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Appendix



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.62	22.95	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.79	23.12	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.71	23.04	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	24.12	22.45	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	24.18	22.51	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	24.11	22.44	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	24.10	22.43	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.02	22.35	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.78	23.11	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.44	22.77	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	24.00	22.33	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	24.28	22.61	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	24.30	22.63	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	24.25	22.58	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.50	22.83	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.74	23.07	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.49	22.82	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	24.01	22.34	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	24.03	22.36	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	23.83	22.16	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	24.01	22.34	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	24.10	22.43	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	24.18	22.51	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	24.18	22.51	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	23.13	21.46	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	23.13	21.46	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	23.15	21.48	33.00	PASS



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Band38	5MHz	16QAM	37775	25RB#0	23.14	21.47	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	24.08	22.41	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	24.00	22.33	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	24.23	22.56	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	23.27	21.60	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	23.32	21.65	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	23.34	21.67	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	23.28	21.61	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	24.12	22.45	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	24.09	22.42	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.99	22.32	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#0	22.99	21.32	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	23.05	21.38	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	23.03	21.36	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	23.00	21.33	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	23.28	21.61	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	23.28	21.61	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	23.28	21.61	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#0	22.12	20.45	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#6	22.13	20.46	33.00	PASS
Band38	5MHz	64QAM	37775	12RB#13	22.11	20.44	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	22.13	20.46	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#0	23.23	21.56	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	23.32	21.65	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	23.30	21.63	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#0	22.24	20.57	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#6	22.32	20.65	33.00	PASS
Band38	5MHz	64QAM	38000	12RB#13	22.34	20.67	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	22.27	20.60	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	23.03	21.36	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	23.25	21.58	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	23.20	21.53	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#0	22.03	20.36	33.00	PASS



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Band38	5MHz	64QAM	38225	12RB#6	22.04	20.37	33.00	PASS
Band38	5MHz	64QAM	38225	12RB#13	22.07	20.40	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	22.02	20.35	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	20.03	18.36	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	20.16	18.49	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	20.06	18.39	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#0	20.10	18.43	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#6	20.15	18.48	33.00	PASS
Band38	5MHz	256QAM	37775	12RB#13	20.08	18.41	33.00	PASS
Band38	5MHz	256QAM	37775	25RB#0	20.12	18.45	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	20.00	18.33	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#12	20.22	18.55	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	20.22	18.55	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#0	20.24	18.57	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#6	20.28	18.61	33.00	PASS
Band38	5MHz	256QAM	38000	12RB#13	20.34	18.67	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	20.02	18.35	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	20.11	18.44	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	20.06	18.39	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	20.01	18.34	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#0	20.04	18.37	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#6	20.06	18.39	33.00	PASS
Band38	5MHz	256QAM	38225	12RB#13	19.60	17.93	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	20.00	18.33	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.43	22.76	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.49	22.82	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.46	22.79	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	23.95	22.28	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	24.06	22.39	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	24.02	22.35	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	24.05	22.38	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.03	22.36	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.62	22.95	33.00	PASS



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Band38	10MHz	QPSK	38000	1RB#49	24.63	22.96	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	24.14	22.47	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	24.16	22.49	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	24.22	22.55	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	24.13	22.46	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.11	22.44	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.60	22.93	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.58	22.91	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	24.13	22.46	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	24.10	22.43	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	24.11	22.44	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	24.15	22.48	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	24.00	22.33	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	23.88	22.21	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	24.03	22.36	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	22.96	21.29	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	23.03	21.36	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	23.06	21.39	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	23.01	21.34	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	24.10	22.43	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	24.11	22.44	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	24.19	22.52	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	23.10	21.43	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	23.13	21.46	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	23.21	21.54	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	23.09	21.42	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	24.00	22.33	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	24.08	22.41	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	24.09	22.42	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	23.13	21.46	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	23.11	21.44	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	23.13	21.46	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	23.15	21.48	33.00	PASS



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Band38	10MHz	64QAM	37800	1RB#24	23.04	21.37	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	23.08	21.41	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#0	21.92	20.25	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#12	22.05	20.38	33.00	PASS
Band38	10MHz	64QAM	37800	25RB#25	22.05	20.38	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	22.04	20.37	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	23.12	21.45	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	23.20	21.53	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	23.28	21.61	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#0	22.15	20.48	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#12	22.13	20.46	33.00	PASS
Band38	10MHz	64QAM	38000	25RB#25	22.21	20.54	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	22.17	20.50	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	23.21	21.54	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	23.13	21.46	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	23.15	21.48	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#0	22.09	20.42	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#12	22.08	20.41	33.00	PASS
Band38	10MHz	64QAM	38200	25RB#25	22.12	20.45	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	22.19	20.52	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#0	19.79	18.12	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	19.89	18.22	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	19.92	18.25	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#0	19.94	18.27	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#12	20.03	18.36	33.00	PASS
Band38	10MHz	256QAM	37800	25RB#25	20.00	18.33	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	20.02	18.35	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	19.96	18.29	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	20.15	18.48	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	19.93	18.26	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#0	20.12	18.45	33.00	PASS
Band38	10MHz	256QAM	38000	25RB#12	20.14	18.47	33.00	PASS



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Band38	10MHz	256QAM	38000	25RB#25	20.18	18.51	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	20.12	18.45	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	20.08	18.41	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	19.98	18.31	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#49	20.01	18.34	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#0	20.09	18.42	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#12	20.08	18.41	33.00	PASS
Band38	10MHz	256QAM	38200	25RB#25	20.09	18.42	33.00	PASS
Band38	10MHz	256QAM	38200	50RB#0	20.15	18.48	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.31	22.64	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.44	22.77	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.50	22.83	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#0	24.25	22.58	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#18	24.51	22.84	33.00	PASS
Band38	15MHz	QPSK	37825	38RB#37	24.45	22.78	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.91	22.24	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.98	22.31	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.63	22.96	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.56	22.89	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#0	24.54	22.87	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#18	24.61	22.94	33.00	PASS
Band38	15MHz	QPSK	38000	38RB#37	24.57	22.90	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	24.00	22.33	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	24.45	22.78	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.55	22.88	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	24.43	22.76	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#0	24.54	22.87	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#18	24.64	22.97	33.00	PASS
Band38	15MHz	QPSK	38175	38RB#37	24.52	22.85	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	24.04	22.37	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.88	22.21	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	24.01	22.34	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.97	22.30	33.00	PASS



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Band38	15MHz	16QAM	37825	38RB#0	23.84	22.17	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#18	23.94	22.27	33.00	PASS
Band38	15MHz	16QAM	37825	38RB#37	23.91	22.24	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.97	21.30	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	24.02	22.35	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	24.07	22.40	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	24.03	22.36	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#0	23.98	22.31	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#18	24.03	22.36	33.00	PASS
Band38	15MHz	16QAM	38000	38RB#37	24.07	22.40	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.99	21.32	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	24.07	22.40	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	24.06	22.39	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	23.96	22.29	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#0	23.95	22.28	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#18	24.12	22.45	33.00	PASS
Band38	15MHz	16QAM	38175	38RB#37	24.01	22.34	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	23.03	21.36	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.86	21.19	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.99	21.32	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.96	21.29	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#0	22.95	21.28	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#18	23.01	21.34	33.00	PASS
Band38	15MHz	64QAM	37825	38RB#37	23.04	21.37	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.96	20.29	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	23.10	21.43	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	23.13	21.46	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	23.17	21.50	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#0	23.06	21.39	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#18	23.21	21.54	33.00	PASS
Band38	15MHz	64QAM	38000	38RB#37	23.22	21.55	33.00	PASS
Band38	15MHz	64QAM	38000	75RB#0	22.01	20.34	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	23.00	21.33	33.00	PASS



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Band38	15MHz	64QAM	38175	1RB#38	23.10	21.43	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	23.06	21.39	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#0	23.09	21.42	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#18	23.18	21.51	33.00	PASS
Band38	15MHz	64QAM	38175	38RB#37	23.08	21.41	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	22.08	20.41	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	19.64	17.97	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	19.84	18.17	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	19.90	18.23	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#0	19.74	18.07	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#18	19.82	18.15	33.00	PASS
Band38	15MHz	256QAM	37825	38RB#37	19.86	18.19	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	19.92	18.25	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	19.85	18.18	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	20.09	18.42	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	20.02	18.35	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#0	19.88	18.21	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#18	19.95	18.28	33.00	PASS
Band38	15MHz	256QAM	38000	38RB#37	20.06	18.39	33.00	PASS
Band38	15MHz	256QAM	38000	75RB#0	20.01	18.34	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	19.81	18.14	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	20.08	18.41	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	19.87	18.20	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#0	19.82	18.15	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#18	20.02	18.35	33.00	PASS
Band38	15MHz	256QAM	38175	38RB#37	19.91	18.24	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	20.05	18.38	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.36	22.69	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.47	22.80	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.47	22.80	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	23.86	22.19	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	24.01	22.34	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	24.00	22.33	33.00	PASS



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Band38	20MHz	QPSK	37850	100RB#0	23.98	22.31	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.99	22.32	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.63	22.96	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.55	22.88	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#0	23.99	22.32	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#25	24.05	22.38	33.00	PASS
Band38	20MHz	QPSK	38000	50RB#50	24.09	22.42	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	24.00	22.33	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	24.02	22.35	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.55	22.88	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.49	22.82	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#0	24.00	22.33	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#25	24.00	22.33	33.00	PASS
Band38	20MHz	QPSK	38150	50RB#50	24.02	22.35	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.99	22.32	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.83	22.16	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	24.03	22.36	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	24.03	22.36	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#0	22.81	21.14	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#25	23.00	21.33	33.00	PASS
Band38	20MHz	16QAM	37850	50RB#50	23.00	21.33	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.97	21.30	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#0	23.99	22.32	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	24.14	22.47	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	24.03	22.36	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#0	23.02	21.35	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#25	23.03	21.36	33.00	PASS
Band38	20MHz	16QAM	38000	50RB#50	23.08	21.41	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	23.03	21.36	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	24.03	22.36	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	24.42	22.75	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	24.03	22.36	33.00	PASS
Band38	20MHz	16QAM	38150	50RB#0	23.01	21.34	33.00	PASS



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Band38	20MHz	16QAM	38150	50RB#50	23.00	21.33	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.97	21.30	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.90	21.23	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.99	21.32	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	23.11	21.44	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#0	21.85	20.18	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#25	21.99	20.32	33.00	PASS
Band38	20MHz	64QAM	37850	50RB#50	21.98	20.31	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.97	20.30	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	23.10	21.43	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	23.11	21.44	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	23.08	21.41	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#0	22.00	20.33	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#25	22.05	20.38	33.00	PASS
Band38	20MHz	64QAM	38000	50RB#50	22.10	20.43	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	22.00	20.33	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	23.18	21.51	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	23.27	21.60	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	23.08	21.41	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#0	21.97	20.30	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#25	22.02	20.35	33.00	PASS
Band38	20MHz	64QAM	38150	50RB#50	22.02	20.35	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.94	20.27	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	19.86	18.19	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	20.02	18.35	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	20.04	18.37	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#0	19.88	18.21	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#25	19.99	18.32	33.00	PASS
Band38	20MHz	256QAM	37850	50RB#50	20.00	18.33	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	19.94	18.27	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#0	19.84	18.17	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	20.14	18.47	33.00	PASS



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Band38	20MHz	256QAM	38000	1RB#99	20.01	18.34	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#0	19.96	18.29	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#25	20.03	18.36	33.00	PASS
Band38	20MHz	256QAM	38000	50RB#50	20.07	18.40	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	20.01	18.34	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	20.00	18.33	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	20.06	18.39	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	19.96	18.29	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#0	20.02	18.35	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#25	20.04	18.37	33.00	PASS
Band38	20MHz	256QAM	38150	50RB#50	20.01	18.34	33.00	PASS
Band38	20MHz	256QAM	38150	100RB#0	19.98	18.31	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.30	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.42	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.60	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	7.90	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	7.96	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.60	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	8.50	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	8.64	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	8.44	13	PASS
Band38	20MHz	256QAM	37850	100RB#0	8.42	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	8.60	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	8.56	13	PASS



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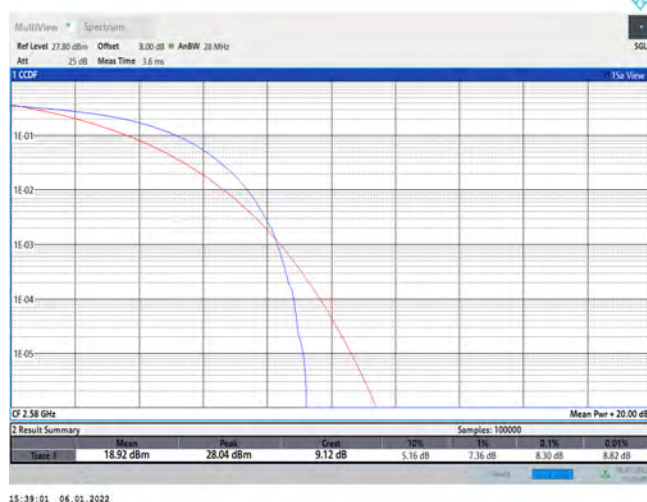
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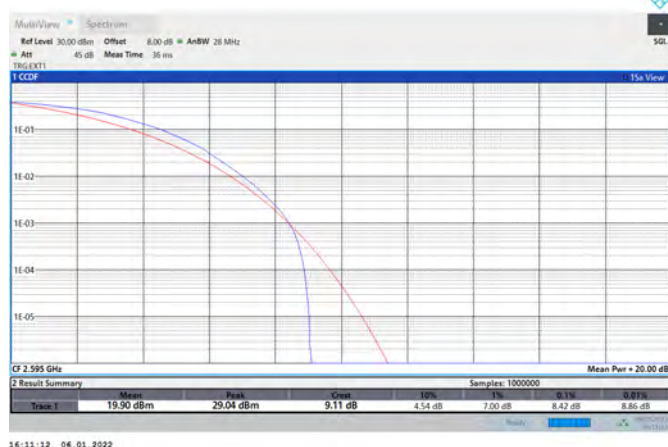
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Test Graphs

Band38-20MHz-QPSK-37850-100RB#0



Band38-20MHz-QPSK-38000-100RB#0



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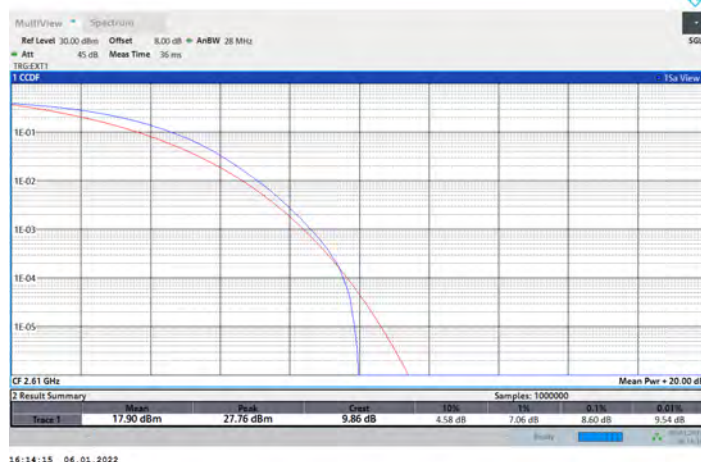
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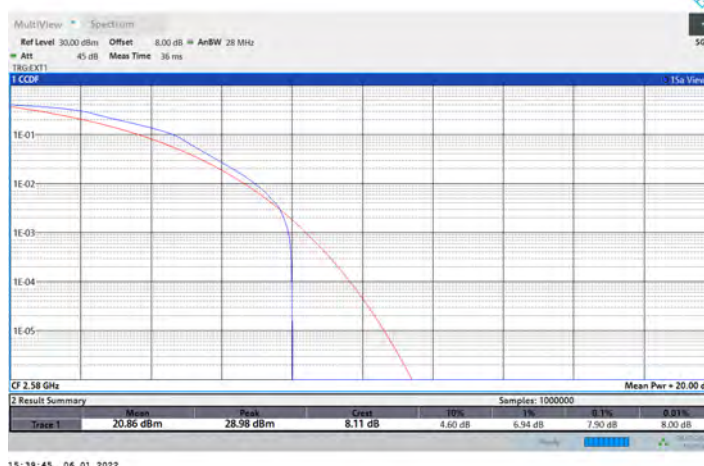
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Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-100RB#0



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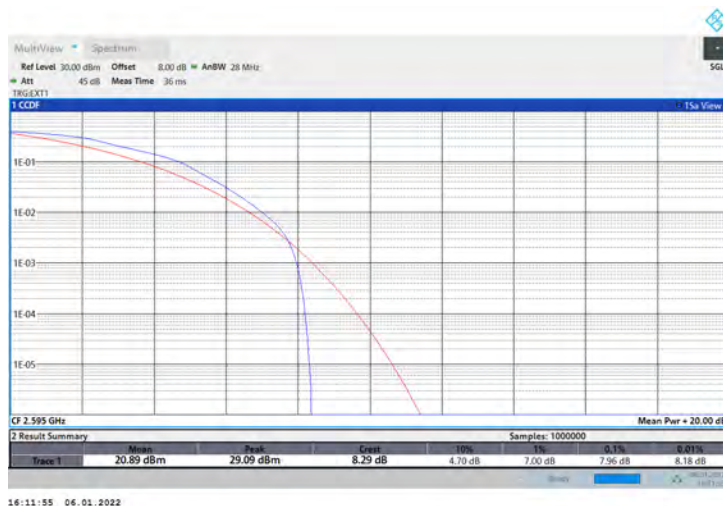
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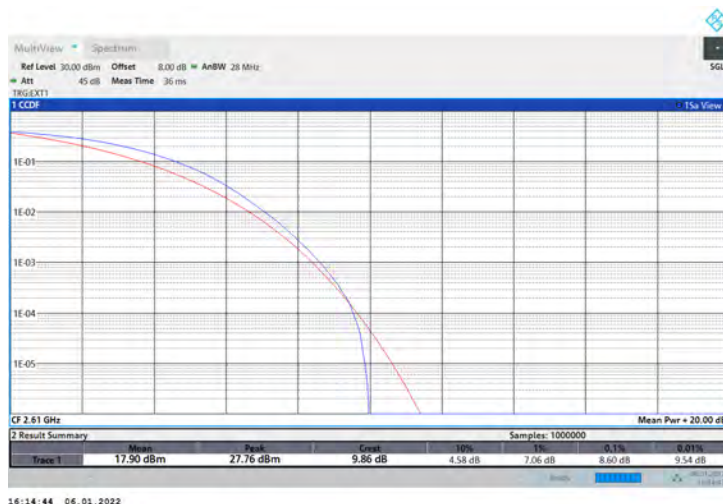
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Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0



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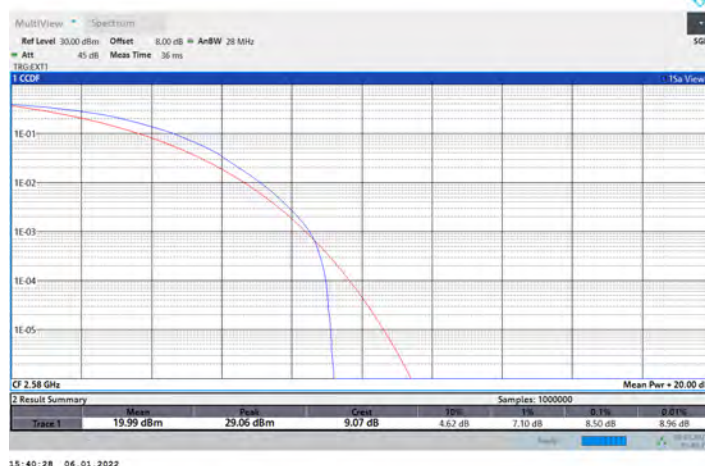
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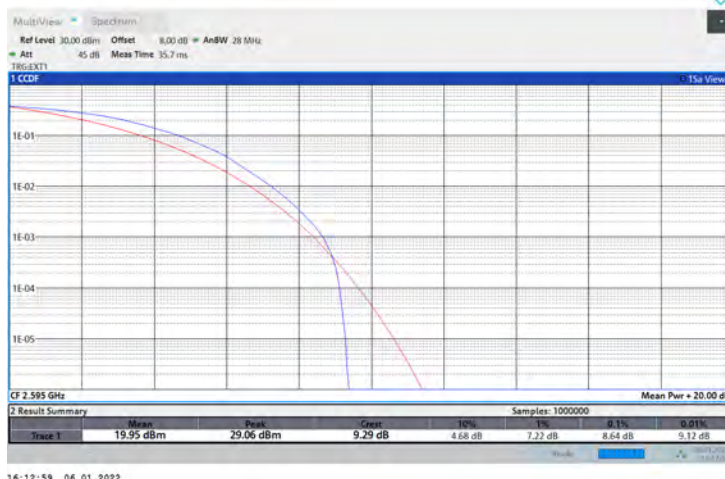
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Band38-20MHz-64QAM-37850-100RB#0



Band38-20MHz-64QAM-38000-100RB#0



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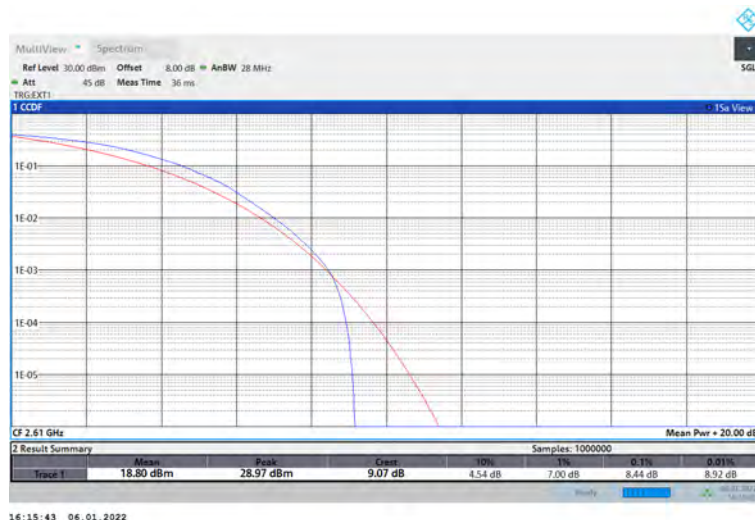
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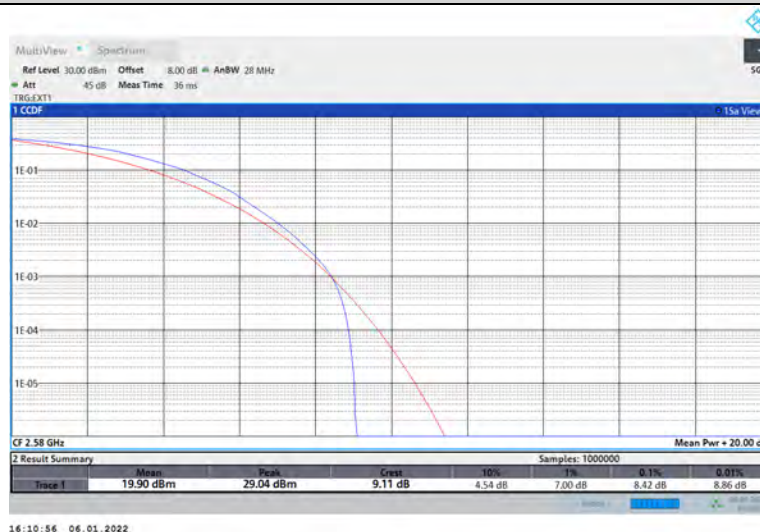
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Band38-20MHz-64QAM-38150-100RB#0



Band38-20MHz-256QAM-37850-100RB#0



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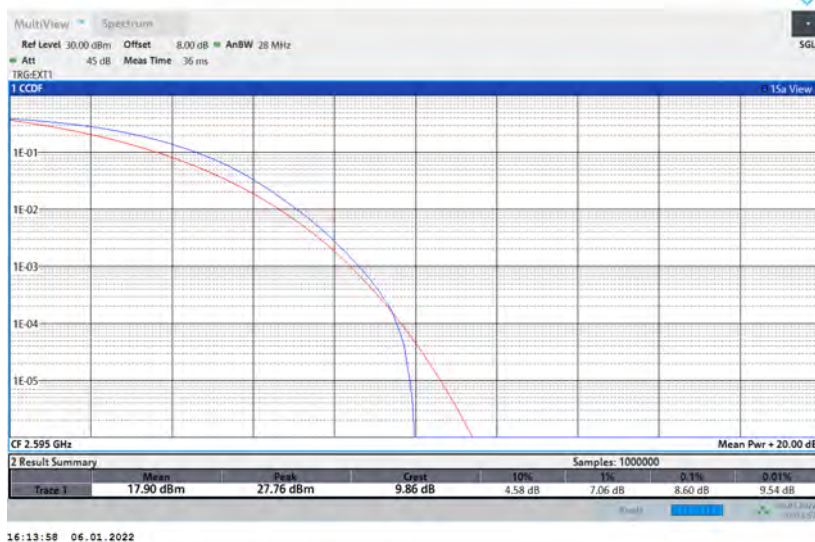
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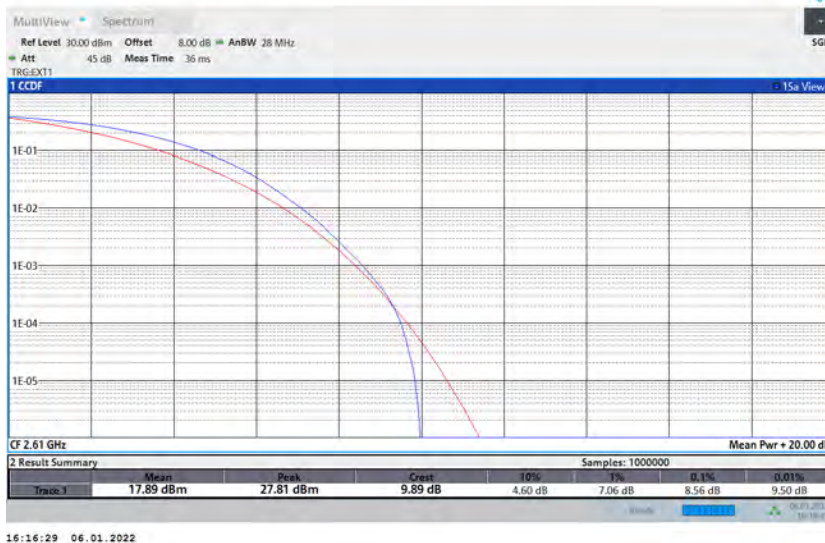
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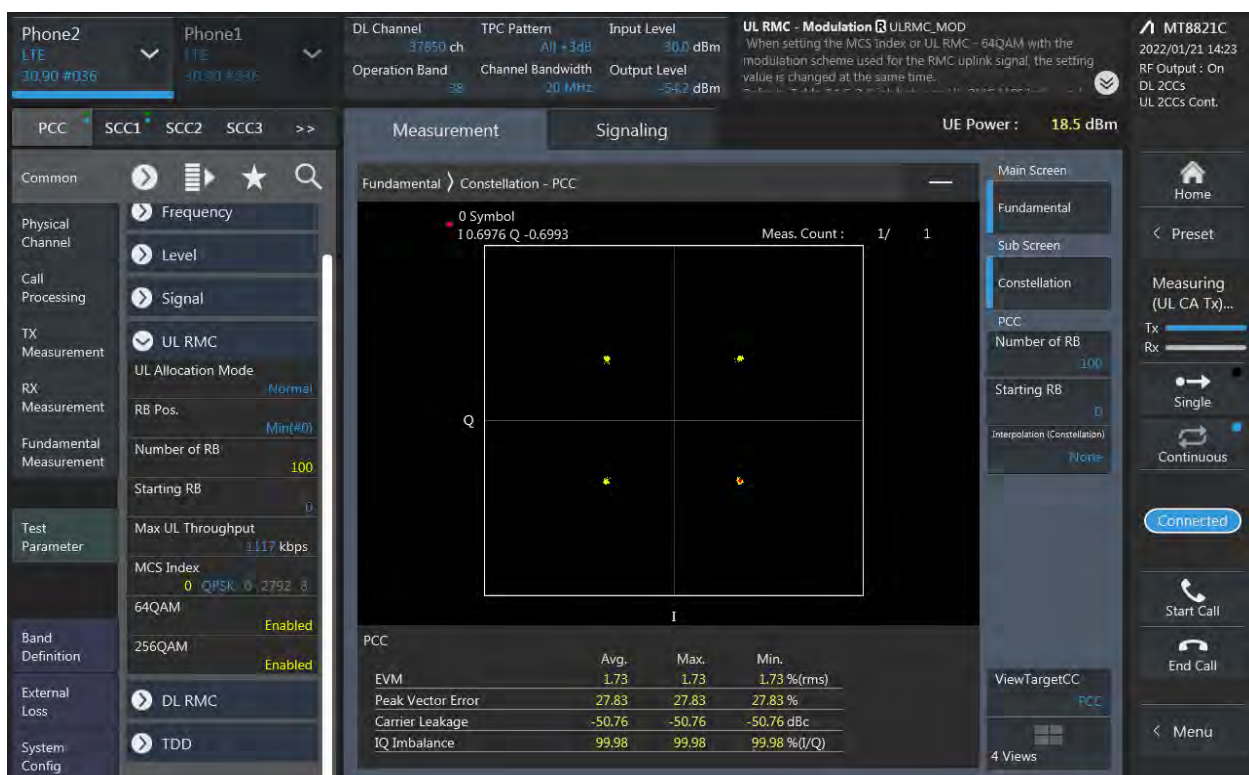
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Modulation Characteristics

Test Mode = LTE /TM1 10MHz

Test Channel = MCH



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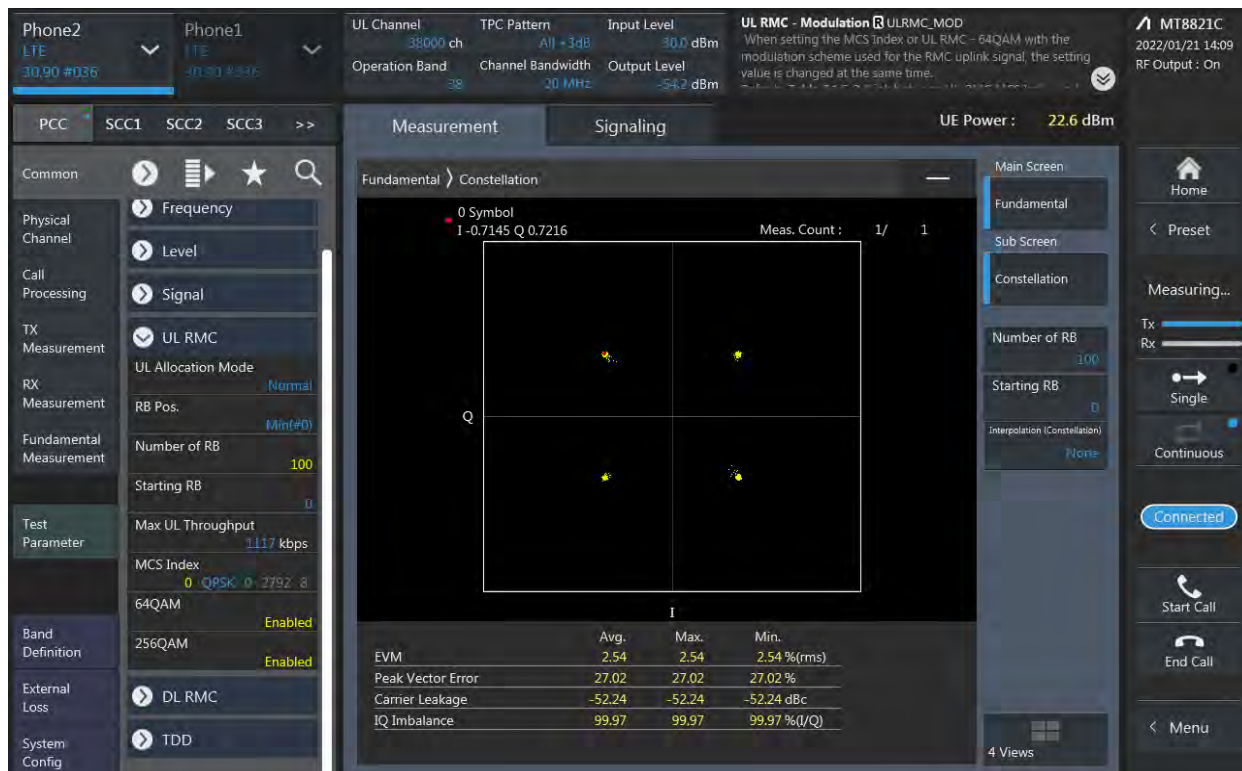
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Test Mode = LTE /TM2 10MHz

Test Channel = MCH



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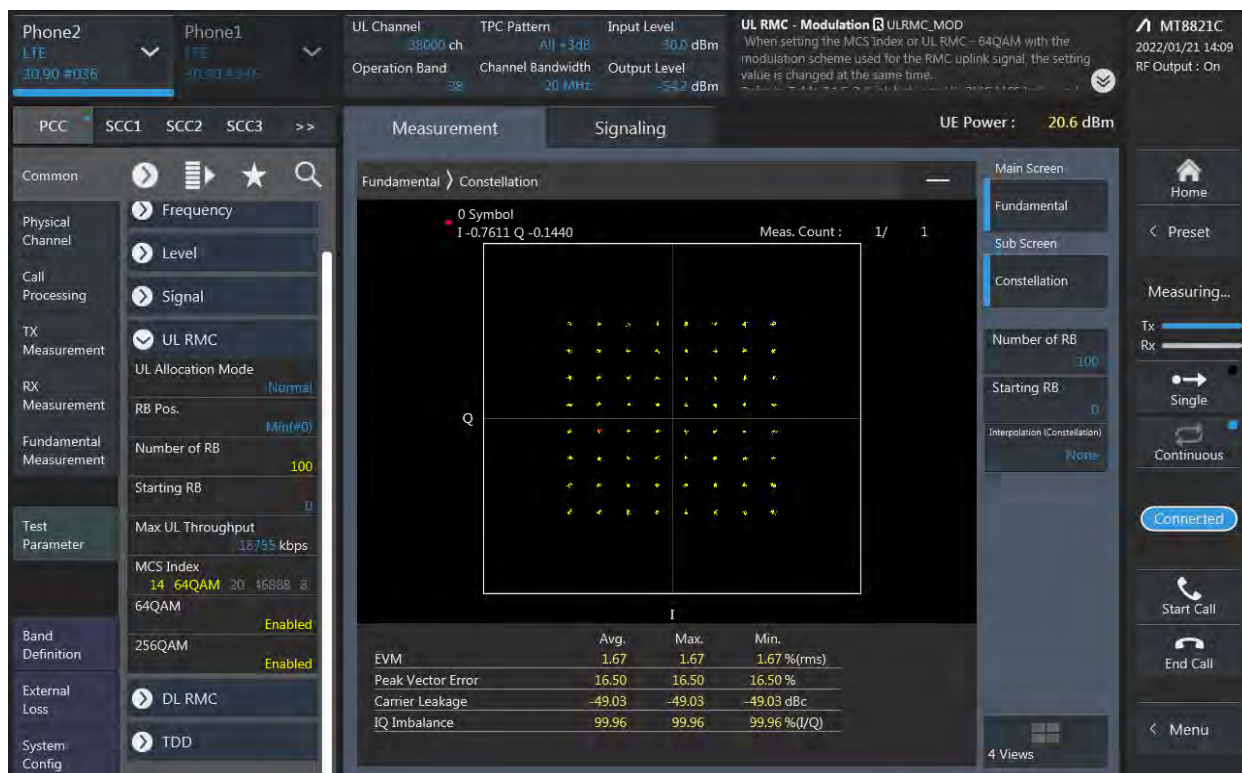
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Test Mode = LTE /TM3 10MHz

Test Channel = MCH



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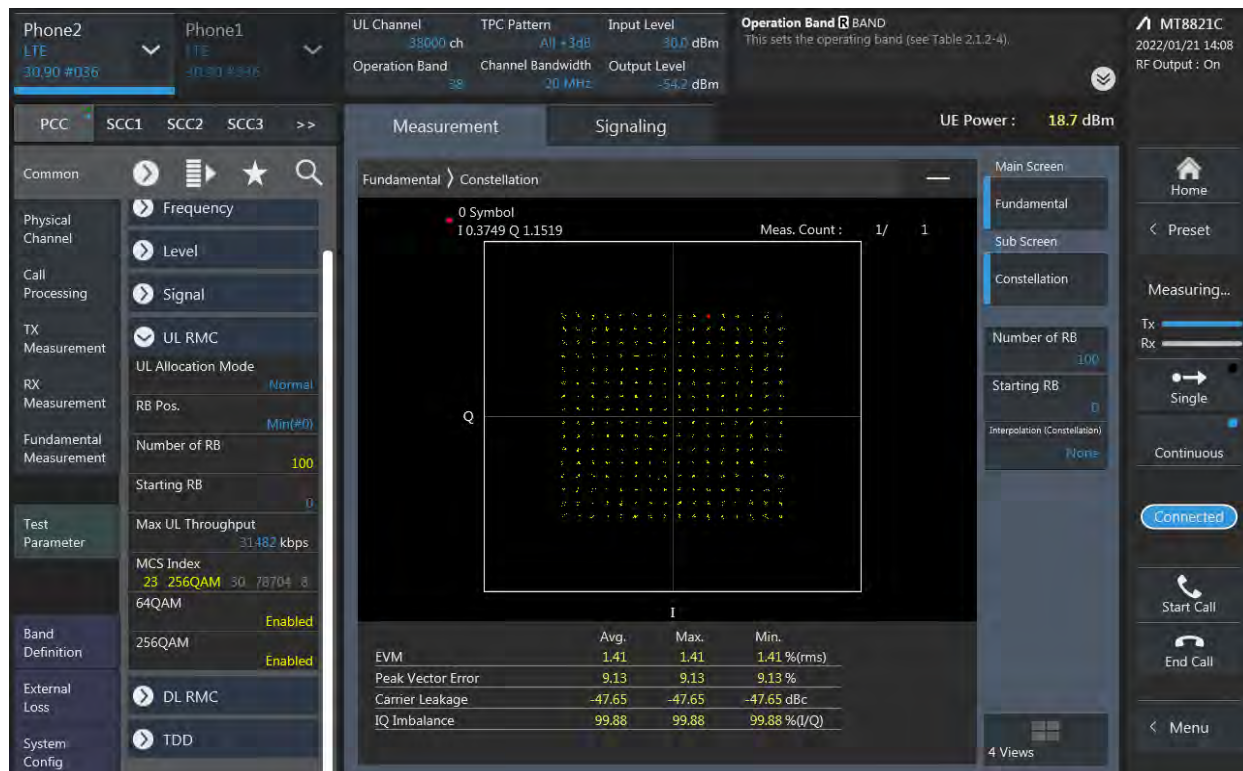
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Test Mode = LTE /TM4 10MHz

Test Channel = MCH



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.48	4.91	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.478	5.04	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.465	4.67	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.48	5.09	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.478	5.05	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.476	5.10	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.484	5.04	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.483	5.08	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.463	4.66	PASS
Band38	5MHz	256QAM	37775	25RB#0	4.482	5.11	PASS
Band38	5MHz	256QAM	38000	25RB#0	4.476	5.13	PASS
Band38	5MHz	256QAM	38225	25RB#0	4.481	5.13	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.949	9.42	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.936	9.90	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.937	10.02	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.951	9.82	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.959	9.46	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.956	9.86	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.935	9.80	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.939	9.84	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.947	9.90	PASS
Band38	10MHz	256QAM	37800	50RB#0	8.926	10.32	PASS
Band38	10MHz	256QAM	38000	50RB#0	8.947	9.74	PASS
Band38	10MHz	256QAM	38200	50RB#0	8.96	9.94	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.632	14.58	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.506	16.17	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.473	16.14	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.476	15.72	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.625	14.91	PASS



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Band38	15MHz	16QAM	38175	75RB#0	13.61	14.67	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.499	15.12	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.49	15.57	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.499	16.20	PASS
Band38	15MHz	256QAM	37825	75RB#0	13.465	16.47	PASS
Band38	15MHz	256QAM	38000	75RB#0	13.49	16.11	PASS
Band38	15MHz	256QAM	38175	75RB#0	13.49	16.05	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.904	20.60	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.903	19.64	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.926	19.68	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.914	20.88	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.914	20.72	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.059	19.64	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.864	20.64	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.884	20.56	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.916	20.80	PASS
Band38	20MHz	256QAM	37850	100RB#0	17.91	20.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	17.902	19.88	PASS
Band38	20MHz	256QAM	38150	100RB#0	17.886	19.88	PASS



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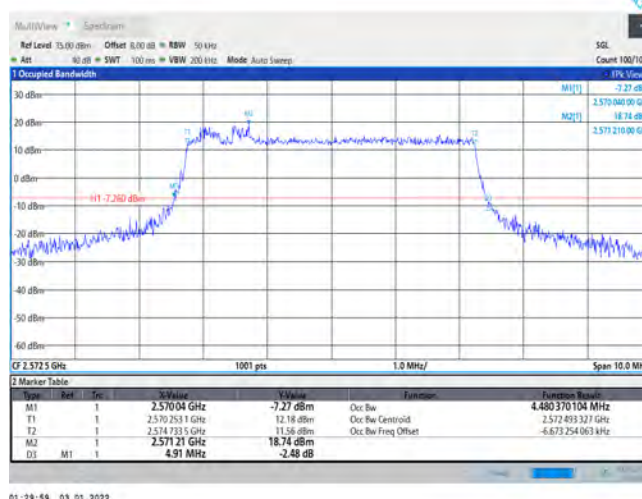
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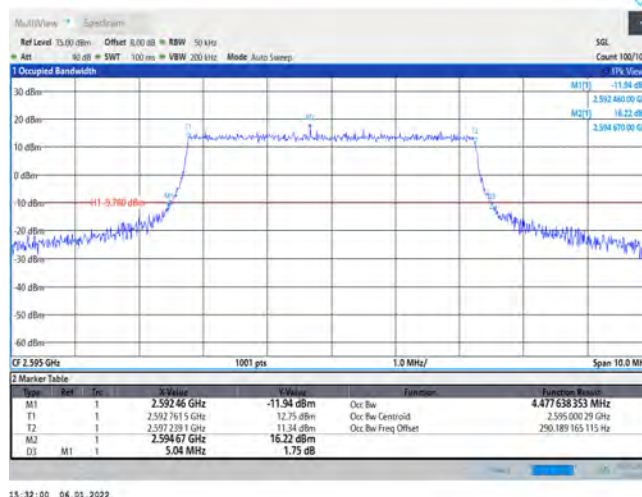
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Test Graphs

Band38-5MHz-QPSK-37775-25RB#0



Band38-5MHz-QPSK-38000-25RB#0



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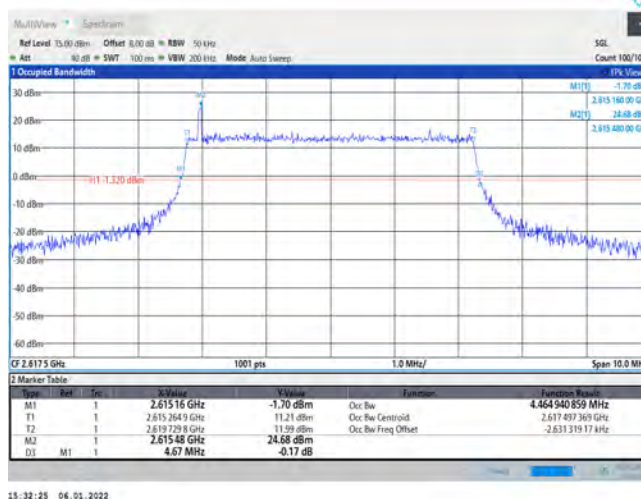
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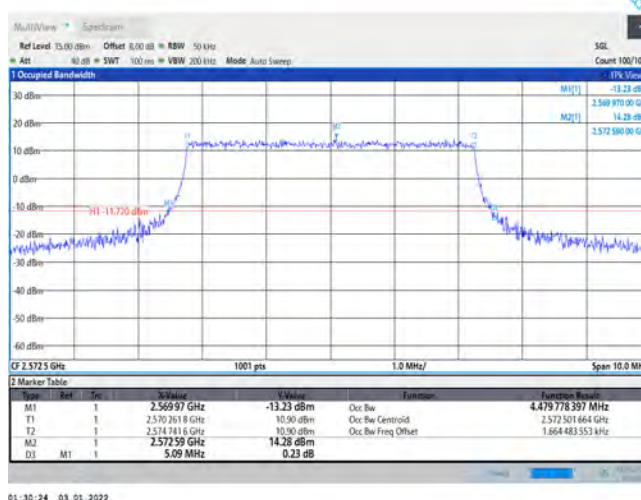
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Band38-5MHz-QPSK-38225-25RB#0



Band38-5MHz-16QAM-37775-25RB#0



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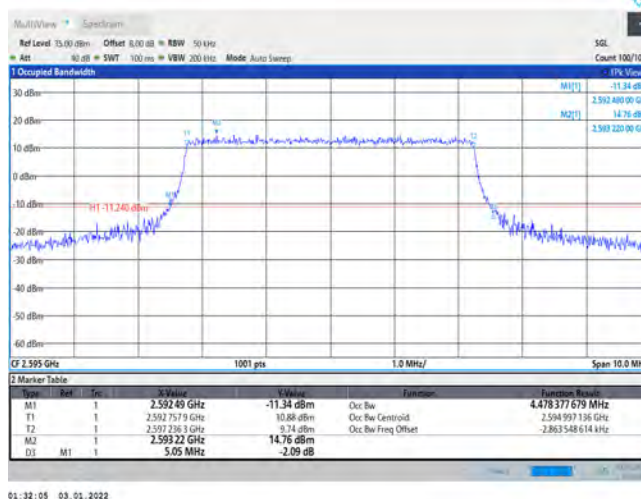
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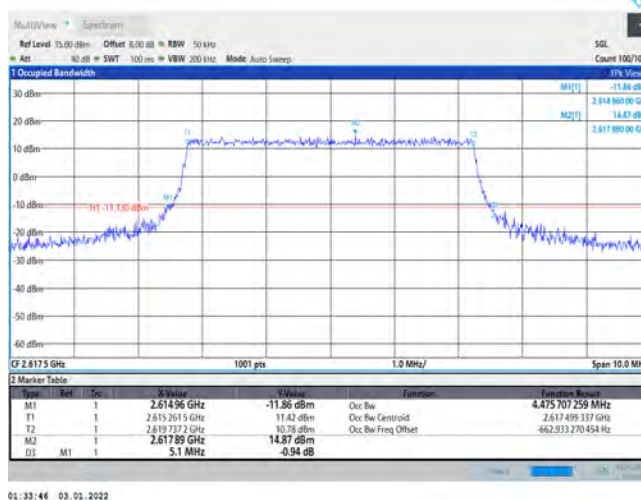
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Band38-5MHz-16QAM-38000-25RB#0



Band38-5MHz-16QAM-38225-25RB#0



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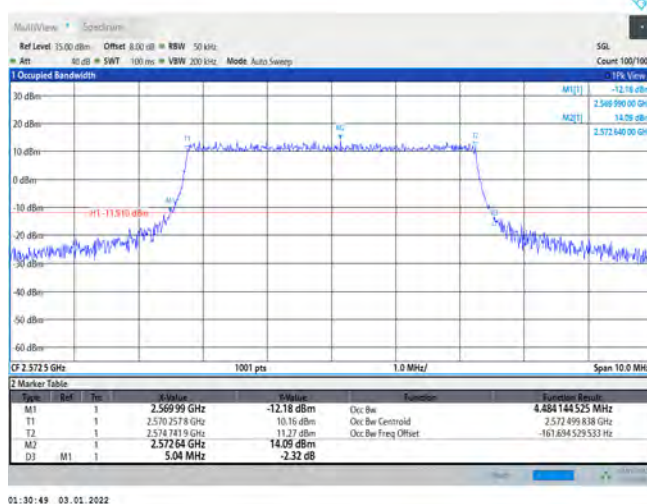
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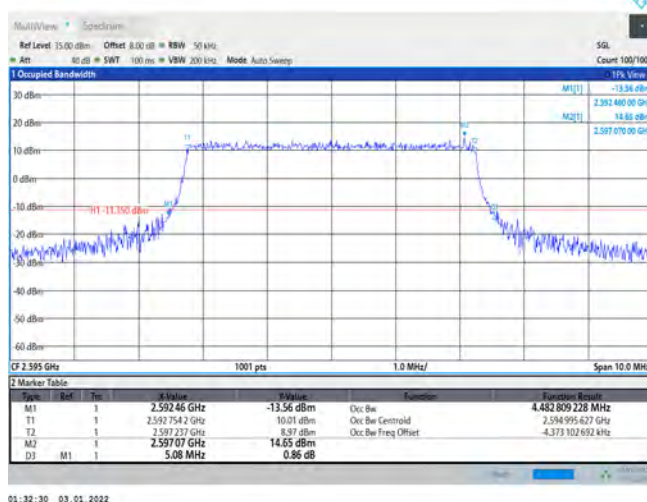
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Band38-5MHz-64QAM-37775-25RB#0



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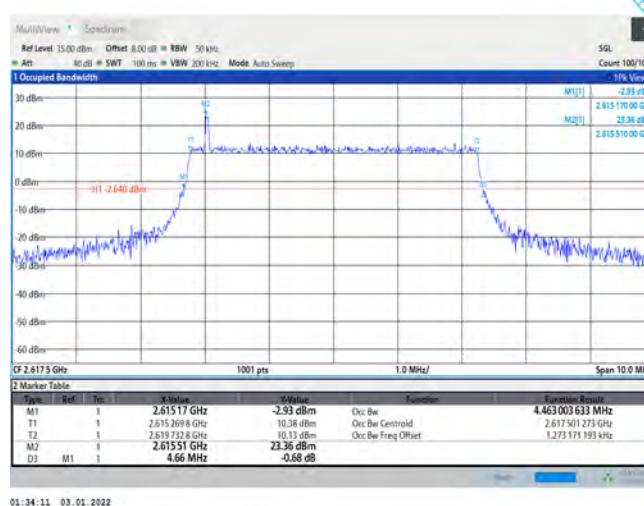
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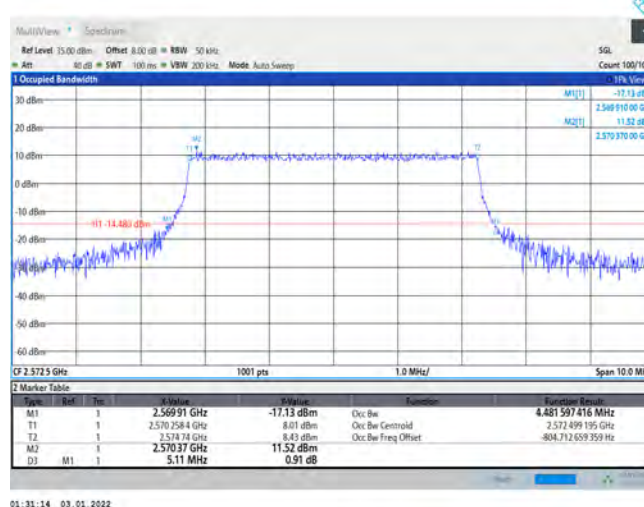
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Band38-5MHz-64QAM-38225-25RB#0



Band38-5MHz-256QAM-37775-25RB#0



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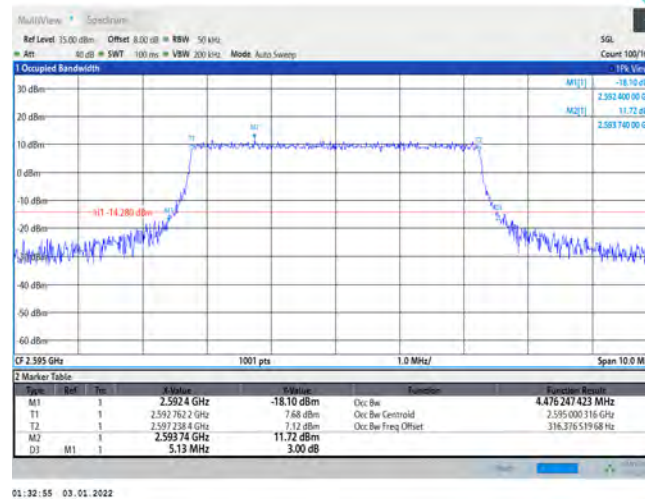


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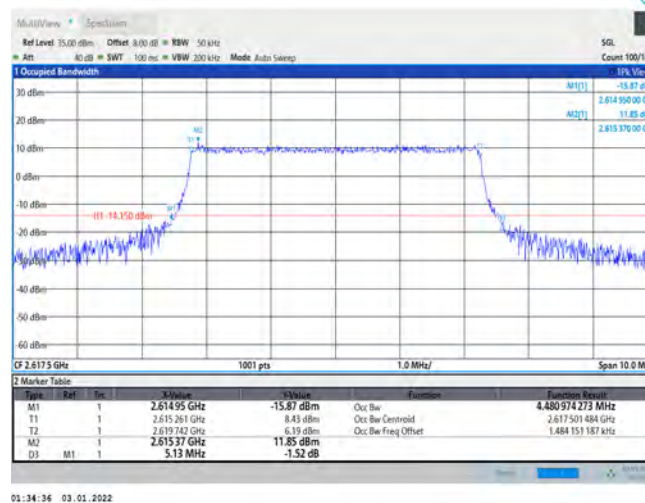
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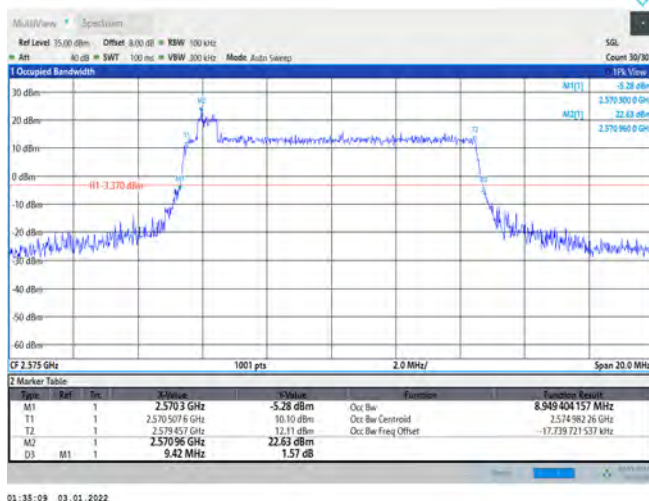
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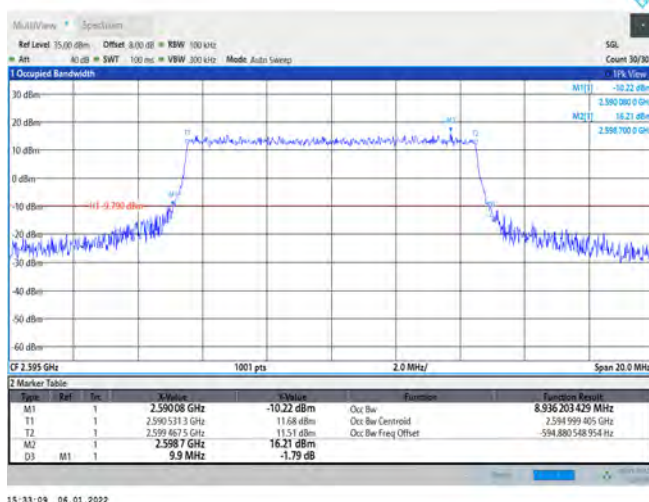
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Band38-10MHz-QPSK-37800-50RB#0



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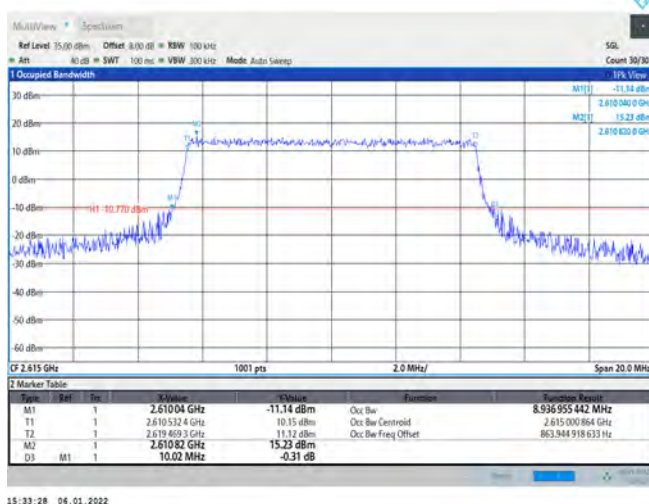
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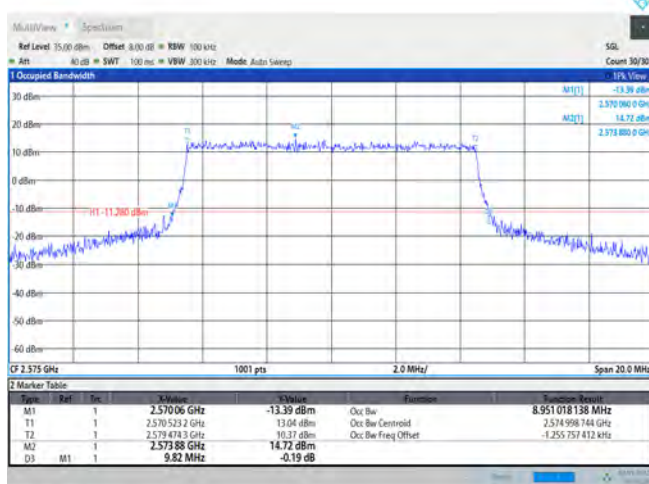
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Band38-10MHz-16QAM-37800-50RB#0



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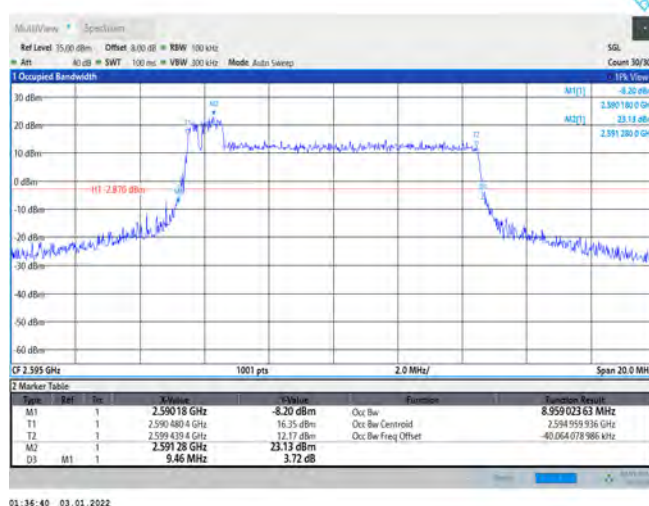
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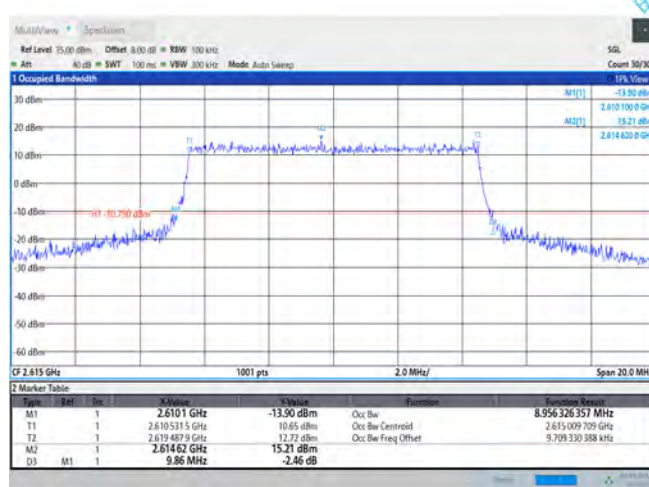
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Band38-10MHz-16QAM-38000-50RB#0



01:36:40 03.01.2022

Band38-10MHz-16QAM-38200-50RB#0



01:37:52 03.01.2022



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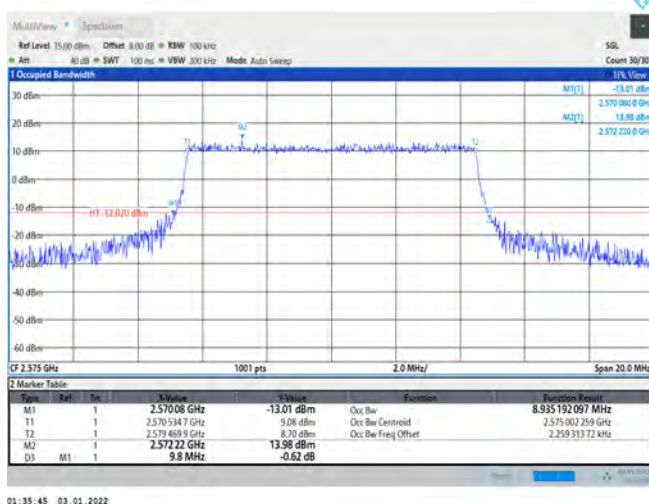
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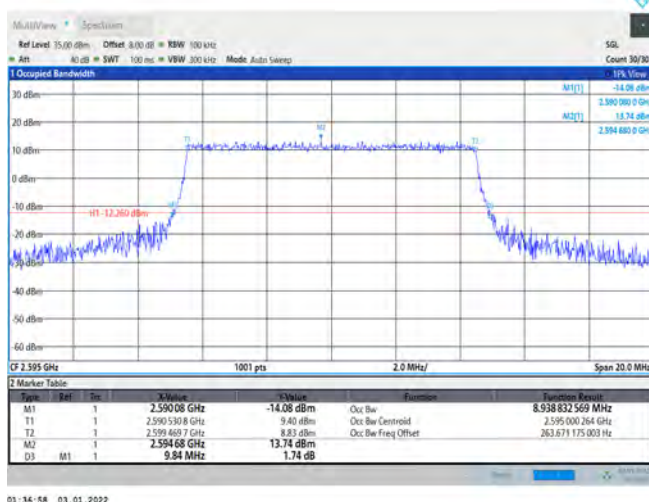
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Band38-10MHz-64QAM-37800-50RB#0



Band38-10MHz-64QAM-38000-50RB#0



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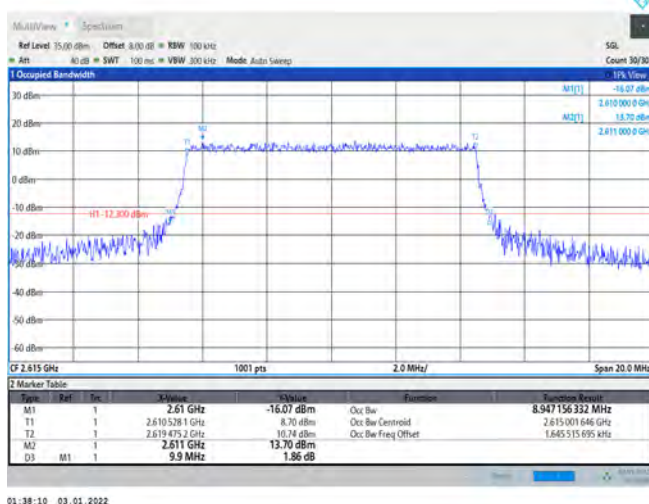
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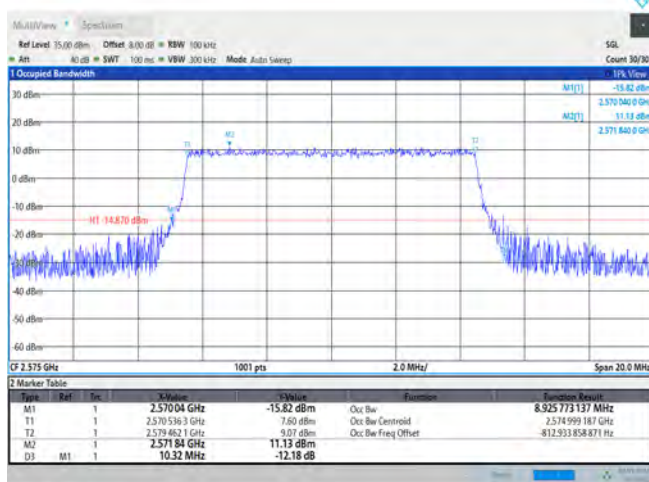
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Band38-10MHz-64QAM-38200-50RB#0



01:38:10 03.01.2022

Band38-10MHz-256QAM-37800-50RB#0



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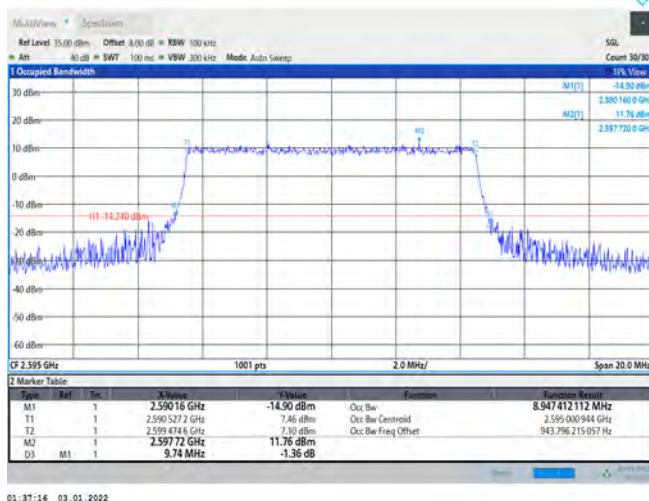
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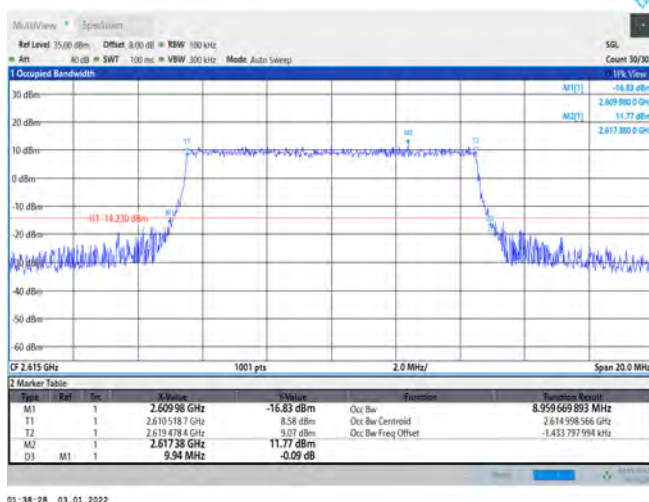
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Band38-10MHz-256QAM-38000-50RB#0



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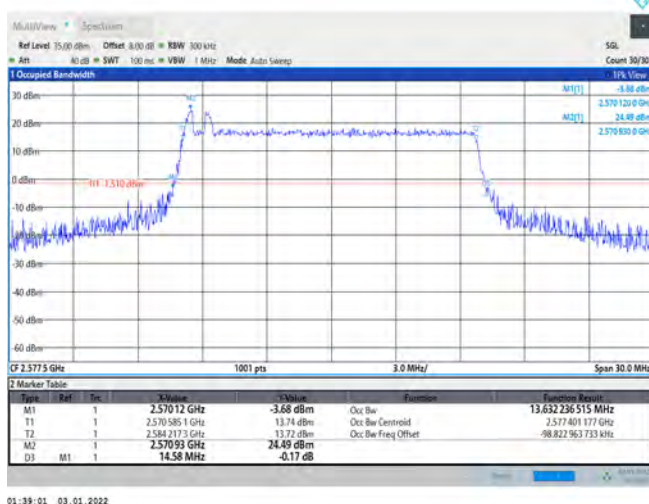
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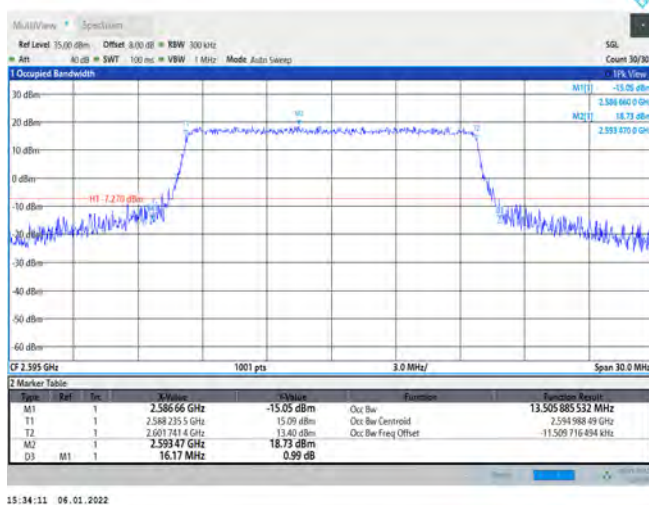
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Band38-15MHz-QPSK-37825-75RB#0



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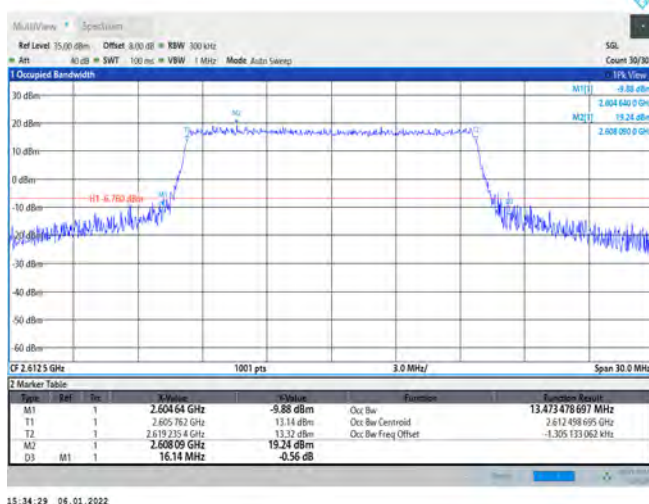


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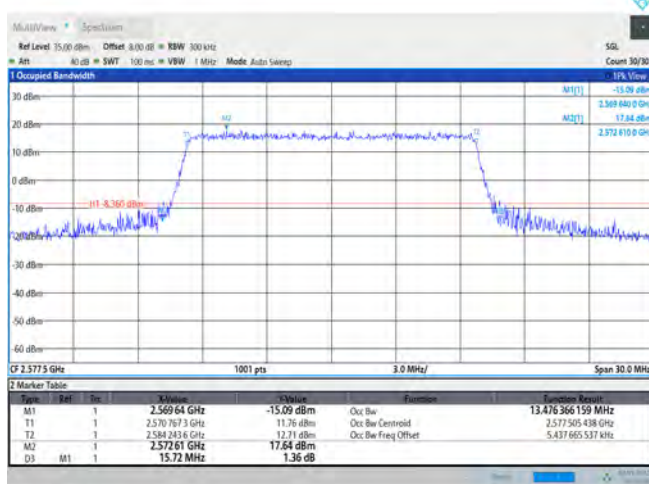
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Band38-15MHz-QPSK-38175-75RB#0



15:34:29 06.01.2022

Band38-15MHz-16QAM-37825-75RB#0



01:39:19 03.01.2022



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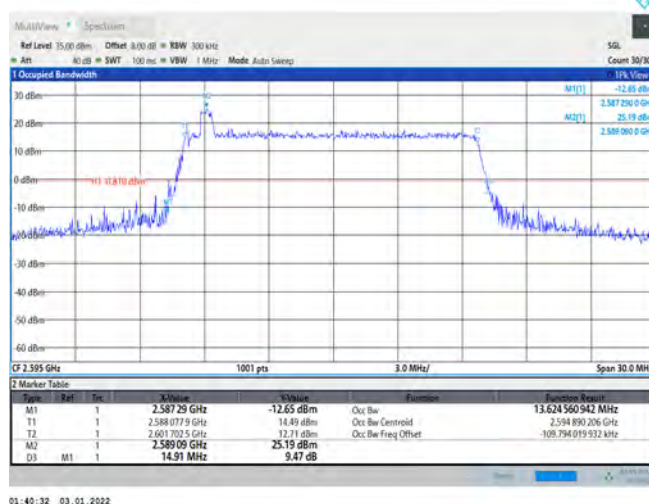
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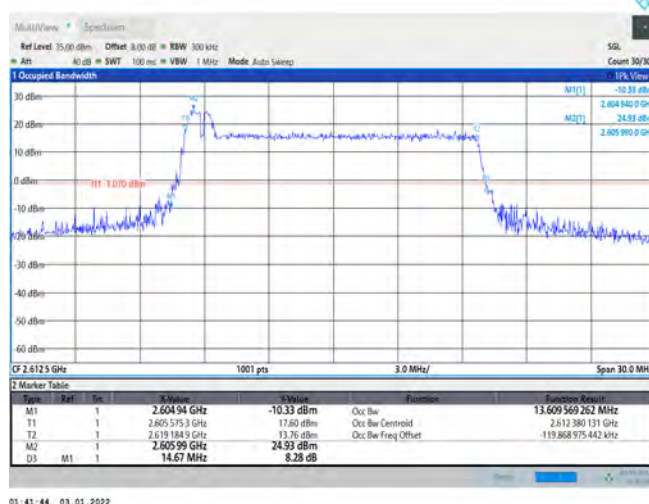
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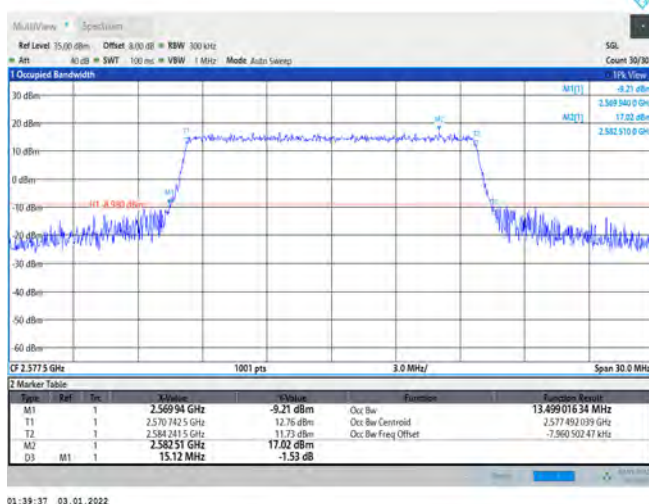
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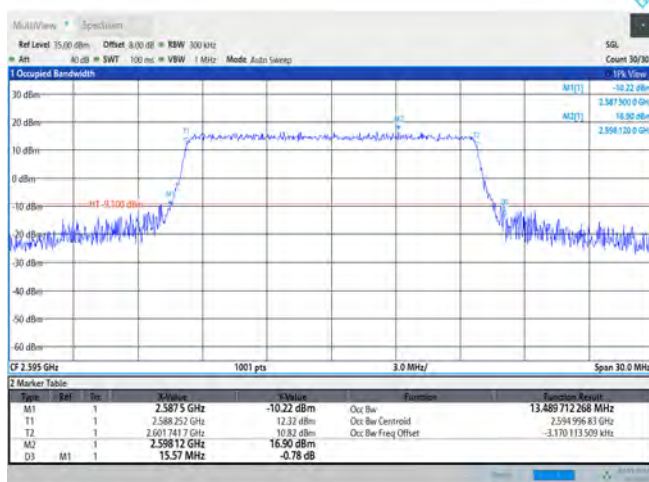
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Band38-15MHz-64QAM-37825-75RB#0



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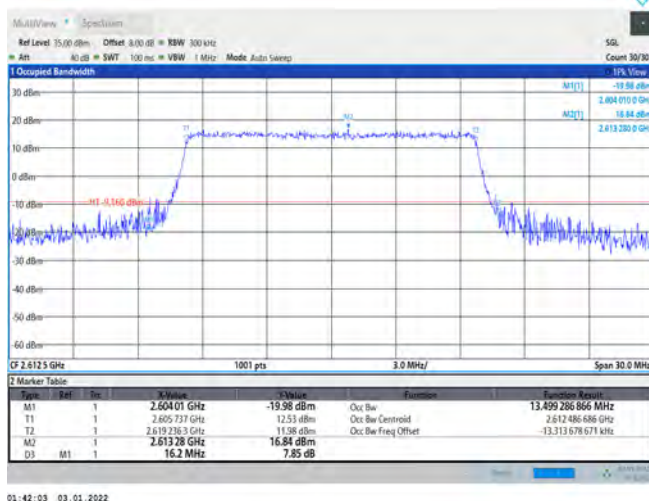
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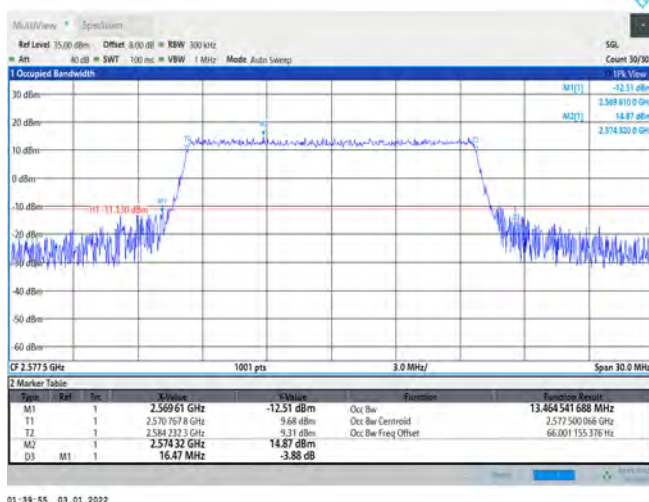
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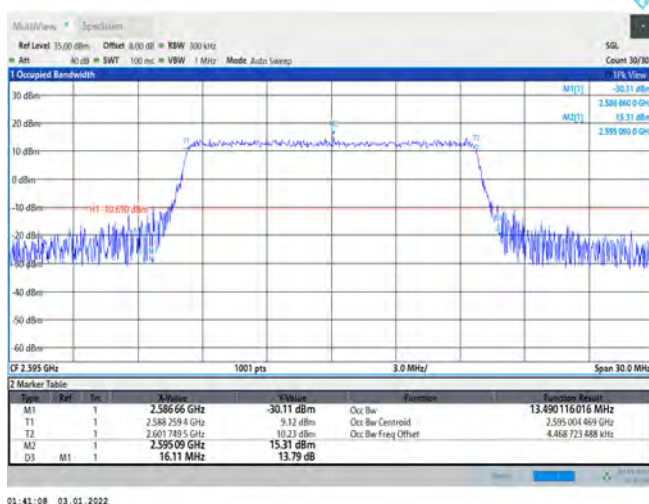


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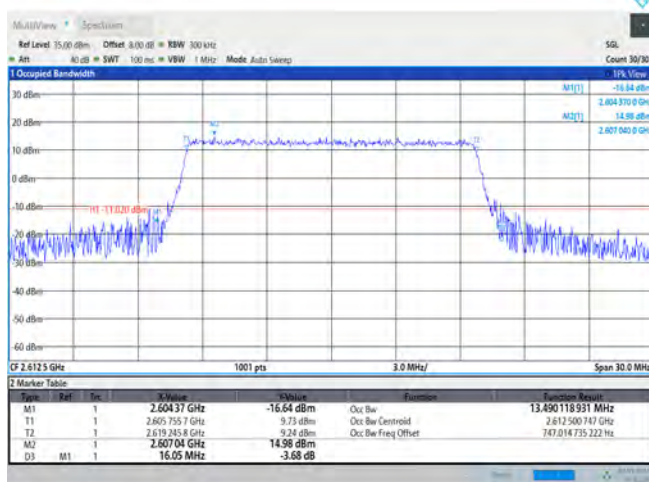
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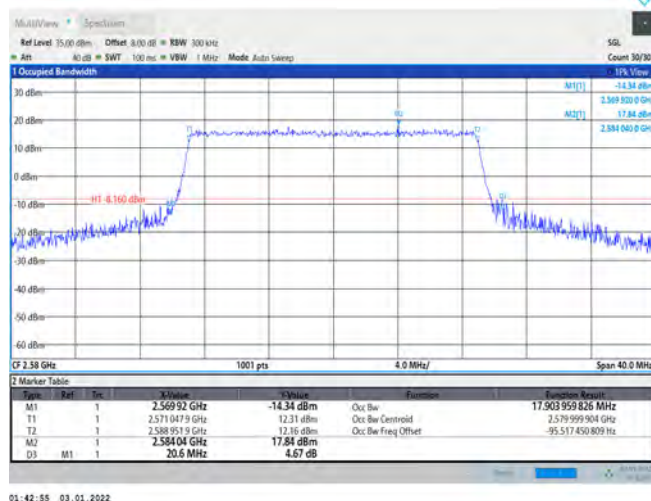
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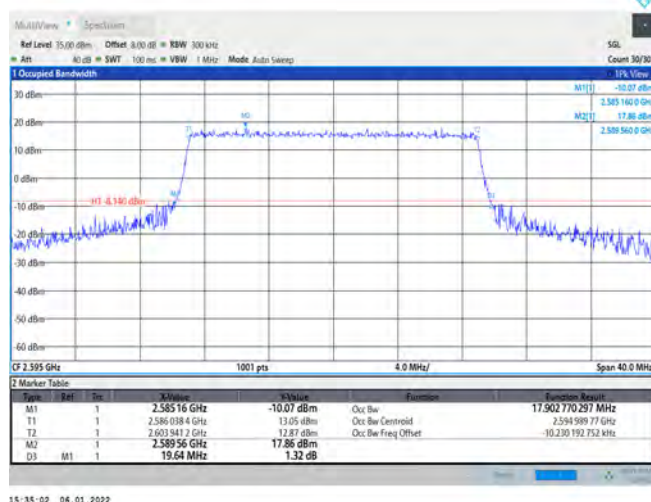
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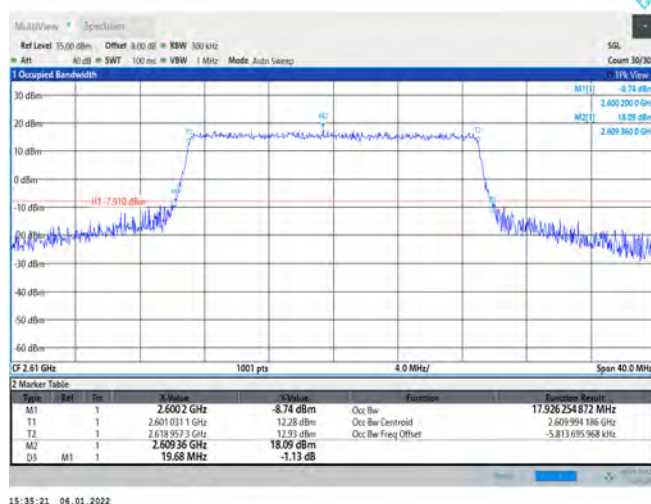
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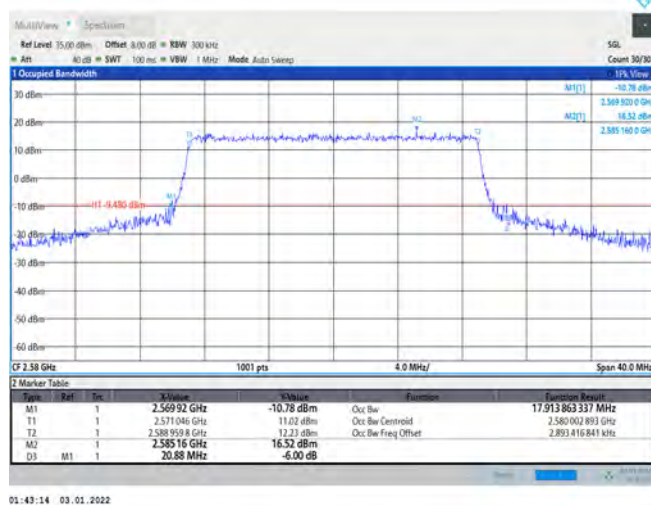
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Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-100RB#0



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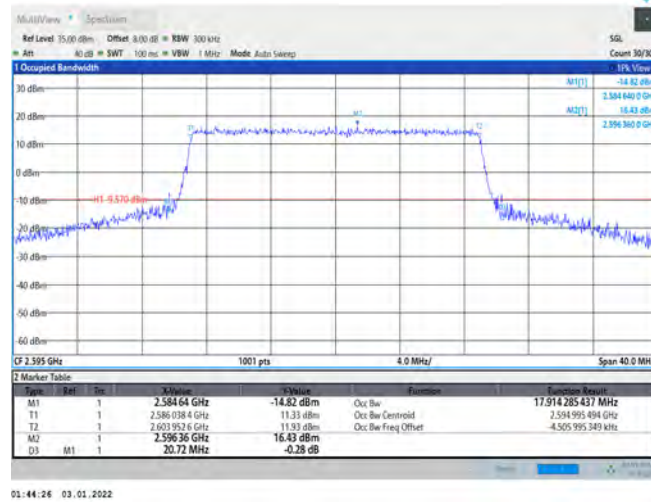
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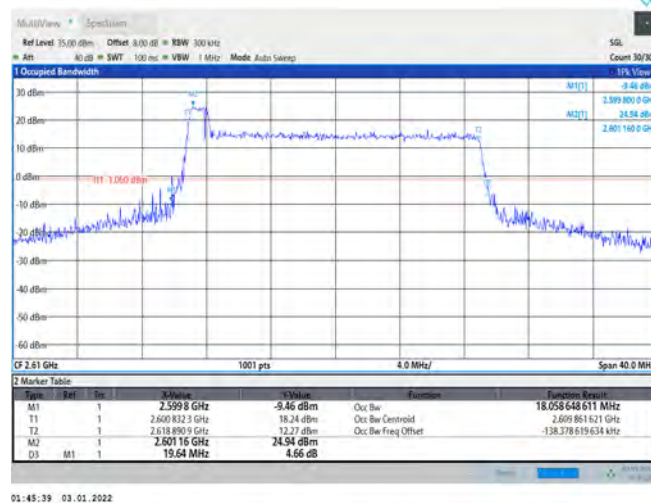
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Band38-20MHz-16QAM-38000-100RB#0



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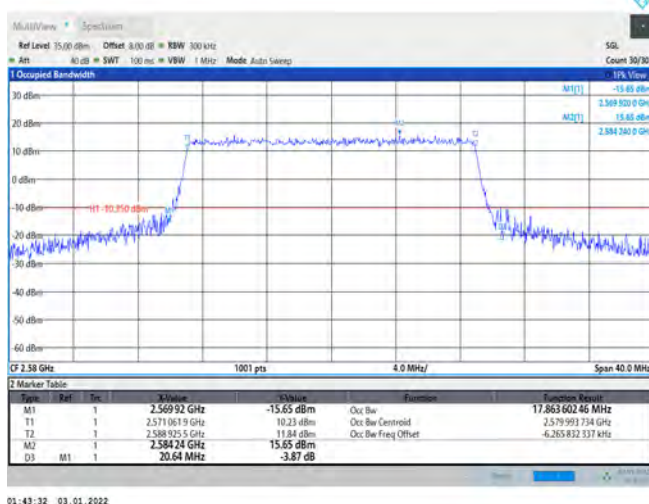
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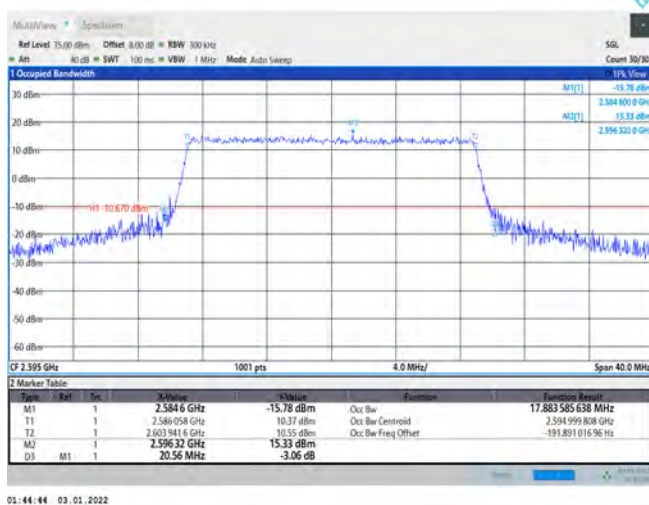
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Band38-20MHz-64QAM-37850-100RB#0



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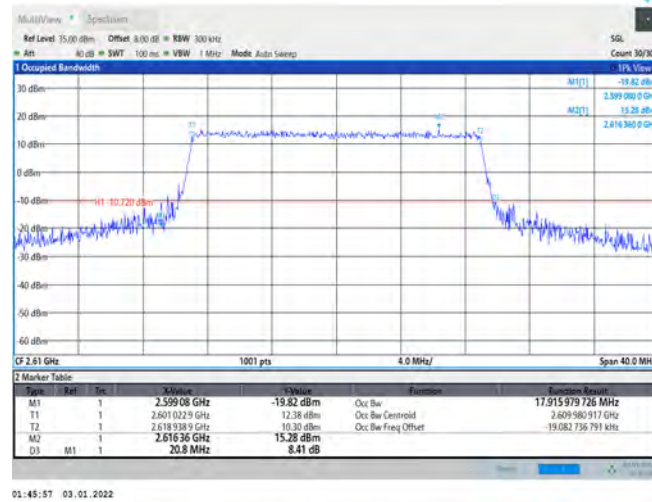
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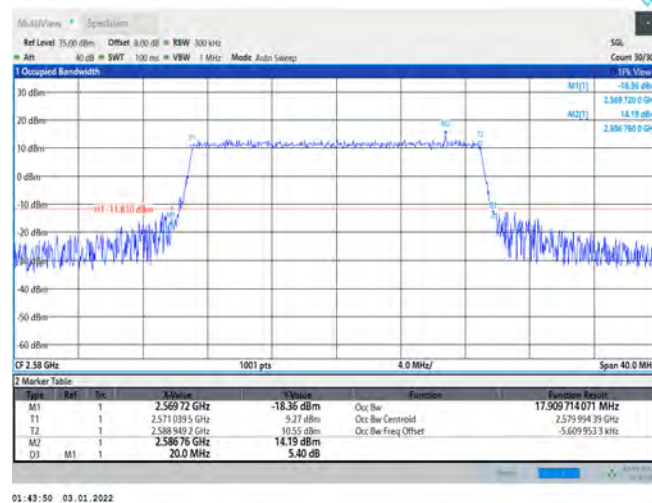
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Band38-20MHz-64QAM-38150-100RB#0



Band38-20MHz-256QAM-37850-100RB#0



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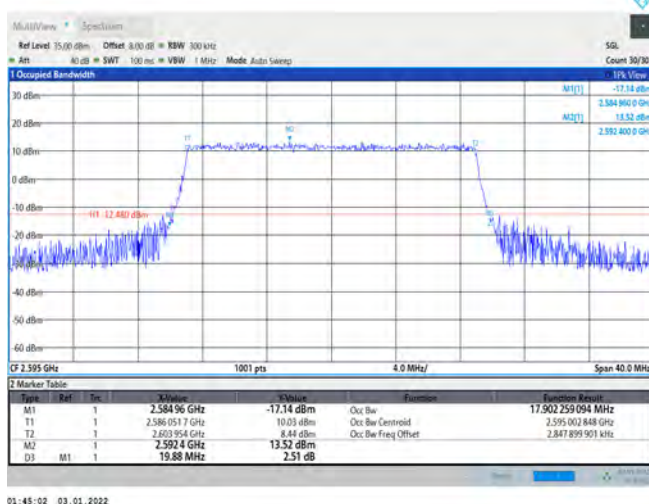
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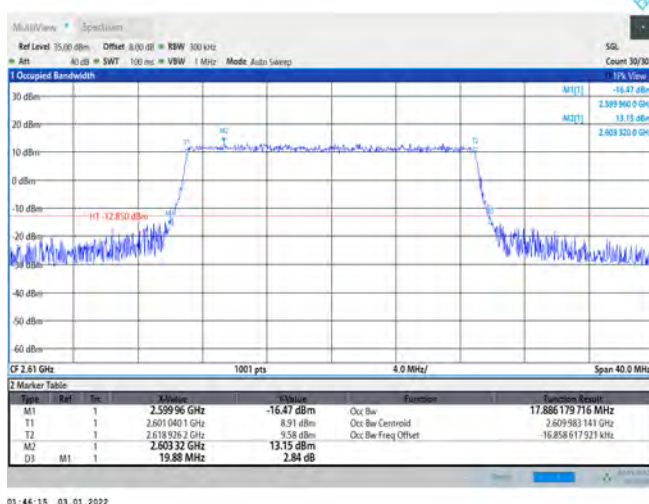
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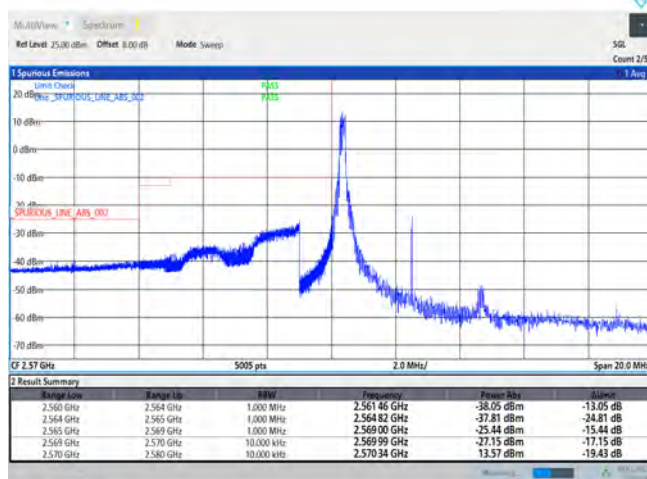
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Band Edge

Test Graphs

Band38-5MHz-QPSK-37775-1RB#0



19:52:55 09.01.2022

Band38-5MHz-QPSK-37775-25RB#0



19:54:47 09.01.2022



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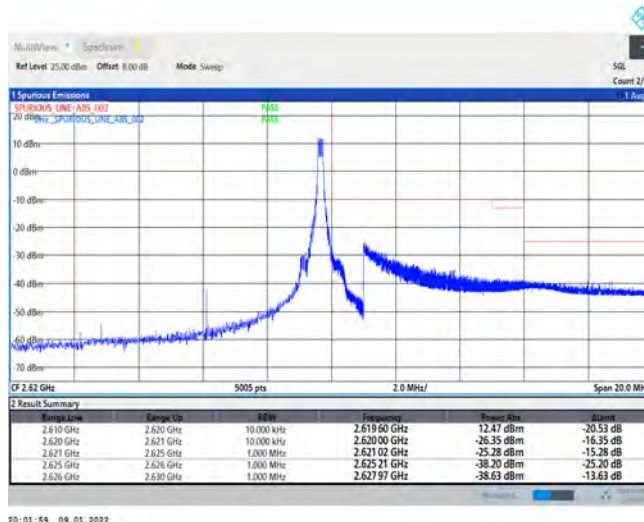
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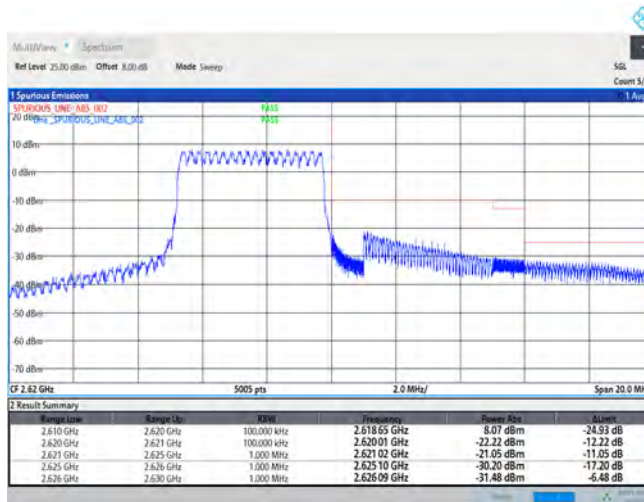
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Band38-5MHz-QPSK-38225-25RB#0



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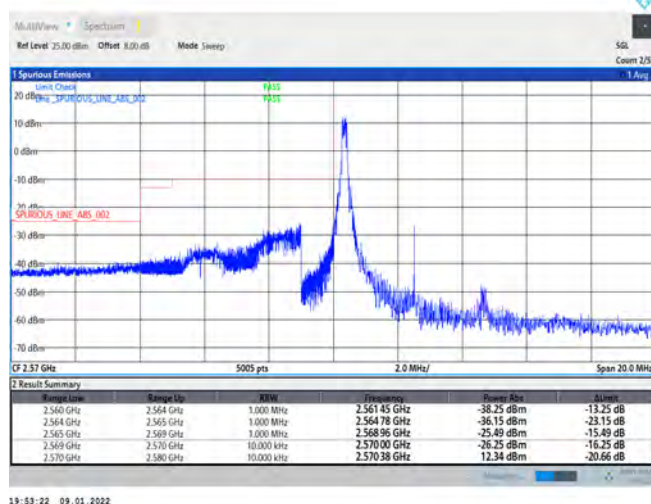
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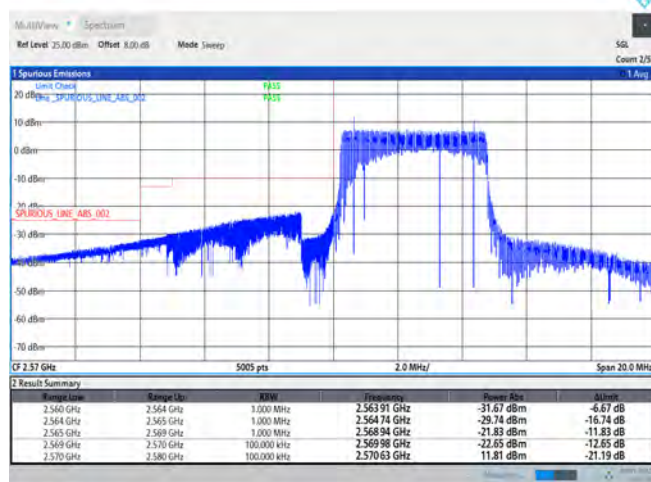
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Band38-5MHz-16QAM-37775-1RB#0



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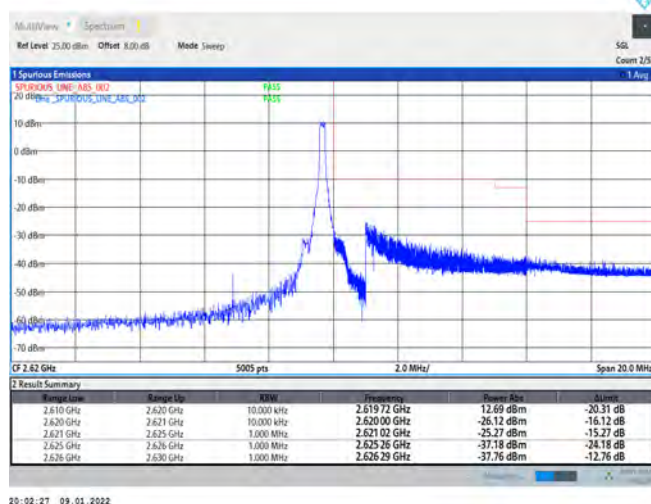
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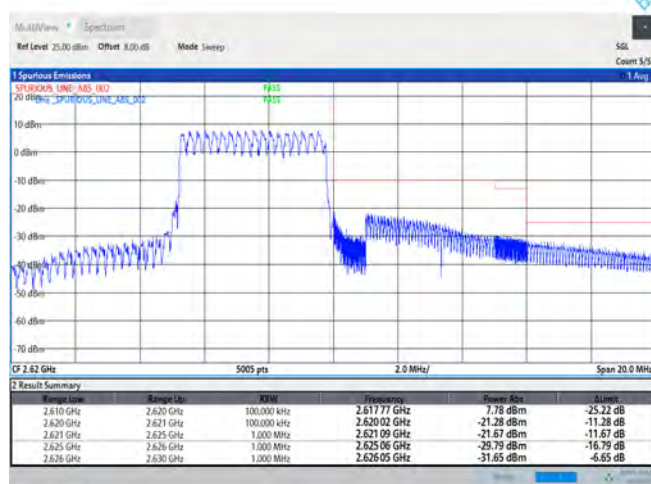
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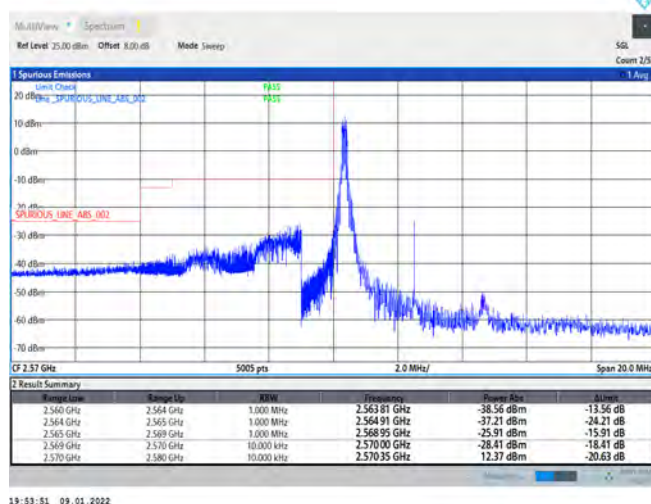
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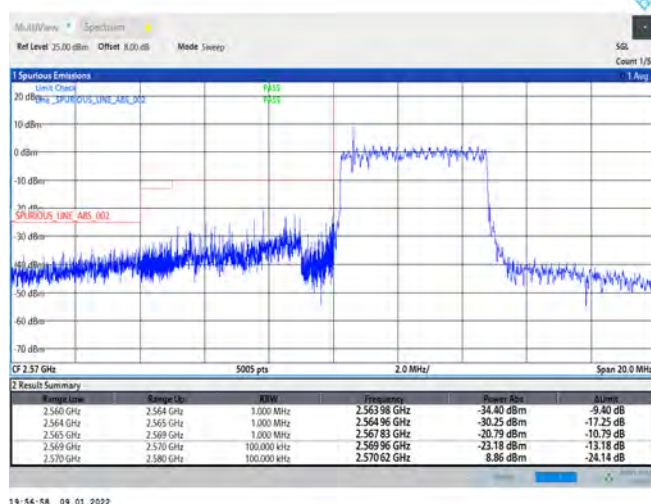
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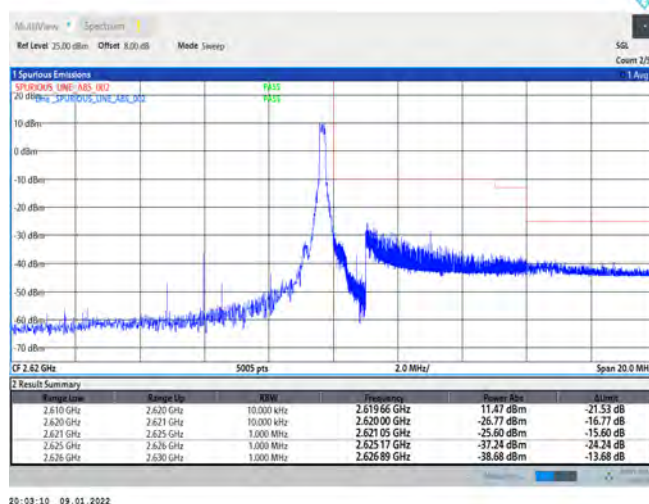
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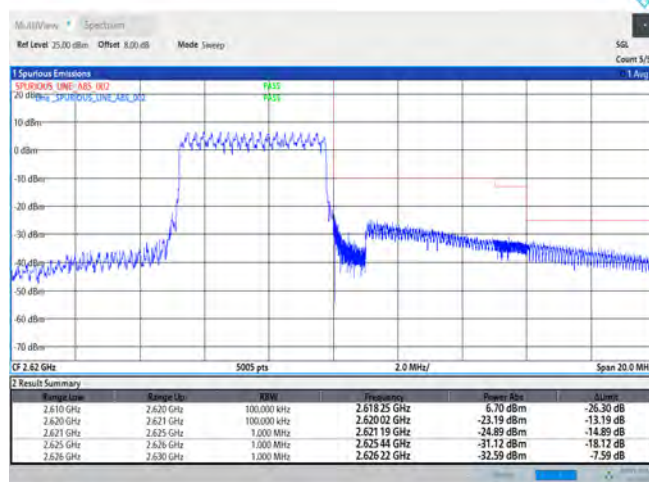
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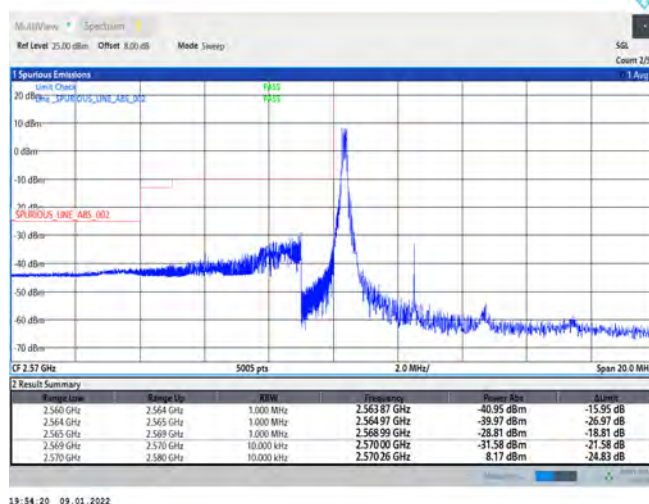
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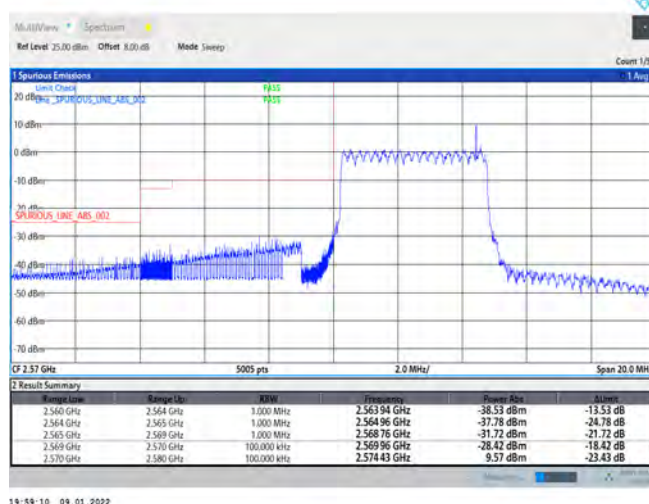
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Band38-5MHz-256QAM-37775-25RB#0



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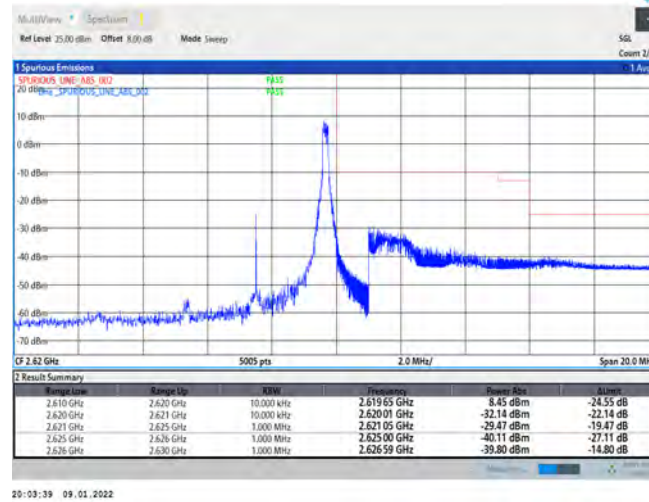
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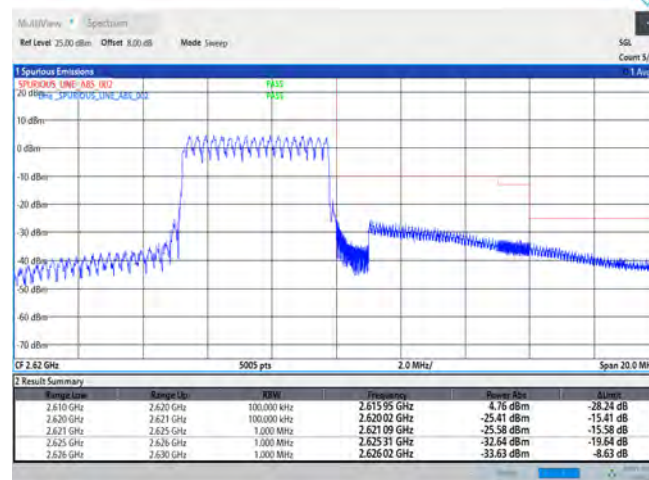
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Band38-5MHz-256QAM-38225-1RB#24



20:09:39 09.01.2022

Band38-5MHz-256QAM-38225-25RB#0



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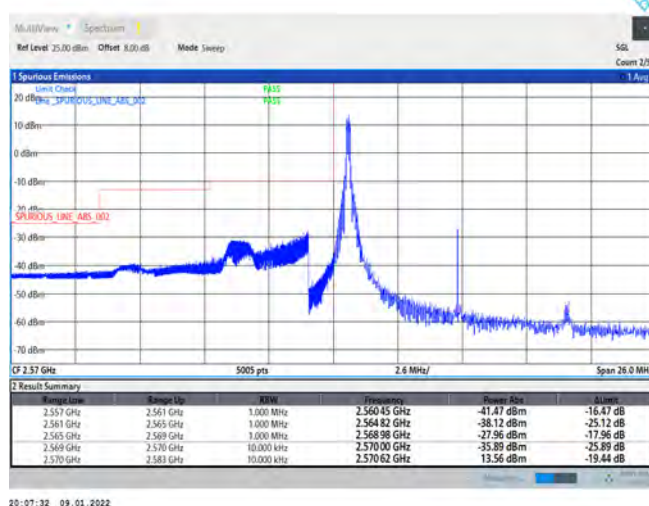
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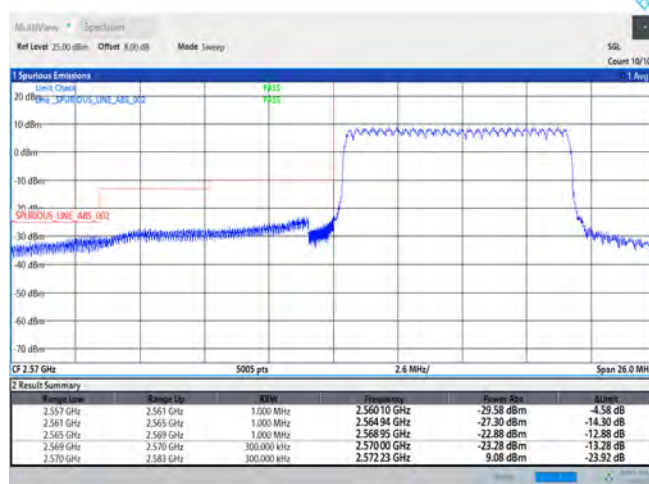
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Band38-10MHz-QPSK-37800-1RB#0



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Band38-10MHz-QPSK-37800-50RB#0



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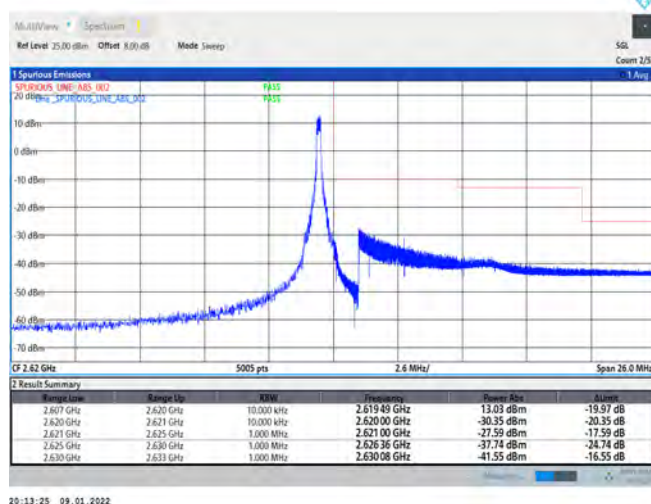
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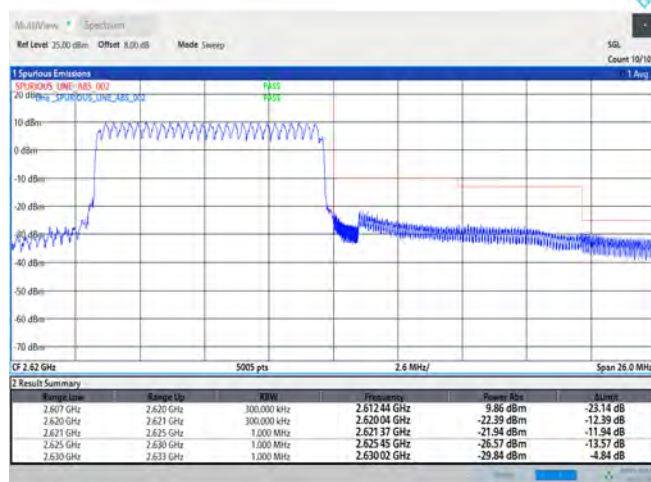
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Band38-10MHz-QPSK-38200-1RB#49



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Band38-10MHz-QPSK-38200-50RB#0



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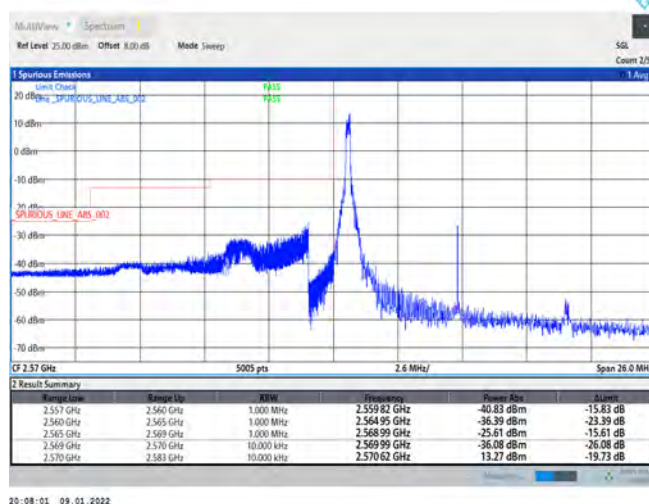
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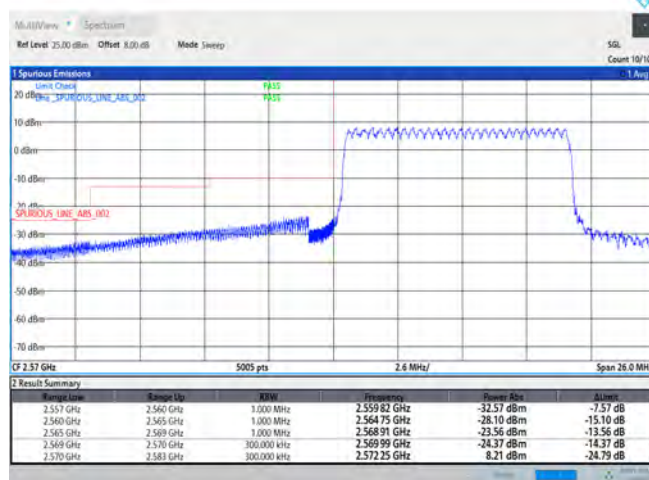
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Band38-10MHz-16QAM-37800-1RB#0



20-08-01 09:01:2022

Band38-10MHz-16QAM-37800-50RB#0



20-09-52 09:01:2022



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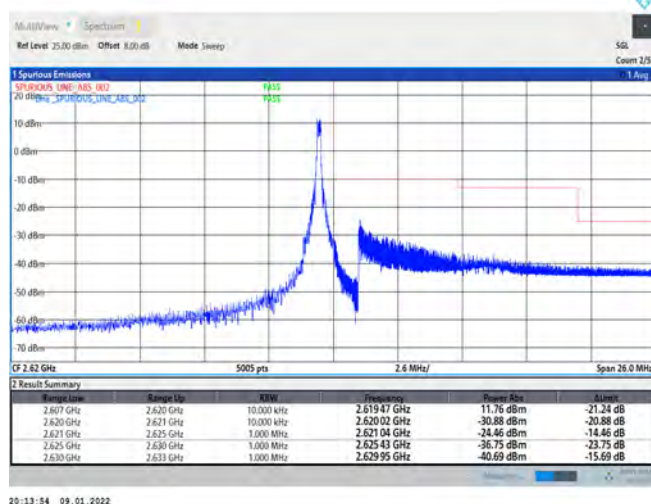
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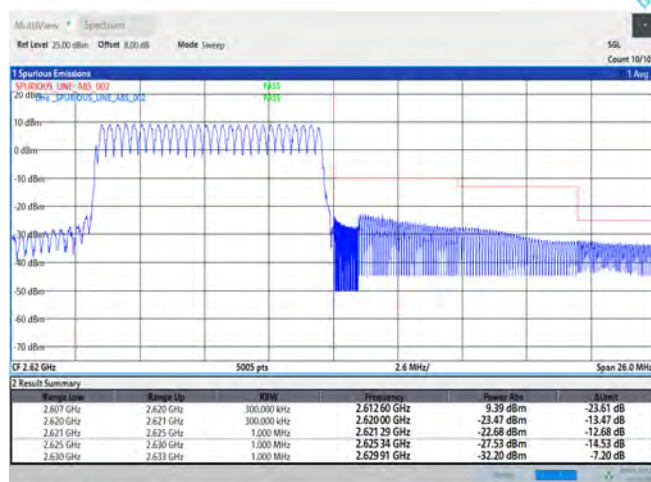
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Band38-10MHz-16QAM-38200-1RB#49



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Band38-10MHz-16QAM-38200-50RB#0



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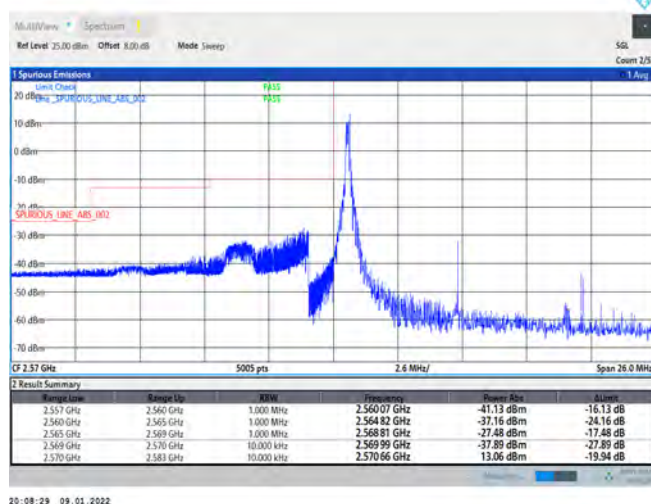
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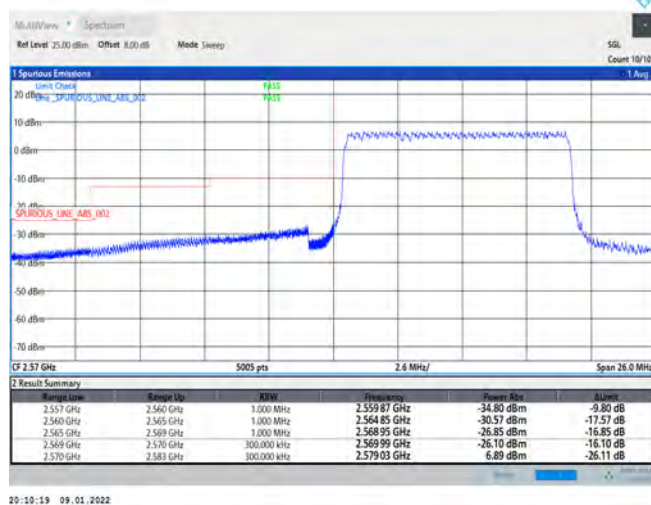
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Band38-10MHz-64QAM-37800-1RB#0



Band38-10MHz-64QAM-37800-50RB#0



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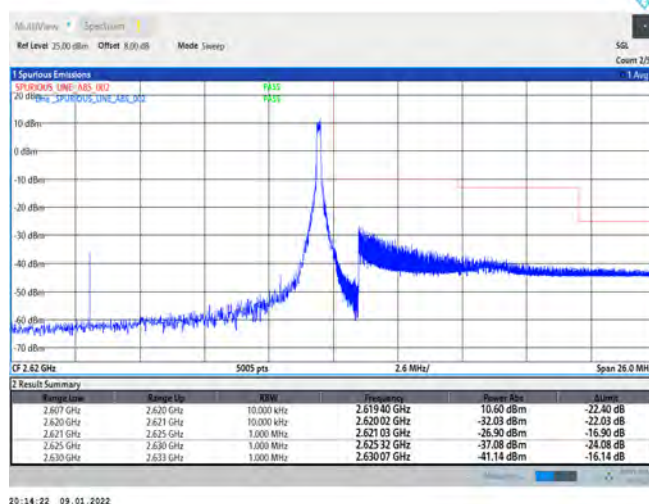
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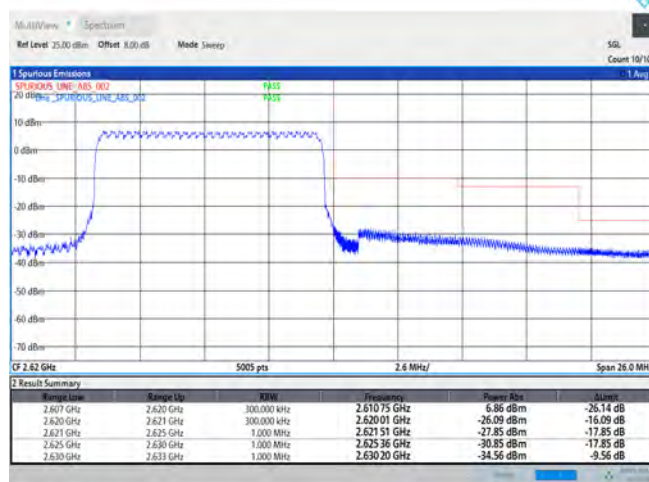
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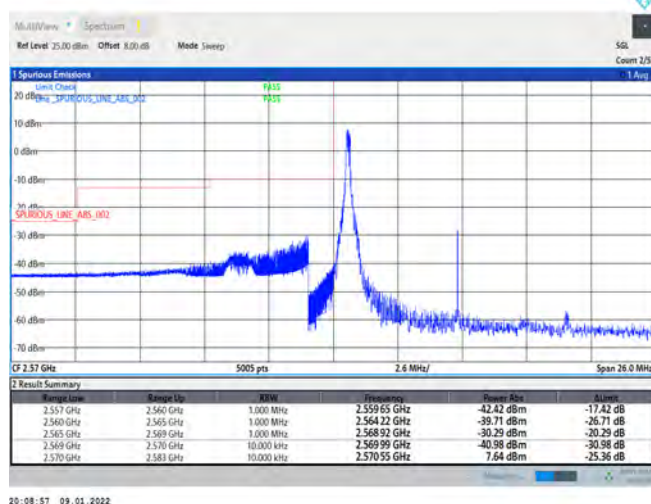
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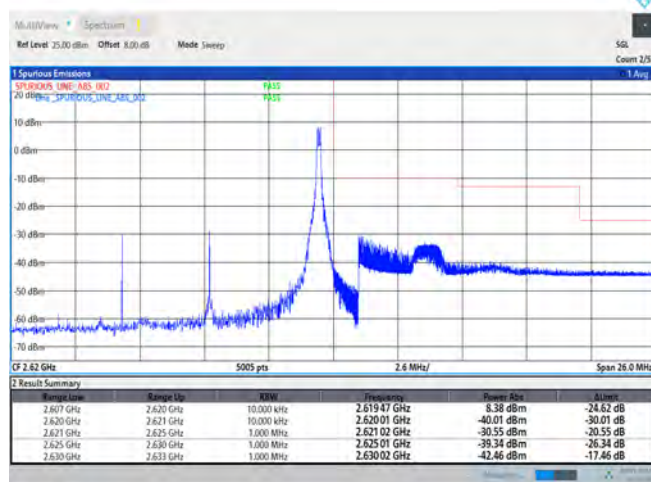
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Band38-10MHz-256QAM-37800-1RB#0



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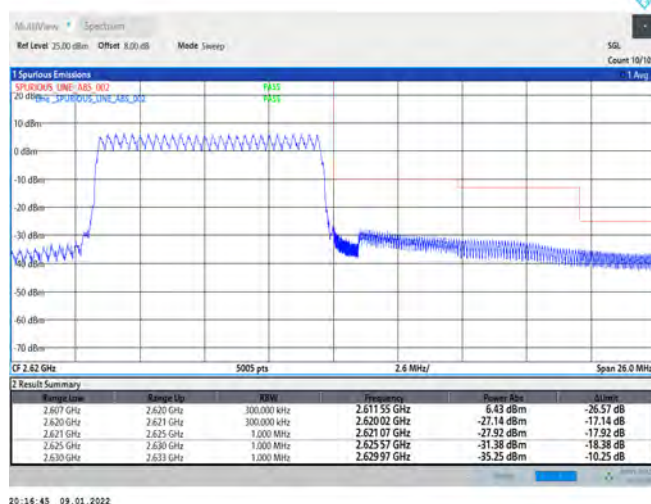
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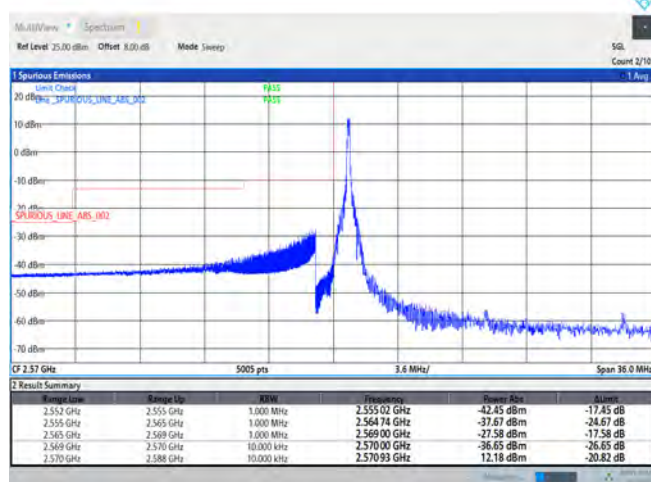
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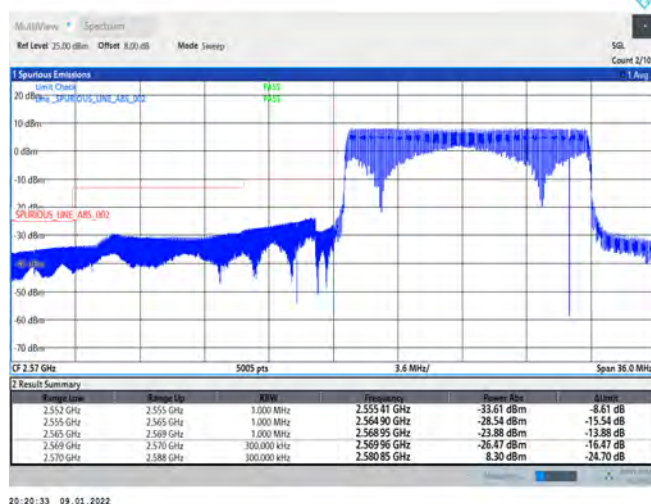
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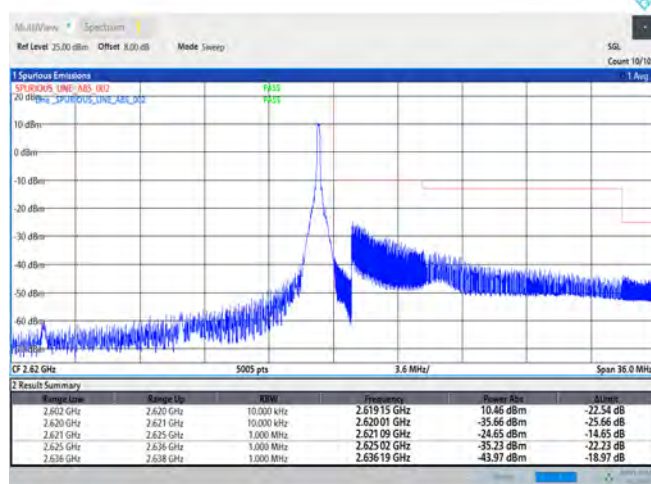
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Band38-15MHz-QPSK-37825-75RB#0



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Band38-15MHz-QPSK-38175-1RB#74



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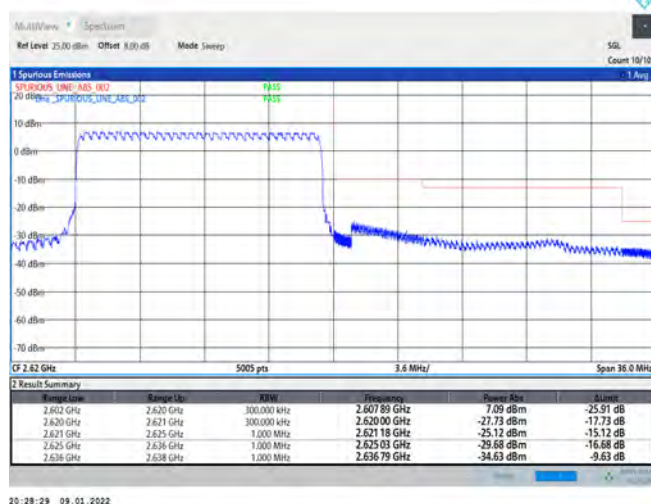
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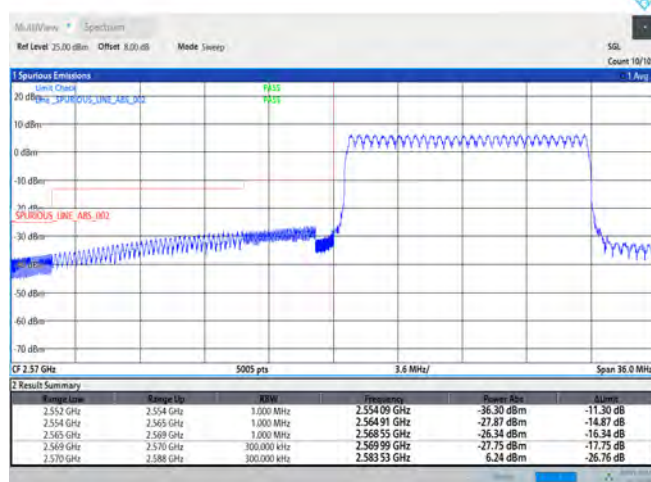
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Band38-15MHz-16QAM-37825-75RB#0



20-22-00 09.01.2022



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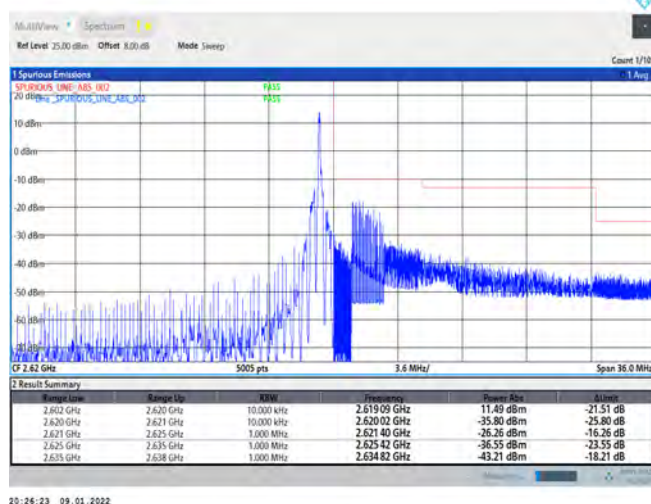
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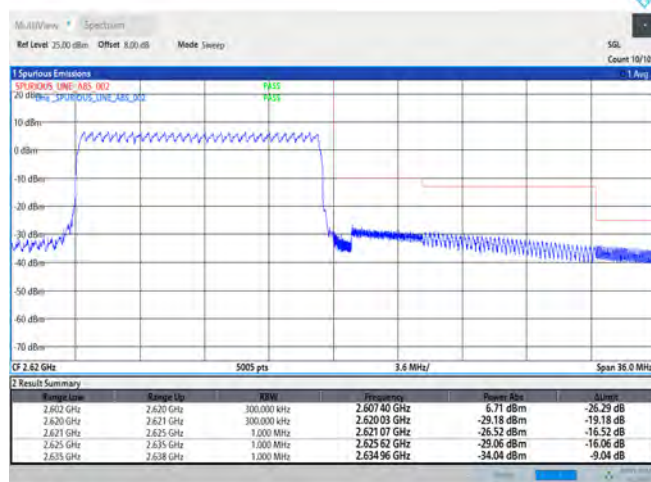
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Band38-15MHz-16QAM-38175-1RB#74



20:26:23 09.01.2022

Band38-15MHz-16QAM-38175-75RB#0



20:28:56 09.01.2022



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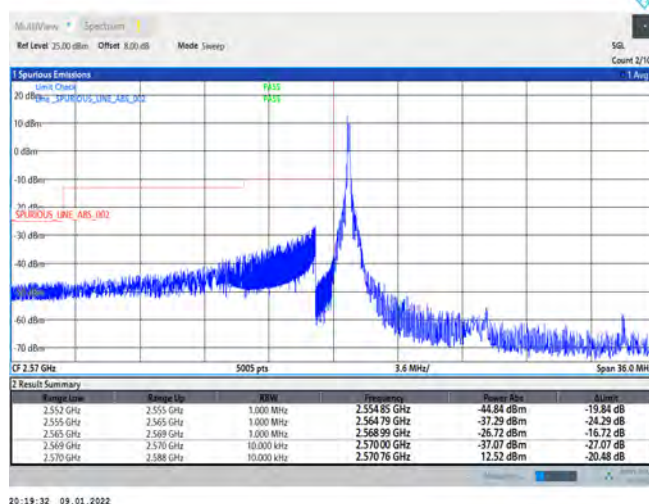
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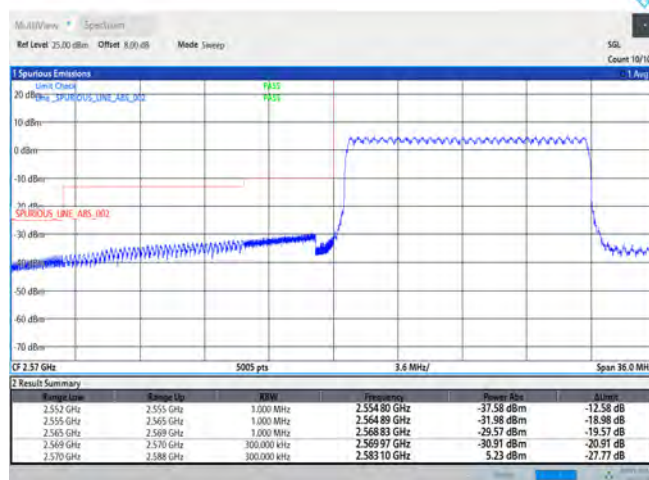
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Band38-15MHz-64QAM-37825-1RB#0



20:19:32 09.01.2022

Band38-15MHz-64QAM-37825-75RB#0



20:22:27 09.01.2022



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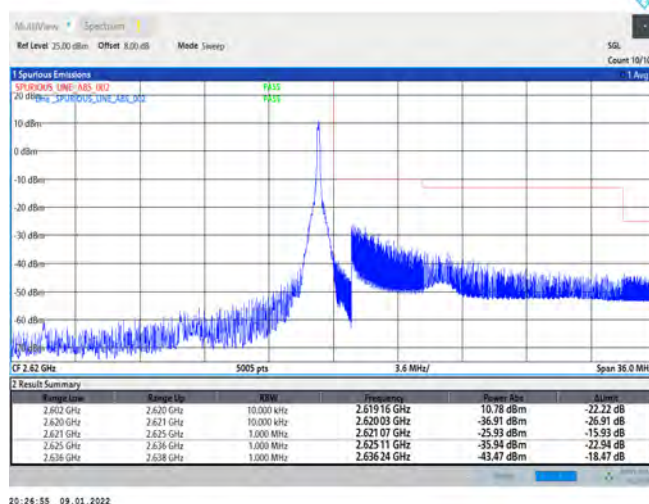
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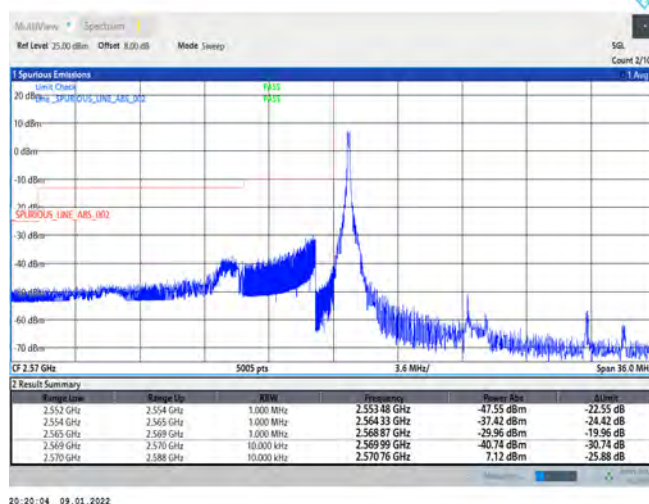
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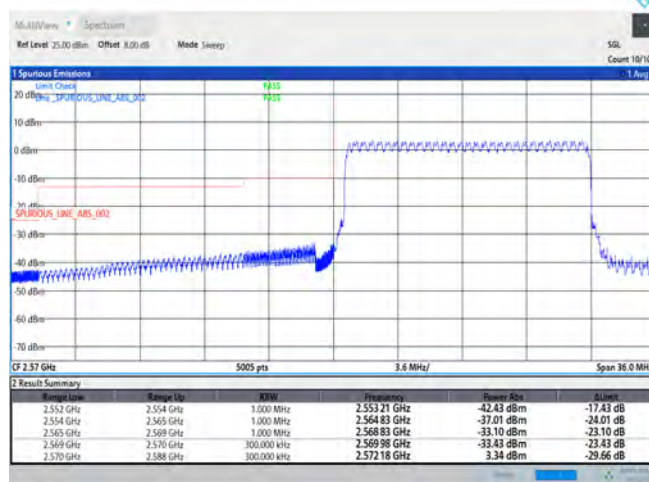
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Band38-15MHz-256QAM-37825-1RB#0



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Band38-15MHz-256QAM-37825-75RB#0



20:22:53 09.01.2022



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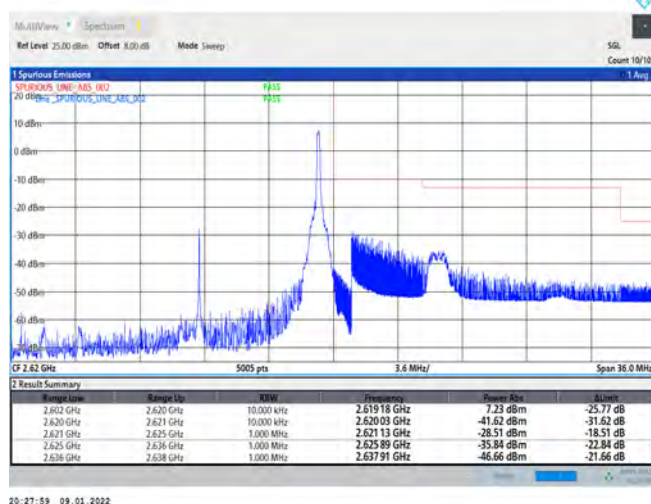
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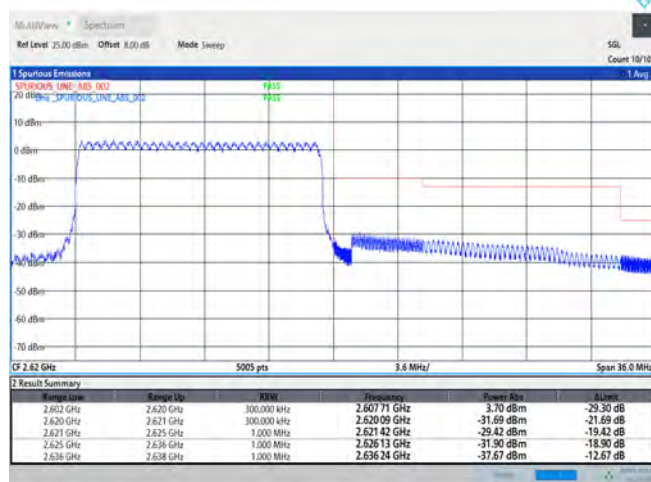
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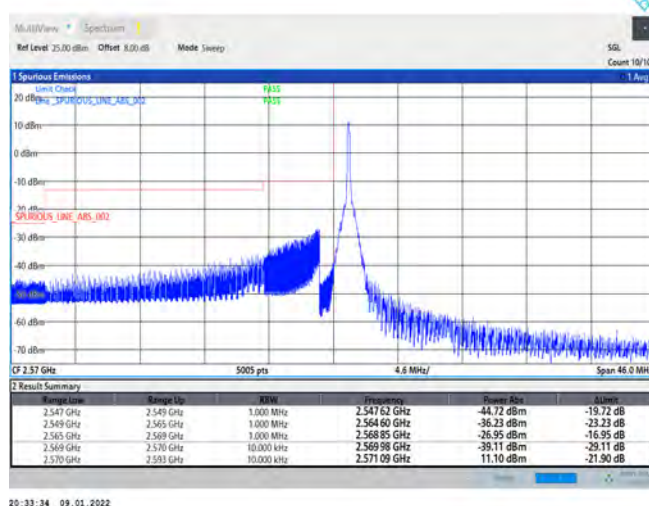
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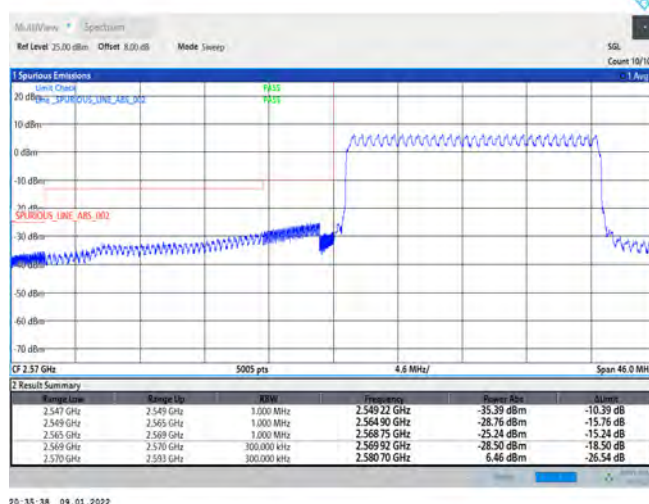
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Band38-20MHz-QPSK-37850-1RB#0



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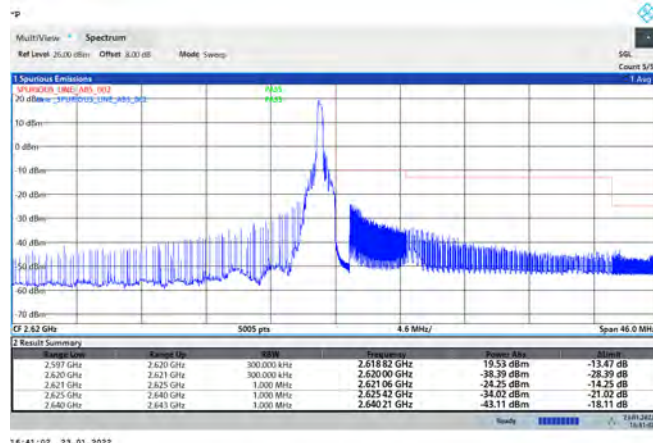
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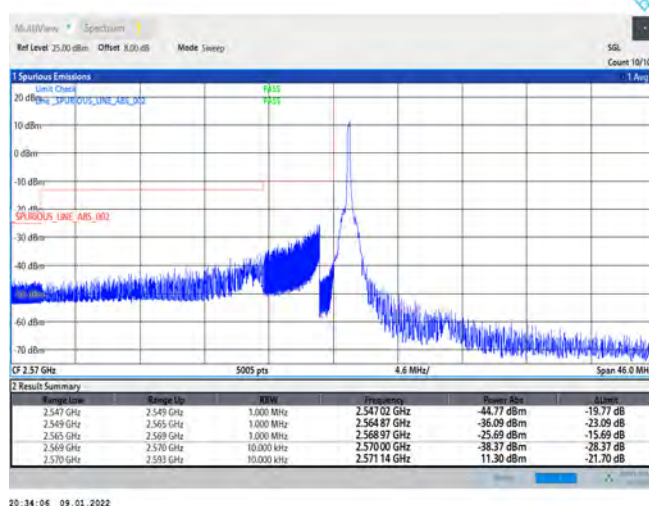
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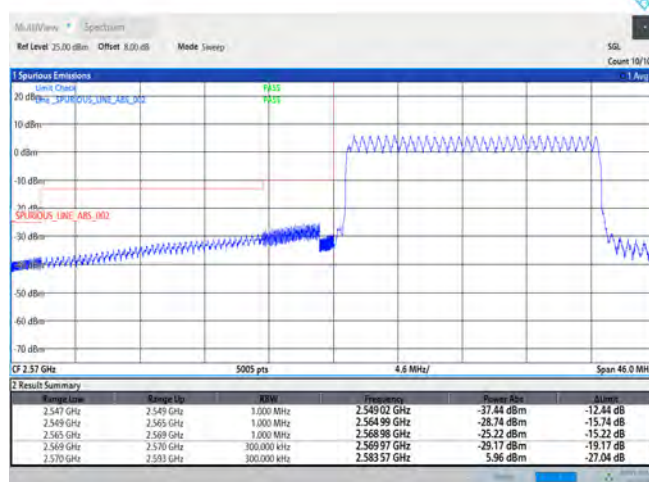
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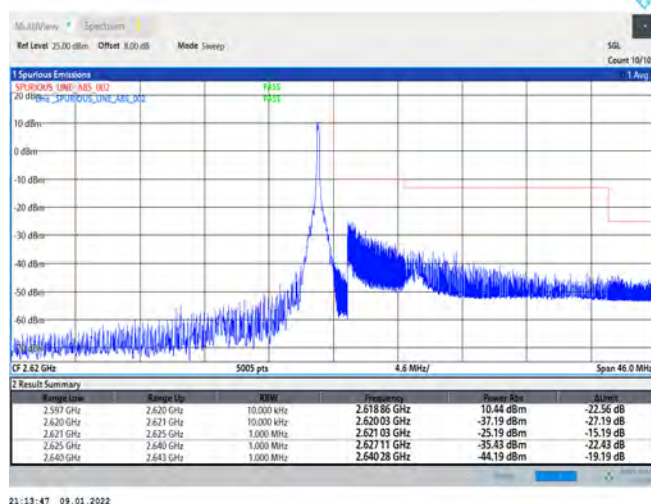
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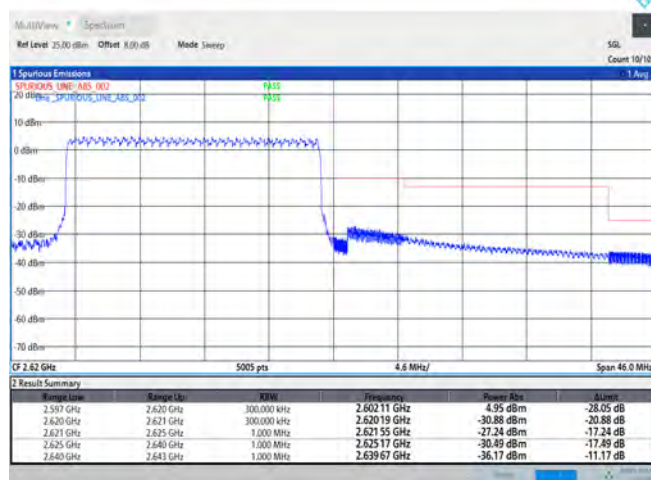
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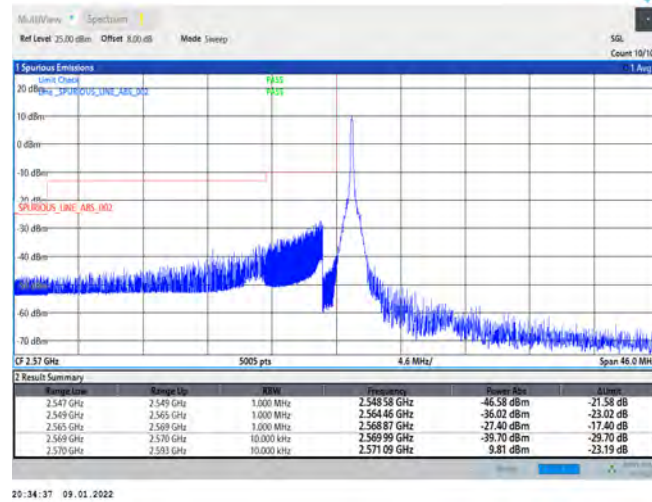
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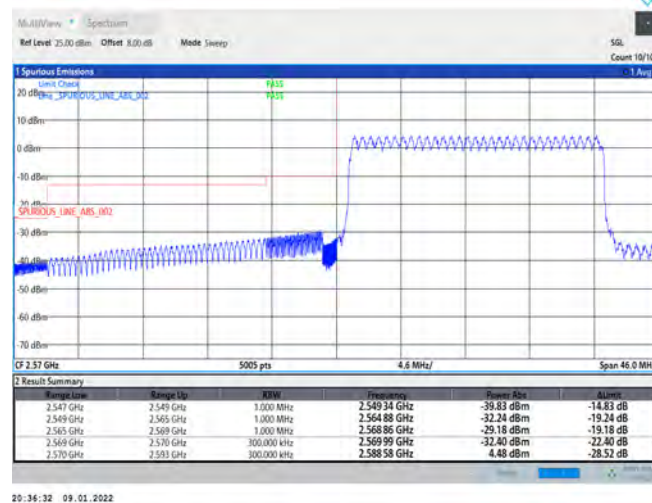
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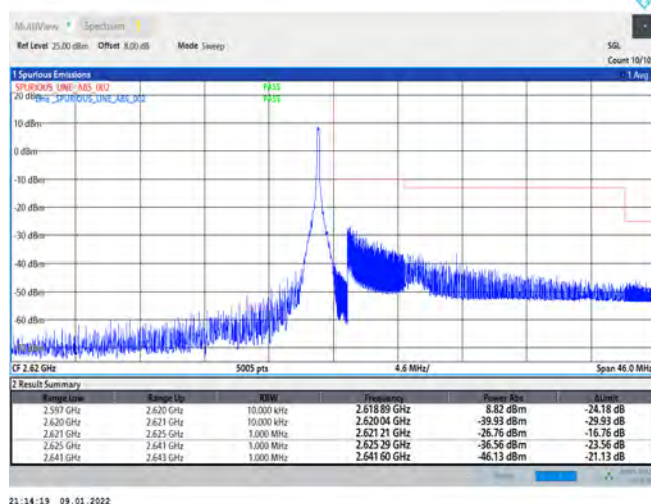


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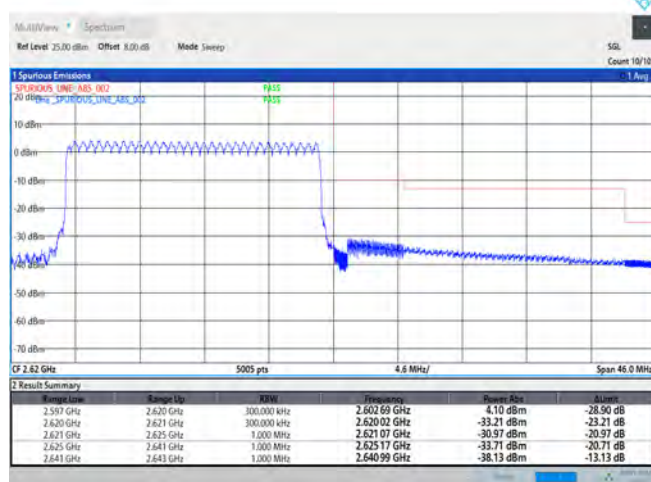
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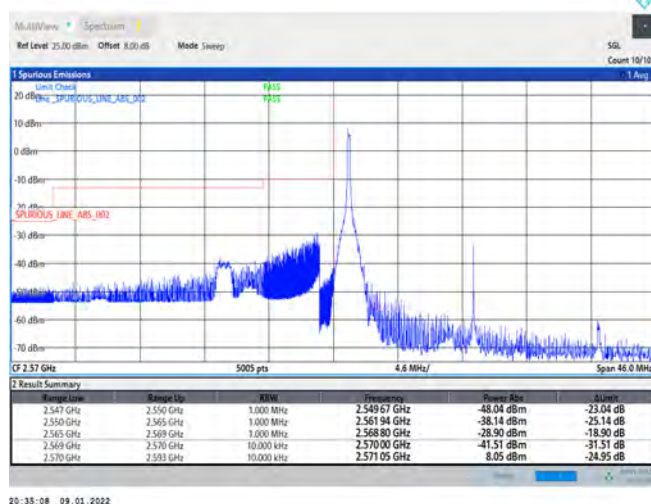
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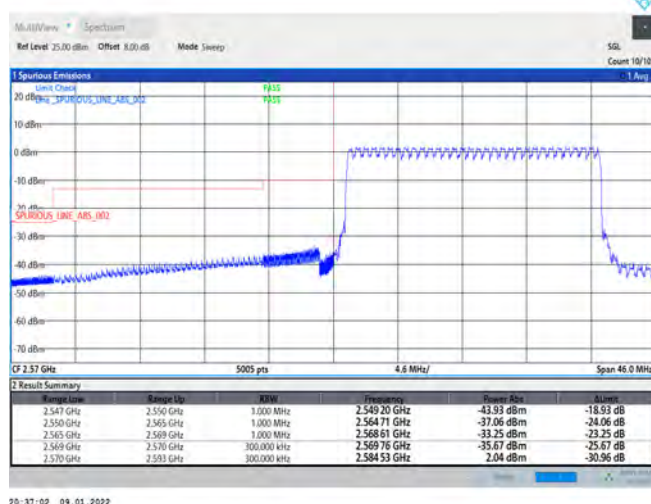
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Band38-20MHz-256QAM-37850-1RB#0



Band38-20MHz-256QAM-37850-100RB#0



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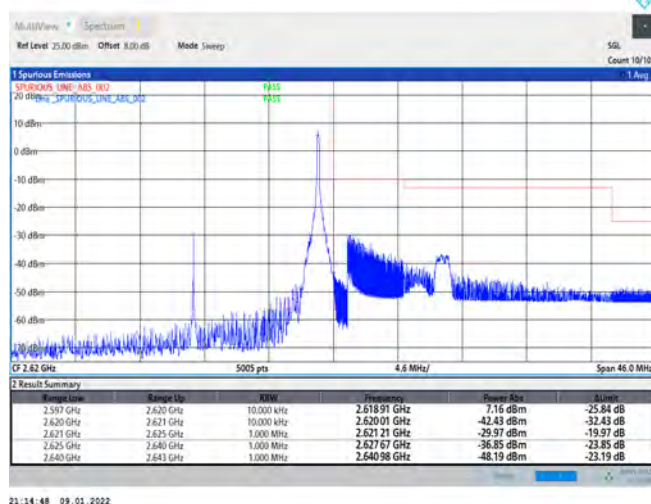
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21:14:48 09.01.2022

Band38-20MHz-256QAM-38150-100RB#0



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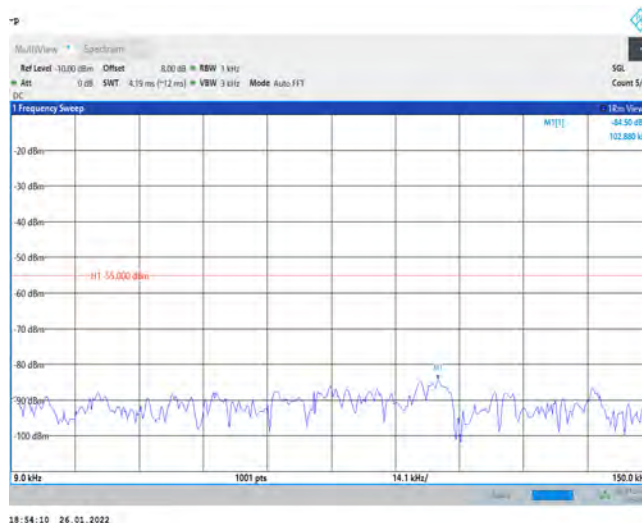
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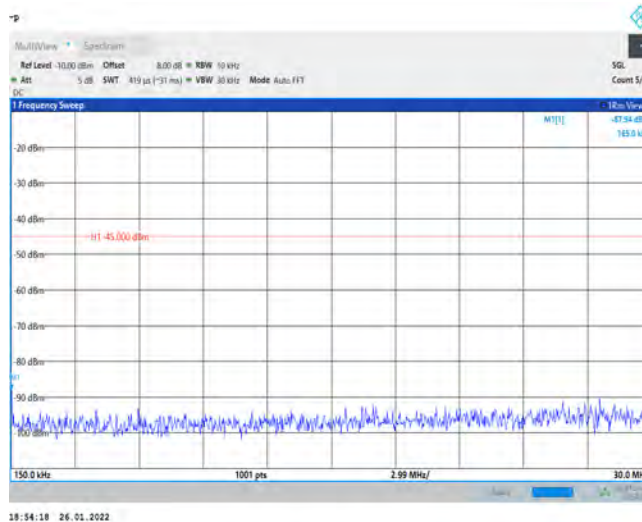
Conducted Spurious Emission

Test Graphs

Band38-20MHz-QPSK-37850-1RB#0-Range1:0.009~0.15MHz



Band38-20MHz-QPSK-37850-1RB#0-Range2:0.15~30MHz



Band38-20MHz-QPSK-37850-1RB#0-Range3:30~1000MHz



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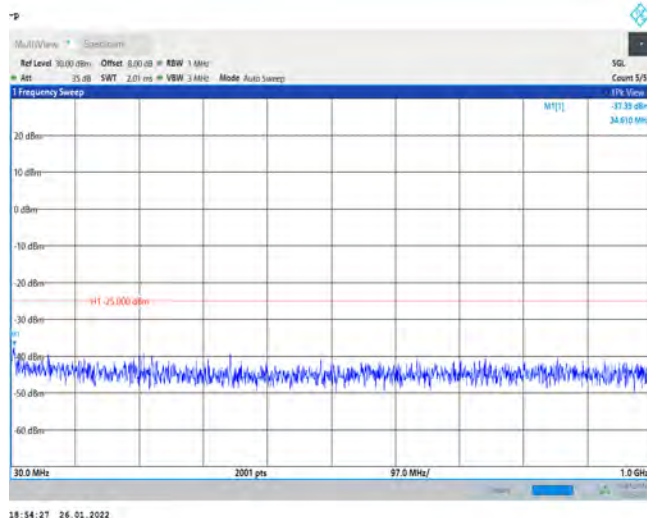
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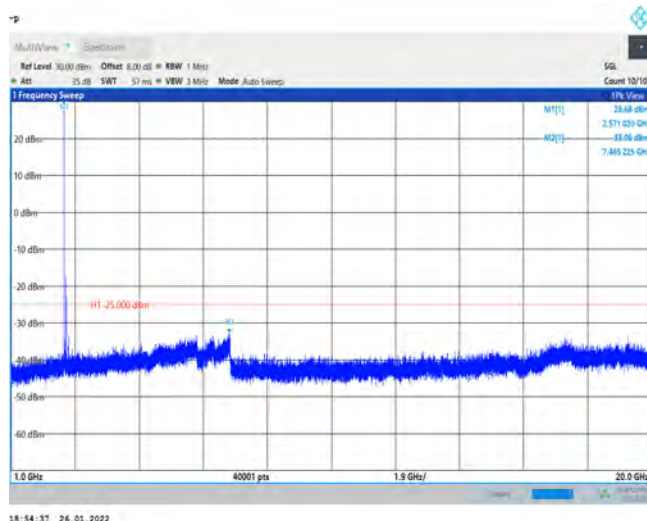
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Band38-20MHz-QPSK-37850-1RB#0-Range4:1000~20000MHz



Band38-20MHz-QPSK-37850-1RB#0-Range5:20000~27000MHz



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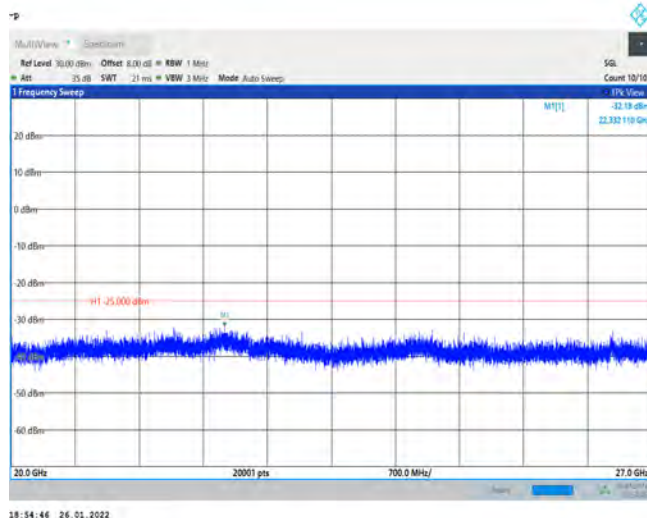
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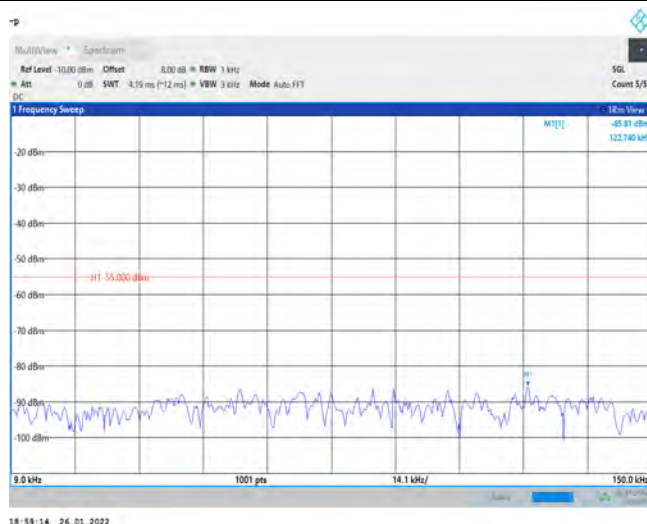
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Band38-20MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz



Band38-20MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz



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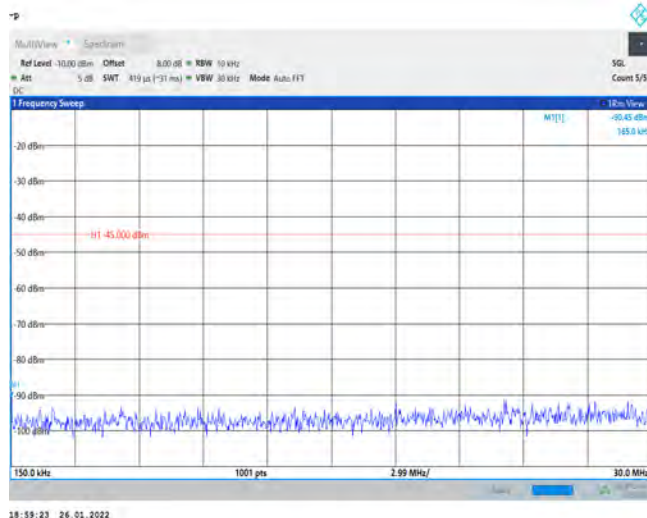
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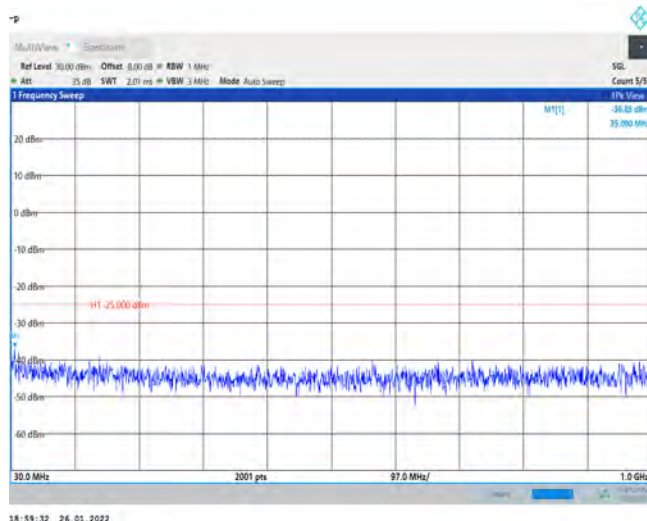
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Band38-20MHz-QPSK-38000-1RB#0-Range3:30~1000MHz



Band38-20MHz-QPSK-38000-1RB#0-Range4:1000~20000MHz



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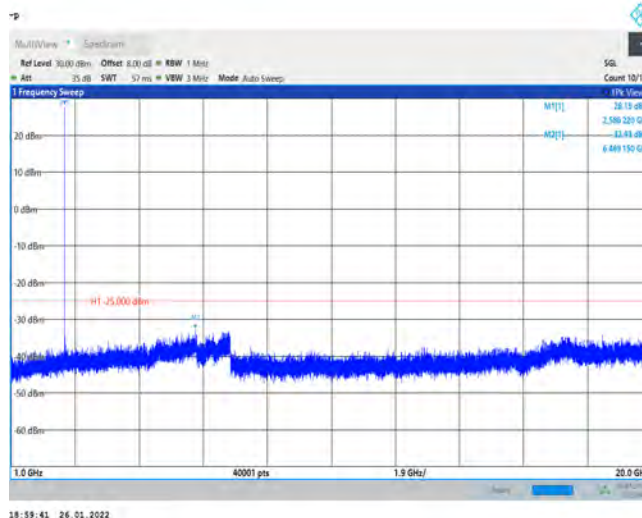
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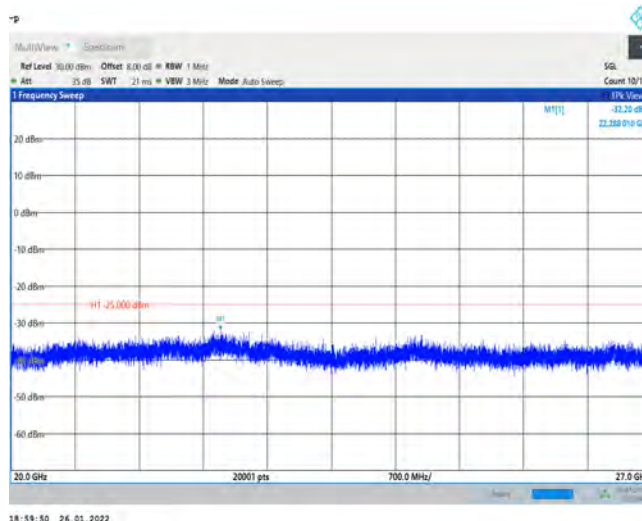
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Band38-20MHz-QPSK-38000-1RB#0-Range5:20000~27000MHz



Band38-20MHz-QPSK-38150-1RB#0-Range1:0.009~0.15MHz



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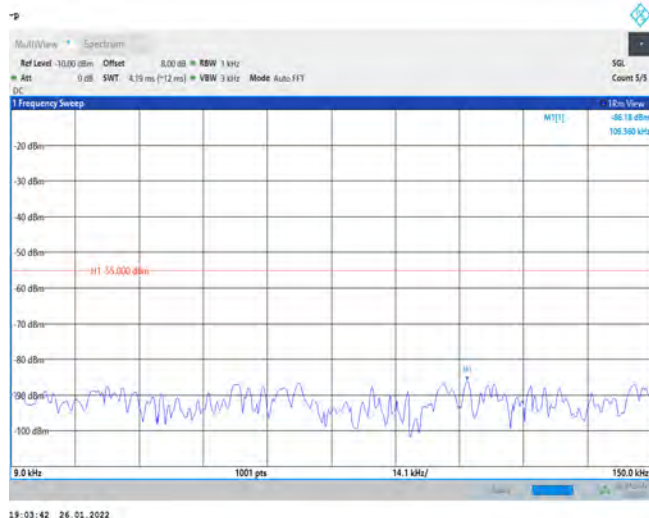
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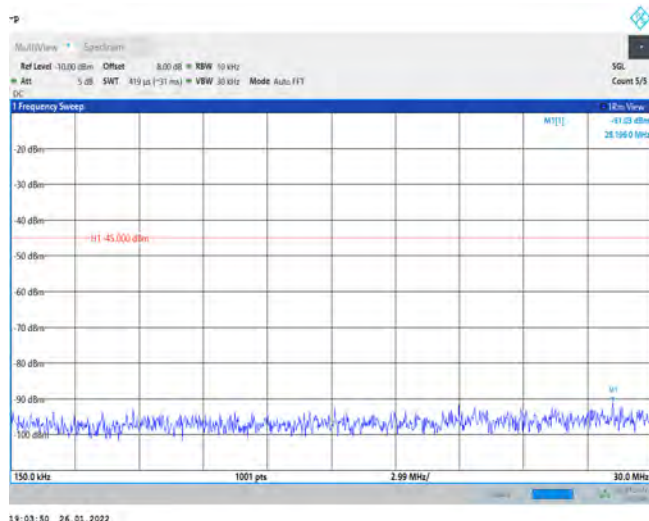
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Band38-20MHz-QPSK-38150-1RB#0-Range2:0.15~30MHz



Band38-20MHz-QPSK-38150-1RB#0-Range3:30~1000MHz



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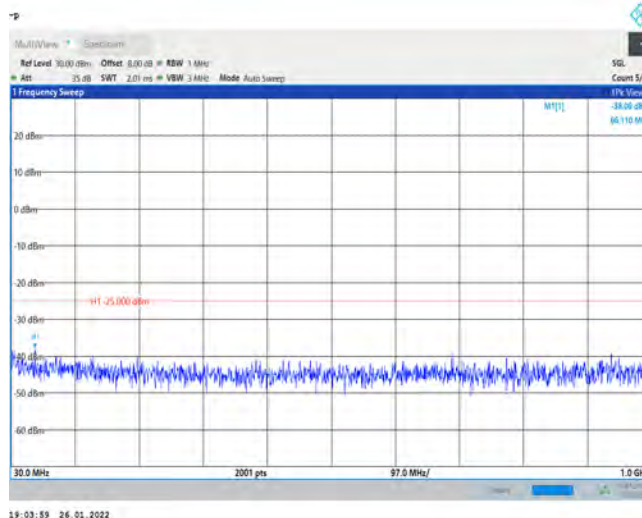
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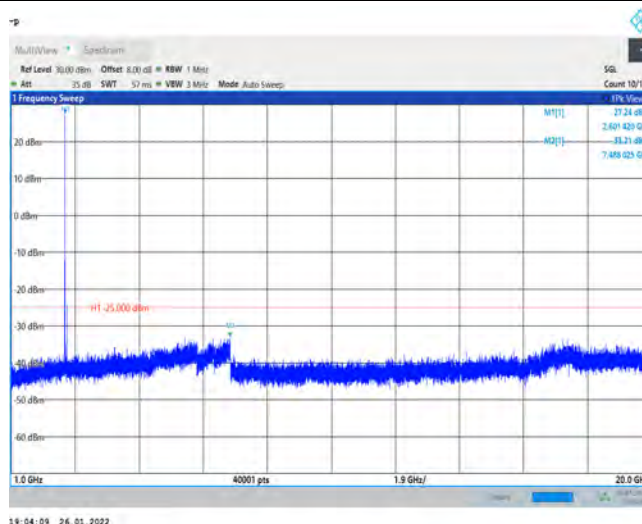
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Band38-20MHz-QPSK-38150-1RB#0-Range4:1000~20000MHz



Band38-20MHz-QPSK-38150-1RB#0-Range5:20000~27000MHz



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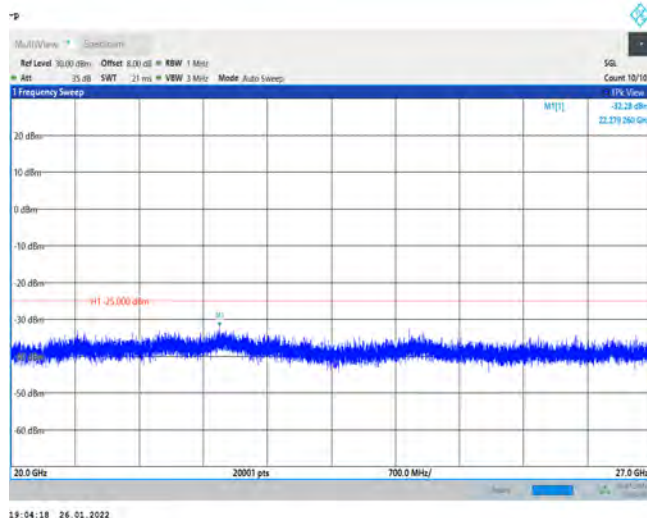
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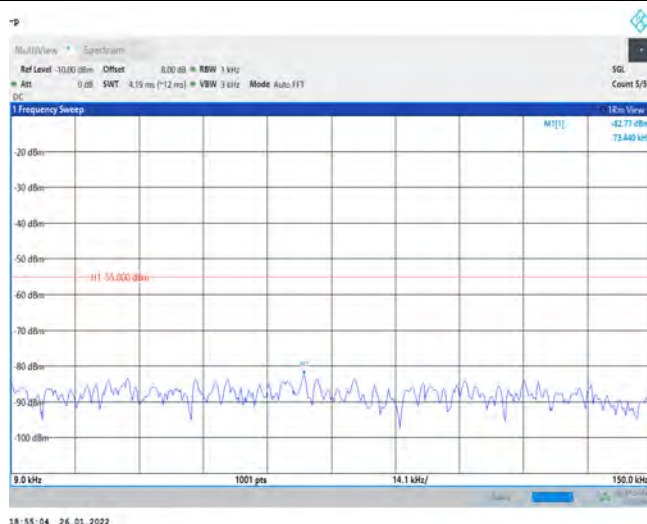
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Band38-20MHz-16QAM-37850-1RB#0-Range1:0.009~0.15MHz



Band38-20MHz-16QAM-37850-1RB#0-Range2:0.15~30MHz



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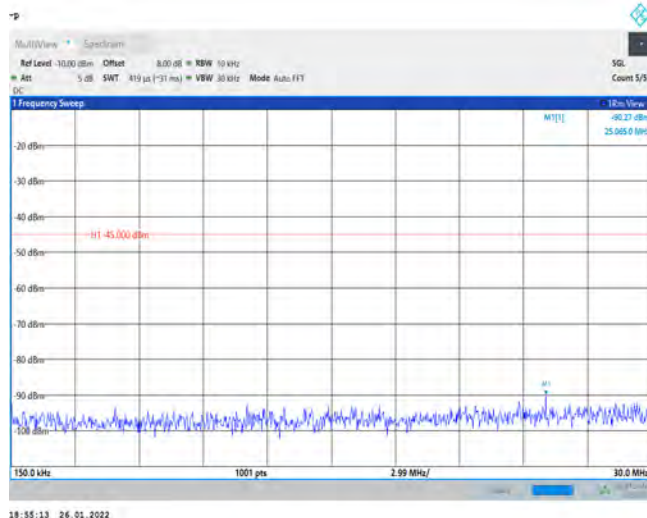
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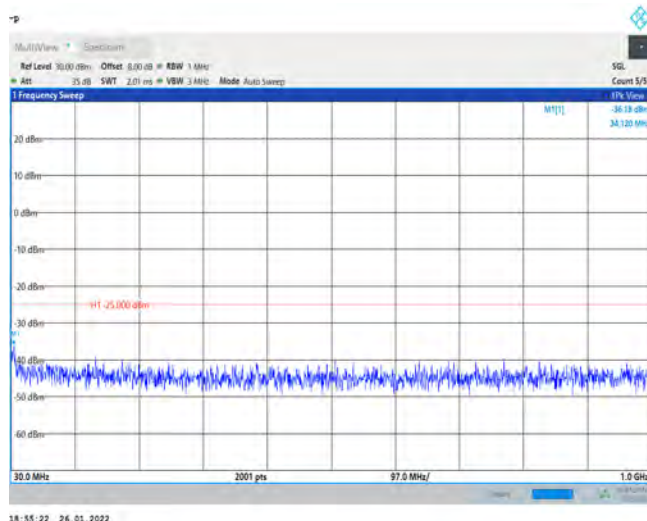
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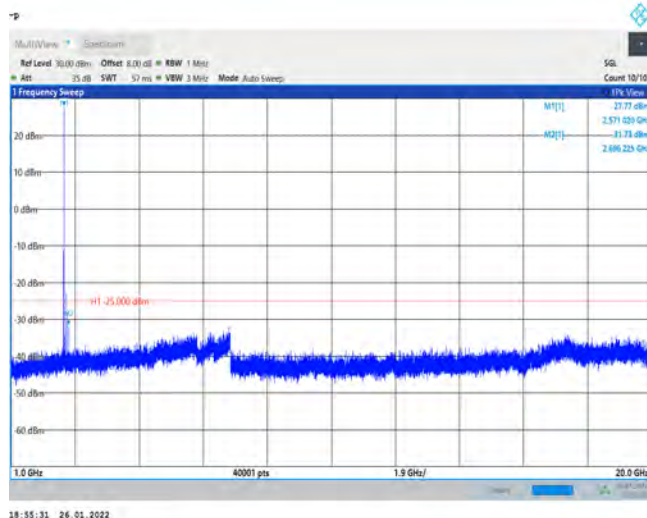
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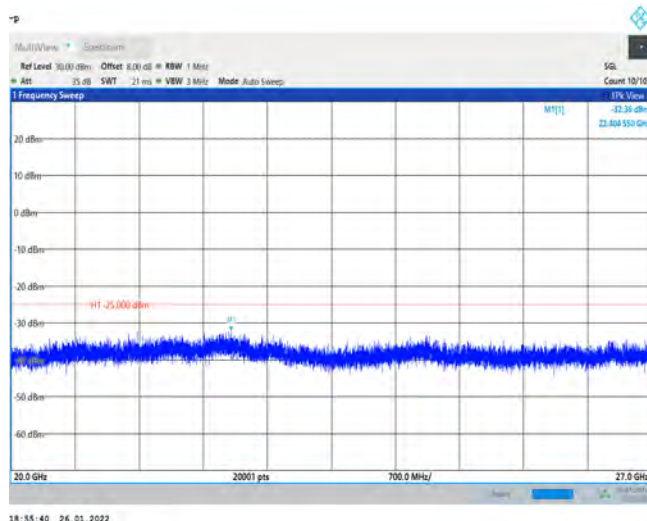
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Band38-20MHz-16QAM-37850-1RB#0-Range5:20000~27000MHz



Band38-20MHz-16QAM-38000-1RB#0-Range1:0.009~0.15MHz



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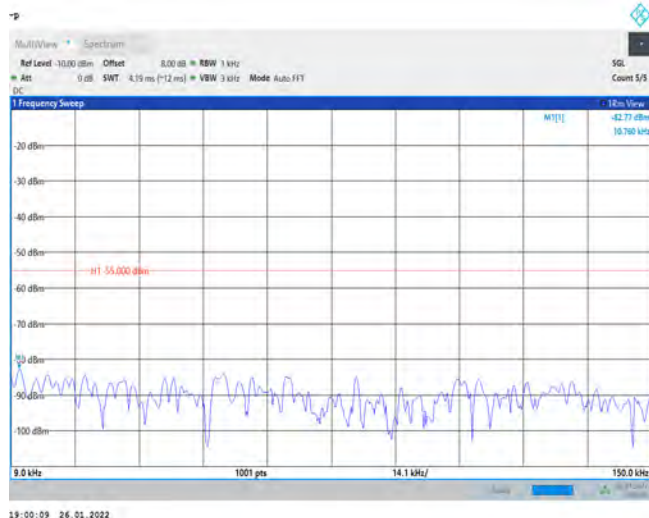
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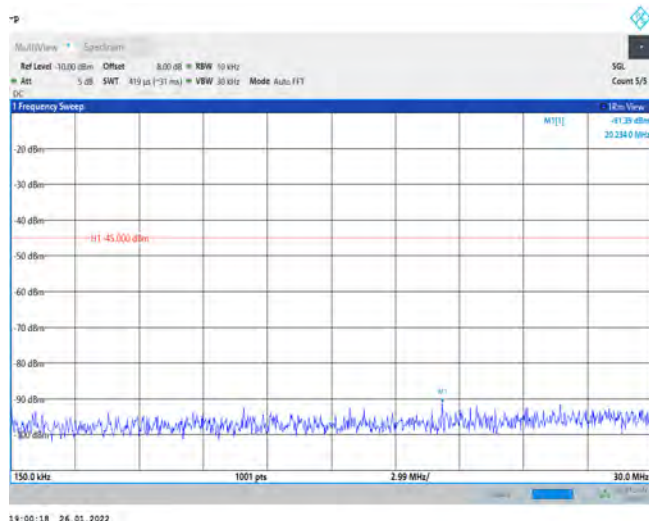
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Band38-20MHz-16QAM-38000-1RB#0-Range2:0.15~30MHz



Band38-20MHz-16QAM-38000-1RB#0-Range3:30~1000MHz



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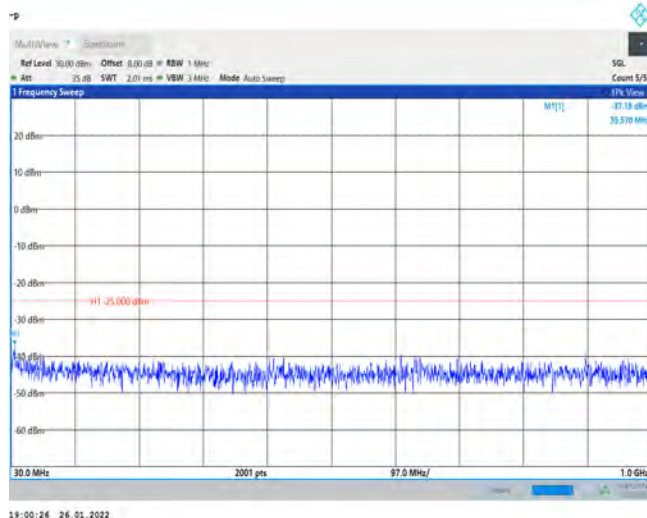
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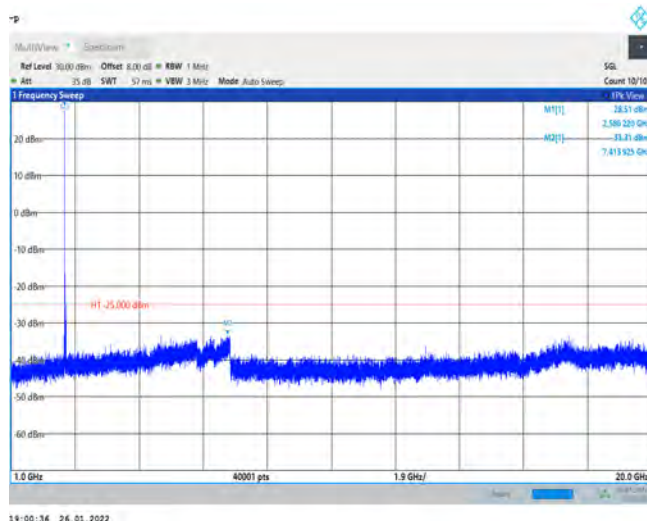
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Band38-20MHz-16QAM-38000-1RB#0-Range5:20000~27000MHz



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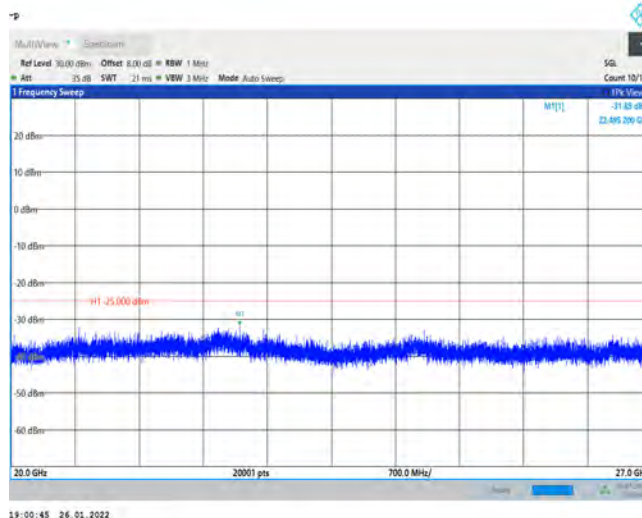
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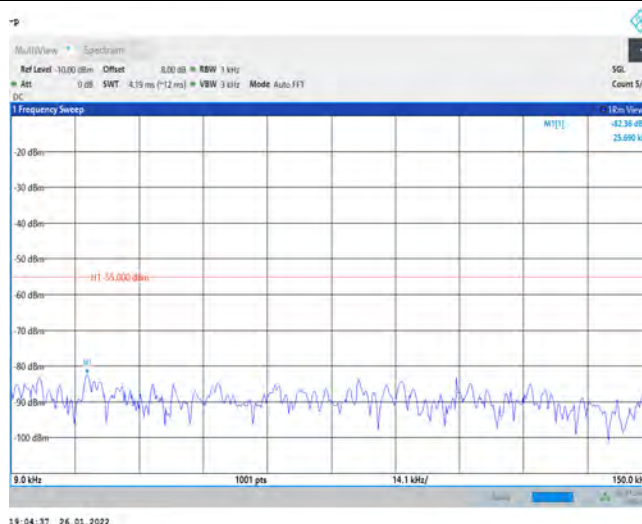
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Band38-20MHz-16QAM-38150-1RB#0-Range1:0.009~0.15MHz



Band38-20MHz-16QAM-38150-1RB#0-Range2:0.15~30MHz



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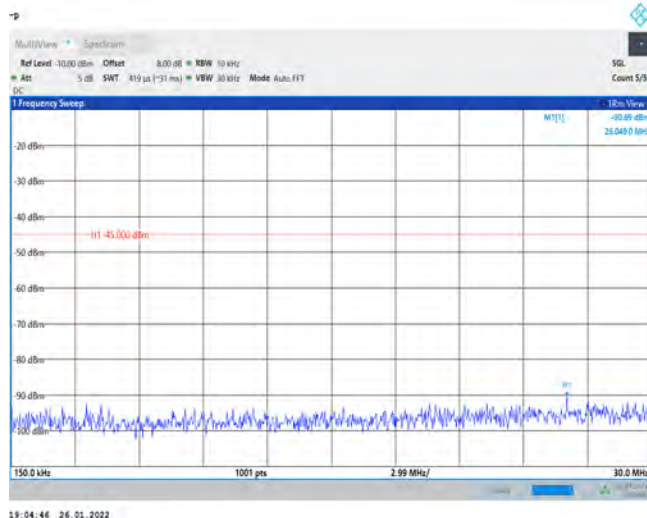
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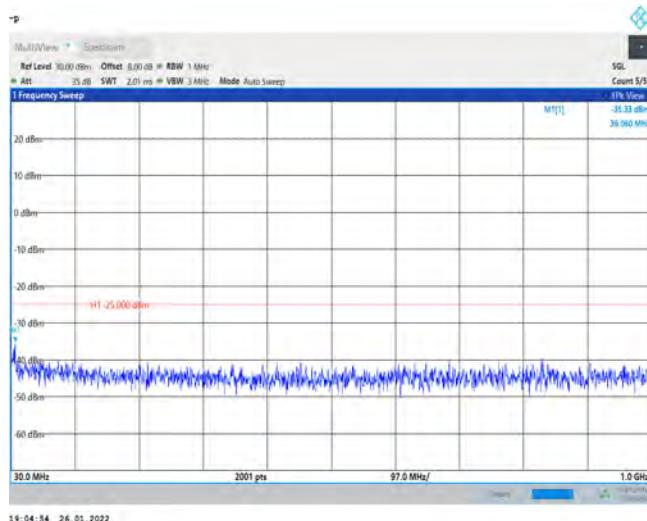
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Band38-20MHz-16QAM-38150-1RB#0-Range4:1000~20000MHz



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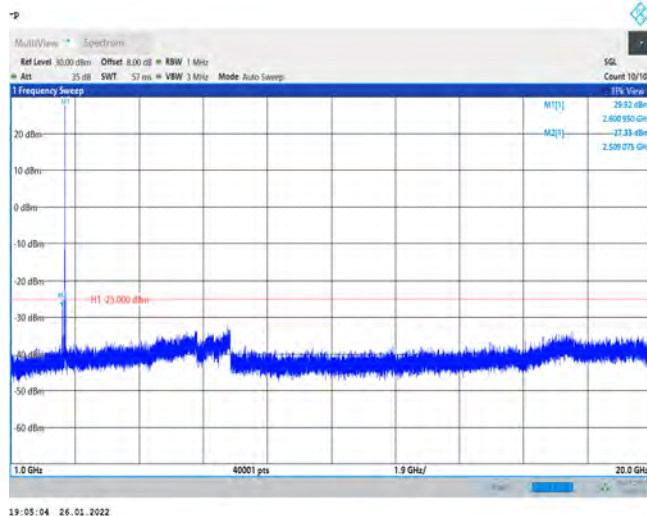
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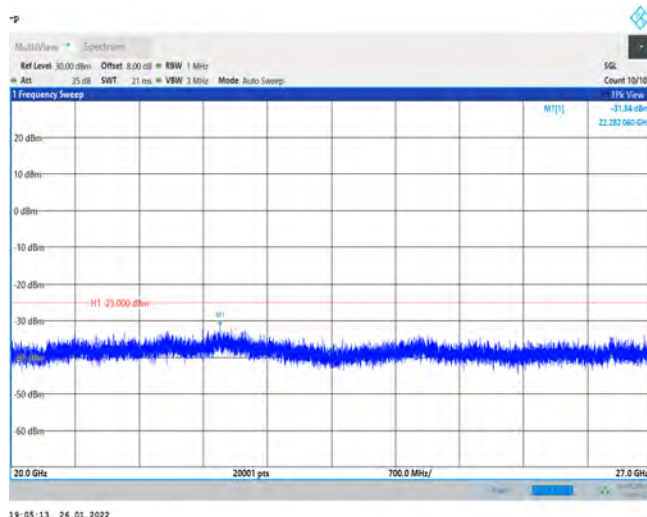
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Band38-20MHz-16QAM-38150-1RB#0-Range5:20000~27000MHz



Band38-20MHz-64QAM-37850-1RB#0-Range1:0.009~0.15MHz



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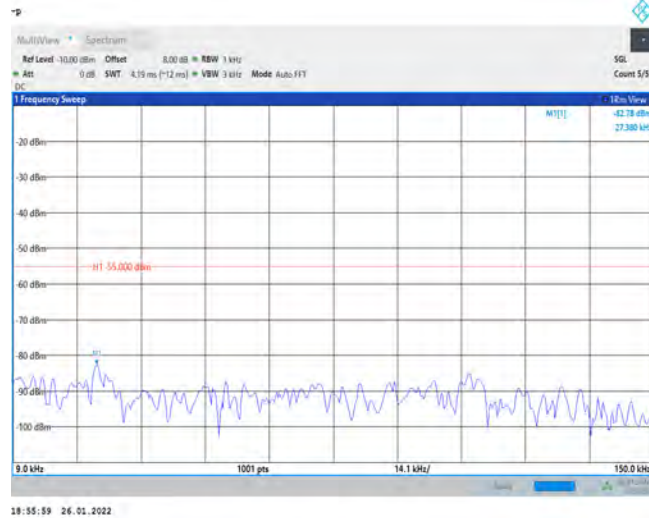
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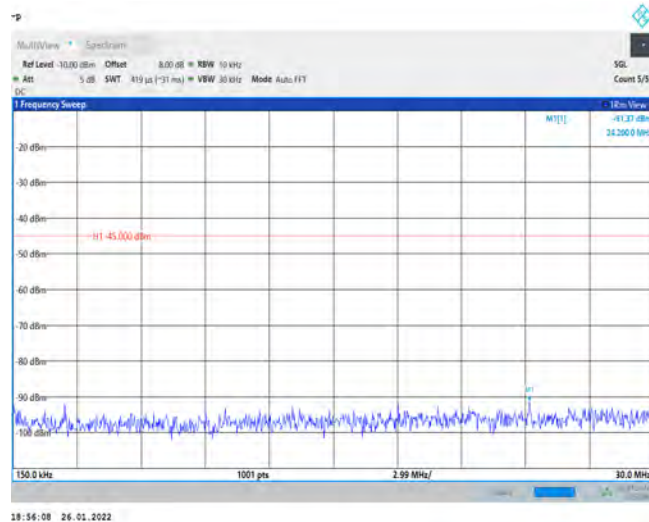
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Band38-20MHz-64QAM-37850-1RB#0-Range2:0.15~30MHz



Band38-20MHz-64QAM-37850-1RB#0-Range3:30~1000MHz



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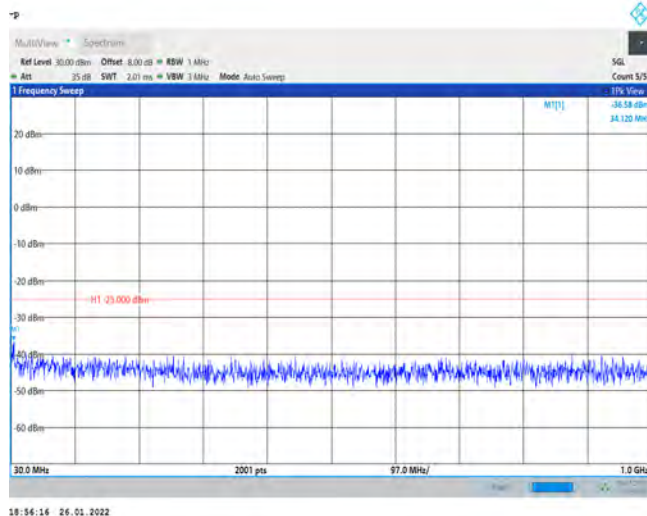
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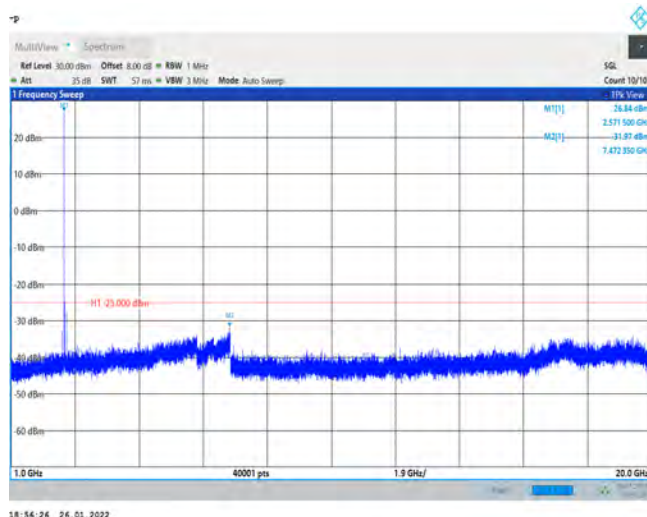
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Band38-20MHz-64QAM-37850-1RB#0-Range5:20000~27000MHz



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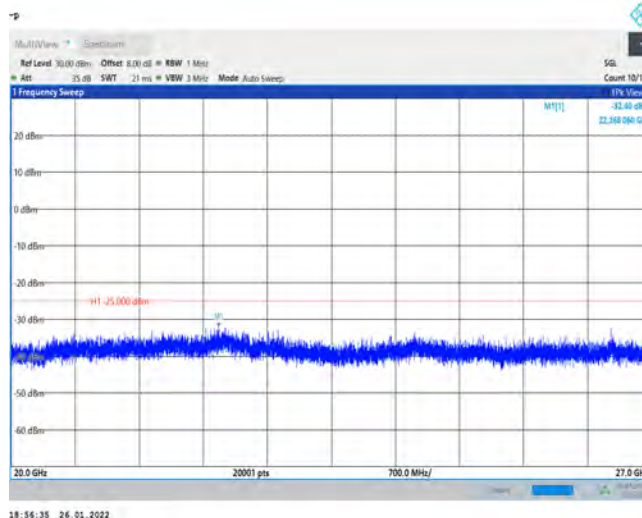
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Band38-20MHz-64QAM-38000-1RB#0-Range1:0.009~0.15MHz



Band38-20MHz-64QAM-38000-1RB#0-Range2:0.15~30MHz



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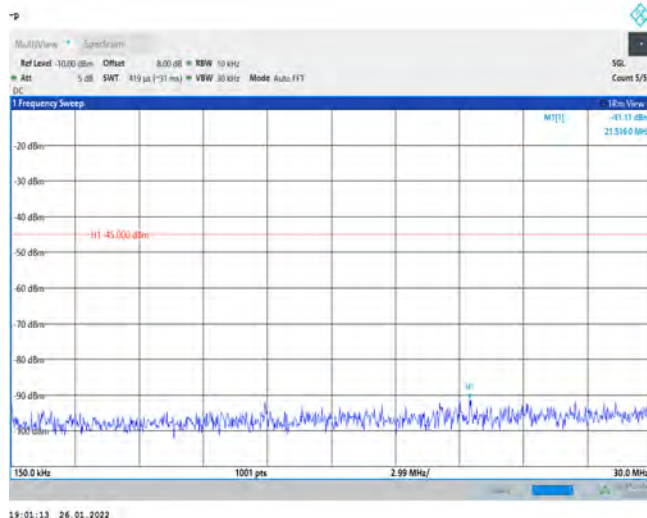
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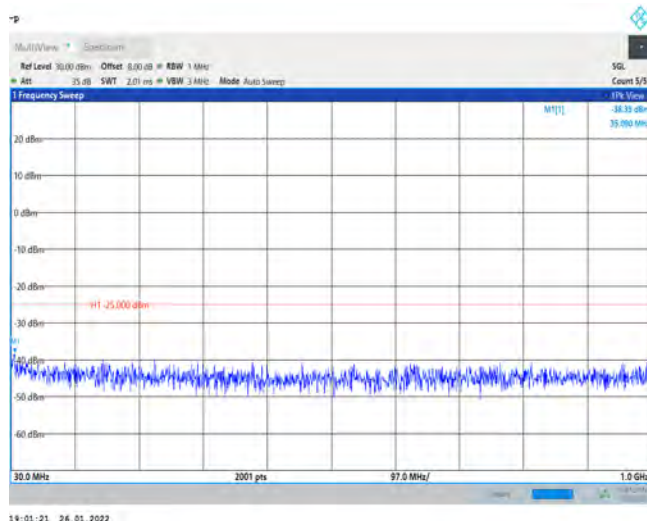
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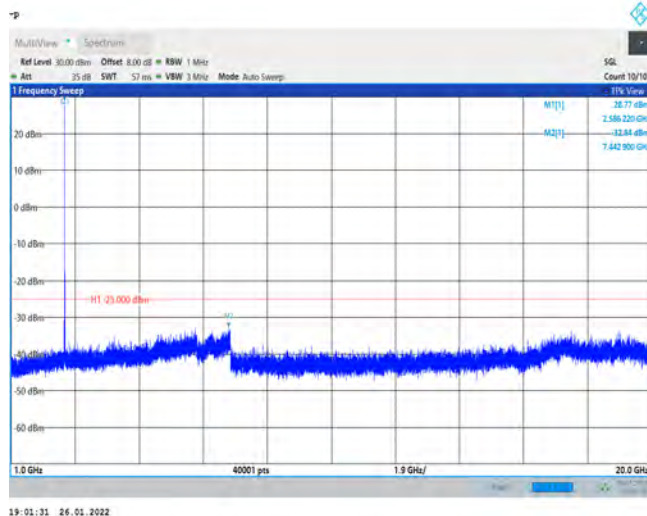
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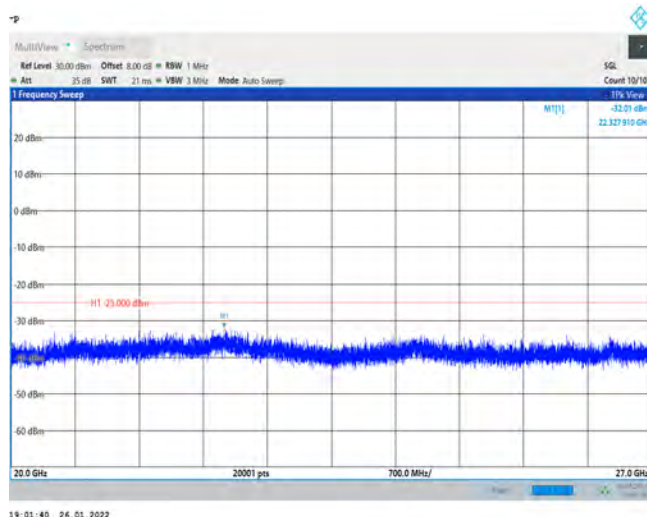
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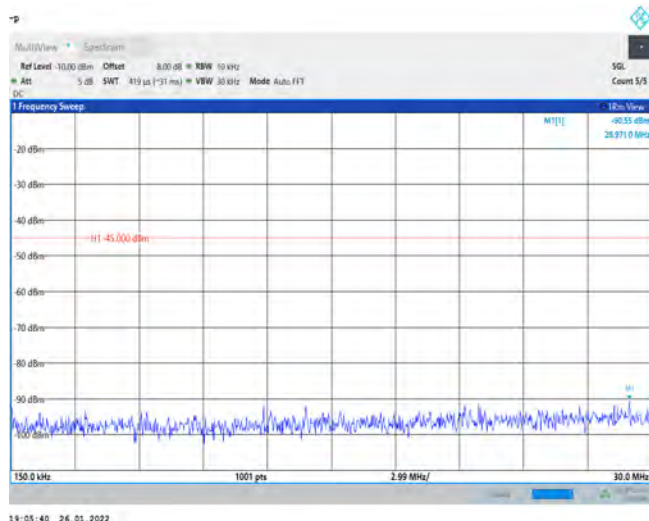
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Band38-20MHz-64QAM-38150-1RB#0-Range2:0.15~30MHz



Band38-20MHz-64QAM-38150-1RB#0-Range3:30~1000MHz



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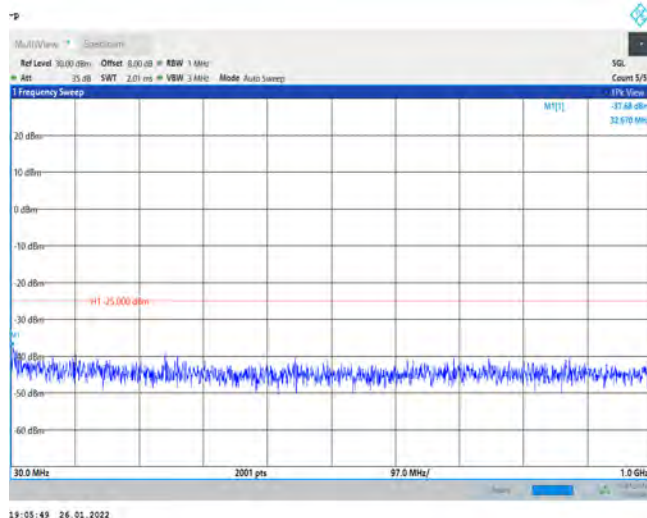
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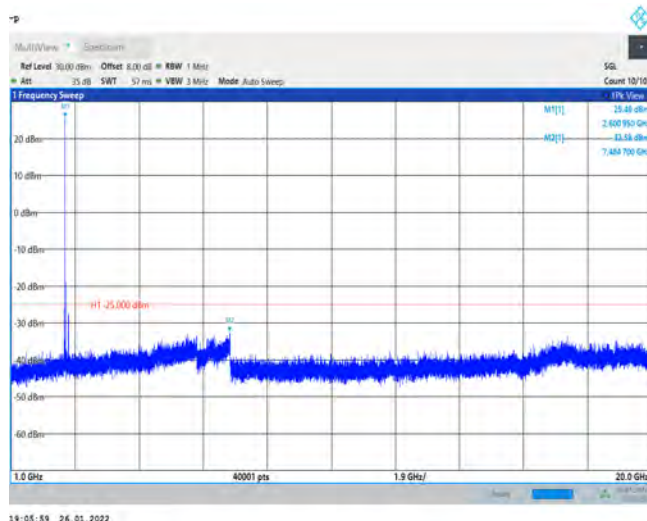
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Band38-20MHz-64QAM-38150-1RB#0-Range4:1000~20000MHz



Band38-20MHz-64QAM-38150-1RB#0-Range5:20000~27000MHz



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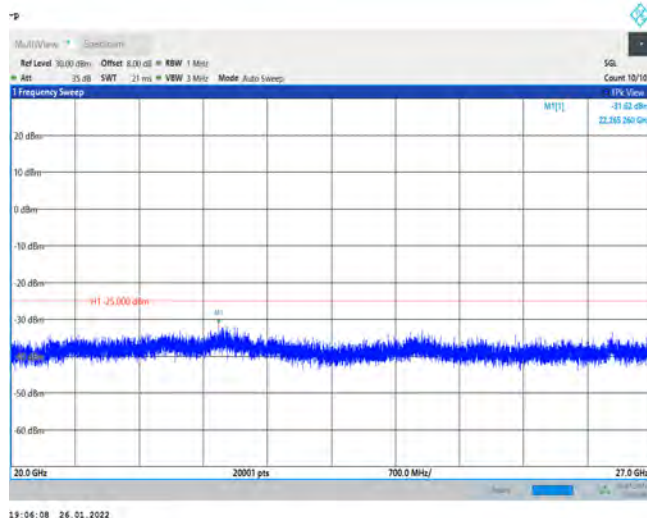
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Band38-20MHz-256QAM-37850-1RB#0-Range1:0.009~0.15MHz



Band38-20MHz-256QAM-37850-1RB#0-Range2:0.15~30MHz



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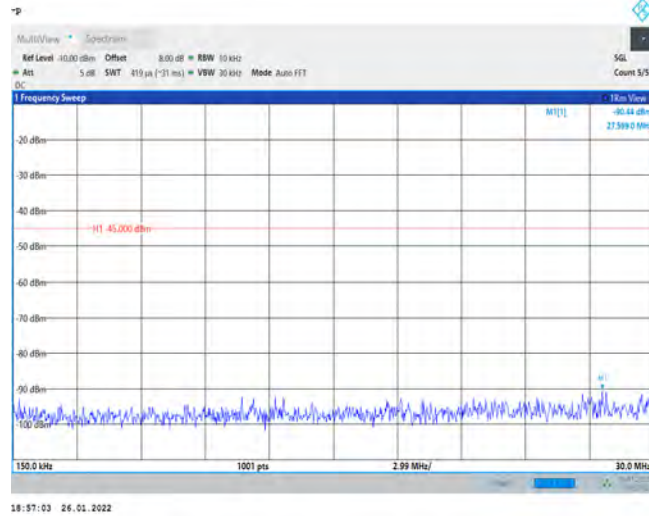
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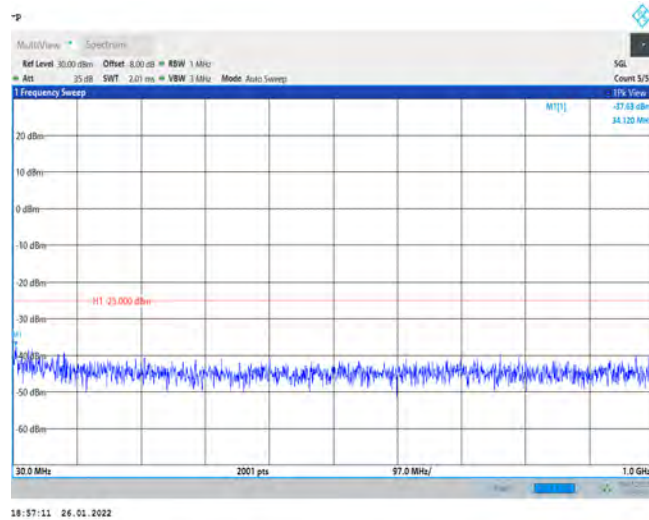
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Band38-20MHz-256QAM-37850-1RB#0-Range3:30~1000MHz



Band38-20MHz-256QAM-37850-1RB#0-Range4:1000~20000MHz



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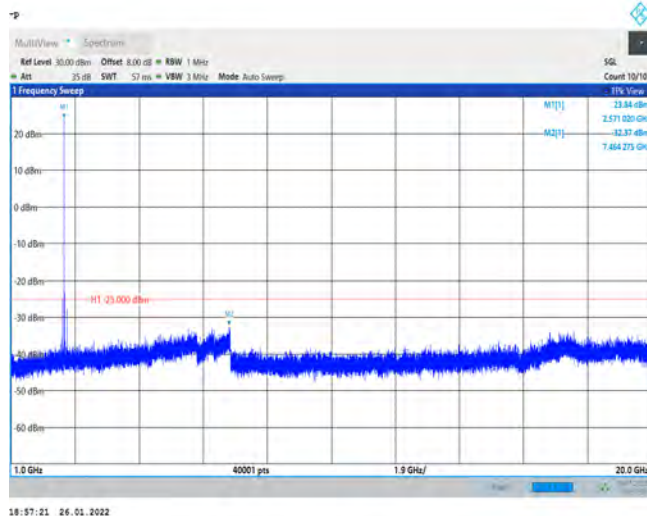
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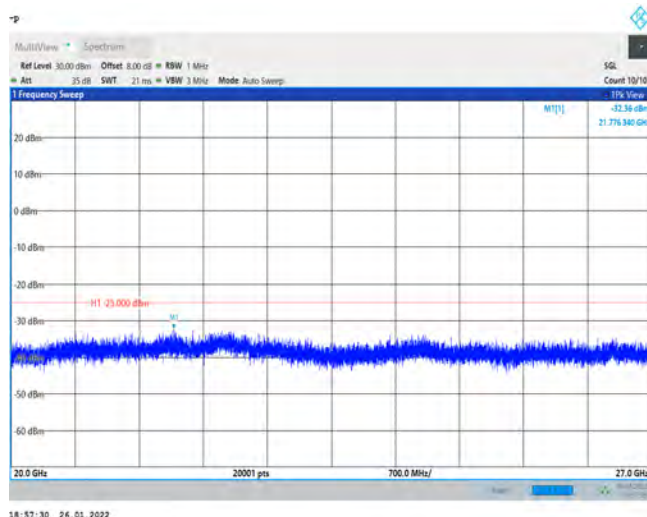
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Band38-20MHz-256QAM-37850-1RB#0-Range5:20000~27000MHz



Band38-20MHz-256QAM-38000-1RB#0-Range1:0.009~0.15MHz



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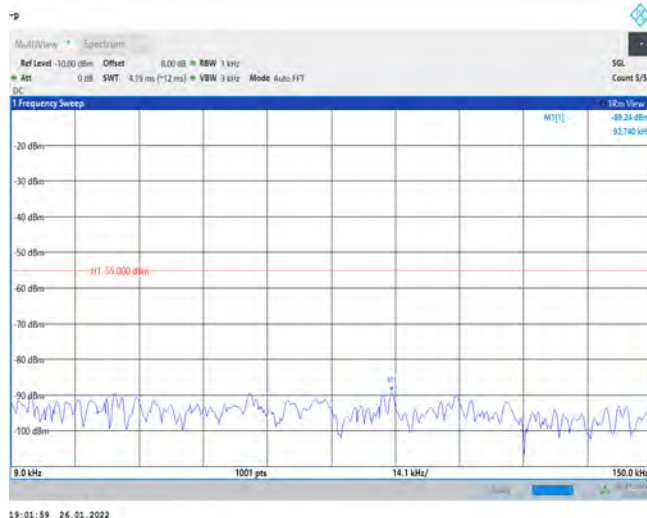
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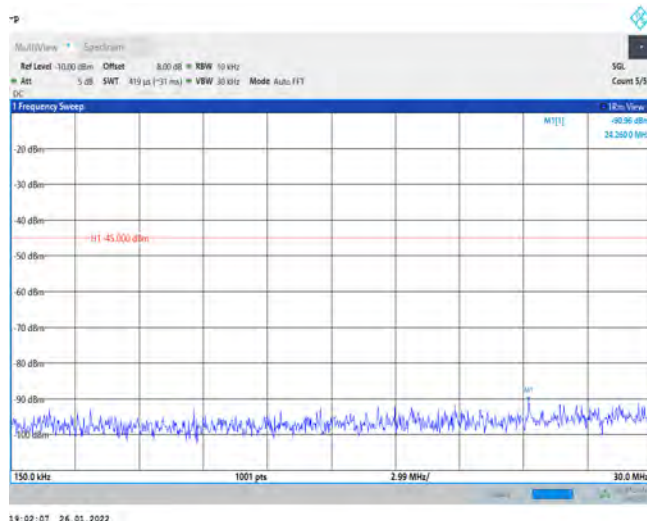
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Band38-20MHz-256QAM-38000-1RB#0-Range2:0.15~30MHz



Band38-20MHz-256QAM-38000-1RB#0-Range3:30~1000MHz



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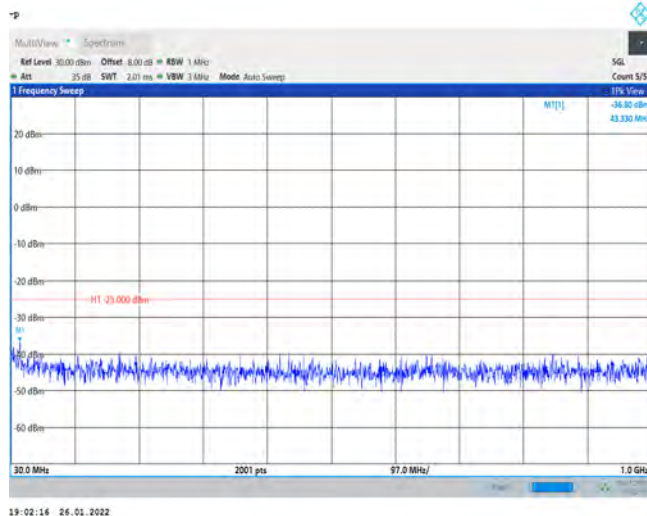
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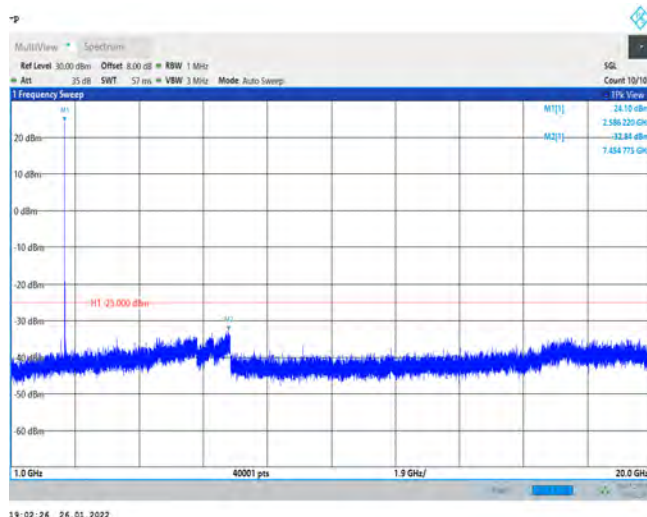
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Band38-20MHz-256QAM-38000-1RB#0-Range4:1000~20000MHz



Band38-20MHz-256QAM-38000-1RB#0-Range5:20000~27000MHz



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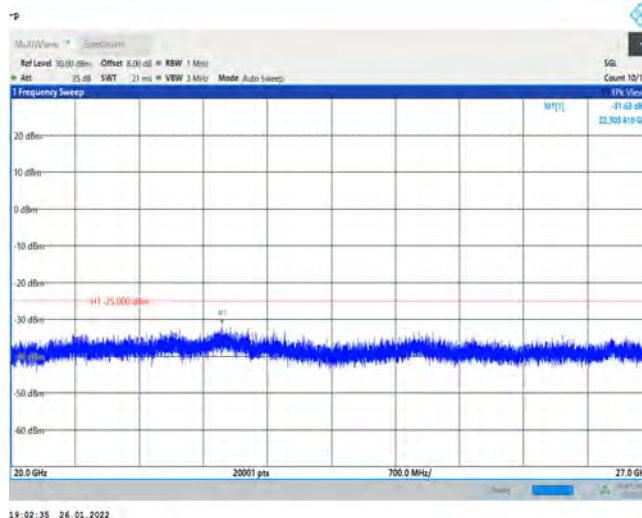
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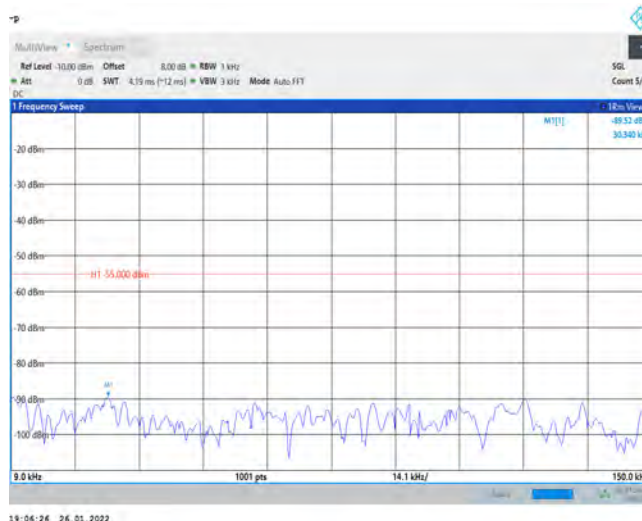
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Band38-20MHz-256QAM-38150-1RB#0-Range1:0.009~0.15MHz



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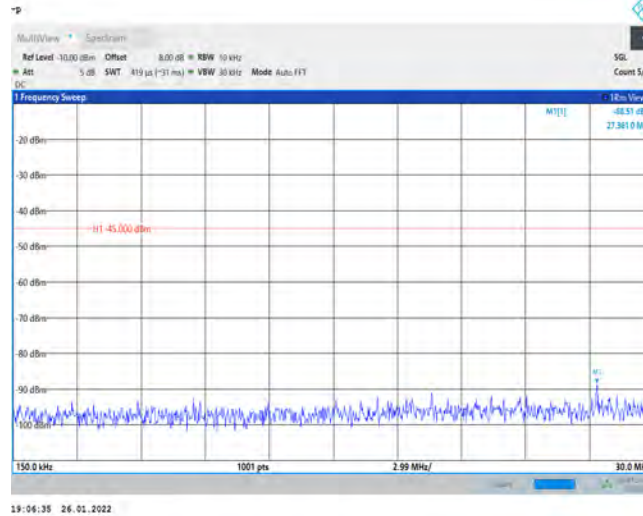
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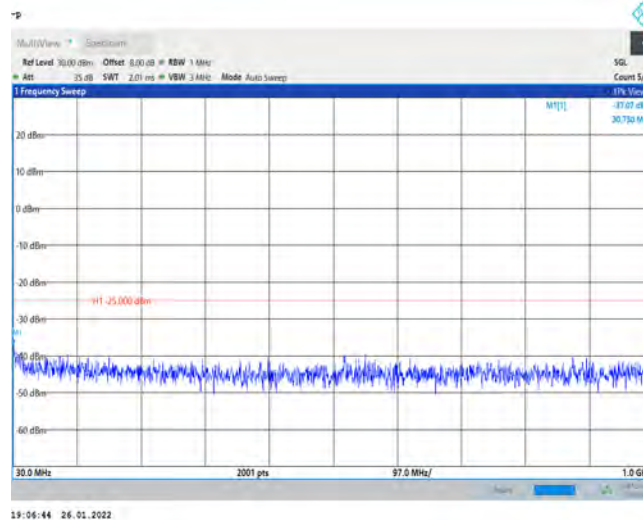
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Band38-20MHz-256QAM-38150-1RB#0-Range3:30~1000MHz



Band38-20MHz-256QAM-38150-1RB#0-Range4:1000~20000MHz



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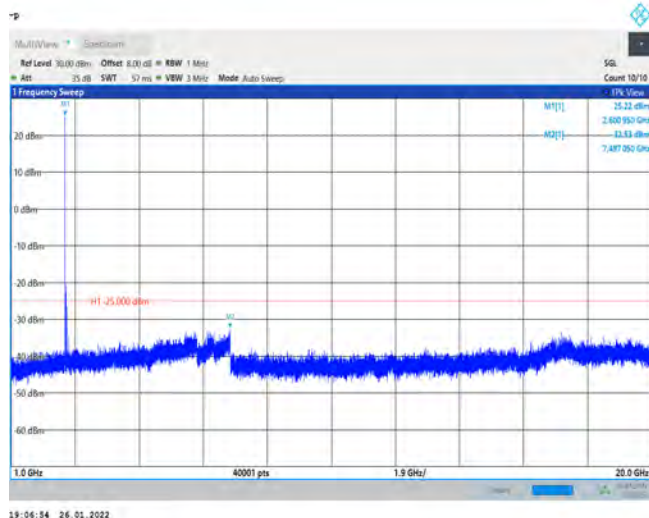
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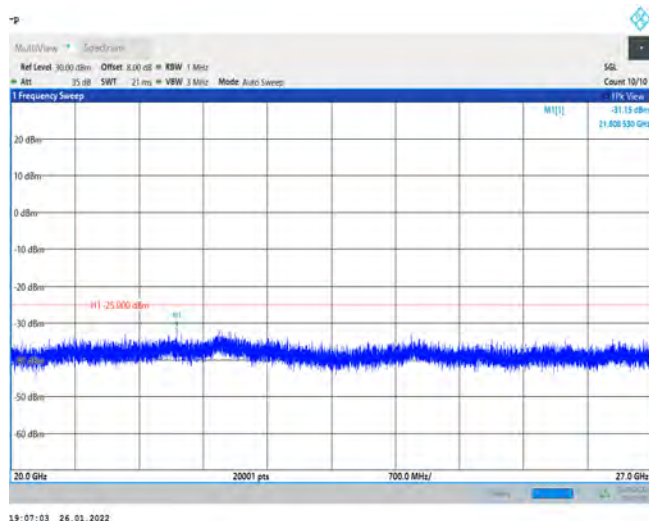
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Band38-20MHz-256QAM-38150-1RB#0-Range5:20000~27000MHz



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Field Strength of Spurious Radiation

Test Band = Band38 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.1800	47.29	-107.6	-60.34	-25.00	35.34	289	359	Horizontal
2	7713.2700	46.04	-101.6	-55.62	-25.00	30.62	136	56	Horizontal
3	10284.360	41.10	-95.58	-54.48	-25.00	29.48	241	71	Horizontal
4	12855.450	34.19	-92.56	-58.37	-25.00	33.37	188	122	Horizontal
5	15426.540	33.11	-90.58	-57.47	-25.00	32.47	169	71	Horizontal
6	17997.630	37.49	-87.60	-50.11	-25.00	25.11	111	273	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.1800	47.36	-107.6	-60.27	-25.00	35.27	195	141	Vertical
2	7713.2700	45.78	-101.6	-55.88	-25.00	30.88	146	359	Vertical
3	10284.360	45.88	-95.58	-49.70	-25.00	24.70	188	13	Vertical
4	12855.450	34.33	-92.56	-58.23	-25.00	33.23	174	84	Vertical
5	15426.540	32.07	-90.58	-58.51	-25.00	33.51	129	214	Vertical
6	17997.630	35.41	-87.60	-52.19	-25.00	27.19	226	271	Vertical



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Test Band = Band38 TM1
Test Channel = Mid
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4023.75	52.10	-110.4	-58.30	-25.00	33.30	185	44	Horizontal
2	5172.1800	47.44	-107.5	-60.15	-25.00	35.15	196	130	Horizontal
3	7758.2700	47.33	-101.2	-53.87	-25.00	28.87	148	59	Horizontal
4	10344.360	40.14	-95.47	-55.33	-25.00	30.33	177	59	Horizontal
5	12930.450	34.98	-92.68	-57.70	-25.00	32.70	129	16	Horizontal
6	15516.540	32.17	-92.01	-59.84	-25.00	34.84	265	44	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4084.5	51.65	-110.1	-58.49	-25.00	33.49	295	288	Vertical
2	5172.1800	48.65	-107.5	-58.94	-25.00	33.94	254	330	Vertical
3	7758.2700	49.17	-101.2	-52.03	-25.00	27.03	188	344	Vertical
4	10344.360	45.79	-95.47	-49.68	-25.00	24.68	135	360	Vertical
5	12930.450	33.83	-92.68	-58.85	-25.00	33.85	166	214	Vertical
6	15516.540	30.78	-92.01	-61.23	-25.00	36.23	244	288	Vertical



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Test Band = Band38 TM1
Test Channel = High
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3594	53.04	-111.79	-58.75	-25.00	33.75	144	352	Horizontal
2	5202.1800	47.50	-107.5	-60.05	-25.00	35.05	162	201	Horizontal
3	7803.2700	47.16	-100.8	-53.64	-25.00	28.64	151	56	Horizontal
4	10404.360	41.83	-95.40	-53.57	-25.00	28.57	177	301	Horizontal
5	13005.450	32.17	-92.74	-60.57	-25.00	35.57	213	230	Horizontal
6	15606.540	30.78	-91.70	-60.92	-25.00	35.92	230	142	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4884.75	51.53	-108.2	-56.70	-25.00	31.70	196	228	Vertical
2	5202.1800	47.27	-107.5	-60.28	-25.00	35.28	184	165	Vertical
3	7803.2700	48.50	-100.8	-52.30	-25.00	27.30	235	42	Vertical
4	10404.360	42.72	-95.40	-52.68	-25.00	27.68	165	128	Vertical
5	13005.450	33.31	-92.74	-59.43	-25.00	34.43	144	354	Vertical
6	15606.540	31.44	-91.70	-60.26	-25.00	35.26	289	333	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-2.70	-0.001047	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	5.60	0.002171	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	1.70	0.000659	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	0.60	0.000233	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-5.90	-0.002287	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	10.80	0.004162	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-0.70	-0.000271	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-2.60	-0.001002	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-10.30	-0.003969	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	1.80	0.000698	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	12.90	0.005000	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-12.70	-0.004922	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-1.30	-0.000501	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	5.50	0.002119	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	0.90	0.000347	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-10.40	-0.003985	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	1.20	0.000460	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	7.20	0.002759	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	1.70	0.000659	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	0.60	0.000233	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-5.90	-0.002287	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	10.80	0.004162	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-8.90	-0.003430	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	3.50	0.001349	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-7.30	-0.002797	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	8.00	0.003065	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-19.80	-0.007586	PASS
Band38	20MHz	256QAM	37850	100RB#0	VL	NT	-12.20	-0.004729	PASS
Band38	20MHz	256QAM	37850	100RB#0	VN	NT	-4.60	-0.001783	PASS
Band38	20MHz	256QAM	37850	100RB#0	VH	NT	-0.70	-0.000271	PASS



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Band38	20MHz	256QAM	38000	100RB#0	VL	NT	-2.60	-0.001002	PASS
Band38	20MHz	256QAM	38000	100RB#0	VN	NT	-10.30	-0.003969	PASS
Band38	20MHz	256QAM	38000	100RB#0	VH	NT	-0.20	-0.000077	PASS
Band38	20MHz	256QAM	38150	100RB#0	VL	NT	3.20	0.001226	PASS
Band38	20MHz	256QAM	38150	100RB#0	VN	NT	-0.10	-0.000038	PASS
Band38	20MHz	256QAM	38150	100RB#0	VH	NT	-3.50	-0.001341	PASS



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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	5.10	0.001977	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	2.20	0.000853	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-10	0.70	0.000271	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	1.10	0.000426	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-4.30	-0.001667	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	4.30	0.001667	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-4.50	-0.001744	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-4.70	-0.001822	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-4.60	-0.001783	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-0.70	-0.000271	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-2.60	-0.001002	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-10.30	-0.003969	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-0.20	-0.000077	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-16.20	-0.006243	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-5.70	-0.002197	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	4.20	0.001618	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	11.00	0.004239	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-8.40	-0.003237	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-7.30	-0.002829	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	9.00	0.003488	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-10	8.10	0.003121	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	10.20	0.003931	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	2.90	0.001111	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	0.00	0.000000	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-9.10	-0.003487	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	2.70	0.001034	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	5.80	0.002222	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	3.20	0.001240	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-2.50	-0.000969	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-10	-0.50	-0.000194	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-5.80	-0.002248	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-3.00	-0.001163	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-17.70	-0.006860	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	4.60	0.001783	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-7.30	-0.002829	PASS



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Band38	20MHz	16QAM	37850	100RB#0	NV	50	9.00	0.003488	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	8.10	0.003121	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	10.20	0.003931	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-10	9.30	0.003584	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	5.40	0.002081	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	2.00	0.000771	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-1.30	-0.000501	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-6.00	-0.002312	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	1.80	0.000694	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	0.80	0.000308	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	3.10	0.001188	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-4.50	-0.001724	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-10	23.50	0.009004	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-6.00	-0.002299	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-13.50	-0.005172	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-3.50	-0.001341	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	8.10	0.003103	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	9.30	0.003563	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	2.30	0.000881	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	2.50	0.000969	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	2.90	0.001124	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-10	-1.90	-0.000736	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-1.00	-0.000388	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-8.10	-0.003140	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-3.00	-0.001163	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-10.40	-0.004031	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-3.10	-0.001202	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-7.60	-0.002946	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-11.80	-0.004547	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	2.20	0.000848	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-10	-2.50	-0.000963	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-3.50	-0.001349	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-2.30	-0.000886	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-0.10	-0.000039	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	4.40	0.001696	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	-3.10	-0.001195	PASS



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Band38	20MHz	64QAM	38000	100RB#0	NV	50	-20.70	-0.007977	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	1.40	0.000536	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	2.00	0.000766	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-10	-15.40	-0.005900	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-4.70	-0.001801	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	10	6.20	0.002375	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-8.40	-0.003218	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-8.30	-0.003180	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	0.40	0.000153	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	1.00	0.000383	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	-30	2.60	0.001008	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	-20	4.70	0.001822	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	-10	-1.70	-0.000659	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	0	-3.50	-0.001357	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	10	3.60	0.001395	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	20	8.30	0.003217	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	30	-11.20	-0.004341	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	40	-2.60	-0.001008	PASS
Band38	20MHz	256QAM	37850	100RB#0	NV	50	3.20	0.001240	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	-30	-9.60	-0.003699	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	-20	1.80	0.000694	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	-10	-0.10	-0.000039	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	0	-10.90	-0.004200	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	10	0.50	0.000193	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	20	-1.90	-0.000732	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	30	2.30	0.000886	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	40	4.30	0.001657	PASS
Band38	20MHz	256QAM	38000	100RB#0	NV	50	-8.10	-0.003121	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	-30	0.30	0.000115	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	-20	0.40	0.000153	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	-10	-4.20	-0.001609	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	0	11.00	0.004215	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	10	-5.50	-0.002107	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	20	-1.80	-0.000690	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	30	-13.90	-0.005326	PASS
Band38	20MHz	256QAM	38150	100RB#0	NV	40	-3.40	-0.001303	PASS



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Band38	20MHz	256QAM	38150	100RB#0	NV	50	9.70	0.003716	PASS
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The End



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