Appendix B.42

NR Band n77(3700-3980)

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Effective (Isotropic) Radiated Power Output Data for SA

Test ResultAnt0

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.92	22.44	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.74	22.26	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	24.37	20.89	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	25.87	22.39	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Right	25.68	22.2	30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	24.94	21.46	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	23.53	20.05	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Right	23.45	19.97	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	22.71	19.23	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Left	21.5	18.02	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_1RB_Right	21.47	17.99	30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	21.37	17.89	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Left	19.76	16.28	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_1RB_Right	19.68	16.2	30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	19.67	16.19	30	PASS
N77-3700-	30	10	DFT-	M	Inner_1RB_Left	25.54	22.06	30	PASS

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3980			PI2BPSK						
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.44	21.96	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	24.15	20.67	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	25.72	22.24	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Right	25.58	22.1	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	23.57	20.09	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.53	21.05	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Right	24.56	21.08	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	22.7	19.22	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Left	22.5	19.02	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_1RB_Right	22.47	18.99	30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Left	20.2	16.72	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_1RB_Right	19.98	16.5	30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	20.09	16.61	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.91	21.43	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.71	21.23	30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	23.49	20.01	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	24.9	21.42	30	PASS

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N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Right	24.84	21.36	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	23.85	20.37	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	22.7	19.22	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Right	22.58	19.1	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	22.33	18.85	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Left	21.63	18.15	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_1RB_Right	21.36	17.88	30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	21.2	17.72	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Left	19.25	15.77	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_1RB_Right	19.08	15.6	30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	19.43	15.95	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.84	22.36	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.61	22.13	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	24.3	20.82	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	25.89	22.41	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Right	25.7	22.22	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	23.88	20.4	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	24.9	21.42	30	PASS
N77-3700-	30	15	DFT-16QAM	L	Inner_1RB_Righ	24.79	21.31	30	PASS

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3980					t				
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	22.87	19.39	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Left	22.86	19.38	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_1RB_Right	22.78	19.3	30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	22.23	18.75	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Left	20.36	16.88	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_1RB_Right	20.22	16.74	30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.77	22.29	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.31	21.83	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	24.23	20.75	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.62	22.14	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Right	25.24	21.76	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	24.93	21.45	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	23.83	20.35	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Right	23.39	19.91	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	23.66	20.18	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Left	22.5	19.02	30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_1RB_Right	22.54	19.06	30	PASS

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N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	22.26	18.78	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Left	20.23	16.75	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_1RB_Right	20.03	16.55	30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.54	22.06	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.89	21.41	30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	23.66	20.18	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	25.27	21.79	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Right	24.77	21.29	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	24.55	21.07	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	23.55	20.07	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Right	23.45	19.97	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	23.43	19.95	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Left	22.27	18.79	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Inner_1RB_Right	22.23	18.75	30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	21.48	18	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Left	19.49	16.01	30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_1RB_Right	19.43	15.95	30	PASS
N77-3700-	30	15	DFT-256QAM	H	Outer_Full	19.44	15.96	30	PASS

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3980									
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	25.9	22.42	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	25.6	22.12	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	24.47	20.99	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	25.92	22.44	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Right	25.7	22.22	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	23.98	20.5	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	24.78	21.3	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Right	24.65	21.17	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	22.95	19.47	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Left	22.98	19.5	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_1RB_Right	22.64	19.16	30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	22.26	18.78	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Left	20.31	16.83	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_1RB_Right	20.08	16.6	30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	20.35	16.87	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.75	22.27	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.44	21.96	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	24.02	20.54	30	PASS

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N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.73	22.25	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Right	25.5	22.02	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	23.68	20.2	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	24.78	21.3	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Right	24.25	20.77	30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	22.6	19.12	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Left	22.7	19.22	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_1RB_Right	22.44	18.96	30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	22.2	18.72	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Left	20.18	16.7	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Inner_1RB_Right	19.78	16.3	30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	20.09	16.61	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.17	21.69	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.87	21.39	30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	23.38	19.9	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	25.1	21.62	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Right	24.72	21.24	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	24.25	20.77	30	PASS
N77-3700-	30	20	DFT-16QAM	H	Inner_1RB_Left	22.75	19.27	30	PASS

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3980									
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Right	22.64	19.16	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	22.62	19.14	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Left	21.57	18.09	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_1RB_Right	21.76	18.28	30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	21.14	17.66	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Left	19.72	16.24	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_1RB_Right	19.31	15.83	30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	19.47	15.99	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.09	22.61	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.63	22.15	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	24.42	20.94	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26	22.52	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Right	25.66	22.18	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	23.72	20.24	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	24.94	21.46	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Right	24.68	21.2	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	22.78	19.3	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Left	22.9	19.42	30	PASS

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N77-3700-3980	30	40	DFT-64QAM	L	Inner_1RB_Right	22.69	19.21	30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Left	20.48	17	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_1RB_Right	20.22	16.74	30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	25.68	22.2	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	25.37	21.89	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	24.18	20.7	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	25.72	22.24	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Right	25.16	21.68	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	25.25	21.77	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	23.57	20.09	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Right	23.37	19.89	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	23.63	20.15	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Left	22.63	19.15	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Inner_1RB_Right	22.4	18.92	30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	22.09	18.61	30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_1RB_Left	20.25	16.77	30	PASS
N77-3700-	30	40	DFT-256QAM	M	Inner_1RB_Righ	19.9	16.42	30	PASS

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3980					t				
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	20.24	16.76	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	25.35	21.87	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.82	21.34	30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	23.59	20.11	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	25.47	21.99	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Right	24.71	21.23	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	24.69	21.21	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	23.56	20.08	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Right	23.46	19.98	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	22.73	19.25	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Left	21.56	18.08	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_1RB_Right	21.39	17.91	30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	21.2	17.72	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Left	19.92	16.44	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_1RB_Right	19.33	15.85	30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	19.65	16.17	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.04	22.56	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.63	22.15	30	PASS

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N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	24.37	20.89	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	25.49	22.01	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Right	25.57	22.09	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	23.84	20.36	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	24.94	21.46	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Right	24.63	21.15	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	22.76	19.28	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Left	23.16	19.68	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_1RB_Right	22.53	19.05	30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	22.21	18.73	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Left	20.62	17.14	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Inner_1RB_Right	20.09	16.61	30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	20.24	16.76	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	25.81	22.33	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	25.18	21.7	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	24.04	20.56	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.78	22.3	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Right	25.18	21.7	30	PASS
N77-3700-	30	50	DFT-QPSK	M	Outer_Full	23.49	20.01	30	PASS

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3980									
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.84	21.36	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Right	24.21	20.73	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	22.58	19.1	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Left	22.68	19.2	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_1RB_Right	22.08	18.6	30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	22.1	18.62	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Left	20.21	16.73	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_1RB_Right	19.74	16.26	30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	20.15	16.67	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	25.56	22.08	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	24.71	21.23	30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	23.78	20.3	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	25.62	22.14	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Right	24.59	21.11	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	23.27	19.79	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	24.54	21.06	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Right	23.62	20.14	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	22.11	18.63	30	PASS

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N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Left	22.52	19.04	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_1RB_Right	21.72	18.24	30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	21.78	18.3	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Left	20	16.52	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_1RB_Right	18.95	15.47	30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	19.72	16.24	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	25.98	22.5	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	25.19	21.71	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	24.17	20.69	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.12	22.64	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Right	25.38	21.9	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	23.74	20.26	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	25.07	21.59	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Right	24.17	20.69	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	22.85	19.37	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Left	22.68	19.2	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_1RB_Right	22.17	18.69	30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	22.22	18.74	30	PASS
N77-3700-	30	60	DFT-256QAM	L	Inner_1RB_Left	20.4	16.92	30	PASS

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3980									
N77-3700-3980	30	60	DFT-256QAM	L	Inner_1RB_Right	19.9	16.42	30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	20.23	16.75	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	25.84	22.36	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	25.24	21.76	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	24.02	20.54	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.8	22.32	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Right	25.08	21.6	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	23.5	20.02	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.64	21.16	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Right	24.16	20.68	30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	22.64	19.16	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Left	22.87	19.39	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_1RB_Right	22.03	18.55	30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	22.01	18.53	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Left	20.42	16.94	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Inner_1RB_Right	19.62	16.14	30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	20.11	16.63	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	24.79	21.31	30	PASS

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N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	24.83	21.35	30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	23.81	20.33	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.85	22.37	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Right	24.67	21.19	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	23.27	19.79	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.76	21.28	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Right	23.73	20.25	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Left	22.81	19.33	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_1RB_Right	21.74	18.26	30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	21.74	18.26	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Left	20.25	16.77	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_1RB_Right	19.27	15.79	30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	19.68	16.2	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	25.96	22.48	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	25.22	21.74	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	24.25	20.77	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	26.11	22.63	30	PASS
N77-3700-	30	70	DFT-QPSK	L	Inner_1RB_Righ	25.2	21.72	30	PASS

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3980					t				
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	25.28	21.8	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	24.55	21.07	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Right	23.49	20.01	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	23.65	20.17	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Left	22.66	19.18	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_1RB_Right	22.43	18.95	30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	22.19	18.71	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Left	20.37	16.89	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_1RB_Right	19.64	16.16	30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	20.22	16.74	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	25.92	22.44	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.14	21.66	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	24.08	20.6	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	23.93	20.45	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Right	24.95	21.47	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	23.5	20.02	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	24.86	21.38	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Right	23.97	20.49	30	PASS

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N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	22.62	19.14	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Left	22.74	19.26	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_1RB_Right	21.98	18.5	30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	22.09	18.61	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Left	20.27	16.79	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_1RB_Right	19.36	15.88	30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	19.93	16.45	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	25.81	22.33	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	24.66	21.18	30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	24	20.52	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	24.57	21.09	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Right	24.73	21.25	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	23.39	19.91	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	24.83	21.35	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Right	23.58	20.1	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	22.43	18.95	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Left	22.68	19.2	30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_1RB_Right	21.7	18.22	30	PASS
N77-3700-	30	70	DFT-64QAM	H	Outer_Full	21.82	18.34	30	PASS

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3980									
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Left	20.27	16.79	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_1RB_Right	19.24	15.76	30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	19.78	16.3	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.02	22.54	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.15	21.67	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	24.29	20.81	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.01	22.53	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Right	25.26	21.78	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	23.65	20.17	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	25.07	21.59	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Right	24.21	20.73	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	22.76	19.28	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Left	22.82	19.34	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_1RB_Right	21.99	18.51	30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	22.32	18.84	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Left	20.51	17.03	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_1RB_Right	19.26	15.78	30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	20.16	16.68	30	PASS

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N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	25.93	22.45	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	24.91	21.43	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	24.1	20.62	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.8	22.32	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Right	24.94	21.46	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	23.5	20.02	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	24.74	21.26	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Right	23.89	20.41	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	22.51	19.03	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Left	22.96	19.48	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Inner_1RB_Right	21.86	18.38	30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	21.93	18.45	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Left	20.46	16.98	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_1RB_Right	19.36	15.88	30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	20.1	16.62	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	25.77	22.29	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	24.8	21.32	30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	23.96	20.48	30	PASS
N77-3700-	30	80	DFT-QPSK	H	Inner_1RB_Left	25.75	22.27	30	PASS

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3980									
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Right	24.76	21.28	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	23.45	19.97	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.83	21.35	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Right	23.76	20.28	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	22.41	18.93	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Left	22.89	19.41	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_1RB_Right	21.61	18.13	30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	21.85	18.37	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Left	20.27	16.79	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_1RB_Right	19.21	15.73	30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	19.79	16.31	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	25.98	22.5	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	24.94	21.46	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	24.27	20.79	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	24.14	20.66	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Right	25	21.52	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	23.67	20.19	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.08	21.6	30	PASS

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N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	22.79	19.31	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Left	23.1	19.62	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_1RB_Right	21.9	18.42	30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	22.23	18.75	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Left	20.66	17.18	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_1RB_Right	19.3	15.82	30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	20.07	16.59	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.08	22.6	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	24.66	21.18	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	24.11	20.63	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.98	22.5	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Right	24.69	21.21	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	23.67	20.19	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	24.87	21.39	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Right	23.86	20.38	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	22.36	18.88	30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Inner_1RB_Left	23.01	19.53	30	PASS
N77-3700-	30	90	DFT-64QAM	M	Inner_1RB_Righ	21.77	18.29	30	PASS

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N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	21.92	18.44	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Left	20.34	16.86	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_1RB_Right	19.06	15.58	30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	20.06	16.58	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	25.89	22.41	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	24.64	21.16	30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	24.06	20.58	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.83	22.35	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Right	24.8	21.32	30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	23.69	20.21	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.95	21.47	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Right	23.79	20.31	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	22.57	19.09	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Left	22.78	19.3	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Inner_1RB_Right	21.59	18.11	30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	21.91	18.43	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Left	20.43	16.95	30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_1RB_Right	19.05	15.57	30	PASS

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N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	19.97	16.49	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	26.04	22.56	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	24.66	21.18	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	24.19	20.71	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	26.08	22.6	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	24.77	21.29	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	23.61	20.13	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	24.97	21.49	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	23.55	20.07	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	22.47	18.99	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	23	19.52	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	21.66	18.18	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	22.08	18.6	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	20.36	16.88	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	19	15.52	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	19.9	16.42	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	26.12	22.64	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	24.7	21.22	30	PASS
N77-3700-	30	100	DFT-	M	Outer_Full	24.16	20.68	30	PASS

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3980			PI2BPSK						
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	26.23	22.75	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	24.56	21.08	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	23.56	20.08	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.97	21.49	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	23.55	20.07	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	22.56	19.08	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	22.99	19.51	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	21.66	18.18	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	21.94	18.46	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	20.46	16.98	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	19.14	15.66	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	20.01	16.53	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	26.06	22.58	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	24.75	21.27	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	23.92	20.44	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	26.1	22.62	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	24.72	21.24	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	23.46	19.98	30	PASS

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N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	25.16	21.68	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	23.71	20.23	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	22.62	19.14	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	22.98	19.5	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	21.7	18.22	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	22.09	18.61	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.49	17.01	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	19.04	15.56	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	20.07	16.59	30	PASS

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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant0 (dBm)	Power Ant6 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	26.12	25.40	28.79	25.31	30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	25.03	24.50	27.78	24.30	30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	25.76	25.28	28.54	25.06	30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.78	24.32	27.57	24.09	30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	25.76	25.10	28.45	24.97	30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	24.41	24.26	27.35	23.87	30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	25.89	25.32	28.62	25.14	30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	25.34	24.90	28.14	24.66	30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.89	25.33	28.63	25.15	30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	25.27	24.58	27.95	24.47	30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	25.56	25.10	28.35	24.87	30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	25.05	24.41	27.75	24.27	30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	26.25	25.53	28.92	25.44	30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	24.99	24.74	27.88	24.40	30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.98	25.44	28.73	25.25	30	PAS

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N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	25.07	24.36	27.74	24.26	30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	25.85	25.23	28.56	25.08	30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	24.80	24.03	27.44	23.96	30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.03	25.63	28.84	25.36	30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	25.20	24.60	27.92	24.44	30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	25.85	25.26	28.58	25.10	30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	24.99	24.12	27.59	24.11	30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	26.19	24.64	28.49	25.01	30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	25.21	23.97	27.64	24.16	30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	26.22	25.25	28.77	25.29	30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	25.24	24.33	27.82	24.34	30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.71	25.09	28.42	24.94	30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.89	24.03	27.49	24.01	30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	26.24	24.96	28.66	25.18	30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	25.16	23.98	27.62	24.14	30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	26.31	25.59	28.98	25.50	30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	25.24	24.48	27.89	24.41	30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.85	24.85	28.39	24.91	30	PASS

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N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.84	24.02	27.46	23.98	30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.83	25.18	28.53	25.05	30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.74	24.10	27.44	23.96	30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	25.99	25.25	28.65	25.17	30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	25.13	24.07	27.64	24.16	30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	25.58	24.99	28.31	24.83	30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	24.70	23.77	27.27	23.79	30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	25.68	25.29	28.50	25.02	30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	24.48	24.44	27.47	23.99	30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	26.07	25.62	28.86	25.38	30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	25.13	24.28	27.74	24.26	30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.63	24.89	28.29	24.81	30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	24.61	23.86	27.26	23.78	30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	25.73	25.29	28.53	25.05	30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	24.64	24.24	27.45	23.97	30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	26.15	25.54	28.87	25.39	30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	25.08	24.41	27.77	24.29	30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.59	24.93	28.28	24.80	30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	24.72	23.92	27.35	23.87	30	PAS

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N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	25.66	25.09	28.39	24.91	30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	24.53	24.17	27.36	23.88	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.75	25.07	28.43	24.95	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.78	24.96	28.40	24.92	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	24.02	23.36	26.71	23.23	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	25.53	25.37	28.46	24.98	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	25.50	25.27	28.40	24.92	30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	24.43	23.40	26.96	23.48	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	25.27	24.42	27.88	24.40	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	24.65	23.87	27.29	23.81	30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	22.99	22.43	25.73	22.25	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	22.96	22.36	25.68	22.20	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	22.56	21.92	25.26	21.78	30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	22.61	21.94	25.30	21.82	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	20.17	22.12	24.26	20.78	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	19.66	21.81	23.88	20.40	30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	20.54	22.26	24.49	21.01	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.85	24.94	28.43	24.95	30	PASS

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N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.86	25.25	28.58	25.10	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	23.84	22.98	26.44	22.96	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	25.90	24.85	28.42	24.94	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	25.95	24.99	28.51	25.03	30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	24.05	23.14	26.63	23.15	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.87	24.09	27.51	24.03	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	24.90	24.09	27.52	24.04	30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	23.00	22.21	25.63	22.15	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	22.78	21.93	25.39	21.91	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	22.86	22.12	25.52	22.04	30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	22.46	21.61	25.07	21.59	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	19.92	21.75	23.94	20.46	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	19.95	21.88	24.03	20.55	30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	20.53	21.99	24.33	20.85	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.54	24.88	28.23	24.75	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.68	25.23	28.47	24.99	30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	23.91	23.17	26.57	23.09	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	25.54	25.14	28.35	24.87	30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	25.60	25.46	28.54	25.06	30	PAS

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N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	24.12	23.36	26.77	23.29	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	24.40	23.83	27.13	23.65	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	24.62	24.38	27.51	24.03	30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	22.96	22.37	25.69	22.21	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	22.54	21.68	25.14	21.66	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	22.60	22.22	25.42	21.94	30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	22.21	21.57	24.91	21.43	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.11	21.62	23.94	20.46	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	20.14	22.07	24.22	20.74	30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	20.34	21.89	24.19	20.71	30	PASS

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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	100%	0.00	9.66	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	100%	0.00	9.77	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	100%	0.00	9.76	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	100%	0.00	9.66	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	100%	0.00	10.01	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	100%	0.00	10.11	≤13	PASS

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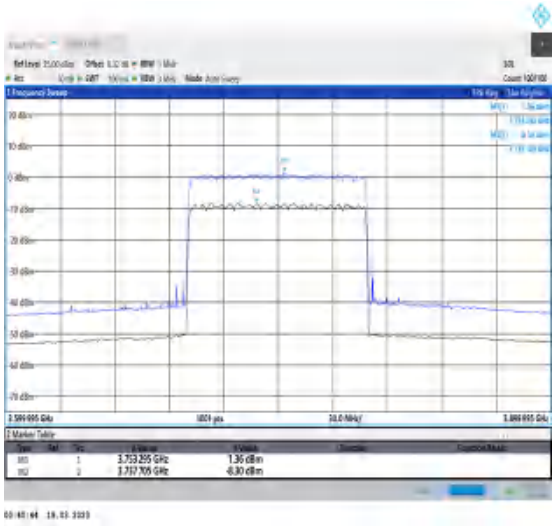
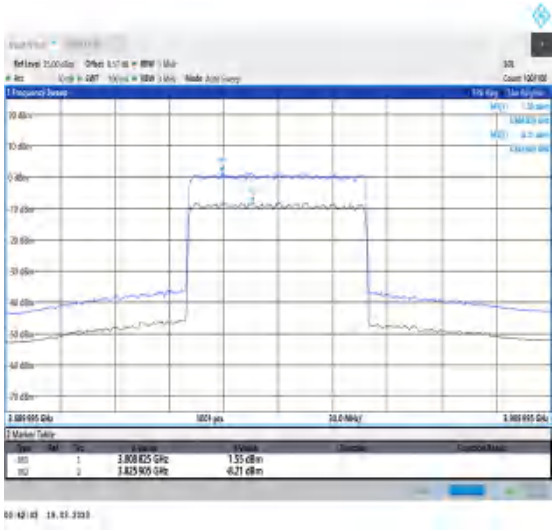
Test Graphs

	
1-N77-3700-3980-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.66-100%-0.00-9.66-PASS-≤13	1-N77-3700-3980-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant0-9.77-100%-0.00-9.77-PASS-≤13
	
1-N77-3700-3980-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant0-9.76-100%-0.00-9.76-PASS-≤13	1-N77-3700-3980-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant0-9.66-100%-0.00-9.66-PASS-≤13

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1-N77-3700-3980-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant0-10.01-100%-0.00-10.01-PASS-≤13	1-N77-3700-3980-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant0-10.11-100%-0.00-10.11-PASS-≤13

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	8.565	9.140	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.552	9.300	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	8.57	9.080	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.565	9.160	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	8.573	9.200	PASS
N77-3700-3980	30	10	CP-QPSK	L	Outer_Full	8.55	9.340	PASS
N77-3700-3980	30	10	CP-16QAM	L	Outer_Full	8.57	9.160	PASS
N77-3700-3980	30	10	CP-64QAM	L	Outer_Full	8.554	9.200	PASS
N77-3700-3980	30	10	CP-256QAM	L	Outer_Full	8.541	9.320	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.589	9.360	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.587	9.240	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.621	9.020	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.586	9.220	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.552	9.220	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.569	9.220	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.558	9.260	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.546	9.200	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.536	9.220	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	8.578	9.180	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	8.613	9.260	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	8.593	9.220	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	8.573	9.180	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	8.573	9.060	PASS
N77-3700-3980	30	10	CP-QPSK	H	Outer_Full	8.559	9.180	PASS
N77-3700-3980	30	10	CP-16QAM	H	Outer_Full	8.593	9.180	PASS
N77-3700-3980	30	10	CP-64QAM	H	Outer_Full	8.581	9.280	PASS
N77-3700-3980	30	10	CP-256QAM	H	Outer_Full	8.58	9.120	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	12.89	13.770	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	12.823	13.620	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	12.841	13.560	PASS

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N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	12.87	13.710	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	12.83	13.620	PASS
N77-3700-3980	30	15	CP-QPSK	L	Outer_Full	13.574	14.250	PASS
N77-3700-3980	30	15	CP-16QAM	L	Outer_Full	13.59	14.280	PASS
N77-3700-3980	30	15	CP-64QAM	L	Outer_Full	13.556	14.250	PASS
N77-3700-3980	30	15	CP-256QAM	L	Outer_Full	13.579	14.400	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.89	13.500	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.81	13.560	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.836	13.710	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.89	13.650	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.859	13.830	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.56	14.220	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.575	14.430	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.563	14.460	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.588	14.280	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	12.894	13.590	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	12.873	13.590	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	12.884	13.680	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	12.87	13.620	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	12.884	13.560	PASS
N77-3700-3980	30	15	CP-QPSK	H	Outer_Full	13.595	14.220	PASS
N77-3700-3980	30	15	CP-16QAM	H	Outer_Full	13.579	14.400	PASS
N77-3700-3980	30	15	CP-64QAM	H	Outer_Full	13.533	14.340	PASS
N77-3700-3980	30	15	CP-256QAM	H	Outer_Full	13.585	14.340	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	17.759	18.680	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	17.843	18.680	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	17.811	18.720	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	17.777	18.680	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.718	18.760	PASS
N77-3700-3980	30	20	CP-QPSK	L	Outer_Full	18.245	19.080	PASS
N77-3700-3980	30	20	CP-16QAM	L	Outer_Full	18.241	18.920	PASS
N77-3700-3980	30	20	CP-64QAM	L	Outer_Full	18.184	19.080	PASS
N77-3700-3980	30	20	CP-256QAM	L	Outer_Full	18.143	18.960	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.856	18.680	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.834	18.640	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.636	18.640	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.845	18.720	PASS

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N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.824	18.720	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.165	19.040	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.237	19.280	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.207	19.200	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.129	19.160	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	17.784	18.480	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	17.724	18.760	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	17.886	18.760	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	17.801	18.680	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	17.864	18.640	PASS
N77-3700-3980	30	20	CP-QPSK	H	Outer_Full	18.17	19.160	PASS
N77-3700-3980	30	20	CP-16QAM	H	Outer_Full	18.208	19.000	PASS
N77-3700-3980	30	20	CP-64QAM	H	Outer_Full	18.143	18.880	PASS
N77-3700-3980	30	20	CP-256QAM	H	Outer_Full	18.234	19.000	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	35.795	37.440	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	35.78	37.280	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	35.594	37.280	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	35.805	37.280	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	35.744	37.440	PASS
N77-3700-3980	30	40	CP-QPSK	L	Outer_Full	37.831	39.360	PASS
N77-3700-3980	30	40	CP-16QAM	L	Outer_Full	37.77	39.360	PASS
N77-3700-3980	30	40	CP-64QAM	L	Outer_Full	37.891	39.840	PASS
N77-3700-3980	30	40	CP-256QAM	L	Outer_Full	37.955	39.760	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.813	37.280	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.73	37.360	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.828	37.360	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.684	37.440	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.889	37.280	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.851	39.360	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.828	39.520	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.826	39.680	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.848	39.680	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	35.791	37.360	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	35.727	37.360	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	35.747	37.360	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	35.848	37.520	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	35.772	37.360	PASS

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N77-3700-3980	30	40	CP-QPSK	H	Outer_Full	37.897	39.440	PASS
N77-3700-3980	30	40	CP-16QAM	H	Outer_Full	37.938	39.440	PASS
N77-3700-3980	30	40	CP-64QAM	H	Outer_Full	37.829	39.440	PASS
N77-3700-3980	30	40	CP-256QAM	H	Outer_Full	37.792	39.600	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	45.654	47.400	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	45.681	47.500	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	45.701	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	45.643	47.400	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	45.651	47.400	PASS
N77-3700-3980	30	50	CP-QPSK	L	Outer_Full	47.428	49.300	PASS
N77-3700-3980	30	50	CP-16QAM	L	Outer_Full	47.451	49.200	PASS
N77-3700-3980	30	50	CP-64QAM	L	Outer_Full	47.363	49.400	PASS
N77-3700-3980	30	50	CP-256QAM	L	Outer_Full	47.36	49.300	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.722	47.500	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.59	47.600	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.735	47.400	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.763	47.400	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.648	47.500	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.321	49.200	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.292	49.300	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.398	49.400	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.377	49.200	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	45.649	47.400	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	45.739	47.400	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	45.747	47.600	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	45.637	47.500	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	45.793	47.300	PASS
N77-3700-3980	30	50	CP-QPSK	H	Outer_Full	47.547	49.300	PASS
N77-3700-3980	30	50	CP-16QAM	H	Outer_Full	47.395	49.200	PASS
N77-3700-3980	30	50	CP-64QAM	H	Outer_Full	47.427	49.500	PASS
N77-3700-3980	30	50	CP-256QAM	H	Outer_Full	47.364	49.100	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	57.73	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	57.858	60.000	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	57.755	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	57.857	59.640	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	58.052	59.760	PASS
N77-3700-3980	30	60	CP-QPSK	L	Outer_Full	57.507	59.880	PASS

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N77-3700-3980	30	60	CP-16QAM	L	Outer_Full	57.66	59.640	PASS
N77-3700-3980	30	60	CP-64QAM	L	Outer_Full	57.673	59.880	PASS
N77-3700-3980	30	60	CP-256QAM	L	Outer_Full	57.759	59.640	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.886	59.640	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.755	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.842	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.828	59.760	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.806	59.640	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.714	59.760	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.844	59.880	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.712	59.760	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.759	59.640	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	57.814	59.880	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	57.877	59.760	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	57.664	59.760	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	57.702	59.760	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	57.777	59.760	PASS
N77-3700-3980	30	60	CP-QPSK	H	Outer_Full	57.936	59.520	PASS
N77-3700-3980	30	60	CP-16QAM	H	Outer_Full	57.886	59.760	PASS
N77-3700-3980	30	60	CP-64QAM	H	Outer_Full	57.771	59.760	PASS
N77-3700-3980	30	60	CP-256QAM	H	Outer_Full	57.687	59.640	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	64.054	66.500	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	64.334	66.220	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	64.4	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	64.263	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	64.136	66.360	PASS
N77-3700-3980	30	70	CP-QPSK	L	Outer_Full	67.364	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	L	Outer_Full	67.388	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	L	Outer_Full	67.37	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	L	Outer_Full	67.401	69.440	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.376	66.360	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.216	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.232	66.360	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.171	66.360	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.294	66.360	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.295	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.121	69.440	PASS

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N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.285	69.720	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.236	69.580	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	64.204	66.360	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	64.142	66.360	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	64.203	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	64.21	66.220	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	64.143	66.080	PASS
N77-3700-3980	30	70	CP-QPSK	H	Outer_Full	67.316	69.440	PASS
N77-3700-3980	30	70	CP-16QAM	H	Outer_Full	67.34	69.440	PASS
N77-3700-3980	30	70	CP-64QAM	H	Outer_Full	67.338	69.440	PASS
N77-3700-3980	30	70	CP-256QAM	H	Outer_Full	67.372	69.580	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	76.972	80.160	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	77.003	80.000	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	76.941	80.160	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	76.86	80.160	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	77.155	80.160	PASS
N77-3700-3980	30	80	CP-QPSK	L	Outer_Full	77.489	80.480	PASS
N77-3700-3980	30	80	CP-16QAM	L	Outer_Full	77.302	80.320	PASS
N77-3700-3980	30	80	CP-64QAM	L	Outer_Full	77.499	80.640	PASS
N77-3700-3980	30	80	CP-256QAM	L	Outer_Full	77.245	80.640	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.202	80.160	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.113	80.160	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.184	80.000	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.004	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.03	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.455	80.480	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.368	80.640	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.488	80.480	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.322	80.640	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	77.088	80.320	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	77.041	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	77.062	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	76.863	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	76.886	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	H	Outer_Full	77.349	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	H	Outer_Full	77.468	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	H	Outer_Full	77.429	80.320	PASS

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N77-3700-3980	30	80	CP-256QAM	H	Outer_Full	77.377	80.640	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	85.775	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	85.725	89.100	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	85.61	88.740	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	85.515	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	85.734	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	L	Outer_Full	87.339	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	L	Outer_Full	87.329	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	L	Outer_Full	87.219	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	L	Outer_Full	87.286	90.720	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.596	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.457	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.909	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.658	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.683	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.274	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.488	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.248	90.720	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.15	90.900	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	85.503	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	85.611	88.920	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	85.488	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	85.864	88.920	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	85.497	88.740	PASS
N77-3700-3980	30	90	CP-QPSK	H	Outer_Full	87.554	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	H	Outer_Full	87.174	90.720	PASS
N77-3700-3980	30	90	CP-64QAM	H	Outer_Full	87.313	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	H	Outer_Full	87.397	90.720	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	96.139	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	96.259	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	96.284	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	96.103	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	96.088	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	L	Outer_Full	97.248	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	L	Outer_Full	97.246	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	L	Outer_Full	97.043	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	97.083	100.800	PASS

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N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.239	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.435	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.029	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.346	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.274	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.361	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.514	100.800	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.152	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.321	100.800	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	96.12	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	96.129	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	96.495	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	95.998	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	96.036	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	H	Outer_Full	97.214	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	H	Outer_Full	97.193	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	H	Outer_Full	97.421	100.600	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	97.141	100.800	PASS

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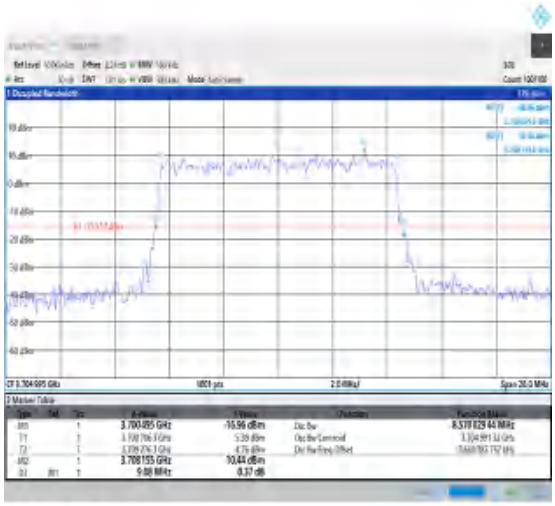
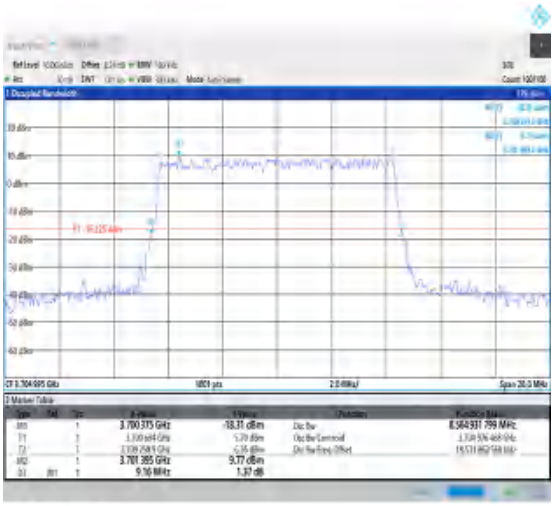
Test Graphs

1-N77-3700-3980-30-10-L-1-DFT-QPSK-Outer_Full-24@0-Ant0-8.565-9.140-≤10-PASS	1-N77-3700-3980-30-10-L-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0-8.552-9.300-≤10-PASS
	
1-N77-3700-3980-30-10-L-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.57-9.080-≤10-PASS	1-N77-3700-3980-30-10-L-4-DFT-64QAM-Outer_Full-24@0-Ant0-8.565-9.160-≤10-PASS

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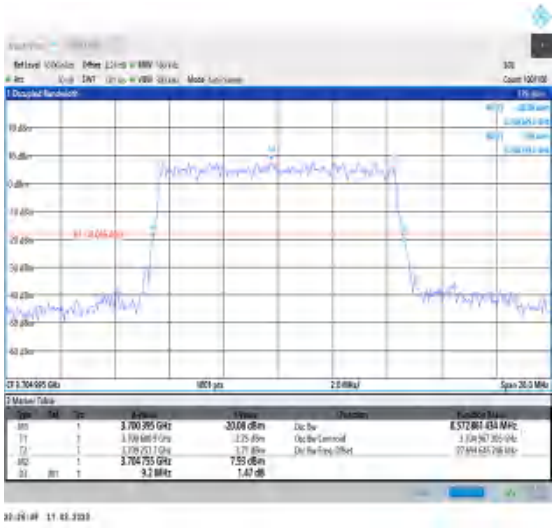

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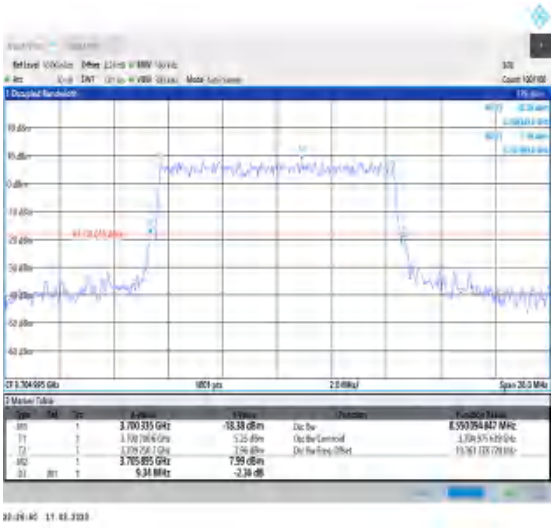

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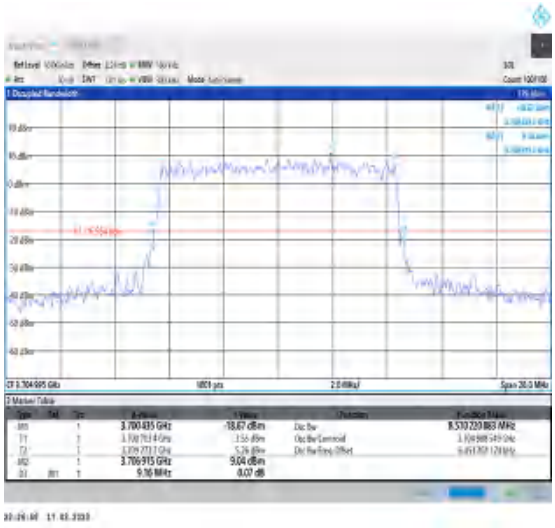

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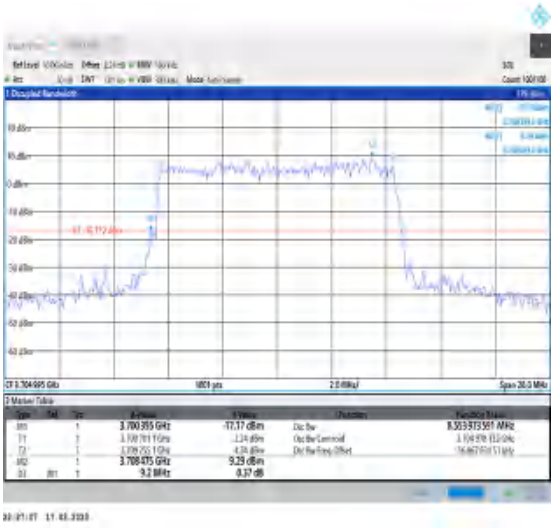

1-N77-3700-3980-30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant0-8.554-9.200-≤10-PASS

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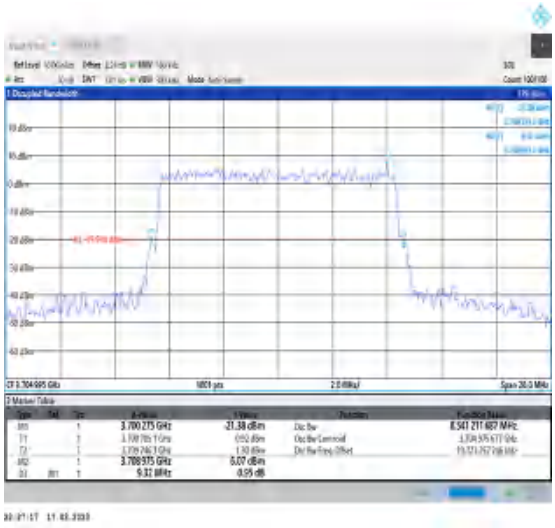

1-N77-3700-3980-30-10-L-9-CP-256QAM-Outer_Full-24@0-Ant0-8.541-9.320-≤10-PASS

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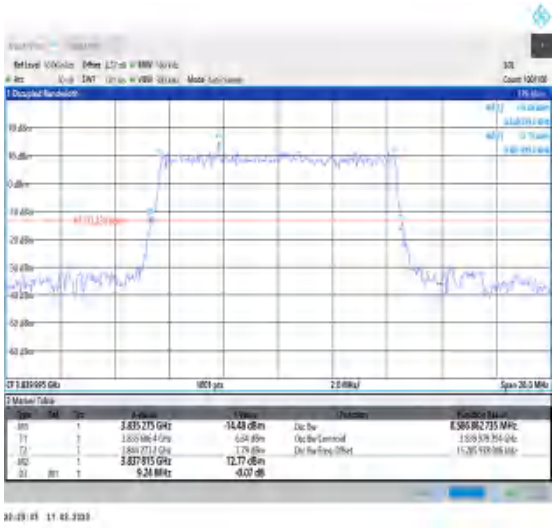

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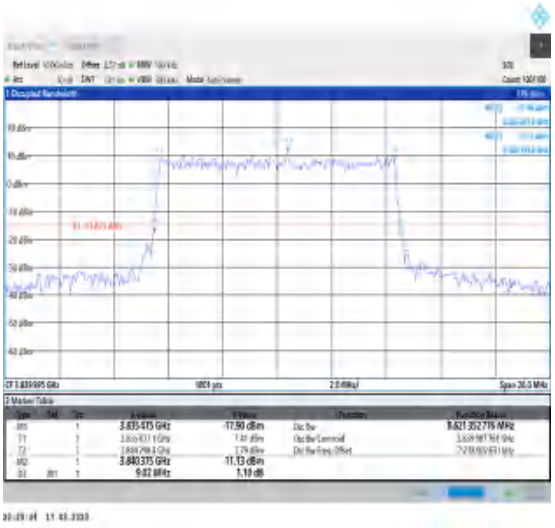

1-N77-3700-3980-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.621-9.020-≤10-PASS

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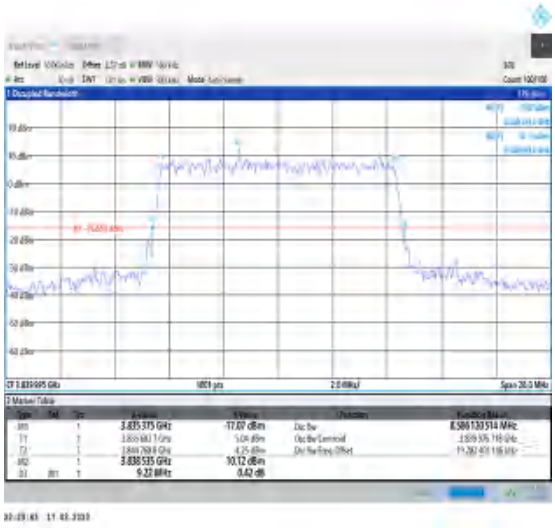

1-N77-3700-3980-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant0-8.586-9.220-≤10-PASS

1-N77-3700-3980-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant0-8.552-9.220-≤10-PASS

1-N77-3700-3980-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant0-8.569-9.220-≤10-PASS

1-N77-3700-3980-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant0-8.558-9.260-≤10-PASS

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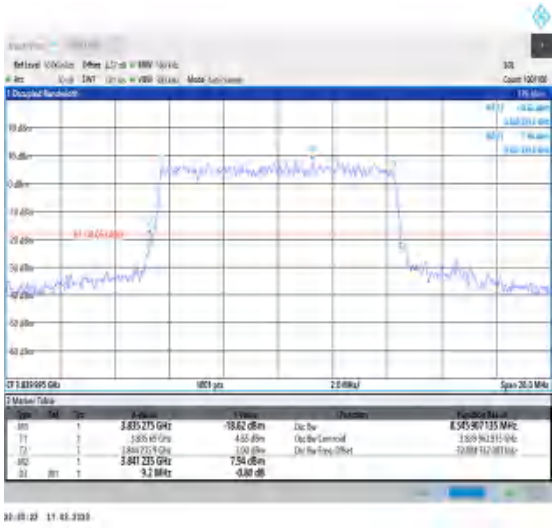

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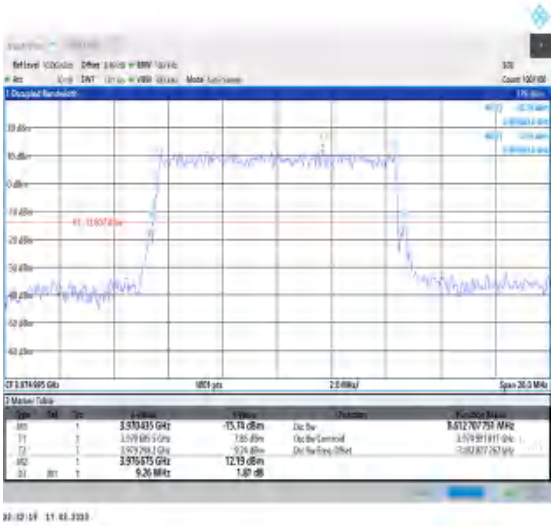
1-N77-3700-3980-30-10-M-9-CP-256QAM-Outer_Full-24@0-Ant0-8.536-9.220-≤10-PASS

1-N77-3700-3980-30-10-H-1-DFT-QPSK-Outer_Full-24@0-Ant0-8.578-9.180-≤10-PASS



1-N77-3700-3980-30-10-H-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0-8.613-9.260-≤10-PASS

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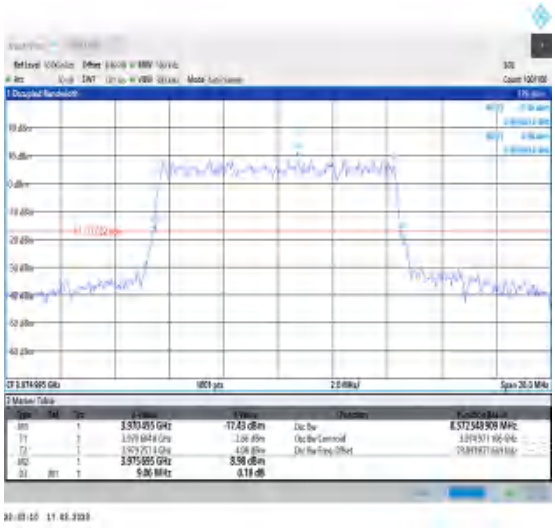
1-N77-3700-3980-30-10-H-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.593-9.220-≤10-PASS

1-N77-3700-3980-30-10-H-4-DFT-64QAM-Outer_Full-24@0-Ant0-8.573-9.180-≤10-PASS



1-N77-3700-3980-30-10-H-5-DFT-256QAM-Outer_Full-24@0-Ant0-8.573-9.060-≤10-PASS

1-N77-3700-3980-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant0-8.559-9.180-≤10-PASS

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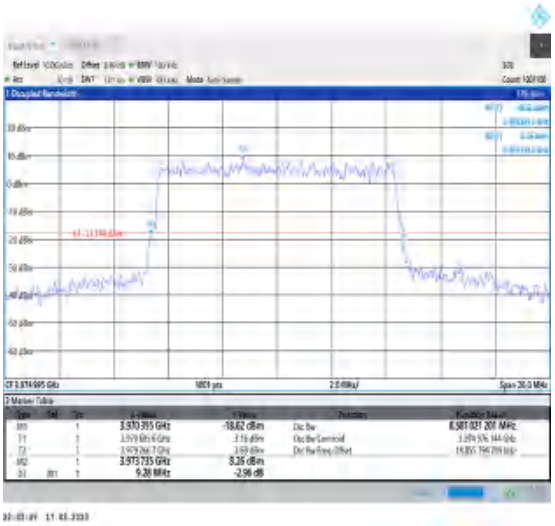
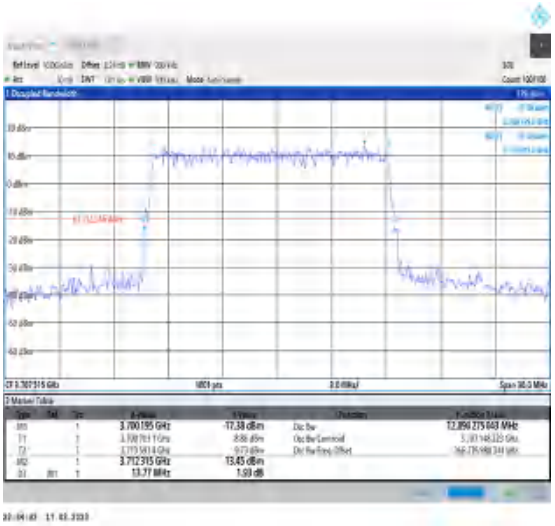


1-N77-3700-3980-30-10-H-8-CP-64QAM-Outer_Full-24@0-Ant0-8.581-9.280-≤10-PASS

1-N77-3700-3980-30-10-H-9-CP-256QAM-Outer_Full-24@0-Ant0-8.58-9.120-≤10-PASS



1-N77-3700-3980-30-15-L-1-DFT-QPSK-Outer_Full-36@0-Ant0-12.89-13.770-≤15-PASS

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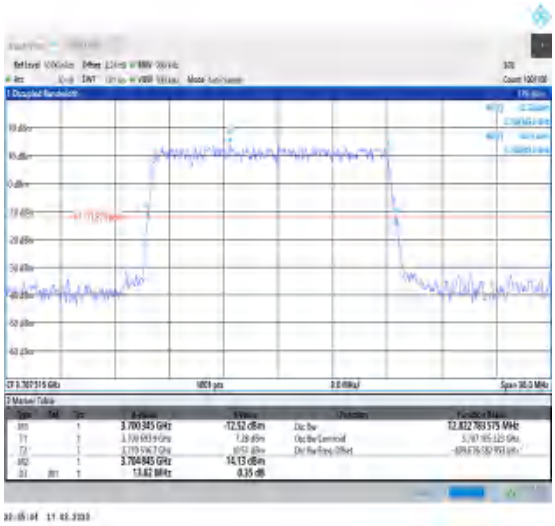

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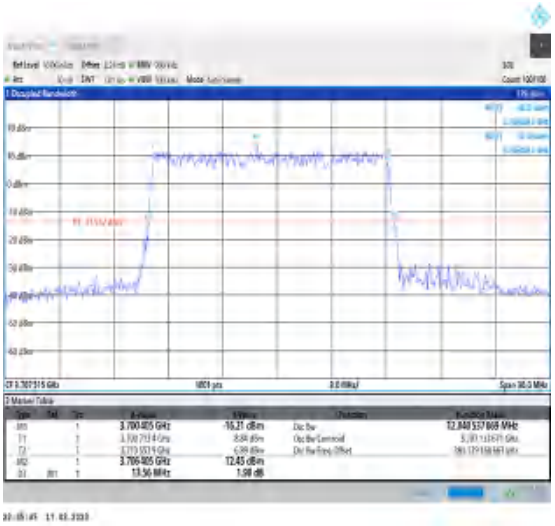

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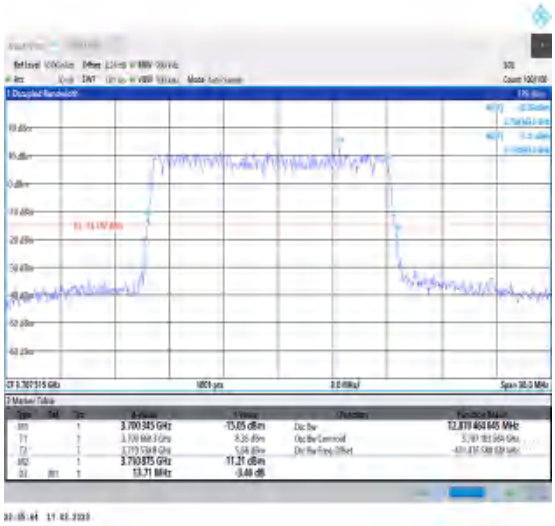

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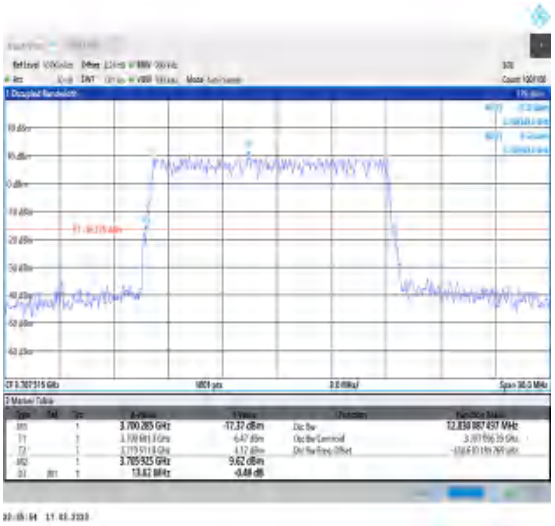

1-N77-3700-3980-30-15-L-5-DFT-256QAM-Outer_Full-36@0-Ant0-12.83-13.620-≤15-PASS

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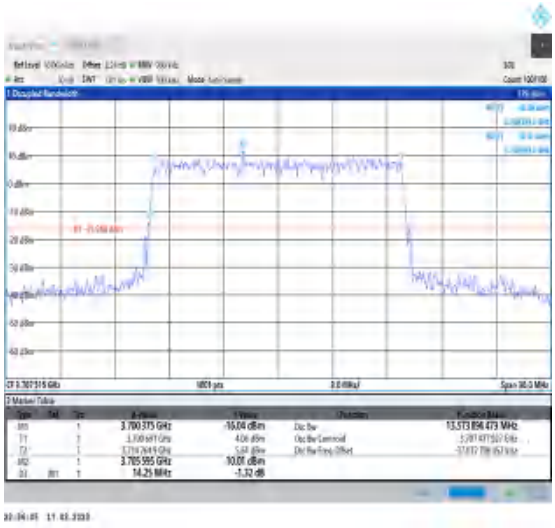

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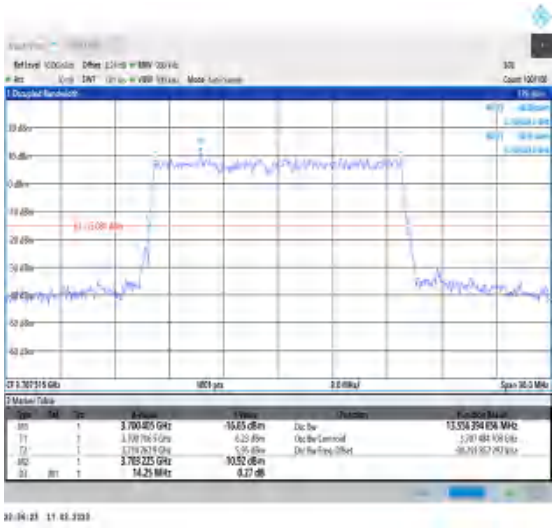
1-N77-3700-3980-30-15-L-7-CP-16QAM-Outer_Full-38@0-Ant0-13.59-14.280-≤15-PASS



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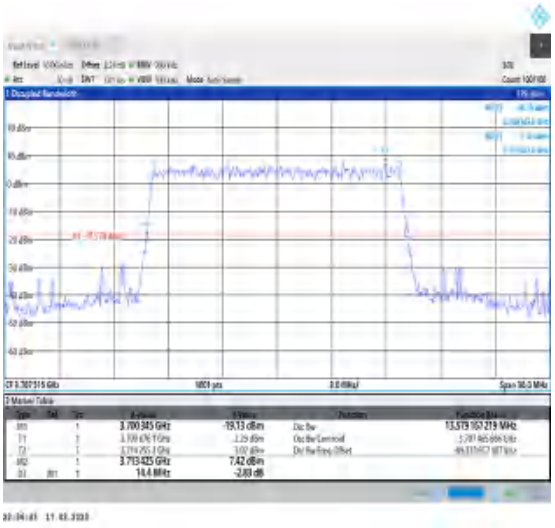

1-N77-3700-3980-30-15-L-9-CP-256QAM-Outer_Full-38@0-Ant0-13.579-14.400-≤15-PASS

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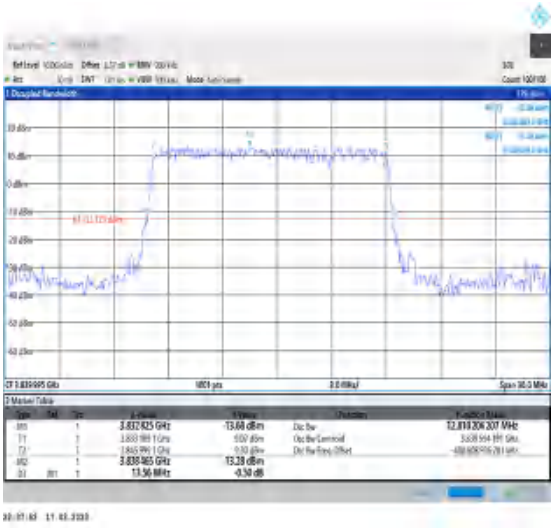

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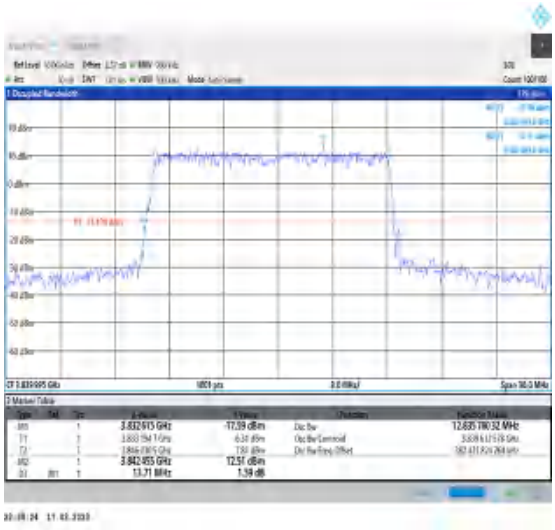

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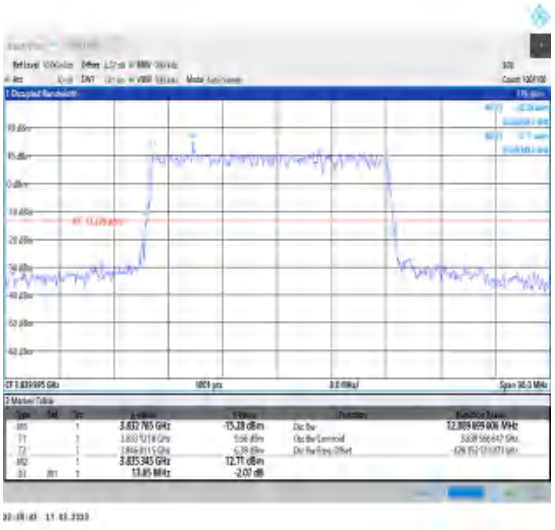

1-N77-3700-3980-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant0-12.89-13.650-≤15-PASS

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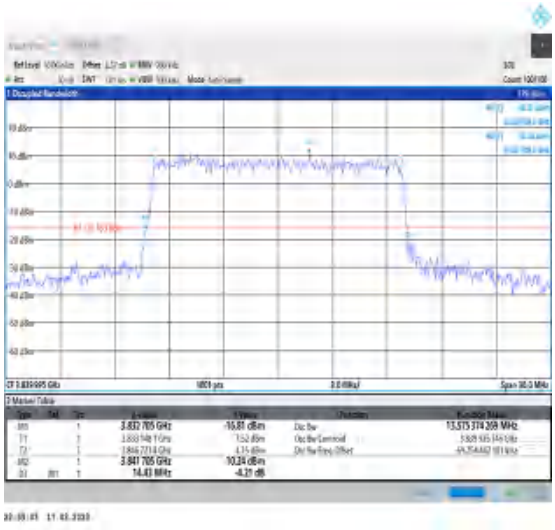
1-N77-3700-3980-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant0-12.859-13.830-≤15-PASS

1-N77-3700-3980-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant0-13.56-14.220-≤15-PASS



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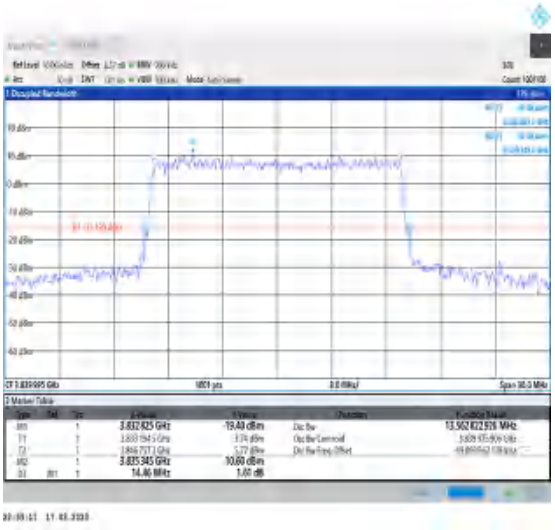

1-N77-3700-3980-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant0-13.563-14.460-≤15-PASS

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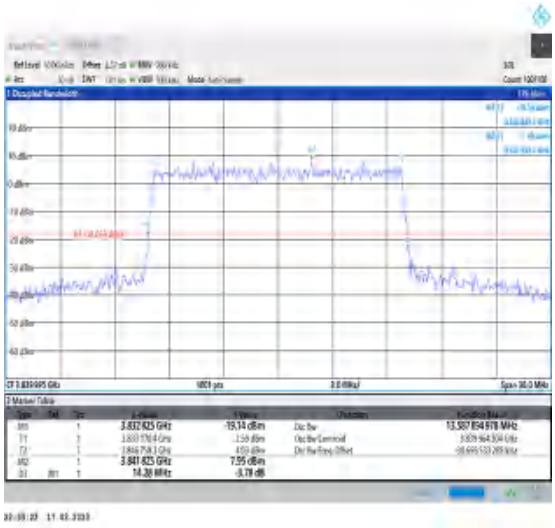

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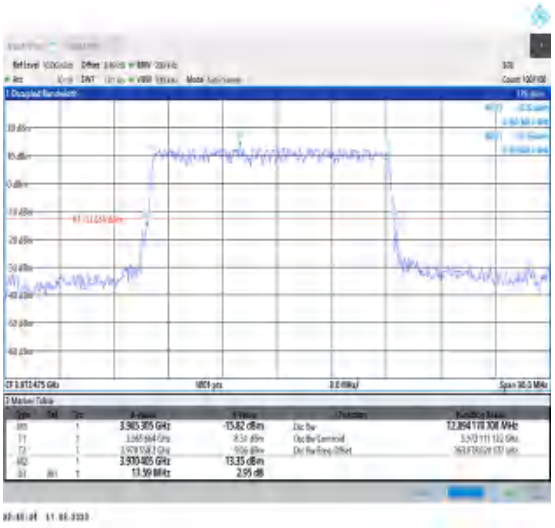

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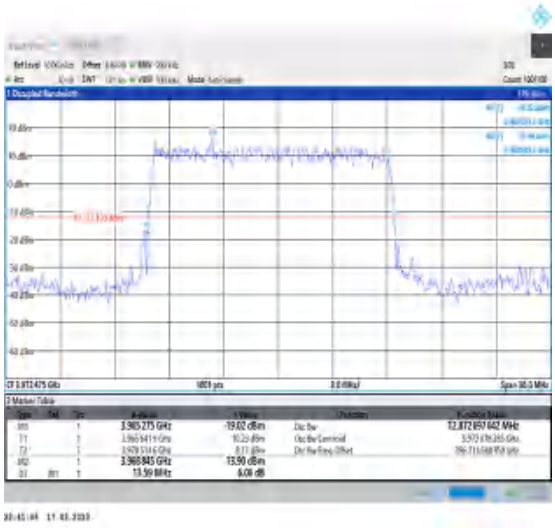

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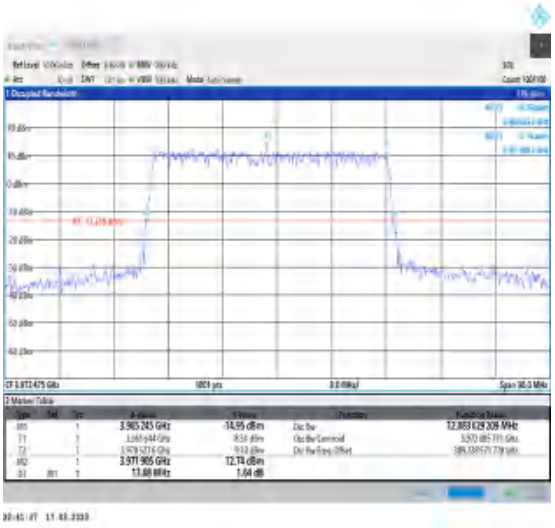

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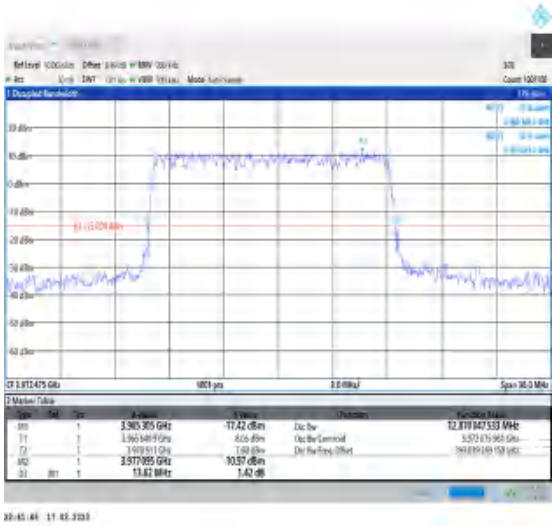

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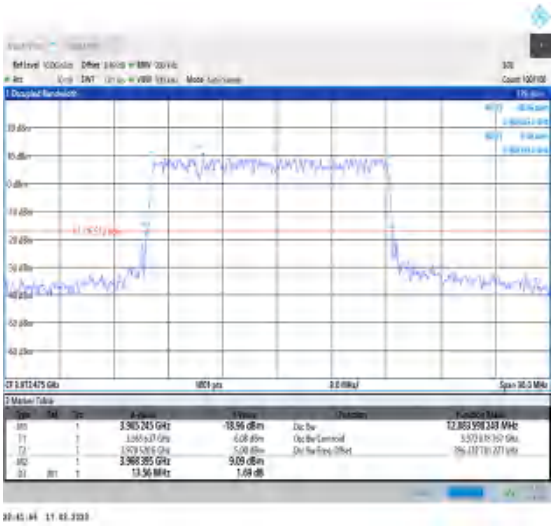

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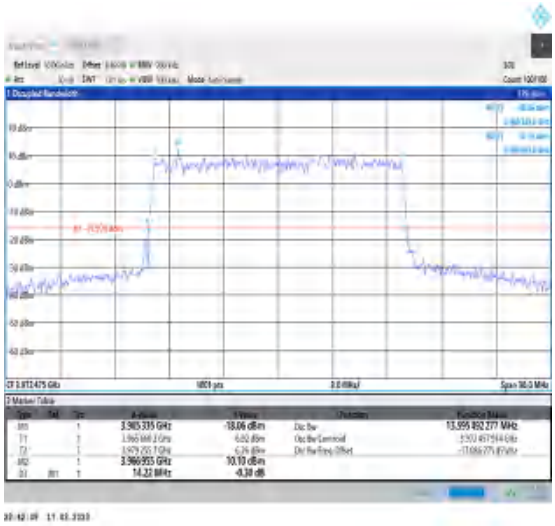

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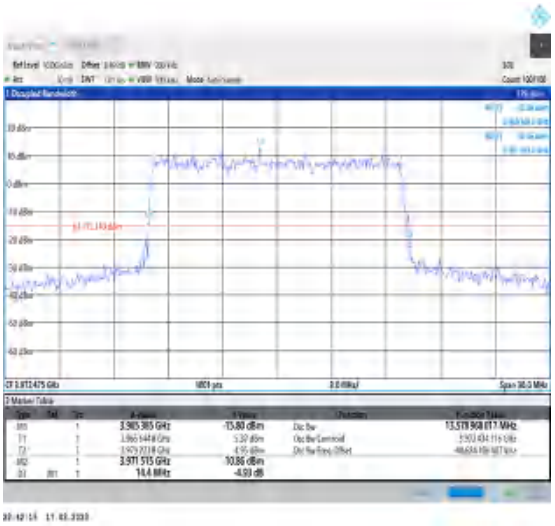

1-N77-3700-3980-30-15-H-7-CP-16QAM-Outer_Full-38@0-Ant0-13.579-14.400-≤15-PASS

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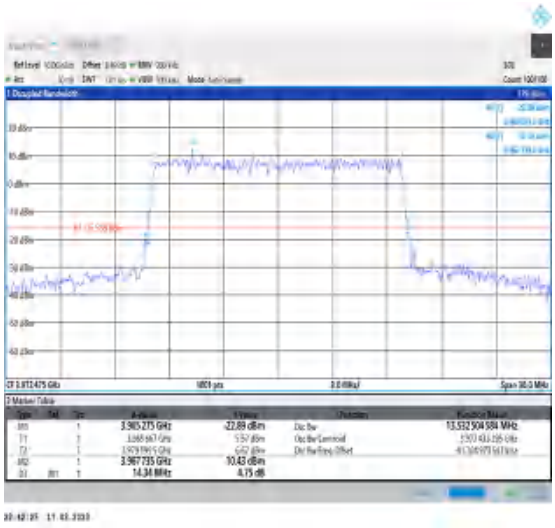

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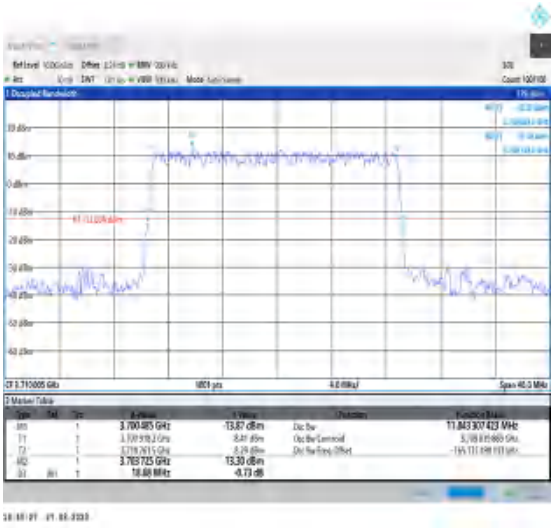

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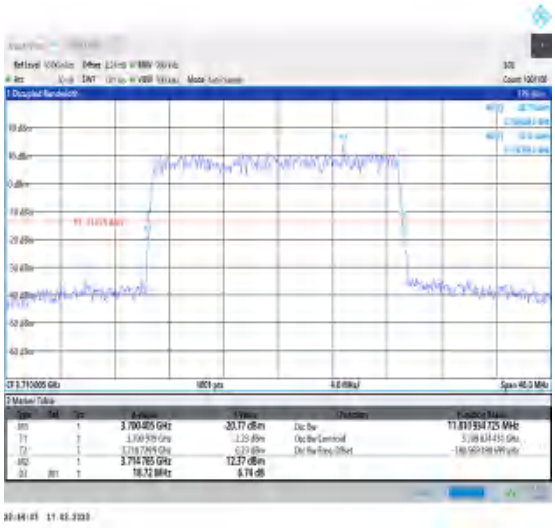

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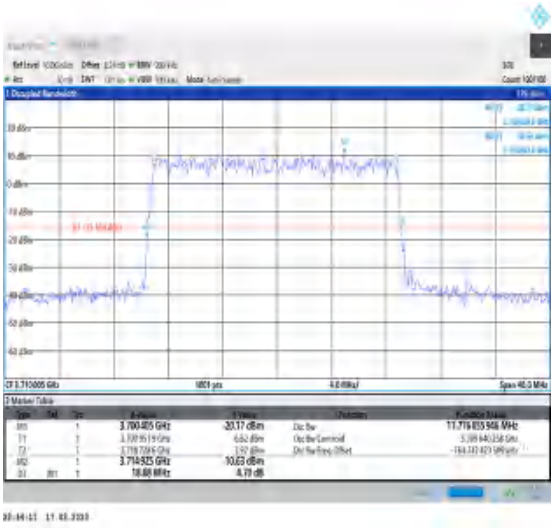

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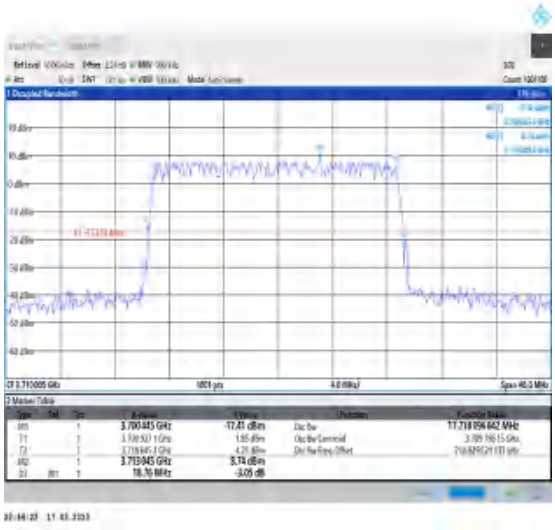

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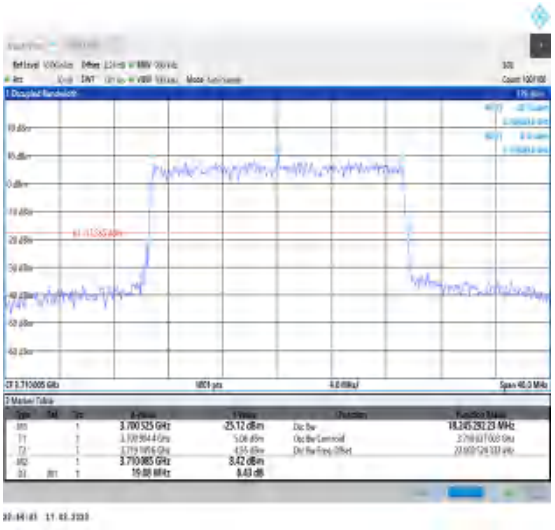

1-N77-3700-3980-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-18.245-19.080-≤20-PASS

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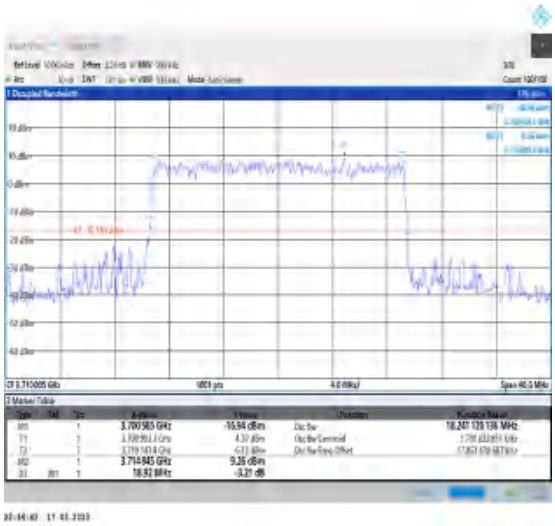

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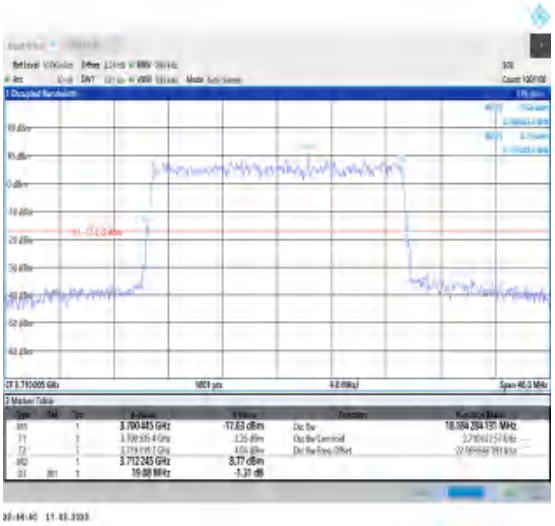

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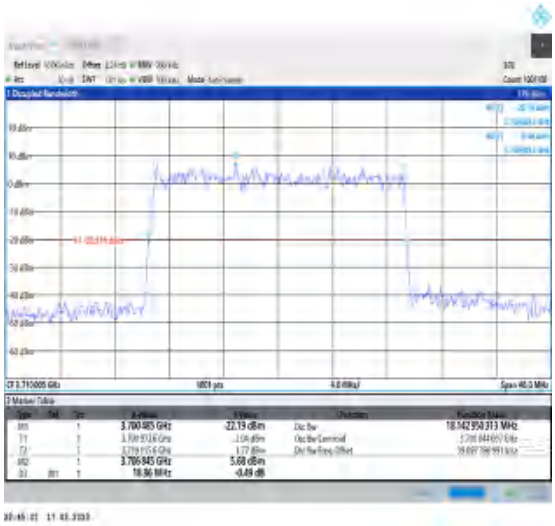

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1-N77-3700-3980-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant0-17.856-18.680-≤20-PASS

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1-N77-3700-3980-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant0-17.834-18.640-≤20-PASS

1-N77-3700-3980-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant0-17.636-18.640-≤20-PASS

1-N77-3700-3980-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant0-17.845-18.720-≤20-PASS

1-N77-3700-3980-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant0-17.824-18.720-≤20-PASS

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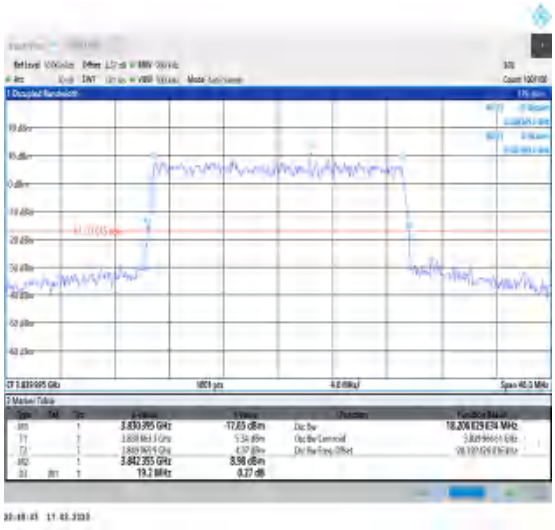

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1-N77-3700-3980-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant0-18.129-19.160-≤20-PASS

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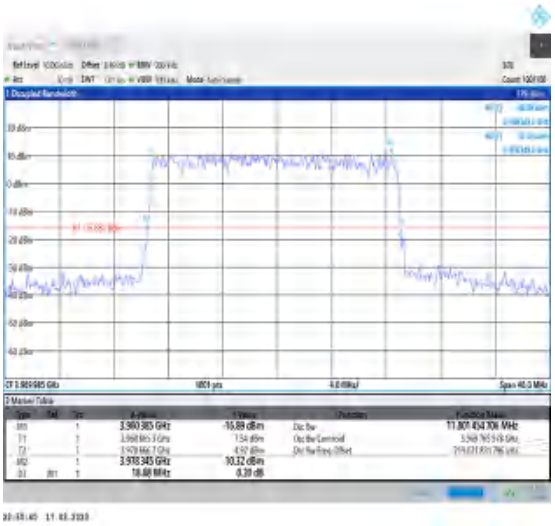

1-N77-3700-3980-30-20-H-4-DFT-64QAM-Outer_Full-50@0-Ant0-17.801-18.680-≤20-PASS

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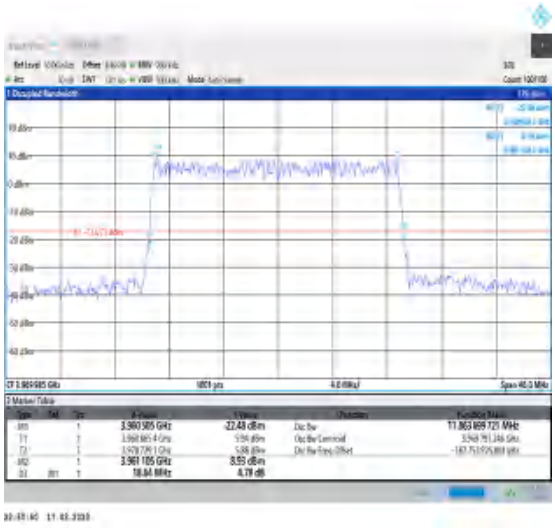	
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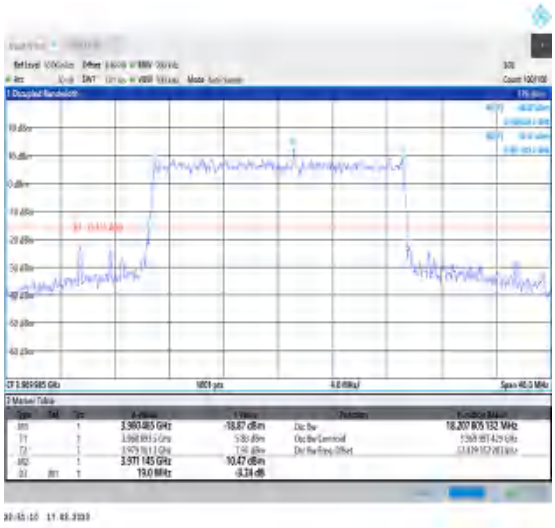	
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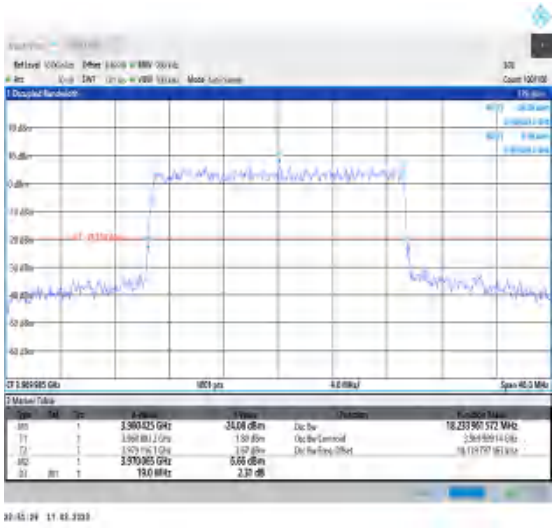

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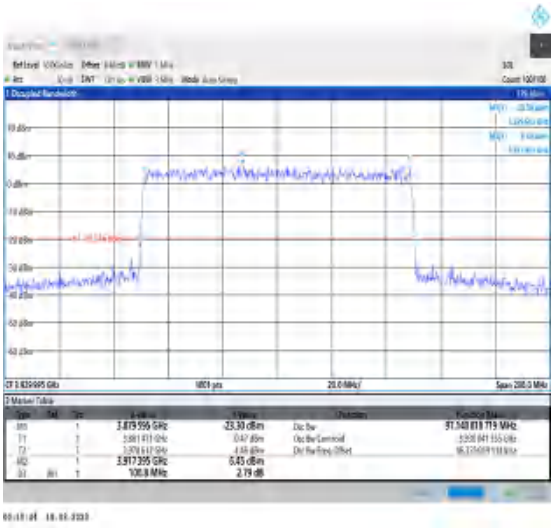

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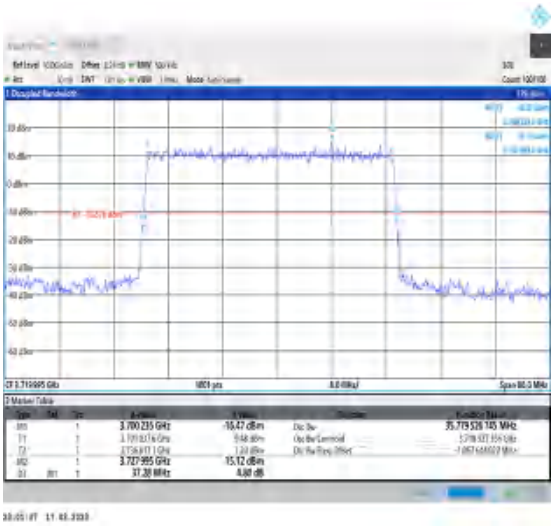

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1-N77-3700-3980-30-40-L-4-DFT-64QAM-Outer_Full-100@0-Ant0-35.805-37.280-≤40-PASS

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1-N77-3700-3980-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-37.831-39.360-≤40-PASS

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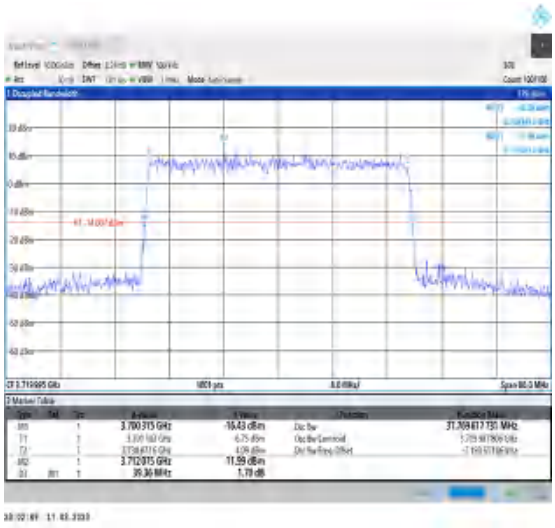	
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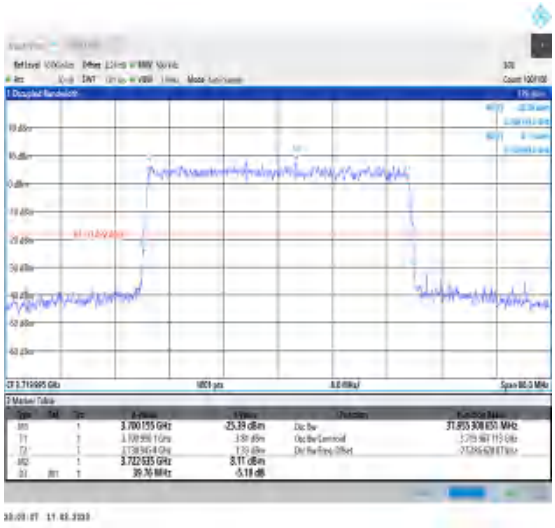	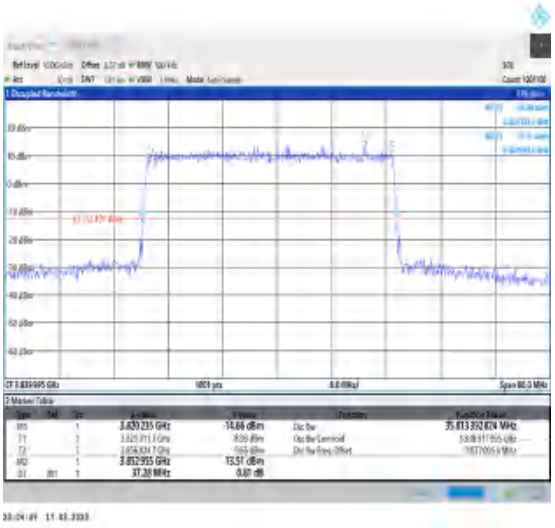
1-N77-3700-3980-30-40-L-9-CP-256QAM-Outer_Full-106@0-Ant0-37.955-39.760-≤40-PASS	1-N77-3700-3980-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant0-35.813-37.280-≤40-PASS

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1-N77-3700-3980-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant0-35.73-37.360-≤40-PASS

1-N77-3700-3980-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant0-35.828-37.360-≤40-PASS

1-N77-3700-3980-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant0-35.684-37.440-≤40-PASS

1-N77-3700-3980-30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant0-35.889-37.280-≤40-PASS

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1-N77-3700-3980-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant0-37.851-39.360-≤40-PASS

1-N77-3700-3980-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant0-37.828-39.520-≤40-PASS

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1-N77-3700-3980-30-40-H-1-DFT-QPSK-Outer_Full-100@0-Ant0-35.791-37.360-≤40-PASS

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1-N77-3700-3980-30-40-H-4-DFT-64QAM-Outer_Full-100@0-Ant0-35.848-37.520-≤40-PASS

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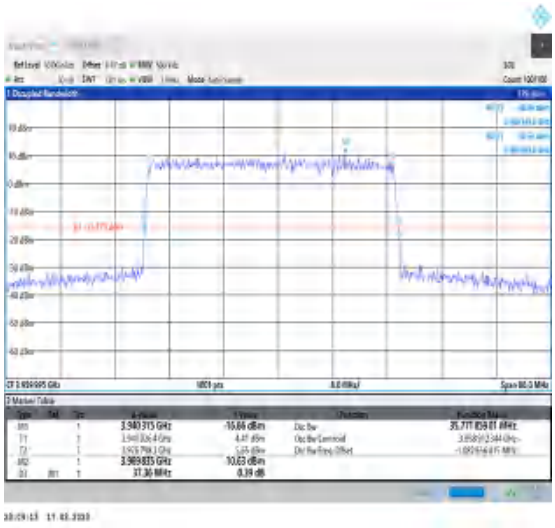

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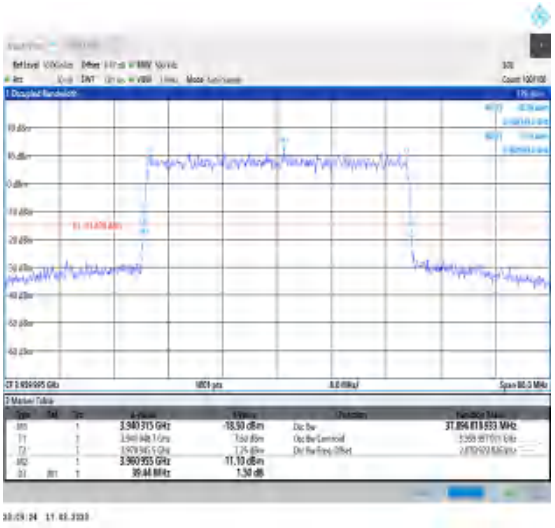

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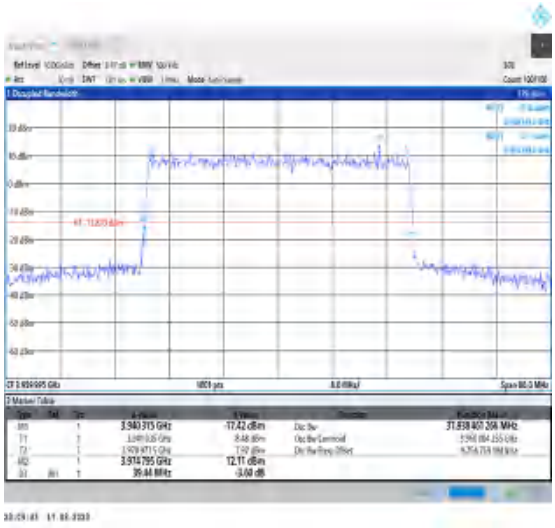

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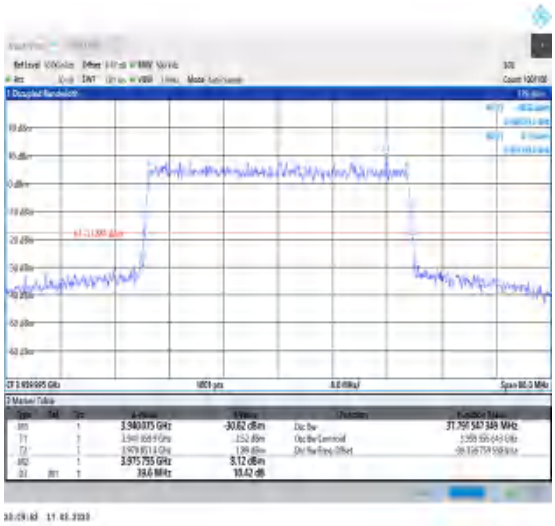

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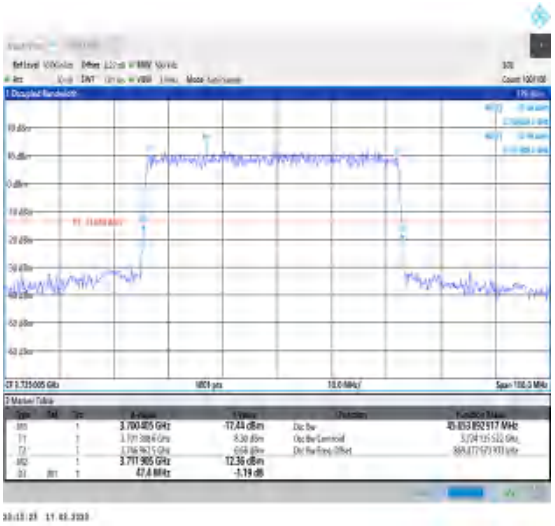

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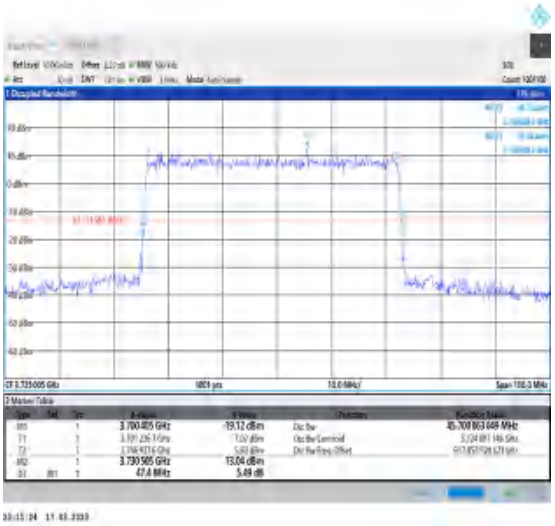

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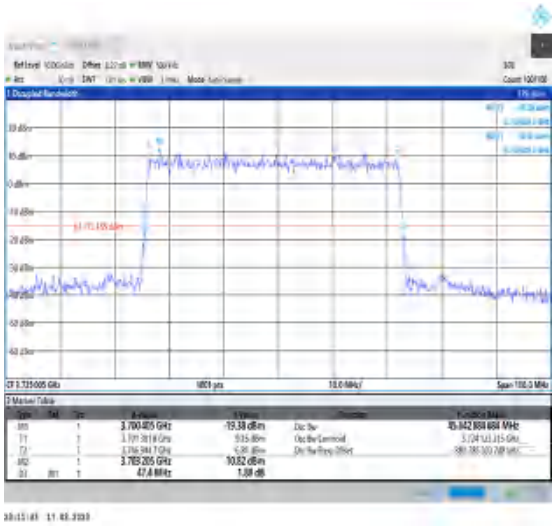

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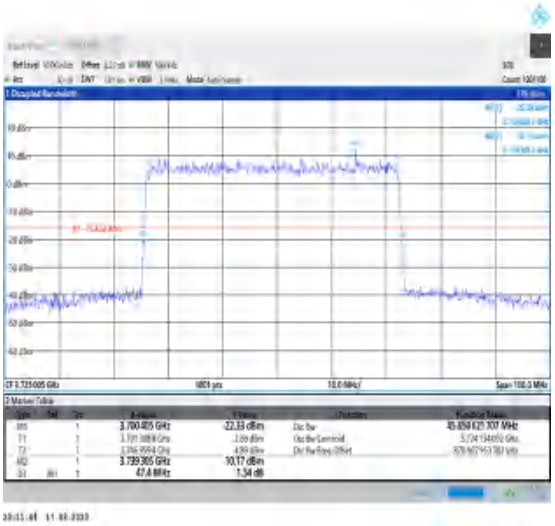

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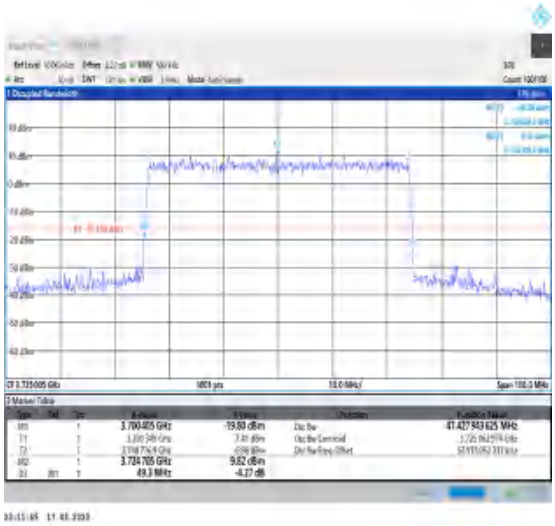

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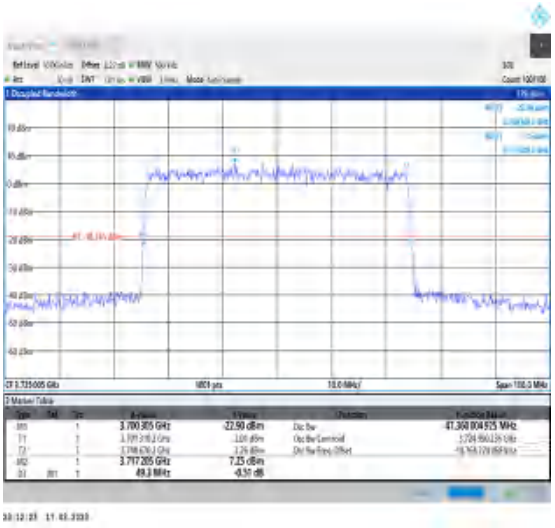

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1-N77-3700-3980-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant0-45.59-47.600-≤50-PASS

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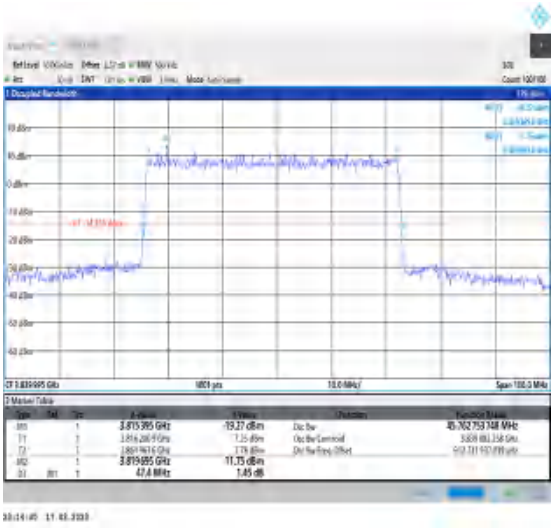

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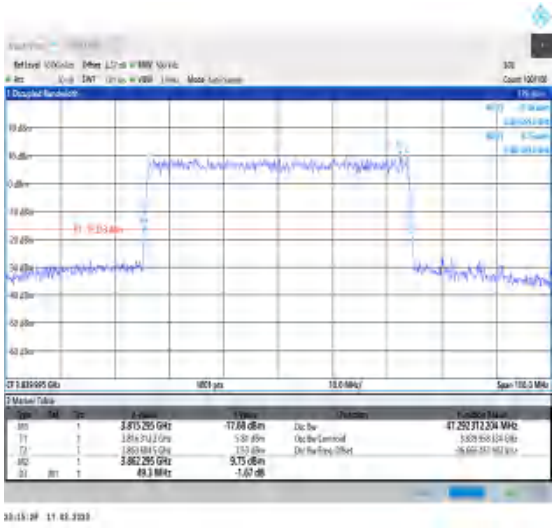	
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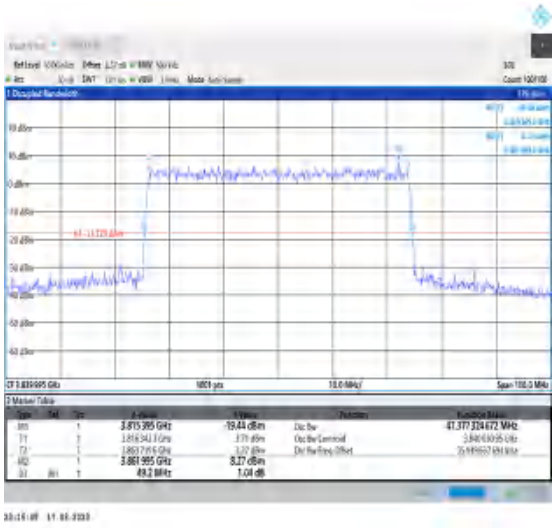	
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1-N77-3700-3980-30-50-H-2-DFT-PI2BPSK-Outer_Full-128@0-Ant0-45.739-47.400-≤50-PASS

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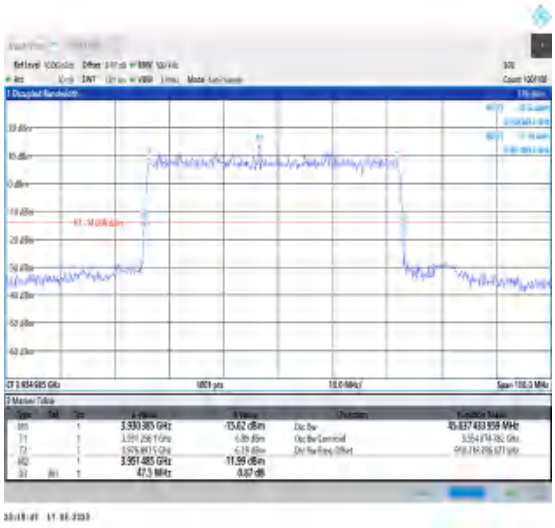

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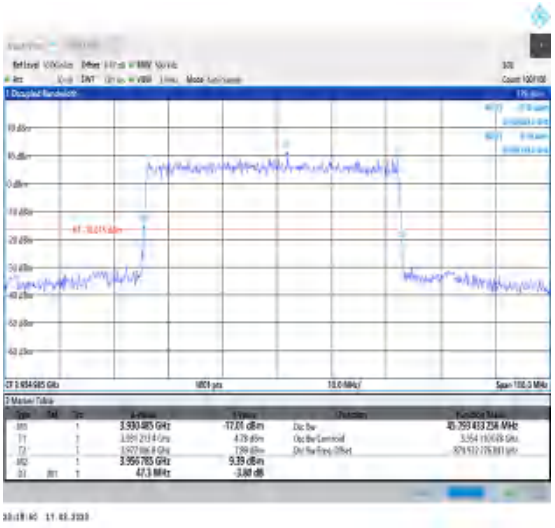

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1-N77-3700-3980-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant0-47.547-49.300-≤50-PASS

1-N77-3700-3980-30-50-H-7-CP-16QAM-Outer_Full-133@0-Ant0-47.395-49.200-≤50-PASS

1-N77-3700-3980-30-50-H-8-CP-64QAM-Outer_Full-133@0-Ant0-47.427-49.500-≤50-PASS

1-N77-3700-3980-30-50-H-9-CP-256QAM-Outer_Full-133@0-Ant0-47.364-49.100-≤50-PASS

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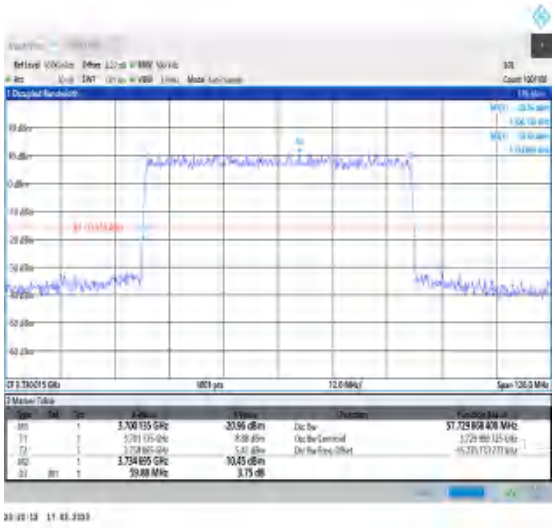

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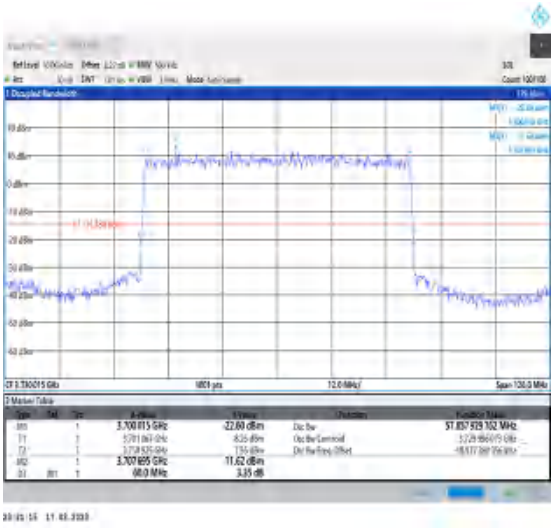

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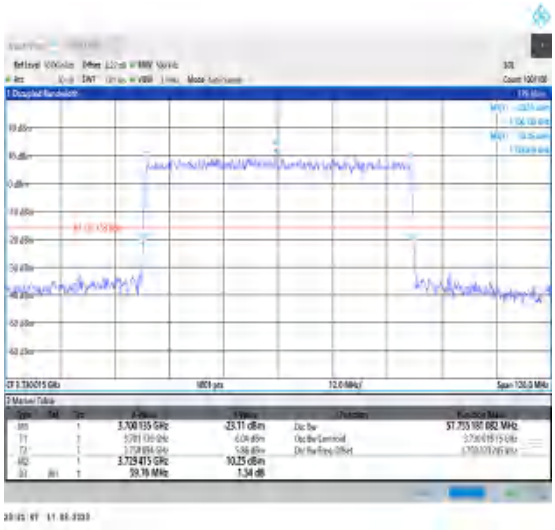

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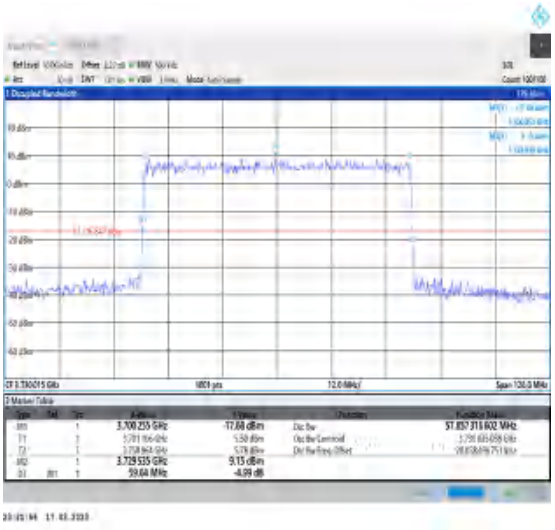

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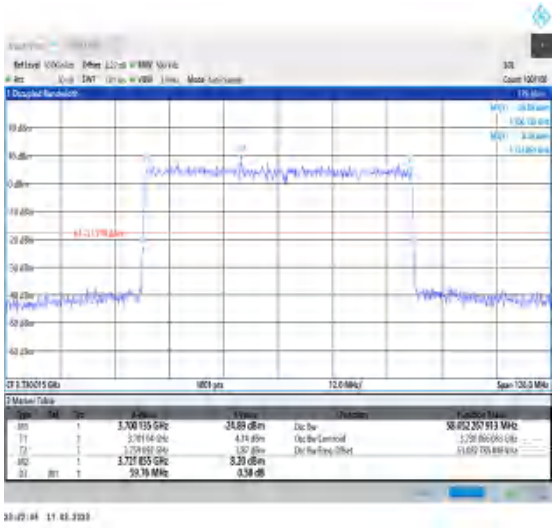

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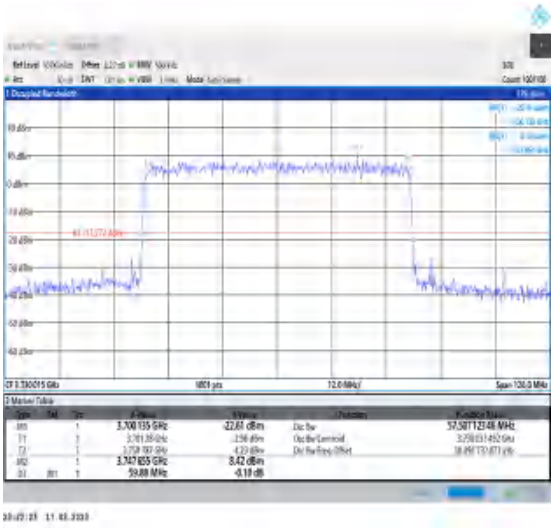

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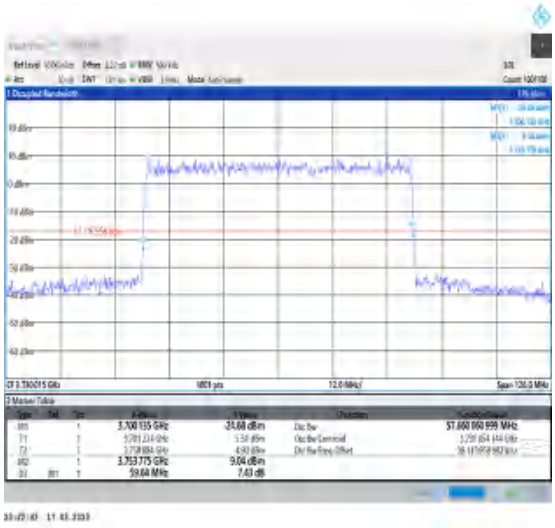

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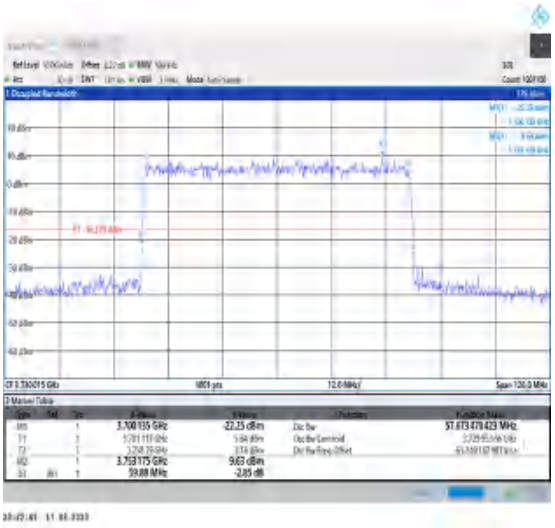

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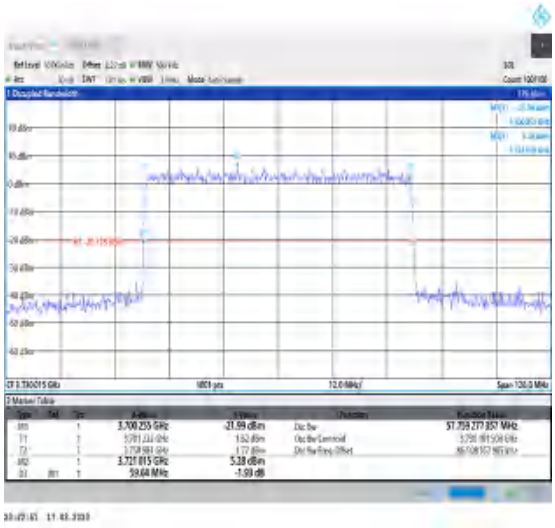

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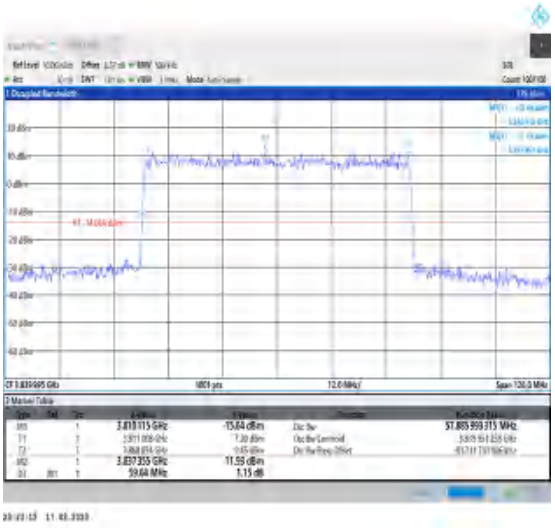

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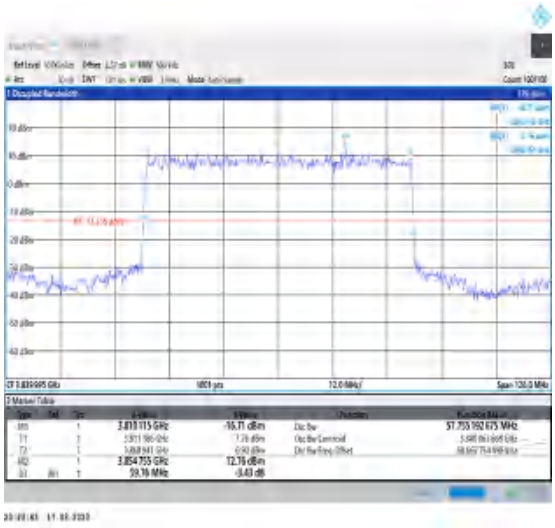

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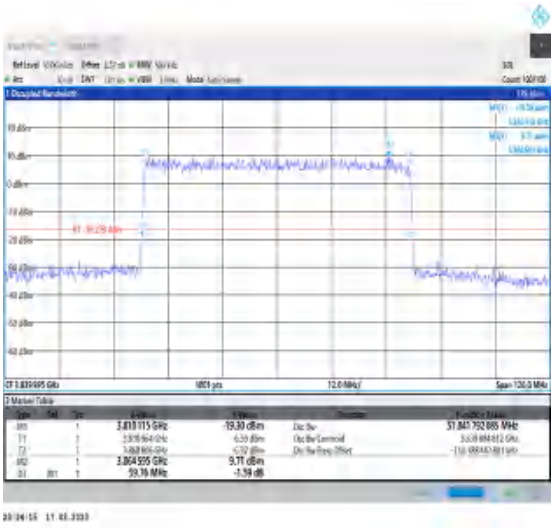

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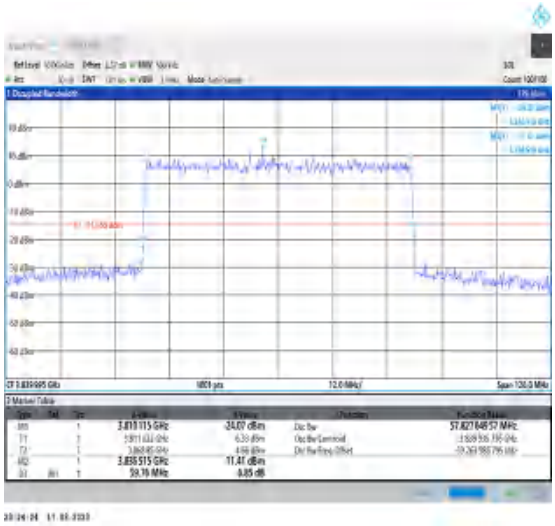	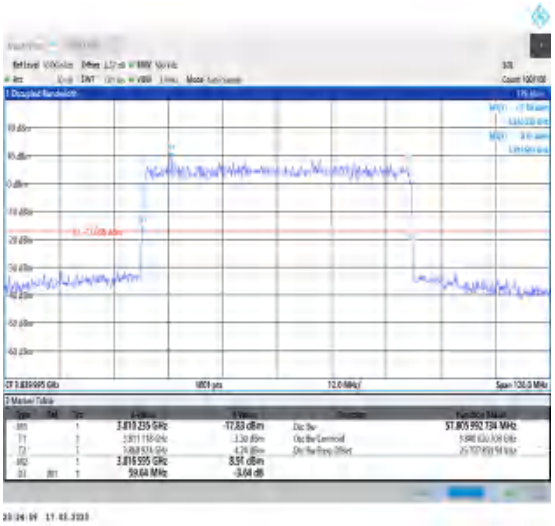
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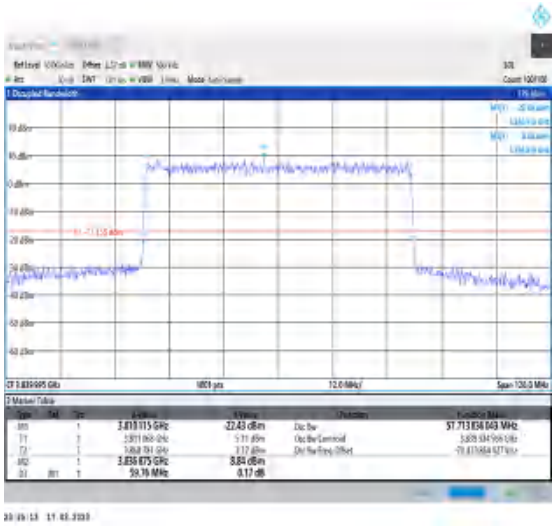	
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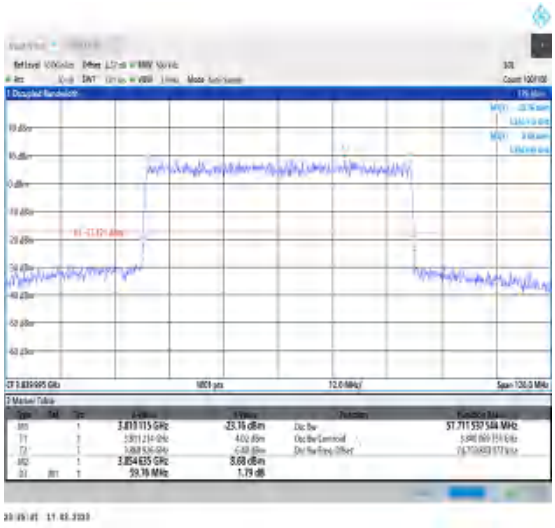

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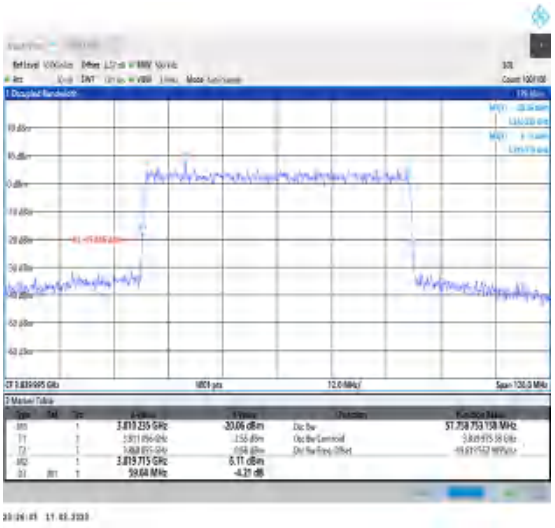

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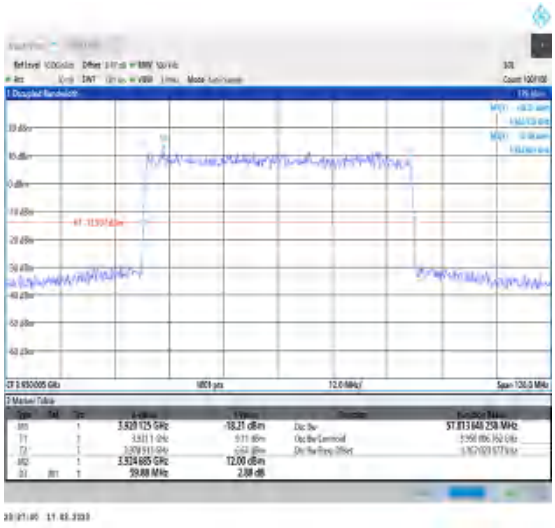

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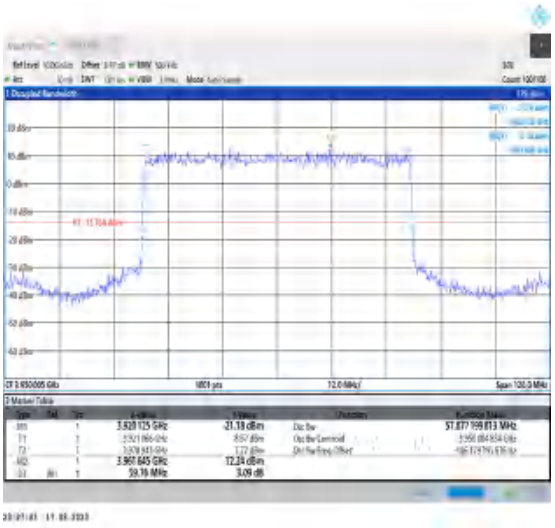

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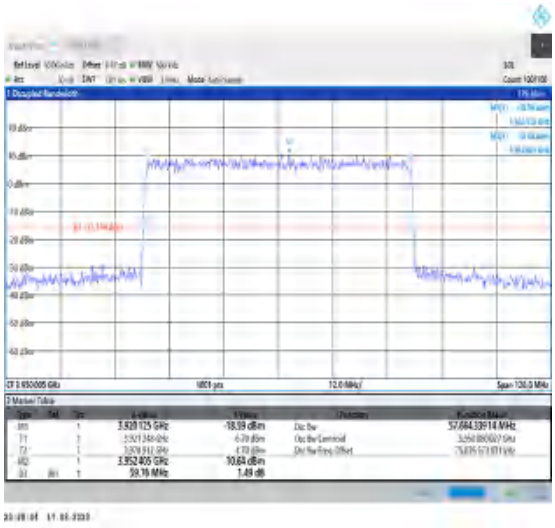

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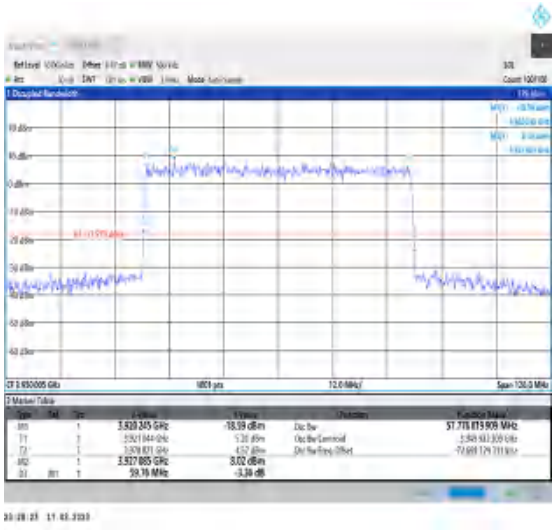

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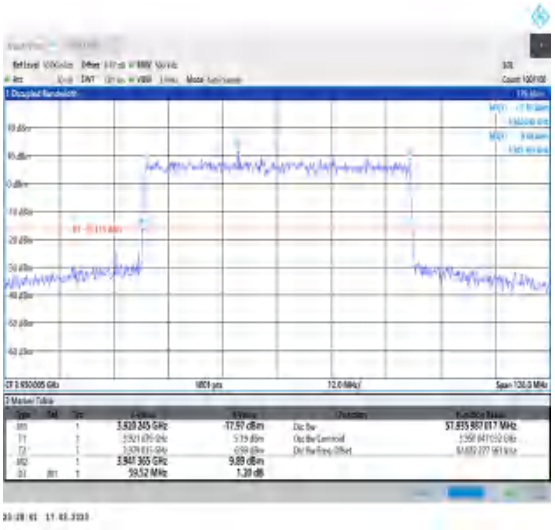

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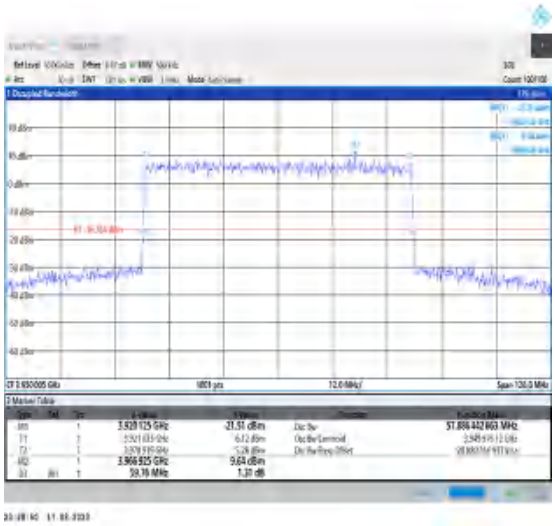	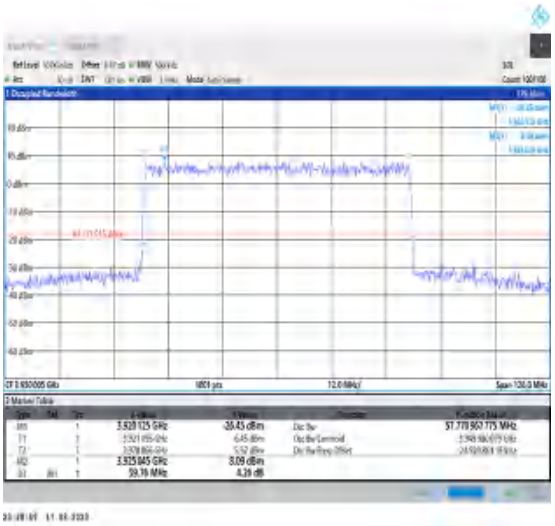
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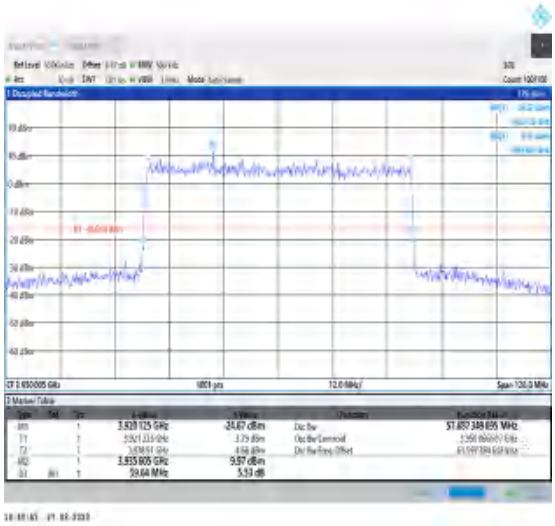	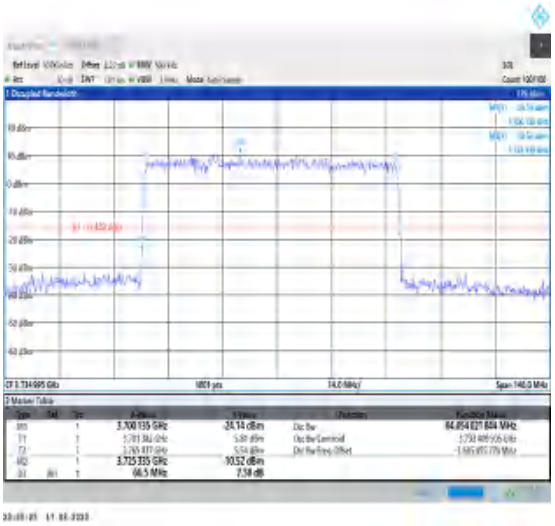
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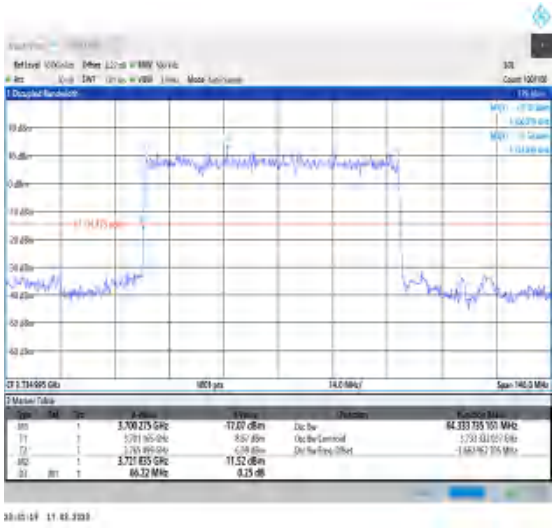

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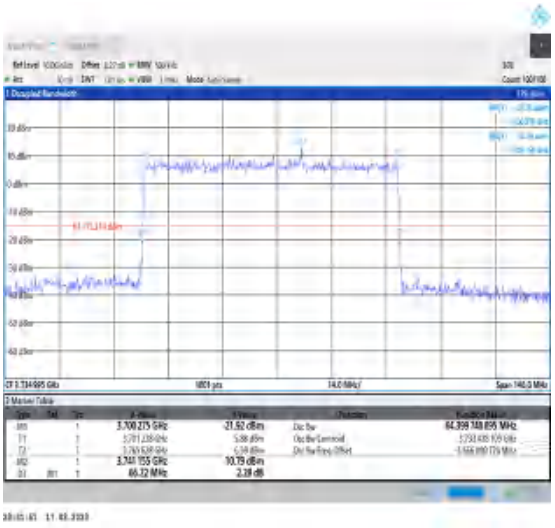

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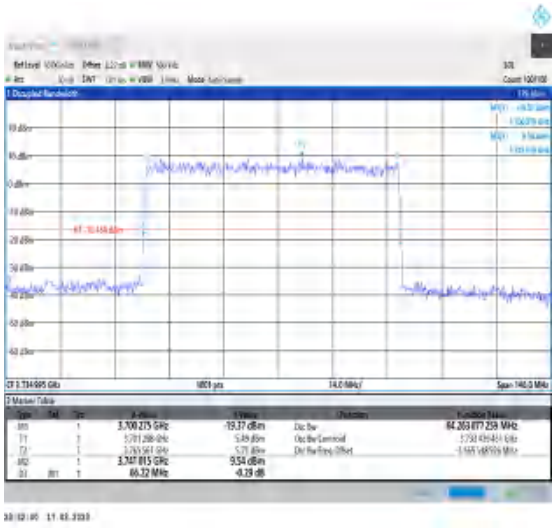

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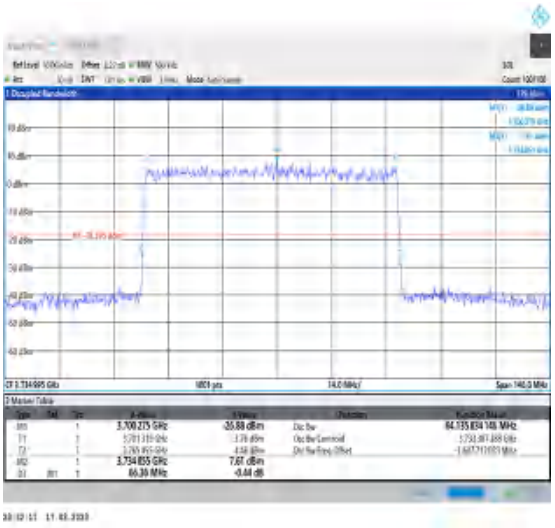

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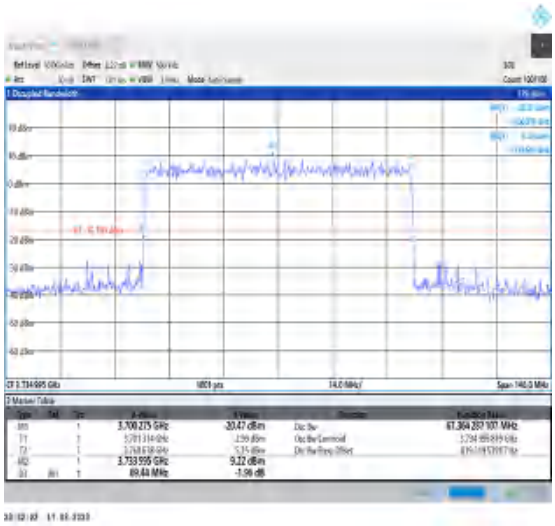

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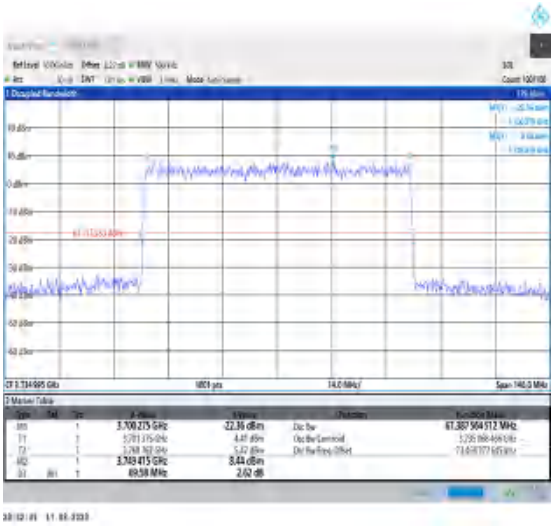

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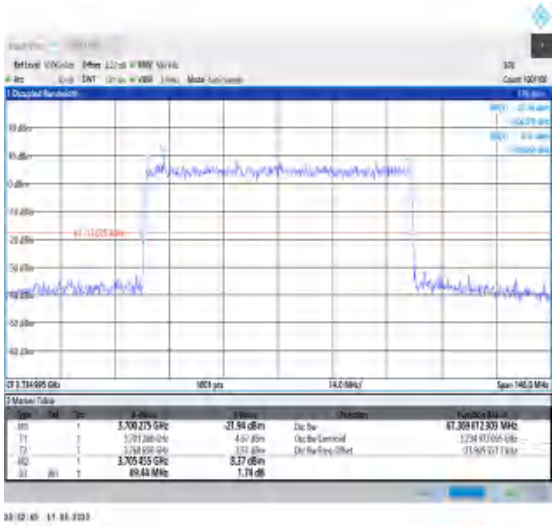

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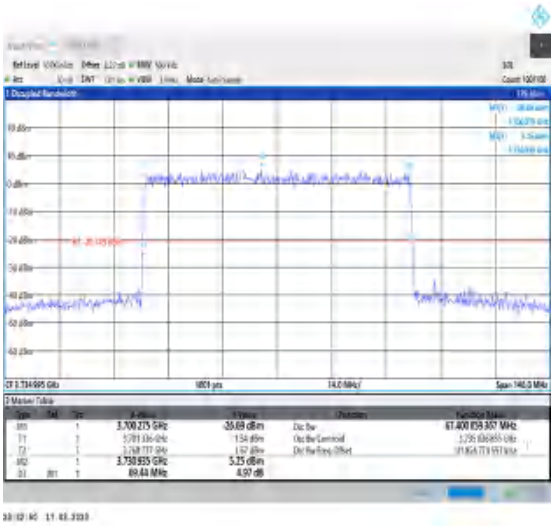

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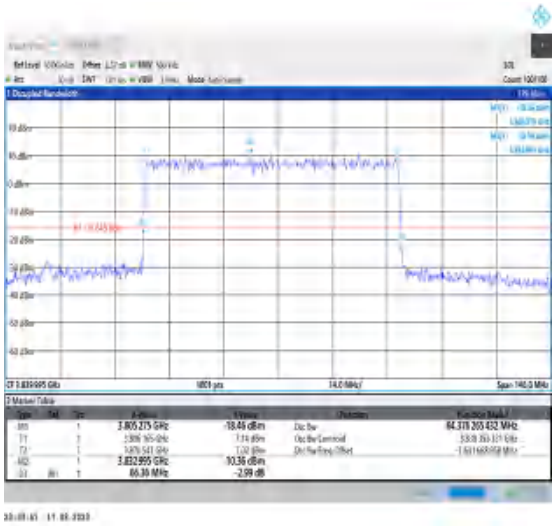

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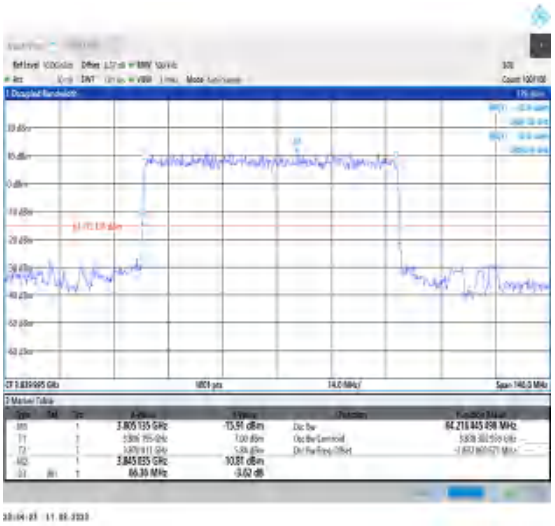

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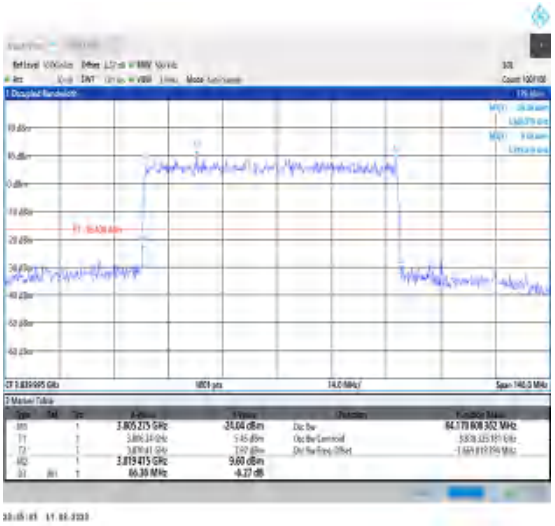

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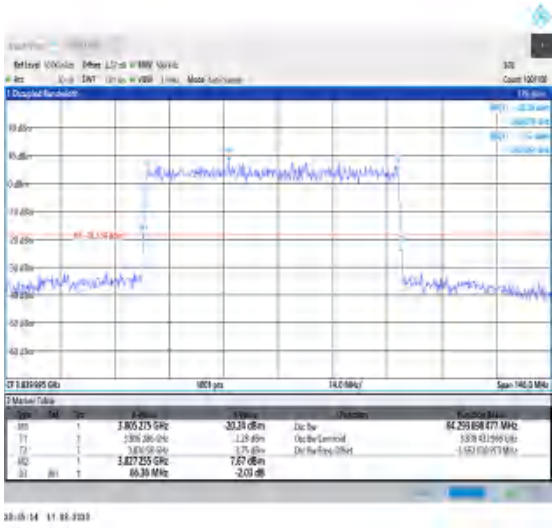	
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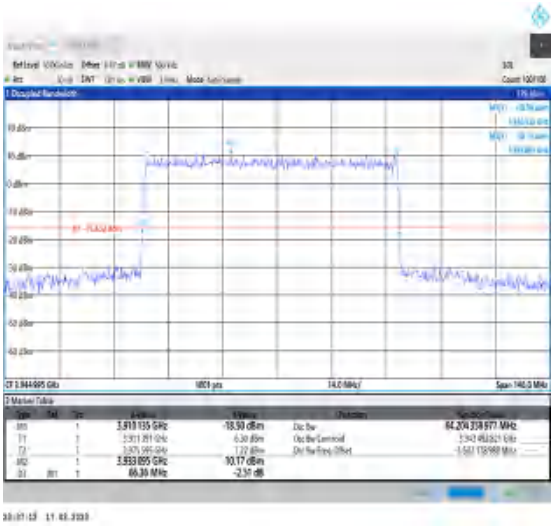

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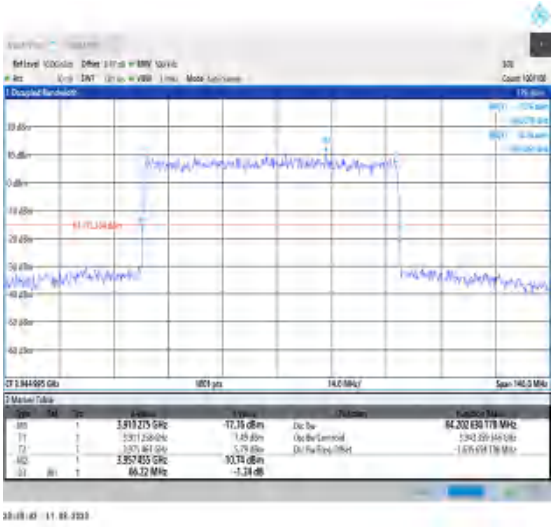

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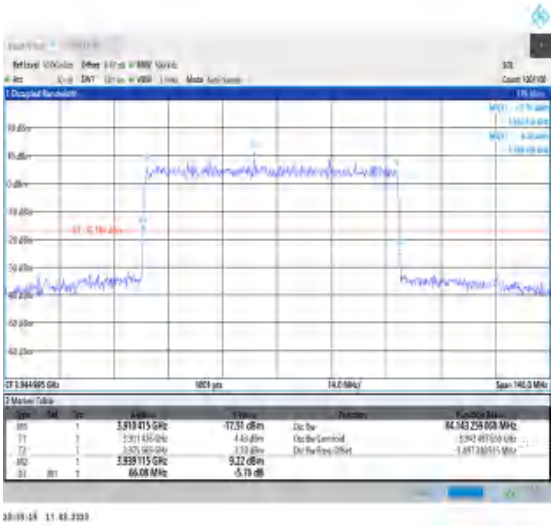

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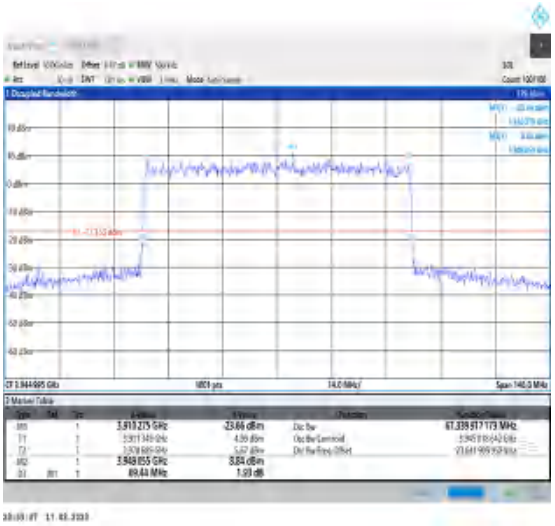

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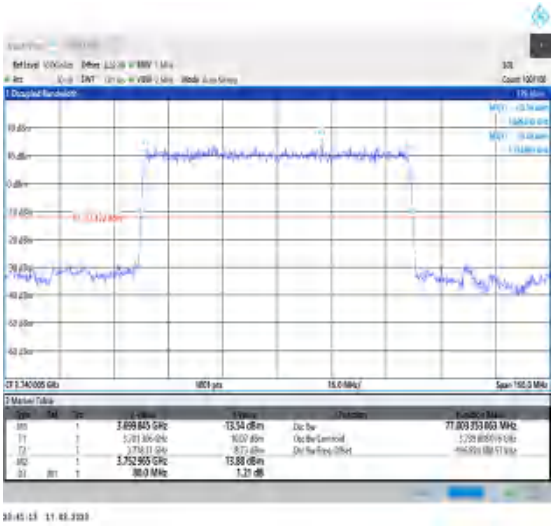
1-N77-3700-3980-30-70-H-8-CP-64QAM-Outer_Full-189@0-Ant0-67.338-69.440-≤70-PASS	1-N77-3700-3980-30-70-H-9-CP-256QAM-Outer_Full-189@0-Ant0-67.372-69.580-≤70-PASS
	
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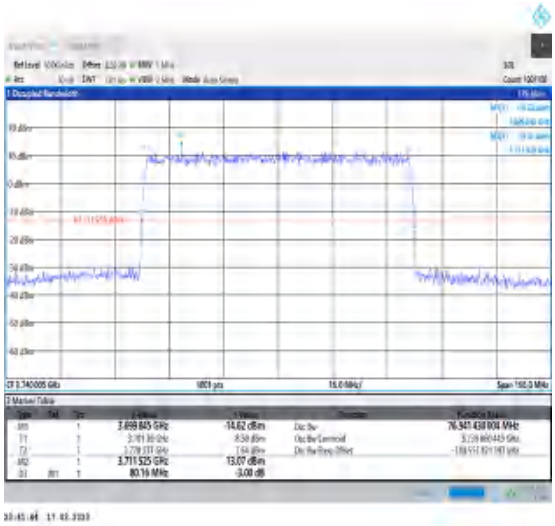	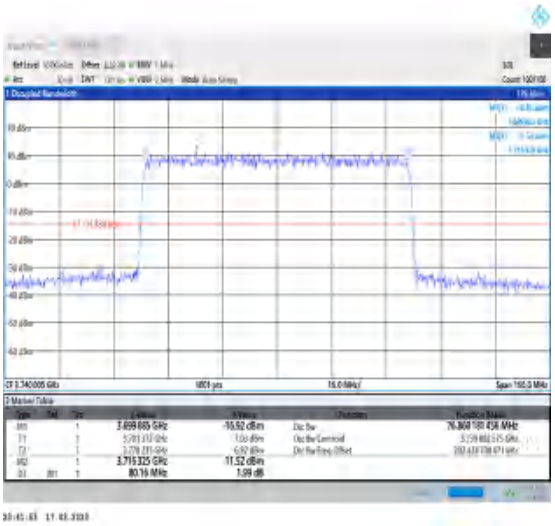
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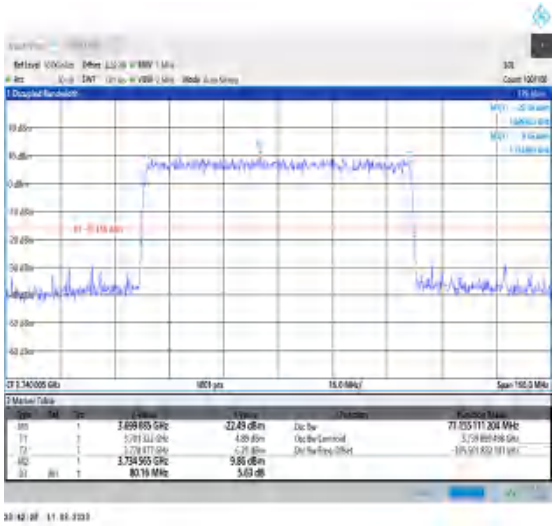	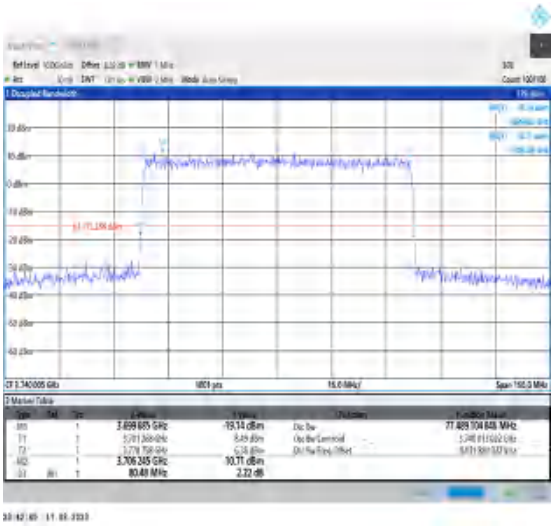
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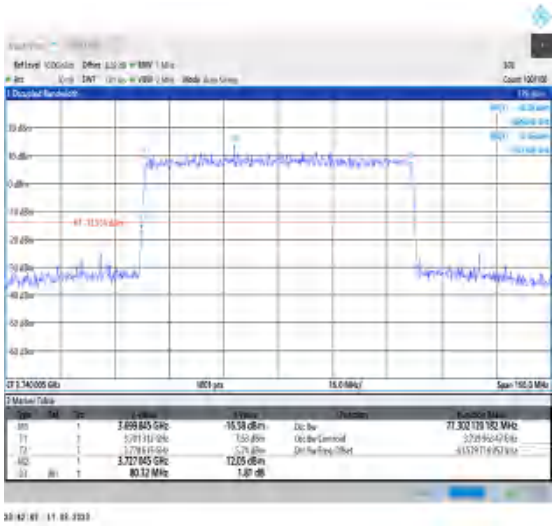	
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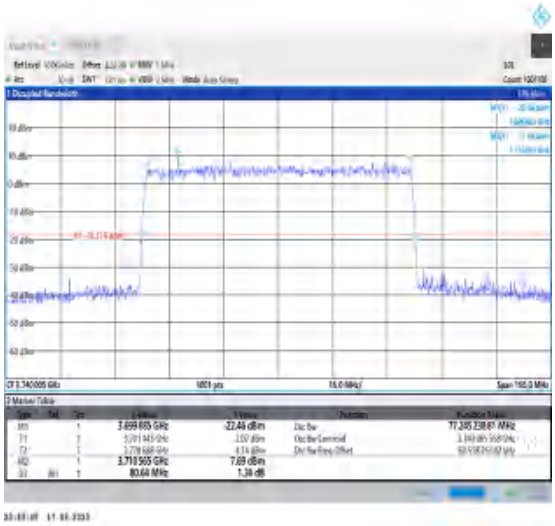	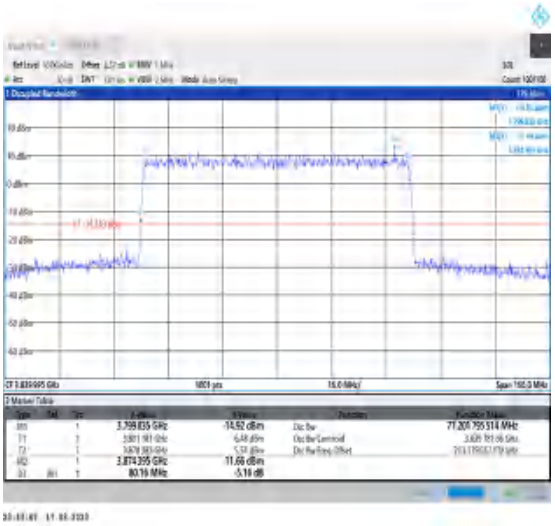
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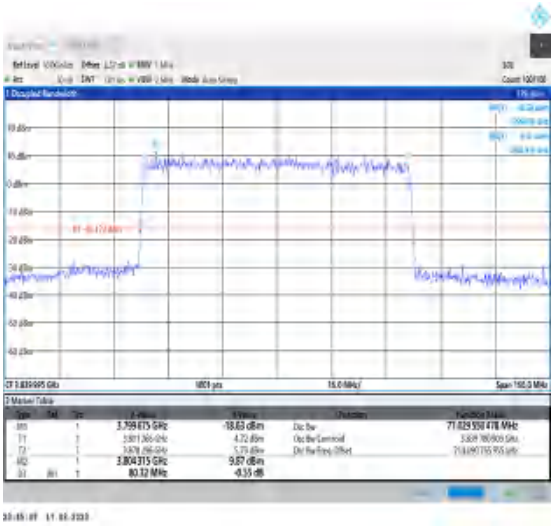

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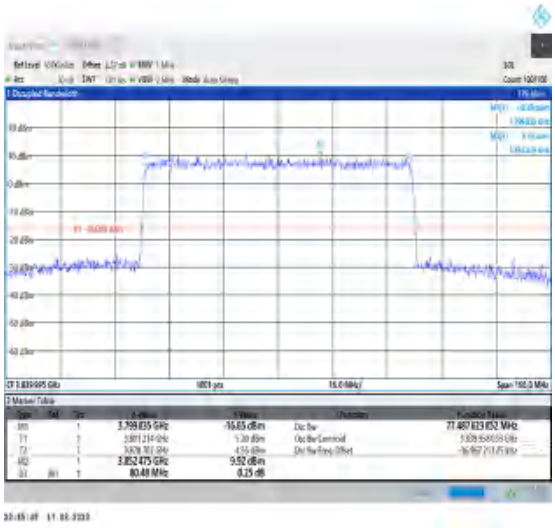	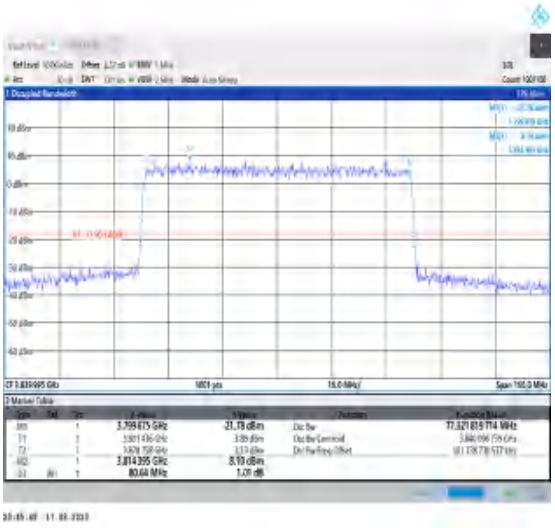
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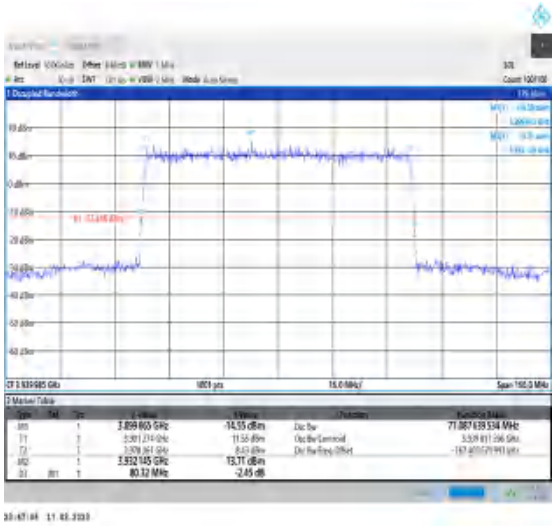

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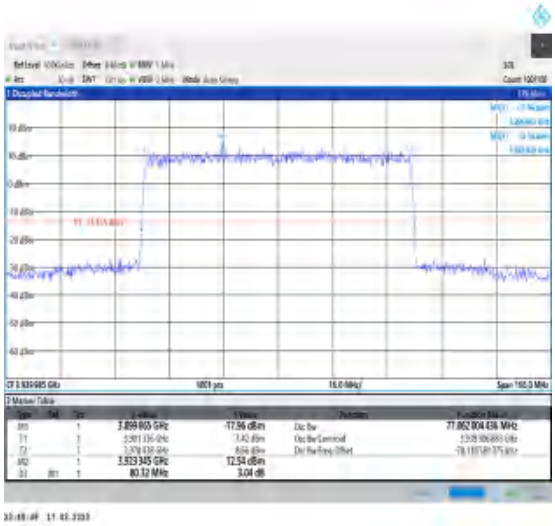

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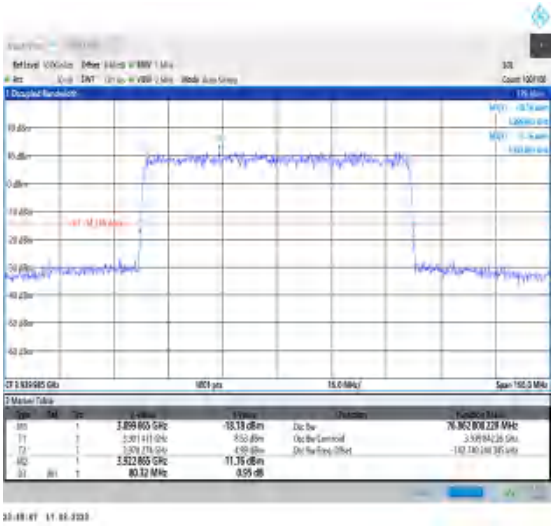

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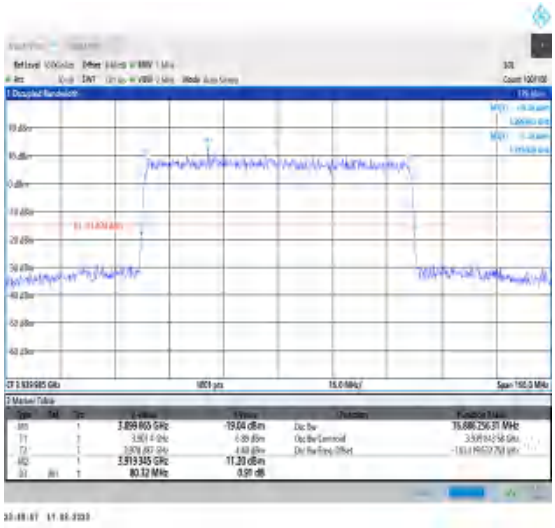	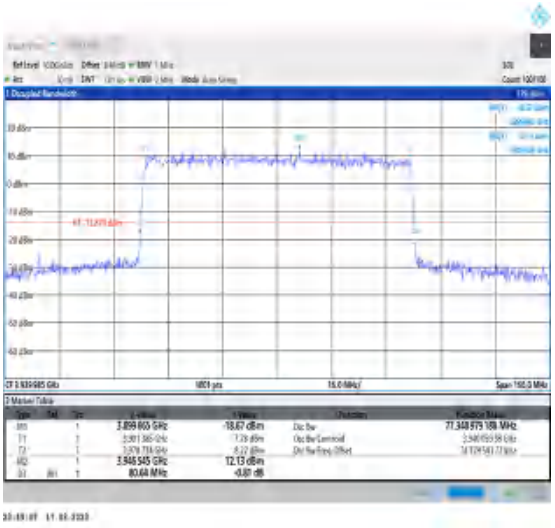
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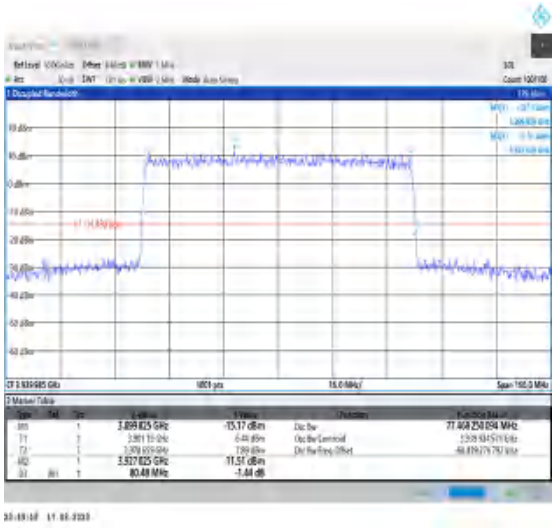	
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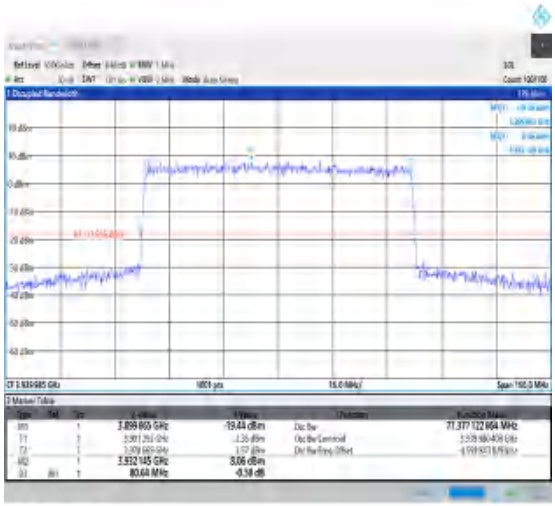

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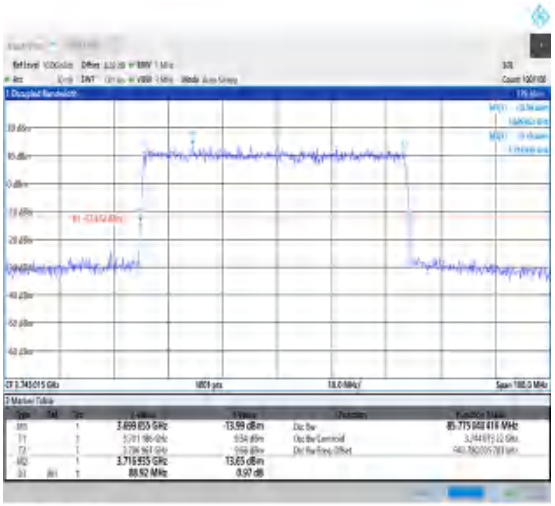

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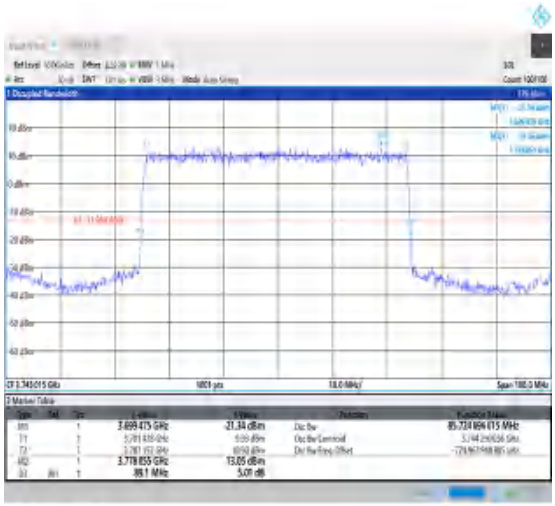

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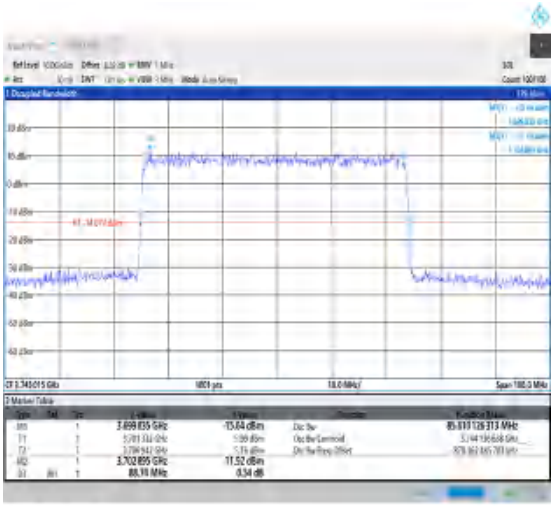

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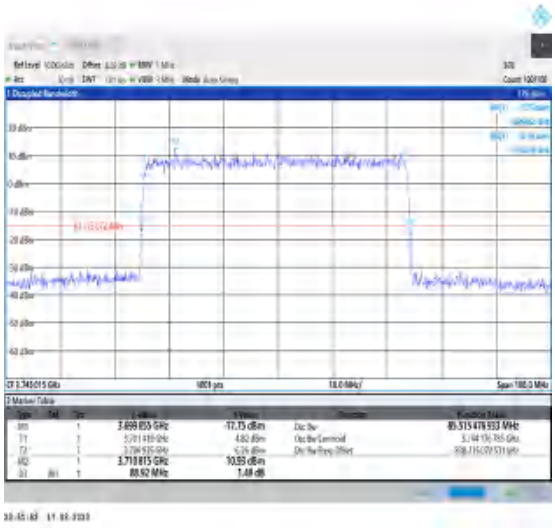

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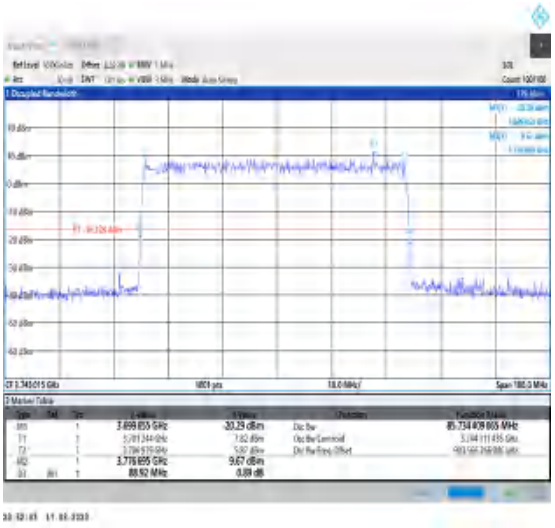

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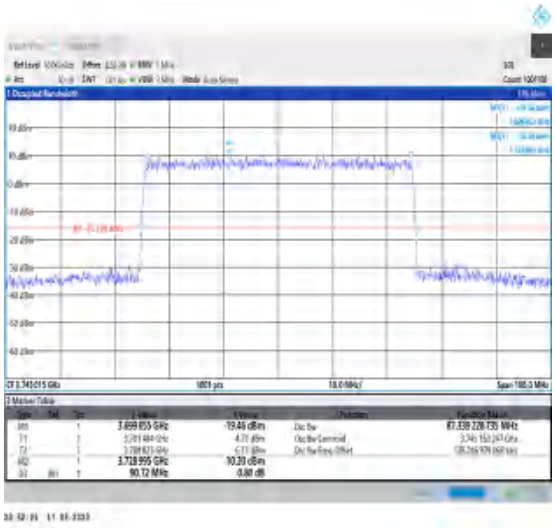

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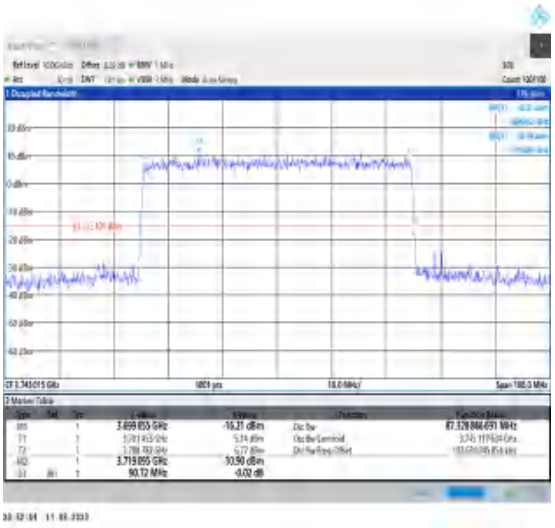

1-N77-3700-3980-30-90-L-7-CP-16QAM-Outer_Full-245@0-Ant0-87.329-90.720-≤90-PASS

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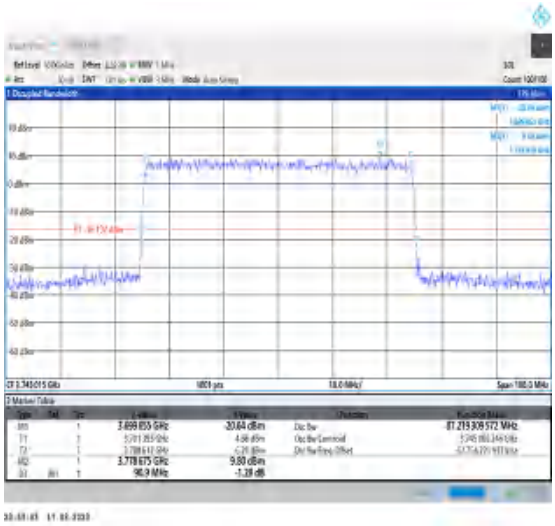

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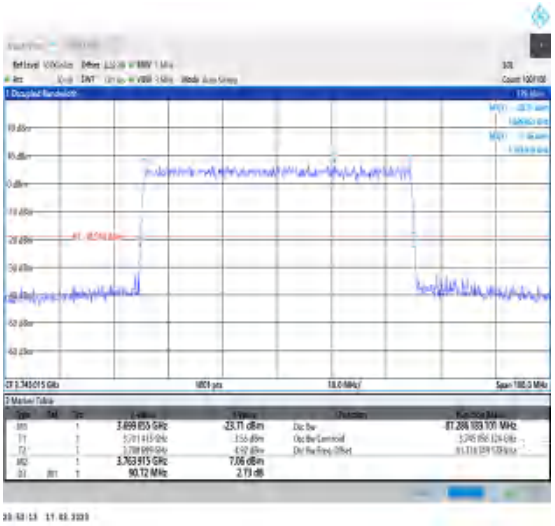

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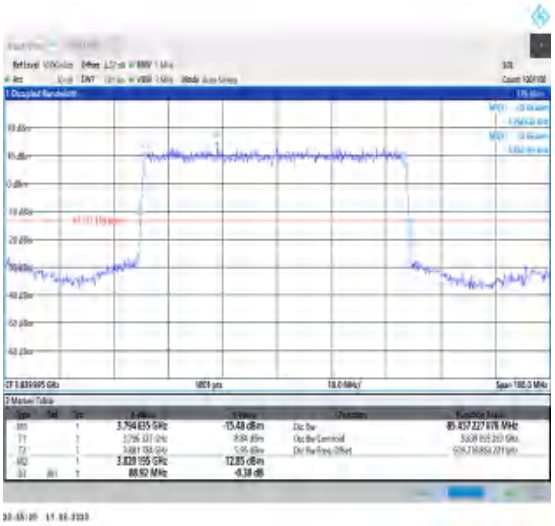

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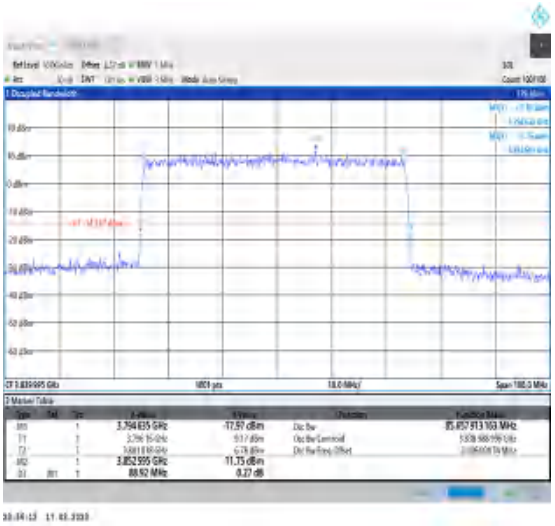

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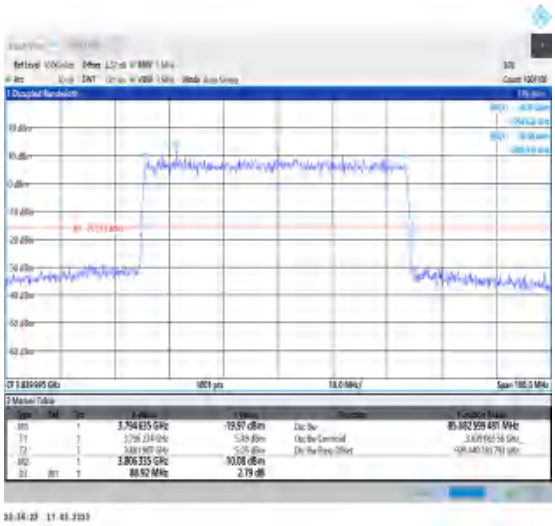

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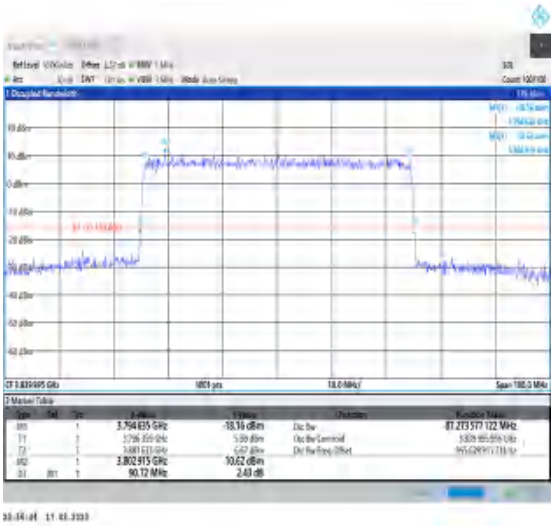

1-N77-3700-3980-30-90-M-6-CP-QPSK-Outer_Full-245@0-Ant0-87.274-90.720-≤90-PASS

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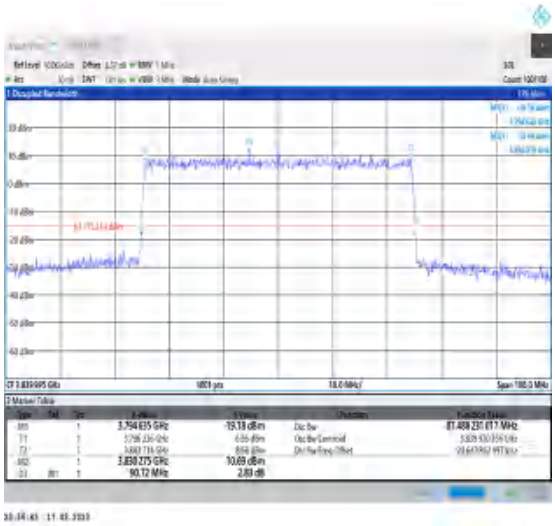

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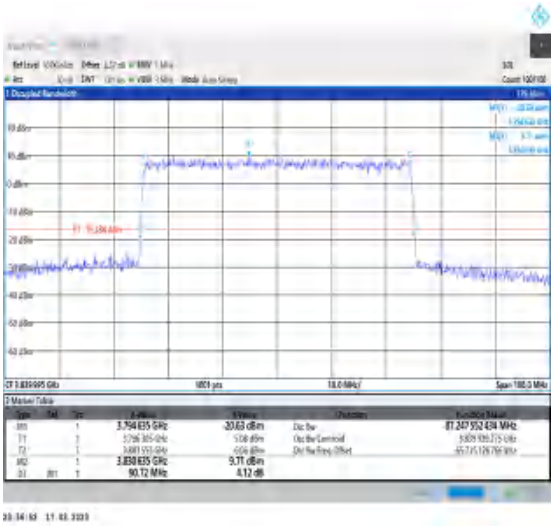

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1-N77-3700-3980-30-90-H-1-DFT-QPSK-Outer_Full-240@0-Ant0-85.503-88.920-≤90-PASS

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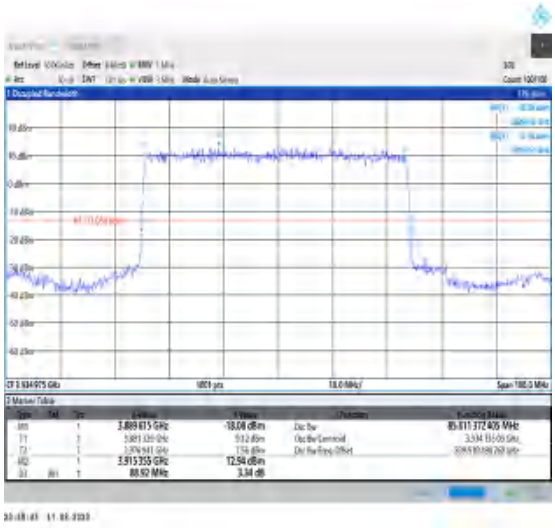

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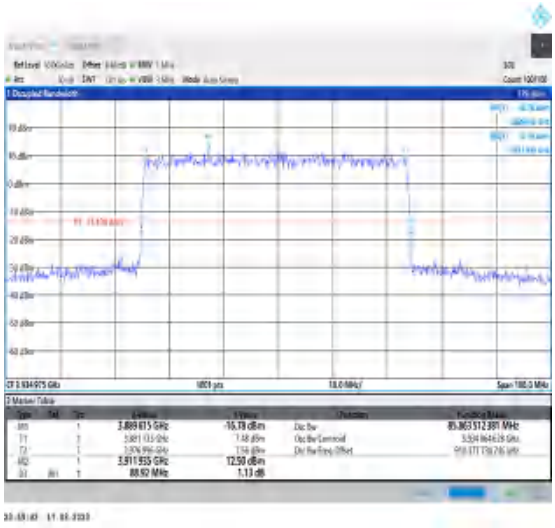

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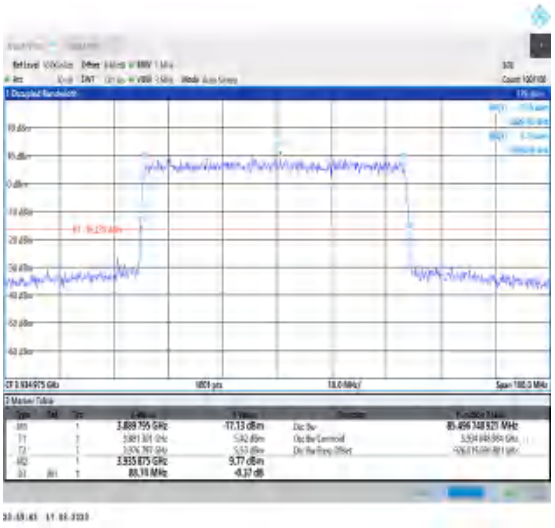

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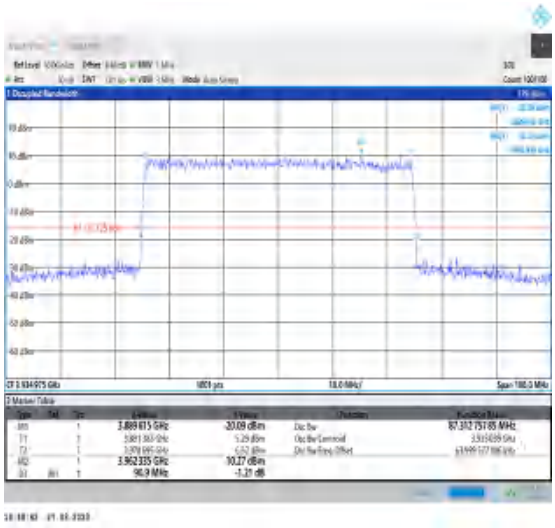	
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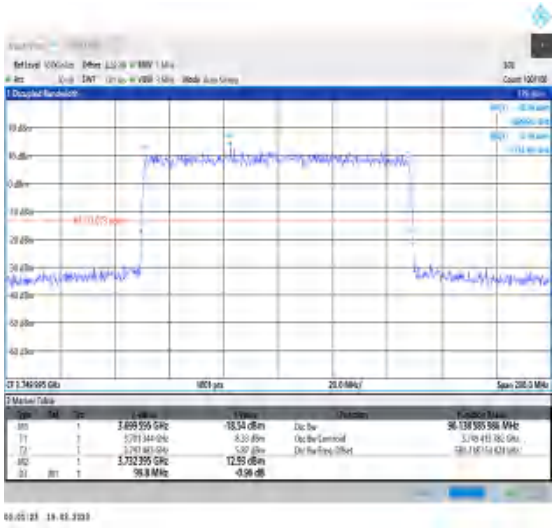

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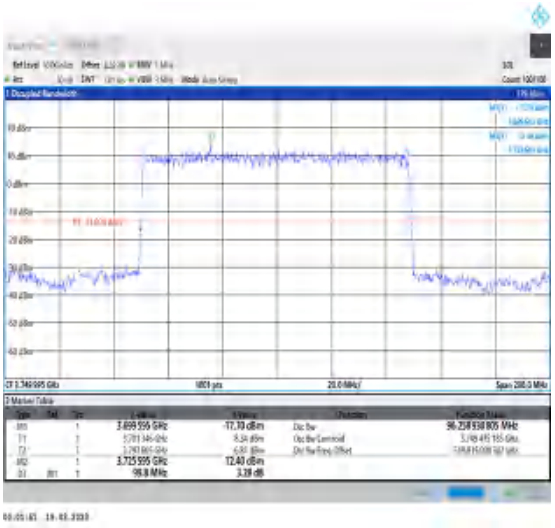

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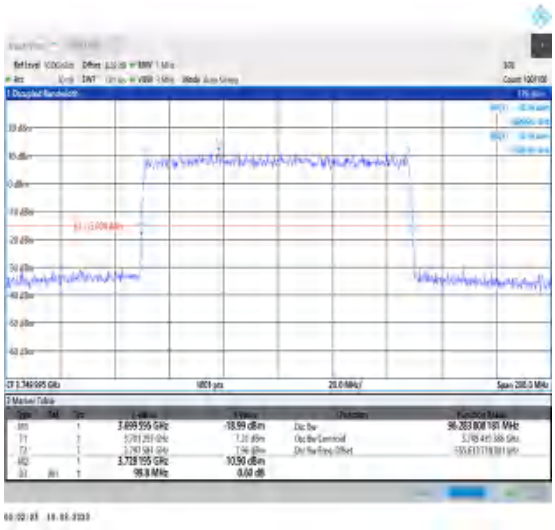

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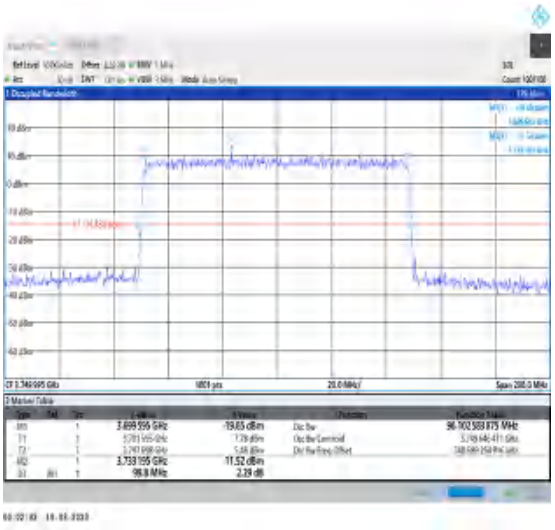

1-N77-3700-3980-30-100-L-4-DFT-64QAM-Outer_Full-270@0-Ant0-96.103-99.800-≤100-PASS

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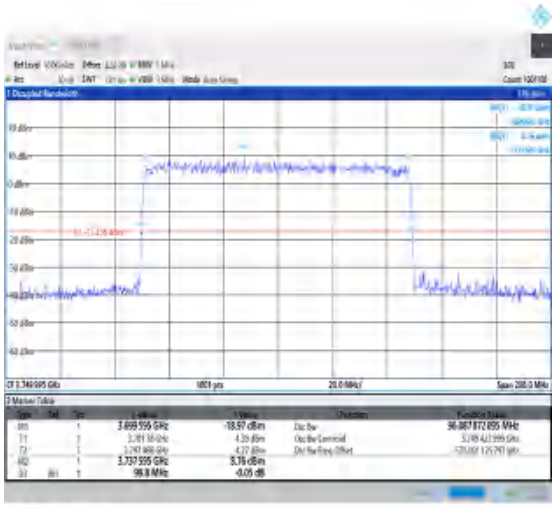

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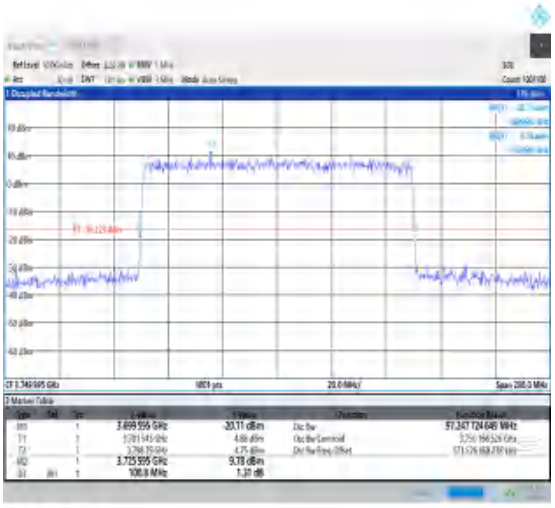

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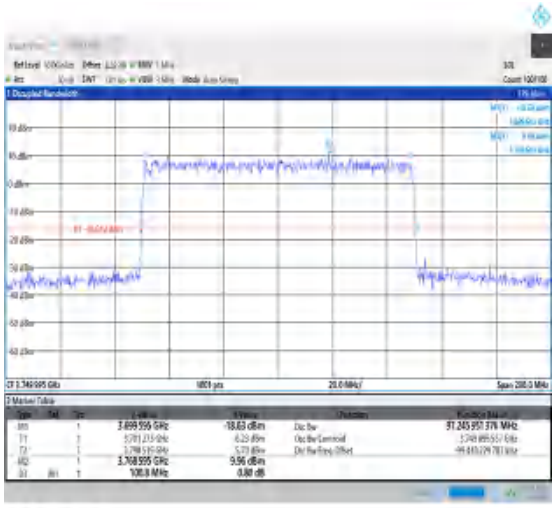

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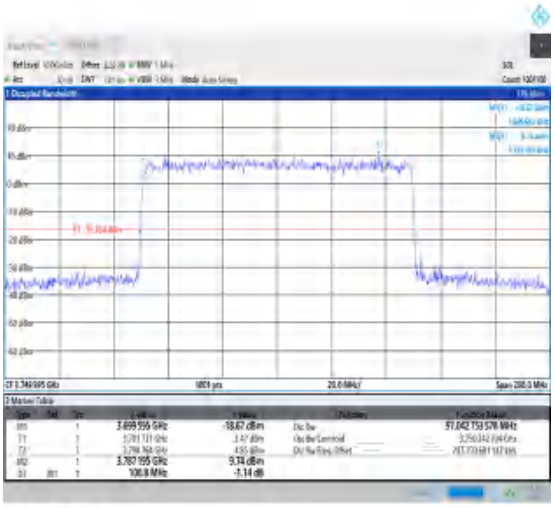

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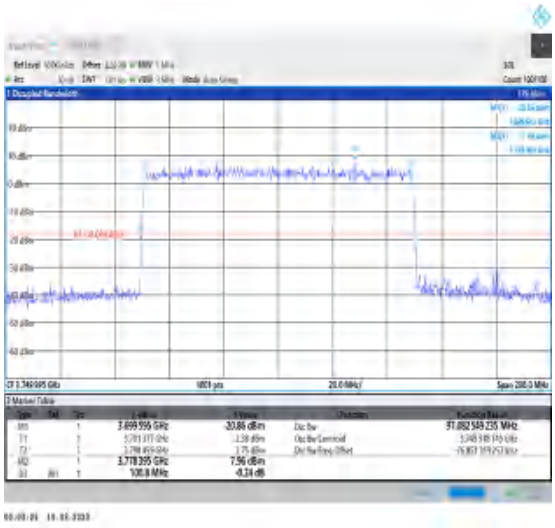

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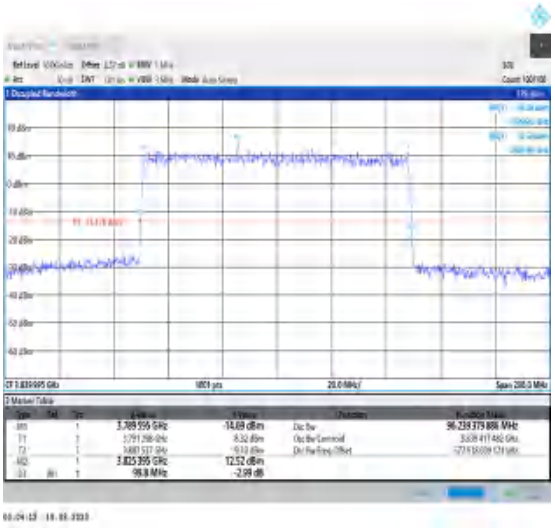

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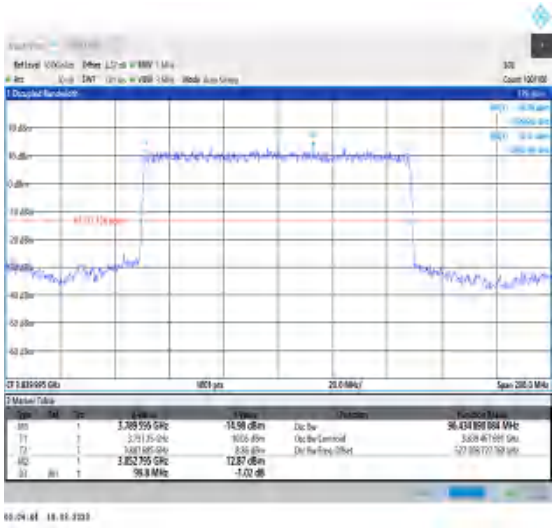

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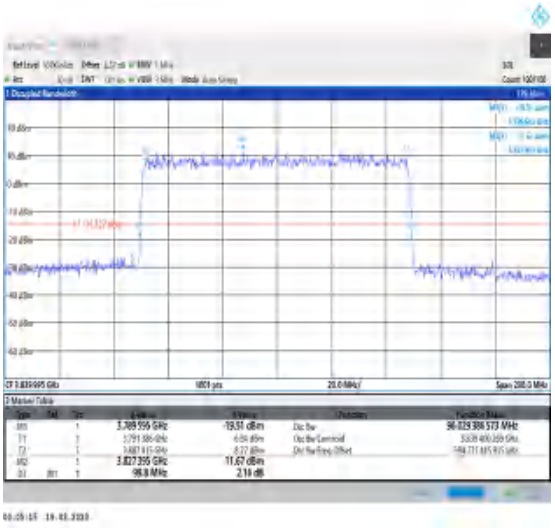

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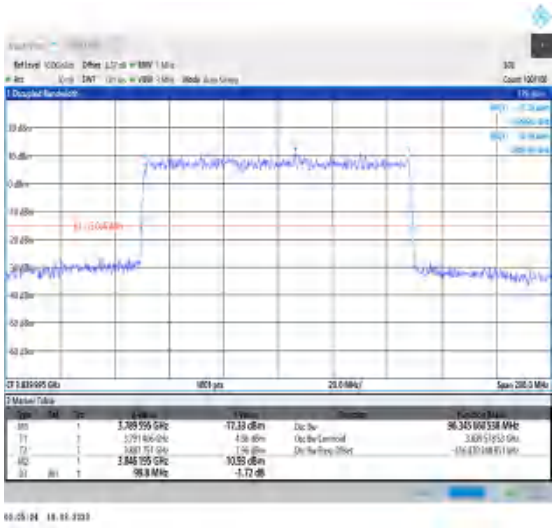

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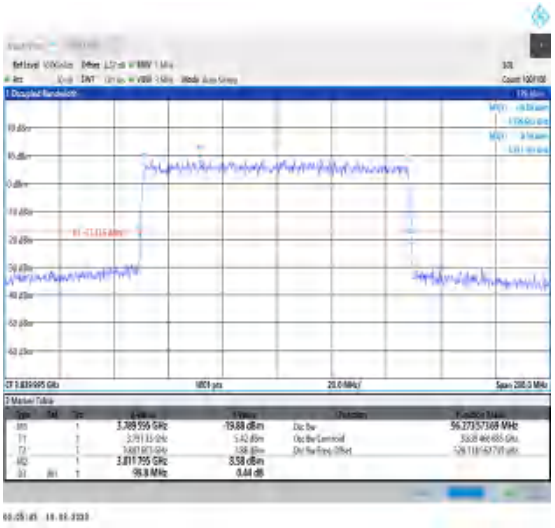

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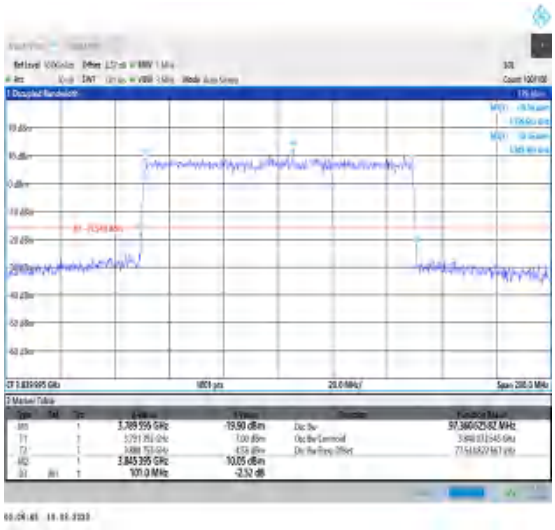

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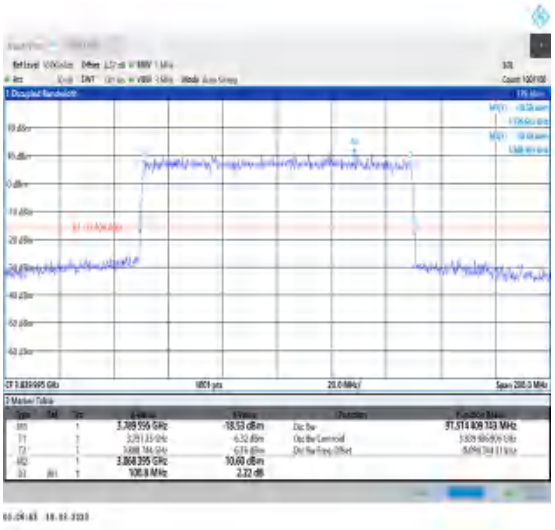

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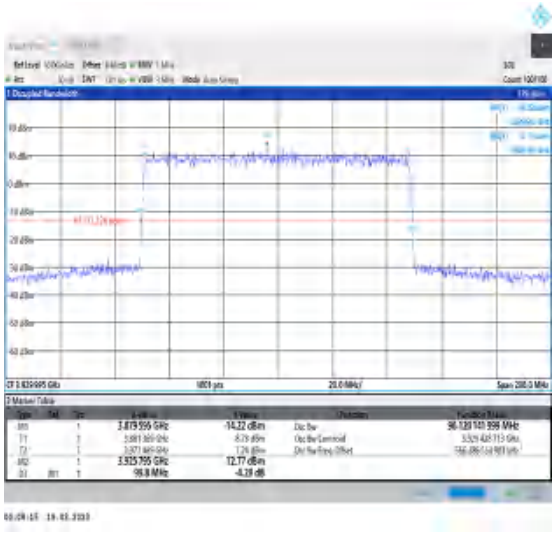

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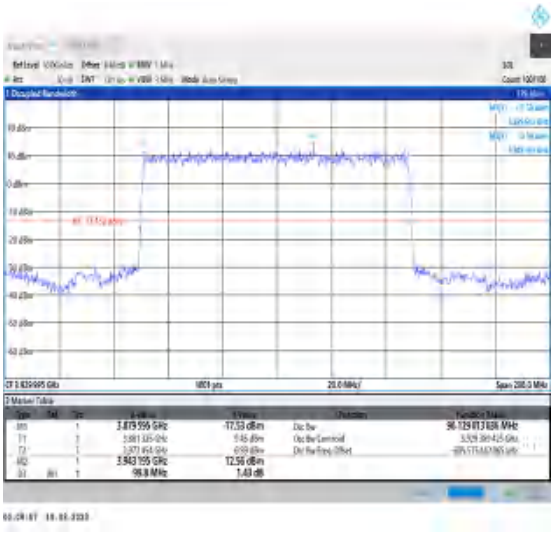

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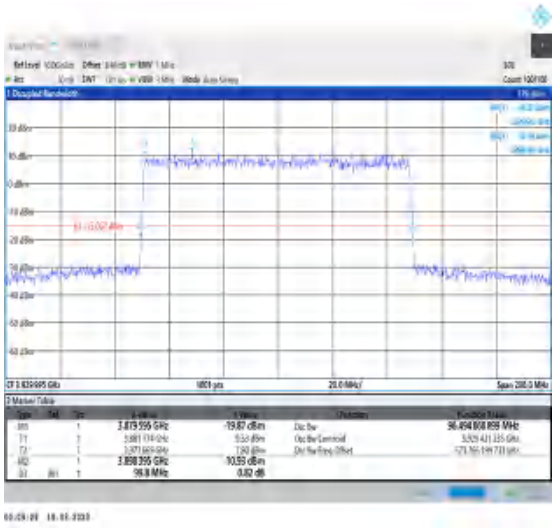	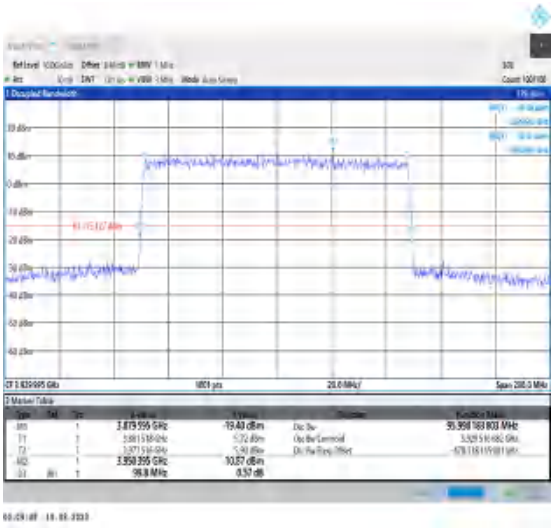
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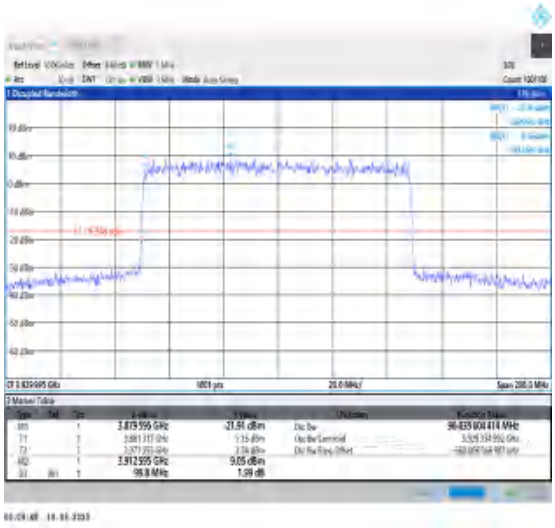	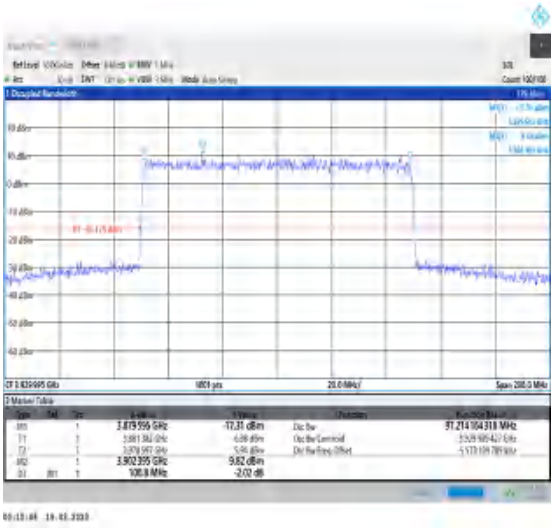
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	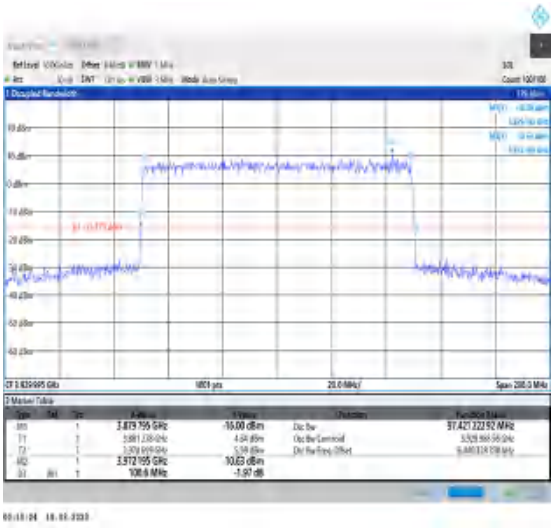
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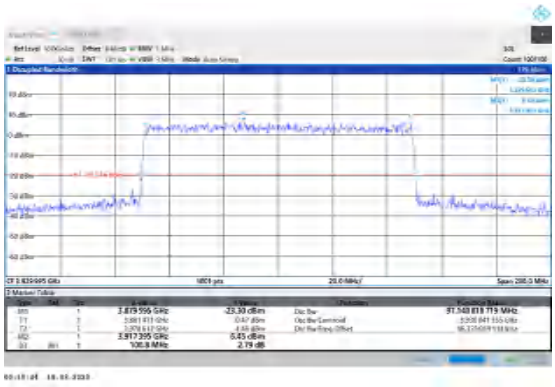	
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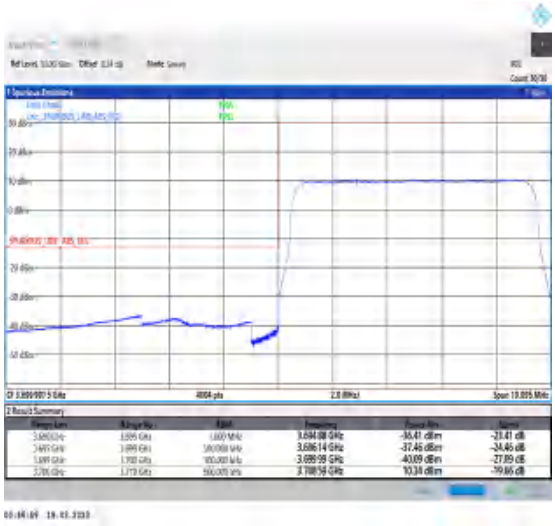
Band Edge for SA

Test Graphs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	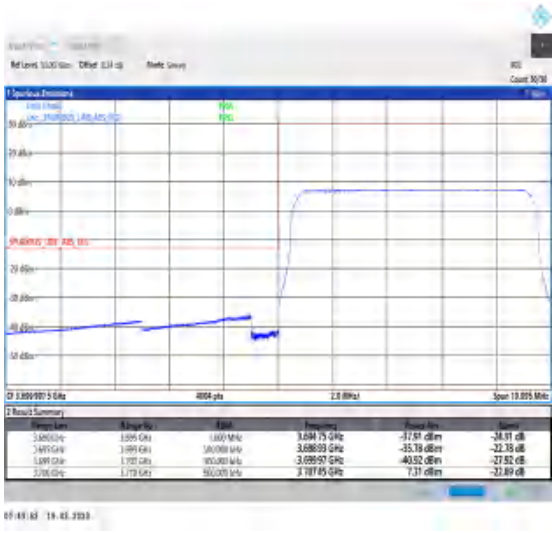
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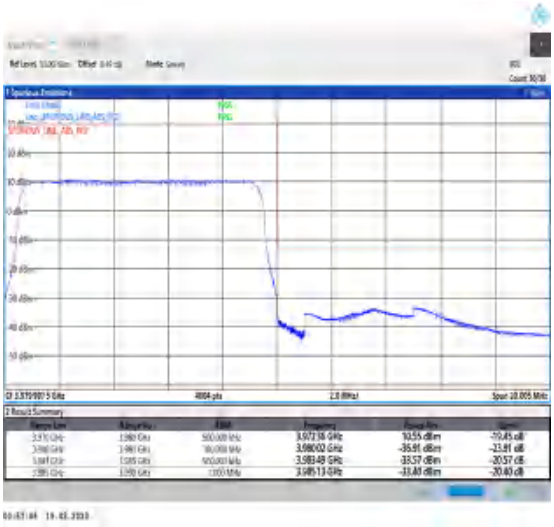

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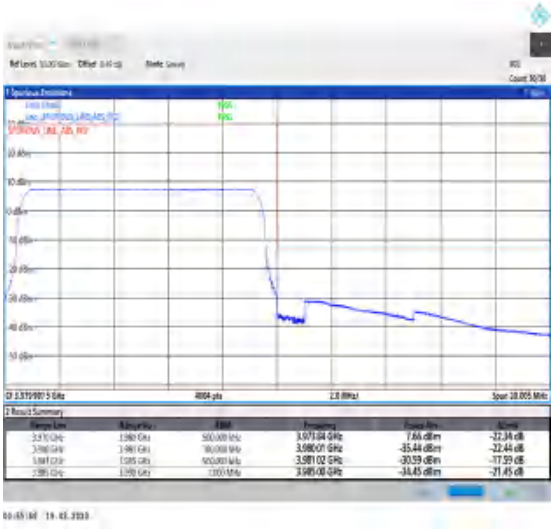

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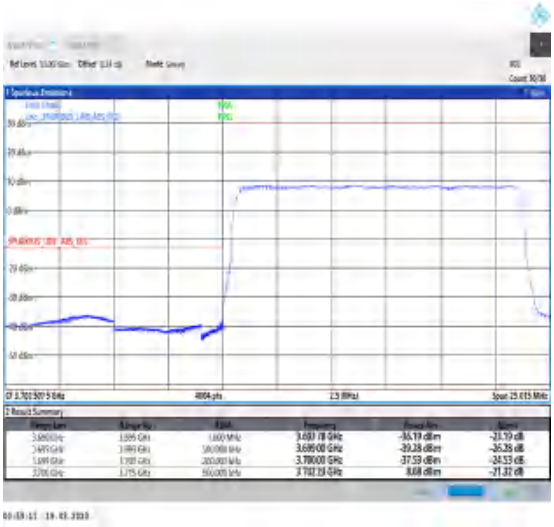

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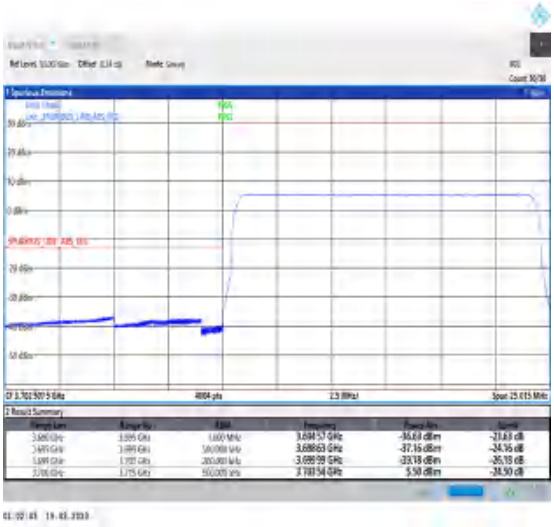

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	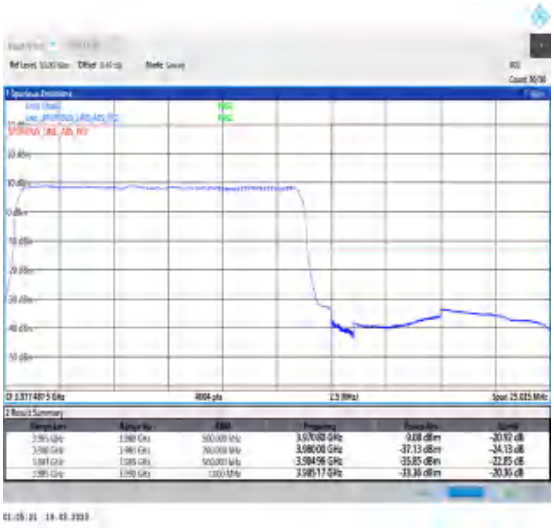
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	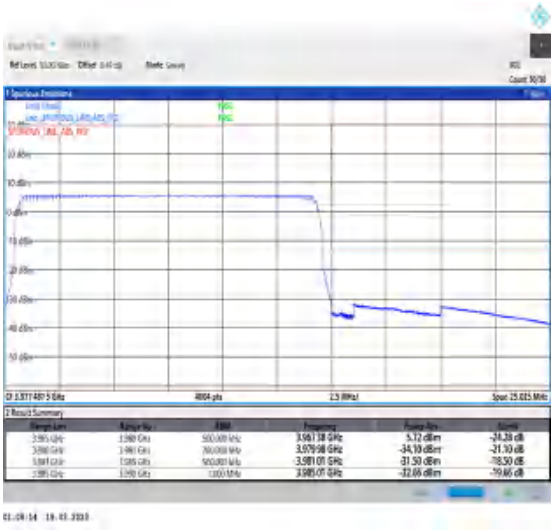
1-N77-3700-3980-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant0-1--PASS-see graph	1-N77-3700-3980-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph

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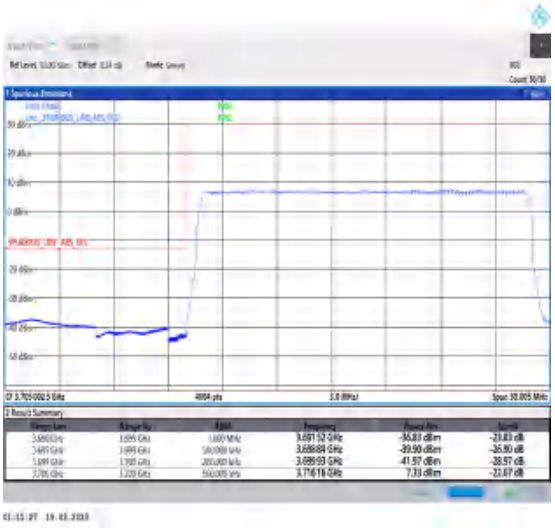
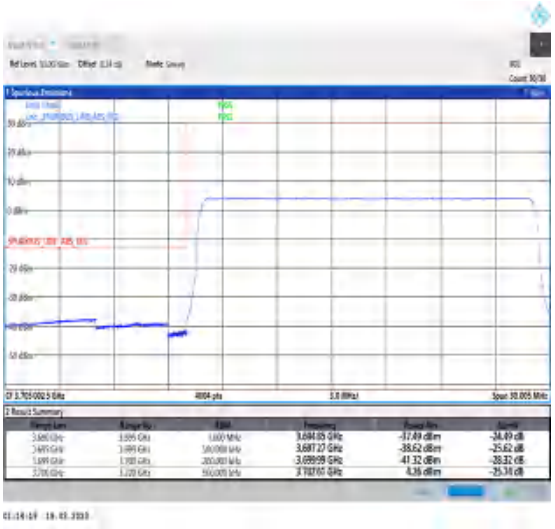
1-N77-3700-3980-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph

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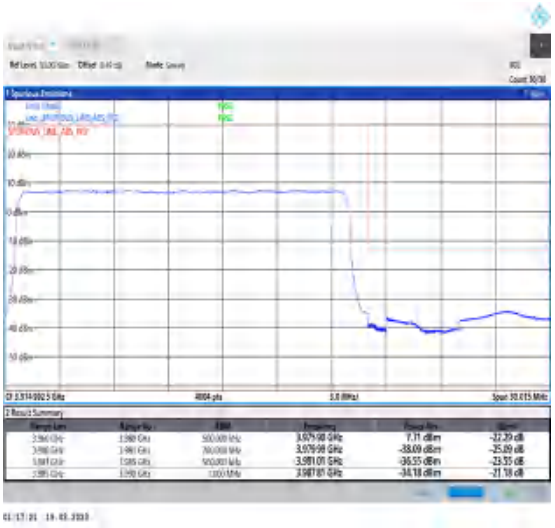
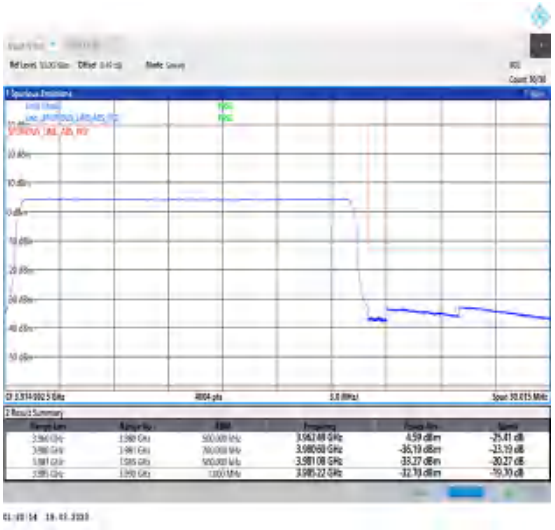
1-N77-3700-3980-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant0-1--PASS-see graph



1-N77-3700-3980-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant0-1--PASS-see graph



1-N77-3700-3980-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph

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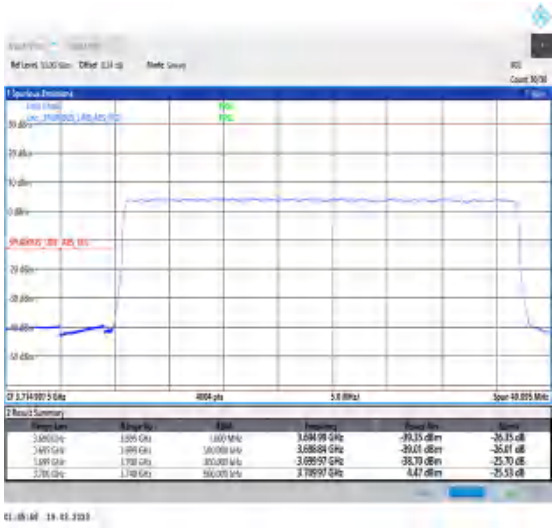
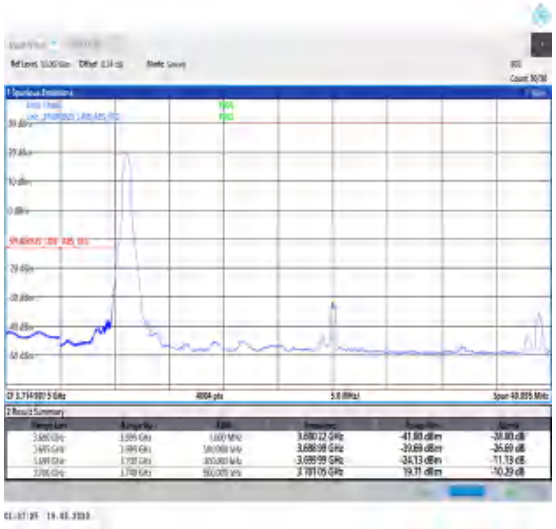
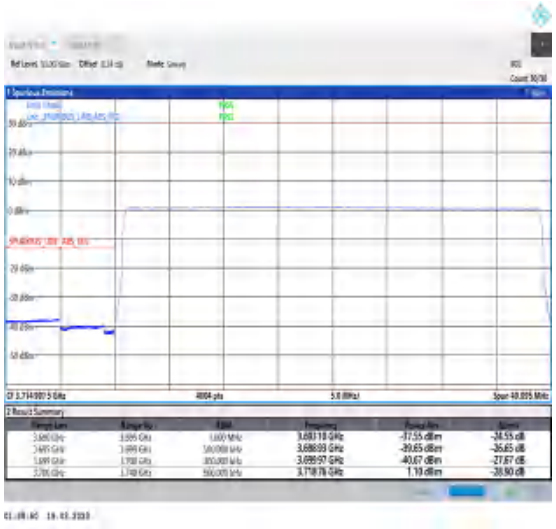
1-N77-3700-3980-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph

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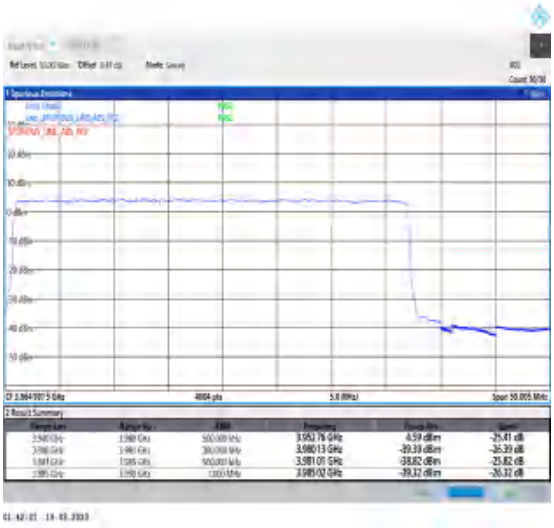
1-N77-3700-3980-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant0-1--PASS-see graph



1-N77-3700-3980-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant0-1--PASS-see graph

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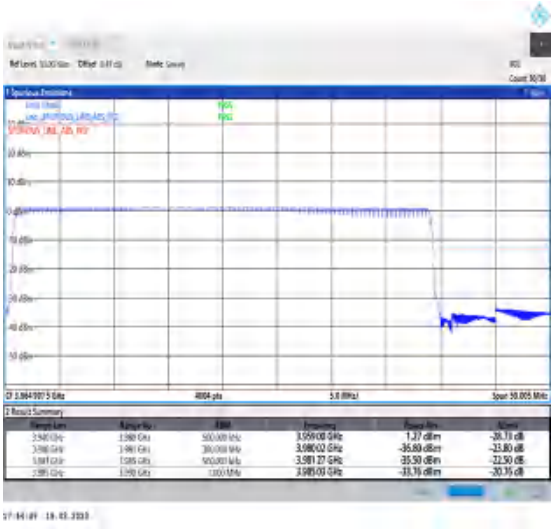

1-N77-3700-3980-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph

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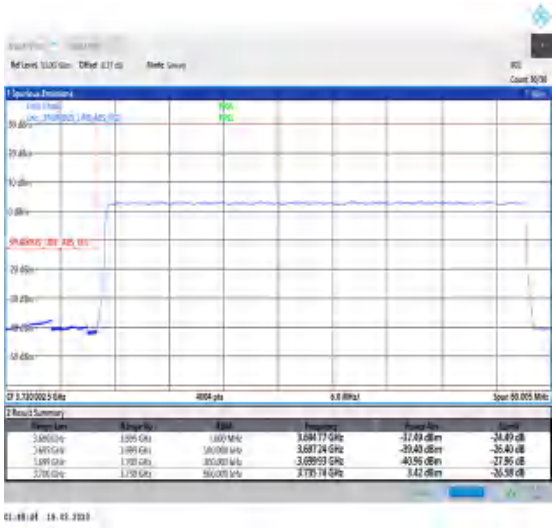
1-N77-3700-3980-30-50-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



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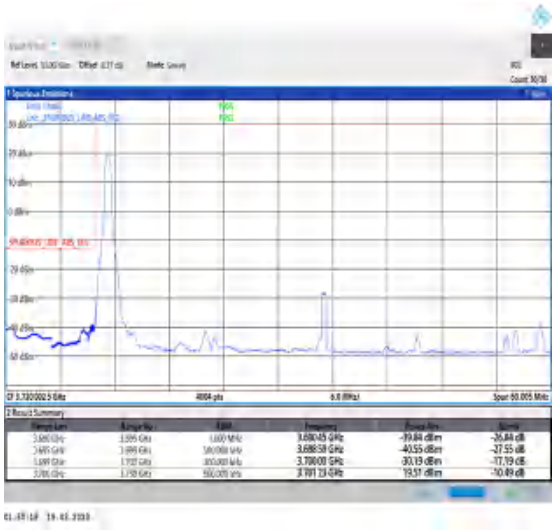
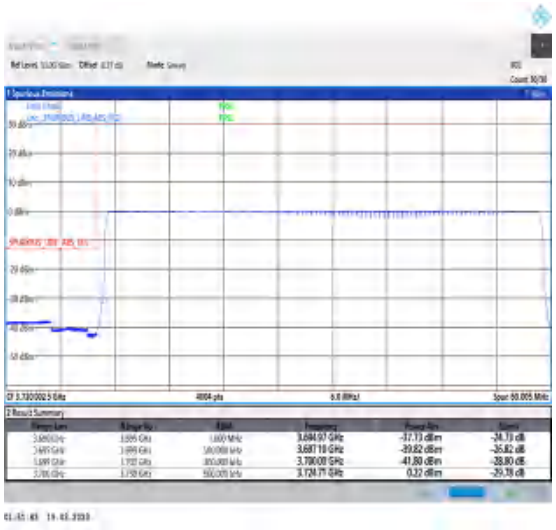


1-N77-3700-3980-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph

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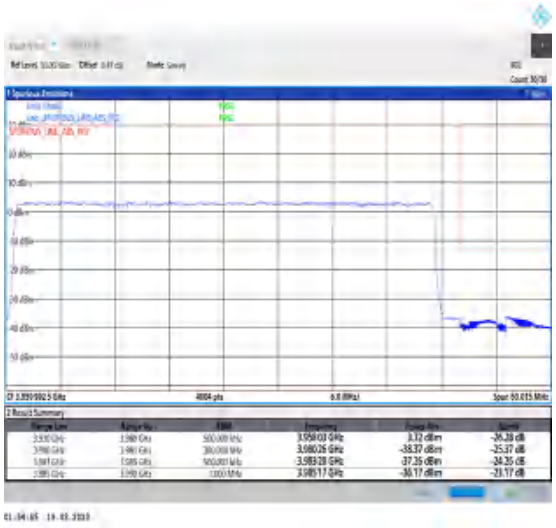
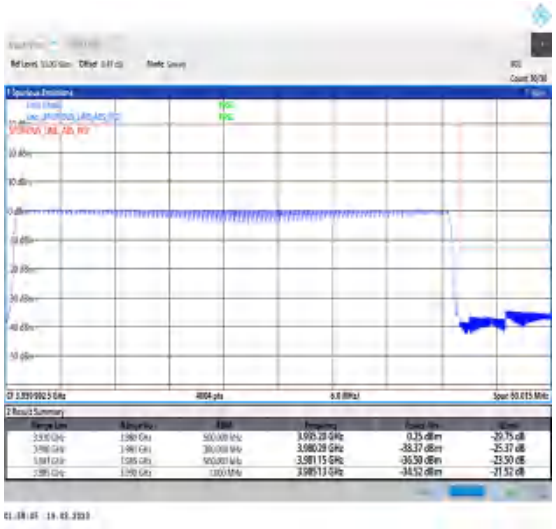
1-N77-3700-3980-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant0-1--PASS-see graph



1-N77-3700-3980-30-50-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant0-1--PASS-see graph



1-N77-3700-3980-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph

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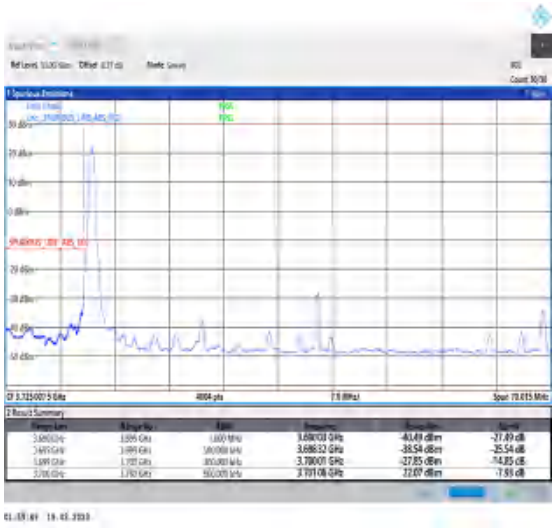

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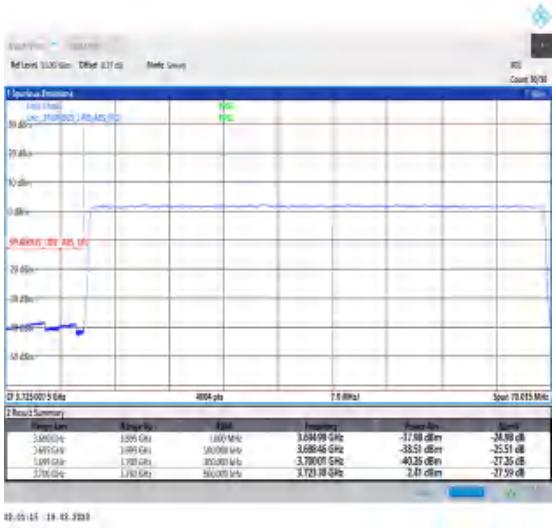

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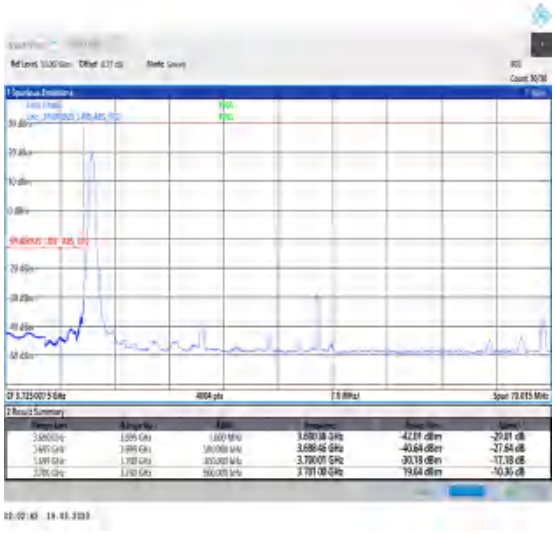

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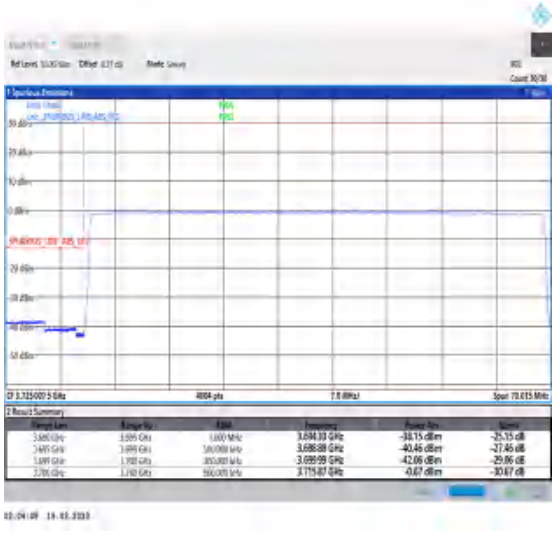

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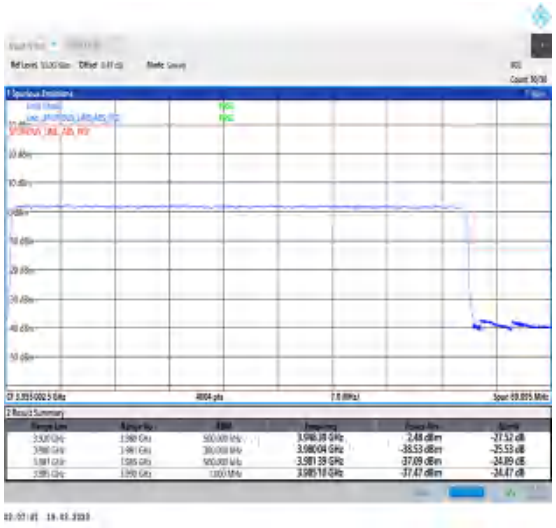
1-N77-3700-3980-30-60-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@161-Ant0-1--PASS-see graph



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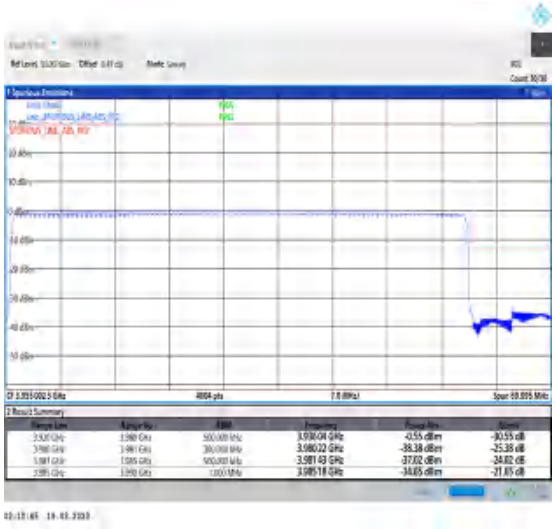

1-N77-3700-3980-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant0-1--PASS-see graph

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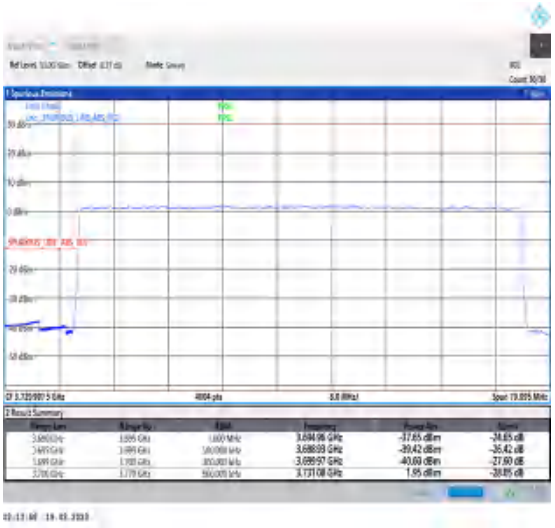
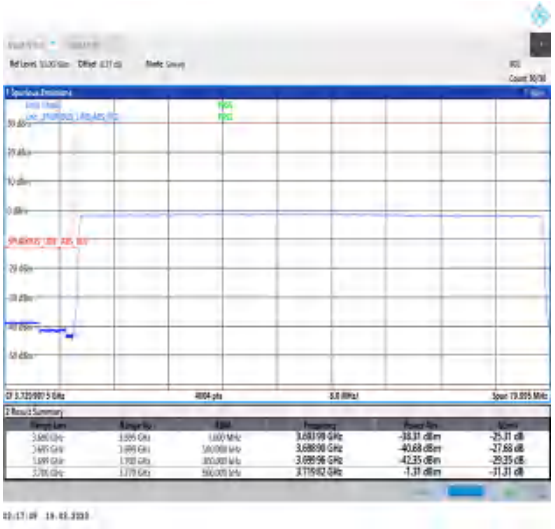
1-N77-3700-3980-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph

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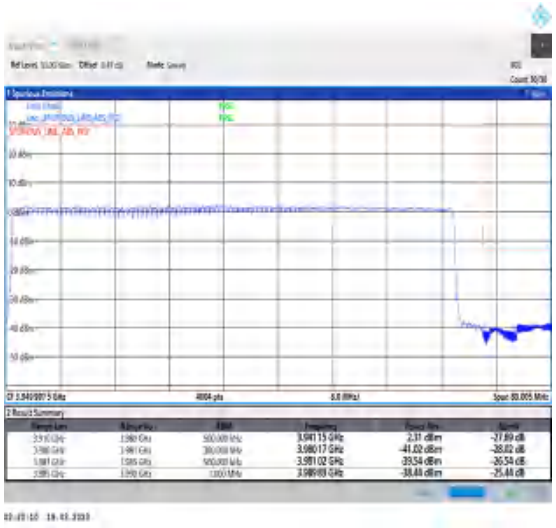
1-N77-3700-3980-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@188-Ant0-1--PASS-see graph



1-N77-3700-3980-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant0-1--PASS-see graph

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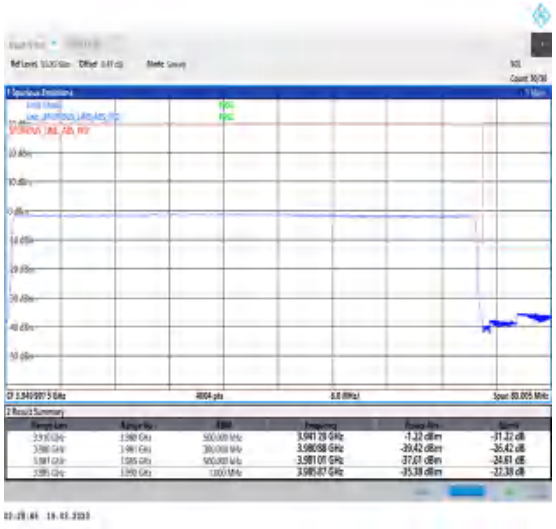

1-N77-3700-3980-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph

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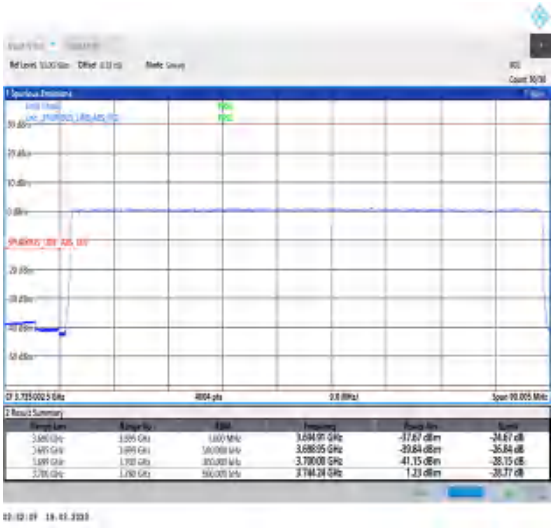
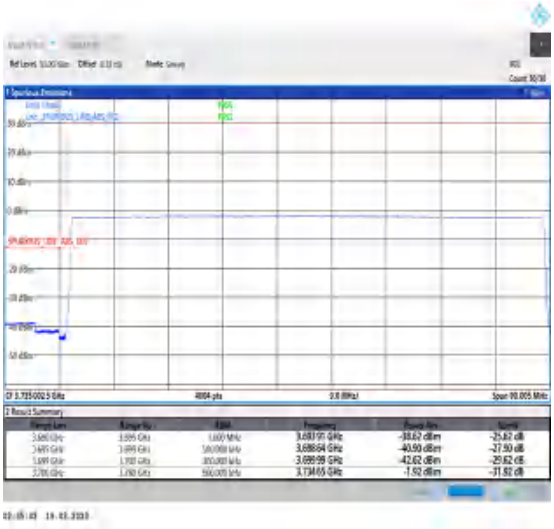
1-N77-3700-3980-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant0-1--PASS-see graph

1-N77-3700-3980-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant0-1--PASS-see graph

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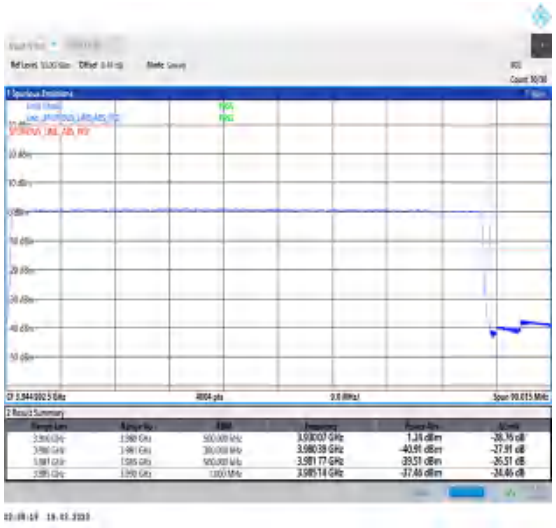

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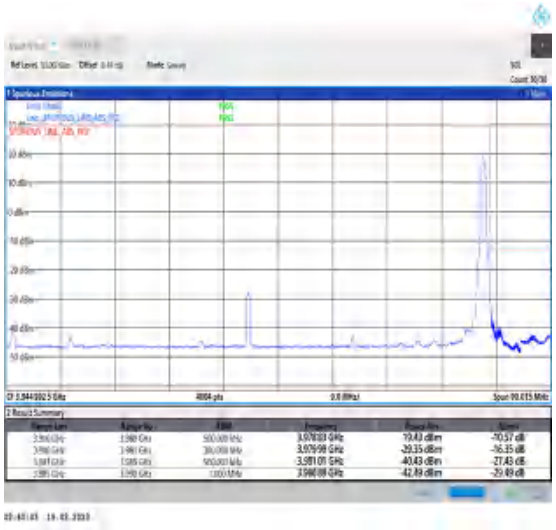

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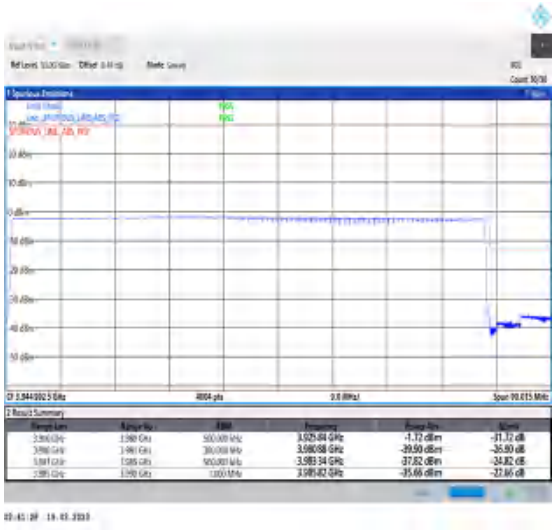

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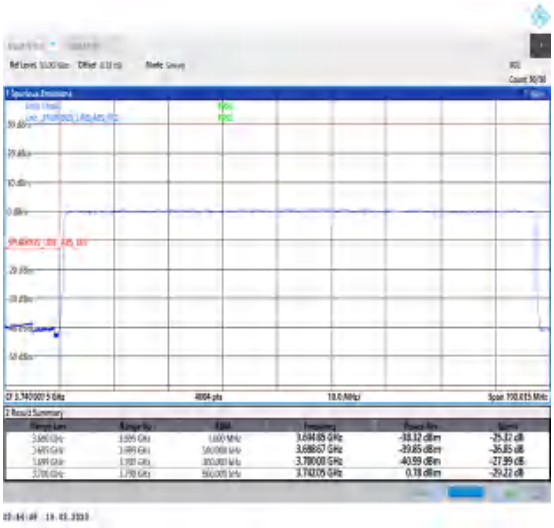
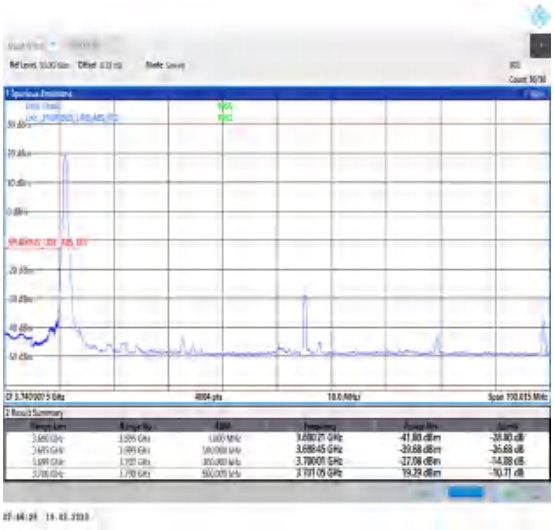
1-N77-3700-3980-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant0-1--PASS-see graph



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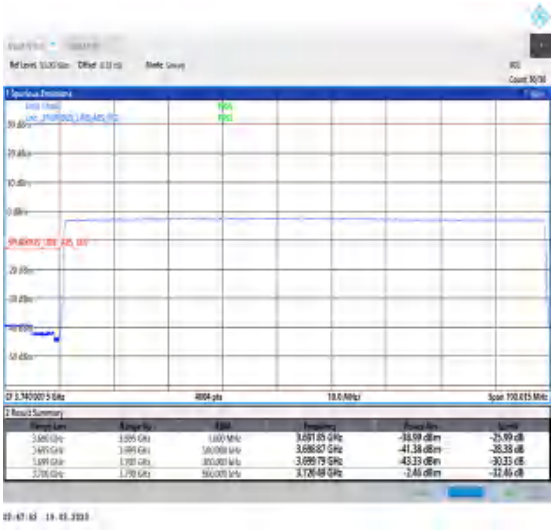

1-N77-3700-3980-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph

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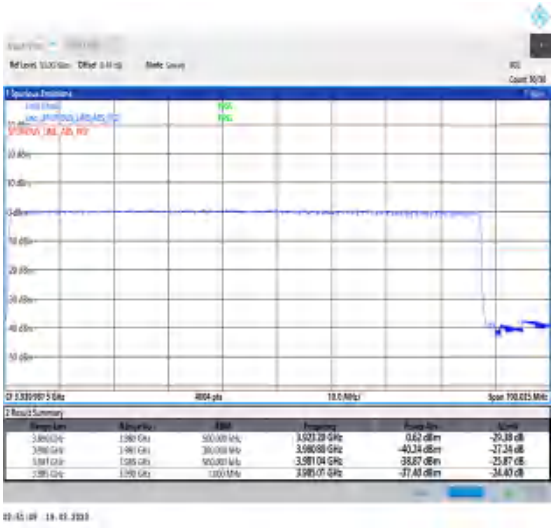
1-N77-3700-3980-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant0-1--PASS-see graph



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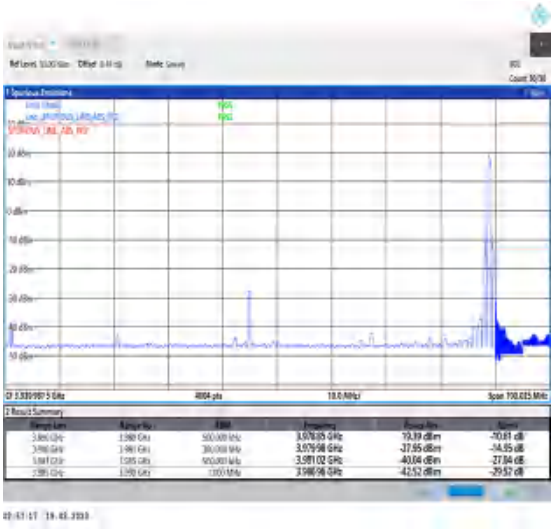

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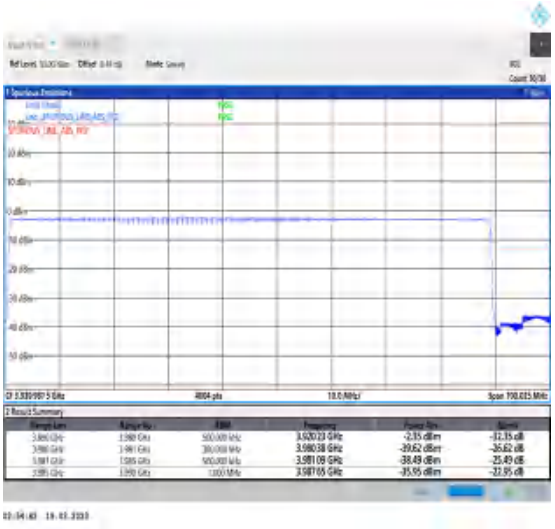

1-N77-3700-3980-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant0-1--PASS-see graph

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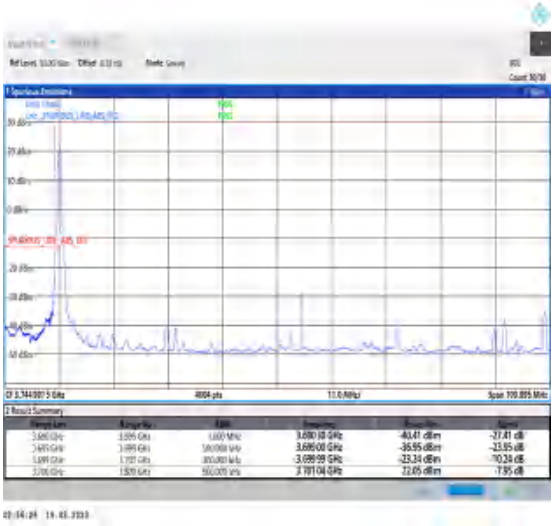

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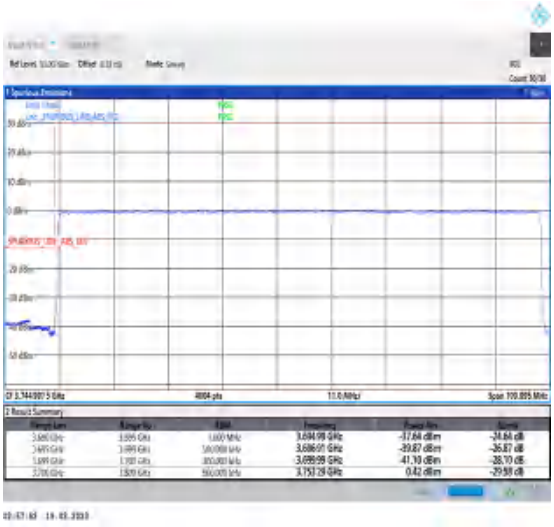

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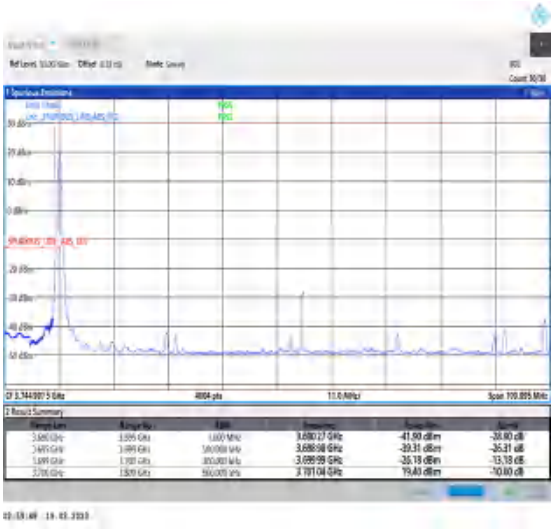

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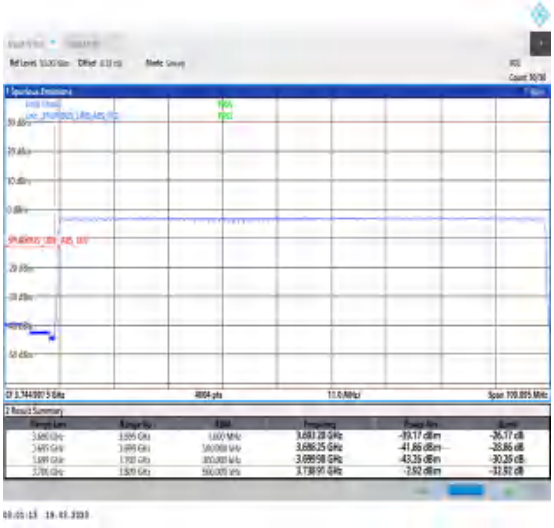

1-N77-3700-3980-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph

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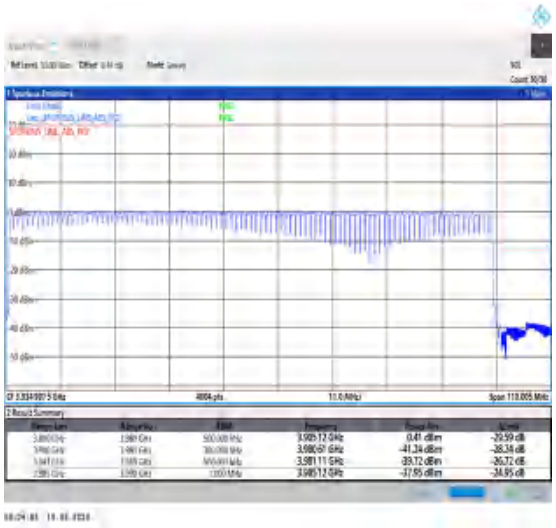
1-N77-3700-3980-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant0-1--PASS-see graph



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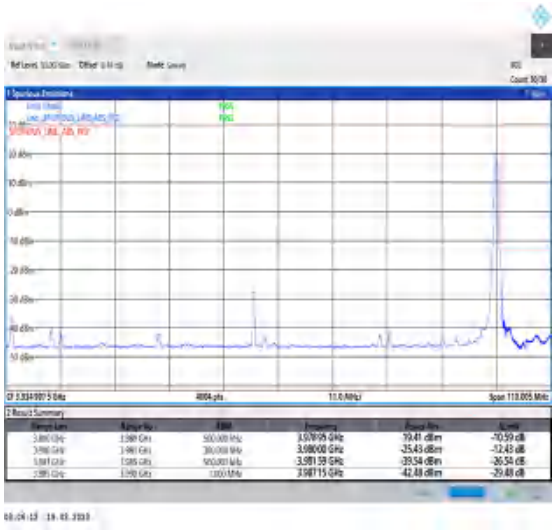

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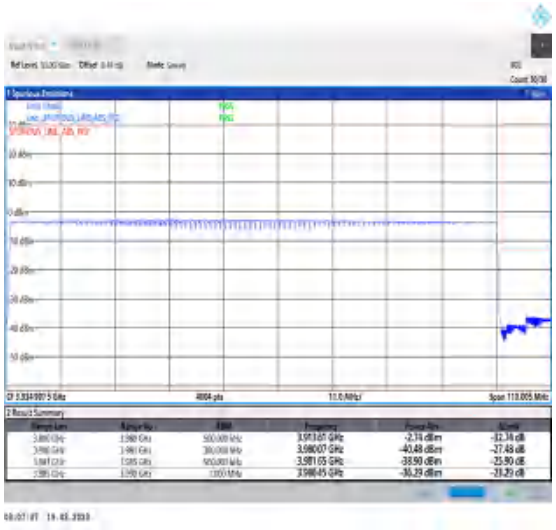

1-N77-3700-3980-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant0-1--PASS-see graph

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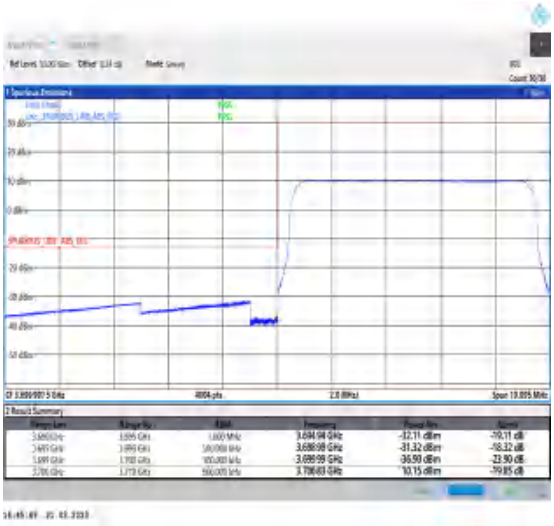
Band Edge for MIMO

Test Graphs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	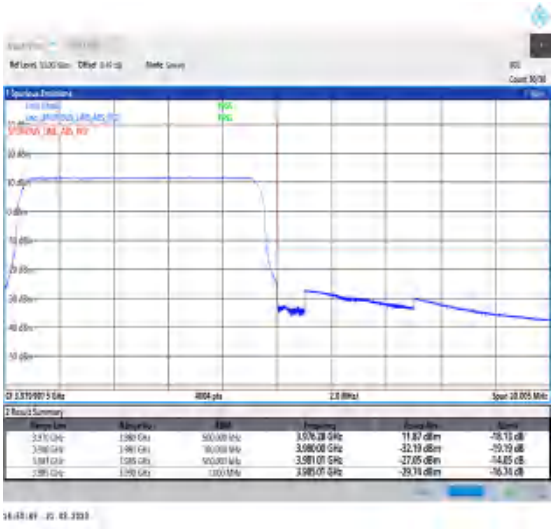
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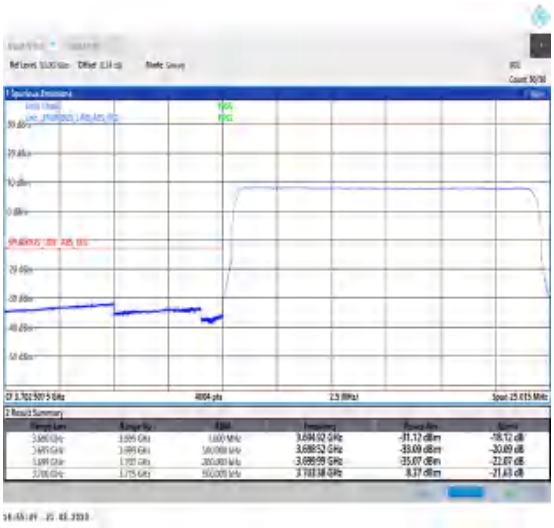
1-N77-3700-3980-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N77-3700-3980-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph

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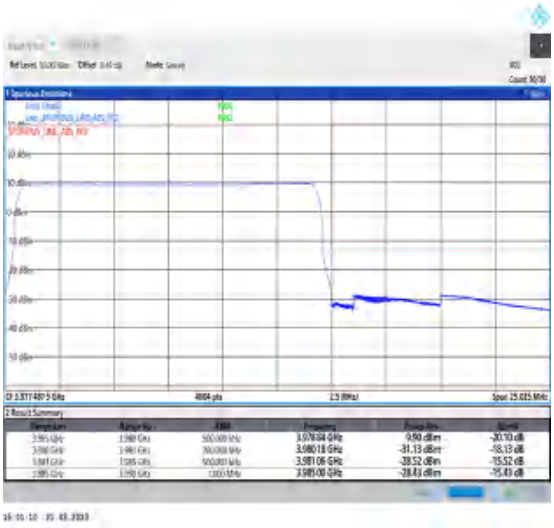

1-N77-3700-3980-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant0-1--PASS-see graph

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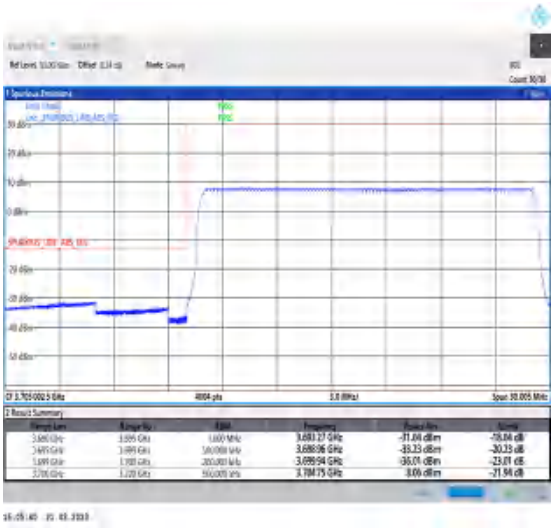

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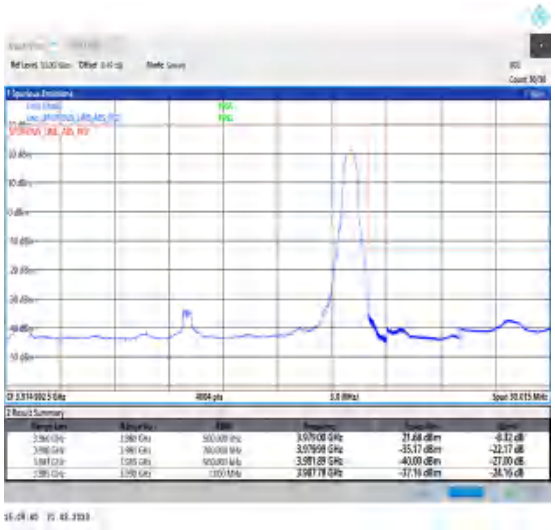

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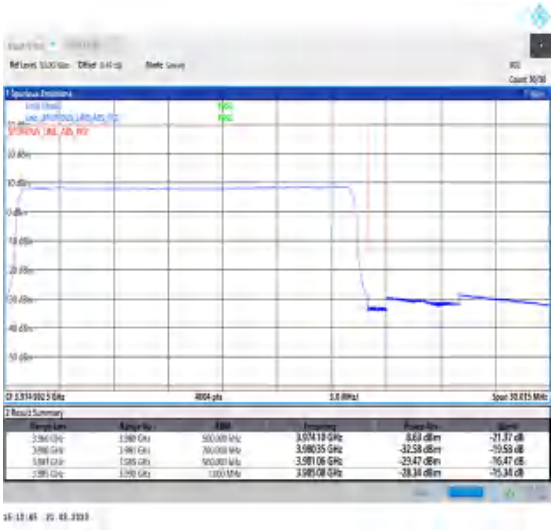

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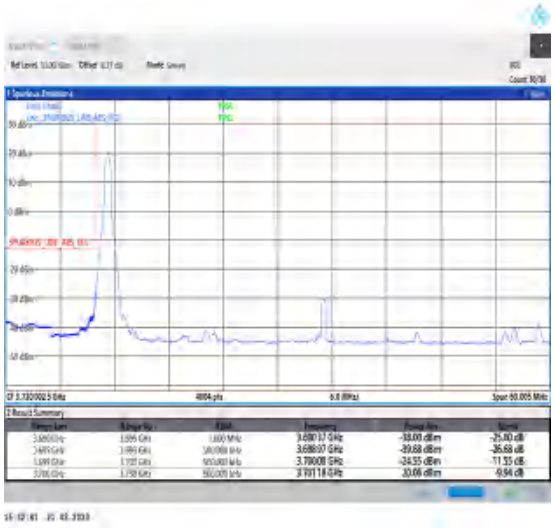

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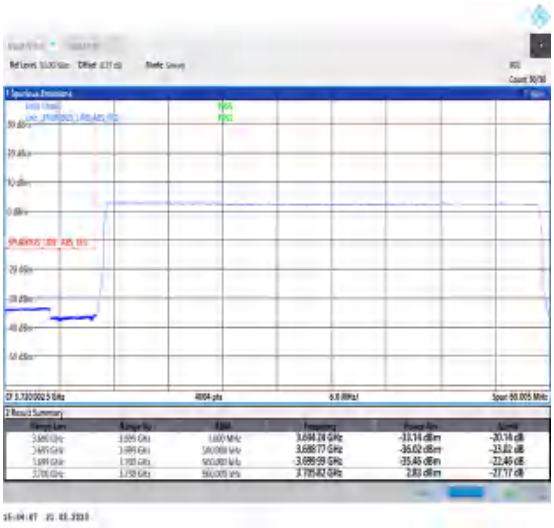

1-N77-3700-3980-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant0-1--PASS-see graph

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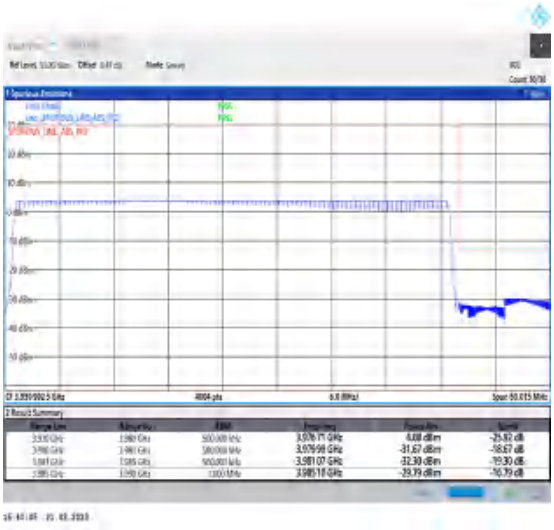

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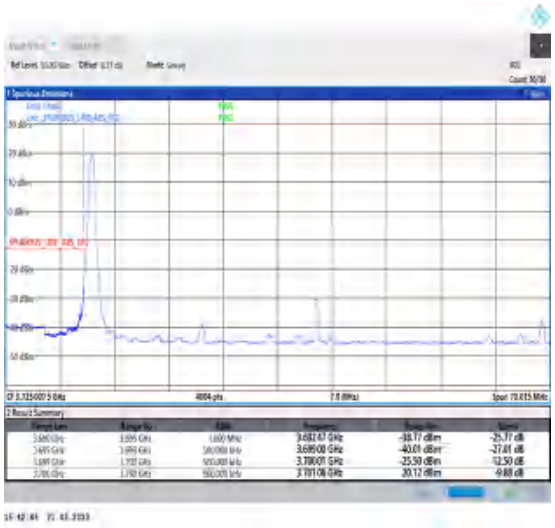

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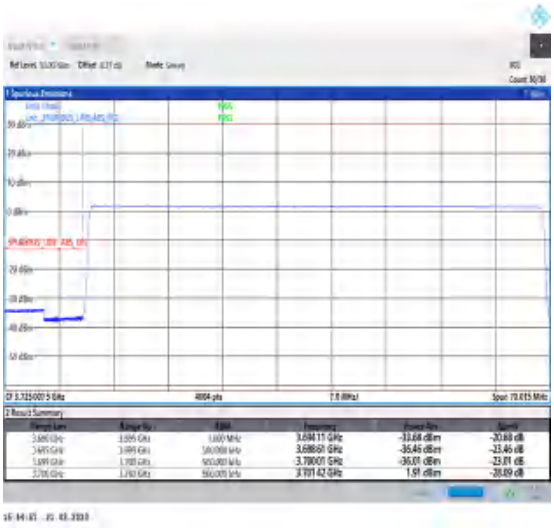

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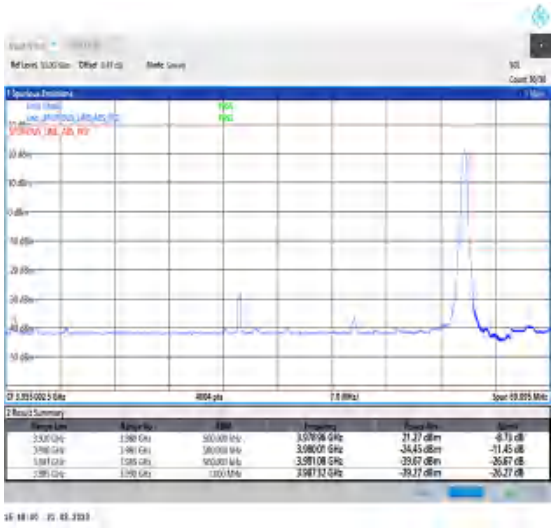

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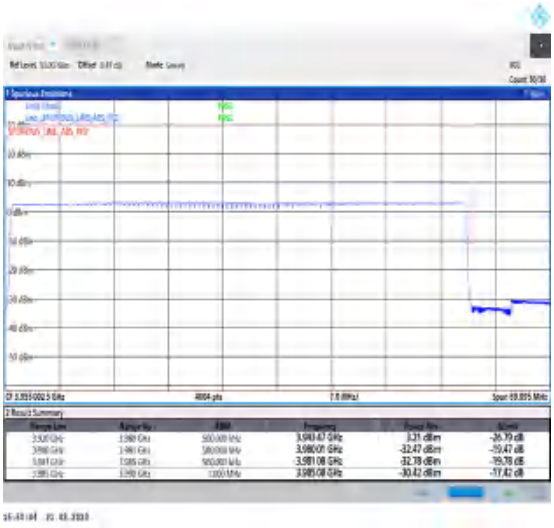

1-N77-3700-3980-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant0-1--PASS-see graph

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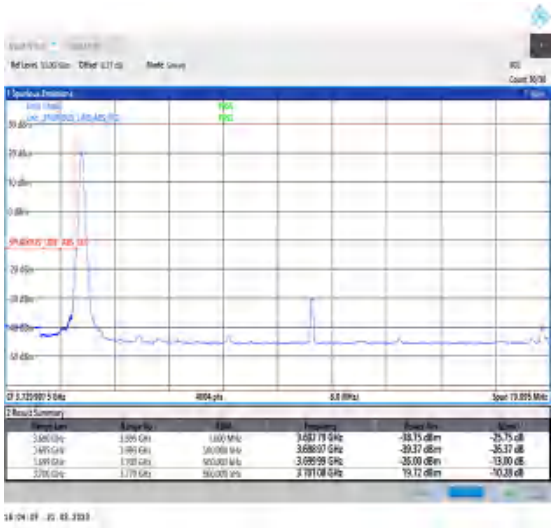	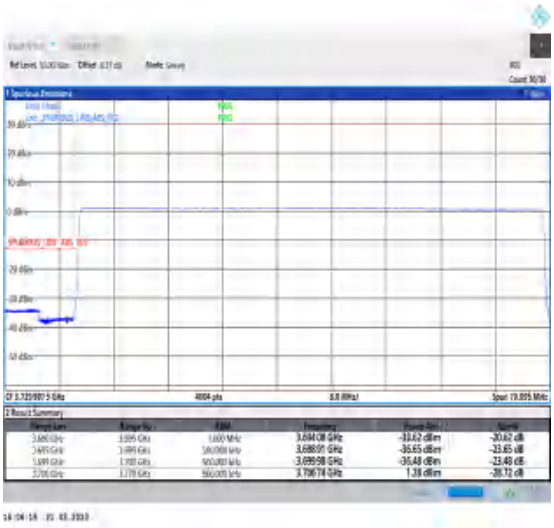
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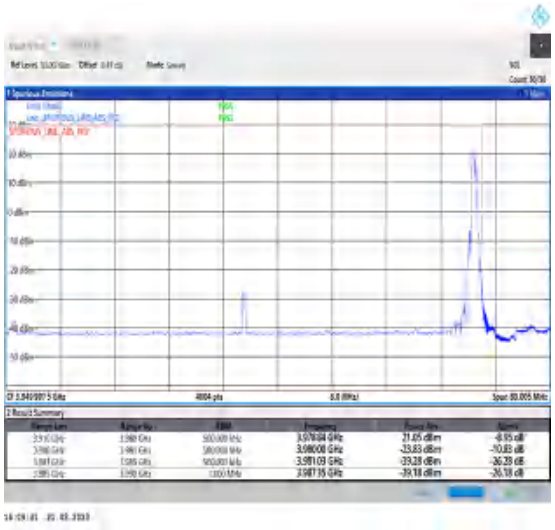	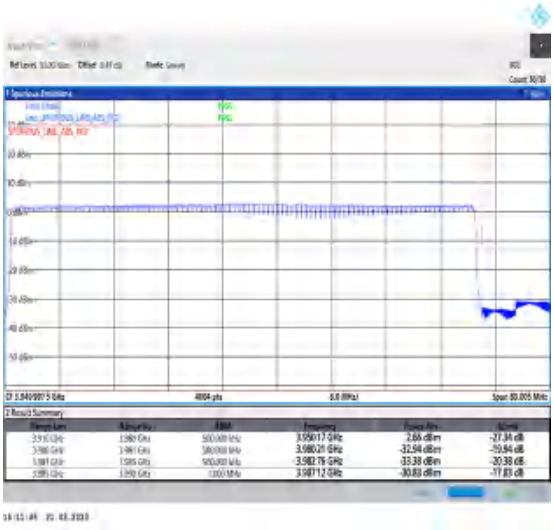
1-N77-3700-3980-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant0-1--PASS-see graph	1-N77-3700-3980-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant0-1--PASS-see graph

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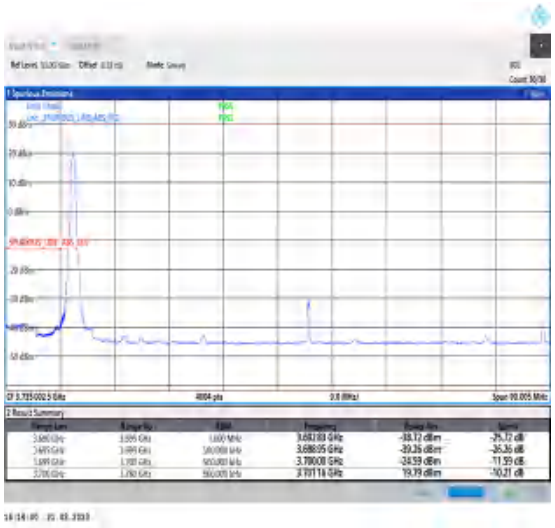

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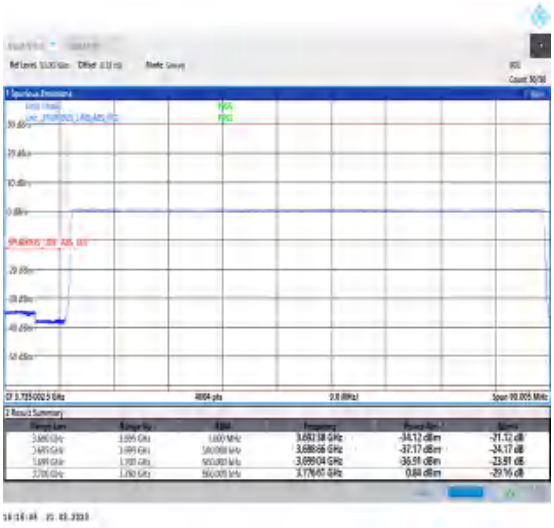

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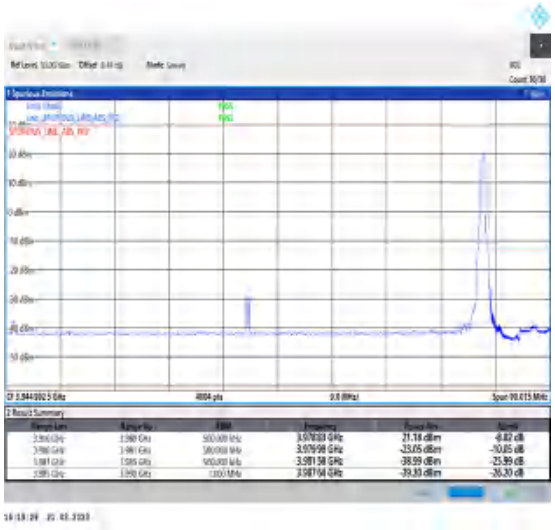

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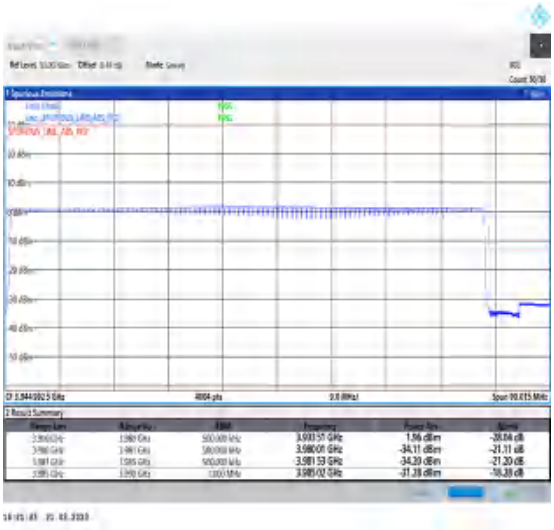

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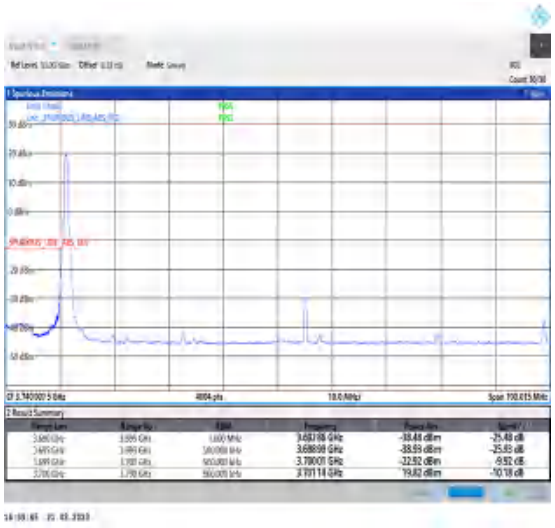

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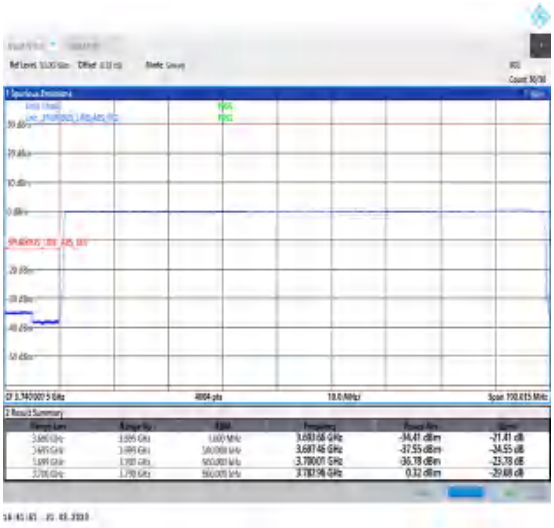

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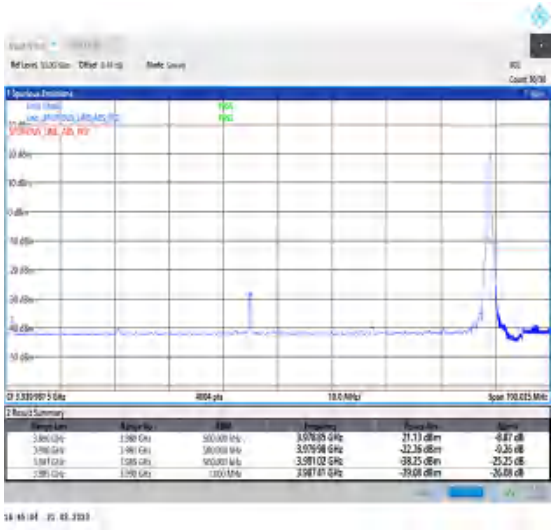

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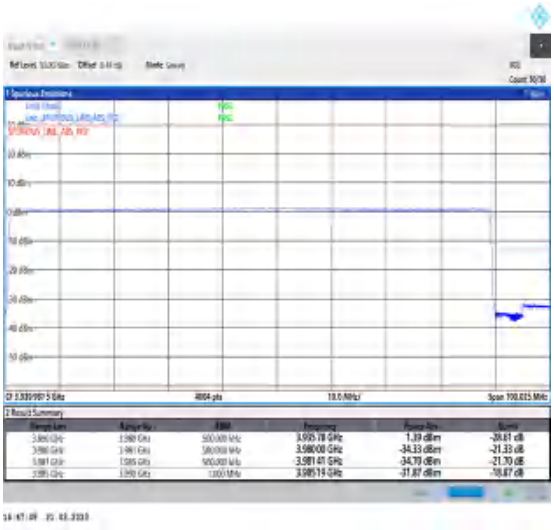

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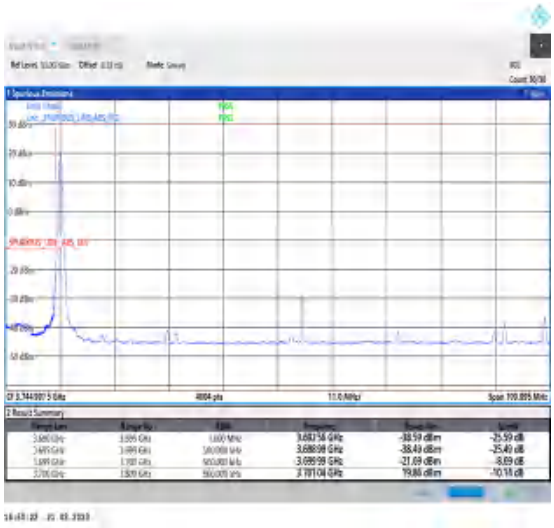	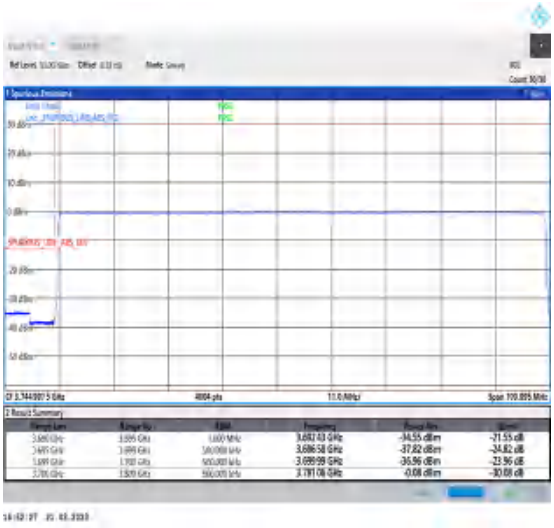
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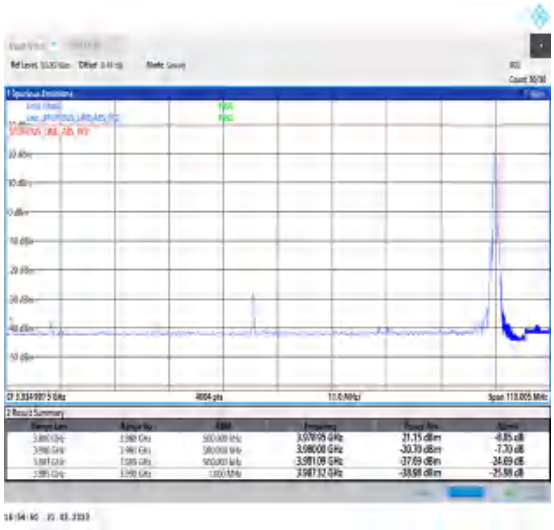	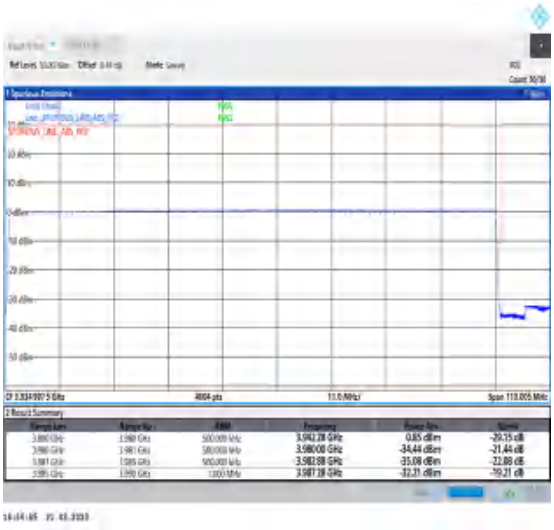
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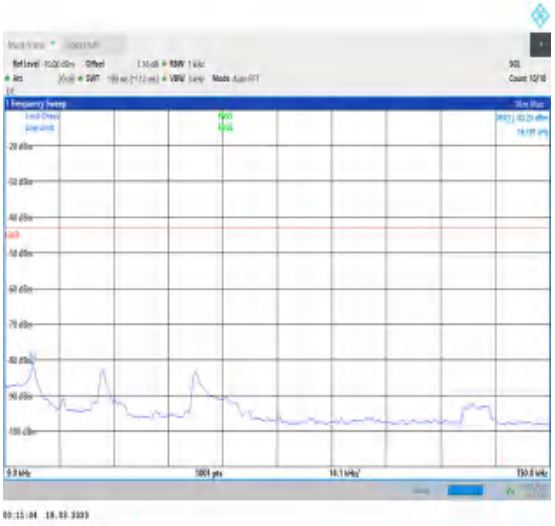
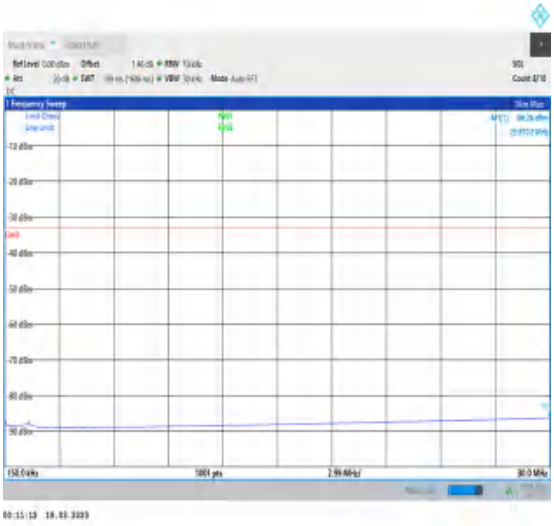
Conducted Spurious Emission for SA

Test Graphs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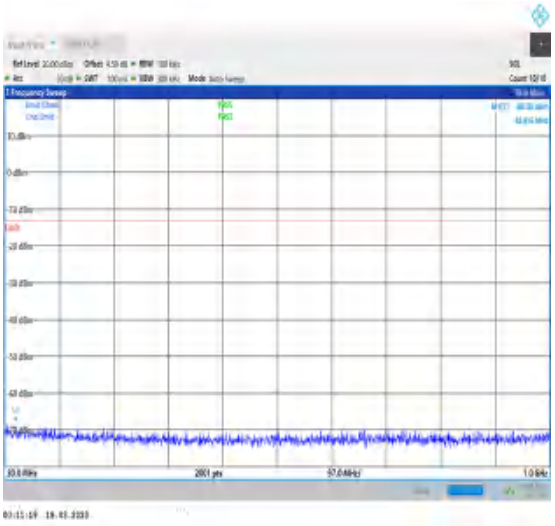	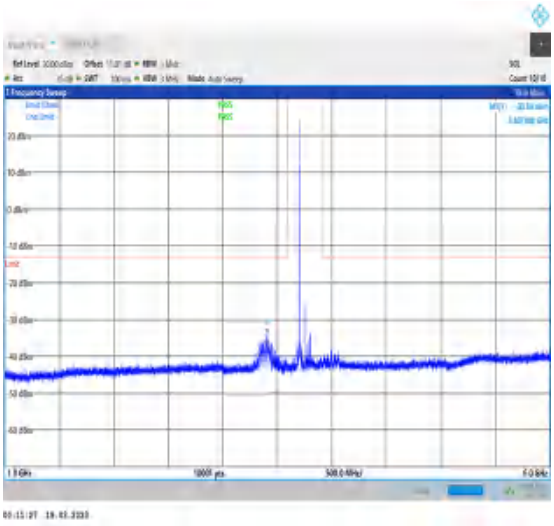
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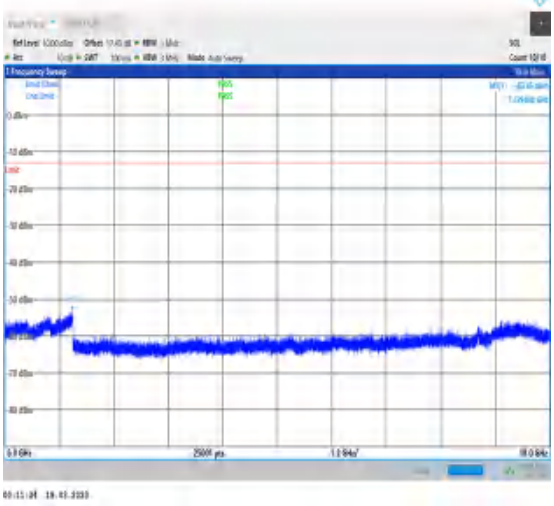	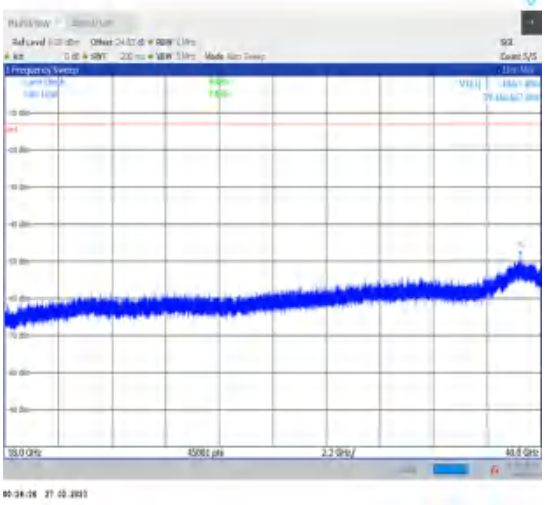
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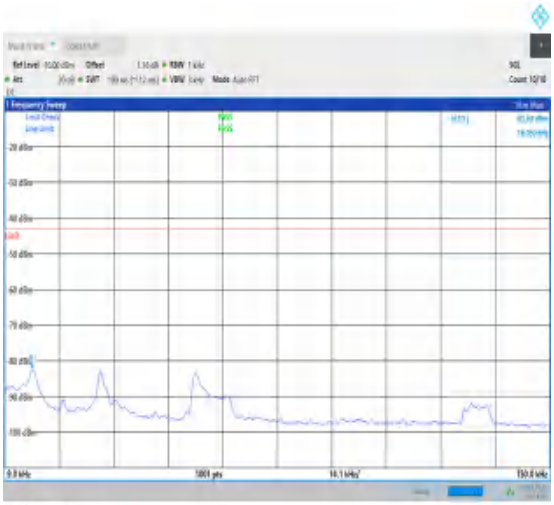	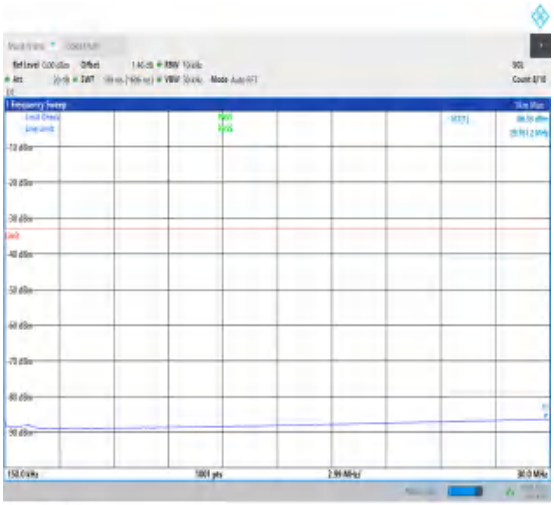
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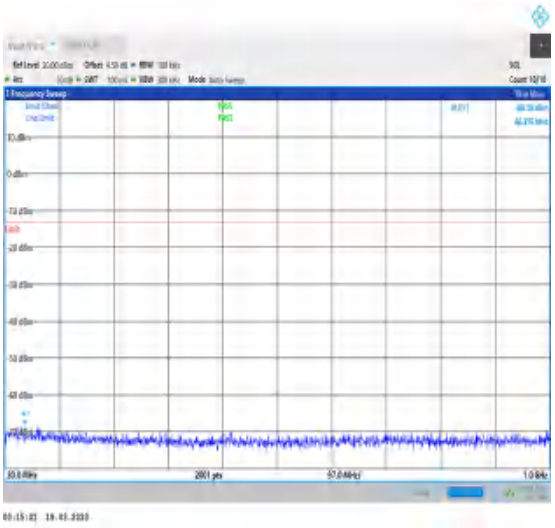	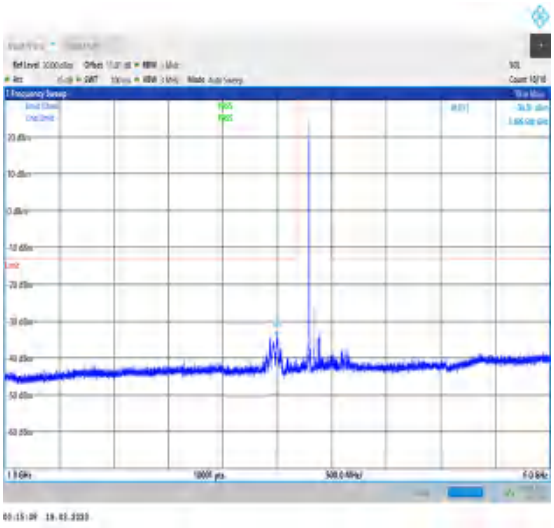
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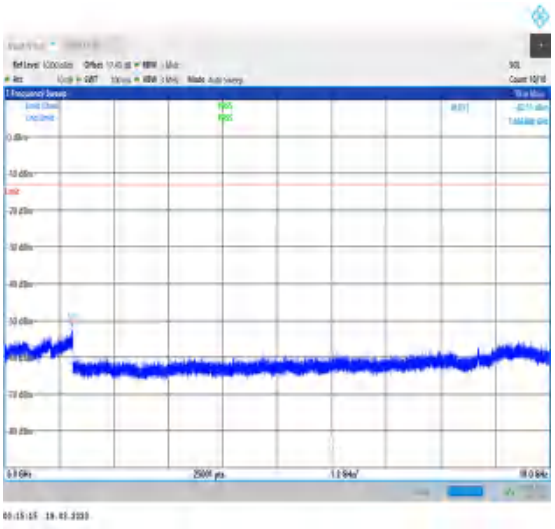	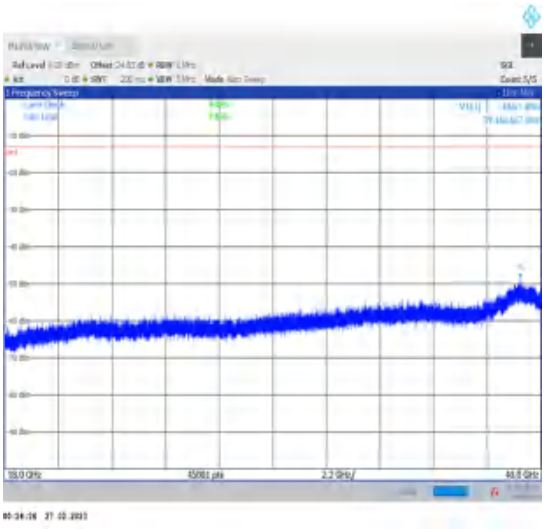
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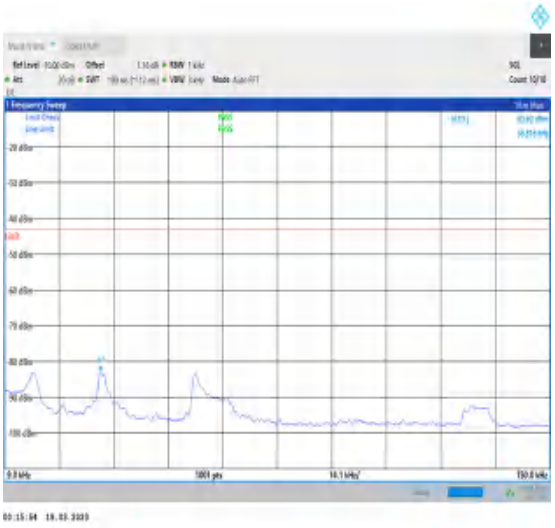	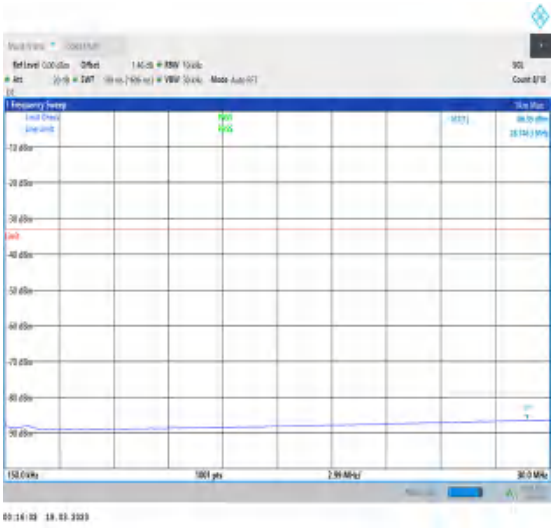
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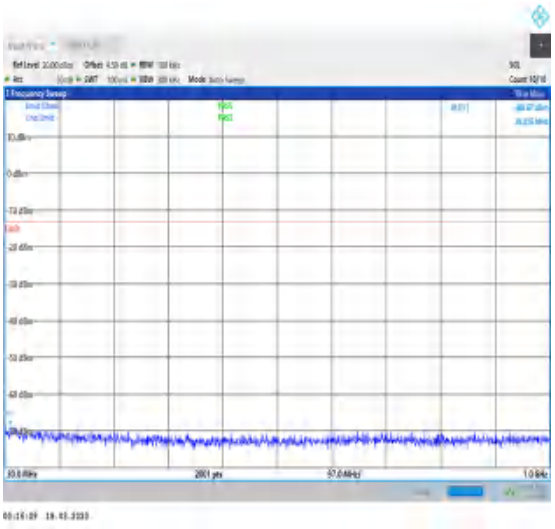	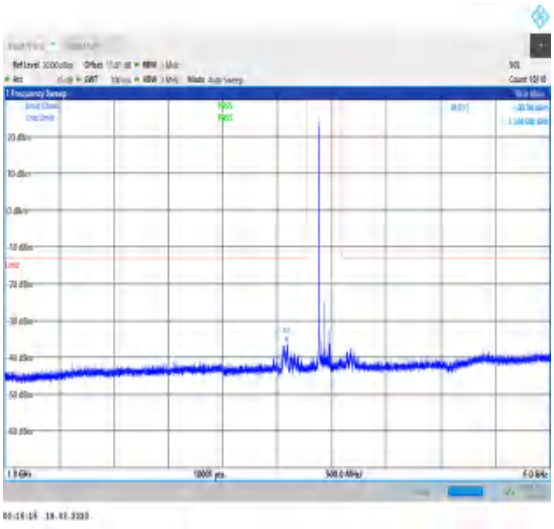
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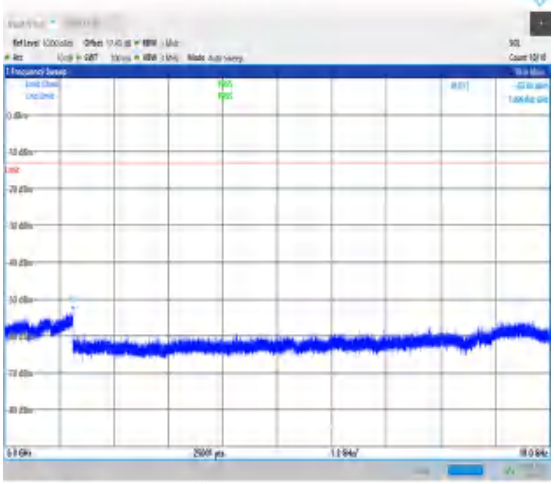	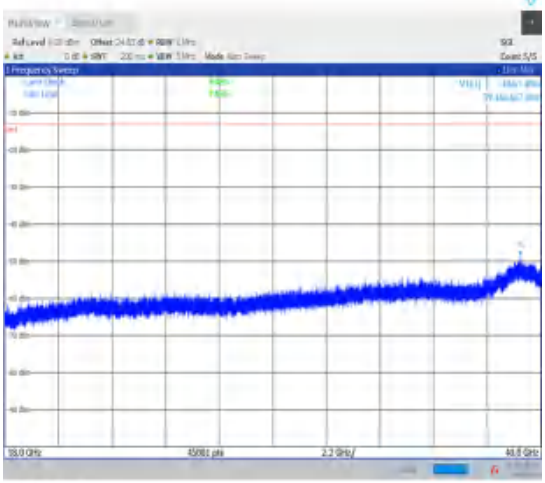
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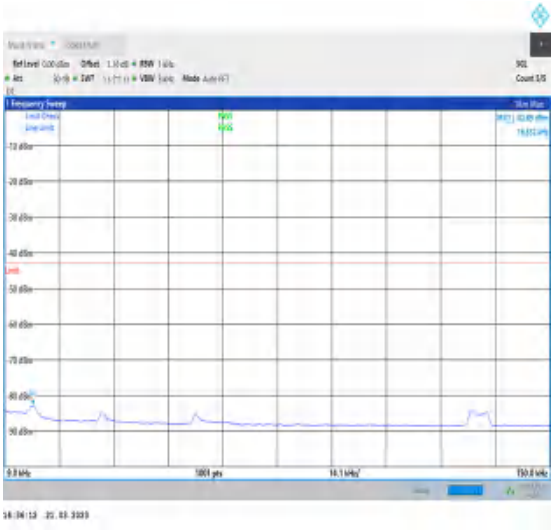
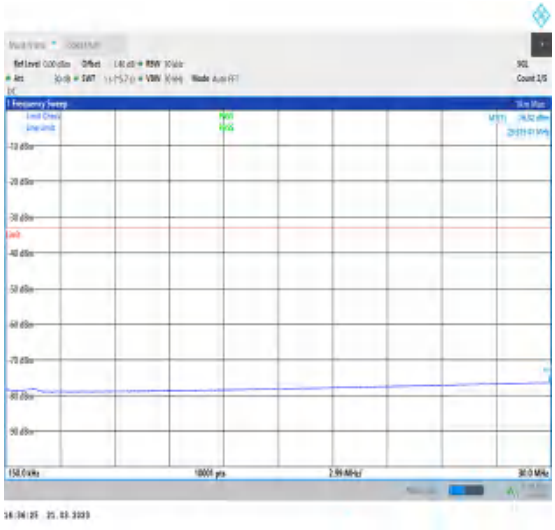
Conducted Spurious Emission for MIMO

Test Graphs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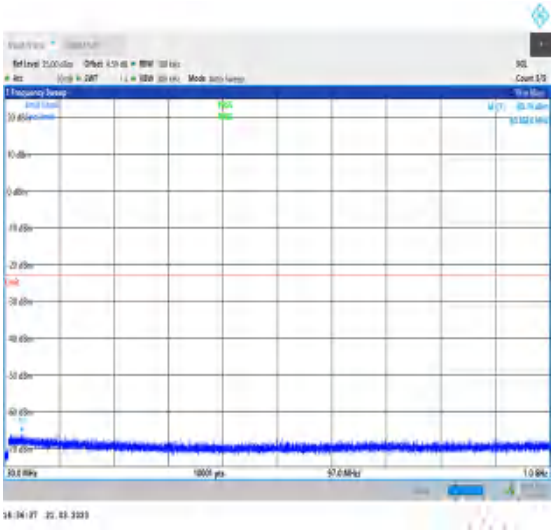	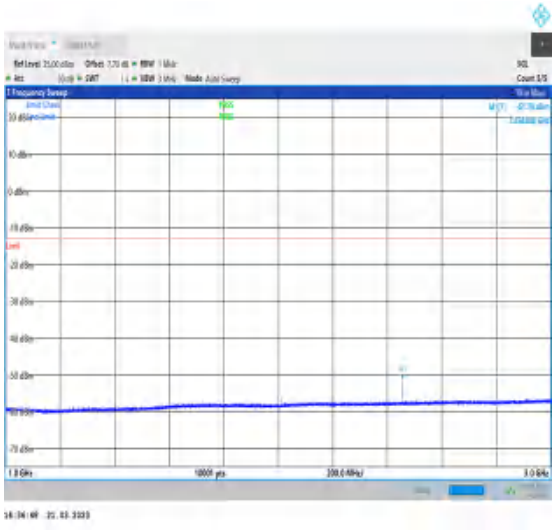
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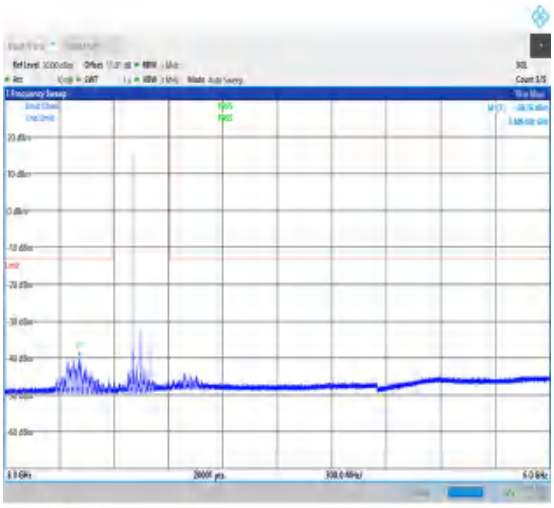	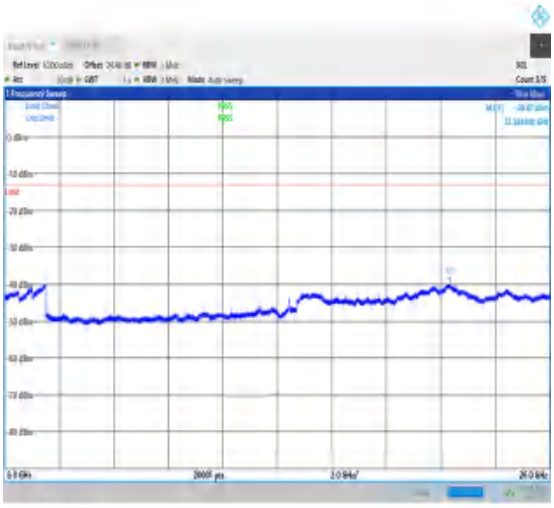
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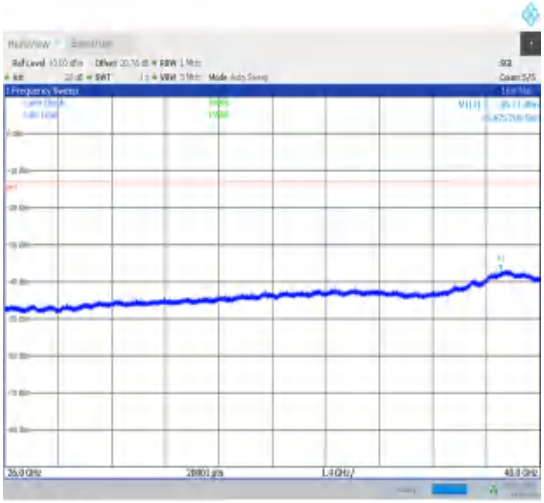	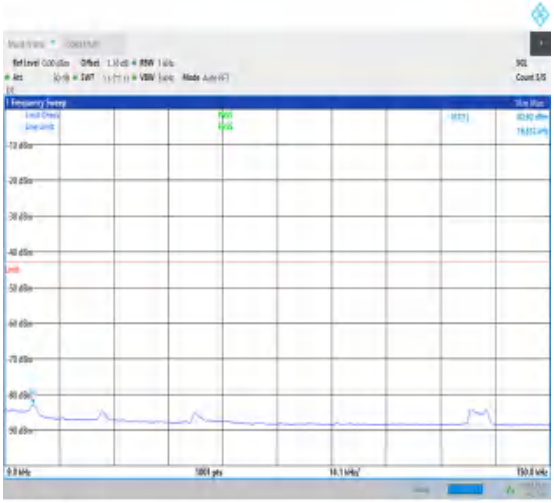
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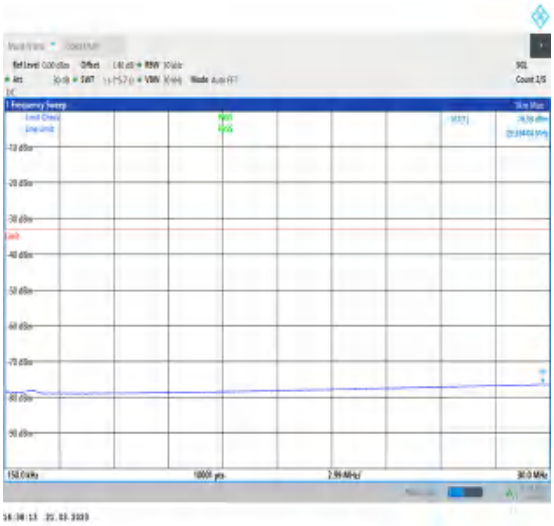

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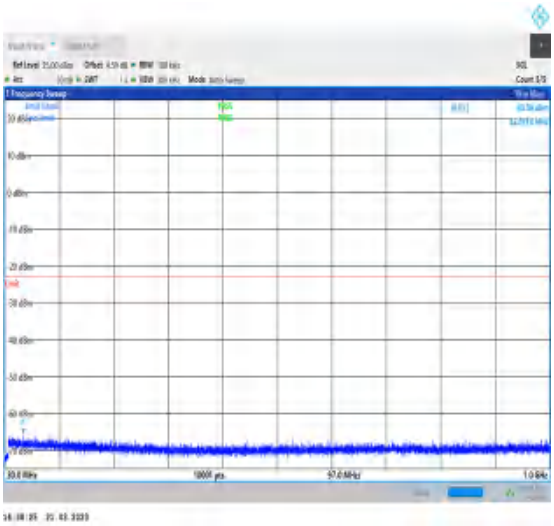

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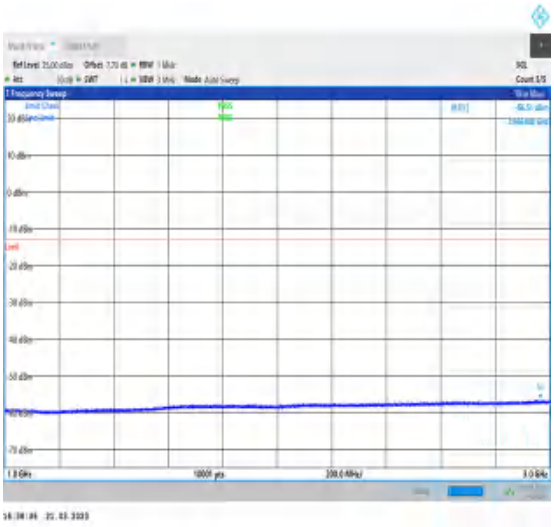

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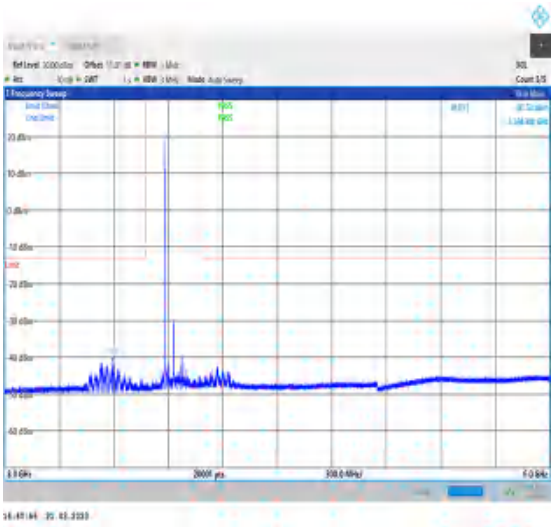

1-N77-3700-3980-30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-6000-Ant0-3465.75--39.26--13-PASS

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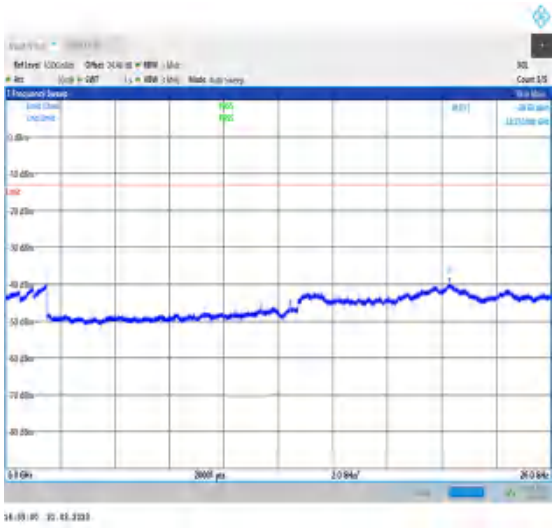	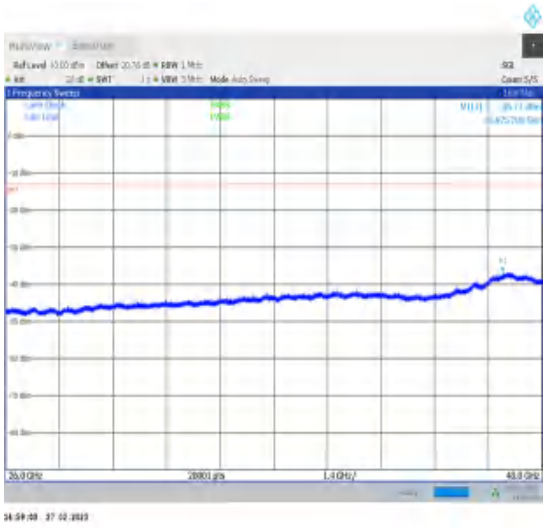
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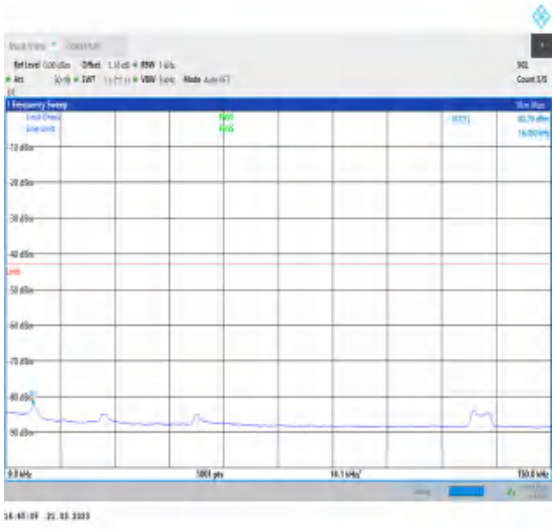	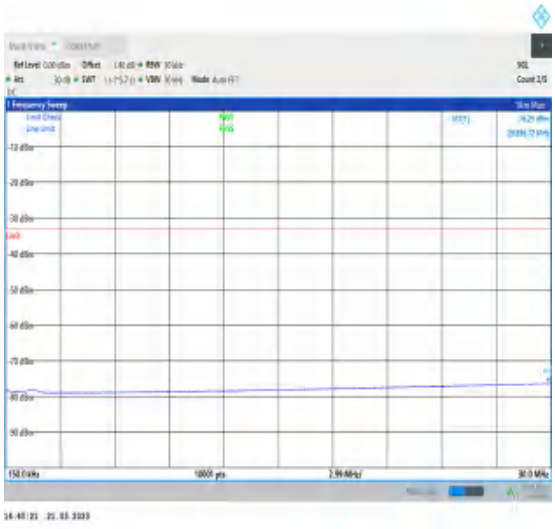
1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.009-0.15-Ant0-0.02--82.70--43-PASS	1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant0-29.86--76.29--33-PASS

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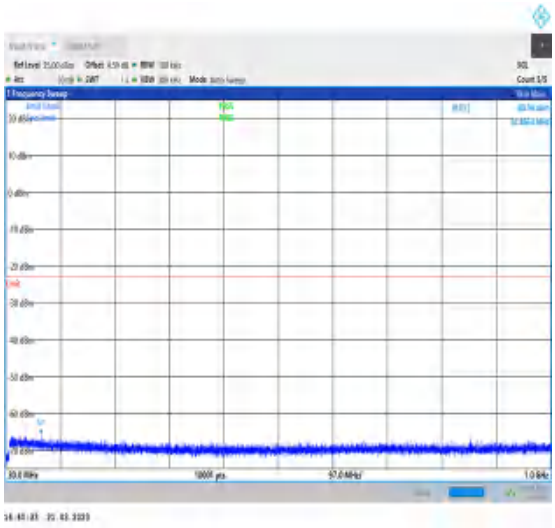	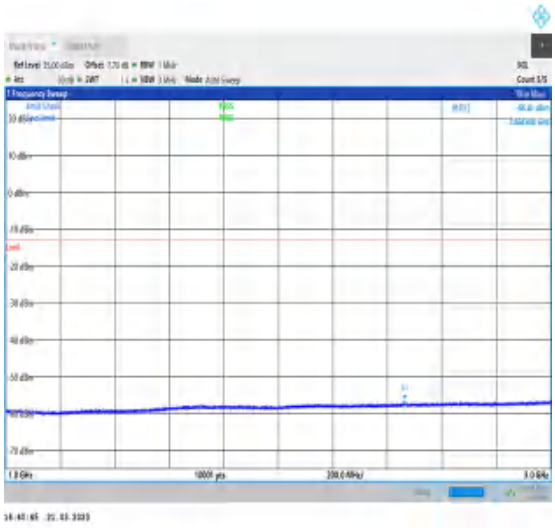
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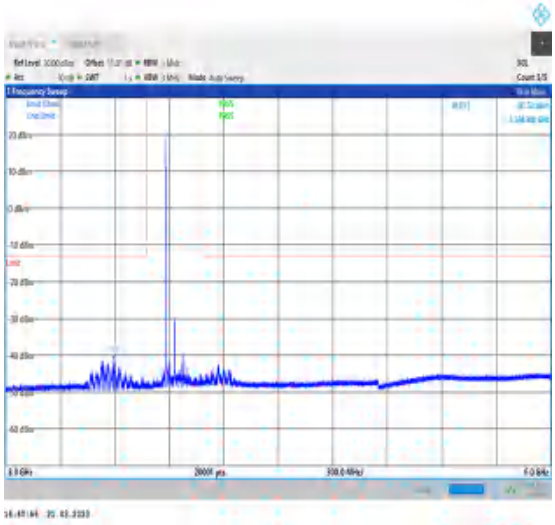	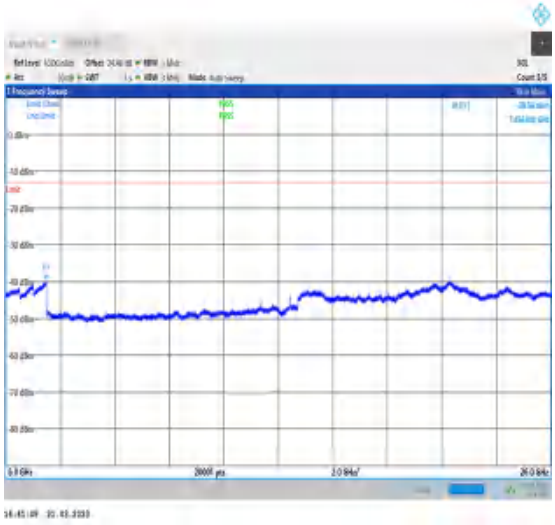
1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-6000-Ant0-3594.30--41.52--13-PASS	1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-6000-26000-Ant0-7456.00--39.56--13-PASS

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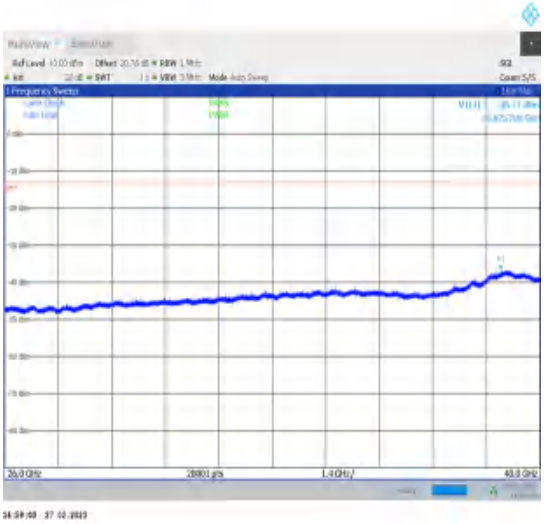	
1-N77-3700-3980-30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-26000-40000-Ant0-26000.00--45.12--13-PASS	

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Field Strength of Spurious Radiation

Test Band = SA Band77 _100MHz_3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6353.75	41.98	-44.12	34.52	-62.87	-13.00	49.87	215	1	Horizontal
2	7310.1800	39.45	-43.52	36.54	-62.79	-13.00	49.79	286	134	Horizontal
3	9376	36.99	-39.68	38.47	-59.48	-13.00	46.48	293	165	Horizontal
4	10965.2700	31.60	-37.70	39.10	-62.27	-13.00	49.27	168	165	Horizontal
5	14620.3600	29.45	-35.28	39.91	-61.17	-13.00	48.17	172	0	Horizontal
6	17963.25	33.69	-34.42	41.99	-54.00	-13.00	41.00	221	50	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5156.1667	45.10	-45.29	32.97	-62.49	-13.00	49.49	289	168	Vertical
2	6616.25	41.97	-43.99	35.47	-61.81	-13.00	48.81	156	52	Vertical
3	7310.1800	39.75	-43.52	36.54	-62.49	-13.00	49.49	214	21	Vertical
4	9611.6667	36.44	-39.07	38.43	-59.46	-13.00	46.46	209	329	Vertical
5	10965.2700	31.81	-37.70	39.10	-62.06	-13.00	49.06	266	313	Vertical
6	14620.3600	30.23	-35.28	39.91	-60.39	-13.00	47.39	151	4	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band77 _100MHz_3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6089.5	42.13	-44.07	34.16	-63.04	-13.00	50.04	205	52	Horizontal
2	7590.1800	38.50	-42.93	36.39	-63.29	-13.00	50.29	187	182	Horizontal
3	9415.6667	36.99	-39.65	38.49	-59.43	-13.00	46.43	142	357	Horizontal
4	11835.2700	29.28	-37.00	38.79	-64.19	-13.00	51.19	263	0	Horizontal
5	15180.3600	27.46	-34.55	38.98	-63.37	-13.00	50.37	228	0	Horizontal
6	17394.5	33.64	-34.99	38.85	-57.76	-13.00	44.76	165	166	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5870.75	42.47	-44.50	33.88	-63.40	-13.00	50.40	245	3	Vertical
2	7590.1800	39.17	-42.93	36.39	-62.62	-13.00	49.62	136	197	Vertical
3	9084.3333	38.30	-40.42	38.26	-59.13	-13.00	46.13	256	263	Vertical
4	11835.2700	29.30	-37.00	38.79	-64.17	-13.00	51.17	218	3	Vertical
5	15180.3600	27.31	-34.55	38.98	-63.52	-13.00	50.52	174	311	Vertical
6	17956.25	33.22	-34.44	41.94	-54.55	-13.00	41.55	126	181	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band77 _100MHz_3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5156.1667	44.76	-45.29	32.97	-62.83	-13.00	49.83	212	266	Horizontal
2	7870.1800	38.61	-42.68	36.86	-62.47	-13.00	49.47	287	297	Horizontal
3	10231.1667	35.25	-39.05	38.82	-60.24	-13.00	47.24	149	357	Horizontal
4	11805.2700	29.14	-37.29	38.76	-64.65	-13.00	51.65	216	0	Horizontal
5	15740.3600	26.03	-32.97	38.27	-63.92	-13.00	50.92	203	200	Horizontal
6	17915.4167	33.59	-34.59	41.65	-54.61	-13.00	41.61	155	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6438.3333	42.79	-44.02	34.78	-61.72	-13.00	48.72	218	3	Vertical
2	7870.1800	39.63	-42.68	36.86	-61.45	-13.00	48.45	195	0	Vertical
3	11225.75	33.42	-37.59	39.11	-60.32	-13.00	47.32	163	133	Vertical
4	11805.2700	29.40	-37.29	38.76	-64.39	-13.00	51.39	233	246	Vertical
5	13602.8333	31.55	-35.66	40.15	-59.23	-13.00	46.23	284	0	Vertical
6	15740.3600	26.15	-32.97	38.27	-63.80	-13.00	50.80	152	197	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band77 _100MHz_ULMIMO 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5318.3333	42.40	-44.91	32.88	-64.89	-13.00	51.89	241	3	Horizontal
2	6794.75	42.11	-43.89	35.83	-61.21	-13.00	48.21	165	346	Horizontal
3	8695.8333	40.39	-41.51	37.91	-58.48	-13.00	45.48	281	182	Horizontal
4	10384.5833	36.45	-39.11	38.86	-59.07	-13.00	46.07	126	266	Horizontal
5	11937.4167	33.48	-36.69	38.90	-59.57	-13.00	46.57	281	0	Horizontal
6	13910.25	33.02	-35.32	40.06	-57.50	-13.00	44.50	196	330	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5267.5833	42.31	-44.97	32.93	-64.99	-13.00	51.99	247	230	Vertical
2	6582.4167	42.08	-44.16	35.37	-61.97	-13.00	48.97	142	263	Vertical
3	6781.9167	41.96	-43.81	35.80	-61.30	-13.00	48.30	136	3	Vertical
4	8246.0833	40.43	-42.03	37.14	-59.72	-13.00	46.72	215	165	Vertical
5	10239.3333	36.78	-39.05	38.82	-58.71	-13.00	45.71	189	3	Vertical
6	13604	33.53	-35.67	40.15	-57.25	-13.00	44.25	192	0	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band77 _100MHz_ULMIMO 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5423.9167	42.80	-45.08	32.83	-64.72	-13.00	51.72	248	1	Horizontal
2	7133.0833	41.66	-43.82	36.43	-60.99	-13.00	47.99	174	356	Horizontal
3	8055.3333	39.96	-41.87	37.03	-60.15	-13.00	47.15	166	4	Horizontal
4	10713.5833	35.69	-38.21	39.15	-58.63	-13.00	45.63	259	231	Horizontal
5	12467.6667	34.46	-36.90	39.14	-58.56	-13.00	45.56	142	70	Horizontal
6	13693.8333	34.96	-36.11	40.06	-56.35	-13.00	43.35	136	36	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5107.1667	43.11	-45.39	32.94	-64.61	-13.00	51.61	211	0	Vertical
2	6793.5833	42.12	-43.89	35.83	-61.20	-13.00	48.20	142	4	Vertical
3	8037.25	40.01	-41.99	37.02	-60.22	-13.00	47.22	251	102	Vertical
4	9648.4167	37.26	-39.18	38.39	-58.79	-13.00	45.79	174	35	Vertical
5	12226.1667	34.74	-37.11	39.12	-58.50	-13.00	45.50	153	0	Vertical
6	14352.4167	33.64	-35.07	40.12	-56.58	-13.00	43.58	211	52	Vertical

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Member of the SGS Group (SGS SA)

Test Band = SA Band77 _100MHz_ULMIMO 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5213.9167	43.15	-45.15	32.98	-64.29	-13.00	51.29	248	356	Horizontal
2	6405.0833	41.64	-43.89	34.64	-62.87	-13.00	49.87	136	197	Horizontal
3	7180.3333	40.87	-43.45	36.55	-61.29	-13.00	48.29	256	248	Horizontal
4	8421.0833	40.93	-41.55	37.37	-58.51	-13.00	45.51	199	0	Horizontal
5	9363.75	37.96	-39.74	38.46	-58.58	-13.00	45.58	174	50	Horizontal
6	11609	34.03	-36.86	38.88	-59.21	-13.00	46.21	150	84	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5584.9167	42.59	-44.90	33.00	-64.57	-13.00	51.57	253	357	Vertical
2	6938.8333	41.65	-43.61	36.01	-61.22	-13.00	48.22	145	84	Vertical
3	7343.6667	41.77	-43.43	36.52	-60.40	-13.00	47.40	166	200	Vertical
4	8750.6667	39.99	-41.22	38.00	-58.49	-13.00	45.49	291	0	Vertical
5	10708.3333	36.18	-38.19	39.15	-58.13	-13.00	45.13	148	264	Vertical
6	13613.3333	33.73	-35.72	40.14	-57.11	-13.00	44.11	173	9	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n77A_ TM1
Test Channel = Low 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.4167	42.25	-45.16	32.98	-65.19	-13.00	52.19	129	3	Horizontal
2	6981.4167	41.48	-43.33	36.06	-61.05	-13.00	48.05	246	47	Horizontal
3	8415.25	39.19	-41.55	37.36	-60.26	-13.00	47.26	271	111	Horizontal
4	11423.5	29.93	-36.99	39.08	-63.23	-13.00	50.23	145	289	Horizontal
5	13734.6667	28.39	-36.15	40.02	-63.00	-13.00	50.00	233	258	Horizontal
6	16472.8333	28.70	-33.54	37.87	-62.23	-13.00	49.23	164	14	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	51.77	-45.23	32.44	-56.28	-13.00	43.28	295	49	Vertical
2	7402	44.42	-43.26	36.49	-57.62	-13.00	44.62	273	49	Vertical
3	9559.1667	35.98	-39.50	38.45	-60.33	-13.00	47.33	128	80	Vertical
4	11433.4167	30.19	-37.00	39.07	-63.00	-13.00	50.00	253	323	Vertical
5	13604	27.70	-35.67	40.15	-63.08	-13.00	50.08	195	32	Vertical
6	16469.9167	29.04	-33.56	37.86	-61.91	-13.00	48.91	142	360	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n77A_ TM1
Test Channel = Mid 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4844.0833	44.29	-45.23	32.44	-63.76	-13.00	50.76	239	30	Horizontal
2	6755.0833	41.24	-43.62	35.75	-61.89	-13.00	48.89	178	47	Horizontal
3	8407.6667	39.51	-41.55	37.35	-59.95	-13.00	46.95	241	191	Horizontal
4	9569.6667	35.68	-39.38	38.45	-60.51	-13.00	47.51	168	175	Horizontal
5	13846.0833	28.26	-35.75	40.00	-62.75	-13.00	49.75	203	224	Horizontal
6	17692	28.14	-33.45	40.12	-60.44	-13.00	47.44	149	271	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4907.0833	43.54	-45.13	32.62	-64.23	-13.00	51.23	289	338	Vertical
2	7343.6667	42.86	-43.43	36.52	-59.31	-13.00	46.31	301	209	Vertical
3	8412.9167	39.72	-41.55	37.36	-59.73	-13.00	46.73	241	360	Vertical
4	9605.8333	34.80	-39.05	38.43	-61.07	-13.00	48.07	215	96	Vertical
5	11379.1667	29.90	-37.09	39.11	-63.34	-13.00	50.34	186	176	Vertical
6	13752.1667	28.32	-36.16	40.01	-63.10	-13.00	50.10	134	96	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 2A_n77A_ TM1
Test Channel = High 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4914.0833	43.50	-45.15	32.64	-64.27	-13.00	51.27	129	166	Horizontal
2	6682.1667	40.66	-43.40	35.60	-62.40	-13.00	49.40	247	281	Horizontal
3	8333	37.04	-41.82	37.25	-62.80	-13.00	49.80	156	197	Horizontal
4	9608.1667	34.78	-39.06	38.43	-61.10	-13.00	48.10	270	360	Horizontal
5	11499.9167	27.99	-37.10	39.00	-65.37	-13.00	52.37	136	214	Horizontal
6	13846.6667	27.84	-35.74	40.00	-63.16	-13.00	50.16	287	332	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	49.33	-45.23	32.44	-58.72	-13.00	45.72	214	46	Vertical
2	6100.5833	41.84	-43.99	34.17	-63.25	-13.00	50.25	172	320	Vertical
3	7656.3333	42.61	-42.95	36.50	-59.10	-13.00	46.10	186	176	Vertical
4	9006.1667	36.04	-40.70	38.20	-61.71	-13.00	48.71	295	96	Vertical
5	11330.1667	29.84	-37.43	39.11	-63.74	-13.00	50.74	134	360	Vertical
6	14322.6667	26.77	-35.54	40.14	-63.89	-13.00	50.89	175	111	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 5A_n77A_ TM1
Test Channel = Low 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4893.6667	43.09	-45.12	32.58	-64.71	-13.00	51.71	297	360	Horizontal
2	6636.0833	40.74	-43.82	35.51	-62.82	-13.00	49.82	148	16	Horizontal
3	8425.75	37.27	-41.55	37.38	-62.16	-13.00	49.16	263	258	Horizontal
4	9484.5	33.76	-40.07	38.47	-63.11	-13.00	50.11	184	339	Horizontal
5	11327.25	27.21	-37.45	39.11	-66.39	-13.00	53.39	256	3	Horizontal
6	13839.6667	25.35	-35.81	40.00	-65.72	-13.00	52.72	142	48	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5312.5	43.16	-44.90	32.88	-64.11	-13.00	51.11	219	208	Vertical
2	7343.6667	40.45	-43.43	36.52	-61.72	-13.00	48.72	256	208	Vertical
3	8403	37.18	-41.55	37.34	-62.29	-13.00	49.29	234	288	Vertical
4	8936.75	34.80	-40.96	38.16	-63.26	-13.00	50.26	172	338	Vertical
5	11368.0833	26.38	-37.17	39.11	-66.94	-13.00	53.94	211	61	Vertical
6	14507.5833	23.73	-34.82	40.00	-66.35	-13.00	53.35	160	239	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 5A_n77A_ TM1
Test Channel = Mid 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5695.75	41.51	-44.85	33.37	-65.23	-13.00	52.23	259	306	Horizontal
2	7007.0833	39.73	-43.27	36.10	-62.70	-13.00	49.70	174	323	Horizontal
3	8404.1667	37.65	-41.55	37.34	-61.82	-13.00	48.82	248	360	Horizontal
4	9462.9167	33.81	-39.94	38.47	-62.92	-13.00	49.92	193	348	Horizontal
5	11394.3333	26.27	-36.99	39.11	-66.87	-13.00	53.87	216	63	Horizontal
6	13605.1667	25.11	-35.68	40.15	-65.68	-13.00	52.68	235	337	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6030	41.59	-44.53	34.14	-64.06	-13.00	51.06	248	32	Vertical
2	7656.3333	41.30	-42.95	36.50	-60.41	-13.00	47.41	195	177	Vertical
3	8414.0833	37.41	-41.55	37.36	-62.04	-13.00	49.04	162	194	Vertical
4	9474	33.46	-40.01	38.47	-63.34	-13.00	50.34	235	80	Vertical
5	11320.25	26.85	-37.50	39.11	-66.80	-13.00	53.80	214	225	Vertical
6	13838.5	25.14	-35.82	39.99	-65.94	-13.00	52.94	127	306	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 5A_n77A_ TM1
Test Channel = High 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4905.3333	43.18	-45.12	32.61	-64.59	-13.00	51.59	277	338	Horizontal
2	6739.9167	40.31	-43.52	35.72	-62.75	-13.00	49.75	185	259	Horizontal
3	8403.5833	37.24	-41.55	37.34	-62.23	-13.00	49.23	162	17	Horizontal
4	9460	33.56	-39.92	38.48	-63.15	-13.00	50.15	135	259	Horizontal
5	12096.6667	24.94	-37.16	39.05	-68.43	-13.00	55.43	248	31	Horizontal
6	13882.8333	24.68	-35.40	40.03	-65.95	-13.00	52.95	175	356	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5312.5	42.24	-44.90	32.88	-65.03	-13.00	52.03	291	194	Vertical
2	7656.3333	40.08	-42.95	36.50	-61.63	-13.00	48.63	183	177	Vertical
3	9478.0833	33.46	-40.03	38.47	-63.36	-13.00	50.36	264	258	Vertical
4	11379.75	26.52	-37.09	39.11	-66.72	-13.00	53.72	187	273	Vertical
5	13906.1667	24.25	-35.29	40.06	-66.24	-13.00	53.24	192	289	Vertical
6	16457.6667	26.73	-33.64	37.84	-64.33	-13.00	51.33	213	359	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_n77A_ TM1
Test Channel = Low 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5472.9167	41.66	-44.97	32.88	-65.69	-13.00	52.69	271	323	Horizontal
2	6729.4167	40.05	-43.44	35.70	-62.95	-13.00	49.95	185	258	Horizontal
3	7907.75	36.62	-42.78	36.90	-64.52	-13.00	51.52	263	226	Horizontal
4	9425.5833	33.27	-39.71	38.48	-63.22	-13.00	50.22	243	349	Horizontal
5	11317.3333	26.66	-37.52	39.11	-67.01	-13.00	54.01	155	194	Horizontal
6	13900.9167	24.51	-35.25	40.05	-65.95	-13.00	52.95	134	274	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6040.5	41.48	-44.45	34.14	-64.08	-13.00	51.08	214	258	Vertical
2	7656.3333	40.61	-42.95	36.50	-61.10	-13.00	48.10	169	177	Vertical
3	9423.25	33.27	-39.69	38.48	-63.20	-13.00	50.20	285	258	Vertical
4	11330.1667	26.58	-37.43	39.11	-67.00	-13.00	54.00	135	112	Vertical
5	13850.75	25.10	-35.70	40.01	-65.86	-13.00	52.86	247	338	Vertical
6	17223.5833	27.41	-35.25	38.64	-64.46	-13.00	51.46	158	272	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_n77A_ TM1
Test Channel = Mid 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	43.43	-45.23	32.44	-64.62	-13.00	51.62	159	30	Horizontal
2	6425.5	41.10	-43.97	34.72	-63.41	-13.00	50.41	248	142	Horizontal
3	8414.6667	37.53	-41.55	37.36	-61.92	-13.00	48.92	163	360	Horizontal
4	9560.3333	33.39	-39.48	38.45	-62.90	-13.00	49.90	284	358	Horizontal
5	11383.25	26.50	-37.07	39.11	-66.72	-13.00	53.72	117	225	Horizontal
6	13833.25	25.88	-35.87	39.99	-65.26	-13.00	52.26	185	62	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5048.8333	42.45	-45.38	32.91	-65.29	-13.00	52.29	234	360	Vertical
2	5981	41.64	-44.70	34.09	-64.23	-13.00	51.23	189	294	Vertical
3	7187.3333	39.68	-43.39	36.57	-62.40	-13.00	49.40	265	196	Vertical
4	7656.3333	40.77	-42.95	36.50	-60.94	-13.00	47.94	155	180	Vertical
5	9481.5833	34.15	-40.06	38.47	-62.70	-13.00	49.70	142	360	Vertical
6	11390.25	27.22	-37.02	39.11	-65.95	-13.00	52.95	276	261	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NSA 7A_n77A_ TM1
Test Channel = High 3700-3980

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4940.3333	43.33	-45.21	32.71	-64.43	-13.00	51.43	278	129	Horizontal
2	5985.6667	42.25	-44.72	34.10	-63.62	-13.00	50.62	149	144	Horizontal
3	7032.75	40.23	-43.49	36.17	-62.36	-13.00	49.36	250	63	Horizontal
4	8420.5	38.07	-41.55	37.37	-61.37	-13.00	48.37	163	289	Horizontal
5	9467.5833	33.91	-39.97	38.47	-62.85	-13.00	49.85	284	97	Horizontal
6	13858.9167	25.24	-35.63	40.01	-65.63	-13.00	52.63	203	356	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4926.3333	43.11	-45.18	32.67	-64.65	-13.00	51.65	216	210	Vertical
2	6730	40.23	-43.45	35.70	-62.78	-13.00	49.78	239	94	Vertical
3	8418.1667	37.22	-41.55	37.37	-62.22	-13.00	49.22	287	359	Vertical
4	9528.25	33.99	-39.85	38.46	-62.66	-13.00	49.66	142	227	Vertical
5	11251.4167	27.60	-37.61	39.11	-66.16	-13.00	53.16	156	160	Vertical
6	16380.6667	27.53	-34.04	37.71	-64.06	-13.00	51.06	230	359	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6505.4167	41.74	-44.26	35.05	-62.73	-13.00	49.73	218	124	Horizontal
2	7458.5833	41.14	-43.10	36.46	-60.76	-13.00	47.76	142	1	Horizontal
3	9592.4167	35.92	-39.12	38.44	-60.01	-13.00	47.01	136	140	Horizontal
4	11141.1667	32.97	-37.62	39.10	-60.81	-13.00	47.81	145	243	Horizontal
5	13906.1667	29.52	-35.29	40.06	-60.97	-13.00	47.97	251	207	Horizontal
6	14445.75	29.06	-34.53	40.05	-60.68	-13.00	47.68	188	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	47.79	-45.23	32.44	-60.26	-13.00	47.26	211	181	Vertical
2	5671.25	48.16	-44.86	33.28	-58.68	-13.00	45.68	154	2	Vertical
3	7343.6667	43.27	-43.43	36.52	-58.90	-13.00	45.90	136	164	Vertical
4	8406.5	39.76	-41.55	37.34	-59.71	-13.00	46.71	259	130	Vertical
5	9575.5	35.89	-39.31	38.45	-60.23	-13.00	47.23	188	214	Vertical
6	12836.3333	30.26	-36.85	39.67	-62.19	-13.00	49.19	174	84	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	44.90	-45.23	32.44	-63.15	-13.00	50.15	211	296	Horizontal
2	5671.8333	46.66	-44.86	33.28	-60.18	-13.00	47.18	148	84	Horizontal
3	7669.1667	40.64	-42.95	36.52	-61.05	-13.00	48.05	185	67	Horizontal
4	8402.4167	39.74	-41.55	37.34	-59.73	-13.00	46.73	196	296	Horizontal
5	10496	33.83	-38.60	38.96	-61.08	-13.00	48.08	251	231	Horizontal
6	12223.25	30.83	-37.11	39.12	-62.42	-13.00	49.42	142	148	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5671.8333	50.00	-44.86	33.28	-56.84	-13.00	43.84	211	0	Vertical
2	6655.9167	41.90	-43.64	35.55	-61.44	-13.00	48.44	196	99	Vertical
3	7343.6667	43.42	-43.43	36.52	-58.75	-13.00	45.75	154	164	Vertical
4	8417	39.31	-41.55	37.37	-60.13	-13.00	47.13	184	164	Vertical
5	10122.0833	34.75	-39.06	38.69	-60.89	-13.00	47.89	111	68	Vertical
6	13605.1667	29.45	-35.68	40.15	-61.34	-13.00	48.34	136	0	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 2A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4917	43.56	-45.15	32.65	-64.20	-13.00	51.20	215	312	Horizontal
2	7165.1667	40.82	-43.57	36.51	-61.50	-13.00	48.50	145	329	Horizontal
3	7439.3333	41.28	-43.16	36.47	-60.67	-13.00	47.67	188	182	Horizontal
4	8594.9167	39.35	-41.41	37.74	-59.58	-13.00	46.58	169	84	Horizontal
5	10546.75	35.46	-38.63	39.01	-59.42	-13.00	46.42	122	357	Horizontal
6	14768.3333	32.01	-35.00	39.70	-58.55	-13.00	45.55	236	197	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5233.1667	43.16	-45.09	32.96	-64.23	-13.00	51.23	218	246	Vertical
2	6666.4167	41.49	-43.54	35.57	-61.74	-13.00	48.74	174	230	Vertical
3	7343.6667	43.76	-43.43	36.52	-58.41	-13.00	45.41	169	165	Vertical
4	8376.75	40.13	-41.65	37.30	-59.47	-13.00	46.47	153	261	Vertical
5	10338.5	36.04	-39.06	38.84	-59.43	-13.00	46.43	251	66	Vertical
6	10338.5	36.04	-39.06	38.84	-59.43	-13.00	46.43	145	66	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 5A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5547	41.89	-44.91	32.96	-65.31	-13.00	52.31	215	329	Horizontal
2	6804.6667	40.93	-43.93	35.85	-62.41	-13.00	49.41	144	54	Horizontal
3	8427.5	36.86	-41.55	37.39	-62.56	-13.00	49.56	136	282	Horizontal
4	9472.8333	33.86	-40.00	38.47	-62.93	-13.00	49.93	256	250	Horizontal
5	12796.0833	25.90	-36.73	39.62	-66.47	-13.00	53.47	291	215	Horizontal
6	13882.25	25.96	-35.41	40.03	-64.67	-13.00	51.67	148	233	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4843.5	49.10	-45.23	32.44	-58.95	-13.00	45.95	126	54	Vertical
2	5956.5	41.35	-44.63	34.05	-64.49	-13.00	51.49	254	280	Vertical
3	7343.6667	39.07	-43.43	36.52	-63.10	-13.00	50.10	148	166	Vertical
4	9415.0833	33.41	-39.64	38.49	-63.01	-13.00	50.01	196	0	Vertical
5	10466.8333	28.44	-38.76	38.93	-66.66	-13.00	53.66	155	0	Vertical
6	13797.6667	25.94	-36.18	39.96	-65.54	-13.00	52.54	133	311	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 5A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5551.6667	41.90	-44.90	32.97	-65.30	-13.00	52.30	248	103	Horizontal
2	6991.9167	39.38	-43.26	36.07	-63.07	-13.00	50.07	185	54	Horizontal
3	8464.25	36.27	-41.55	37.46	-63.08	-13.00	50.08	174	199	Horizontal
4	10570.6667	27.74	-38.66	39.03	-67.15	-13.00	54.15	136	0	Horizontal
5	12796.0833	26.10	-36.73	39.62	-66.27	-13.00	53.27	256	232	Horizontal
6	15411.1667	24.30	-33.95	38.69	-66.22	-13.00	53.22	219	168	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5486.3333	42.10	-44.94	32.89	-65.21	-13.00	52.21	174	4	Vertical
2	6700.25	39.87	-43.24	35.64	-62.99	-13.00	49.99	125	40	Vertical
3	7969	37.10	-42.42	36.97	-63.61	-13.00	50.61	136	183	Vertical
4	9556.8333	33.17	-39.52	38.45	-63.16	-13.00	50.16	256	249	Vertical
5	11324.9167	27.72	-37.47	39.11	-65.90	-13.00	52.90	211	87	Vertical
6	13759.1667	25.80	-36.16	40.00	-65.62	-13.00	52.62	149	357	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 5A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4978.25	42.21	-45.31	32.82	-65.54	-13.00	52.54	211	357	Horizontal
2	7148.25	39.07	-43.70	36.47	-63.42	-13.00	50.42	145	357	Horizontal
3	8023.8333	36.37	-42.08	37.02	-63.95	-13.00	50.95	185	266	Horizontal
4	10000.1667	30.23	-39.42	38.49	-65.96	-13.00	52.96	126	166	Horizontal
5	12226.75	25.93	-37.11	39.12	-67.31	-13.00	54.31	236	99	Horizontal
6	15356.9167	24.42	-33.88	38.76	-65.96	-13.00	52.96	251	297	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5748.25	40.65	-44.72	33.56	-65.77	-13.00	52.77	255	64	Vertical
2	7187.3333	39.15	-43.39	36.57	-62.93	-13.00	49.93	148	166	Vertical
3	9482.1667	34.21	-40.06	38.47	-62.64	-13.00	49.64	186	330	Vertical
4	10673.3333	26.94	-38.31	39.12	-67.51	-13.00	54.51	256	2	Vertical
5	13608.6667	24.40	-35.69	40.14	-66.41	-13.00	53.41	236	49	Vertical
6	14530.9167	24.14	-34.98	39.99	-66.11	-13.00	53.11	259	263	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 7A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4386	41.91	-45.78	31.48	-67.65	-13.00	54.65	254	359	Horizontal
2	5051.25	44.56	-45.50	32.91	-63.29	-13.00	50.29	136	120	Horizontal
3	6589.5	40.40	-44.38	35.40	-63.84	-13.00	50.84	256	302	Horizontal
4	6990.75	39.75	-43.60	36.07	-63.04	-13.00	50.04	215	242	Horizontal
5	9459	34.01	-40.07	38.48	-62.84	-13.00	49.84	148	30	Horizontal
6	13710.75	26.36	-36.19	40.04	-65.04	-13.00	52.04	185	182	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5051.25	48.31	-45.50	32.91	-59.54	-13.00	46.54	214	46	Vertical
2	6067.5	40.99	-44.57	34.15	-64.69	-13.00	51.69	136	360	Vertical
3	6981	39.99	-43.65	36.06	-62.87	-13.00	49.87	256	195	Vertical
4	8441.25	37.22	-41.52	37.42	-62.14	-13.00	49.14	291	14	Vertical
5	9474	33.93	-40.13	38.47	-62.98	-13.00	49.98	184	150	Vertical
6	17858.25	27.91	-34.56	41.24	-60.67	-13.00	47.67	155	105	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 7A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4418.25	42.26	-45.80	31.53	-67.27	-13.00	54.27	251	30	Horizontal
2	4843.5	44.71	-45.54	32.44	-63.64	-13.00	50.64	123	30	Horizontal
3	5989.5	41.10	-44.84	34.11	-64.89	-13.00	51.89	269	359	Horizontal
4	6609	40.15	-44.30	35.46	-63.95	-13.00	50.95	296	59	Horizontal
5	7576.5	42.53	-42.98	36.40	-59.31	-13.00	46.31	285	120	Horizontal
6	9058.5	34.44	-40.62	38.24	-63.20	-13.00	50.20	142	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4218.75	43.10	-45.73	31.14	-66.75	-13.00	53.75	255	29	Vertical
2	5051.25	47.31	-45.50	32.91	-60.54	-13.00	47.54	130	43	Vertical
3	6526.5	40.32	-44.54	35.14	-64.34	-13.00	51.34	215	150	Vertical
4	7016.25	39.79	-43.66	36.12	-63.01	-13.00	50.01	145	342	Vertical
5	9487.5	34.21	-40.18	38.47	-62.76	-13.00	49.76	186	4	Vertical
6	13713	26.03	-36.19	40.04	-65.38	-13.00	52.38	291	43	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 7A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4531.5	43.18	-45.70	31.64	-66.14	-13.00	53.14	284	26	Horizontal
2	5051.25	44.43	-45.50	32.91	-63.42	-13.00	50.42	174	43	Horizontal
3	6759	40.07	-44.02	35.76	-63.45	-13.00	50.45	156	283	Horizontal
4	7576.5	41.28	-42.98	36.40	-60.56	-13.00	47.56	291	13	Horizontal
5	11334.75	28.20	-37.40	39.11	-65.35	-13.00	52.35	144	359	Horizontal
6	13377	25.46	-36.44	40.12	-66.12	-13.00	53.12	180	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4244.25	42.49	-45.67	31.19	-67.25	-13.00	54.25	255	118	Vertical
2	5714.25	40.88	-44.84	33.44	-65.78	-13.00	52.78	145	357	Vertical
3	6527.25	40.39	-44.54	35.14	-64.27	-13.00	51.27	186	177	Vertical
4	7656	39.45	-43.04	36.50	-62.35	-13.00	49.35	291	134	Vertical
5	9442.5	33.98	-40.00	38.48	-62.80	-13.00	49.80	142	329	Vertical
6	11316	27.83	-37.41	39.11	-65.73	-13.00	52.73	222	268	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 12A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2187.4286	44.62	-47.68	27.30	-71.03	-13.00	58.03	215	0	Horizontal
2	2729.7143	43.47	-47.01	28.35	-70.45	-13.00	57.45	136	164	Horizontal
3	3492	43.73	-46.54	29.51	-68.56	-13.00	55.56	256	335	Horizontal
4	4218.8571	43.27	-45.93	31.14	-66.78	-13.00	53.78	145	322	Horizontal
5	5940.5714	41.05	-44.75	34.02	-64.94	-13.00	51.94	125	20	Horizontal
6	6754.8571	39.46	-44.09	35.75	-64.14	-13.00	51.14	199	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1874.8571	45.43	-48.02	25.88	-71.97	-13.00	58.97	254	185	Vertical
2	2388	43.89	-47.46	27.43	-71.39	-13.00	58.39	185	41	Vertical
3	3001.7143	43.29	-46.52	29.35	-69.14	-13.00	56.14	145	359	Vertical
4	3125.1429	47.24	-46.63	29.56	-65.10	-13.00	52.10	136	349	Vertical
5	4844	48.82	-45.61	32.44	-59.61	-13.00	46.61	259	314	Vertical
6	7187.4286	38.79	-43.91	36.57	-63.82	-13.00	50.82	155	185	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 12A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2031.4286	45.54	-47.84	26.75	-70.81	-13.00	57.81	248	295	Horizontal
2	2350.8571	43.88	-47.47	27.42	-71.44	-13.00	58.44	169	151	Horizontal
3	2992.5714	43.48	-46.52	29.32	-68.99	-13.00	55.99	185	335	Horizontal
4	3170.8571	43.46	-46.42	29.63	-68.59	-13.00	55.59	142	357	Horizontal
5	4218.8571	43.24	-45.93	31.14	-66.81	-13.00	53.81	136	322	Horizontal
6	4889.7143	42.74	-45.59	32.57	-65.53	-13.00	52.53	222	295	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	59.67	-48.12	25.40	-58.31	-13.00	45.31	284	195	Vertical
2	2187.4286	44.65	-47.68	27.30	-71.00	-13.00	58.00	175	130	Vertical
3	2812.5714	44.10	-46.88	28.53	-69.50	-13.00	56.50	145	325	Vertical
4	3125.1429	46.92	-46.63	29.56	-65.42	-13.00	52.42	136	347	Vertical
5	4029.1429	42.09	-46.11	30.84	-68.44	-13.00	55.44	259	208	Vertical
6	4531.4286	46.55	-45.66	31.64	-62.73	-13.00	49.73	155	51	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 12A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	57.26	-48.12	25.40	-60.72	-13.00	47.72	254	60	Horizontal
2	2302.2857	43.88	-47.50	27.39	-71.49	-13.00	58.49	136	1	Horizontal
3	2656	44.12	-47.00	28.21	-69.93	-13.00	56.93	259	307	Horizontal
4	3125.1429	50.24	-46.63	29.56	-62.10	-13.00	49.10	188	163	Horizontal
5	5036	41.63	-45.66	32.90	-66.39	-13.00	53.39	145	281	Horizontal
6	5982.2857	40.61	-44.53	34.10	-65.08	-13.00	52.08	180	215	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	59.40	-48.12	25.40	-58.58	-13.00	45.58	284	195	Vertical
2	2242.2857	44.23	-47.60	27.36	-71.27	-13.00	58.27	175	195	Vertical
3	3125.1429	47.48	-46.63	29.56	-64.86	-13.00	51.86	136	349	Vertical
4	3482.2857	43.49	-46.54	29.50	-68.81	-13.00	55.81	259	181	Vertical
5	4531.4286	45.96	-45.66	31.64	-63.32	-13.00	50.32	144	50	Vertical
6	6610.2857	39.71	-44.45	35.46	-64.54	-13.00	51.54	150	79	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 25A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8404.6875	40.09	-41.55	37.34	-59.38	-13.00	46.38	211	243	Horizontal
2	9646.2083	37.75	-39.17	38.39	-58.29	-13.00	45.29	236	4	Horizontal
3	9646.2083	37.75	-39.17	38.39	-58.29	-13.00	45.29	251	4	Horizontal
4	11197.2708	35.19	-37.57	39.11	-58.53	-13.00	45.53	148	159	Horizontal
5	13677.9167	34.19	-36.03	40.08	-57.03	-13.00	44.03	196	306	Horizontal
6	16460.9167	34.38	-33.61	37.84	-56.65	-13.00	43.65	185	209	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3753.4375	36.31	-21.52	30.16	-50.30	-13.00	37.30	248	14	Vertical
2	4964.8125	24.90	-19.65	32.78	-57.23	-13.00	44.23	145	90	Vertical
3	5898.4375	28.25	-18.74	33.94	-51.82	-13.00	38.82	195	7	Vertical
4	7343.8125	43.44	-43.43	36.52	-58.73	-13.00	45.73	184	198	Vertical
5	9609.3125	36.76	-39.06	38.43	-59.13	-13.00	46.13	175	63	Vertical
6	12502.0417	34.63	-36.65	39.18	-58.10	-13.00	45.10	125	352	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 25A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.2292	41.50	-42.95	36.50	-60.21	-13.00	47.21	248	304	Horizontal
2	8806.7083	38.90	-40.94	38.08	-59.22	-13.00	46.22	174	208	Horizontal
3	10458.3958	36.28	-38.81	38.92	-58.87	-13.00	45.87	156	191	Horizontal
4	11144.5625	35.12	-37.62	39.10	-58.66	-13.00	45.66	192	63	Horizontal
5	13842.2708	34.28	-35.78	40.00	-56.76	-13.00	43.76	145	360	Horizontal
6	13842.2708	34.28	-35.78	40.00	-56.76	-13.00	43.76	136	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.8125	43.68	-43.43	36.52	-58.49	-13.00	45.49	247	177	Vertical
2	9287.3125	38.42	-40.11	38.41	-58.54	-13.00	45.54	148	356	Vertical
3	11203.5	35.56	-37.57	39.11	-58.16	-13.00	45.16	156	18	Vertical
4	13491.5208	33.81	-36.91	40.15	-58.21	-13.00	45.21	144	18	Vertical
5	13710.0208	34.56	-36.14	40.05	-56.80	-13.00	43.80	152	276	Vertical
6	14429.7292	32.67	-34.45	40.06	-56.98	-13.00	43.98	188	18	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 25A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7418.5625	41.85	-43.22	36.48	-60.15	-13.00	47.15	245	360	Horizontal
2	8851.75	39.18	-41.02	38.11	-58.99	-13.00	45.99	188	194	Horizontal
3	9977.7917	36.93	-39.36	38.46	-59.23	-13.00	46.23	136	178	Horizontal
4	10708.5208	35.93	-38.19	39.15	-58.38	-13.00	45.38	256	258	Horizontal
5	12458.4375	34.51	-36.97	39.13	-58.59	-13.00	45.59	291	275	Horizontal
6	13486.25	34.05	-36.90	40.15	-57.96	-13.00	44.96	145	325	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.2292	45.43	-42.95	36.50	-56.28	-13.00	43.28	244	179	Vertical
2	9320.8542	38.22	-39.97	38.43	-58.58	-13.00	45.58	186	32	Vertical
3	11093.7708	35.59	-37.67	39.09	-58.25	-13.00	45.25	191	196	Vertical
4	13506.375	34.34	-36.86	40.15	-57.63	-13.00	44.63	145	344	Vertical
5	14377.5	33.14	-34.68	40.10	-56.70	-13.00	43.70	156	16	Vertical
6	14494.8958	32.60	-34.75	40.01	-57.39	-13.00	44.39	231	163	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 41A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7414.825	38.57	-42.85	36.48	-63.05	-13.00	50.05	254	133	Horizontal
2	8421.075	37.08	-41.46	37.37	-62.27	-13.00	49.27	136	117	Horizontal
3	9416.975	32.98	-39.93	38.49	-63.72	-13.00	50.72	256	164	Horizontal
4	11244.9	25.86	-36.88	39.11	-67.17	-13.00	54.17	291	326	Horizontal
5	13853.675	24.50	-35.89	40.01	-66.64	-13.00	53.64	145	208	Horizontal
6	15770.725	23.69	-33.12	38.24	-66.45	-13.00	53.45	258	359	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8421.075	36.55	-41.46	37.37	-62.80	-13.00	49.80	245	360	Vertical
2	8537.8	35.26	-41.46	37.62	-63.84	-13.00	50.84	169	360	Vertical
3	10022.45	29.84	-39.23	38.53	-66.12	-13.00	53.12	184	238	Vertical
4	11219.6	25.48	-36.72	39.11	-67.39	-13.00	54.39	145	238	Vertical
5	13768.575	24.80	-36.17	39.99	-66.64	-13.00	53.64	125	103	Vertical
6	13768.575	24.80	-36.17	39.99	-66.64	-13.00	53.64	211	103	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 41A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7398.725	38.23	-42.80	36.49	-63.34	-13.00	50.34	245	89	Horizontal
2	8533.775	35.98	-41.49	37.61	-63.16	-13.00	50.16	122	360	Horizontal
3	9468.725	32.90	-39.95	38.47	-63.83	-13.00	50.83	236	352	Horizontal
4	11227.07	25.61	-36.77	39.11	-67.31	-13.00	54.31	142	89	Horizontal
5	12859.5	24.98	-36.77	39.69	-67.36	-13.00	54.36	185	103	Horizontal
6	12859.5	24.98	-36.77	39.69	-67.36	-13.00	54.36	169	103	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	40.18	-42.86	36.50	-61.44	-13.00	48.44	245	298	Vertical
2	9549.8	32.82	-39.58	38.45	-63.57	-13.00	50.57	222	238	Vertical
3	9989.1	29.56	-39.36	38.48	-66.59	-13.00	53.59	256	359	Vertical
4	11225.35	25.51	-36.76	39.11	-67.40	-13.00	54.40	148	269	Vertical
5	12821.55	24.65	-36.67	39.65	-67.63	-13.00	54.63	195	163	Vertical
6	15186.525	23.49	-33.86	38.97	-66.66	-13.00	53.66	172	120	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 41A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7440.7	37.98	-42.94	36.47	-63.76	-13.00	50.76	254	42	Horizontal
2	8481.45	36.25	-41.72	37.50	-63.23	-13.00	50.23	136	349	Horizontal
3	10057.525	29.47	-38.99	38.58	-66.20	-13.00	53.20	259	191	Horizontal
4	11398.425	25.61	-37.51	39.11	-68.05	-13.00	55.05	184	360	Horizontal
5	13762.825	24.55	-36.15	40.00	-66.87	-13.00	53.87	175	73	Horizontal
6	14501.7	22.93	-34.25	40.01	-66.57	-13.00	53.57	144	73	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	39.14	-42.86	36.50	-62.48	-13.00	49.48	184	133	Vertical
2	9515.875	33.12	-39.84	38.46	-63.52	-13.00	50.52	211	359	Vertical
3	10078.8	28.72	-38.84	38.62	-66.77	-13.00	53.77	148	104	Vertical
4	11394.975	25.66	-37.50	39.11	-67.99	-13.00	54.99	100	14	Vertical
5	12765.775	25.22	-36.69	39.57	-67.16	-13.00	54.16	142	30	Vertical
6	13957.75	23.76	-35.11	40.10	-66.51	-13.00	53.51	233	268	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 66A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8430.275	36.61	-41.50	37.39	-62.76	-13.00	49.76	254	103	Horizontal
2	9485.4	32.68	-39.95	38.47	-64.07	-13.00	51.07	136	267	Horizontal
3	11226.5	25.60	-36.77	39.11	-67.32	-13.00	54.32	251	283	Horizontal
4	12827.875	24.74	-36.69	39.66	-67.55	-13.00	54.55	126	163	Horizontal
5	13847.925	24.43	-35.92	40.00	-66.75	-13.00	53.75	251	356	Horizontal
6	15793.725	23.39	-33.07	38.21	-66.74	-13.00	53.74	188	208	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8402.675	36.37	-41.38	37.34	-62.94	-13.00	49.94	184	224	Vertical
2	9477.35	32.46	-39.95	38.47	-64.28	-13.00	51.28	152	357	Vertical
3	10667.025	25.41	-37.66	39.11	-68.40	-13.00	55.40	136	46	Vertical
4	12200.55	24.19	-37.11	39.13	-69.05	-13.00	56.05	259	360	Vertical
5	13823.775	24.29	-36.09	39.98	-67.08	-13.00	54.08	188	135	Vertical
6	15821.9	24.19	-33.29	38.16	-66.20	-13.00	53.20	174	313	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 66A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7778.225	36.39	-42.66	36.74	-64.79	-13.00	51.79	215	4	Horizontal
2	8412.45	36.51	-41.42	37.36	-62.82	-13.00	49.82	136	352	Horizontal
3	9421.575	32.82	-39.93	38.48	-63.88	-13.00	50.88	251	121	Horizontal
4	9628.575	29.68	-39.28	38.41	-66.45	-13.00	53.45	152	299	Horizontal
5	11275.37	25.75	-37.07	39.11	-67.47	-13.00	54.47	163	164	Horizontal
6	12828.45	24.87	-36.69	39.66	-67.42	-13.00	54.42	266	46	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7045.1	39.83	-43.29	36.20	-62.52	-13.00	49.52	214	282	Vertical
2	8484.325	35.96	-41.73	37.51	-63.53	-13.00	50.53	136	87	Vertical
3	9473.325	32.78	-39.95	38.47	-63.96	-13.00	50.96	256	43	Vertical
4	10118.47	27.73	-38.81	38.68	-67.66	-13.00	54.66	144	73	Vertical
5	11323.1	25.35	-37.29	39.11	-68.09	-13.00	55.09	158	360	Vertical
6	13864.6	24.18	-35.81	40.02	-66.87	-13.00	53.87	195	192	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 66A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7136.525	39.07	-43.64	36.43	-63.40	-13.00	50.40	248	30	Horizontal
2	7853.55	36.56	-42.67	36.84	-64.52	-13.00	51.52	175	164	Horizontal
3	8410.15	36.68	-41.41	37.35	-62.64	-13.00	49.64	145	208	Horizontal
4	9421	32.73	-39.93	38.48	-63.97	-13.00	50.97	136	194	Horizontal
5	12093.025	24.69	-37.19	39.04	-68.71	-13.00	55.71	259	59	Horizontal
6	16969.025	25.49	-33.81	38.48	-65.09	-13.00	52.09	291	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.525	39.91	-43.09	36.52	-61.92	-13.00	48.92	245	209	Vertical
2	8419.925	36.25	-41.46	37.37	-63.09	-13.00	50.09	136	239	Vertical
3	8948.925	34.10	-40.89	38.17	-63.88	-13.00	50.88	255	59	Vertical
4	9464.7	32.81	-39.95	38.47	-63.92	-13.00	50.92	142	209	Vertical
5	10364.575	27.23	-38.81	38.85	-67.99	-13.00	54.99	169	328	Vertical
6	11249.5	26.03	-36.91	39.11	-67.03	-13.00	54.03	211	224	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 71A_n77A 3700-3980_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7544.775	36.80	-42.98	36.42	-65.02	-13.00	52.02	214	42	Horizontal
2	9425.6	31.59	-39.93	38.48	-65.12	-13.00	52.12	136	328	Horizontal
3	11214.425	23.61	-36.69	39.11	-69.23	-13.00	56.23	256	29	Horizontal
4	12712.875	23.30	-36.80	39.48	-69.29	-13.00	56.29	144	268	Horizontal
5	14522.975	21.49	-34.49	39.99	-68.26	-13.00	55.26	125	178	Horizontal
6	16343.425	25.96	-34.62	37.69	-66.23	-13.00	53.23	199	42	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.525	37.88	-43.09	36.52	-63.95	-13.00	50.95	245	207	Vertical
2	8930.525	32.65	-40.90	38.16	-65.35	-13.00	52.35	185	359	Vertical
3	10083.4	26.92	-38.81	38.62	-68.53	-13.00	55.53	136	3	Vertical
4	11330	24.23	-37.31	39.11	-69.23	-13.00	56.23	144	297	Vertical
5	13674.275	22.80	-36.00	40.08	-68.38	-13.00	55.38	126	360	Vertical
6	14503.425	22.40	-34.27	40.01	-67.12	-13.00	54.12	195	207	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 71A_n77A 3700-3980_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	37.04	-42.86	36.50	-64.58	-13.00	51.58	145	116	Horizontal
2	8409	35.73	-41.41	37.35	-63.59	-13.00	50.59	122	251	Horizontal
3	9480.225	31.61	-39.95	38.47	-65.13	-13.00	52.13	256	360	Horizontal
4	10614.7	24.45	-37.93	39.07	-69.67	-13.00	56.67	291	237	Horizontal
5	12829.025	23.92	-36.69	39.66	-68.37	-13.00	55.37	145	102	Horizontal
6	15158.925	22.80	-34.06	39.01	-67.51	-13.00	54.51	186	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	37.85	-42.86	36.50	-63.77	-13.00	50.77	214	133	Vertical
2	8944.9	33.04	-40.89	38.17	-64.95	-13.00	51.95	156	313	Vertical
3	10064.425	27.22	-38.94	38.59	-68.39	-13.00	55.39	291	73	Vertical
4	12242.525	23.17	-36.91	39.12	-69.88	-13.00	56.88	153	29	Vertical
5	14495.375	21.87	-34.27	40.01	-67.65	-13.00	54.65	266	43	Vertical
6	15326.825	23.04	-33.96	38.80	-67.38	-13.00	54.38	254	161	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA 71A_n77A 3700-3980_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8422.8	35.64	-41.47	37.38	-63.71	-13.00	50.71	245	4	Horizontal
2	8939.725	33.13	-40.89	38.16	-64.86	-13.00	51.86	136	4	Horizontal
3	10692.325	24.03	-37.53	39.13	-69.63	-13.00	56.63	256	313	Horizontal
4	12053.925	23.60	-37.19	39.01	-69.83	-13.00	56.83	291	359	Horizontal
5	14516.65	22.06	-34.42	40.00	-67.62	-13.00	54.62	145	254	Horizontal
6	15158.925	22.75	-34.06	39.01	-67.56	-13.00	54.56	188	14	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7968.55	35.29	-42.32	36.97	-65.32	-13.00	52.32	245	208	Vertical
2	8940.3	32.97	-40.89	38.16	-65.02	-13.00	52.02	126	360	Vertical
3	10109.85	27.46	-38.76	38.67	-67.89	-13.00	54.89	236	326	Vertical
4	12224.7	23.64	-36.99	39.12	-69.49	-13.00	56.49	255	148	Vertical
5	14490.2	22.00	-34.31	40.02	-67.56	-13.00	54.56	185	360	Vertical
6	15777.05	23.53	-33.11	38.23	-66.61	-13.00	53.61	146	360	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA n70A-n77A 3700-3980_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7864.6667	42.51	-44.95	36.36	-61.33	-13.00	48.33	Horizontal
2	9518.2708	40.26	-42.48	38.07	-59.42	-13.00	46.42	Horizontal
3	11494.3542	37.80	-40.07	39.30	-58.23	-13.00	45.23	Horizontal
4	13731.5833	34.81	-38.13	40.28	-58.30	-13.00	45.30	Horizontal
5	14819.7708	33.12	-37.71	40.24	-59.61	-13.00	46.61	Horizontal
6	17509.8125	30.15	-36.18	42.16	-59.13	-13.00	46.13	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7225.9375	43.44	-45.60	36.14	-61.27	-13.00	48.27	Vertical
2	8746.3333	41.79	-43.77	37.24	-59.99	-13.00	46.99	Vertical
3	10801.9583	37.81	-40.44	39.22	-58.67	-13.00	45.67	Vertical
4	11986.4583	36.07	-38.74	39.20	-58.73	-13.00	45.73	Vertical
5	13930.9167	34.01	-38.59	40.74	-59.10	-13.00	46.10	Vertical
6	17973.1667	29.62	-37.06	45.13	-57.57	-13.00	44.57	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA n70A-n77A 3700-3980_ TM1
Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	6874.2292	43.31	-46.26	35.32	-62.89	-13.00	49.89	Horizontal
2	7827.2917	42.30	-44.92	36.41	-61.47	-13.00	48.47	Horizontal
3	9542.2292	39.76	-42.26	38.09	-59.67	-13.00	46.67	Horizontal
4	11159.8958	37.78	-40.01	39.37	-58.13	-13.00	45.13	Horizontal
5	13603.1667	34.78	-38.27	39.99	-58.76	-13.00	45.76	Horizontal
6	17965.5	29.74	-37.08	45.08	-57.52	-13.00	44.52	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7304.5208	43.40	-45.99	36.33	-61.52	-13.00	48.52	Vertical
2	8874.2708	41.13	-43.63	37.42	-60.34	-13.00	47.34	Vertical
3	9572.8958	39.86	-41.98	38.12	-59.26	-13.00	46.26	Vertical
4	12062.6458	36.28	-39.09	39.16	-58.90	-13.00	45.90	Vertical
5	13711.9375	34.06	-38.02	40.24	-58.98	-13.00	45.98	Vertical
6	17965.0208	29.38	-37.08	45.08	-57.88	-13.00	44.88	Vertical

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Member of the SGS Group (SGS SA)

Test Band = NR CA n70A-n77A 3700-3980_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7686.8958	42.59	-45.11	36.58	-61.20	-13.00	48.20	Horizontal
2	9585.8333	39.29	-41.86	38.13	-59.70	-13.00	46.70	Horizontal
3	11480.9375	37.66	-40.02	39.30	-58.31	-13.00	45.31	Horizontal
4	13661.1458	34.65	-38.08	40.12	-58.57	-13.00	45.57	Horizontal
5	15406.75	32.32	-37.86	39.33	-61.47	-13.00	48.47	Horizontal
6	17493.0417	29.39	-36.20	42.06	-60.01	-13.00	47.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7239.3542	43.14	-45.67	36.17	-61.62	-13.00	48.62	Vertical
2	9201.5417	40.34	-42.97	37.78	-60.11	-13.00	47.11	Vertical
3	10748.2917	37.81	-40.64	39.17	-58.91	-13.00	45.91	Vertical
4	13651.5625	34.46	-38.11	40.10	-58.81	-13.00	45.81	Vertical
5	14898.3542	33.28	-38.39	40.18	-60.18	-13.00	47.18	Vertical
6	17964.5417	29.36	-37.08	45.07	-57.91	-13.00	44.91	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	1.100000	0.000286	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-0.200000	-0.000052	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-4.300000	-0.001120	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VH	NT	-4.900000	-0.001276	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	-17.800000	-0.004635	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VL	NT	-7.300000	-0.001901	PASS

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Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	5.700000	0.001484	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	3.700000	0.000964	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	1.100000	0.000286	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	1.700000	0.000443	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.300000	-0.000859	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	1.800000	0.000469	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-0.400000	-0.000104	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.000000	-0.000521	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	1.700000	0.000443	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	-1.000000	-0.000260	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	-2.500000	-0.000651	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	-6.000000	-0.001563	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	-2.900000	-0.000755	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	-6.200000	-0.001615	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	-1.900000	-0.000495	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	-3.000000	-0.000781	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	0.000000	0.000000	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	2.900000	0.000755	PASS

---End of Attachment---

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