-PI2BPSK	L	Outer_Full	26.733	28.560	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	26.733	29.220	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	26.793	28.620	PASS
N41	30	30	DFT-64QAM	L	Outer_Full	26.853	28.740	PASS
N41	30	30	CP-QPSK	L	Outer_Full	27.752	29.640	PASS
N41	30	30	CP-16QAM	L	Outer_Full	27.812	29.760	PASS

N41	30	30	CP-64QAM	L	Outer_Full	27.872	29.760	PASS
N41	30	30	CP-256QAM	L	Outer_Full	27.812	29.580	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.853	28.680	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.793	29.400	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.793	28.500	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.793	28.680	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.872	29.580	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.812	29.700	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.812	29.640	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.872	29.580	PASS
N41	30	30	DFT-PI2BPSK	H	Outer_Full	26.733	28.740	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	26.793	29.220	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	26.793	28.440	PASS
N41	30	30	DFT-64QAM	H	Outer_Full	26.793	28.500	PASS
N41	30	30	CP-QPSK	H	Outer_Full	27.812	29.640	PASS
N41	30	30	CP-16QAM	H	Outer_Full	27.812	29.700	PASS
N41	30	30	CP-64QAM	H	Outer_Full	27.812	29.700	PASS
N41	30	30	CP-256QAM	H	Outer_Full	27.812	29.640	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	35.724	38.080	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	35.644	38.000	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	35.724	38.000	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	35.724	38.640	PASS
N41	30	40	CP-QPSK	L	Outer_Full	37.882	40.640	PASS
N41	30	40	CP-16QAM	L	Outer_Full	37.802	40.720	PASS
N41	30	40	CP-64QAM	L	Outer_Full	37.882	39.920	PASS
N41	30	40	CP-256QAM	L	Outer_Full	37.802	40.480	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.804	37.840	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.724	37.920	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.804	38.400	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.644	38.240	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.882	40.480	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.802	40.000	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.802	40.080	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.882	40.080	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.724	37.600	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	35.724	37.920	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	35.884	38.640	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	35.644	37.920	PASS
N41	30	40	CP-QPSK	H	Outer_Full	37.882	40.400	PASS
N41	30	40	CP-16QAM	H	Outer_Full	37.722	40.000	PASS
N41	30	40	CP-64QAM	H	Outer_Full	37.722	40.000	PASS
N41	30	40	CP-256QAM	H	Outer_Full	37.722	40.080	PASS

N41	30	50	DFT-PI2BPSK	L	Outer_Full	45.554	49.100	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	45.554	48.400	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	45.654	48.700	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	45.554	48.300	PASS
N41	30	50	CP-QPSK	L	Outer_Full	47.353	50.200	PASS
N41	30	50	CP-16QAM	L	Outer_Full	47.353	50.200	PASS
N41	30	50	CP-64QAM	L	Outer_Full	47.353	50.900	PASS
N41	30	50	CP-256QAM	L	Outer_Full	47.353	50.100	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.654	48.600	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.754	49.100	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.654	49.700	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.654	48.600	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.453	50.200	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.453	50.100	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.453	50.000	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.453	50.200	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	45.654	48.300	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	45.654	49.100	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	45.554	49.200	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	45.654	48.400	PASS
N41	30	50	CP-QPSK	H	Outer_Full	47.353	50.000	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.353	50.200	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.353	49.800	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.353	50.100	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	57.423	60.240	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	57.662	60.480	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	57.662	60.240	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	57.782	61.080	PASS
N41	30	60	CP-QPSK	L	Outer_Full	57.662	60.480	PASS
N41	30	60	CP-16QAM	L	Outer_Full	57.542	60.480	PASS
N41	30	60	CP-64QAM	L	Outer_Full	57.662	60.240	PASS
N41	30	60	CP-256QAM	L	Outer_Full	57.662	60.000	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.662	60.600	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.662	60.360	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.782	60.240	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.782	61.680	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.662	60.480	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.782	60.480	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.662	60.120	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.782	60.120	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	57.542	60.960	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	57.662	60.360	PASS

N41	30	60	DFT-16QAM	H	Outer_Full	57.662	60.120	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	57.782	60.240	PASS
N41	30	60	CP-QPSK	H	Outer_Full	57.662	60.240	PASS
N41	30	60	CP-16QAM	H	Outer_Full	57.782	60.600	PASS
N41	30	60	CP-64QAM	H	Outer_Full	57.782	60.120	PASS
N41	30	60	CP-256QAM	H	Outer_Full	57.662	60.120	PASS
N41	30	70	DFT-PI2BPSK	L	Outer_Full	64.196	67.200	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	64.056	67.060	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	64.196	67.760	PASS
N41	30	70	DFT-64QAM	L	Outer_Full	64.196	67.200	PASS
N41	30	70	CP-QPSK	L	Outer_Full	67.273	70.140	PASS
N41	30	70	CP-16QAM	L	Outer_Full	67.273	70.280	PASS
N41	30	70	CP-64QAM	L	Outer_Full	67.273	70.700	PASS
N41	30	70	CP-256QAM	L	Outer_Full	67.273	70.700	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.196	67.200	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.196	67.620	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.196	67.620	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.196	67.480	PASS
N41	30	70	CP-QPSK	M	Outer_Full	67.413	70.280	PASS
N41	30	70	CP-16QAM	M	Outer_Full	67.413	70.420	PASS
N41	30	70	CP-64QAM	M	Outer_Full	67.413	70.560	PASS
N41	30	70	CP-256QAM	M	Outer_Full	67.273	70.840	PASS
N41	30	70	DFT-PI2BPSK	H	Outer_Full	64.056	67.060	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	64.196	68.040	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	64.196	67.480	PASS
N41	30	70	DFT-64QAM	H	Outer_Full	64.196	67.480	PASS
N41	30	70	CP-QPSK	H	Outer_Full	67.273	70.560	PASS
N41	30	70	CP-16QAM	H	Outer_Full	67.273	70.280	PASS
N41	30	70	CP-64QAM	H	Outer_Full	67.413	70.420	PASS
N41	30	70	CP-256QAM	H	Outer_Full	67.273	70.840	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	76.883	81.280	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	77.043	82.560	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	76.883	80.800	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	76.883	80.480	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.203	81.280	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.363	80.800	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.363	80.960	PASS
N41	30	80	CP-256QAM	L	Outer_Full	76.883	79.680	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.043	81.920	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.203	82.240	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.043	81.920	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	76.883	81.280	PASS

N41	30	80	CP-QPSK	M	Outer_Full	77.203	81.120	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.522	81.120	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.682	81.120	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.522	81.600	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	76.883	81.120	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.043	82.240	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	76.883	81.280	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	77.043	81.280	PASS
N41	30	80	CP-QPSK	H	Outer_Full	77.203	82.240	PASS
N41	30	80	CP-16QAM	H	Outer_Full	77.203	80.960	PASS
N41	30	80	CP-64QAM	H	Outer_Full	77.682	81.280	PASS
N41	30	80	CP-256QAM	H	Outer_Full	77.363	80.800	PASS
N41	30	90	DFT-PI2BPSK	L	Outer_Full	85.594	89.820	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	85.594	90.360	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	85.594	89.640	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	85.774	89.820	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.393	91.980	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.393	91.080	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.393	91.980	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.572	90.900	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.594	89.460	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.774	89.820	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.594	89.640	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.774	90.180	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.572	91.080	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.393	90.900	PASS
N41	30	90	CP-64QAM	M	Outer_Full	87.393	91.260	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.393	91.440	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	85.594	89.460	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	85.594	90.180	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	85.594	89.640	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	85.594	89.820	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.213	90.900	PASS
N41	30	90	CP-16QAM	H	Outer_Full	87.213	90.720	PASS
N41	30	90	CP-64QAM	H	Outer_Full	87.213	91.260	PASS
N41	30	90	CP-256QAM	H	Outer_Full	87.213	91.440	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	96.104	100.400	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	95.904	100.200	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	96.104	99.800	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	96.304	100.200	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.303	101.000	PASS
N41	30	100	CP-16QAM	L	Outer_Full	97.103	101.000	PASS

N41	30	100	CP-64QAM	L	Outer_Full	97.103	101.200	PASS
N41	30	100	CP-256QAM	L	Outer_Full	96.903	101.200	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.304	100.600	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.304	100.400	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.104	100.400	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.304	100.200	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.303	101.200	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.303	101.400	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.303	101.000	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.303	99.800	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	96.304	100.400	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	96.104	100.600	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	96.104	100.200	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	96.104	100.200	PASS
N41	30	100	CP-QPSK	H	Outer_Full	97.303	101.000	PASS
N41	30	100	CP-16QAM	H	Outer_Full	97.103	101.200	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.303	101.000	PASS
N41	30	100	CP-256QAM	H	Outer_Full	97.103	101.200	PASS

Test Graphs











































































