Appendix B.13

LTE Band 42(3450-3550)

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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant4:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	5MHz	QPSK	42115	1RB#0	21.8	23.9	33	PASS
Band42	5MHz	QPSK	42115	1RB#12	21.96	24.06	33	PASS
Band42	5MHz	QPSK	42115	1RB#24	21.81	23.91	33	PASS
Band42	5MHz	QPSK	42115	25RB#0	20.86	22.96	33	PASS
Band42	5MHz	QPSK	42590	1RB#0	23.21	25.31	33	PASS
Band42	5MHz	QPSK	42590	1RB#12	22.21	24.31	33	PASS
Band42	5MHz	QPSK	42590	1RB#24	22.07	24.17	33	PASS
Band42	5MHz	QPSK	42590	25RB#0	21.17	23.27	33	PASS
Band42	5MHz	QPSK	43065	1RB#0	22.52	24.62	33	PASS
Band42	5MHz	QPSK	43065	1RB#12	22.18	24.28	33	PASS
Band42	5MHz	QPSK	43065	1RB#24	22.07	24.17	33	PASS
Band42	5MHz	QPSK	43065	25RB#0	21.08	23.18	33	PASS
Band42	5MHz	16QAM	42115	1RB#0	20.74	22.84	33	PASS
Band42	5MHz	16QAM	42115	1RB#12	20.87	22.97	33	PASS
Band42	5MHz	16QAM	42115	1RB#24	20.88	22.98	33	PASS
Band42	5MHz	16QAM	42115	25RB#0	19.91	22.01	33	PASS
Band42	5MHz	16QAM	42590	1RB#0	21.02	23.12	33	PASS
Band42	5MHz	16QAM	42590	1RB#12	21.14	23.24	33	PASS
Band42	5MHz	16QAM	42590	1RB#24	21.05	23.15	33	PASS
Band42	5MHz	16QAM	42590	25RB#0	20.16	22.26	33	PASS
Band42	5MHz	16QAM	43065	1RB#0	21.08	23.18	33	PASS
Band42	5MHz	16QAM	43065	1RB#12	21	23.1	33	PASS
Band42	5MHz	16QAM	43065	1RB#24	21.06	23.16	33	PASS
Band42	5MHz	16QAM	43065	25RB#0	20.11	22.21	33	PASS
Band42	5MHz	64QAM	42115	1RB#0	19.92	22.02	33	PASS
Band42	5MHz	64QAM	42115	1RB#12	19.99	22.09	33	PASS

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Band42	5MHz	64QAM	42115	1RB#24	19.91	22.01	33	PASS
Band42	5MHz	64QAM	42115	25RB#0	18.93	21.03	33	PASS
Band42	5MHz	64QAM	42590	1RB#0	20.25	22.35	33	PASS
Band42	5MHz	64QAM	42590	1RB#12	20.28	22.38	33	PASS
Band42	5MHz	64QAM	42590	1RB#24	20.27	22.37	33	PASS
Band42	5MHz	64QAM	42590	25RB#0	19.15	21.25	33	PASS
Band42	5MHz	64QAM	43065	1RB#0	20.06	22.16	33	PASS
Band42	5MHz	64QAM	43065	1RB#12	20.28	22.38	33	PASS
Band42	5MHz	64QAM	43065	1RB#24	20.12	22.22	33	PASS
Band42	5MHz	64QAM	43065	25RB#0	19.1	21.2	33	PASS
Band42	5MHz	256QAM	42115	1RB#0	16.74	18.84	33	PASS
Band42	5MHz	256QAM	42115	1RB#12	16.71	18.81	33	PASS
Band42	5MHz	256QAM	42115	1RB#24	16.85	18.95	33	PASS
Band42	5MHz	256QAM	42115	25RB#0	16.89	18.99	33	PASS
Band42	5MHz	256QAM	42590	1RB#0	16.99	19.09	33	PASS
Band42	5MHz	256QAM	42590	1RB#12	17.19	19.29	33	PASS
Band42	5MHz	256QAM	42590	1RB#24	16.96	19.06	33	PASS
Band42	5MHz	256QAM	42590	25RB#0	17.15	19.25	33	PASS
Band42	5MHz	256QAM	43065	1RB#0	17.04	19.14	33	PASS
Band42	5MHz	256QAM	43065	1RB#12	17.11	19.21	33	PASS
Band42	5MHz	256QAM	43065	1RB#24	17.08	19.18	33	PASS
Band42	5MHz	256QAM	43065	25RB#0	17.09	19.19	33	PASS
Band42	10MHz	QPSK	42140	1RB#0	21.83	23.93	33	PASS
Band42	10MHz	QPSK	42140	1RB#24	21.89	23.99	33	PASS
Band42	10MHz	QPSK	42140	1RB#49	21.83	23.93	33	PASS
Band42	10MHz	QPSK	42140	50RB#0	20.94	23.04	33	PASS
Band42	10MHz	QPSK	42590	1RB#0	22.45	24.55	33	PASS
Band42	10MHz	QPSK	42590	1RB#24	22.17	24.27	33	PASS
Band42	10MHz	QPSK	42590	1RB#49	22.15	24.25	33	PASS
Band42	10MHz	QPSK	42590	50RB#0	21.09	23.19	33	PASS
Band42	10MHz	QPSK	43040	1RB#0	22.36	24.46	33	PASS
Band42	10MHz	QPSK	43040	1RB#24	22.06	24.16	33	PASS

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Band42	10MHz	QPSK	43040	1RB#49	22.14	24.24	33	PASS
Band42	10MHz	QPSK	43040	50RB#0	21.16	23.26	33	PASS
Band42	10MHz	16QAM	42140	1RB#0	21.11	23.21	33	PASS
Band42	10MHz	16QAM	42140	1RB#24	20.89	22.99	33	PASS
Band42	10MHz	16QAM	42140	1RB#49	20.95	23.05	33	PASS
Band42	10MHz	16QAM	42140	50RB#0	19.92	22.02	33	PASS
Band42	10MHz	16QAM	42590	1RB#0	21.08	23.18	33	PASS
Band42	10MHz	16QAM	42590	1RB#24	21.13	23.23	33	PASS
Band42	10MHz	16QAM	42590	1RB#49	21.23	23.33	33	PASS
Band42	10MHz	16QAM	42590	50RB#0	20.08	22.18	33	PASS
Band42	10MHz	16QAM	43040	1RB#0	21.15	23.25	33	PASS
Band42	10MHz	16QAM	43040	1RB#24	21.07	23.17	33	PASS
Band42	10MHz	16QAM	43040	1RB#49	21.12	23.22	33	PASS
Band42	10MHz	16QAM	43040	50RB#0	20.16	22.26	33	PASS
Band42	10MHz	64QAM	42140	1RB#0	20.82	22.92	33	PASS
Band42	10MHz	64QAM	42140	1RB#24	19.93	22.03	33	PASS
Band42	10MHz	64QAM	42140	1RB#49	19.96	22.06	33	PASS
Band42	10MHz	64QAM	42140	50RB#0	18.94	21.04	33	PASS
Band42	10MHz	64QAM	42590	1RB#0	20.1	22.2	33	PASS
Band42	10MHz	64QAM	42590	1RB#24	20.27	22.37	33	PASS
Band42	10MHz	64QAM	42590	1RB#49	20.27	22.37	33	PASS
Band42	10MHz	64QAM	42590	50RB#0	19.1	21.2	33	PASS
Band42	10MHz	64QAM	43040	1RB#0	20.25	22.35	33	PASS
Band42	10MHz	64QAM	43040	1RB#24	20.16	22.26	33	PASS
Band42	10MHz	64QAM	43040	1RB#49	20.34	22.44	33	PASS
Band42	10MHz	64QAM	43040	50RB#0	19.16	21.26	33	PASS
Band42	10MHz	256QAM	42140	1RB#0	16.85	18.95	33	PASS
Band42	10MHz	256QAM	42140	1RB#24	16.96	19.06	33	PASS
Band42	10MHz	256QAM	42140	1RB#49	16.87	18.97	33	PASS
Band42	10MHz	256QAM	42140	50RB#0	16.96	19.06	33	PASS
Band42	10MHz	256QAM	42590	1RB#0	16.98	19.08	33	PASS
Band42	10MHz	256QAM	42590	1RB#24	17.19	19.29	33	PASS

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Band42	10MHz	256QAM	42590	1RB#49	17.08	19.18	33	PASS
Band42	10MHz	256QAM	42590	50RB#0	17.1	19.2	33	PASS
Band42	10MHz	256QAM	43040	1RB#0	17.07	19.17	33	PASS
Band42	10MHz	256QAM	43040	1RB#24	16.99	19.09	33	PASS
Band42	10MHz	256QAM	43040	1RB#49	17.12	19.22	33	PASS
Band42	10MHz	256QAM	43040	50RB#0	17.16	19.26	33	PASS
Band42	15MHz	QPSK	42165	1RB#0	21.6	23.7	33	PASS
Band42	15MHz	QPSK	42165	1RB#38	21.74	23.84	33	PASS
Band42	15MHz	QPSK	42165	1RB#74	21.72	23.82	33	PASS
Band42	15MHz	QPSK	42165	75RB#0	20.75	22.85	33	PASS
Band42	15MHz	QPSK	42590	1RB#0	22.52	24.62	33	PASS
Band42	15MHz	QPSK	42590	1RB#38	21.96	24.06	33	PASS
Band42	15MHz	QPSK	42590	1RB#74	21.98	24.08	33	PASS
Band42	15MHz	QPSK	42590	75RB#0	20.93	23.03	33	PASS
Band42	15MHz	QPSK	43015	1RB#0	22.98	25.08	33	PASS
Band42	15MHz	QPSK	43015	1RB#38	22.03	24.13	33	PASS
Band42	15MHz	QPSK	43015	1RB#74	21.88	23.98	33	PASS
Band42	15MHz	QPSK	43015	75RB#0	20.99	23.09	33	PASS
Band42	15MHz	16QAM	42165	1RB#0	20.54	22.64	33	PASS
Band42	15MHz	16QAM	42165	1RB#38	20.64	22.74	33	PASS
Band42	15MHz	16QAM	42165	1RB#74	20.67	22.77	33	PASS
Band42	15MHz	16QAM	42165	75RB#0	19.78	21.88	33	PASS
Band42	15MHz	16QAM	42590	1RB#0	20.86	22.96	33	PASS
Band42	15MHz	16QAM	42590	1RB#38	20.93	23.03	33	PASS
Band42	15MHz	16QAM	42590	1RB#74	20.93	23.03	33	PASS
Band42	15MHz	16QAM	42590	75RB#0	19.94	22.04	33	PASS
Band42	15MHz	16QAM	43015	1RB#0	20.8	22.9	33	PASS
Band42	15MHz	16QAM	43015	1RB#38	20.83	22.93	33	PASS
Band42	15MHz	16QAM	43015	1RB#74	20.78	22.88	33	PASS
Band42	15MHz	16QAM	43015	75RB#0	19.98	22.08	33	PASS
Band42	15MHz	64QAM	42165	1RB#0	19.61	21.71	33	PASS
Band42	15MHz	64QAM	42165	1RB#38	19.71	21.81	33	PASS

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Band42	15MHz	64QAM	42165	1RB#74	19.75	21.85	33	PASS
Band42	15MHz	64QAM	42165	75RB#0	18.78	20.88	33	PASS
Band42	15MHz	64QAM	42590	1RB#0	19.86	21.96	33	PASS
Band42	15MHz	64QAM	42590	1RB#38	20.09	22.19	33	PASS
Band42	15MHz	64QAM	42590	1RB#74	20	22.1	33	PASS
Band42	15MHz	64QAM	42590	75RB#0	18.92	21.02	33	PASS
Band42	15MHz	64QAM	43015	1RB#0	19.92	22.02	33	PASS
Band42	15MHz	64QAM	43015	1RB#38	20.01	22.11	33	PASS
Band42	15MHz	64QAM	43015	1RB#74	19.98	22.08	33	PASS
Band42	15MHz	64QAM	43015	75RB#0	18.99	21.09	33	PASS
Band42	15MHz	256QAM	42165	1RB#0	16.51	18.61	33	PASS
Band42	15MHz	256QAM	42165	1RB#38	16.69	18.79	33	PASS
Band42	15MHz	256QAM	42165	1RB#74	16.8	18.9	33	PASS
Band42	15MHz	256QAM	42165	75RB#0	16.79	18.89	33	PASS
Band42	15MHz	256QAM	42590	1RB#0	16.83	18.93	33	PASS
Band42	15MHz	256QAM	42590	1RB#38	16.9	19	33	PASS
Band42	15MHz	256QAM	42590	1RB#74	16.86	18.96	33	PASS
Band42	15MHz	256QAM	42590	75RB#0	16.98	19.08	33	PASS
Band42	15MHz	256QAM	43015	1RB#0	16.86	18.96	33	PASS
Band42	15MHz	256QAM	43015	1RB#38	16.96	19.06	33	PASS
Band42	15MHz	256QAM	43015	1RB#74	17.04	19.14	33	PASS
Band42	15MHz	256QAM	43015	75RB#0	17	19.1	33	PASS
Band42	20MHz	QPSK	42190	1RB#0	21.51	23.61	33	PASS
Band42	20MHz	QPSK	42190	1RB#49	21.67	23.77	33	PASS
Band42	20MHz	QPSK	42190	1RB#99	21.64	23.74	33	PASS
Band42	20MHz	QPSK	42190	100RB#0	20.76	22.86	33	PASS
Band42	20MHz	QPSK	42590	1RB#0	22.74	24.84	33	PASS
Band42	20MHz	QPSK	42590	1RB#49	21.92	24.02	33	PASS
Band42	20MHz	QPSK	42590	1RB#99	21.88	23.98	33	PASS
Band42	20MHz	QPSK	42590	100RB#0	20.91	23.01	33	PASS
Band42	20MHz	QPSK	42990	1RB#0	22.69	24.79	33	PASS
Band42	20MHz	QPSK	42990	1RB#49	21.95	24.05	33	PASS

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Band42	20MHz	QPSK	42990	1RB#99	21.98	24.08	33	PASS
Band42	20MHz	QPSK	42990	100RB#0	21.01	23.11	33	PASS
Band42	20MHz	16QAM	42190	1RB#0	20.47	22.57	33	PASS
Band42	20MHz	16QAM	42190	1RB#49	20.72	22.82	33	PASS
Band42	20MHz	16QAM	42190	1RB#99	20.63	22.73	33	PASS
Band42	20MHz	16QAM	42190	100RB#0	19.77	21.87	33	PASS
Band42	20MHz	16QAM	42590	1RB#0	20.81	22.91	33	PASS
Band42	20MHz	16QAM	42590	1RB#49	21.03	23.13	33	PASS
Band42	20MHz	16QAM	42590	1RB#99	20.83	22.93	33	PASS
Band42	20MHz	16QAM	42590	100RB#0	19.96	22.06	33	PASS
Band42	20MHz	16QAM	42990	1RB#0	20.8	22.9	33	PASS
Band42	20MHz	16QAM	42990	1RB#49	21.04	23.14	33	PASS
Band42	20MHz	16QAM	42990	1RB#99	20.91	23.01	33	PASS
Band42	20MHz	16QAM	42990	100RB#0	20	22.1	33	PASS
Band42	20MHz	64QAM	42190	1RB#0	19.57	21.67	33	PASS
Band42	20MHz	64QAM	42190	1RB#49	19.79	21.89	33	PASS
Band42	20MHz	64QAM	42190	1RB#99	19.68	21.78	33	PASS
Band42	20MHz	64QAM	42190	100RB#0	18.75	20.85	33	PASS
Band42	20MHz	64QAM	42590	1RB#0	19.81	21.91	33	PASS
Band42	20MHz	64QAM	42590	1RB#49	20.12	22.22	33	PASS
Band42	20MHz	64QAM	42590	1RB#99	19.93	22.03	33	PASS
Band42	20MHz	64QAM	42590	100RB#0	18.93	21.03	33	PASS
Band42	20MHz	64QAM	42990	1RB#0	19.98	22.08	33	PASS
Band42	20MHz	64QAM	42990	1RB#49	20.02	22.12	33	PASS
Band42	20MHz	64QAM	42990	1RB#99	19.94	22.04	33	PASS
Band42	20MHz	64QAM	42990	100RB#0	18.97	21.07	33	PASS
Band42	20MHz	256QAM	42190	1RB#0	16.61	18.71	33	PASS
Band42	20MHz	256QAM	42190	1RB#49	16.73	18.83	33	PASS
Band42	20MHz	256QAM	42190	1RB#99	16.88	18.98	33	PASS
Band42	20MHz	256QAM	42190	100RB#0	16.76	18.86	33	PASS
Band42	20MHz	256QAM	42590	1RB#0	16.7	18.8	33	PASS
Band42	20MHz	256QAM	42590	1RB#49	16.9	19	33	PASS

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Band42	20MHz	256QAM	42590	1RB#99	16.86	18.96	33	PASS
Band42	20MHz	256QAM	42590	100RB#0	16.93	19.03	33	PASS
Band42	20MHz	256QAM	42990	1RB#0	16.96	19.06	33	PASS
Band42	20MHz	256QAM	42990	1RB#49	17.02	19.12	33	PASS
Band42	20MHz	256QAM	42990	1RB#99	16.9	19	33	PASS
Band42	20MHz	256QAM	42990	100RB#0	17.02	19.12	33	PASS

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Ant6:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band42	5MHz	QPSK	42115	1RB#0	21.78	24.08	33	PASS
Band42	5MHz	QPSK	42115	1RB#12	21.94	24.24	33	PASS
Band42	5MHz	QPSK	42115	1RB#24	21.79	24.09	33	PASS
Band42	5MHz	QPSK	42115	25RB#0	20.84	23.14	33	PASS
Band42	5MHz	QPSK	42590	1RB#0	23.19	25.49	33	PASS
Band42	5MHz	QPSK	42590	1RB#12	22.19	24.49	33	PASS
Band42	5MHz	QPSK	42590	1RB#24	22.05	24.35	33	PASS
Band42	5MHz	QPSK	42590	25RB#0	21.15	23.45	33	PASS
Band42	5MHz	QPSK	43065	1RB#0	22.50	24.80	33	PASS
Band42	5MHz	QPSK	43065	1RB#12	22.16	24.46	33	PASS
Band42	5MHz	QPSK	43065	1RB#24	22.05	24.35	33	PASS
Band42	5MHz	QPSK	43065	25RB#0	21.06	23.36	33	PASS
Band42	5MHz	16QAM	42115	1RB#0	20.72	23.02	33	PASS
Band42	5MHz	16QAM	42115	1RB#12	20.85	23.15	33	PASS
Band42	5MHz	16QAM	42115	1RB#24	20.86	23.16	33	PASS
Band42	5MHz	16QAM	42115	25RB#0	19.89	22.19	33	PASS
Band42	5MHz	16QAM	42590	1RB#0	21.00	23.30	33	PASS
Band42	5MHz	16QAM	42590	1RB#12	21.12	23.42	33	PASS
Band42	5MHz	16QAM	42590	1RB#24	21.03	23.33	33	PASS
Band42	5MHz	16QAM	42590	25RB#0	20.14	22.44	33	PASS
Band42	5MHz	16QAM	43065	1RB#0	21.06	23.36	33	PASS
Band42	5MHz	16QAM	43065	1RB#12	20.98	23.28	33	PASS
Band42	5MHz	16QAM	43065	1RB#24	21.04	23.34	33	PASS
Band42	5MHz	16QAM	43065	25RB#0	20.09	22.39	33	PASS
Band42	5MHz	64QAM	42115	1RB#0	19.90	22.20	33	PASS
Band42	5MHz	64QAM	42115	1RB#12	19.97	22.27	33	PASS
Band42	5MHz	64QAM	42115	1RB#24	19.89	22.19	33	PASS
Band42	5MHz	64QAM	42115	25RB#0	18.91	21.21	33	PASS
Band42	5MHz	64QAM	42590	1RB#0	20.23	22.53	33	PASS

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Band42	5MHz	64QAM	42590	1RB#12	20.26	22.56	33	PASS
Band42	5MHz	64QAM	42590	1RB#24	20.25	22.55	33	PASS
Band42	5MHz	64QAM	42590	25RB#0	19.13	21.43	33	PASS
Band42	5MHz	64QAM	43065	1RB#0	20.04	22.34	33	PASS
Band42	5MHz	64QAM	43065	1RB#12	20.26	22.56	33	PASS
Band42	5MHz	64QAM	43065	1RB#24	20.10	22.40	33	PASS
Band42	5MHz	64QAM	43065	25RB#0	19.08	21.38	33	PASS
Band42	5MHz	256QAM	42115	1RB#0	16.72	19.02	33	PASS
Band42	5MHz	256QAM	42115	1RB#12	16.69	18.99	33	PASS
Band42	5MHz	256QAM	42115	1RB#24	16.83	19.13	33	PASS
Band42	5MHz	256QAM	42115	25RB#0	16.87	19.17	33	PASS
Band42	5MHz	256QAM	42590	1RB#0	16.97	19.27	33	PASS
Band42	5MHz	256QAM	42590	1RB#12	17.17	19.47	33	PASS
Band42	5MHz	256QAM	42590	1RB#24	16.94	19.24	33	PASS
Band42	5MHz	256QAM	42590	25RB#0	17.13	19.43	33	PASS
Band42	5MHz	256QAM	43065	1RB#0	17.02	19.32	33	PASS
Band42	5MHz	256QAM	43065	1RB#12	17.09	19.39	33	PASS
Band42	5MHz	256QAM	43065	1RB#24	17.06	19.36	33	PASS
Band42	5MHz	256QAM	43065	25RB#0	17.07	19.37	33	PASS
Band42	10MHz	QPSK	42140	1RB#0	21.81	24.11	33	PASS
Band42	10MHz	QPSK	42140	1RB#24	21.87	24.17	33	PASS
Band42	10MHz	QPSK	42140	1RB#49	21.81	24.11	33	PASS
Band42	10MHz	QPSK	42140	50RB#0	20.92	23.22	33	PASS
Band42	10MHz	QPSK	42590	1RB#0	22.43	24.73	33	PASS
Band42	10MHz	QPSK	42590	1RB#24	22.15	24.45	33	PASS
Band42	10MHz	QPSK	42590	1RB#49	22.13	24.43	33	PASS
Band42	10MHz	QPSK	42590	50RB#0	21.07	23.37	33	PASS
Band42	10MHz	QPSK	43040	1RB#0	22.34	24.64	33	PASS
Band42	10MHz	QPSK	43040	1RB#24	22.04	24.34	33	PASS
Band42	10MHz	QPSK	43040	1RB#49	22.12	24.42	33	PASS
Band42	10MHz	QPSK	43040	50RB#0	21.14	23.44	33	PASS
Band42	10MHz	16QAM	42140	1RB#0	21.09	23.39	33	PASS

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Band42	10MHz	16QAM	42140	1RB#24	20.87	23.17	33	PASS
Band42	10MHz	16QAM	42140	1RB#49	20.93	23.23	33	PASS
Band42	10MHz	16QAM	42140	50RB#0	19.90	22.20	33	PASS
Band42	10MHz	16QAM	42590	1RB#0	21.06	23.36	33	PASS
Band42	10MHz	16QAM	42590	1RB#24	21.11	23.41	33	PASS
Band42	10MHz	16QAM	42590	1RB#49	21.21	23.51	33	PASS
Band42	10MHz	16QAM	42590	50RB#0	20.06	22.36	33	PASS
Band42	10MHz	16QAM	43040	1RB#0	21.13	23.43	33	PASS
Band42	10MHz	16QAM	43040	1RB#24	21.05	23.35	33	PASS
Band42	10MHz	16QAM	43040	1RB#49	21.10	23.40	33	PASS
Band42	10MHz	16QAM	43040	50RB#0	20.14	22.44	33	PASS
Band42	10MHz	64QAM	42140	1RB#0	20.80	23.10	33	PASS
Band42	10MHz	64QAM	42140	1RB#24	19.91	22.21	33	PASS
Band42	10MHz	64QAM	42140	1RB#49	19.94	22.24	33	PASS
Band42	10MHz	64QAM	42140	50RB#0	18.92	21.22	33	PASS
Band42	10MHz	64QAM	42590	1RB#0	20.08	22.38	33	PASS
Band42	10MHz	64QAM	42590	1RB#24	20.25	22.55	33	PASS
Band42	10MHz	64QAM	42590	1RB#49	20.25	22.55	33	PASS
Band42	10MHz	64QAM	42590	50RB#0	19.08	21.38	33	PASS
Band42	10MHz	64QAM	43040	1RB#0	20.23	22.53	33	PASS
Band42	10MHz	64QAM	43040	1RB#24	20.14	22.44	33	PASS
Band42	10MHz	64QAM	43040	1RB#49	20.32	22.62	33	PASS
Band42	10MHz	64QAM	43040	50RB#0	19.14	21.44	33	PASS
Band42	10MHz	256QAM	42140	1RB#0	16.83	19.13	33	PASS
Band42	10MHz	256QAM	42140	1RB#24	16.94	19.24	33	PASS
Band42	10MHz	256QAM	42140	1RB#49	16.85	19.15	33	PASS
Band42	10MHz	256QAM	42140	50RB#0	16.94	19.24	33	PASS
Band42	10MHz	256QAM	42590	1RB#0	16.96	19.26	33	PASS
Band42	10MHz	256QAM	42590	1RB#24	17.17	19.47	33	PASS
Band42	10MHz	256QAM	42590	1RB#49	17.06	19.36	33	PASS
Band42	10MHz	256QAM	42590	50RB#0	17.08	19.38	33	PASS
Band42	10MHz	256QAM	43040	1RB#0	17.05	19.35	33	PASS

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Band42	10MHz	256QAM	43040	1RB#24	16.97	19.27	33	PASS
Band42	10MHz	256QAM	43040	1RB#49	17.10	19.40	33	PASS
Band42	10MHz	256QAM	43040	50RB#0	17.14	19.44	33	PASS
Band42	15MHz	QPSK	42165	1RB#0	21.58	23.88	33	PASS
Band42	15MHz	QPSK	42165	1RB#38	21.72	24.02	33	PASS
Band42	15MHz	QPSK	42165	1RB#74	21.70	24.00	33	PASS
Band42	15MHz	QPSK	42165	75RB#0	20.73	23.03	33	PASS
Band42	15MHz	QPSK	42590	1RB#0	22.50	24.80	33	PASS
Band42	15MHz	QPSK	42590	1RB#38	21.94	24.24	33	PASS
Band42	15MHz	QPSK	42590	1RB#74	21.96	24.26	33	PASS
Band42	15MHz	QPSK	42590	75RB#0	20.91	23.21	33	PASS
Band42	15MHz	QPSK	43015	1RB#0	22.96	25.26	33	PASS
Band42	15MHz	QPSK	43015	1RB#38	22.01	24.31	33	PASS
Band42	15MHz	QPSK	43015	1RB#74	21.86	24.16	33	PASS
Band42	15MHz	QPSK	43015	75RB#0	20.97	23.27	33	PASS
Band42	15MHz	16QAM	42165	1RB#0	20.52	22.82	33	PASS
Band42	15MHz	16QAM	42165	1RB#38	20.62	22.92	33	PASS
Band42	15MHz	16QAM	42165	1RB#74	20.65	22.95	33	PASS
Band42	15MHz	16QAM	42165	75RB#0	19.76	22.06	33	PASS
Band42	15MHz	16QAM	42590	1RB#0	20.84	23.14	33	PASS
Band42	15MHz	16QAM	42590	1RB#38	20.91	23.21	33	PASS
Band42	15MHz	16QAM	42590	1RB#74	20.91	23.21	33	PASS
Band42	15MHz	16QAM	42590	75RB#0	19.92	22.22	33	PASS
Band42	15MHz	16QAM	43015	1RB#0	20.78	23.08	33	PASS
Band42	15MHz	16QAM	43015	1RB#38	20.81	23.11	33	PASS
Band42	15MHz	16QAM	43015	1RB#74	20.76	23.06	33	PASS
Band42	15MHz	16QAM	43015	75RB#0	19.96	22.26	33	PASS
Band42	15MHz	64QAM	42165	1RB#0	19.59	21.89	33	PASS
Band42	15MHz	64QAM	42165	1RB#38	19.69	21.99	33	PASS
Band42	15MHz	64QAM	42165	1RB#74	19.73	22.03	33	PASS
Band42	15MHz	64QAM	42165	75RB#0	18.76	21.06	33	PASS
Band42	15MHz	64QAM	42590	1RB#0	19.84	22.14	33	PASS

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Band42	15MHz	64QAM	42590	1RB#74	19.98	22.28	33	PASS
Band42	15MHz	64QAM	42590	75RB#0	18.90	21.20	33	PASS
Band42	15MHz	64QAM	43015	1RB#0	19.90	22.20	33	PASS
Band42	15MHz	64QAM	43015	1RB#38	19.99	22.29	33	PASS
Band42	15MHz	64QAM	43015	1RB#74	19.96	22.26	33	PASS
Band42	15MHz	64QAM	43015	75RB#0	18.97	21.27	33	PASS
Band42	15MHz	256QAM	42165	1RB#0	16.49	18.79	33	PASS
Band42	15MHz	256QAM	42165	1RB#38	16.67	18.97	33	PASS
Band42	15MHz	256QAM	42165	1RB#74	16.78	19.08	33	PASS
Band42	15MHz	256QAM	42165	75RB#0	16.77	19.07	33	PASS
Band42	15MHz	256QAM	42590	1RB#0	16.81	19.11	33	PASS
Band42	15MHz	256QAM	42590	1RB#38	16.88	19.18	33	PASS
Band42	15MHz	256QAM	42590	1RB#74	16.84	19.14	33	PASS
Band42	15MHz	256QAM	42590	75RB#0	16.96	19.26	33	PASS
Band42	15MHz	256QAM	43015	1RB#0	16.84	19.14	33	PASS
Band42	15MHz	256QAM	43015	1RB#38	16.94	19.24	33	PASS
Band42	15MHz	256QAM	43015	1RB#74	17.02	19.32	33	PASS
Band42	15MHz	256QAM	43015	75RB#0	16.98	19.28	33	PASS
Band42	20MHz	QPSK	42190	1RB#0	21.49	23.79	33	PASS
Band42	20MHz	QPSK	42190	1RB#49	21.65	23.95	33	PASS
Band42	20MHz	QPSK	42190	1RB#99	21.62	23.92	33	PASS
Band42	20MHz	QPSK	42190	100RB#0	20.74	23.04	33	PASS
Band42	20MHz	QPSK	42590	1RB#0	22.72	25.02	33	PASS
Band42	20MHz	QPSK	42590	1RB#49	21.90	24.20	33	PASS
Band42	20MHz	QPSK	42590	1RB#99	21.86	24.16	33	PASS
Band42	20MHz	QPSK	42590	100RB#0	20.89	23.19	33	PASS
Band42	20MHz	QPSK	42990	1RB#0	22.67	24.97	33	PASS
Band42	20MHz	QPSK	42990	1RB#49	21.93	24.23	33	PASS
Band42	20MHz	QPSK	42990	1RB#99	21.96	24.26	33	PASS
Band42	20MHz	QPSK	42990	100RB#0	20.99	23.29	33	PASS
Band42	20MHz	16QAM	42190	1RB#0	20.45	22.75	33	PASS

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Band42	20MHz	16QAM	42190	1RB#49	20.70	23.00	33	PASS
Band42	20MHz	16QAM	42190	1RB#99	20.61	22.91	33	PASS
Band42	20MHz	16QAM	42190	100RB#0	19.75	22.05	33	PASS
Band42	20MHz	16QAM	42590	1RB#0	20.79	23.09	33	PASS
Band42	20MHz	16QAM	42590	1RB#49	21.01	23.31	33	PASS
Band42	20MHz	16QAM	42590	1RB#99	20.81	23.11	33	PASS
Band42	20MHz	16QAM	42590	100RB#0	19.94	22.24	33	PASS
Band42	20MHz	16QAM	42990	1RB#0	20.78	23.08	33	PASS
Band42	20MHz	16QAM	42990	1RB#49	21.02	23.32	33	PASS
Band42	20MHz	16QAM	42990	1RB#99	20.89	23.19	33	PASS
Band42	20MHz	16QAM	42990	100RB#0	19.98	22.28	33	PASS
Band42	20MHz	64QAM	42190	1RB#0	19.55	21.85	33	PASS
Band42	20MHz	64QAM	42190	1RB#49	19.77	22.07	33	PASS
Band42	20MHz	64QAM	42190	1RB#99	19.66	21.96	33	PASS
Band42	20MHz	64QAM	42190	100RB#0	18.73	21.03	33	PASS
Band42	20MHz	64QAM	42590	1RB#0	19.79	22.09	33	PASS
Band42	20MHz	64QAM	42590	1RB#49	20.10	22.40	33	PASS
Band42	20MHz	64QAM	42590	1RB#99	19.91	22.21	33	PASS
Band42	20MHz	64QAM	42590	100RB#0	18.91	21.21	33	PASS
Band42	20MHz	64QAM	42990	1RB#0	19.96	22.26	33	PASS
Band42	20MHz	64QAM	42990	1RB#49	20.00	22.30	33	PASS
Band42	20MHz	64QAM	42990	1RB#99	19.92	22.22	33	PASS
Band42	20MHz	64QAM	42990	100RB#0	18.95	21.25	33	PASS
Band42	20MHz	256QAM	42190	1RB#0	16.59	18.89	33	PASS
Band42	20MHz	256QAM	42190	1RB#49	16.71	19.01	33	PASS
Band42	20MHz	256QAM	42190	1RB#99	16.86	19.16	33	PASS
Band42	20MHz	256QAM	42190	100RB#0	16.74	19.04	33	PASS
Band42	20MHz	256QAM	42590	1RB#0	16.68	18.98	33	PASS
Band42	20MHz	256QAM	42590	1RB#49	16.88	19.18	33	PASS
Band42	20MHz	256QAM	42590	1RB#99	16.84	19.14	33	PASS
Band42	20MHz	256QAM	42590	100RB#0	16.91	19.21	33	PASS
Band42	20MHz	256QAM	42990	1RB#0	16.94	19.24	33	PASS

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Band42	20MHz	256QAM	42990	1RB#49	17.00	19.30	33	PASS
Band42	20MHz	256QAM	42990	1RB#99	16.88	19.18	33	PASS
Band42	20MHz	256QAM	42990	100RB#0	17.00	19.30	33	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band42	20MHz	QPSK	42190	100RB#0	6.90	13	PASS
Band42	20MHz	QPSK	42590	100RB#0	7.10	13	PASS
Band42	20MHz	QPSK	42990	100RB#0	6.88	13	PASS
Band42	20MHz	16QAM	42190	100RB#0	7.76	13	PASS
Band42	20MHz	16QAM	42590	100RB#0	7.96	13	PASS
Band42	20MHz	16QAM	42990	100RB#0	7.92	13	PASS
Band42	20MHz	64QAM	42190	100RB#0	8.54	13	PASS
Band42	20MHz	64QAM	42590	100RB#0	8.40	13	PASS
Band42	20MHz	64QAM	42990	100RB#0	8.60	13	PASS
Band42	20MHz	256QAM	42190	100RB#0	8.60	13	PASS
Band42	20MHz	256QAM	42590	100RB#0	8.64	13	PASS
Band42	20MHz	256QAM	42990	100RB#0	8.78	13	PASS

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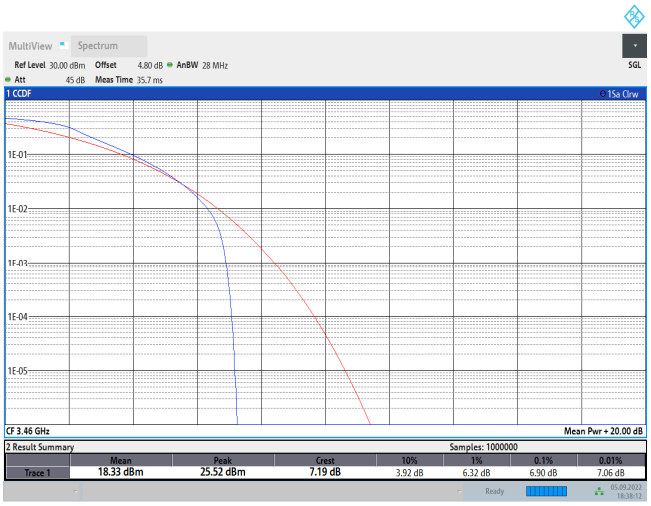
Test Graphs

Band42-20MHz-QPSK-42190-100RB#0


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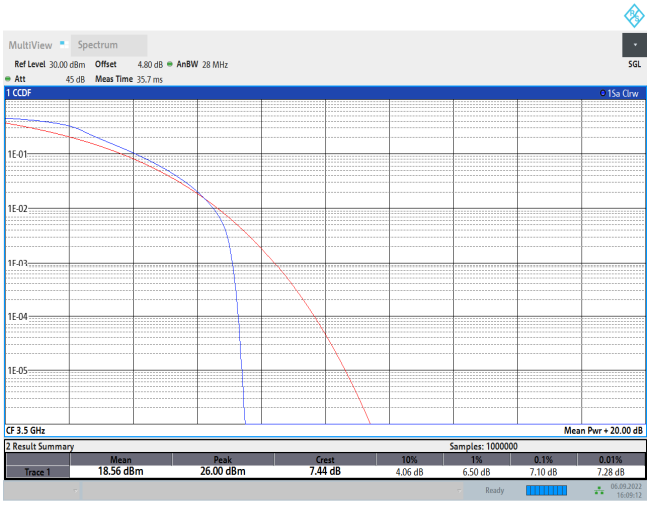

16:09:13 06.09.2022

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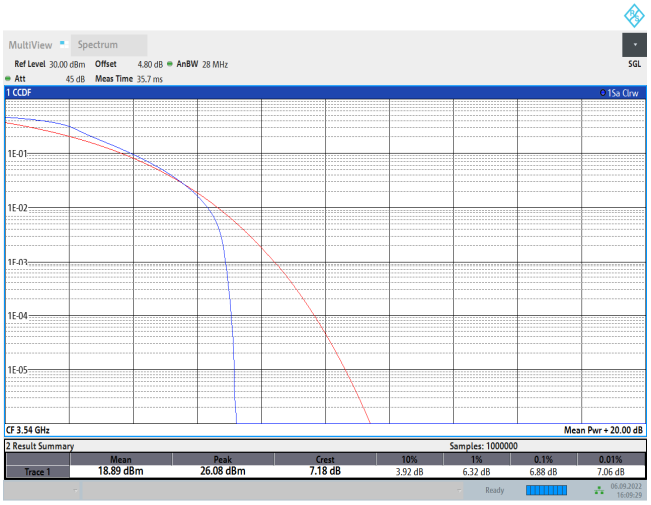

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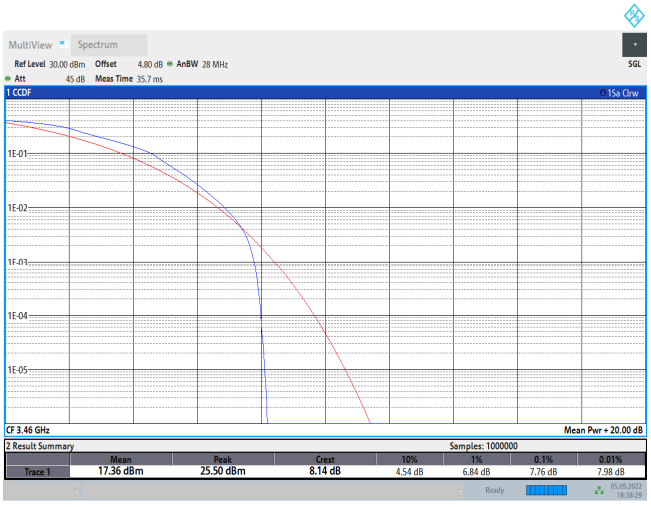

18:38:30 05.09.2022

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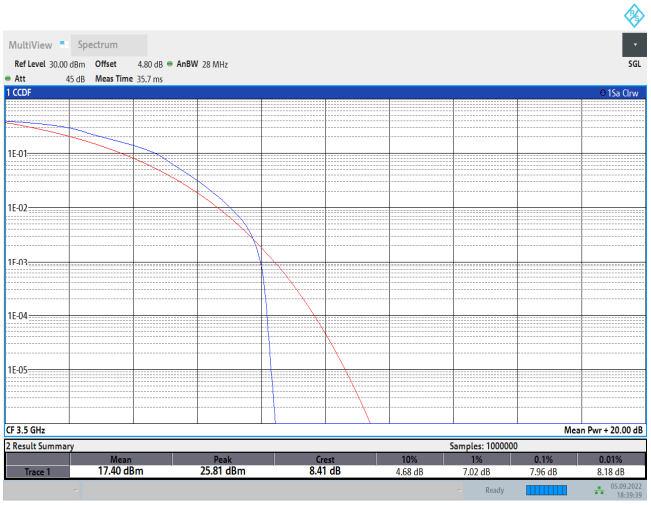

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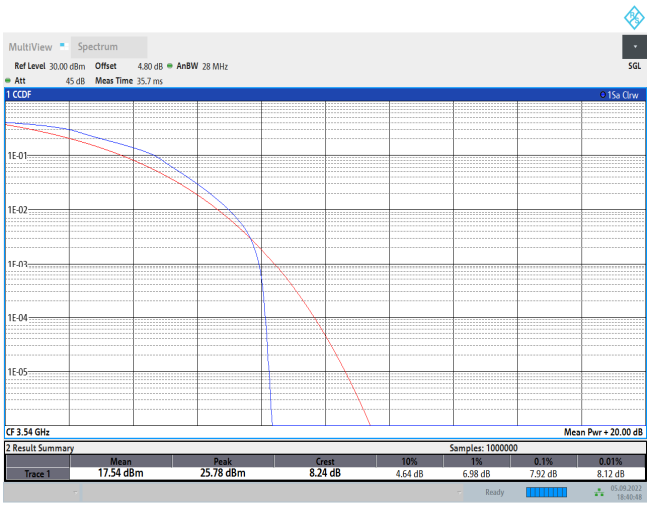

18:40:49 05.09.2022

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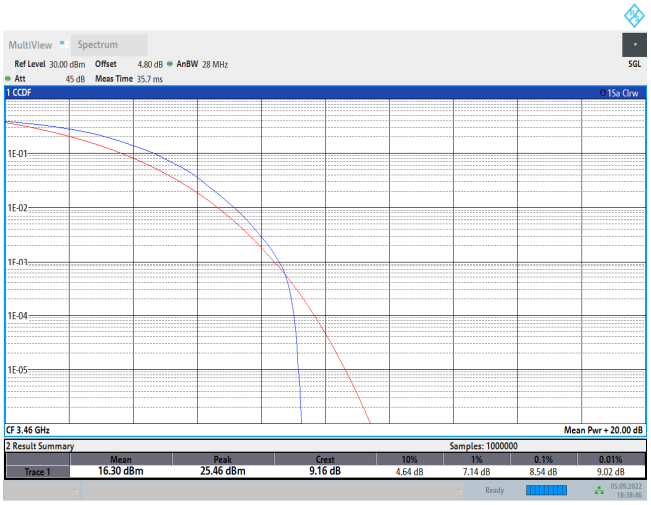

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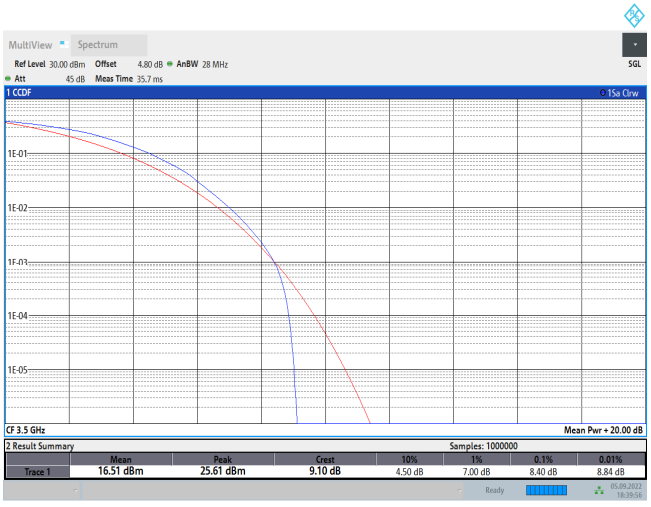

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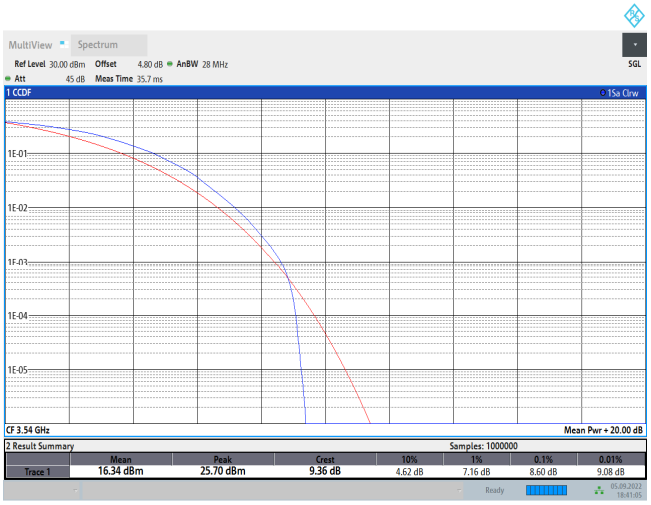

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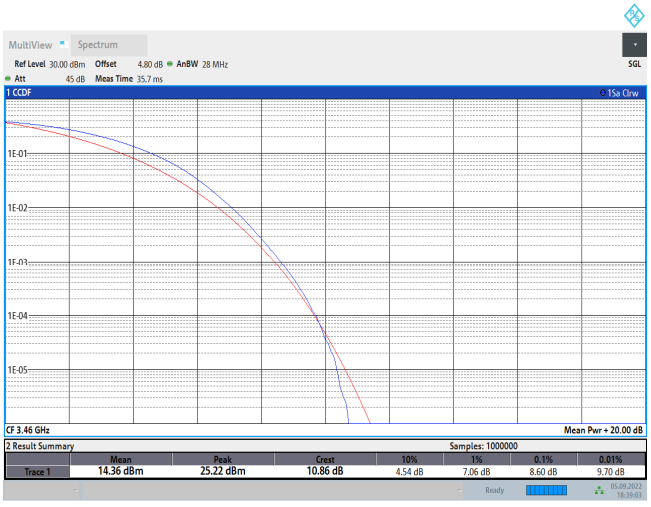

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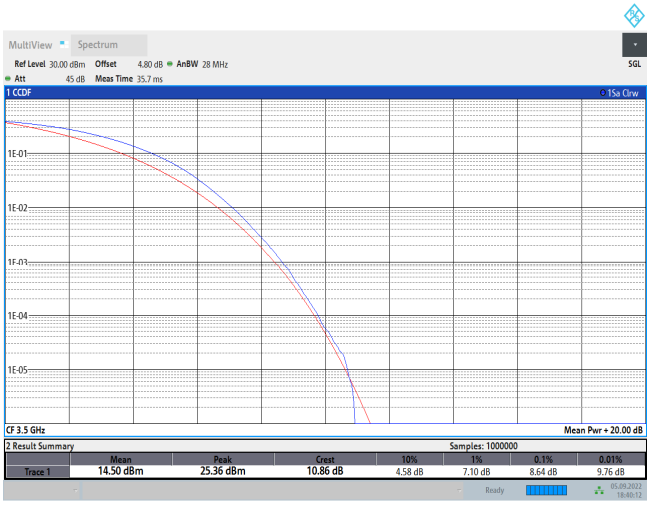

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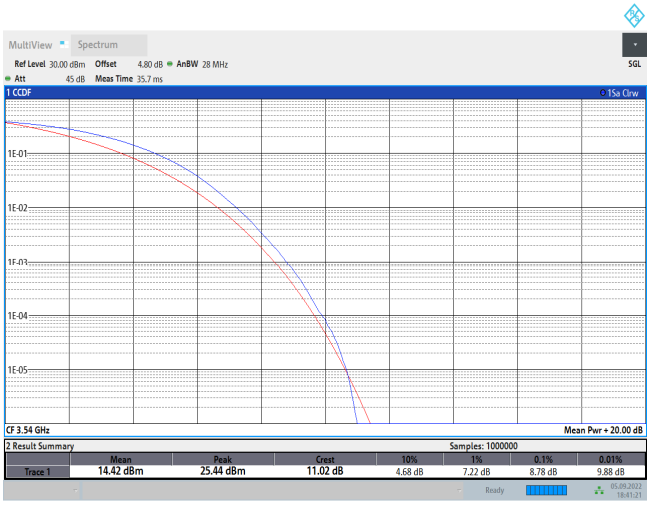

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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band42	20MHz	QPSK	42590	100RB#0	PASS	PASS
Band42	20MHz	16QAM	42590	100RB#0	PASS	PASS
Band42	20MHz	64QAM	42590	100RB#0	PASS	PASS
Band42	20MHz	256QAM	42590	100RB#0	PASS	PASS

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Test Graphs

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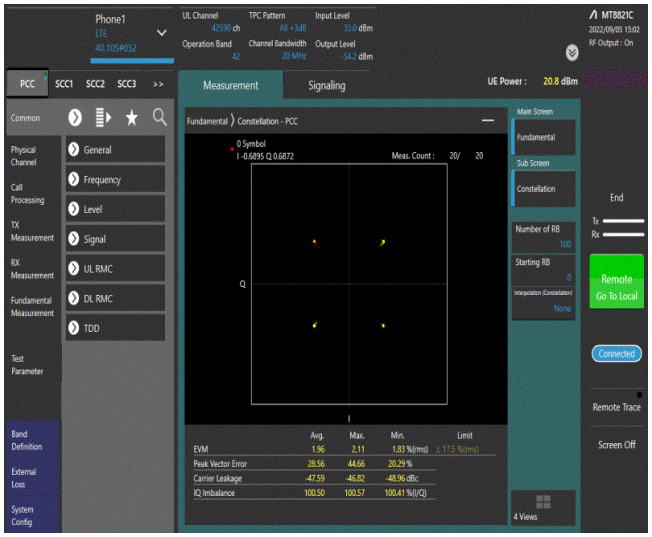
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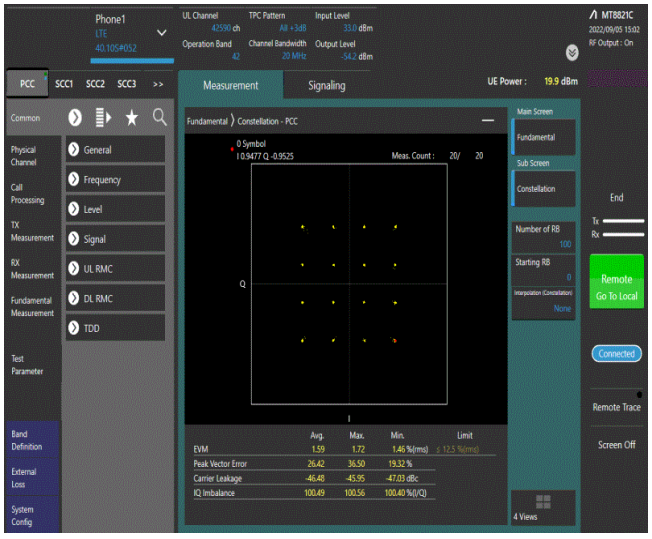

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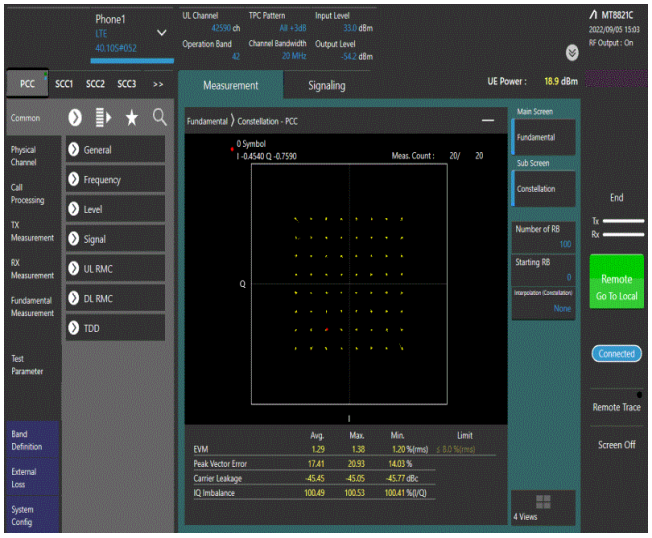
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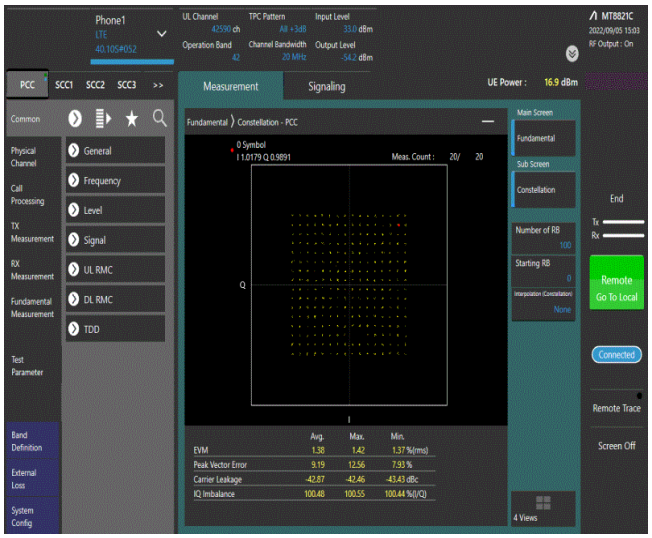

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band42	5MHz	QPSK	42115	25RB#0	4.52	5.47	PASS
Band42	5MHz	QPSK	42590	25RB#0	4.514	5.31	PASS
Band42	5MHz	QPSK	43065	25RB#0	4.514	5.35	PASS
Band42	5MHz	16QAM	42115	25RB#0	4.521	5.43	PASS
Band42	5MHz	16QAM	42590	25RB#0	4.516	5.52	PASS
Band42	5MHz	16QAM	43065	25RB#0	4.515	5.36	PASS
Band42	5MHz	64QAM	42115	25RB#0	4.513	5.43	PASS
Band42	5MHz	64QAM	42590	25RB#0	4.525	5.41	PASS
Band42	5MHz	64QAM	43065	25RB#0	4.512	5.49	PASS
Band42	5MHz	256QAM	42115	25RB#0	4.514	5.28	PASS
Band42	5MHz	256QAM	42590	25RB#0	4.518	5.24	PASS
Band42	5MHz	256QAM	43065	25RB#0	4.508	5.34	PASS
Band42	10MHz	QPSK	42140	50RB#0	9.008	10.70	PASS
Band42	10MHz	QPSK	42590	50RB#0	9.006	10.27	PASS
Band42	10MHz	QPSK	43040	50RB#0	8.996	10.93	PASS
Band42	10MHz	16QAM	42140	50RB#0	9.009	10.73	PASS
Band42	10MHz	16QAM	42590	50RB#0	8.995	10.53	PASS
Band42	10MHz	16QAM	43040	50RB#0	9.028	10.30	PASS
Band42	10MHz	64QAM	42140	50RB#0	9.028	10.63	PASS
Band42	10MHz	64QAM	42590	50RB#0	9.014	10.37	PASS
Band42	10MHz	64QAM	43040	50RB#0	9.017	10.73	PASS
Band42	10MHz	256QAM	42140	50RB#0	8.996	10.87	PASS
Band42	10MHz	256QAM	42590	50RB#0	9.012	10.60	PASS
Band42	10MHz	256QAM	43040	50RB#0	9.001	10.53	PASS
Band42	15MHz	QPSK	42165	75RB#0	13.516	15.75	PASS
Band42	15MHz	QPSK	42590	75RB#0	13.502	15.40	PASS
Band42	15MHz	QPSK	43015	75RB#0	13.502	15.75	PASS
Band42	15MHz	16QAM	42165	75RB#0	13.516	16.30	PASS

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Band42	15MHz	16QAM	42590	75RB#0	13.499	15.55	PASS
Band42	15MHz	16QAM	43015	75RB#0	13.487	15.35	PASS
Band42	15MHz	64QAM	42165	75RB#0	13.507	15.90	PASS
Band42	15MHz	64QAM	42590	75RB#0	13.476	16.00	PASS
Band42	15MHz	64QAM	43015	75RB#0	13.497	17.05	PASS
Band42	15MHz	256QAM	42165	75RB#0	13.484	15.90	PASS
Band42	15MHz	256QAM	42590	75RB#0	13.507	15.80	PASS
Band42	15MHz	256QAM	43015	75RB#0	13.5	15.20	PASS
Band42	20MHz	QPSK	42190	100RB#0	18.075	21.20	PASS
Band42	20MHz	QPSK	42590	100RB#0	18.065	21.47	PASS
Band42	20MHz	QPSK	42990	100RB#0	18.038	22.27	PASS
Band42	20MHz	16QAM	42190	100RB#0	18.036	21.73	PASS
Band42	20MHz	16QAM	42590	100RB#0	18.068	21.33	PASS
Band42	20MHz	16QAM	42990	100RB#0	18.072	22.73	PASS
Band42	20MHz	64QAM	42190	100RB#0	18.029	22.13	PASS
Band42	20MHz	64QAM	42590	100RB#0	18.043	22.27	PASS
Band42	20MHz	64QAM	42990	100RB#0	18.028	22.53	PASS
Band42	20MHz	256QAM	42190	100RB#0	18.038	22.13	PASS
Band42	20MHz	256QAM	42590	100RB#0	18.031	22.33	PASS
Band42	20MHz	256QAM	42990	100RB#0	18.044	20.87	PASS

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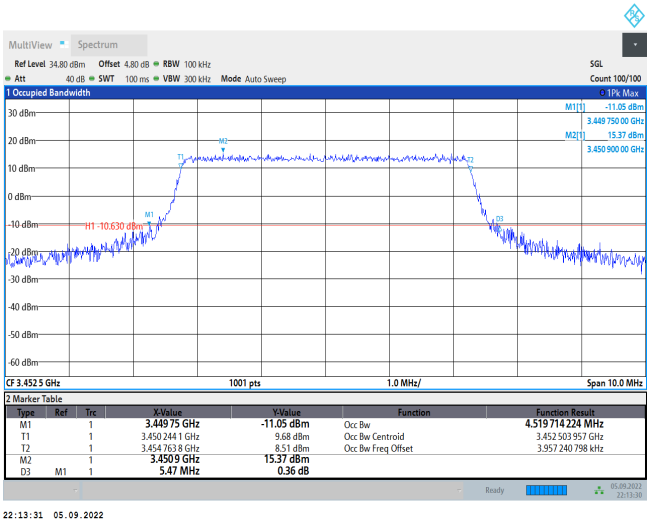
Test Graphs

Band42-5MHz-QPSK-42115-25RB#0


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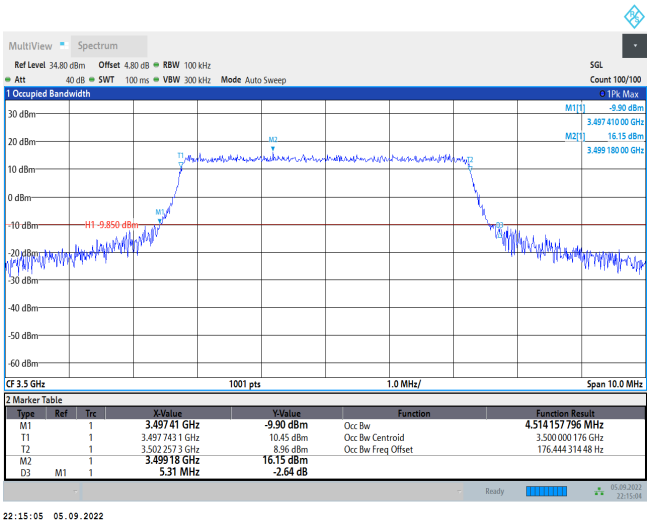

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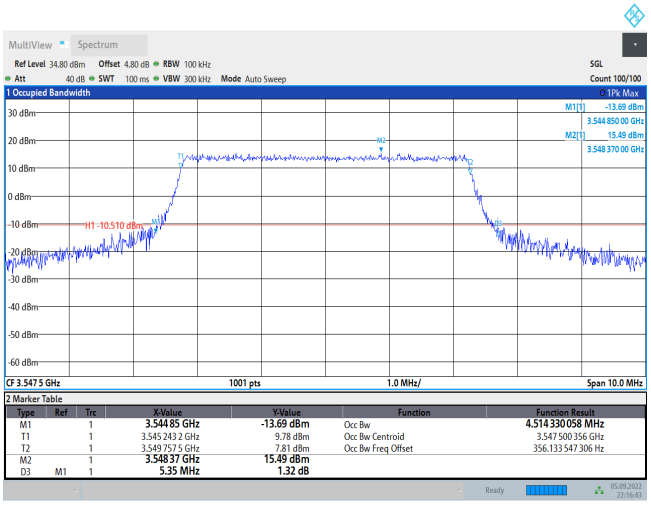

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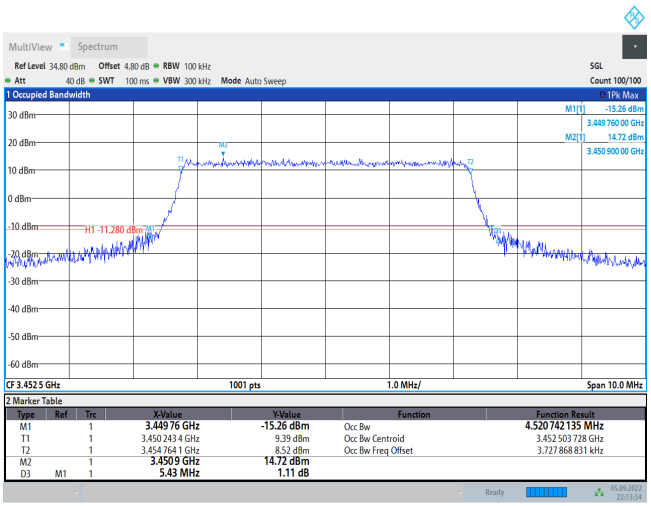

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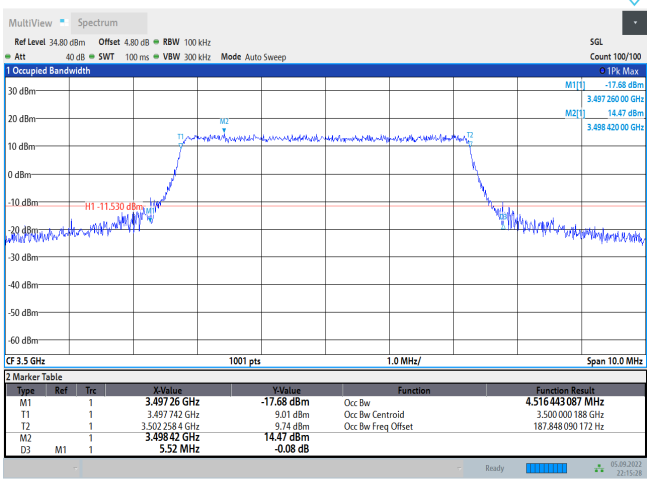

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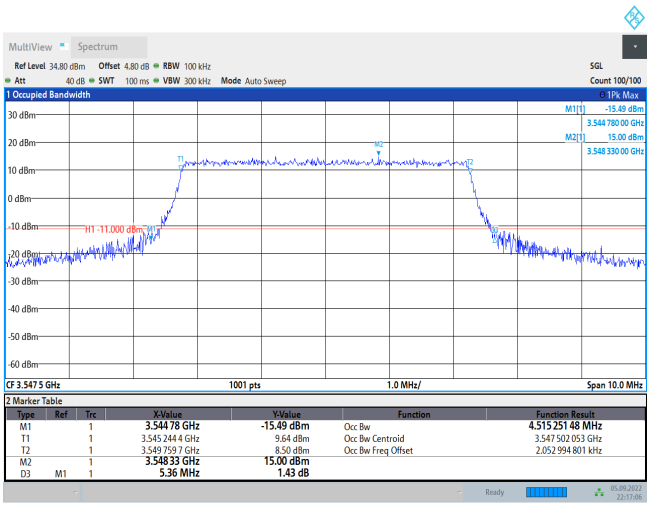

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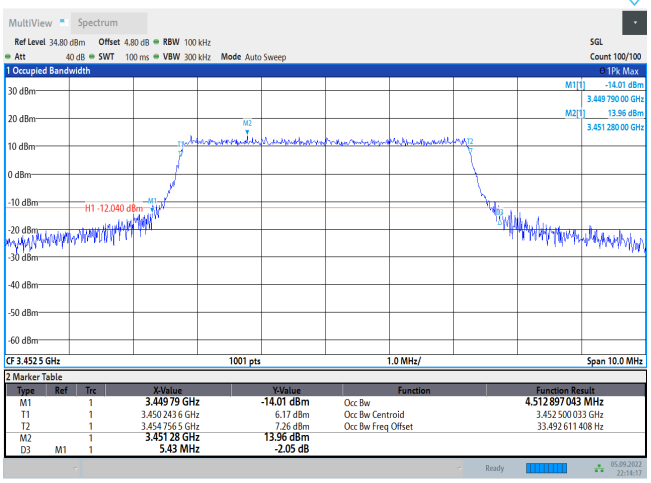

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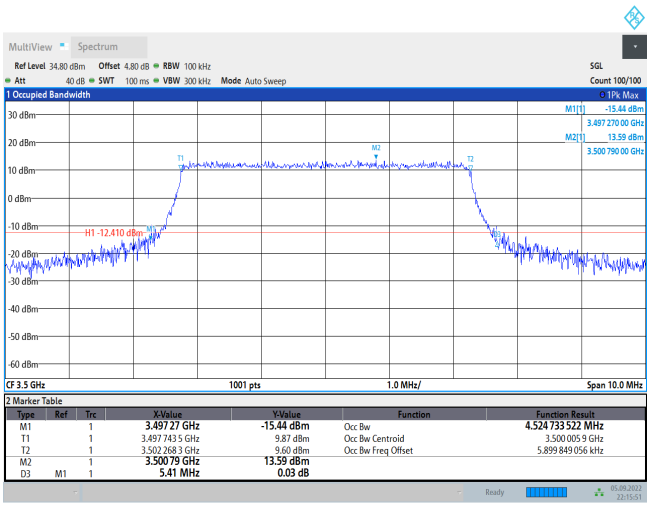

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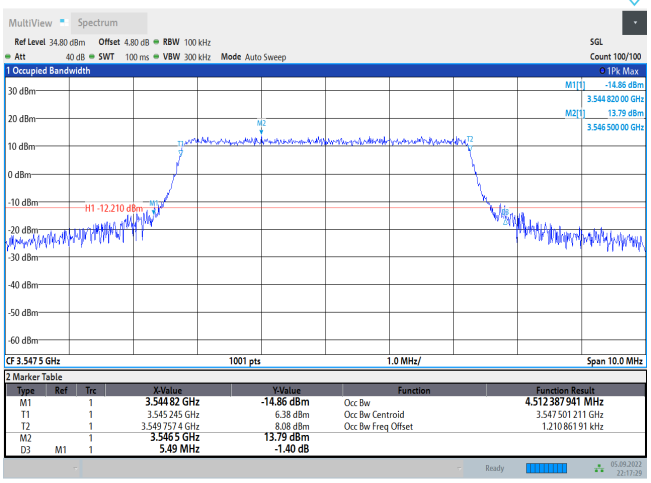

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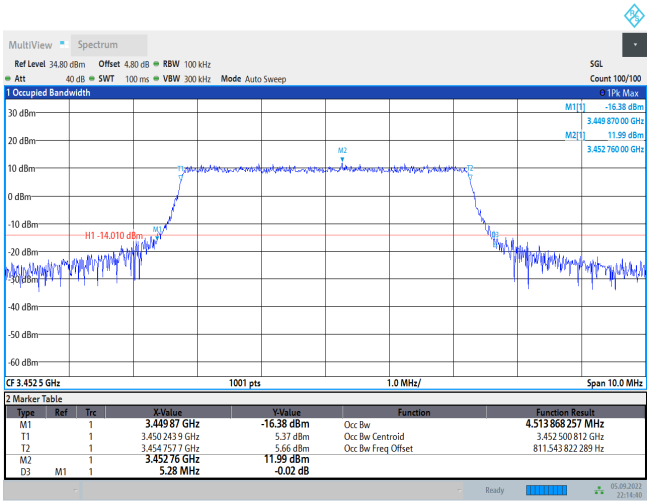

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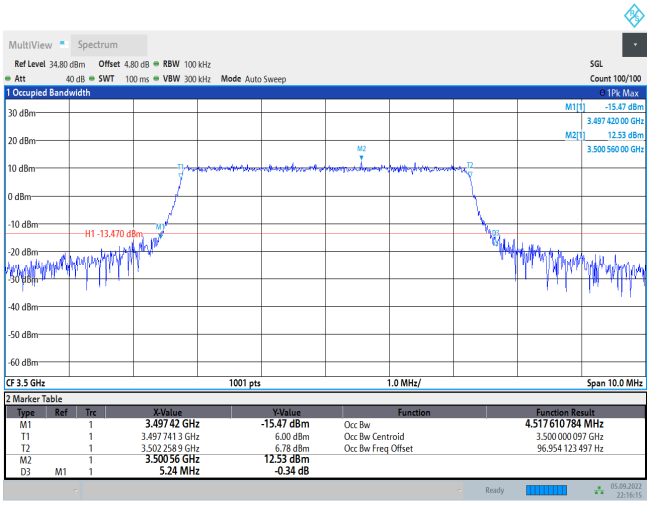

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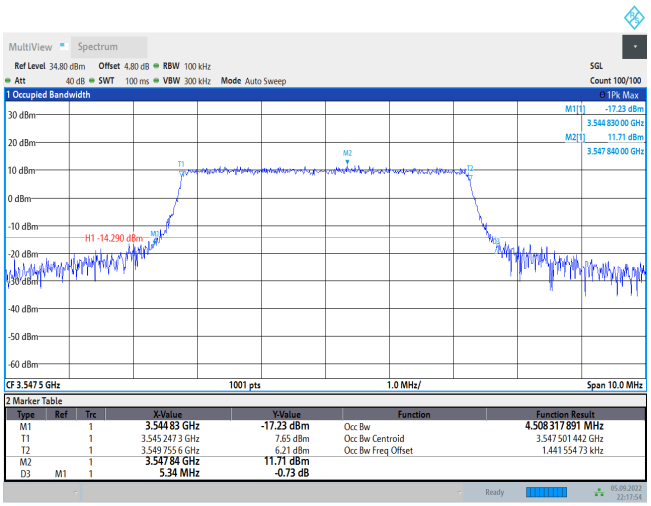

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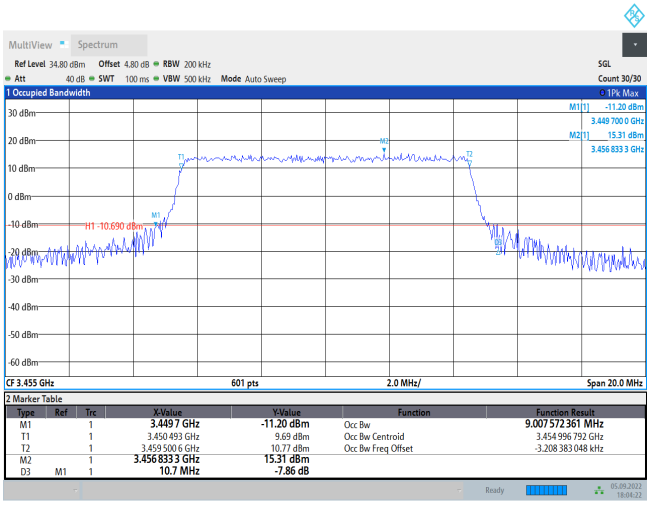

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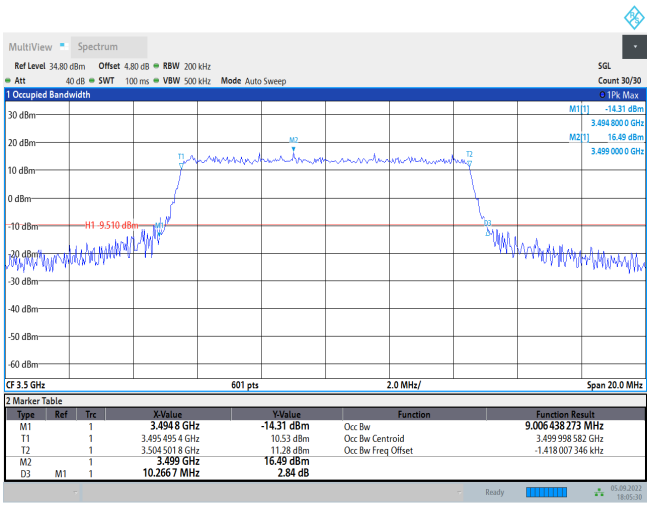

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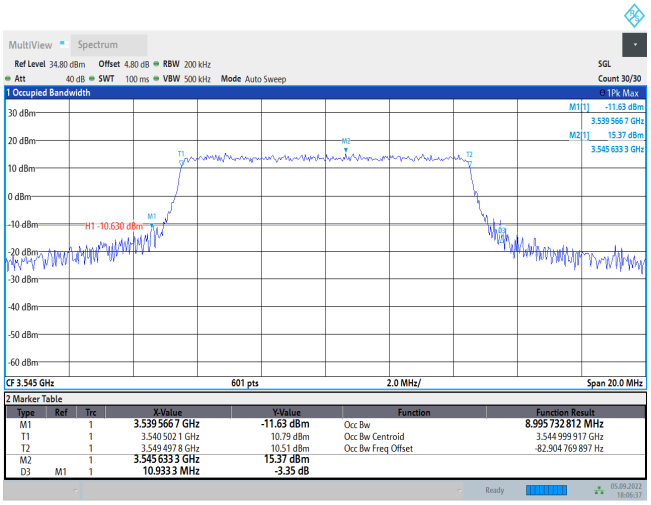

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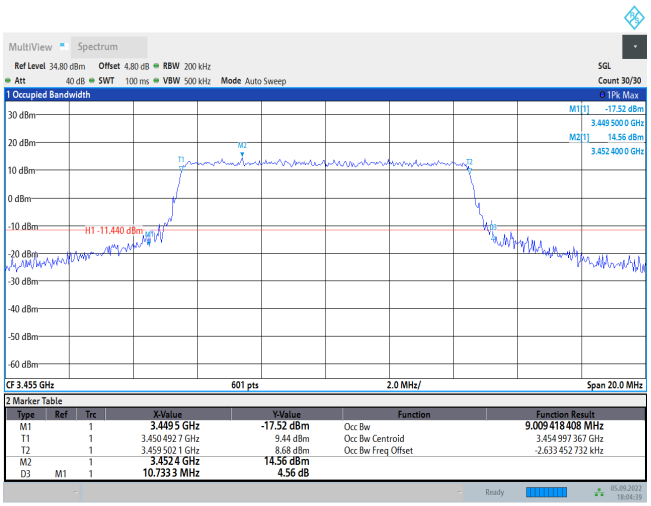

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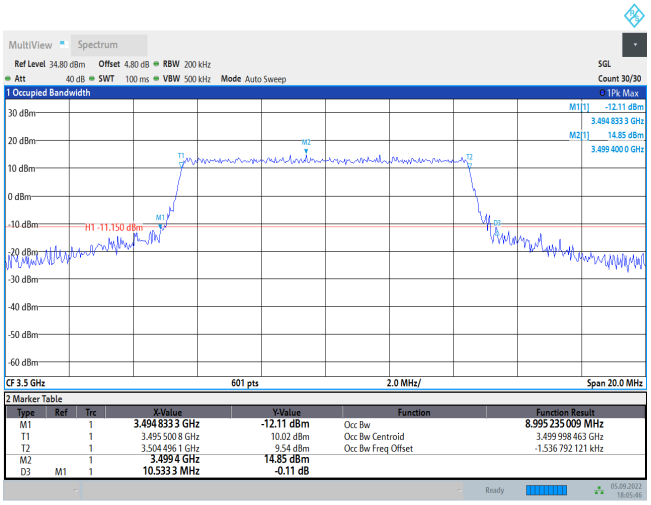

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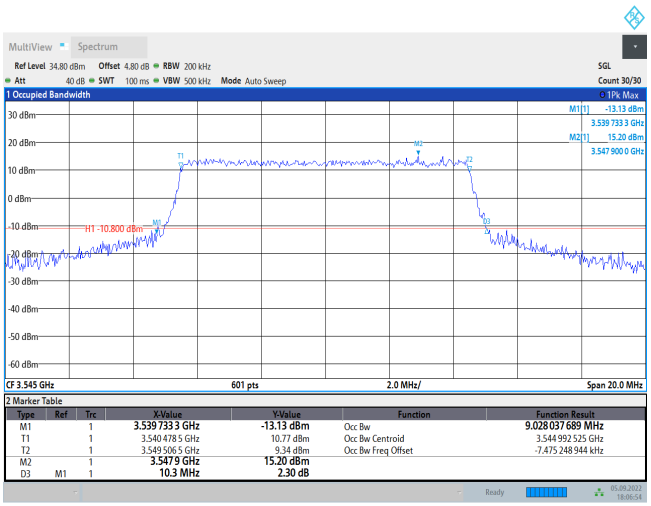

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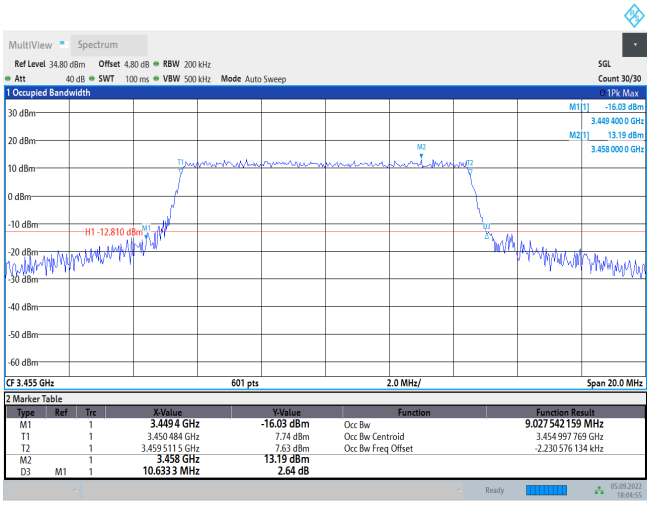

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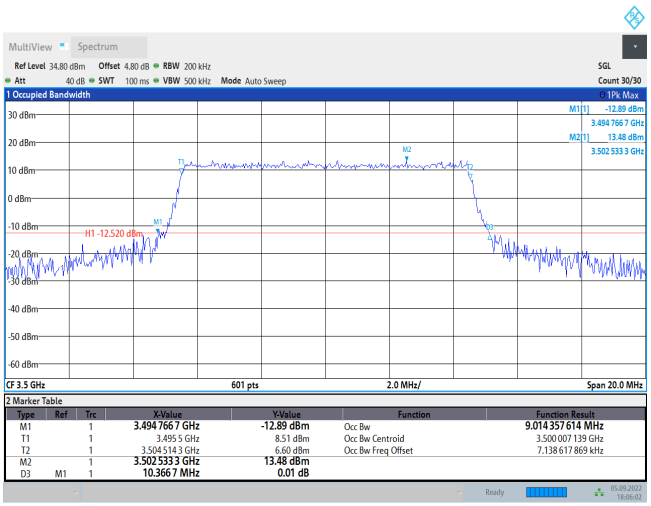

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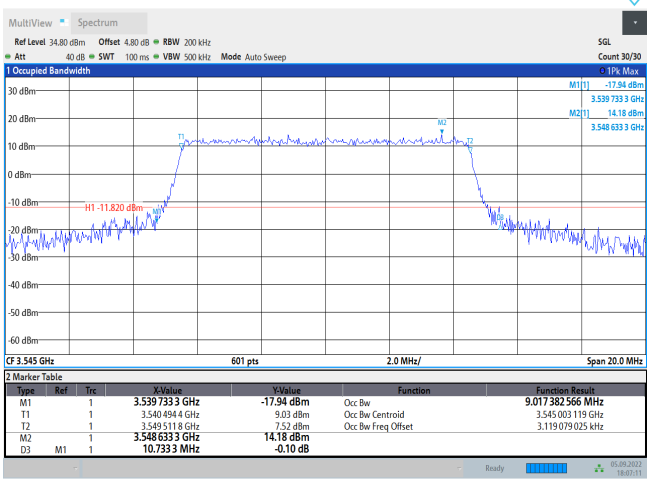
Band42-10MHz-64QAM-43040-50RB#0



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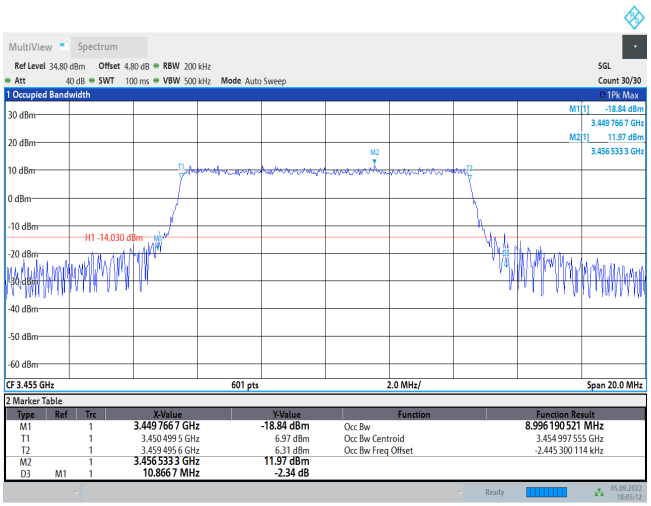

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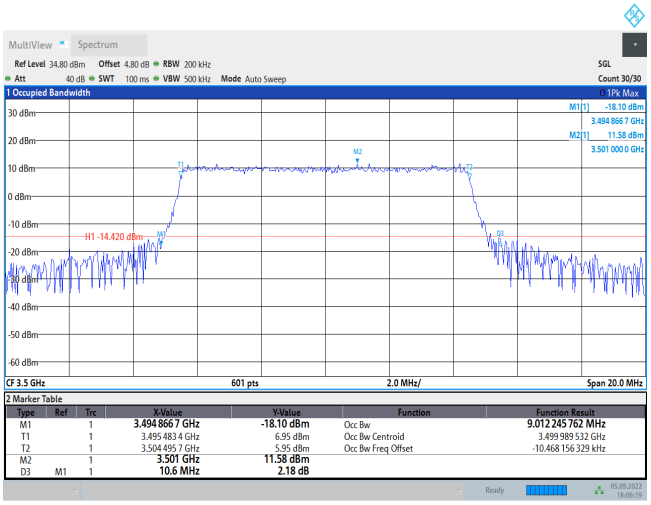

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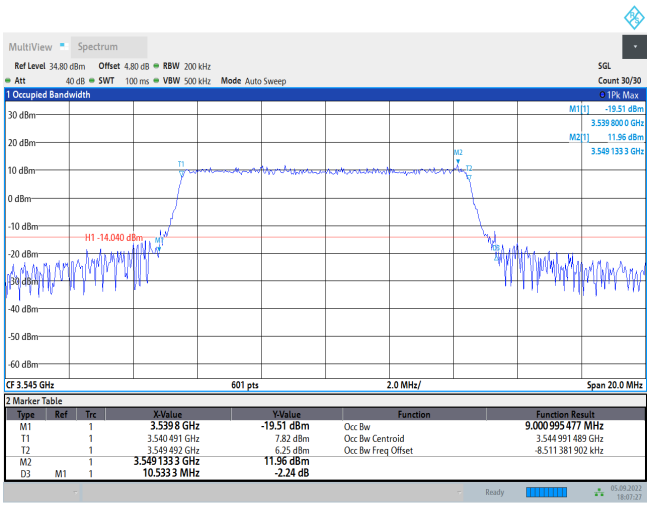

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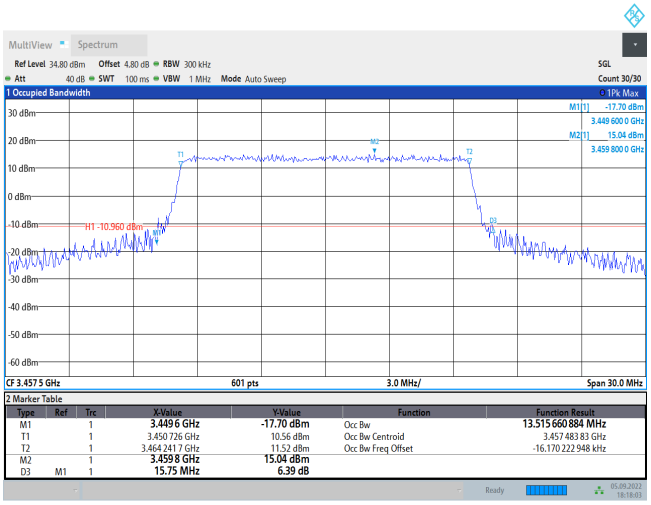
Band42-15MHz-QPSK-42165-75RB#0



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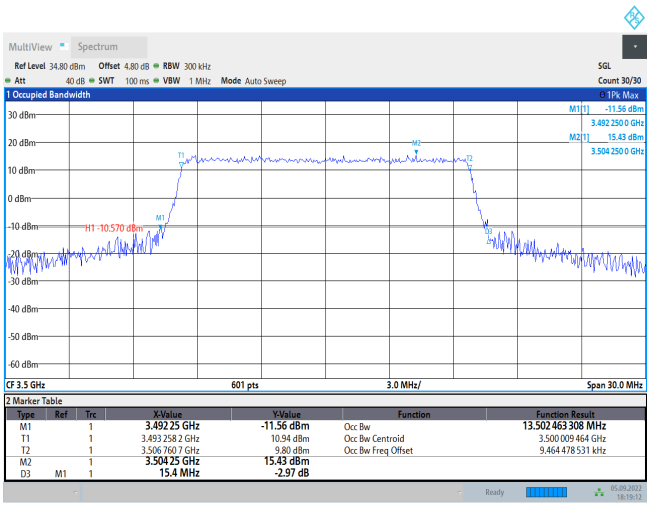
Band42-15MHz-QPSK-42590-75RB#0



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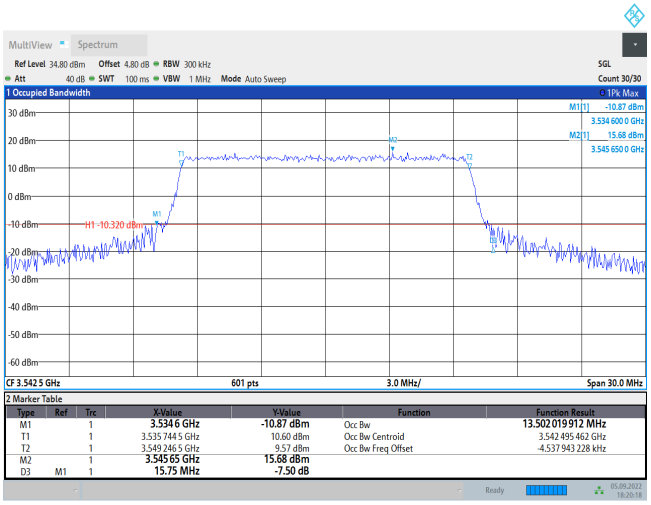
Band42-15MHz-QPSK-43015-75RB#0



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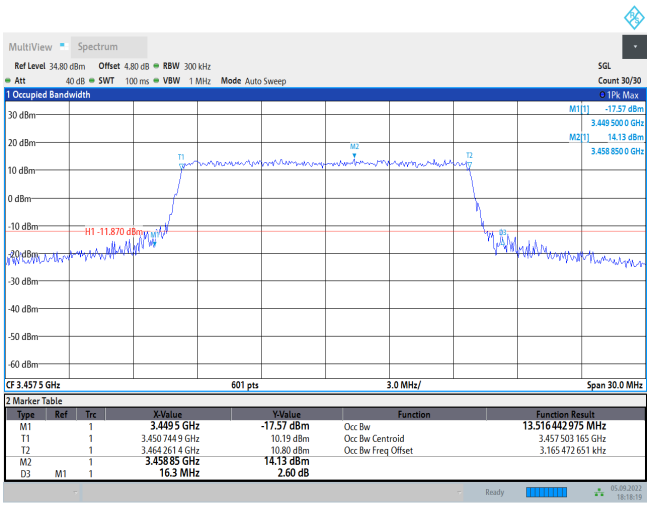

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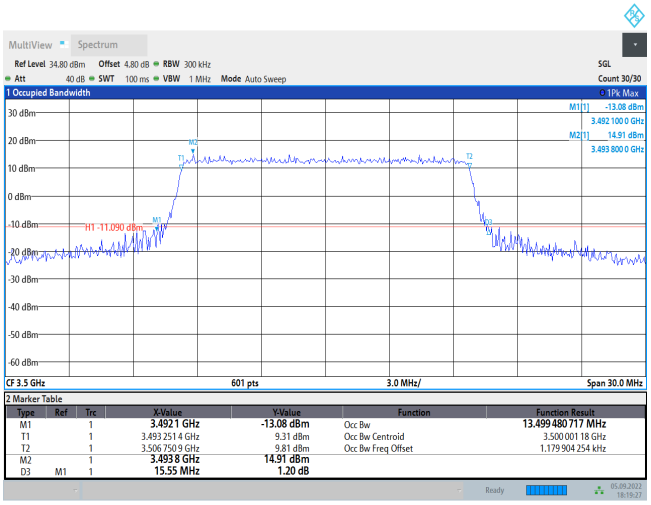
Band42-15MHz-16QAM-42590-75RB#0



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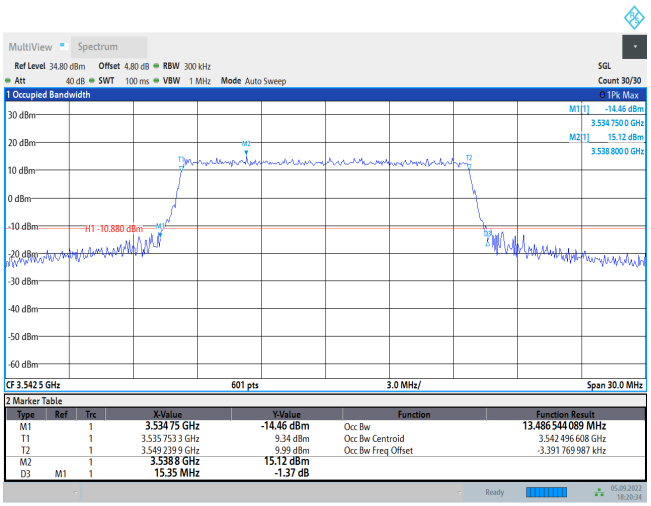

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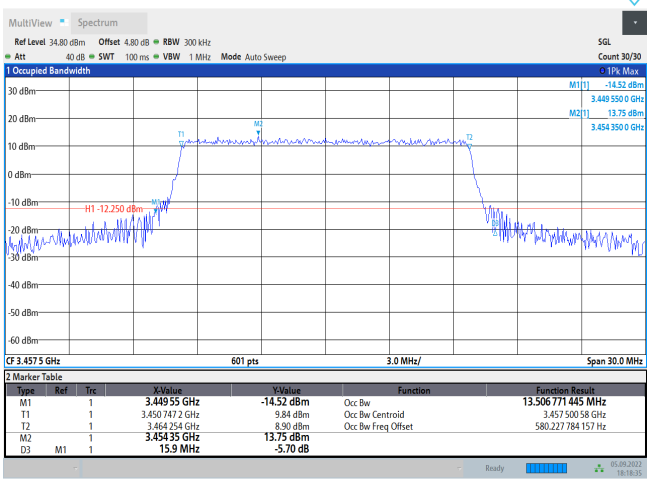
Band42-15MHz-64QAM-42165-75RB#0



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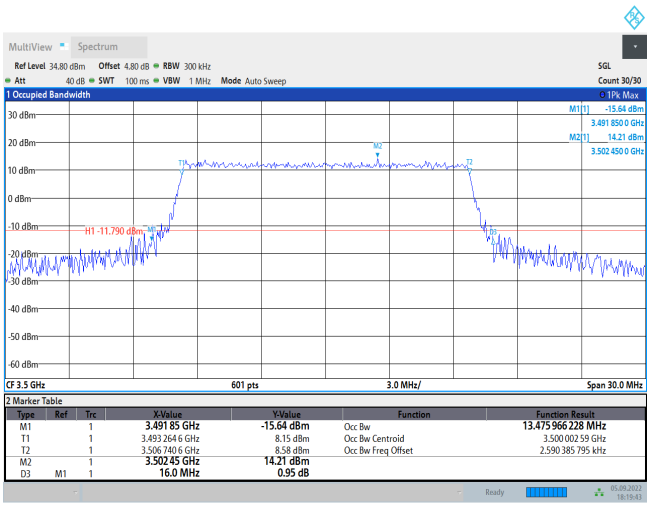

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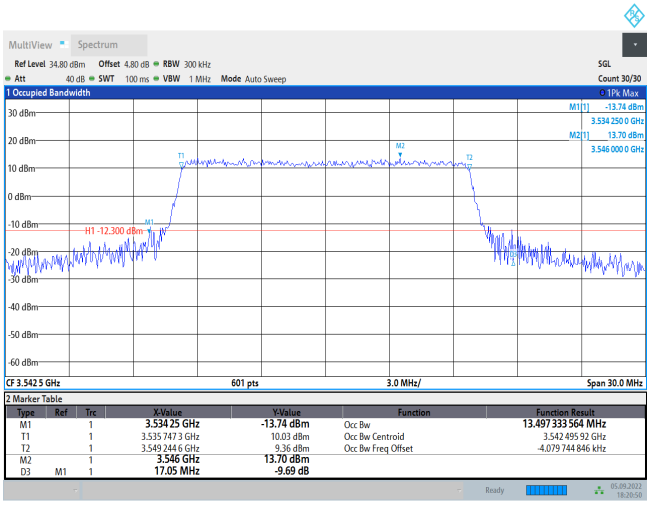
Band42-15MHz-64QAM-43015-75RB#0



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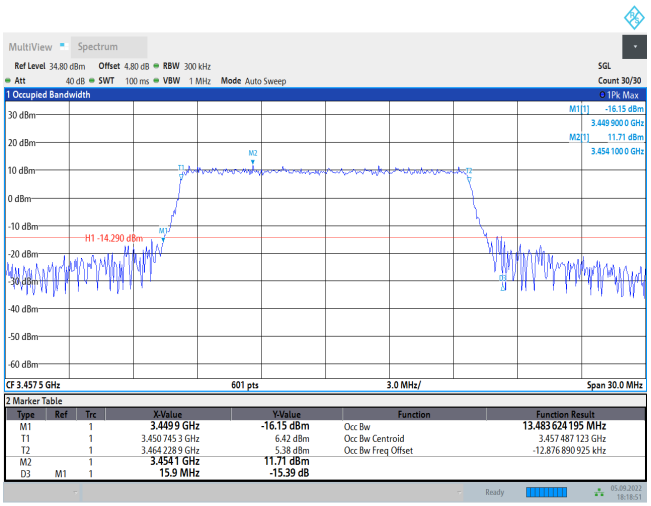

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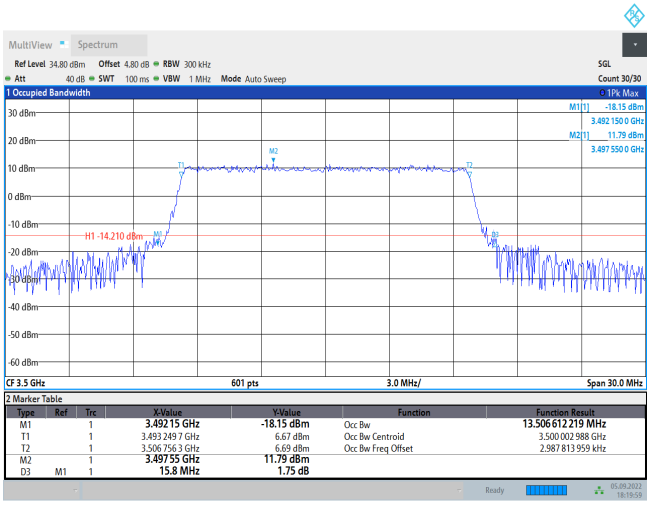
Band42-15MHz-256QAM-42590-75RB#0



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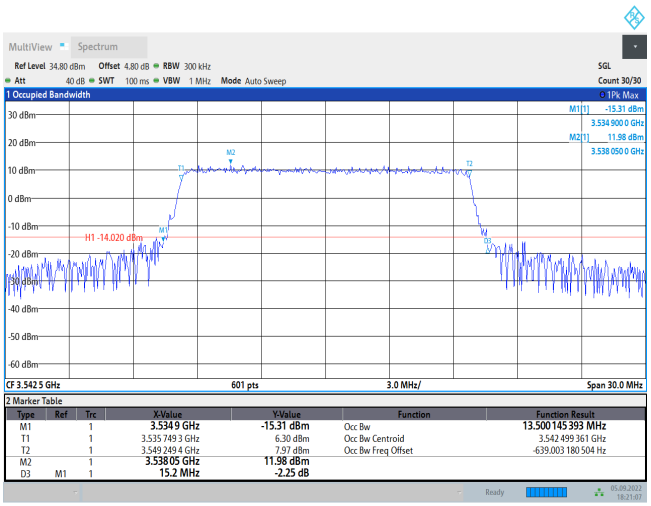

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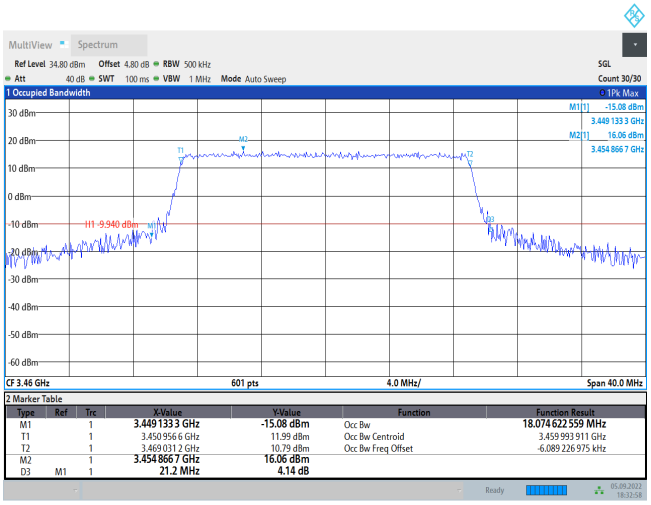
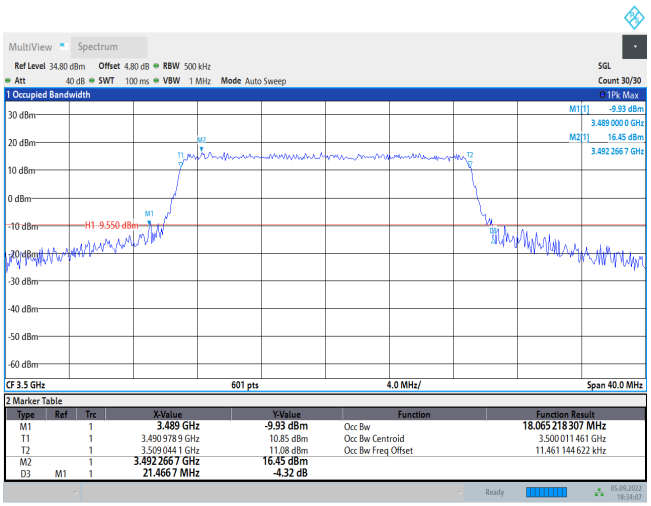
Band42-20MHz-QPSK-42190-100RB#0



Band42-20MHz-QPSK-42590-100RB#0



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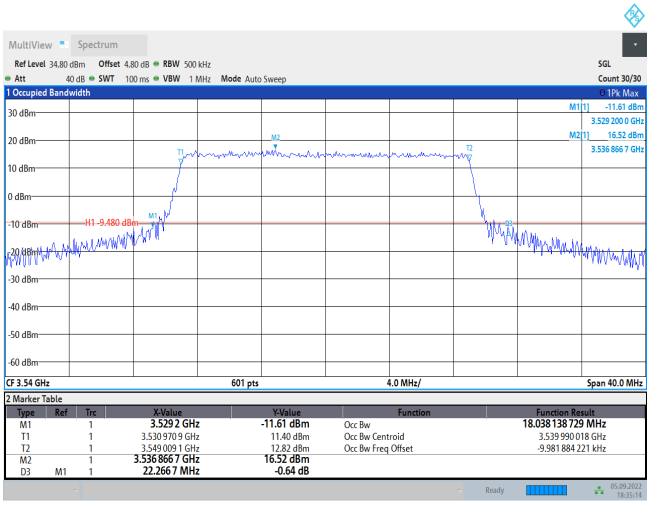
Band42-20MHz-QPSK-42990-100RB#0



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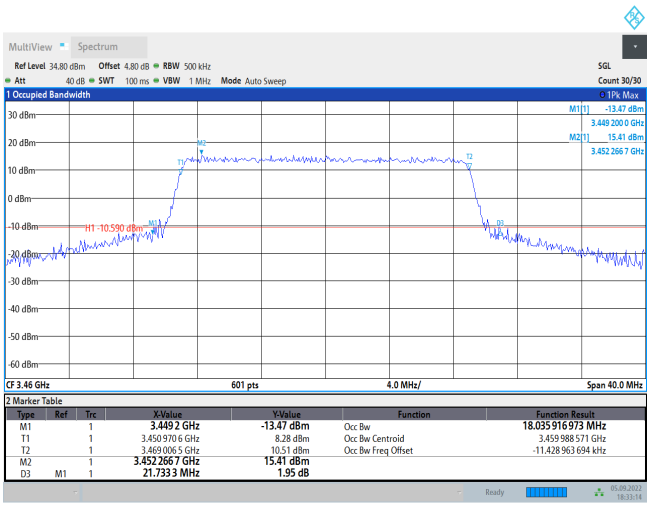
Band42-20MHz-16QAM-42190-100RB#0



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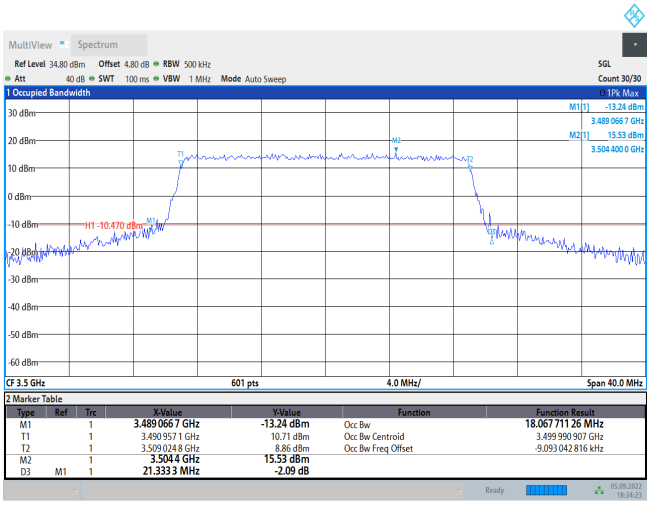
Band42-20MHz-16QAM-42590-100RB#0



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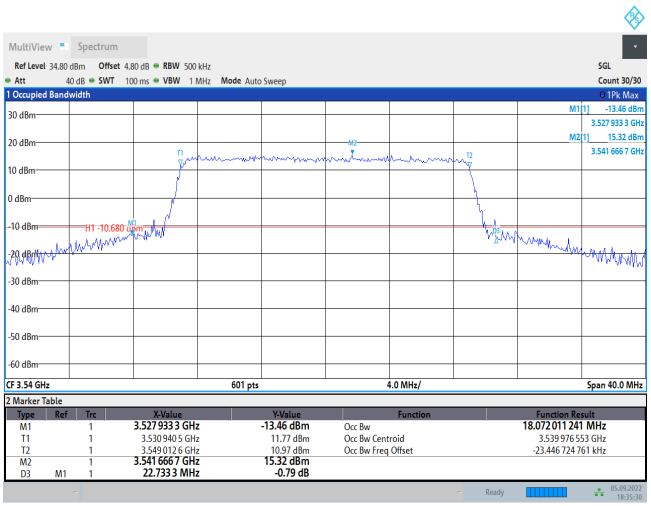

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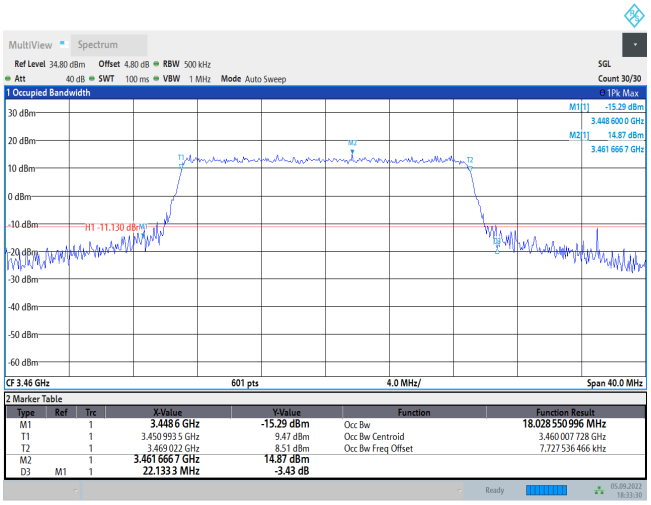
Band42-20MHz-64QAM-42190-100RB#0



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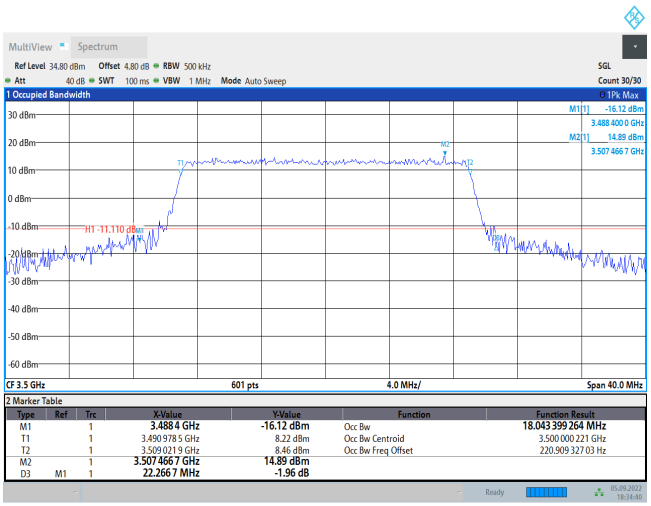

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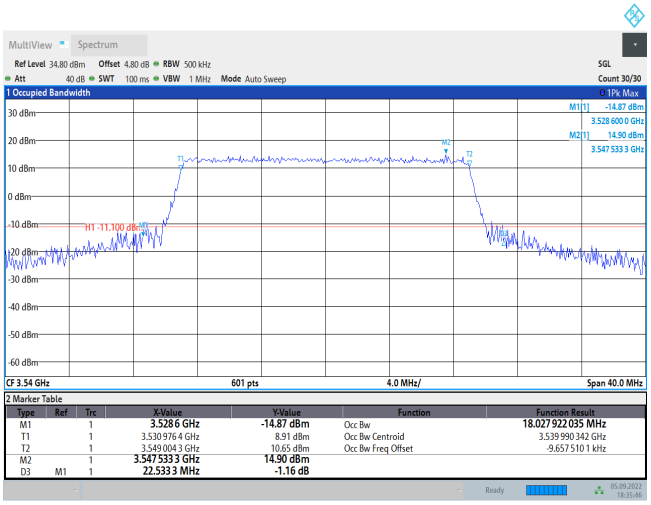

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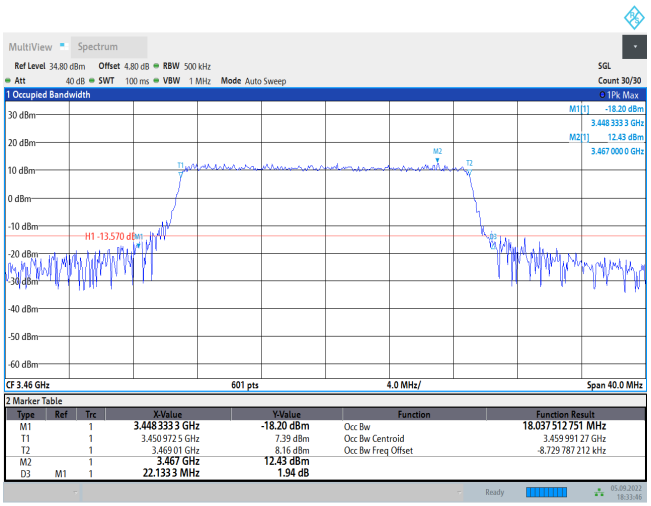
Band42-20MHz-256QAM-42190-100RB#0



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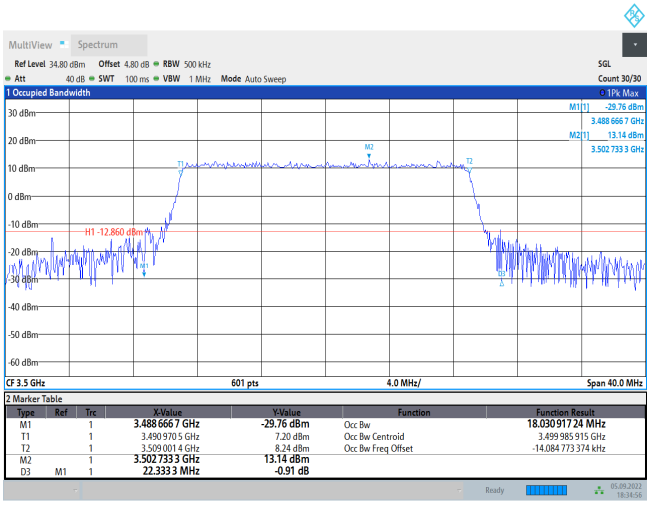

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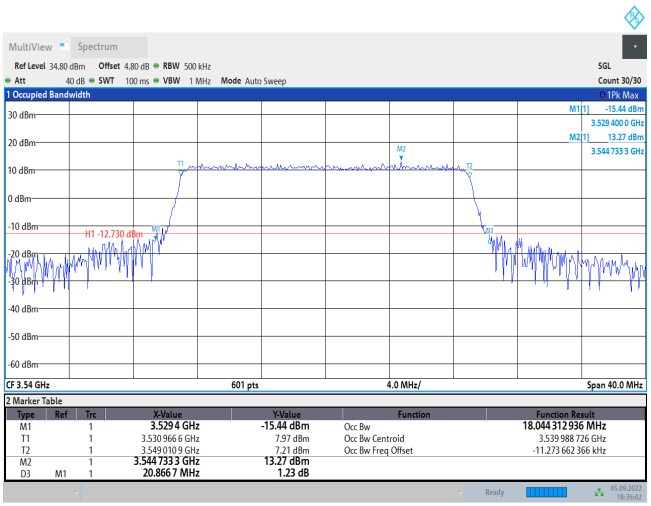

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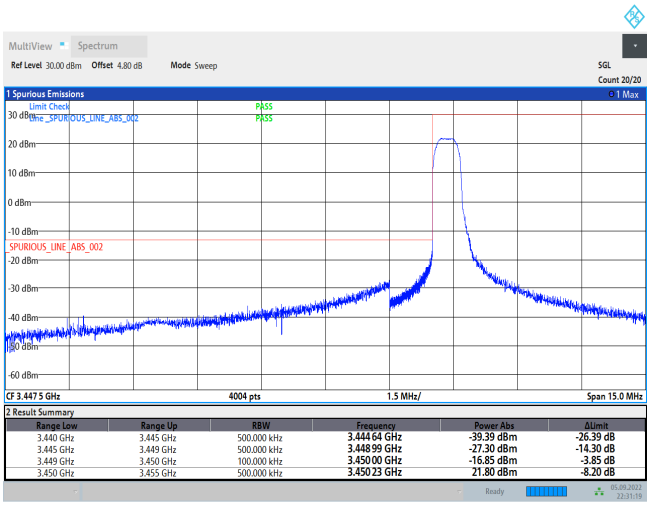
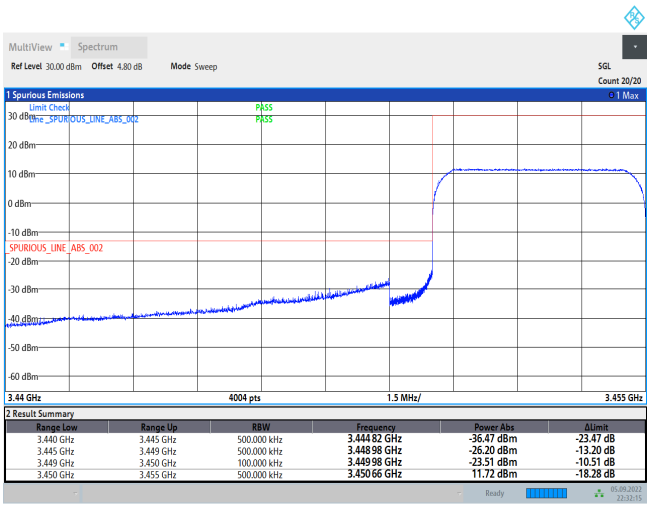
Band Edge

Test Graphs

Band42-5MHz-QPSK-42115-1RB#0



Band42-5MHz-QPSK-42115-25RB#0



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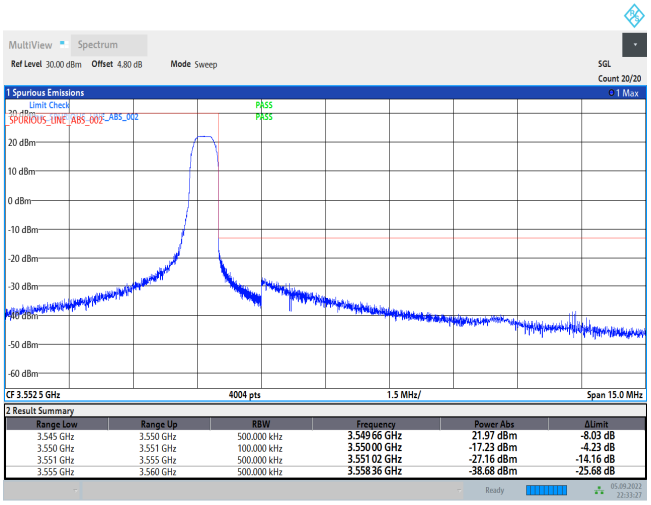
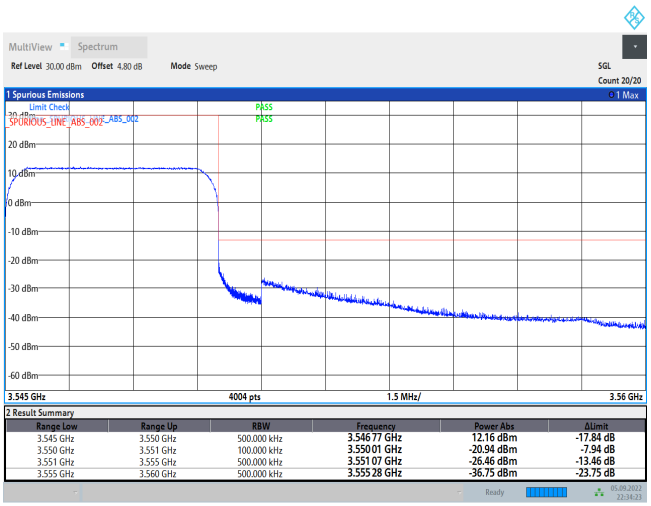


Band42-5MHz-QPSK-43065-25RB#0



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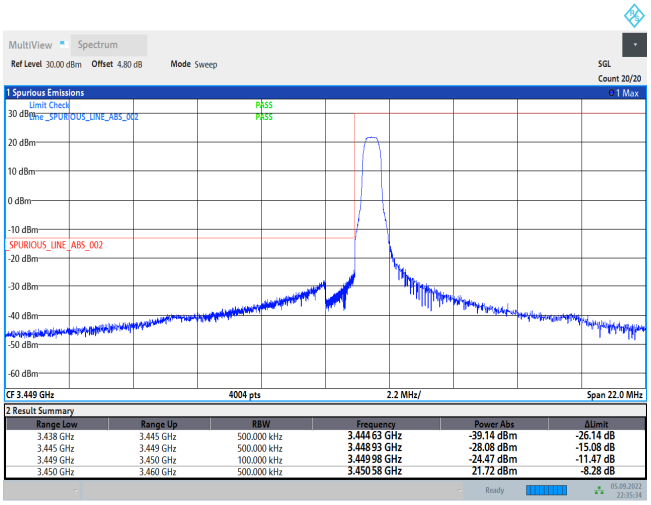
Band42-10MHz-QPSK-42140-1RB#0



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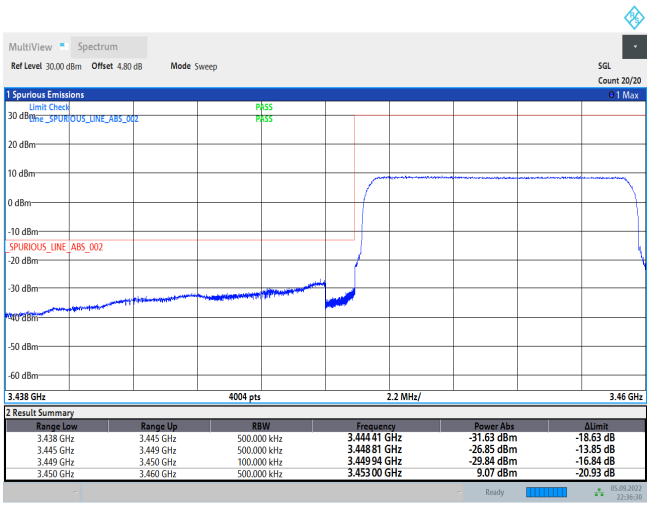
Band42-10MHz-QPSK-42140-50RB#0



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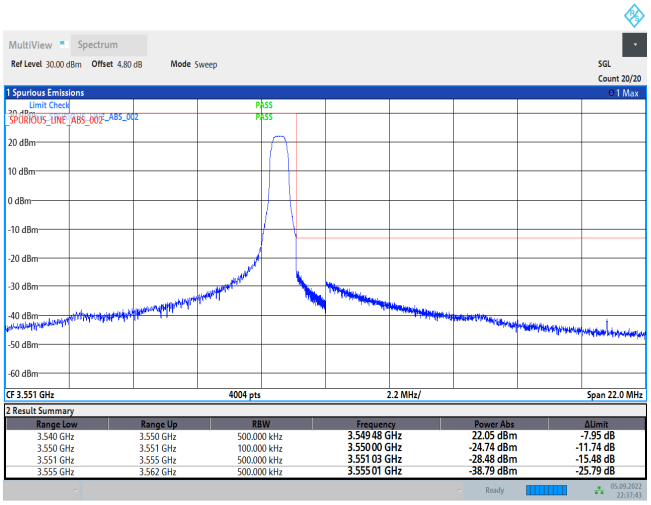
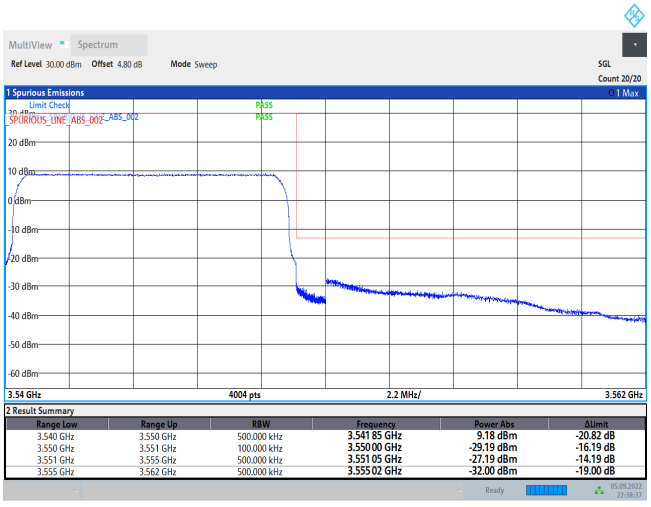
Band42-10MHz-QPSK-43040-1RB#49



22:37:43 05.09.2022

Band42-10MHz-QPSK-43040-50RB#0



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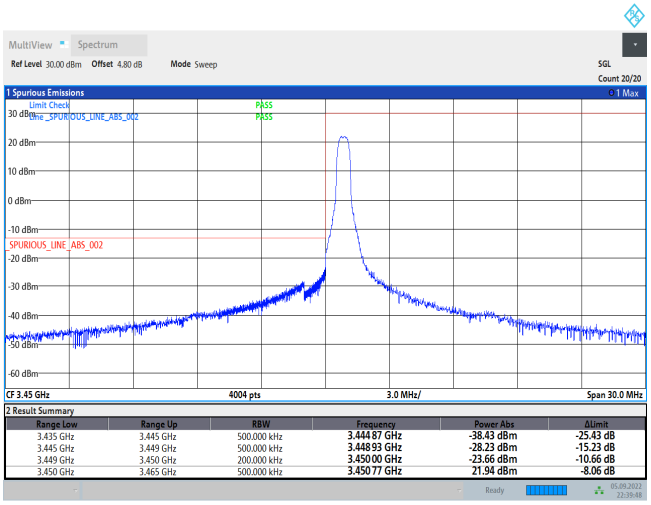
Band42-15MHz-QPSK-42165-1RB#0



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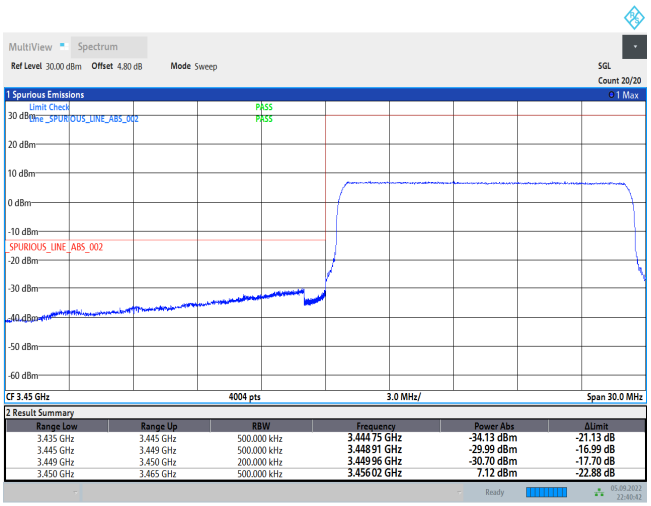
Band42-15MHz-QPSK-42165-75RB#0



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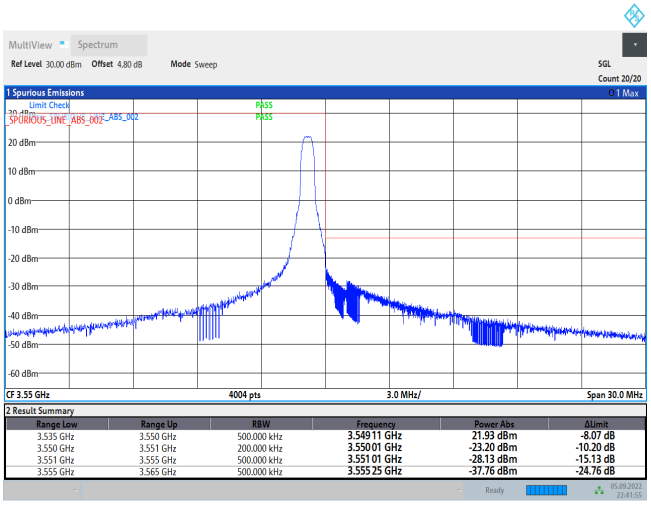
Band42-15MHz-QPSK-43015-1RB#74



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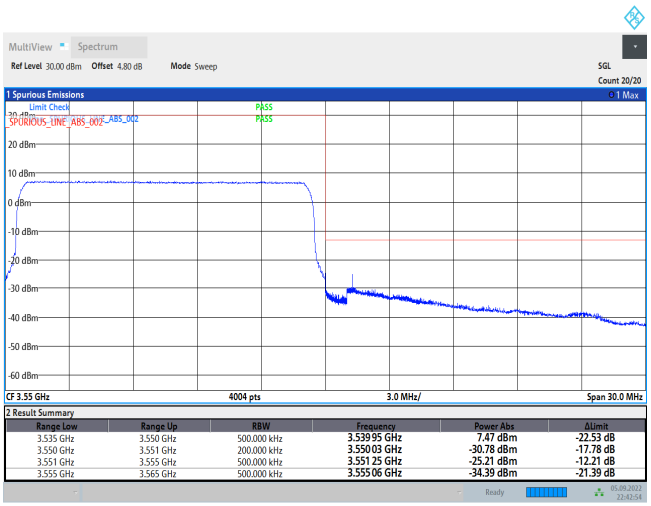
Band42-15MHz-QPSK-43015-75RB#0



22:42:55 05.09.2022

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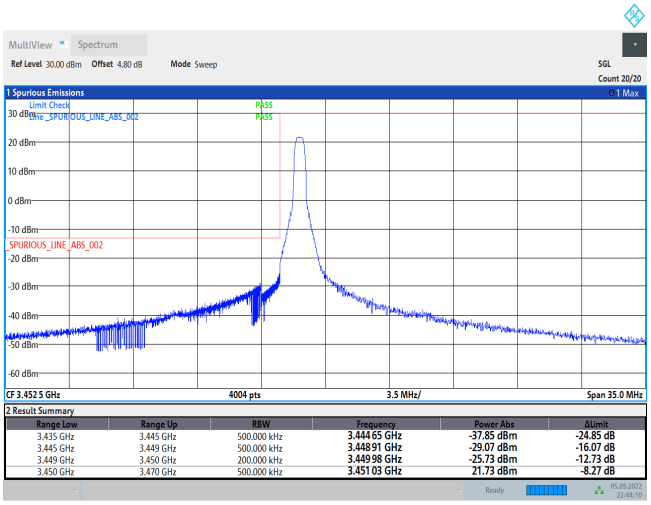
Band42-20MHz-QPSK-42190-1RB#0



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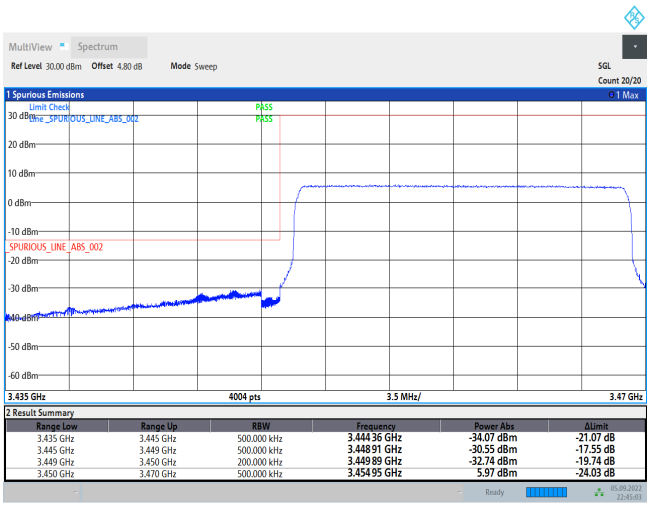
Band42-20MHz-QPSK-42190-100RB#0



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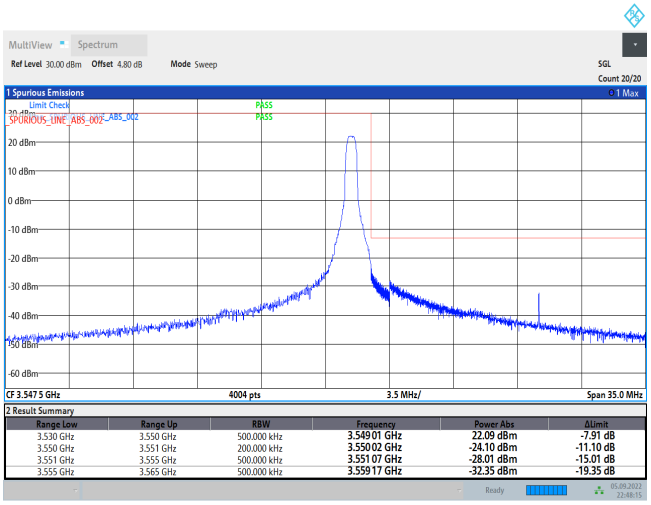
Band42-20MHz-QPSK-42990-1RB#99


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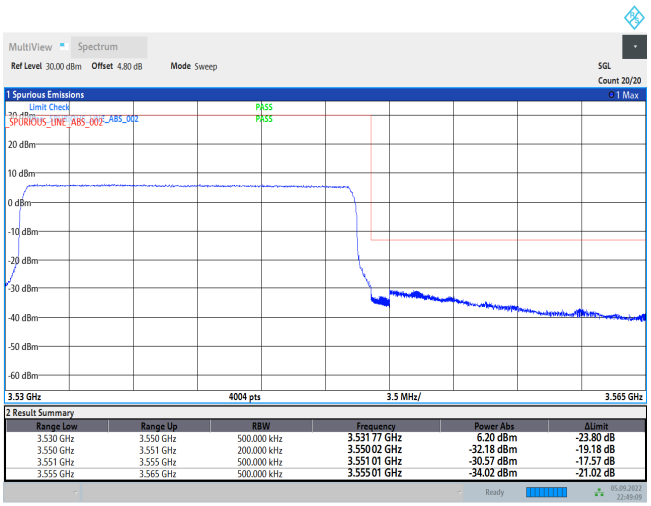

22:49:10 05.09.2022

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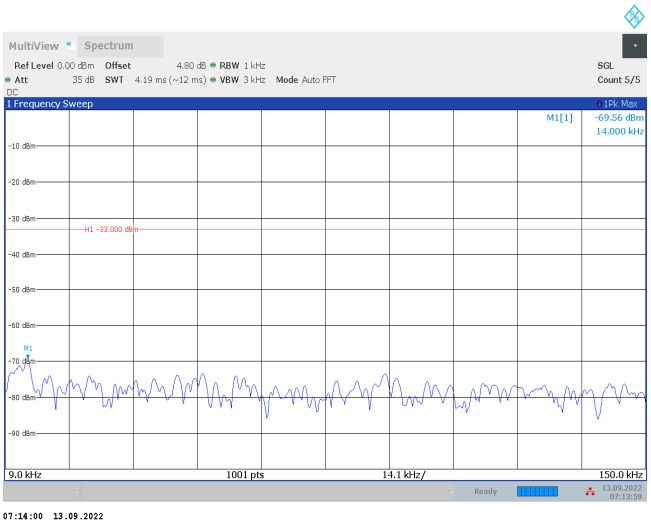
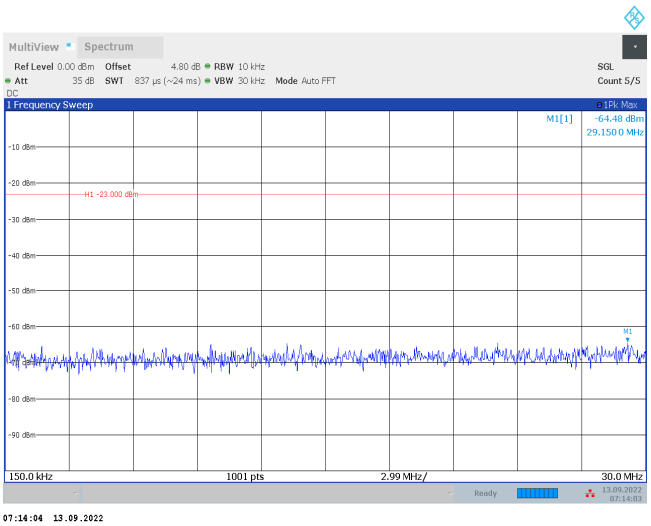
Conducted Spurious Emission

Test Graphs

Band42-20MHz-QPSK-42190-1RB#0-Range1:0.009~0.15MHz



Band42-20MHz-QPSK-42190-1RB#0-Range2:0.15~30MHz



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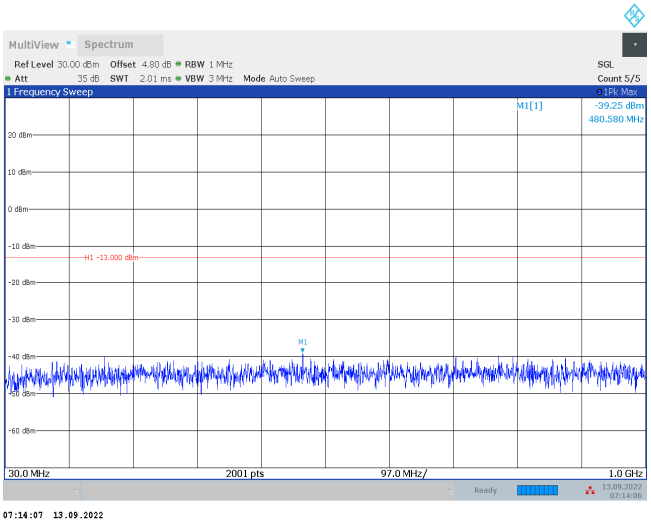
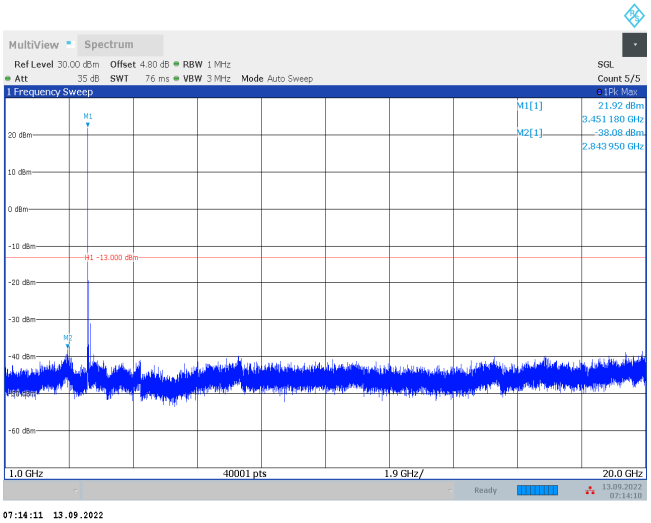
Band42-20MHz-QPSK-42190-1RB#0-Range3:30~1000MHz


Band42-20MHz-QPSK-42190-1RB#0-Range4:1000~20000MHz


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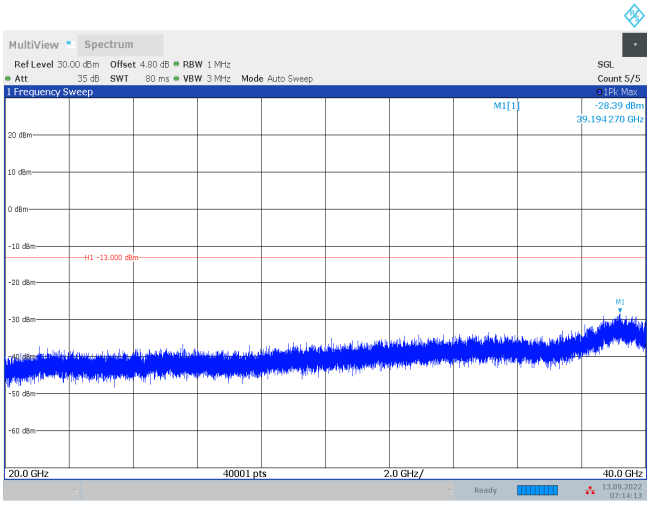
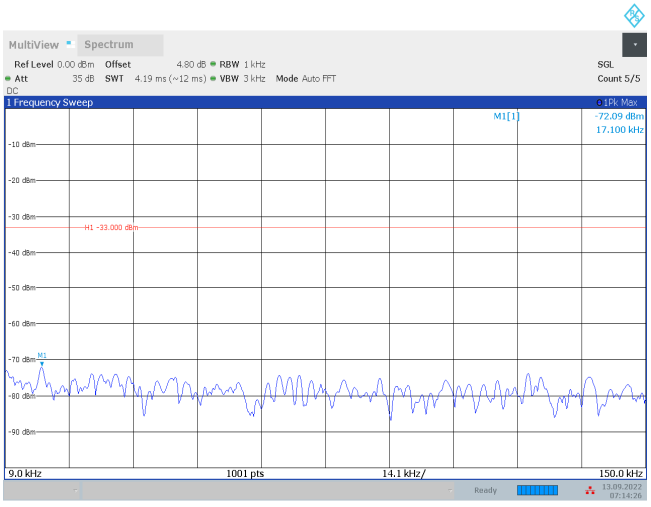
Band42-20MHz-QPSK-42190-1RB#0-Range5:20000~40000MHz


Band42-20MHz-QPSK-42590-1RB#0-Range1:0.009~0.15MHz


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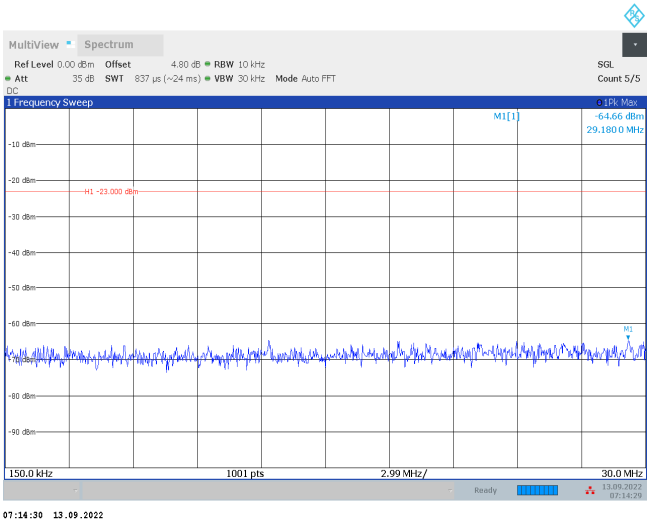
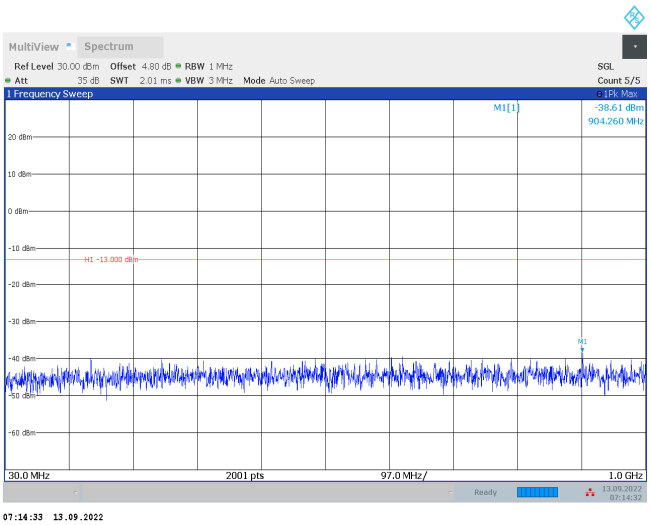
Band42-20MHz-QPSK-42590-1RB#0-Range2:0.15~30MHz


Band42-20MHz-QPSK-42590-1RB#0-Range3:30~1000MHz


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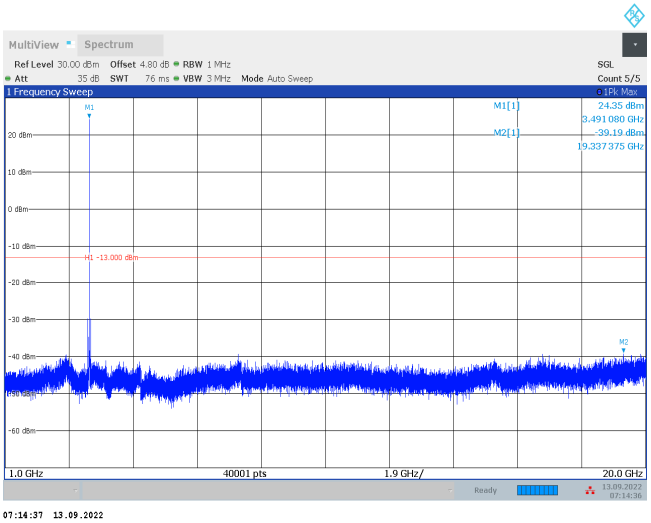
Band42-20MHz-QPSK-42590-1RB#0-Range4:1000~20000MHz


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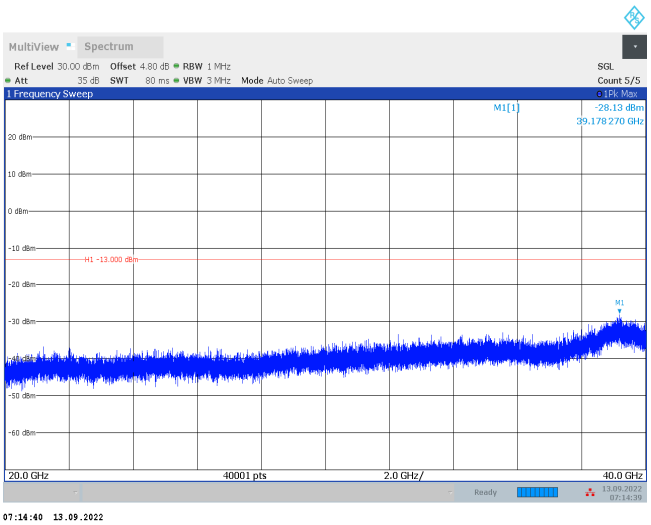

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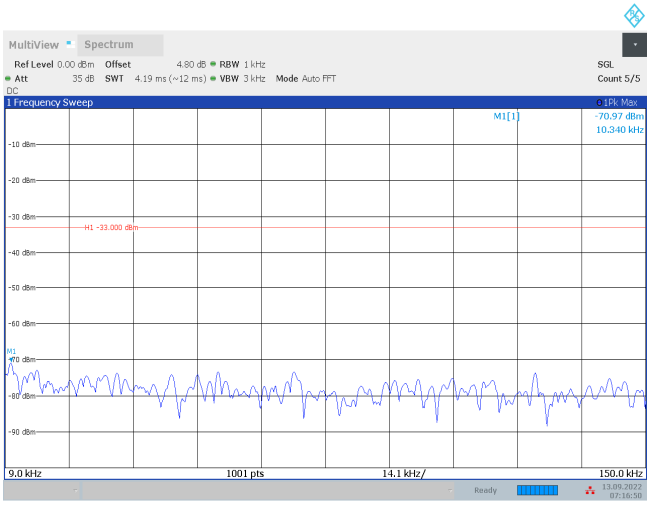

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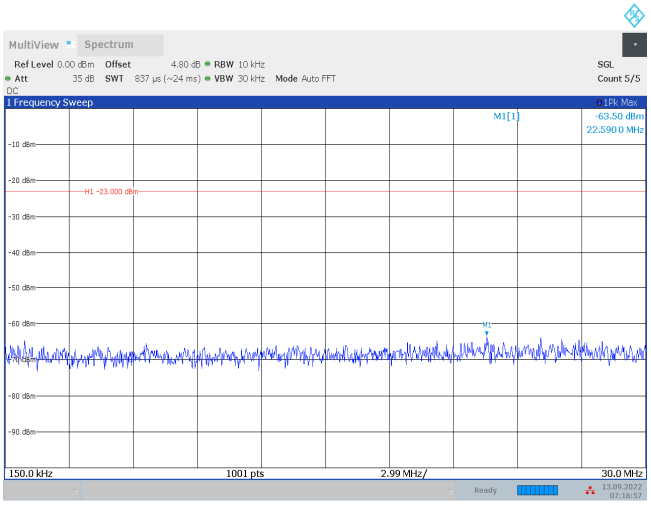

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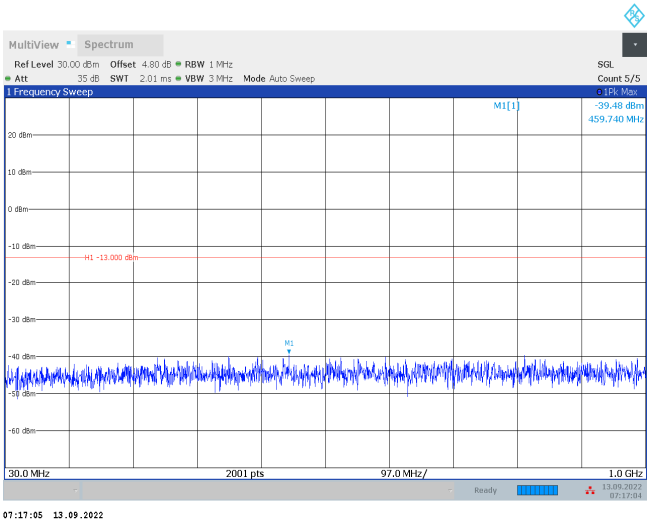
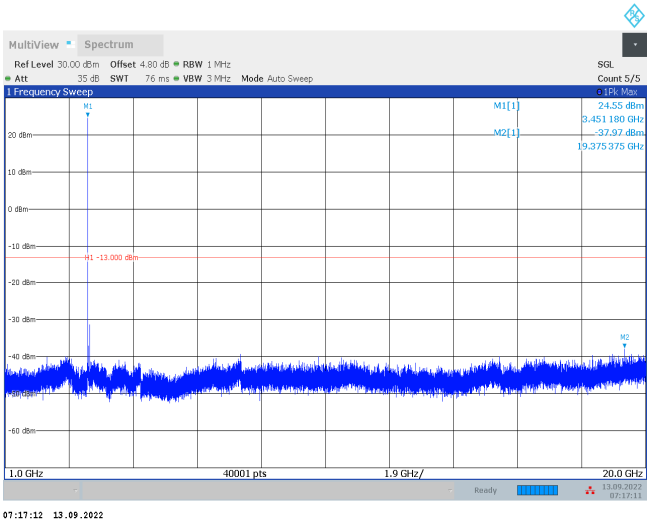


Band42-20MHz-QPSK-42990-1RB#0-1000~20000MHz


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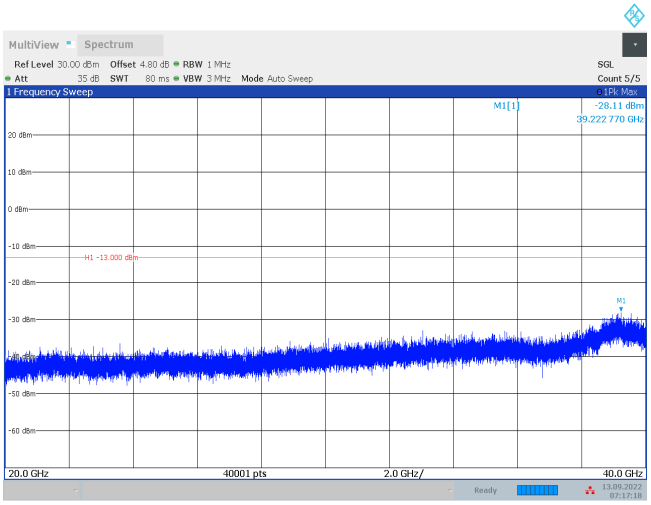
Band42-20MHz-QPSK-42990-1RB#0-20000~40000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band42_ TM1
Test Channel = Low ANT4 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1800	47.37	-43.88	35.96	-55.80	-13.00	42.80	214	208	Horizontal
2	10353.2700	37.29	-38.84	38.85	-57.96	-13.00	44.96	163	239	Horizontal
3	12191.35	36.24	-37.12	39.12	-57.01	-13.00	44.01	251	148	Horizontal
4	13804.3600	32.77	-36.22	39.96	-58.74	-13.00	45.74	142	74	Horizontal
5	15809.25	34.11	-33.16	38.18	-56.12	-13.00	43.12	195	353	Horizontal
6	17255.4500	34.66	-35.06	38.68	-56.98	-13.00	43.98	144	103	Horizontal

Test Band = LTE Band42_ TM1
Test Channel = Low ANT4 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1800	47.05	-43.88	35.96	-56.12	-13.00	43.12	266	168	Vertical
2	8420.5	46.63	-41.46	37.37	-52.72	-13.00	39.72	251	197	Vertical
3	10353.2700	38.99	-38.84	38.85	-56.26	-13.00	43.26	145	359	Vertical
4	13804.3600	34.00	-36.22	39.96	-57.51	-13.00	44.51	185	90	Vertical
5	16423.925	36.15	-34.72	37.77	-56.06	-13.00	43.06	142	14	Vertical
6	17255.4500	34.18	-35.06	38.68	-57.46	-13.00	44.46	130	45	Vertical

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Test Band = LTE Band42_ TM1
Test Channel = Mid ANT4 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.1800	47.43	-43.15	36.06	-54.92	-13.00	41.92	265	3	Horizontal
2	8381.975	47.66	-41.46	37.31	-51.75	-13.00	38.75	145	3	Horizontal
3	10473.25	52.79	-38.75	38.93	-42.29	-13.00	29.29	185	197	Horizontal
4	12268.4	38.95	-36.79	39.11	-53.99	-13.00	40.99	142	354	Horizontal
5	13964.3600	35.22	-35.06	40.11	-54.99	-13.00	41.99	163	335	Horizontal
6	17455.4500	35.76	-34.25	39.05	-54.71	-13.00	41.71	291	318	Horizontal

Test Band = LTE Band42_ TM1
Test Channel = Mid ANT4 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.1800	49.85	-43.15	36.06	-52.50	-13.00	39.50	255	358	Vertical
2	8411.3	47.94	-41.42	37.35	-51.38	-13.00	38.38	142	183	Vertical
3	10473.2700	46.03	-38.75	38.93	-49.05	-13.00	36.05	136	57	Vertical
4	13964.3600	34.54	-35.06	40.11	-55.67	-13.00	42.67	266	360	Vertical
5	15790.275	34.93	-33.08	38.21	-55.20	-13.00	42.20	261	212	Vertical
6	17455.4500	38.30	-34.25	39.05	-52.17	-13.00	39.17	199	360	Vertical

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Test Band = LTE Band42_ TM1
Test Channel = High ANT4 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7062.1800	47.86	-43.41	36.24	-54.57	-13.00	41.57	285	47	Horizontal
2	8432.575	48.49	-41.51	37.40	-50.88	-13.00	37.88	142	360	Horizontal
3	10593.2700	55.50	-38.06	39.05	-38.77	-13.00	25.77	263	195	Horizontal
4	14124.3600	33.36	-35.87	40.20	-57.57	-13.00	44.57	261	287	Horizontal
5	16491.775	38.97	-34.33	37.91	-52.71	-13.00	39.71	199	332	Horizontal
6	17655.4500	35.68	-33.40	39.89	-53.09	-13.00	40.09	145	332	Horizontal

Test Band = LTE Band42_ TM1
Test Channel = High ANT4 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7062.1800	48.03	-43.41	36.24	-54.40	-13.00	41.40	189	224	Vertical
2	7987.525	48.47	-42.21	37.00	-52.00	-13.00	39.00	156	13	Vertical
3	10593.2700	49.50	-38.06	39.05	-44.77	-13.00	31.77	215	13	Vertical
4	14124.3600	34.55	-35.87	40.20	-56.38	-13.00	43.38	135	357	Vertical
5	15846.05	37.26	-33.55	38.12	-53.43	-13.00	40.43	145	88	Vertical
6	17655.4500	35.55	-33.40	39.89	-53.22	-13.00	40.22	170	352	Vertical

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Test Band = LTE Band42_ TM1
Test Channel = Low ANT6 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1800	45.83	-43.88	35.96	-57.34	-13.00	44.34	258	272	Horizontal
2	8406.7	47.05	-41.40	37.34	-52.26	-13.00	39.26	147	101	Horizontal
3	9573.95	43.20	-39.40	38.45	-53.01	-13.00	40.01	159	178	Horizontal
4	10353.2700	36.60	-38.84	38.85	-58.65	-13.00	45.65	146	41	Horizontal
5	13804.3600	33.54	-36.22	39.96	-57.97	-13.00	44.97	168	13	Horizontal
6	17255.4500	34.31	-35.06	38.68	-57.33	-13.00	44.33	192	0	Horizontal

Test Band = LTE Band42_ TM1
Test Channel = Low ANT6 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1800	46.78	-43.88	35.96	-56.39	-13.00	43.39	263	356	Vertical
2	8418.775	45.96	-41.45	37.37	-53.38	-13.00	40.38	251	162	Vertical
3	8956.975	44.19	-40.89	38.17	-53.78	-13.00	40.78	145	5	Vertical
4	10353.2700	37.58	-38.84	38.85	-57.67	-13.00	44.67	184	0	Vertical
5	13804.3600	33.33	-36.22	39.96	-58.18	-13.00	45.18	196	84	Vertical
6	17255.4500	33.86	-35.06	38.68	-57.78	-13.00	44.78	182	176	Vertical

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Test Band = LTE Band42_ TM1
Test Channel = Mid ANT6 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.1800	45.38	-43.15	36.06	-56.97	-13.00	43.97	266	26	Horizontal
2	8419.35	46.24	-41.45	37.37	-53.10	-13.00	40.10	249	58	Horizontal
3	9608.45	43.13	-39.22	38.43	-52.92	-13.00	39.92	215	357	Horizontal
4	10473.2700	35.68	-38.75	38.93	-59.40	-13.00	46.40	140	26	Horizontal
5	13964.3600	31.88	-35.06	40.11	-58.33	-13.00	45.33	103	240	Horizontal
6	17455.4500	32.67	-34.25	39.05	-57.80	-13.00	44.80	302	226	Horizontal

Test Band = LTE Band42_ TM1
Test Channel = Mid ANT6 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.1800	46.84	-43.15	36.06	-55.51	-13.00	42.51	174	85	Vertical
2	8404.975	46.25	-41.39	37.34	-53.06	-13.00	40.06	185	357	Vertical
3	8938.575	44.34	-40.89	38.16	-53.65	-13.00	40.65	195	270	Vertical
4	10473.2700	35.70	-38.75	38.93	-59.38	-13.00	46.38	146	239	Vertical
5	13964.3600	30.43	-35.06	40.11	-59.78	-13.00	46.78	216	210	Vertical
6	17455.4500	33.36	-34.25	39.05	-57.11	-13.00	44.11	231	6	Vertical

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Test Band = LTE Band42_ TM1
Test Channel = High ANT6 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7062.1800	46.43	-43.41	36.24	-56.00	-13.00	43.00	198	316	Horizontal
2	8413.025	45.70	-41.43	37.36	-53.63	-13.00	40.63	176	163	Horizontal
3	9510.7	43.31	-39.88	38.46	-53.37	-13.00	40.37	154	25	Horizontal
4	10593.2700	35.43	-38.06	39.05	-58.84	-13.00	45.84	261	239	Horizontal
5	14124.3600	30.91	-35.87	40.20	-60.02	-13.00	47.02	136	357	Horizontal
6	17655.4500	30.39	-33.40	39.89	-58.38	-13.00	45.38	172	100	Horizontal

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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7062.1800	46.80	-43.41	36.24	-55.63	-13.00	42.63	298	72	Vertical
2	8467.65	46.15	-41.66	37.47	-53.30	-13.00	40.30	115	178	Vertical
3	9476.2	43.10	-39.95	38.47	-53.64	-13.00	40.64	146	344	Vertical
4	10593.2700	35.69	-38.06	39.05	-58.58	-13.00	45.58	235	0	Vertical
5	14124.3600	29.71	-35.87	40.20	-61.22	-13.00	48.22	185	269	Vertical
6	17655.4500	31.75	-33.40	39.89	-57.02	-13.00	44.02	142	0	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

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42	20MHz	QPSK	42590	100RB#0	VL	NT	-1.00	-0.000286	PASS
Band42	20MHz	QPSK	42590	100RB#0	VN	NT	1.20	0.000343	PASS
Band42	20MHz	QPSK	42590	100RB#0	VH	NT	0.40	0.000114	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42	20MHz	QPSK	42590	100RB#0	NV	-30	1.20	0.000343	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-20	1.70	0.000486	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	0	-1.60	-0.000457	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	10	-1.50	-0.000429	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	20	1.20	0.000343	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	30	0.60	0.000171	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	40	-0.50	-0.000143	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	50	1.20	0.000343	PASS

---End of Attachment---

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