

Appendix E : Test Results-n38

1 Conducted Output Power And E.I.R.P.

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n38	30	10	515000	24@0	DFT_BPSK	21.24	-3.6	17.64	58.08	2000	PASS
n38	30	10	515000	12@6	DFT_BPSK	21.76	-3.6	18.16	65.46	2000	PASS
n38	30	10	515000	1@1	DFT_BPSK	21.66	-3.6	18.06	63.97	2000	PASS
n38	30	10	515000	1@22	DFT_BPSK	21.65	-3.6	18.05	63.83	2000	PASS
n38	30	10	515000	24@0	DFT_QPSK	20.75	-3.6	17.15	51.88	2000	PASS
n38	30	10	515000	12@6	DFT_QPSK	21.74	-3.6	18.14	65.16	2000	PASS
n38	30	10	515000	1@1	DFT_QPSK	21.76	-3.6	18.16	65.46	2000	PASS
n38	30	10	515000	1@22	DFT_QPSK	21.76	-3.6	18.16	65.46	2000	PASS
n38	30	10	515000	24@0	DFT_QAM16	19.72	-3.6	16.12	40.93	2000	PASS
n38	30	10	515000	12@6	DFT_QAM16	20.77	-3.6	17.17	52.12	2000	PASS
n38	30	10	515000	1@1	DFT_QAM16	21.06	-3.6	17.46	55.72	2000	PASS
n38	30	10	515000	1@22	DFT_QAM16	20.89	-3.6	17.29	53.58	2000	PASS
n38	30	10	515000	24@0	DFT_QAM64	19.25	-3.6	15.65	36.73	2000	PASS
n38	30	10	515000	12@6	DFT_QAM64	19.21	-3.6	15.61	36.39	2000	PASS
n38	30	10	515000	1@1	DFT_QAM64	19	-3.6	15.4	34.67	2000	PASS
n38	30	10	515000	1@22	DFT_QAM64	18.94	-3.6	15.34	34.2	2000	PASS
n38	30	10	515000	24@0	DFT_QAM256	17.24	-3.6	13.64	23.12	2000	PASS
n38	30	10	515000	12@6	DFT_QAM256	17.99	-3.6	14.39	27.48	2000	PASS
n38	30	10	515000	1@1	DFT_QAM256	17.09	-3.6	13.49	22.34	2000	PASS
n38	30	10	515000	1@22	DFT_QAM256	17.05	-3.6	13.45	22.13	2000	PASS
n38	30	10	515000	24@0	CP_QPSK	18.67	-3.6	15.07	32.14	2000	PASS
n38	30	10	515000	12@6	CP_QPSK	20.25	-3.6	16.65	46.24	2000	PASS
n38	30	10	515000	1@1	CP_QPSK	20.16	-3.6	16.56	45.29	2000	PASS
n38	30	10	515000	1@22	CP_QPSK	20.17	-3.6	16.57	45.39	2000	PASS
n38	30	10	515000	24@0	CP_QAM16	18.7	-3.6	15.1	32.36	2000	PASS
n38	30	10	515000	12@6	CP_QAM16	19.74	-3.6	16.14	41.11	2000	PASS
n38	30	10	515000	1@1	CP_QAM16	19.66	-3.6	16.06	40.36	2000	PASS
n38	30	10	515000	1@22	CP_QAM16	19.66	-3.6	16.06	40.36	2000	PASS
n38	30	10	515000	24@0	CP_QAM64	18.22	-3.6	14.62	28.97	2000	PASS
n38	30	10	515000	12@6	CP_QAM64	18.25	-3.6	14.65	29.17	2000	PASS
n38	30	10	515000	1@1	CP_QAM64	18.17	-3.6	14.57	28.64	2000	PASS
n38	30	10	515000	1@22	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS

n38	30	10	515000	24@0	CP_QAM256	15.15	-3.6	11.55	14.29	2000	PASS
n38	30	10	515000	12@6	CP_QAM256	15.2	-3.6	11.6	14.45	2000	PASS
n38	30	10	515000	1@1	CP_QAM256	15.06	-3.6	11.46	14	2000	PASS
n38	30	10	515000	1@22	CP_QAM256	15.05	-3.6	11.45	13.96	2000	PASS
n38	30	10	519000	24@0	DFT_BPSK	21.24	-3.6	17.64	58.08	2000	PASS
n38	30	10	519000	12@6	DFT_BPSK	21.77	-3.6	18.17	65.61	2000	PASS
n38	30	10	519000	1@1	DFT_BPSK	21.63	-3.6	18.03	63.53	2000	PASS
n38	30	10	519000	1@22	DFT_BPSK	21.63	-3.6	18.03	63.53	2000	PASS
n38	30	10	519000	24@0	DFT_QPSK	20.72	-3.6	17.12	51.52	2000	PASS
n38	30	10	519000	12@6	DFT_QPSK	21.76	-3.6	18.16	65.46	2000	PASS
n38	30	10	519000	1@1	DFT_QPSK	21.75	-3.6	18.15	65.31	2000	PASS
n38	30	10	519000	1@22	DFT_QPSK	21.73	-3.6	18.13	65.01	2000	PASS
n38	30	10	519000	24@0	DFT_QAM16	19.72	-3.6	16.12	40.93	2000	PASS
n38	30	10	519000	12@6	DFT_QAM16	20.79	-3.6	17.19	52.36	2000	PASS
n38	30	10	519000	1@1	DFT_QAM16	21.06	-3.6	17.46	55.72	2000	PASS
n38	30	10	519000	1@22	DFT_QAM16	21.02	-3.6	17.42	55.21	2000	PASS
n38	30	10	519000	24@0	DFT_QAM64	19.26	-3.6	15.66	36.81	2000	PASS
n38	30	10	519000	12@6	DFT_QAM64	19.23	-3.6	15.63	36.56	2000	PASS
n38	30	10	519000	1@1	DFT_QAM64	19.01	-3.6	15.41	34.75	2000	PASS
n38	30	10	519000	1@22	DFT_QAM64	19.01	-3.6	15.41	34.75	2000	PASS
n38	30	10	519000	24@0	DFT_QAM256	17.23	-3.6	13.63	23.07	2000	PASS
n38	30	10	519000	12@6	DFT_QAM256	17.04	-3.6	13.44	22.08	2000	PASS
n38	30	10	519000	1@1	DFT_QAM256	17.09	-3.6	13.49	22.34	2000	PASS
n38	30	10	519000	1@22	DFT_QAM256	17.01	-3.6	13.41	21.93	2000	PASS
n38	30	10	519000	24@0	CP_QPSK	20.19	-3.6	16.59	45.6	2000	PASS
n38	30	10	519000	12@6	CP_QPSK	20.33	-3.6	16.73	47.1	2000	PASS
n38	30	10	519000	1@1	CP_QPSK	20.19	-3.6	16.59	45.6	2000	PASS
n38	30	10	519000	1@22	CP_QPSK	20.17	-3.6	16.57	45.39	2000	PASS
n38	30	10	519000	24@0	CP_QAM16	18.67	-3.6	15.07	32.14	2000	PASS
n38	30	10	519000	12@6	CP_QAM16	19.76	-3.6	16.16	41.3	2000	PASS
n38	30	10	519000	1@1	CP_QAM16	19.71	-3.6	16.11	40.83	2000	PASS
n38	30	10	519000	1@22	CP_QAM16	19.7	-3.6	16.1	40.74	2000	PASS
n38	30	10	519000	24@0	CP_QAM64	18.21	-3.6	14.61	28.91	2000	PASS
n38	30	10	519000	12@6	CP_QAM64	18.27	-3.6	14.67	29.31	2000	PASS
n38	30	10	519000	1@1	CP_QAM64	18.19	-3.6	14.59	28.77	2000	PASS
n38	30	10	519000	1@22	CP_QAM64	18.19	-3.6	14.59	28.77	2000	PASS
n38	30	10	519000	24@0	CP_QAM256	15.16	-3.6	11.56	14.32	2000	PASS
n38	30	10	519000	12@6	CP_QAM256	15.24	-3.6	11.64	14.59	2000	PASS
n38	30	10	519000	1@1	CP_QAM256	15.07	-3.6	11.47	14.03	2000	PASS
n38	30	10	519000	1@22	CP_QAM256	15.06	-3.6	11.46	14	2000	PASS
n38	30	10	523000	24@0	DFT_BPSK	21.2	-3.6	17.6	57.54	2000	PASS

n38	30	10	523000	12@6	DFT_BPSK	21.72	-3.6	18.12	64.86	2000	PASS
n38	30	10	523000	1@1	DFT_BPSK	21.53	-3.6	17.93	62.09	2000	PASS
n38	30	10	523000	1@22	DFT_BPSK	21.73	-3.6	18.13	65.01	2000	PASS
n38	30	10	523000	24@0	DFT_QPSK	20.73	-3.6	17.13	51.64	2000	PASS
n38	30	10	523000	12@6	DFT_QPSK	21.7	-3.6	18.1	64.57	2000	PASS
n38	30	10	523000	1@1	DFT_QPSK	21.61	-3.6	18.01	63.24	2000	PASS
n38	30	10	523000	1@22	DFT_QPSK	21.79	-3.6	18.19	65.92	2000	PASS
n38	30	10	523000	24@0	DFT_QAM16	19.67	-3.6	16.07	40.46	2000	PASS
n38	30	10	523000	12@6	DFT_QAM16	20.76	-3.6	17.16	52	2000	PASS
n38	30	10	523000	1@1	DFT_QAM16	20.82	-3.6	17.22	52.72	2000	PASS
n38	30	10	523000	1@22	DFT_QAM16	21	-3.6	17.4	54.95	2000	PASS
n38	30	10	523000	24@0	DFT_QAM64	19.24	-3.6	15.64	36.64	2000	PASS
n38	30	10	523000	12@6	DFT_QAM64	19.17	-3.6	15.57	36.06	2000	PASS
n38	30	10	523000	1@1	DFT_QAM64	18.87	-3.6	15.27	33.65	2000	PASS
n38	30	10	523000	1@22	DFT_QAM64	19.02	-3.6	15.42	34.83	2000	PASS
n38	30	10	523000	24@0	DFT_QAM256	17.21	-3.6	13.61	22.96	2000	PASS
n38	30	10	523000	12@6	DFT_QAM256	16.36	-3.6	12.76	18.88	2000	PASS
n38	30	10	523000	1@1	DFT_QAM256	16.97	-3.6	13.37	21.73	2000	PASS
n38	30	10	523000	1@22	DFT_QAM256	17.07	-3.6	13.47	22.23	2000	PASS
n38	30	10	523000	24@0	CP_QPSK	18.68	-3.6	15.08	32.21	2000	PASS
n38	30	10	523000	12@6	CP_QPSK	20.25	-3.6	16.65	46.24	2000	PASS
n38	30	10	523000	1@1	CP_QPSK	20.02	-3.6	16.42	43.85	2000	PASS
n38	30	10	523000	1@22	CP_QPSK	20.16	-3.6	16.56	45.29	2000	PASS
n38	30	10	523000	24@0	CP_QAM16	18.67	-3.6	15.07	32.14	2000	PASS
n38	30	10	523000	12@6	CP_QAM16	19.83	-3.6	16.23	41.98	2000	PASS
n38	30	10	523000	1@1	CP_QAM16	19.56	-3.6	15.96	39.45	2000	PASS
n38	30	10	523000	1@22	CP_QAM16	19.8	-3.6	16.2	41.69	2000	PASS
n38	30	10	523000	24@0	CP_QAM64	18.18	-3.6	14.58	28.71	2000	PASS
n38	30	10	523000	12@6	CP_QAM64	18.17	-3.6	14.57	28.64	2000	PASS
n38	30	10	523000	1@1	CP_QAM64	18.06	-3.6	14.46	27.93	2000	PASS
n38	30	10	523000	1@22	CP_QAM64	18.25	-3.6	14.65	29.17	2000	PASS
n38	30	10	523000	24@0	CP_QAM256	15.16	-3.6	11.56	14.32	2000	PASS
n38	30	10	523000	12@6	CP_QAM256	15.18	-3.6	11.58	14.39	2000	PASS
n38	30	10	523000	1@1	CP_QAM256	14.95	-3.6	11.35	13.65	2000	PASS
n38	30	10	523000	1@22	CP_QAM256	14.68	-3.6	11.08	12.82	2000	PASS
n38	30	15	515500	36@0	DFT_BPSK	21.3	-3.6	17.7	58.88	2000	PASS
n38	30	15	515500	18@9	DFT_BPSK	21.78	-3.6	18.18	65.77	2000	PASS
n38	30	15	515500	1@1	DFT_BPSK	21.67	-3.6	18.07	64.12	2000	PASS
n38	30	15	515500	1@36	DFT_BPSK	21.7	-3.6	18.1	64.57	2000	PASS
n38	30	15	515500	36@0	DFT_QPSK	20.78	-3.6	17.18	52.24	2000	PASS
n38	30	15	515500	18@9	DFT_QPSK	21.78	-3.6	18.18	65.77	2000	PASS

n38	30	15	515500	1@1	DFT_QPSK	21.79	-3.6	18.19	65.92	2000	PASS
n38	30	15	515500	1@36	DFT_QPSK	21.82	-3.6	18.22	66.37	2000	PASS
n38	30	15	515500	36@0	DFT_QAM16	19.74	-3.6	16.14	41.11	2000	PASS
n38	30	15	515500	18@9	DFT_QAM16	20.84	-3.6	17.24	52.97	2000	PASS
n38	30	15	515500	1@1	DFT_QAM16	21.03	-3.6	17.43	55.34	2000	PASS
n38	30	15	515500	1@36	DFT_QAM16	21.06	-3.6	17.46	55.72	2000	PASS
n38	30	15	515500	36@0	DFT_QAM64	19.28	-3.6	15.68	36.98	2000	PASS
n38	30	15	515500	18@9	DFT_QAM64	19.23	-3.6	15.63	36.56	2000	PASS
n38	30	15	515500	1@1	DFT_QAM64	18.95	-3.6	15.35	34.28	2000	PASS
n38	30	15	515500	1@36	DFT_QAM64	19	-3.6	15.4	34.67	2000	PASS
n38	30	15	515500	36@0	DFT_QAM256	17.21	-3.6	13.61	22.96	2000	PASS
n38	30	15	515500	18@9	DFT_QAM256	17.26	-3.6	13.66	23.23	2000	PASS
n38	30	15	515500	1@1	DFT_QAM256	17.06	-3.6	13.46	22.18	2000	PASS
n38	30	15	515500	1@36	DFT_QAM256	17.11	-3.6	13.51	22.44	2000	PASS
n38	30	15	515500	38@0	CP_QPSK	18.71	-3.6	15.11	32.43	2000	PASS
n38	30	15	515500	19@9	CP_QPSK	20.24	-3.6	16.64	46.13	2000	PASS
n38	30	15	515500	1@1	CP_QPSK	20.11	-3.6	16.51	44.77	2000	PASS
n38	30	15	515500	1@36	CP_QPSK	20.2	-3.6	16.6	45.71	2000	PASS
n38	30	15	515500	38@0	CP_QAM16	18.74	-3.6	15.14	32.66	2000	PASS
n38	30	15	515500	19@9	CP_QAM16	19.67	-3.6	16.07	40.46	2000	PASS
n38	30	15	515500	1@1	CP_QAM16	19.64	-3.6	16.04	40.18	2000	PASS
n38	30	15	515500	1@36	CP_QAM16	19.72	-3.6	16.12	40.93	2000	PASS
n38	30	15	515500	38@0	CP_QAM64	18.29	-3.6	14.69	29.44	2000	PASS
n38	30	15	515500	19@9	CP_QAM64	18.2	-3.6	14.6	28.84	2000	PASS
n38	30	15	515500	1@1	CP_QAM64	18.14	-3.6	14.54	28.44	2000	PASS
n38	30	15	515500	1@36	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n38	30	15	515500	38@0	CP_QAM256	15.21	-3.6	11.61	14.49	2000	PASS
n38	30	15	515500	19@9	CP_QAM256	15.21	-3.6	11.61	14.49	2000	PASS
n38	30	15	515500	1@1	CP_QAM256	15.07	-3.6	11.47	14.03	2000	PASS
n38	30	15	515500	1@36	CP_QAM256	15.04	-3.6	11.44	13.93	2000	PASS
n38	30	15	519000	36@0	DFT_BPSK	21.25	-3.6	17.65	58.21	2000	PASS
n38	30	15	519000	18@9	DFT_BPSK	21.79	-3.6	18.19	65.92	2000	PASS
n38	30	15	519000	1@1	DFT_BPSK	21.6	-3.6	18	63.1	2000	PASS
n38	30	15	519000	1@36	DFT_BPSK	21.55	-3.6	17.95	62.37	2000	PASS
n38	30	15	519000	36@0	DFT_QPSK	20.76	-3.6	17.16	52	2000	PASS
n38	30	15	519000	18@9	DFT_QPSK	21.81	-3.6	18.21	66.22	2000	PASS
n38	30	15	519000	1@1	DFT_QPSK	21.75	-3.6	18.15	65.31	2000	PASS
n38	30	15	519000	1@36	DFT_QPSK	21.72	-3.6	18.12	64.86	2000	PASS
n38	30	15	519000	36@0	DFT_QAM16	19.69	-3.6	16.09	40.64	2000	PASS
n38	30	15	519000	18@9	DFT_QAM16	20.85	-3.6	17.25	53.09	2000	PASS
n38	30	15	519000	1@1	DFT_QAM16	20.97	-3.6	17.37	54.58	2000	PASS

n38	30	15	519000	1@36	DFT_QAM16	20.95	-3.6	17.35	54.33	2000	PASS
n38	30	15	519000	36@0	DFT_QAM64	19.29	-3.6	15.69	37.07	2000	PASS
n38	30	15	519000	18@9	DFT_QAM64	19.25	-3.6	15.65	36.73	2000	PASS
n38	30	15	519000	1@1	DFT_QAM64	18.88	-3.6	15.28	33.73	2000	PASS
n38	30	15	519000	1@36	DFT_QAM64	18.91	-3.6	15.31	33.96	2000	PASS
n38	30	15	519000	36@0	DFT_QAM256	17.18	-3.6	13.58	22.8	2000	PASS
n38	30	15	519000	18@9	DFT_QAM256	17.27	-3.6	13.67	23.28	2000	PASS
n38	30	15	519000	1@1	DFT_QAM256	17.05	-3.6	13.45	22.13	2000	PASS
n38	30	15	519000	1@36	DFT_QAM256	17.01	-3.6	13.41	21.93	2000	PASS
n38	30	15	519000	38@0	CP_QPSK	18.72	-3.6	15.12	32.51	2000	PASS
n38	30	15	519000	19@9	CP_QPSK	20.25	-3.6	16.65	46.24	2000	PASS
n38	30	15	519000	1@1	CP_QPSK	20.16	-3.6	16.56	45.29	2000	PASS
n38	30	15	519000	1@36	CP_QPSK	20.08	-3.6	16.48	44.46	2000	PASS
n38	30	15	519000	38@0	CP_QAM16	18.75	-3.6	15.15	32.73	2000	PASS
n38	30	15	519000	19@9	CP_QAM16	19.69	-3.6	16.09	40.64	2000	PASS
n38	30	15	519000	1@1	CP_QAM16	19.65	-3.6	16.05	40.27	2000	PASS
n38	30	15	519000	1@36	CP_QAM16	19.61	-3.6	16.01	39.9	2000	PASS
n38	30	15	519000	38@0	CP_QAM64	18.29	-3.6	14.69	29.44	2000	PASS
n38	30	15	519000	19@9	CP_QAM64	18.22	-3.6	14.62	28.97	2000	PASS
n38	30	15	519000	1@1	CP_QAM64	18.13	-3.6	14.53	28.38	2000	PASS
n38	30	15	519000	1@36	CP_QAM64	18.07	-3.6	14.47	27.99	2000	PASS
n38	30	15	519000	38@0	CP_QAM256	15.2	-3.6	11.6	14.45	2000	PASS
n38	30	15	519000	19@9	CP_QAM256	15.23	-3.6	11.63	14.55	2000	PASS
n38	30	15	519000	1@1	CP_QAM256	15.03	-3.6	11.43	13.9	2000	PASS
n38	30	15	519000	1@36	CP_QAM256	15	-3.6	11.4	13.8	2000	PASS
n38	30	15	522500	36@0	DFT_BPSK	21.2	-3.6	17.6	57.54	2000	PASS
n38	30	15	522500	18@9	DFT_BPSK	21.71	-3.6	18.11	64.71	2000	PASS
n38	30	15	522500	1@1	DFT_BPSK	21.5	-3.6	17.9	61.66	2000	PASS
n38	30	15	522500	1@36	DFT_BPSK	21.69	-3.6	18.09	64.42	2000	PASS
n38	30	15	522500	36@0	DFT_QPSK	20.69	-3.6	17.09	51.17	2000	PASS
n38	30	15	522500	18@9	DFT_QPSK	21.69	-3.6	18.09	64.42	2000	PASS
n38	30	15	522500	1@1	DFT_QPSK	21.59	-3.6	17.99	62.95	2000	PASS
n38	30	15	522500	1@36	DFT_QPSK	21.67	-3.6	18.07	64.12	2000	PASS
n38	30	15	522500	36@0	DFT_QAM16	19.64	-3.6	16.04	40.18	2000	PASS
n38	30	15	522500	18@9	DFT_QAM16	20.74	-3.6	17.14	51.76	2000	PASS
n38	30	15	522500	1@1	DFT_QAM16	20.82	-3.6	17.22	52.72	2000	PASS
n38	30	15	522500	1@36	DFT_QAM16	21.03	-3.6	17.43	55.34	2000	PASS
n38	30	15	522500	36@0	DFT_QAM64	19.2	-3.6	15.6	36.31	2000	PASS
n38	30	15	522500	18@9	DFT_QAM64	19.14	-3.6	15.54	35.81	2000	PASS
n38	30	15	522500	1@1	DFT_QAM64	18.82	-3.6	15.22	33.27	2000	PASS
n38	30	15	522500	1@36	DFT_QAM64	19.04	-3.6	15.44	34.99	2000	PASS

n38	30	15	522500	36@0	DFT_QAM256	17.13	-3.6	13.53	22.54	2000	PASS
n38	30	15	522500	18@9	DFT_QAM256	17.17	-3.6	13.57	22.75	2000	PASS
n38	30	15	522500	1@1	DFT_QAM256	16.92	-3.6	13.32	21.48	2000	PASS
n38	30	15	522500	1@36	DFT_QAM256	17.09	-3.6	13.49	22.34	2000	PASS
n38	30	15	522500	38@0	CP_QPSK	18.65	-3.6	15.05	31.99	2000	PASS
n38	30	15	522500	19@9	CP_QPSK	20.18	-3.6	16.58	45.5	2000	PASS
n38	30	15	522500	1@1	CP_QPSK	19.98	-3.6	16.38	43.45	2000	PASS
n38	30	15	522500	1@36	CP_QPSK	20.18	-3.6	16.58	45.5	2000	PASS
n38	30	15	522500	38@0	CP_QAM16	18.66	-3.6	15.06	32.06	2000	PASS
n38	30	15	522500	19@9	CP_QAM16	19.61	-3.6	16.01	39.9	2000	PASS
n38	30	15	522500	1@1	CP_QAM16	19.56	-3.6	15.96	39.45	2000	PASS
n38	30	15	522500	1@36	CP_QAM16	19.77	-3.6	16.17	41.4	2000	PASS
n38	30	15	522500	38@0	CP_QAM64	18.23	-3.6	14.63	29.04	2000	PASS
n38	30	15	522500	19@9	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n38	30	15	522500	1@1	CP_QAM64	18.04	-3.6	14.44	27.8	2000	PASS
n38	30	15	522500	1@36	CP_QAM64	18.27	-3.6	14.67	29.31	2000	PASS
n38	30	15	522500	38@0	CP_QAM256	15.16	-3.6	11.56	14.32	2000	PASS
n38	30	15	522500	19@9	CP_QAM256	15.12	-3.6	11.52	14.19	2000	PASS
n38	30	15	522500	1@1	CP_QAM256	14.94	-3.6	11.34	13.61	2000	PASS
n38	30	15	522500	1@36	CP_QAM256	15.09	-3.6	11.49	14.09	2000	PASS
n38	30	20	516000	50@0	DFT_BPSK	21.25	-3.6	17.65	58.21	2000	PASS
n38	30	20	516000	25@12	DFT_BPSK	21.79	-3.6	18.19	65.92	2000	PASS
n38	30	20	516000	1@1	DFT_BPSK	21.54	-3.6	17.94	62.23	2000	PASS
n38	30	20	516000	1@49	DFT_BPSK	21.61	-3.6	18.01	63.24	2000	PASS
n38	30	20	516000	50@0	DFT_QPSK	20.76	-3.6	17.16	52	2000	PASS
n38	30	20	516000	25@12	DFT_QPSK	21.8	-3.6	18.2	66.07	2000	PASS
n38	30	20	516000	1@1	DFT_QPSK	21.66	-3.6	18.06	63.97	2000	PASS
n38	30	20	516000	1@49	DFT_QPSK	21.71	-3.6	18.11	64.71	2000	PASS
n38	30	20	516000	50@0	DFT_QAM16	19.75	-3.6	16.15	41.21	2000	PASS
n38	30	20	516000	25@12	DFT_QAM16	20.78	-3.6	17.18	52.24	2000	PASS
n38	30	20	516000	1@1	DFT_QAM16	20.92	-3.6	17.32	53.95	2000	PASS
n38	30	20	516000	1@49	DFT_QAM16	20.98	-3.6	17.38	54.7	2000	PASS
n38	30	20	516000	50@0	DFT_QAM64	19.23	-3.6	15.63	36.56	2000	PASS
n38	30	20	516000	25@12	DFT_QAM64	19.24	-3.6	15.64	36.64	2000	PASS
n38	30	20	516000	1@1	DFT_QAM64	18.9	-3.6	15.3	33.88	2000	PASS
n38	30	20	516000	1@49	DFT_QAM64	18.99	-3.6	15.39	34.59	2000	PASS
n38	30	20	516000	50@0	DFT_QAM256	17.2	-3.6	13.6	22.91	2000	PASS
n38	30	20	516000	25@12	DFT_QAM256	17.27	-3.6	13.67	23.28	2000	PASS
n38	30	20	516000	1@1	DFT_QAM256	17	-3.6	13.4	21.88	2000	PASS
n38	30	20	516000	1@49	DFT_QAM256	17.06	-3.6	13.46	22.18	2000	PASS
n38	30	20	516000	51@0	CP_QPSK	18.69	-3.6	15.09	32.28	2000	PASS

n38	30	20	516000	25@12	CP_QPSK	20.25	-3.6	16.65	46.24	2000	PASS
n38	30	20	516000	1@1	CP_QPSK	20.05	-3.6	16.45	44.16	2000	PASS
n38	30	20	516000	1@49	CP_QPSK	20.15	-3.6	16.55	45.19	2000	PASS
n38	30	20	516000	51@0	CP_QAM16	18.69	-3.6	15.09	32.28	2000	PASS
n38	30	20	516000	25@12	CP_QAM16	19.66	-3.6	16.06	40.36	2000	PASS
n38	30	20	516000	1@1	CP_QAM16	19.57	-3.6	15.97	39.54	2000	PASS
n38	30	20	516000	1@49	CP_QAM16	19.68	-3.6	16.08	40.55	2000	PASS
n38	30	20	516000	51@0	CP_QAM64	18.18	-3.6	14.58	28.71	2000	PASS
n38	30	20	516000	25@12	CP_QAM64	18.24	-3.6	14.64	29.11	2000	PASS
n38	30	20	516000	1@1	CP_QAM64	18.08	-3.6	14.48	28.05	2000	PASS
n38	30	20	516000	1@49	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n38	30	20	516000	51@0	CP_QAM256	15.15	-3.6	11.55	14.29	2000	PASS
n38	30	20	516000	25@12	CP_QAM256	15.24	-3.6	11.64	14.59	2000	PASS
n38	30	20	516000	1@1	CP_QAM256	15	-3.6	11.4	13.8	2000	PASS
n38	30	20	516000	1@49	CP_QAM256	15.02	-3.6	11.42	13.87	2000	PASS
n38	30	20	519000	50@0	DFT_BPSK	21.23	-3.6	17.63	57.94	2000	PASS
n38	30	20	519000	25@12	DFT_BPSK	21.78	-3.6	18.18	65.77	2000	PASS
n38	30	20	519000	1@1	DFT_BPSK	21.55	-3.6	17.95	62.37	2000	PASS
n38	30	20	519000	1@49	DFT_BPSK	21.47	-3.6	17.87	61.24	2000	PASS
n38	30	20	519000	50@0	DFT_QPSK	20.75	-3.6	17.15	51.88	2000	PASS
n38	30	20	519000	25@12	DFT_QPSK	21.78	-3.6	18.18	65.77	2000	PASS
n38	30	20	519000	1@1	DFT_QPSK	21.72	-3.6	18.12	64.86	2000	PASS
n38	30	20	519000	1@49	DFT_QPSK	21.59	-3.6	17.99	62.95	2000	PASS
n38	30	20	519000	50@0	DFT_QAM16	19.75	-3.6	16.15	41.21	2000	PASS
n38	30	20	519000	25@12	DFT_QAM16	20.79	-3.6	17.19	52.36	2000	PASS
n38	30	20	519000	1@1	DFT_QAM16	21.02	-3.6	17.42	55.21	2000	PASS
n38	30	20	519000	1@49	DFT_QAM16	20.9	-3.6	17.3	53.7	2000	PASS
n38	30	20	519000	50@0	DFT_QAM64	19.22	-3.6	15.62	36.48	2000	PASS
n38	30	20	519000	25@12	DFT_QAM64	19.25	-3.6	15.65	36.73	2000	PASS
n38	30	20	519000	1@1	DFT_QAM64	18.9	-3.6	15.3	33.88	2000	PASS
n38	30	20	519000	1@49	DFT_QAM64	18.81	-3.6	15.21	33.19	2000	PASS
n38	30	20	519000	50@0	DFT_QAM256	17.21	-3.6	13.61	22.96	2000	PASS
n38	30	20	519000	25@12	DFT_QAM256	17.26	-3.6	13.66	23.23	2000	PASS
n38	30	20	519000	1@1	DFT_QAM256	17.01	-3.6	13.41	21.93	2000	PASS
n38	30	20	519000	1@49	DFT_QAM256	16.89	-3.6	13.29	21.33	2000	PASS
n38	30	20	519000	51@0	CP_QPSK	18.68	-3.6	15.08	32.21	2000	PASS
n38	30	20	519000	25@12	CP_QPSK	20.23	-3.6	16.63	46.03	2000	PASS
n38	30	20	519000	1@1	CP_QPSK	20.14	-3.6	16.54	45.08	2000	PASS
n38	30	20	519000	1@49	CP_QPSK	19.97	-3.6	16.37	43.35	2000	PASS
n38	30	20	519000	51@0	CP_QAM16	18.7	-3.6	15.1	32.36	2000	PASS
n38	30	20	519000	25@12	CP_QAM16	19.68	-3.6	16.08	40.55	2000	PASS

n38	30	20	519000	1@1	CP_QAM16	19.62	-3.6	16.02	39.99	2000	PASS
n38	30	20	519000	1@49	CP_QAM16	19.53	-3.6	15.93	39.17	2000	PASS
n38	30	20	519000	51@0	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n38	30	20	519000	25@12	CP_QAM64	18.21	-3.6	14.61	28.91	2000	PASS
n38	30	20	519000	1@1	CP_QAM64	18.11	-3.6	14.51	28.25	2000	PASS
n38	30	20	519000	1@49	CP_QAM64	17.99	-3.6	14.39	27.48	2000	PASS
n38	30	20	519000	51@0	CP_QAM256	15.11	-3.6	11.51	14.16	2000	PASS
n38	30	20	519000	25@12	CP_QAM256	15.19	-3.6	11.59	14.42	2000	PASS
n38	30	20	519000	1@1	CP_QAM256	15	-3.6	11.4	13.8	2000	PASS
n38	30	20	519000	1@49	CP_QAM256	14.93	-3.6	11.33	13.58	2000	PASS
n38	30	20	522000	50@0	DFT_BPSK	21.18	-3.6	17.58	57.28	2000	PASS
n38	30	20	522000	25@12	DFT_BPSK	21.72	-3.6	18.12	64.86	2000	PASS
n38	30	20	522000	1@1	DFT_BPSK	21.46	-3.6	17.86	61.09	2000	PASS
n38	30	20	522000	1@49	DFT_BPSK	21.64	-3.6	18.04	63.68	2000	PASS
n38	30	20	522000	50@0	DFT_QPSK	20.67	-3.6	17.07	50.93	2000	PASS
n38	30	20	522000	25@12	DFT_QPSK	21.69	-3.6	18.09	64.42	2000	PASS
n38	30	20	522000	1@1	DFT_QPSK	21.57	-3.6	17.97	62.66	2000	PASS
n38	30	20	522000	1@49	DFT_QPSK	21.73	-3.6	18.13	65.01	2000	PASS
n38	30	20	522000	50@0	DFT_QAM16	19.7	-3.6	16.1	40.74	2000	PASS
n38	30	20	522000	25@12	DFT_QAM16	20.72	-3.6	17.12	51.52	2000	PASS
n38	30	20	522000	1@1	DFT_QAM16	20.86	-3.6	17.26	53.21	2000	PASS
n38	30	20	522000	1@49	DFT_QAM16	20.98	-3.6	17.38	54.7	2000	PASS
n38	30	20	522000	50@0	DFT_QAM64	19.16	-3.6	15.56	35.97	2000	PASS
n38	30	20	522000	25@12	DFT_QAM64	19.15	-3.6	15.55	35.89	2000	PASS
n38	30	20	522000	1@1	DFT_QAM64	18.77	-3.6	15.17	32.89	2000	PASS
n38	30	20	522000	1@49	DFT_QAM64	18.97	-3.6	15.37	34.43	2000	PASS
n38	30	20	522000	50@0	DFT_QAM256	17.13	-3.6	13.53	22.54	2000	PASS
n38	30	20	522000	25@12	DFT_QAM256	17.15	-3.6	13.55	22.65	2000	PASS
n38	30	20	522000	1@1	DFT_QAM256	16.92	-3.6	13.32	21.48	2000	PASS
n38	30	20	522000	1@49	DFT_QAM256	17.01	-3.6	13.41	21.93	2000	PASS
n38	30	20	522000	51@0	CP_QPSK	18.62	-3.6	15.02	31.77	2000	PASS
n38	30	20	522000	25@12	CP_QPSK	20.19	-3.6	16.59	45.6	2000	PASS
n38	30	20	522000	1@1	CP_QPSK	19.97	-3.6	16.37	43.35	2000	PASS
n38	30	20	522000	1@49	CP_QPSK	20.12	-3.6	16.52	44.87	2000	PASS
n38	30	20	522000	51@0	CP_QAM16	18.63	-3.6	15.03	31.84	2000	PASS
n38	30	20	522000	25@12	CP_QAM16	19.61	-3.6	16.01	39.9	2000	PASS
n38	30	20	522000	1@1	CP_QAM16	19.53	-3.6	15.93	39.17	2000	PASS
n38	30	20	522000	1@49	CP_QAM16	19.74	-3.6	16.14	41.11	2000	PASS
n38	30	20	522000	51@0	CP_QAM64	18.15	-3.6	14.55	28.51	2000	PASS
n38	30	20	522000	25@12	CP_QAM64	18.18	-3.6	14.58	28.71	2000	PASS
n38	30	20	522000	1@1	CP_QAM64	17.99	-3.6	14.39	27.48	2000	PASS

n38	30	20	522000	1@49	CP_QAM64	18.19	-3.6	14.59	28.77	2000	PASS
n38	30	20	522000	51@0	CP_QAM256	15.07	-3.6	11.47	14.03	2000	PASS
n38	30	20	522000	25@12	CP_QAM256	15.13	-3.6	11.53	14.22	2000	PASS
n38	30	20	522000	1@1	CP_QAM256	14.91	-3.6	11.31	13.52	2000	PASS
n38	30	20	522000	1@49	CP_QAM256	15.06	-3.6	11.46	14	2000	PASS

2 Frequency stability

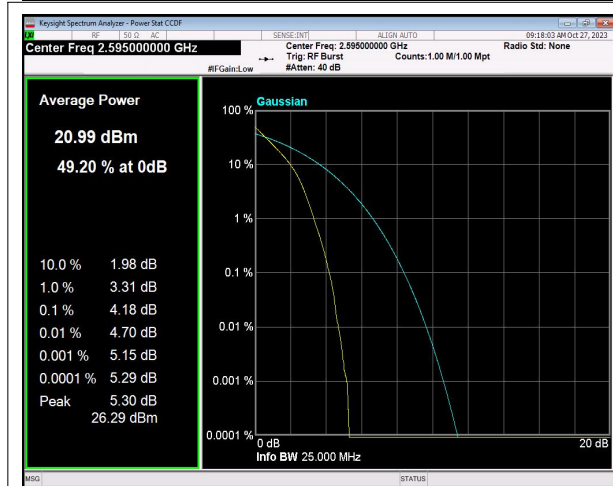
Condition		Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (Hz)	Result (ppm)	Verdict
Temperature (°C)	Voltage (V)									
20(Ref.)	3.0	n38	30	20	519000	50@0	DFT_BPSK	-3.3	-0.00127	PASS
20(Ref.)	3.87	n38	30	20	519000	50@0	DFT_BPSK	-2.9	-0.00112	PASS
20(Ref.)	4.35	n38	30	20	519000	50@0	DFT_BPSK	-1.6	-0.00062	PASS
-30	3.87	n38	30	20	519000	50@0	DFT_BPSK	-2.5	-0.00096	PASS
-20	3.87	n38	30	20	519000	50@0	DFT_BPSK	1.3	0.0005	PASS
-10	3.87	n38	30	20	519000	50@0	DFT_BPSK	1.6	0.00062	PASS
0	3.87	n38	30	20	519000	50@0	DFT_BPSK	-1.3	-0.0005	PASS
10	3.87	n38	30	20	519000	50@0	DFT_BPSK	-2.6	-0.001	PASS
20(Ref.)	3.87	n38	30	20	519000	50@0	DFT_BPSK	-2.9	-0.00112	PASS
30	3.87	n38	30	20	519000	50@0	DFT_BPSK	-6.9	-0.00266	PASS
40	3.87	n38	30	20	519000	50@0	DFT_BPSK	-7.5	-0.00289	PASS
50	3.87	n38	30	20	519000	50@0	DFT_BPSK	-7.1	-0.00274	PASS

Note:

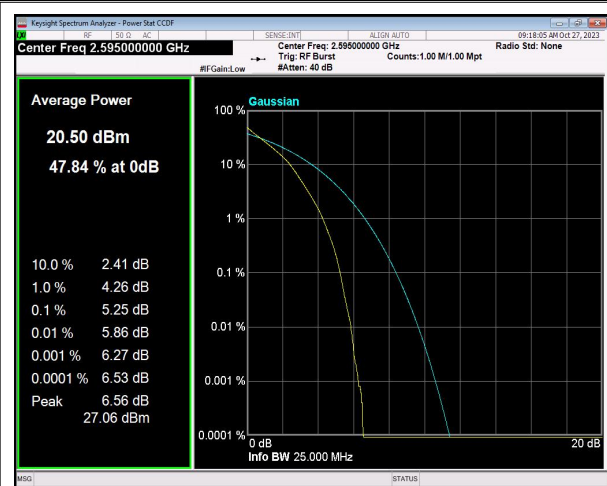
1. Normal Voltage = 3.87 V, Battery End Point (BEP) = 3.0 V, Maximum Voltage = 4.35 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

3 Peak-to-Average Ratio

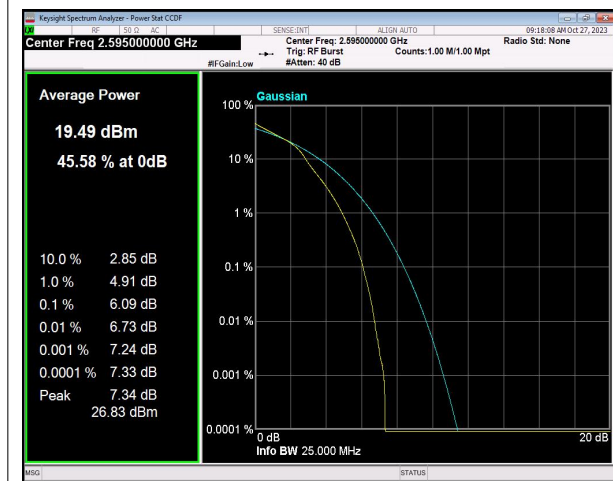
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n38	30	20	519000	50@0	DFT_BPSK	4.18	13	PASS
n38	30	20	519000	50@0	DFT_QPSK	5.25	13	PASS
n38	30	20	519000	50@0	DFT_QAM16	6.09	13	PASS
n38	30	20	519000	50@0	DFT_QAM64	6.34	13	PASS
n38	30	20	519000	50@0	DFT_QAM256	6.66	13	PASS



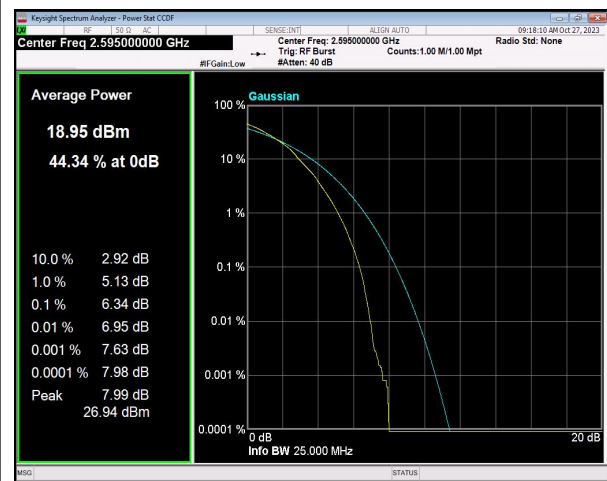
n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=519000
RB=50@0



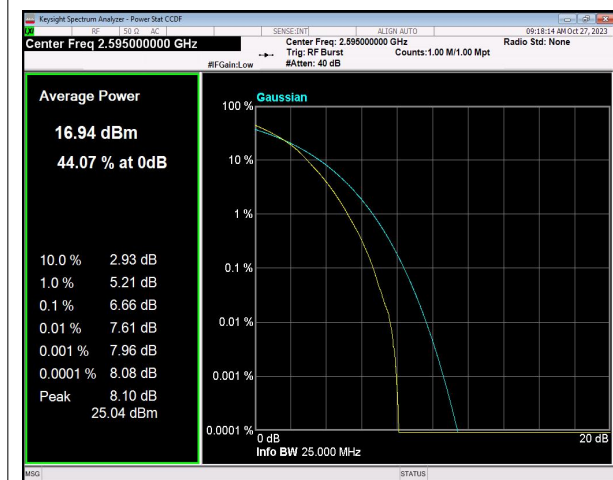
n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=519000
RB=50@0



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=519000
RB=50@0



n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=519000
RB=50@0



n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=519000
RB=50@0

4 Occupied bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	30	10	519000	2595	24@0	DFT_BPSK	8.591	9.280	PASS
n38	30	10	519000	2595	24@0	CP_QPSK	8.631	10.100	PASS
n38	30	10	519000	2595	24@0	CP_QAM16	8.631	9.420	PASS
n38	30	10	519000	2595	24@0	CP_QAM64	8.631	9.900	PASS
n38	30	10	519000	2595	24@0	CP_QAM256	8.591	9.300	PASS
n38	30	15	519000	2595	36@0	DFT_BPSK	12.977	14.820	PASS
n38	30	15	519000	2595	38@0	CP_QPSK	13.636	15.120	PASS
n38	30	15	519000	2595	38@0	CP_QAM16	13.636	14.580	PASS
n38	30	15	519000	2595	38@0	CP_QAM64	13.666	14.760	PASS
n38	30	15	519000	2595	38@0	CP_QAM256	13.666	14.670	PASS
n38	30	20	519000	2595	50@0	DFT_BPSK	17.982	19.240	PASS
n38	30	20	519000	2595	51@0	CP_QPSK	18.302	19.600	PASS
n38	30	20	519000	2595	51@0	CP_QAM16	18.342	19.680	PASS
n38	30	20	519000	2595	51@0	CP_QAM64	18.342	20.280	PASS
n38	30	20	519000	2595	51@0	CP_QAM256	18.302	20.240	PASS