

Appendix for DC_66A_n41A (2496-2690)

Catalogue

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1. Effective Isotropic Radiated Power

1.1. Test Results @ Ant4 (Antenna Gain=-2.10dBi)

SCS	Bandwidth	Channel	Modulation	Conducted Result (dBm)			Max EIRP (dBm)	Limit (dBm)	Verdict
				Inner_1RB_Left	Inner_1RB_Right	Inner_Full			
30KHz	10MHz	LCH	DFT-Pi2BPSK	23.07	23.07	23.09	20.99	33.00	Pass
30KHz	10MHz	LCH	DFT-QPSK	22.91	22.93	23.46	21.36	33.00	Pass
30KHz	10MHz	LCH	DFT-16QAM	21.78	21.84	22.20	20.10	33.00	Pass
30KHz	10MHz	LCH	DFT-64QAM	20.55	20.55	20.75	18.65	33.00	Pass
30KHz	10MHz	LCH	DFT-256QAM	18.54	18.59	18.79	16.69	33.00	Pass
30KHz	10MHz	LCH	CP-QPSK	21.33	21.41	21.60	19.50	33.00	Pass
30KHz	10MHz	MCH	DFT-Pi2BPSK	23.27	23.37	23.33	21.27	33.00	Pass
30KHz	10MHz	MCH	DFT-QPSK	23.18	23.29	23.36	21.26	33.00	Pass
30KHz	10MHz	MCH	DFT-16QAM	21.96	22.05	22.35	20.25	33.00	Pass
30KHz	10MHz	MCH	DFT-64QAM	20.76	20.84	20.93	18.83	33.00	Pass
30KHz	10MHz	MCH	DFT-256QAM	18.76	18.79	18.95	16.85	33.00	Pass
30KHz	10MHz	MCH	CP-QPSK	21.58	21.68	21.71	19.61	33.00	Pass
30KHz	10MHz	HCH	DFT-Pi2BPSK	23.45	23.47	23.54	21.44	33.00	Pass
30KHz	10MHz	HCH	DFT-QPSK	23.40	23.37	23.55	21.45	33.00	Pass
30KHz	10MHz	HCH	DFT-16QAM	22.29	22.31	22.64	20.54	33.00	Pass
30KHz	10MHz	HCH	DFT-64QAM	21.04	21.11	21.26	19.16	33.00	Pass
30KHz	10MHz	HCH	DFT-256QAM	19.04	19.09	19.31	17.21	33.00	Pass
30KHz	10MHz	HCH	CP-QPSK	21.78	21.79	21.91	19.81	33.00	Pass
30KHz	15MHz	LCH	DFT-Pi2BPSK	23.13	23.14	23.13	21.04	33.00	Pass
30KHz	15MHz	LCH	DFT-QPSK	22.89	22.97	23.12	21.02	33.00	Pass
30KHz	15MHz	LCH	DFT-16QAM	21.72	21.82	22.18	20.08	33.00	Pass
30KHz	15MHz	LCH	DFT-64QAM	20.53	20.59	20.76	18.66	33.00	Pass
30KHz	15MHz	LCH	DFT-256QAM	18.52	18.63	18.66	16.56	33.00	Pass
30KHz	15MHz	LCH	CP-QPSK	21.43	21.44	21.51	19.41	33.00	Pass
30KHz	15MHz	MCH	DFT-Pi2BPSK	23.20	23.38	23.31	21.28	33.00	Pass
30KHz	15MHz	MCH	DFT-QPSK	23.11	23.25	23.31	21.21	33.00	Pass
30KHz	15MHz	MCH	DFT-16QAM	21.93	22.10	22.32	20.22	33.00	Pass
30KHz	15MHz	MCH	DFT-64QAM	20.71	20.90	20.93	18.83	33.00	Pass
30KHz	15MHz	MCH	DFT-256QAM	18.79	18.95	18.89	16.85	33.00	Pass
30KHz	15MHz	MCH	CP-QPSK	21.60	21.69	21.68	19.59	33.00	Pass
30KHz	15MHz	HCH	DFT-Pi2BPSK	23.36	23.46	23.52	21.42	33.00	Pass
30KHz	15MHz	HCH	DFT-QPSK	23.28	23.36	23.51	21.41	33.00	Pass
30KHz	15MHz	HCH	DFT-16QAM	22.08	22.19	22.53	20.43	33.00	Pass
30KHz	15MHz	HCH	DFT-64QAM	20.87	21.03	21.14	19.04	33.00	Pass
30KHz	15MHz	HCH	DFT-256QAM	18.95	19.06	19.11	17.01	33.00	Pass
30KHz	15MHz	HCH	CP-QPSK	21.72	21.83	21.96	19.86	33.00	Pass
30KHz	20MHz	LCH	DFT-Pi2BPSK	23.16	23.09	23.15	21.06	33.00	Pass
30KHz	20MHz	LCH	DFT-QPSK	22.88	22.92	23.16	21.06	33.00	Pass
30KHz	20MHz	LCH	DFT-16QAM	21.72	21.79	22.15	20.05	33.00	Pass
30KHz	20MHz	LCH	DFT-64QAM	20.54	20.57	20.68	18.58	33.00	Pass
30KHz	20MHz	LCH	DFT-256QAM	18.57	18.58	18.72	16.62	33.00	Pass
30KHz	20MHz	LCH	CP-QPSK	21.33	21.44	21.71	19.61	33.00	Pass
30KHz	20MHz	MCH	DFT-Pi2BPSK	23.25	23.44	23.31	21.34	33.00	Pass
30KHz	20MHz	MCH	DFT-QPSK	23.09	23.36	23.36	21.26	33.00	Pass
30KHz	20MHz	MCH	DFT-16QAM	21.93	22.14	22.29	20.19	33.00	Pass
30KHz	20MHz	MCH	DFT-64QAM	20.73	20.89	20.87	18.79	33.00	Pass
30KHz	20MHz	MCH	DFT-256QAM	18.78	18.95	18.86	16.85	33.00	Pass
30KHz	20MHz	MCH	CP-QPSK	21.62	21.83	21.81	19.73	33.00	Pass
30KHz	20MHz	HCH	DFT-Pi2BPSK	23.30	23.50	23.46	21.40	33.00	Pass
30KHz	20MHz	HCH	DFT-QPSK	23.26	23.36	23.52	21.42	33.00	Pass
30KHz	20MHz	HCH	DFT-16QAM	22.09	22.23	22.49	20.39	33.00	Pass
30KHz	20MHz	HCH	DFT-64QAM	20.87	21.10	21.09	19.00	33.00	Pass
30KHz	20MHz	HCH	DFT-256QAM	18.92	19.12	19.20	17.10	33.00	Pass
30KHz	20MHz	HCH	CP-QPSK	21.68	21.86	22.03	19.93	33.00	Pass
30KHz	25MHz	LCH	DFT-Pi2BPSK	23.12	23.01	23.10	21.02	33.00	Pass
30KHz	25MHz	LCH	DFT-QPSK	22.90	22.85	23.12	21.02	33.00	Pass
30KHz	25MHz	LCH	DFT-16QAM	21.66	21.61	22.11	20.01	33.00	Pass
30KHz	25MHz	LCH	DFT-64QAM	20.56	20.49	20.70	18.60	33.00	Pass
30KHz	25MHz	LCH	DFT-256QAM	18.60	18.53	18.68	16.58	33.00	Pass

30KHz	25MHz	LCH	CP-QPSK	21.40	21.35	21.57	19.47	33.00	Pass
30KHz	25MHz	MCH	DFT-Pi2BPSK	23.23	23.48	23.32	21.38	33.00	Pass
30KHz	25MHz	MCH	DFT-QPSK	23.09	23.36	23.32	21.26	33.00	Pass
30KHz	25MHz	MCH	DFT-16QAM	21.87	22.17	22.34	20.24	33.00	Pass
30KHz	25MHz	MCH	DFT-64QAM	20.74	20.97	20.86	18.87	33.00	Pass
30KHz	25MHz	MCH	DFT-256QAM	18.64	18.99	18.87	16.89	33.00	Pass
30KHz	25MHz	MCH	CP-QPSK	21.61	21.84	21.75	19.74	33.00	Pass
30KHz	25MHz	HCH	DFT-Pi2BPSK	23.29	23.47	23.54	21.44	33.00	Pass
30KHz	25MHz	HCH	DFT-QPSK	23.25	23.37	23.52	21.42	33.00	Pass
30KHz	25MHz	HCH	DFT-16QAM	22.11	22.29	22.56	20.46	33.00	Pass
30KHz	25MHz	HCH	DFT-64QAM	20.87	21.08	21.09	18.99	33.00	Pass
30KHz	25MHz	HCH	DFT-256QAM	18.87	19.15	19.15	17.05	33.00	Pass
30KHz	25MHz	HCH	CP-QPSK	21.63	21.81	22.03	19.93	33.00	Pass
30KHz	30MHz	LCH	DFT-Pi2BPSK	23.21	23.01	23.19	21.11	33.00	Pass
30KHz	30MHz	LCH	DFT-QPSK	22.95	22.92	23.17	21.07	33.00	Pass
30KHz	30MHz	LCH	DFT-16QAM	21.90	21.71	22.22	20.12	33.00	Pass
30KHz	30MHz	LCH	DFT-64QAM	20.59	20.52	20.68	18.58	33.00	Pass
30KHz	30MHz	LCH	DFT-256QAM	18.56	18.55	18.71	16.61	33.00	Pass
30KHz	30MHz	LCH	CP-QPSK	21.47	21.35	21.70	19.60	33.00	Pass
30KHz	30MHz	MCH	DFT-Pi2BPSK	23.33	23.53	23.33	21.43	33.00	Pass
30KHz	30MHz	MCH	DFT-QPSK	23.15	23.45	23.35	21.35	33.00	Pass
30KHz	30MHz	MCH	DFT-16QAM	21.96	22.28	22.42	20.32	33.00	Pass
30KHz	30MHz	MCH	DFT-64QAM	20.78	21.04	20.88	18.94	33.00	Pass
30KHz	30MHz	MCH	DFT-256QAM	18.80	19.00	18.88	16.90	33.00	Pass
30KHz	30MHz	MCH	CP-QPSK	21.58	21.84	21.89	19.79	33.00	Pass
30KHz	30MHz	HCH	DFT-Pi2BPSK	23.25	23.51	23.52	21.42	33.00	Pass
30KHz	30MHz	HCH	DFT-QPSK	23.25	23.43	23.51	21.41	33.00	Pass
30KHz	30MHz	HCH	DFT-16QAM	22.03	22.29	22.55	20.45	33.00	Pass
30KHz	30MHz	HCH	DFT-64QAM	20.78	21.11	21.10	19.01	33.00	Pass
30KHz	30MHz	HCH	DFT-256QAM	18.82	19.12	19.09	17.02	33.00	Pass
30KHz	30MHz	HCH	CP-QPSK	21.68	21.96	22.04	19.94	33.00	Pass
30KHz	35MHz	LCH	DFT-Pi2BPSK	23.19	23.07	23.16	21.09	33.00	Pass
30KHz	35MHz	LCH	DFT-QPSK	22.96	23.00	23.13	21.03	33.00	Pass
30KHz	35MHz	LCH	DFT-16QAM	21.71	21.79	22.16	20.06	33.00	Pass
30KHz	35MHz	LCH	DFT-64QAM	20.61	20.56	20.66	18.56	33.00	Pass
30KHz	35MHz	LCH	DFT-256QAM	18.59	18.61	18.68	16.58	33.00	Pass
30KHz	35MHz	LCH	CP-QPSK	21.55	21.47	21.58	19.48	33.00	Pass
30KHz	35MHz	MCH	DFT-Pi2BPSK	23.27	23.51	23.35	21.41	33.00	Pass
30KHz	35MHz	MCH	DFT-QPSK	23.13	23.43	23.35	21.33	33.00	Pass
30KHz	35MHz	MCH	DFT-16QAM	21.98	22.31	22.37	20.27	33.00	Pass
30KHz	35MHz	MCH	DFT-64QAM	20.77	21.08	20.92	18.98	33.00	Pass
30KHz	35MHz	MCH	DFT-256QAM	18.82	19.08	18.91	16.98	33.00	Pass
30KHz	35MHz	MCH	CP-QPSK	21.65	21.95	21.81	19.85	33.00	Pass
30KHz	35MHz	HCH	DFT-Pi2BPSK	23.31	23.53	23.49	21.43	33.00	Pass
30KHz	35MHz	HCH	DFT-QPSK	23.26	23.44	23.52	21.42	33.00	Pass
30KHz	35MHz	HCH	DFT-16QAM	22.04	22.28	22.49	20.39	33.00	Pass
30KHz	35MHz	HCH	DFT-64QAM	20.89	21.13	21.06	19.03	33.00	Pass
30KHz	35MHz	HCH	DFT-256QAM	18.87	19.19	19.09	17.09	33.00	Pass
30KHz	35MHz	HCH	CP-QPSK	21.72	21.97	22.05	19.95	33.00	Pass
30KHz	40MHz	LCH	DFT-Pi2BPSK	23.15	23.13	23.16	21.06	33.00	Pass
30KHz	40MHz	LCH	DFT-QPSK	22.93	23.04	23.12	21.02	33.00	Pass
30KHz	40MHz	LCH	DFT-16QAM	21.72	21.84	22.11	20.01	33.00	Pass
30KHz	40MHz	LCH	DFT-64QAM	20.59	20.65	20.66	18.56	33.00	Pass
30KHz	40MHz	LCH	DFT-256QAM	18.61	18.69	18.70	16.60	33.00	Pass
30KHz	40MHz	LCH	CP-QPSK	21.47	21.44	21.59	19.49	33.00	Pass
30KHz	40MHz	MCH	DFT-Pi2BPSK	23.26	23.47	23.38	21.37	33.00	Pass
30KHz	40MHz	MCH	DFT-QPSK	23.08	23.41	23.36	21.31	33.00	Pass
30KHz	40MHz	MCH	DFT-16QAM	21.91	22.23	22.34	20.24	33.00	Pass
30KHz	40MHz	MCH	DFT-64QAM	20.77	21.08	20.92	18.98	33.00	Pass
30KHz	40MHz	MCH	DFT-256QAM	18.79	19.12	18.94	17.02	33.00	Pass
30KHz	40MHz	MCH	CP-QPSK	21.58	21.87	21.87	19.77	33.00	Pass
30KHz	40MHz	HCH	DFT-Pi2BPSK	23.35	23.57	23.50	21.47	33.00	Pass
30KHz	40MHz	HCH	DFT-QPSK	23.29	23.47	23.49	21.39	33.00	Pass
30KHz	40MHz	HCH	DFT-16QAM	22.04	22.31	22.52	20.42	33.00	Pass

30KHz	40MHz	HCH	DFT-64QAM	20.85	21.16	21.05	19.06	33.00	Pass
30KHz	40MHz	HCH	DFT-256QAM	18.88	19.15	19.07	17.05	33.00	Pass
30KHz	40MHz	HCH	CP-QPSK	21.71	21.93	21.97	19.87	33.00	Pass
30KHz	45MHz	LCH	DFT-Pi2BPSK	23.15	23.16	23.15	21.06	33.00	Pass
30KHz	45MHz	LCH	DFT-QPSK	22.91	23.04	23.13	21.03	33.00	Pass
30KHz	45MHz	LCH	DFT-16QAM	21.70	21.80	22.18	20.08	33.00	Pass
30KHz	45MHz	LCH	DFT-64QAM	20.58	20.68	20.74	18.64	33.00	Pass
30KHz	45MHz	LCH	DFT-256QAM	18.64	18.71	18.69	16.61	33.00	Pass
30KHz	45MHz	LCH	CP-QPSK	21.49	21.51	21.60	19.50	33.00	Pass
30KHz	45MHz	MCH	DFT-Pi2BPSK	23.24	23.46	23.35	21.36	33.00	Pass
30KHz	45MHz	MCH	DFT-QPSK	23.07	23.40	23.35	21.30	33.00	Pass
30KHz	45MHz	MCH	DFT-16QAM	21.85	22.15	22.34	20.24	33.00	Pass
30KHz	45MHz	MCH	DFT-64QAM	20.73	21.02	20.92	18.92	33.00	Pass
30KHz	45MHz	MCH	DFT-256QAM	18.82	19.12	18.96	17.02	33.00	Pass
30KHz	45MHz	MCH	CP-QPSK	21.56	21.80	21.87	19.77	33.00	Pass
30KHz	45MHz	HCH	DFT-Pi2BPSK	23.37	23.52	23.48	21.42	33.00	Pass
30KHz	45MHz	HCH	DFT-QPSK	23.33	23.48	23.47	21.38	33.00	Pass
30KHz	45MHz	HCH	DFT-16QAM	22.18	22.33	22.49	20.39	33.00	Pass
30KHz	45MHz	HCH	DFT-64QAM	20.94	21.15	21.07	19.05	33.00	Pass
30KHz	45MHz	HCH	DFT-256QAM	18.98	19.22	19.12	17.12	33.00	Pass
30KHz	45MHz	HCH	CP-QPSK	21.72	21.96	22.00	19.90	33.00	Pass
30KHz	50MHz	LCH	DFT-Pi2BPSK	23.14	23.20	23.14	21.10	33.00	Pass
30KHz	50MHz	LCH	DFT-QPSK	22.88	23.07	23.14	21.04	33.00	Pass
30KHz	50MHz	LCH	DFT-16QAM	21.64	21.84	22.08	19.98	33.00	Pass
30KHz	50MHz	LCH	DFT-64QAM	20.55	20.71	20.68	18.61	33.00	Pass
30KHz	50MHz	LCH	DFT-256QAM	18.57	18.65	18.72	16.62	33.00	Pass
30KHz	50MHz	LCH	CP-QPSK	21.49	21.61	21.55	19.51	33.00	Pass
30KHz	50MHz	MCH	DFT-Pi2BPSK	23.19	23.52	23.39	21.42	33.00	Pass
30KHz	50MHz	MCH	DFT-QPSK	23.03	23.48	23.39	21.38	33.00	Pass
30KHz	50MHz	MCH	DFT-16QAM	21.82	22.22	22.35	20.25	33.00	Pass
30KHz	50MHz	MCH	DFT-64QAM	20.68	21.06	20.97	18.96	33.00	Pass
30KHz	50MHz	MCH	DFT-256QAM	18.73	19.09	18.97	16.99	33.00	Pass
30KHz	50MHz	MCH	CP-QPSK	21.57	21.88	21.83	19.78	33.00	Pass
30KHz	50MHz	HCH	DFT-Pi2BPSK	23.34	23.50	23.49	21.40	33.00	Pass
30KHz	50MHz	HCH	DFT-QPSK	23.29	23.40	23.47	21.37	33.00	Pass
30KHz	50MHz	HCH	DFT-16QAM	21.99	22.23	22.45	20.35	33.00	Pass
30KHz	50MHz	HCH	DFT-64QAM	20.86	21.08	21.04	18.98	33.00	Pass
30KHz	50MHz	HCH	DFT-256QAM	18.91	19.19	19.07	17.09	33.00	Pass
30KHz	50MHz	HCH	CP-QPSK	21.62	21.88	21.93	19.83	33.00	Pass
30KHz	60MHz	LCH	DFT-Pi2BPSK	23.09	23.16	23.02	21.06	33.00	Pass
30KHz	60MHz	LCH	DFT-QPSK	22.79	23.00	23.00	20.90	33.00	Pass
30KHz	60MHz	LCH	DFT-16QAM	21.60	21.88	22.08	19.98	33.00	Pass
30KHz	60MHz	LCH	DFT-64QAM	20.47	20.70	20.61	18.60	33.00	Pass
30KHz	60MHz	LCH	DFT-256QAM	18.44	18.71	18.56	16.61	33.00	Pass
30KHz	60MHz	LCH	CP-QPSK	21.40	21.50	21.48	19.40	33.00	Pass
30KHz	60MHz	MCH	DFT-Pi2BPSK	23.10	23.45	23.30	21.35	33.00	Pass
30KHz	60MHz	MCH	DFT-QPSK	22.92	23.37	23.24	21.27	33.00	Pass
30KHz	60MHz	MCH	DFT-16QAM	21.72	22.20	22.32	20.22	33.00	Pass
30KHz	60MHz	MCH	DFT-64QAM	20.62	21.04	20.85	18.94	33.00	Pass
30KHz	60MHz	MCH	DFT-256QAM	18.61	19.08	18.86	16.98	33.00	Pass
30KHz	60MHz	MCH	CP-QPSK	21.42	21.88	21.75	19.78	33.00	Pass
30KHz	60MHz	HCH	DFT-Pi2BPSK	23.18	23.47	23.35	21.37	33.00	Pass
30KHz	60MHz	HCH	DFT-QPSK	23.07	23.37	23.29	21.27	33.00	Pass
30KHz	60MHz	HCH	DFT-16QAM	21.82	22.15	22.38	20.28	33.00	Pass
30KHz	60MHz	HCH	DFT-64QAM	20.62	21.10	20.96	19.00	33.00	Pass
30KHz	60MHz	HCH	DFT-256QAM	18.73	18.97	18.96	16.87	33.00	Pass
30KHz	60MHz	HCH	CP-QPSK	21.45	21.80	21.85	19.75	33.00	Pass
30KHz	70MHz	LCH	DFT-Pi2BPSK	23.18	23.28	23.16	21.18	33.00	Pass
30KHz	70MHz	LCH	DFT-QPSK	22.92	23.08	23.09	20.99	33.00	Pass
30KHz	70MHz	LCH	DFT-16QAM	21.75	21.91	22.13	20.03	33.00	Pass
30KHz	70MHz	LCH	DFT-64QAM	20.60	20.78	20.67	18.68	33.00	Pass
30KHz	70MHz	LCH	DFT-256QAM	18.62	18.77	18.73	16.67	33.00	Pass
30KHz	70MHz	LCH	CP-QPSK	21.42	21.63	21.63	19.53	33.00	Pass
30KHz	70MHz	MCH	DFT-Pi2BPSK	23.22	23.56	23.39	21.46	33.00	Pass

30KHz	70MHz	MCH	DFT-QPSK	23.03	23.48	23.38	21.38	33.00	Pass
30KHz	70MHz	MCH	DFT-16QAM	21.90	22.35	22.41	20.31	33.00	Pass
30KHz	70MHz	MCH	DFT-64QAM	20.63	21.10	20.95	19.00	33.00	Pass
30KHz	70MHz	MCH	DFT-256QAM	18.68	19.17	18.98	17.07	33.00	Pass
30KHz	70MHz	MCH	CP-QPSK	21.52	21.95	21.93	19.85	33.00	Pass
30KHz	70MHz	HCH	DFT-Pi2BPSK	23.20	23.60	23.60	21.50	33.00	Pass
30KHz	70MHz	HCH	DFT-QPSK	23.13	23.51	23.59	21.49	33.00	Pass
30KHz	70MHz	HCH	DFT-16QAM	22.02	22.38	22.61	20.51	33.00	Pass
30KHz	70MHz	HCH	DFT-64QAM	20.88	21.24	21.14	19.14	33.00	Pass
30KHz	70MHz	HCH	DFT-256QAM	18.85	19.24	19.20	17.14	33.00	Pass
30KHz	70MHz	HCH	CP-QPSK	21.64	22.01	22.11	20.01	33.00	Pass
30KHz	80MHz	LCH	DFT-Pi2BPSK	23.26	23.34	23.17	21.24	33.00	Pass
30KHz	80MHz	LCH	DFT-QPSK	22.98	23.20	23.20	21.10	33.00	Pass
30KHz	80MHz	LCH	DFT-16QAM	21.85	22.02	22.21	20.11	33.00	Pass
30KHz	80MHz	LCH	DFT-64QAM	20.64	20.82	20.76	18.72	33.00	Pass
30KHz	80MHz	LCH	DFT-256QAM	18.65	18.87	18.79	16.77	33.00	Pass
30KHz	80MHz	LCH	CP-QPSK	21.61	21.70	21.70	19.60	33.00	Pass
30KHz	80MHz	MCH	DFT-Pi2BPSK	23.16	23.63	23.38	21.53	33.00	Pass
30KHz	80MHz	MCH	DFT-QPSK	22.99	23.56	23.40	21.46	33.00	Pass
30KHz	80MHz	MCH	DFT-16QAM	21.93	22.31	22.44	20.34	33.00	Pass
30KHz	80MHz	MCH	DFT-64QAM	20.63	21.11	20.97	19.01	33.00	Pass
30KHz	80MHz	MCH	DFT-256QAM	18.71	19.21	19.01	17.11	33.00	Pass
30KHz	80MHz	MCH	CP-QPSK	21.56	21.92	21.87	19.82	33.00	Pass
30KHz	80MHz	HCH	DFT-Pi2BPSK	23.23	23.68	23.57	21.58	33.00	Pass
30KHz	80MHz	HCH	DFT-QPSK	23.19	23.55	23.61	21.51	33.00	Pass
30KHz	80MHz	HCH	DFT-16QAM	22.02	22.41	22.61	20.51	33.00	Pass
30KHz	80MHz	HCH	DFT-64QAM	20.81	21.24	21.15	19.14	33.00	Pass
30KHz	80MHz	HCH	DFT-256QAM	18.88	19.29	19.18	17.19	33.00	Pass
30KHz	80MHz	HCH	CP-QPSK	21.63	22.01	22.05	19.95	33.00	Pass
30KHz	90MHz	LCH	DFT-Pi2BPSK	23.27	23.27	23.17	21.17	33.00	Pass
30KHz	90MHz	LCH	DFT-QPSK	22.99	23.16	23.21	21.11	33.00	Pass
30KHz	90MHz	LCH	DFT-16QAM	21.72	21.97	22.26	20.16	33.00	Pass
30KHz	90MHz	LCH	DFT-64QAM	20.65	20.78	20.84	18.74	33.00	Pass
30KHz	90MHz	LCH	DFT-256QAM	18.70	18.83	18.83	16.73	33.00	Pass
30KHz	90MHz	LCH	CP-QPSK	21.52	21.65	21.69	19.59	33.00	Pass
30KHz	90MHz	MCH	DFT-Pi2BPSK	23.20	23.75	23.34	21.65	33.00	Pass
30KHz	90MHz	MCH	DFT-QPSK	23.01	23.66	23.42	21.56	33.00	Pass
30KHz	90MHz	MCH	DFT-16QAM	21.79	22.43	22.42	20.33	33.00	Pass
30KHz	90MHz	MCH	DFT-64QAM	20.66	21.34	20.98	19.24	33.00	Pass
30KHz	90MHz	MCH	DFT-256QAM	18.74	19.32	19.04	17.22	33.00	Pass
30KHz	90MHz	MCH	CP-QPSK	21.50	22.06	21.89	19.96	33.00	Pass
30KHz	90MHz	HCH	DFT-Pi2BPSK	23.15	23.60	23.51	21.50	33.00	Pass
30KHz	90MHz	HCH	DFT-QPSK	23.09	23.51	23.53	21.43	33.00	Pass
30KHz	90MHz	HCH	DFT-16QAM	21.84	22.39	22.55	20.45	33.00	Pass
30KHz	90MHz	HCH	DFT-64QAM	20.60	21.22	21.05	19.12	33.00	Pass
30KHz	90MHz	HCH	DFT-256QAM	18.69	19.27	19.13	17.17	33.00	Pass
30KHz	90MHz	HCH	CP-QPSK	21.46	21.93	22.04	19.94	33.00	Pass
30KHz	100MHz	LCH	DFT-Pi2BPSK	23.22	23.42	23.18	21.32	33.00	Pass
30KHz	100MHz	LCH	DFT-QPSK	22.98	23.30	23.23	21.20	33.00	Pass
30KHz	100MHz	LCH	DFT-16QAM	21.69	22.12	22.29	20.19	33.00	Pass
30KHz	100MHz	LCH	DFT-64QAM	20.60	20.97	20.80	18.87	33.00	Pass
30KHz	100MHz	LCH	DFT-256QAM	18.63	18.95	18.84	16.85	33.00	Pass
30KHz	100MHz	LCH	CP-QPSK	21.61	21.78	21.70	19.68	33.00	Pass
30KHz	100MHz	MCH	DFT-Pi2BPSK	23.18	23.76	23.32	21.66	33.00	Pass
30KHz	100MHz	MCH	DFT-QPSK	22.99	23.68	23.40	21.58	33.00	Pass
30KHz	100MHz	MCH	DFT-16QAM	21.75	22.43	22.45	20.35	33.00	Pass
30KHz	100MHz	MCH	DFT-64QAM	20.65	21.31	20.98	19.21	33.00	Pass
30KHz	100MHz	MCH	DFT-256QAM	18.70	19.33	18.99	17.23	33.00	Pass
30KHz	100MHz	MCH	CP-QPSK	21.49	22.06	21.86	19.96	33.00	Pass
30KHz	100MHz	HCH	DFT-Pi2BPSK	23.12	23.61	23.46	21.51	33.00	Pass
30KHz	100MHz	HCH	DFT-QPSK	23.02	23.53	23.55	21.45	33.00	Pass
30KHz	100MHz	HCH	DFT-16QAM	21.80	22.37	22.57	20.47	33.00	Pass
30KHz	100MHz	HCH	DFT-64QAM	20.61	21.26	21.11	19.16	33.00	Pass
30KHz	100MHz	HCH	DFT-256QAM	18.65	19.31	19.16	17.21	33.00	Pass

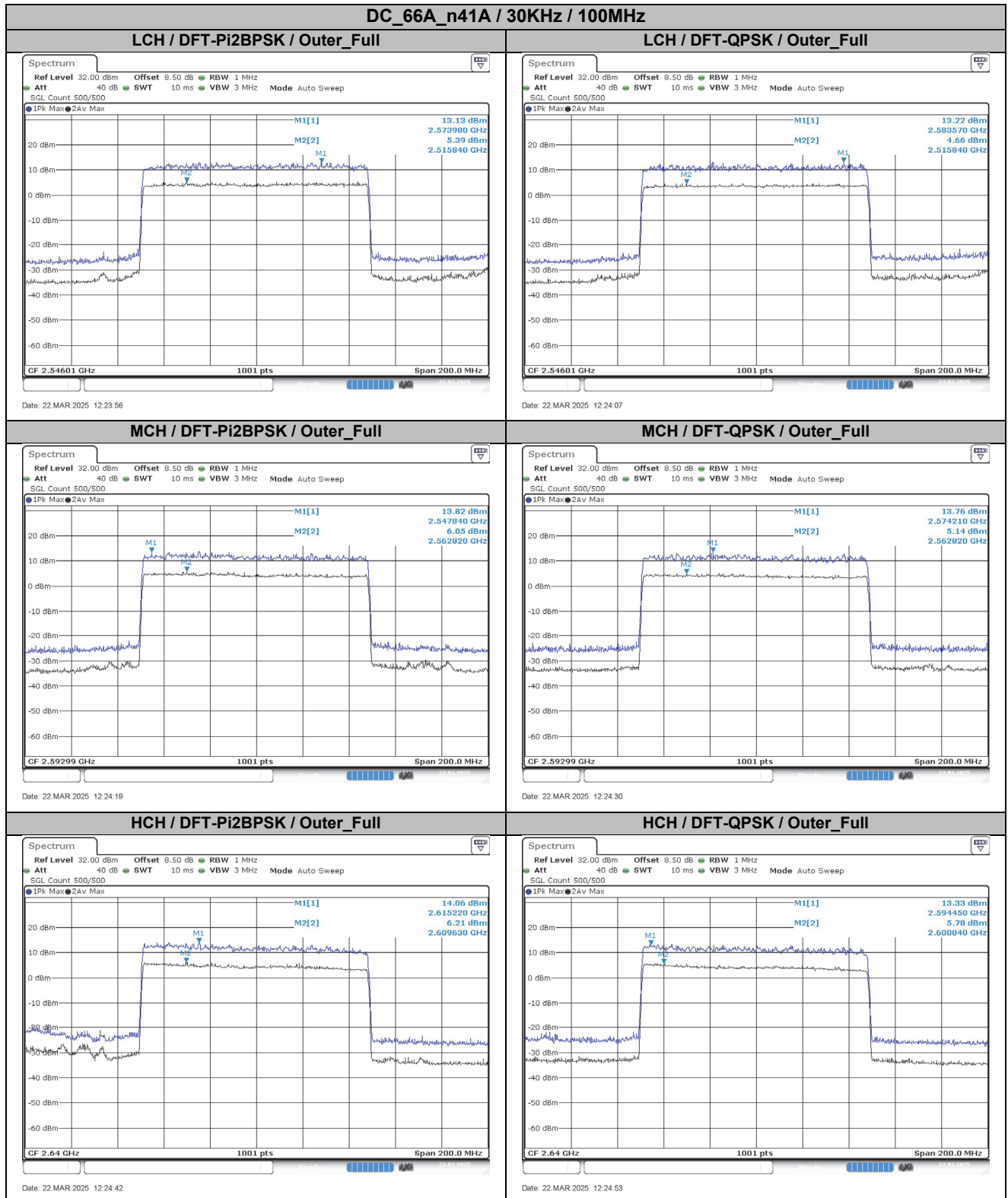
30KHz	100MHz	HCH	CP-QPSK	21.47	22.02	21.97	19.92	33.00	Pass
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2. Peak-to-Average Ratio

2.1. Test Results

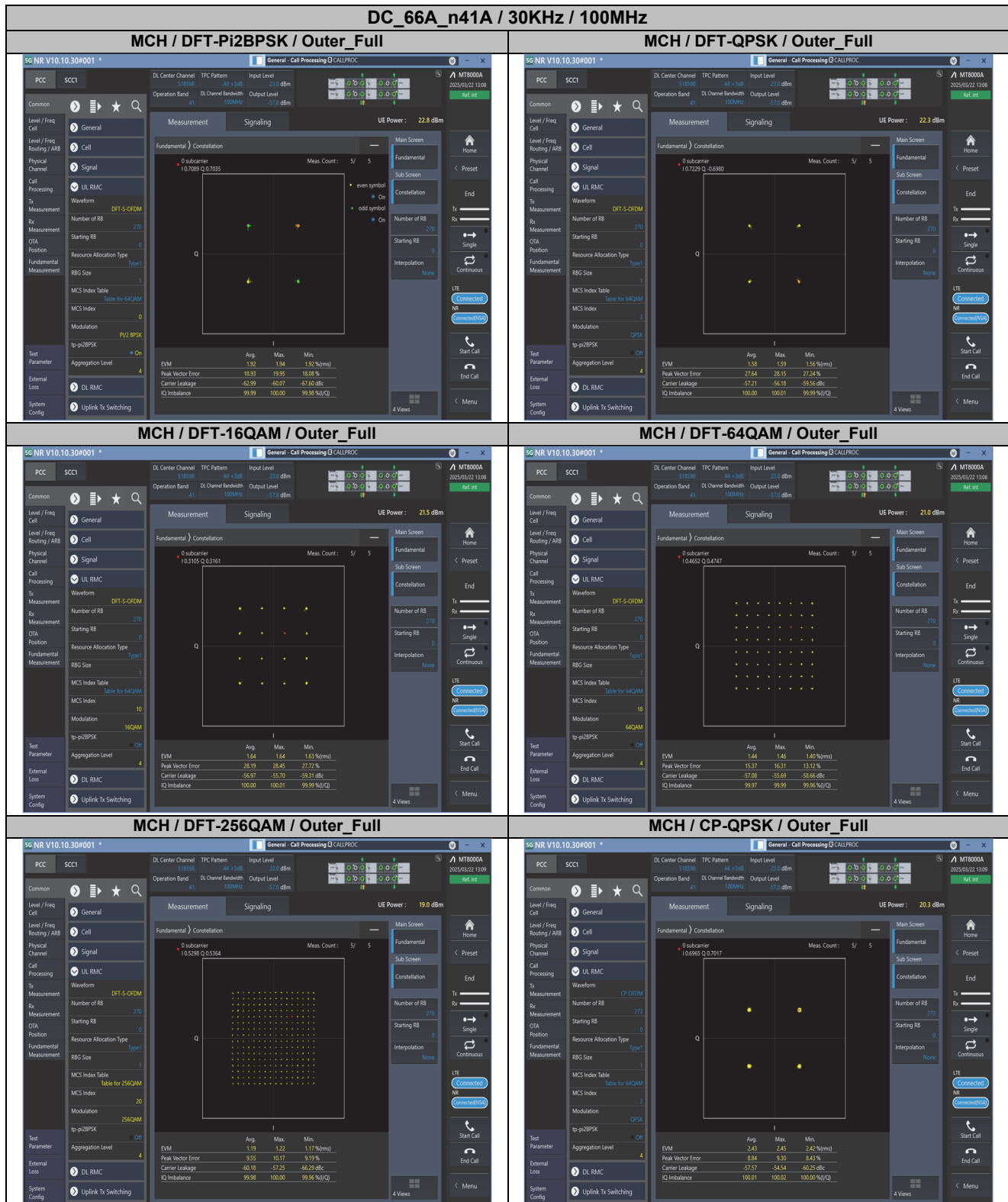
SCS	Bandwidth	Channel	RB	Result (dB)		Limit (dB)	Verdict
				DFT-Pi2BPSK	DFT-QPSK		
30KHz	100MHz	LCH	Outer_Full	7.74	8.56	13.00	Pass
30KHz	100MHz	MCH	Outer_Full	7.77	8.62	13.00	Pass
30KHz	100MHz	HCH	Outer_Full	7.85	7.55	13.00	Pass

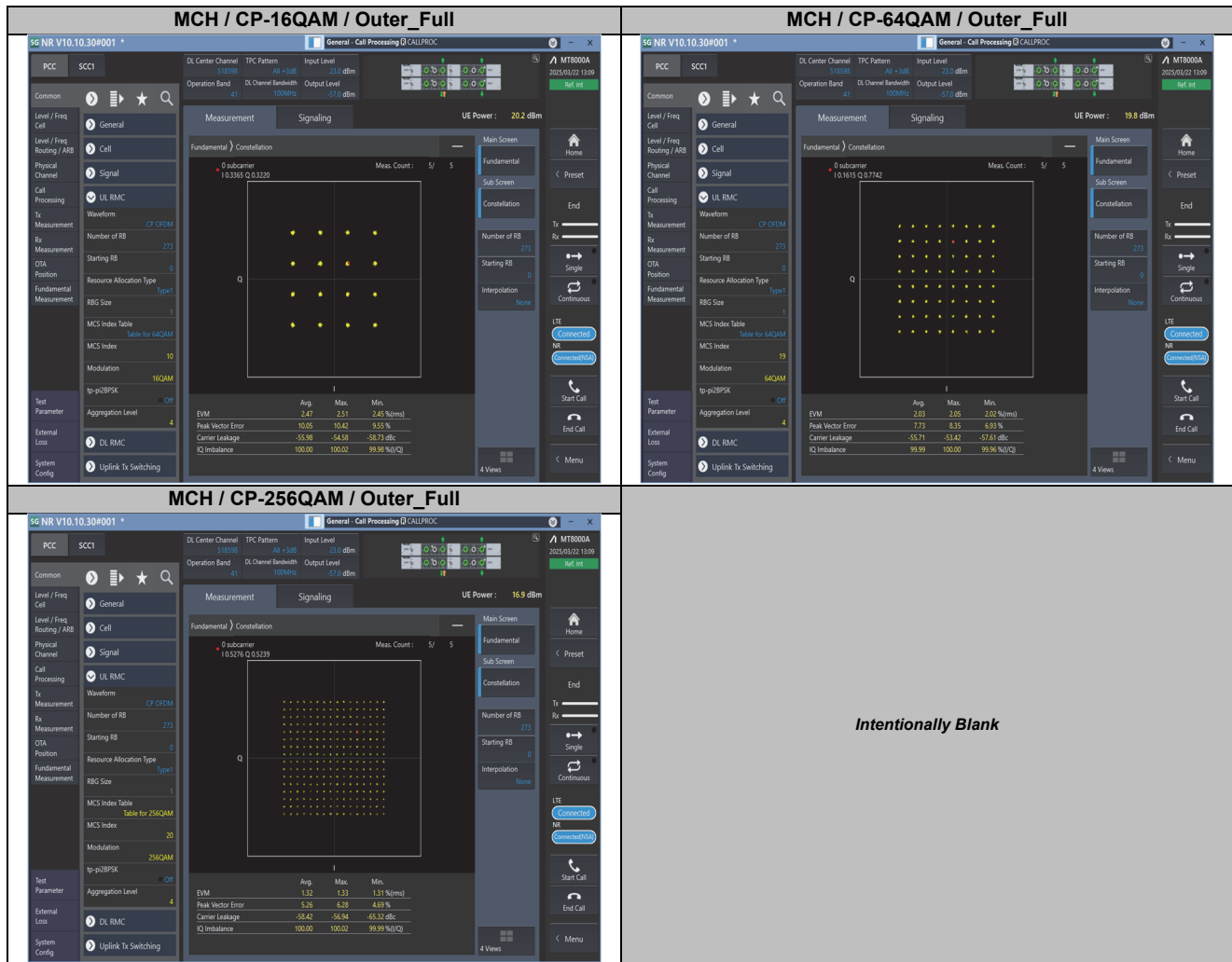
2.2. Test Plots for SCS=30KHz



3. Modulation Characteristics

3.1. Test Plots for SCS=30KHz





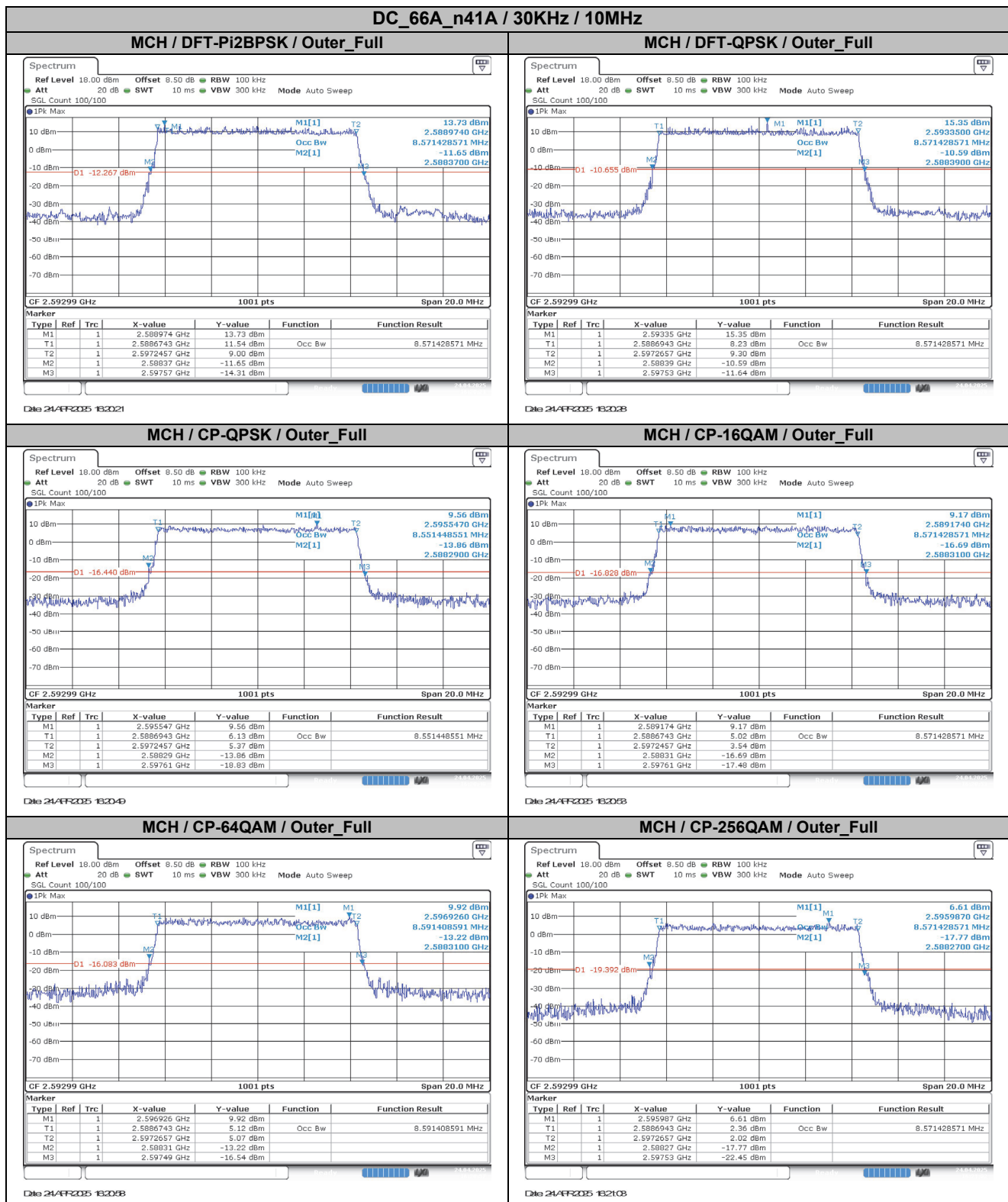
4. 99% Occupied Bandwidth & 26dB Emission Bandwidth

4.1. Test Results

SCS	Bandwidth	Modulation	RB	99% Occupied Bandwidth (MHz)	26dB Emission Bandwidth (MHz)	Verdict
30KHz	10MHz	DFT-Pi2BPSK	Outer_Full	8.57	9.20	Pass
30KHz	10MHz	DFT-QPSK	Outer_Full	8.57	9.14	Pass
30KHz	10MHz	CP-QPSK	Outer_Full	8.55	9.32	Pass
30KHz	10MHz	CP-16QAM	Outer_Full	8.57	9.30	Pass
30KHz	10MHz	CP-64QAM	Outer_Full	8.59	9.18	Pass
30KHz	10MHz	CP-256QAM	Outer_Full	8.57	9.26	Pass
30KHz	15MHz	DFT-Pi2BPSK	Outer_Full	12.89	13.74	Pass
30KHz	15MHz	DFT-QPSK	Outer_Full	12.86	13.68	Pass
30KHz	15MHz	CP-QPSK	Outer_Full	13.58	14.49	Pass
30KHz	15MHz	CP-16QAM	Outer_Full	13.58	14.46	Pass
30KHz	15MHz	CP-64QAM	Outer_Full	13.64	14.46	Pass
30KHz	15MHz	CP-256QAM	Outer_Full	13.58	14.43	Pass
30KHz	20MHz	DFT-Pi2BPSK	Outer_Full	17.78	18.64	Pass
30KHz	20MHz	DFT-QPSK	Outer_Full	17.82	18.68	Pass
30KHz	20MHz	CP-QPSK	Outer_Full	18.22	19.20	Pass
30KHz	20MHz	CP-16QAM	Outer_Full	18.18	19.12	Pass
30KHz	20MHz	CP-64QAM	Outer_Full	18.18	19.04	Pass
30KHz	20MHz	CP-256QAM	Outer_Full	18.22	19.04	Pass
30KHz	25MHz	DFT-Pi2BPSK	Outer_Full	22.88	23.95	Pass
30KHz	25MHz	DFT-QPSK	Outer_Full	22.88	23.95	Pass
30KHz	25MHz	CP-QPSK	Outer_Full	23.23	24.45	Pass
30KHz	25MHz	CP-16QAM	Outer_Full	23.23	24.35	Pass

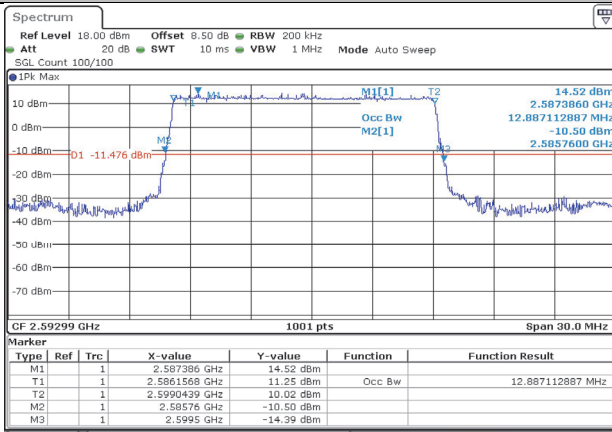
30KHz	25MHz	CP-64QAM	Outer_Full	23.18	24.25	Pass
30KHz	25MHz	CP-256QAM	Outer_Full	23.23	24.40	Pass
30KHz	30MHz	DFT-Pi2BPSK	Outer_Full	26.73	28.26	Pass
30KHz	30MHz	DFT-QPSK	Outer_Full	26.73	28.20	Pass
30KHz	30MHz	CP-QPSK	Outer_Full	27.75	29.28	Pass
30KHz	30MHz	CP-16QAM	Outer_Full	27.81	29.34	Pass
30KHz	30MHz	CP-64QAM	Outer_Full	27.75	29.22	Pass
30KHz	30MHz	CP-256QAM	Outer_Full	27.81	29.28	Pass
30KHz	35MHz	DFT-Pi2BPSK	Outer_Full	32.17	34.02	Pass
30KHz	35MHz	DFT-QPSK	Outer_Full	32.17	33.88	Pass
30KHz	35MHz	CP-QPSK	Outer_Full	32.87	34.58	Pass
30KHz	35MHz	CP-16QAM	Outer_Full	32.87	34.65	Pass
30KHz	35MHz	CP-64QAM	Outer_Full	32.87	34.58	Pass
30KHz	35MHz	CP-256QAM	Outer_Full	32.87	34.65	Pass
30KHz	40MHz	DFT-Pi2BPSK	Outer_Full	35.80	37.52	Pass
30KHz	40MHz	DFT-QPSK	Outer_Full	35.80	37.60	Pass
30KHz	40MHz	CP-QPSK	Outer_Full	37.80	39.68	Pass
30KHz	40MHz	CP-16QAM	Outer_Full	37.72	39.84	Pass
30KHz	40MHz	CP-64QAM	Outer_Full	37.80	39.52	Pass
30KHz	40MHz	CP-256QAM	Outer_Full	37.72	39.52	Pass
30KHz	45MHz	DFT-Pi2BPSK	Outer_Full	38.57	40.59	Pass
30KHz	45MHz	DFT-QPSK	Outer_Full	38.66	40.41	Pass
30KHz	45MHz	CP-QPSK	Outer_Full	42.44	44.46	Pass
30KHz	45MHz	CP-16QAM	Outer_Full	42.53	44.37	Pass
30KHz	45MHz	CP-64QAM	Outer_Full	42.44	44.19	Pass
30KHz	45MHz	CP-256QAM	Outer_Full	42.35	44.28	Pass
30KHz	50MHz	DFT-Pi2BPSK	Outer_Full	45.65	47.50	Pass
30KHz	50MHz	DFT-QPSK	Outer_Full	45.65	47.60	Pass
30KHz	50MHz	CP-QPSK	Outer_Full	47.45	49.40	Pass
30KHz	50MHz	CP-16QAM	Outer_Full	47.35	49.30	Pass
30KHz	50MHz	CP-64QAM	Outer_Full	47.55	49.40	Pass
30KHz	50MHz	CP-256QAM	Outer_Full	47.35	49.30	Pass
30KHz	60MHz	DFT-Pi2BPSK	Outer_Full	57.90	60.60	Pass
30KHz	60MHz	DFT-QPSK	Outer_Full	57.90	60.84	Pass
30KHz	60MHz	CP-QPSK	Outer_Full	57.66	60.60	Pass
30KHz	60MHz	CP-16QAM	Outer_Full	57.78	60.48	Pass
30KHz	60MHz	CP-64QAM	Outer_Full	57.90	60.60	Pass
30KHz	60MHz	CP-256QAM	Outer_Full	57.66	60.60	Pass
30KHz	70MHz	DFT-Pi2BPSK	Outer_Full	64.34	67.34	Pass
30KHz	70MHz	DFT-QPSK	Outer_Full	64.34	67.20	Pass
30KHz	70MHz	CP-QPSK	Outer_Full	67.55	70.56	Pass
30KHz	70MHz	CP-16QAM	Outer_Full	67.41	70.28	Pass
30KHz	70MHz	CP-64QAM	Outer_Full	67.41	70.42	Pass
30KHz	70MHz	CP-256QAM	Outer_Full	67.27	70.28	Pass
30KHz	80MHz	DFT-Pi2BPSK	Outer_Full	77.04	80.16	Pass
30KHz	80MHz	DFT-QPSK	Outer_Full	77.04	80.16	Pass
30KHz	80MHz	CP-QPSK	Outer_Full	77.36	80.48	Pass
30KHz	80MHz	CP-16QAM	Outer_Full	77.36	80.48	Pass
30KHz	80MHz	CP-64QAM	Outer_Full	77.36	80.48	Pass
30KHz	80MHz	CP-256QAM	Outer_Full	77.36	80.48	Pass
30KHz	90MHz	DFT-Pi2BPSK	Outer_Full	86.67	89.82	Pass
30KHz	90MHz	DFT-QPSK	Outer_Full	86.85	90.00	Pass
30KHz	90MHz	CP-QPSK	Outer_Full	87.39	90.54	Pass
30KHz	90MHz	CP-16QAM	Outer_Full	87.21	90.54	Pass
30KHz	90MHz	CP-64QAM	Outer_Full	87.39	90.54	Pass
30KHz	90MHz	CP-256QAM	Outer_Full	87.39	90.54	Pass
30KHz	100MHz	DFT-Pi2BPSK	Outer_Full	96.30	99.80	Pass
30KHz	100MHz	DFT-QPSK	Outer_Full	96.30	99.60	Pass
30KHz	100MHz	CP-QPSK	Outer_Full	97.30	100.60	Pass
30KHz	100MHz	CP-16QAM	Outer_Full	97.10	100.80	Pass
30KHz	100MHz	CP-64QAM	Outer_Full	97.30	100.60	Pass
30KHz	100MHz	CP-256QAM	Outer_Full	97.50	100.60	Pass

4.2. Test Plots for SCS=30KHz



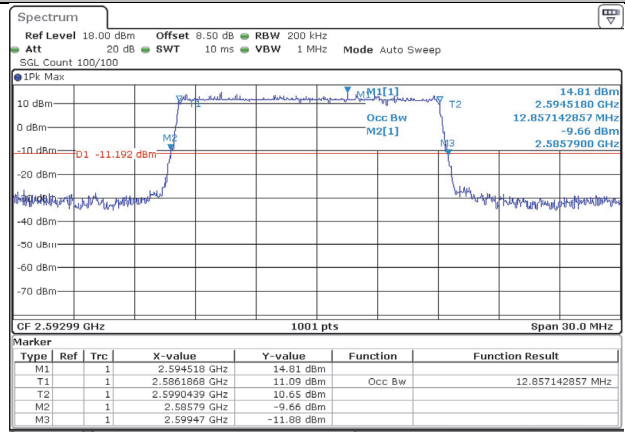
DC_66A_n41A / 30KHz / 15MHz

MCH / DFT-Pi2BPSK / Outer_Full



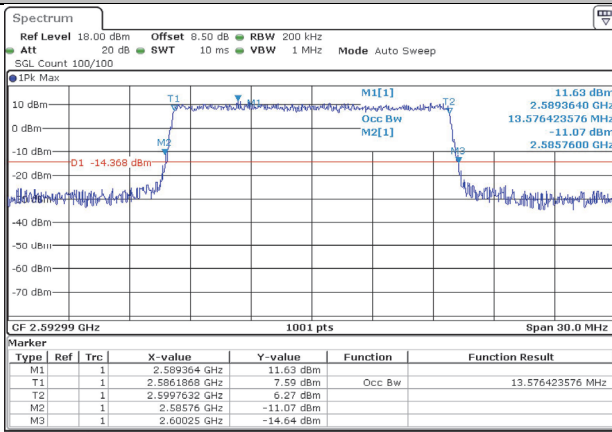
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MCH / DFT-QPSK / Outer_Full



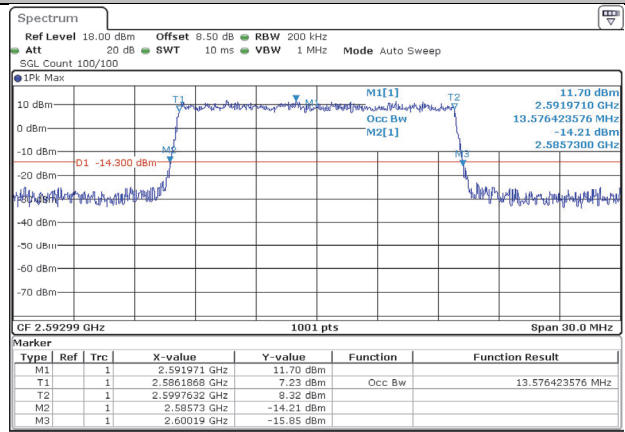
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MCH / CP-QPSK / Outer_Full



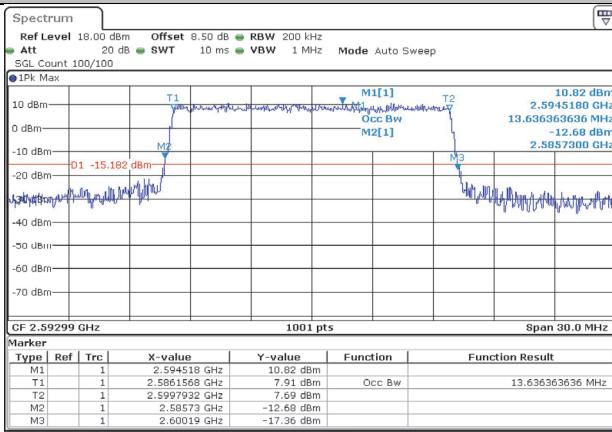
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MCH / CP-16QAM / Outer_Full



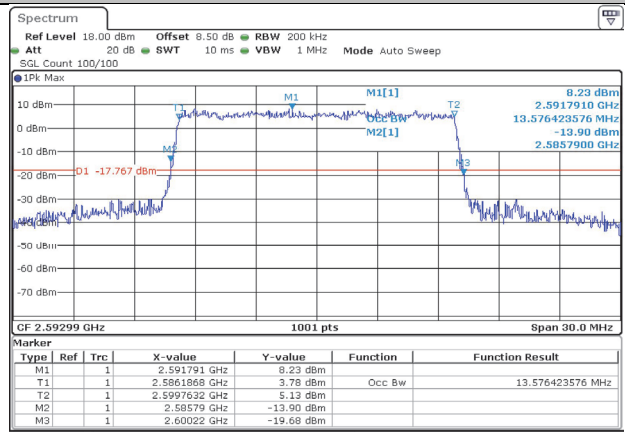
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MCH / CP-64QAM / Outer_Full



Date 24/FFZ05 132151

MCH / CP-256QAM / Outer_Full



Date 24/FFZ05 132156