



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.02	21.62	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.09	21.69	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.04	21.64	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.01	20.61	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.79	20.39	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.03	20.63	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.14	20.74	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.06	21.66	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.01	21.61	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.06	21.66	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.10	20.7	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.83	20.43	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.14	20.74	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.13	20.73	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.14	21.74	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.07	21.67	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.12	21.72	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.14	20.74	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.95	20.55	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.21	20.81	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.14	20.74	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.98	19.58	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.98	19.58	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.96	19.56	33	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.95	18.55	33	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.99	18.59	33	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.04	18.64	33	PASS



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Band38	5MHz	64QAM	37775	25RB#0	20.09	18.69	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.94	19.54	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.94	19.54	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.00	19.6	33	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.92	18.52	33	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.90	18.5	33	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.91	18.51	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.99	18.59	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.91	19.51	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.99	19.59	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.96	19.56	33	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.97	18.57	33	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.84	18.44	33	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.05	18.65	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.00	18.6	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.11	20.71	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.17	20.77	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.06	20.66	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.13	19.73	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.13	19.73	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.15	19.75	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.18	19.78	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.13	20.73	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.09	20.69	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.14	20.74	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.08	19.68	33	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.06	19.66	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.08	19.68	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.09	19.69	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.02	20.62	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.08	20.68	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.13	20.73	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.11	19.71	33	PASS



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Band38	5MHz	16QAM	38225	12RB#6	21.03	19.63	33	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.14	19.74	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.12	19.72	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.12	21.72	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.10	21.7	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.11	21.71	33	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.07	20.67	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.06	20.66	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.15	20.75	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.96	20.56	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.03	21.63	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.11	21.71	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.08	21.68	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.12	20.72	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.14	20.74	33	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.98	20.58	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.85	20.45	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.13	21.73	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.07	21.67	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.14	21.74	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.06	20.66	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.07	20.67	33	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.87	20.47	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.01	20.61	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.00	19.6	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.04	19.64	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.73	19.33	33	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.07	18.67	33	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.90	18.5	33	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.96	18.56	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.00	18.6	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.84	19.44	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.02	19.62	33	PASS



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Band38	10MHz	64QAM	38000	1RB#24	20.86	19.46	33	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.02	18.62	33	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.98	18.58	33	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.82	18.42	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.01	18.61	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.93	19.53	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.07	19.67	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.02	19.62	33	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.96	18.56	33	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.04	18.64	33	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.07	18.67	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.96	18.56	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.09	20.69	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.14	20.74	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.86	20.46	33	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.18	19.78	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.03	19.63	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.07	19.67	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.11	19.71	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.02	20.62	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.11	20.71	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.98	20.58	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.15	19.75	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.16	19.76	33	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.00	19.6	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.12	19.72	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.04	20.64	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.16	20.76	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.19	20.79	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.10	19.7	33	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.15	19.75	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.15	19.75	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.14	19.74	33	PASS



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Band38	15MHz	QPSK	37825	1RB#38	23.06	21.66	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.17	21.77	33	PASS
Band38	15MHz	QPSK	37825	36RB#39	21.89	20.49	33	PASS
Band38	15MHz	QPSK	37825	36RB#18	21.79	20.39	33	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.03	20.63	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.86	20.46	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.11	21.71	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.03	21.63	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.18	21.78	33	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.04	20.64	33	PASS
Band38	15MHz	QPSK	38000	36RB#18	21.86	20.46	33	PASS
Band38	15MHz	QPSK	38000	36RB#39	21.88	20.48	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.85	20.45	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.06	21.66	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.24	21.84	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.23	21.83	33	PASS
Band38	15MHz	QPSK	38175	36RB#0	21.98	20.58	33	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.00	20.6	33	PASS
Band38	15MHz	QPSK	38175	36RB#39	21.87	20.47	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.00	20.6	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.88	19.48	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.98	19.58	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.78	19.38	33	PASS
Band38	15MHz	64QAM	37825	36RB#0	19.95	18.55	33	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.03	18.63	33	PASS
Band38	15MHz	64QAM	37825	36RB#39	19.90	18.5	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.02	18.62	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.98	19.58	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.95	19.55	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.96	19.56	33	PASS
Band38	15MHz	64QAM	38000	36RB#39	19.97	18.57	33	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.05	18.65	33	PASS



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Band38	15MHz	64QAM	38000	36RB#18	19.92	18.52	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.00	18.6	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.84	19.44	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.06	19.66	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.94	19.54	33	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.04	18.64	33	PASS
Band38	15MHz	64QAM	38175	36RB#0	19.94	18.54	33	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.06	18.66	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.82	18.42	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.04	20.64	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.14	20.74	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.86	20.46	33	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.06	19.66	33	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.13	19.73	33	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.03	19.63	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.16	19.76	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.10	20.7	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.09	20.69	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.06	20.66	33	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.14	19.74	33	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.16	19.76	33	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.10	19.7	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.12	19.72	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.93	20.53	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.16	20.76	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.11	20.71	33	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.14	19.74	33	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.09	19.69	33	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.15	19.75	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.01	19.61	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.15	21.75	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.01	21.61	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.15	21.75	33	PASS



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Band38	20MHz	QPSK	37850	50RB#25	22.06	20.66	33	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.12	20.72	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.08	20.68	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.12	21.72	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.12	21.72	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.05	21.65	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.22	21.82	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.17	20.77	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.08	20.68	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.01	20.61	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.78	20.38	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.04	21.64	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.05	21.65	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.07	21.67	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.12	20.72	33	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.03	20.63	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.07	20.67	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.87	20.47	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.82	19.42	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.81	19.41	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.68	19.28	33	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.81	18.41	33	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.69	18.29	33	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.94	18.54	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.03	18.63	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.73	19.33	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.73	19.33	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.73	19.33	33	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.77	18.37	33	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.68	18.28	33	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.03	18.63	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.05	18.65	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.62	19.22	33	PASS



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Band38	20MHz	64QAM	38150	1RB#0	20.82	19.42	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.77	19.37	33	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.62	18.22	33	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.69	18.29	33	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.02	18.62	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.04	18.64	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.96	20.56	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.90	20.5	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.85	20.45	33	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.92	19.52	33	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.82	19.42	33	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.04	19.64	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.15	19.75	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.86	20.46	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.85	20.45	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.87	20.47	33	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.85	19.45	33	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.87	19.47	33	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.20	19.8	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.14	19.74	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.78	20.38	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.01	20.61	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.85	20.45	33	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.76	19.36	33	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.78	19.38	33	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.10	19.7	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.20	19.8	33	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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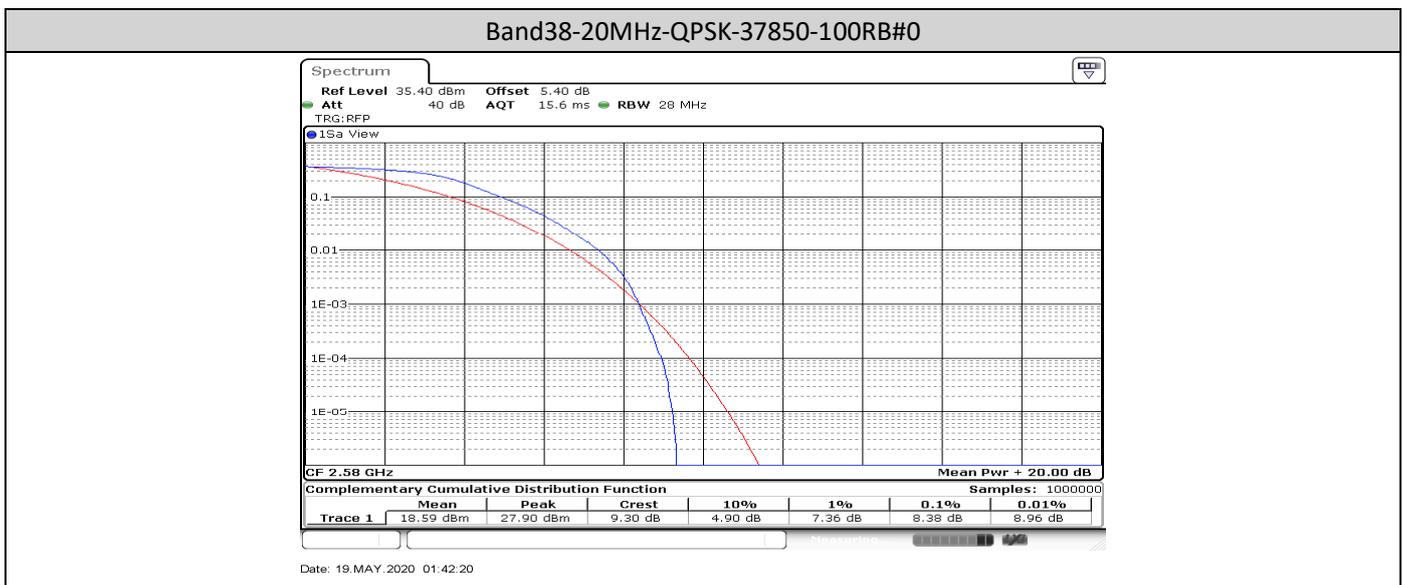


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.38	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.35	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.17	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	6.17	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.62	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.45	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.19	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.39	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.93	13	PASS

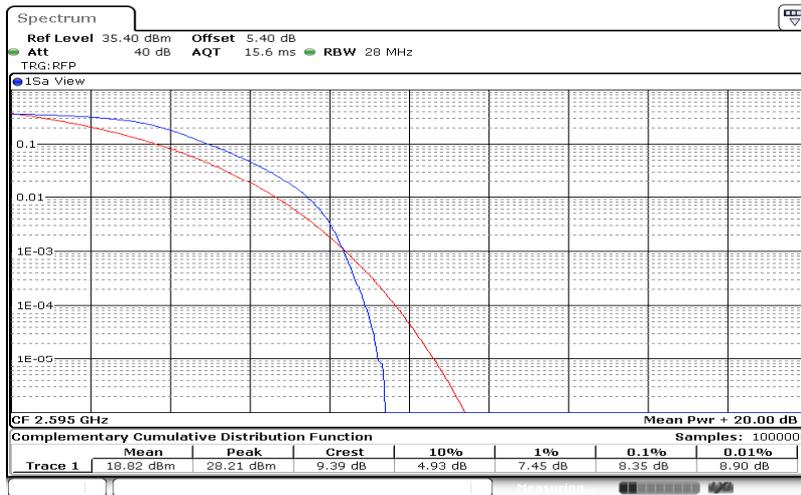
2.2. Test Plots



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



Date: 19.MAY.2020 01:42:43

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

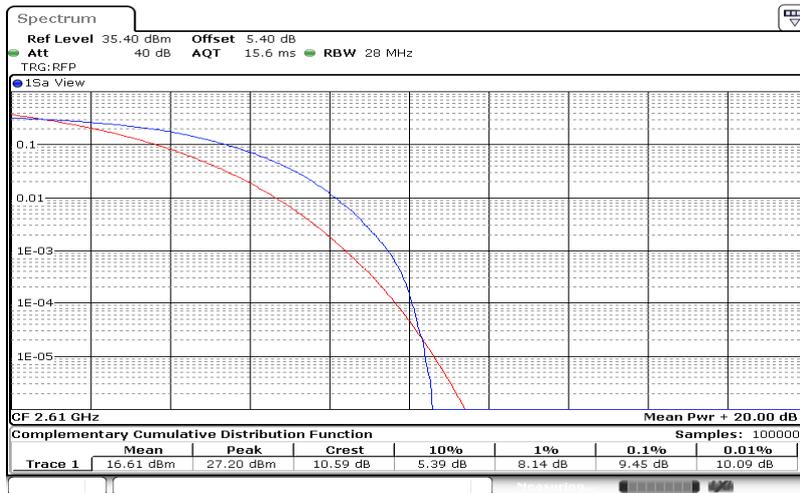


Date: 19.MAY.2020 01:43:05



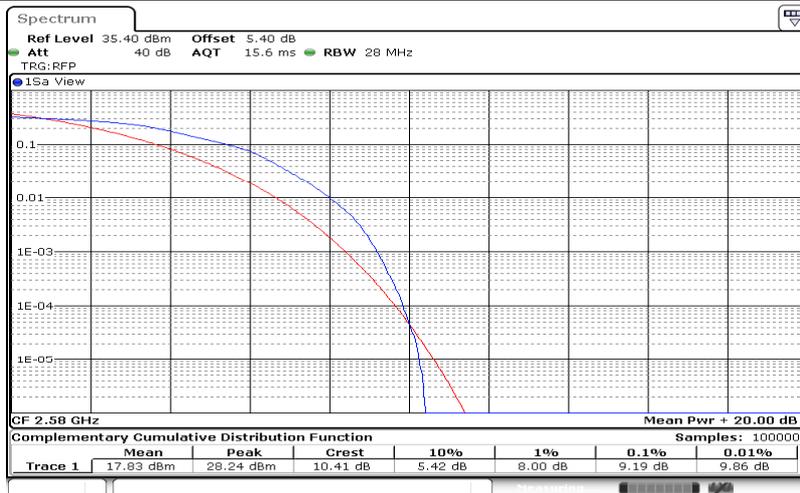
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Band38-20MHz-64QAM-38150-100RB#0



Date: 22.MAY.2020 11:14:48

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

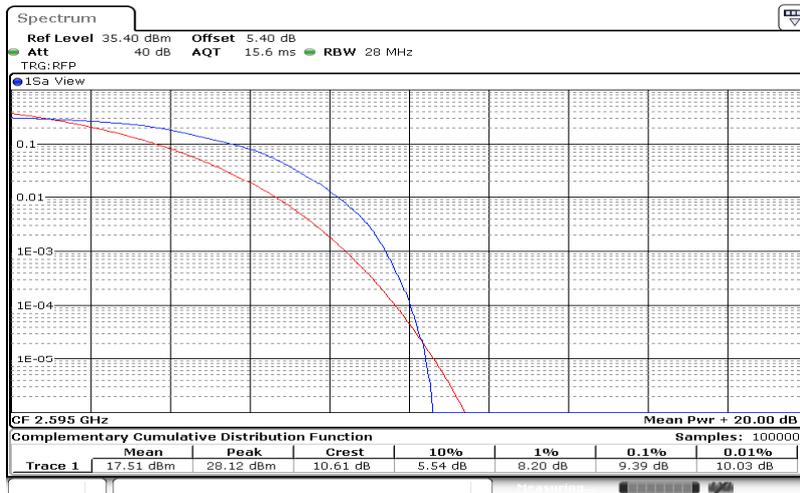


Date: 19.MAY.2020 01:42:31



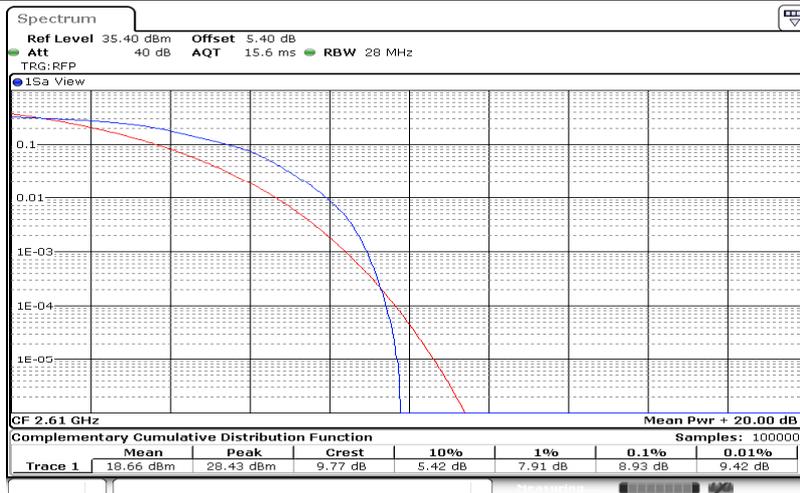
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Band38-20MHz-16QAM-38000-100RB#0



Date: 19.MAY.2020 01:42:54

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



Date: 19.MAY.2020 01:43:17

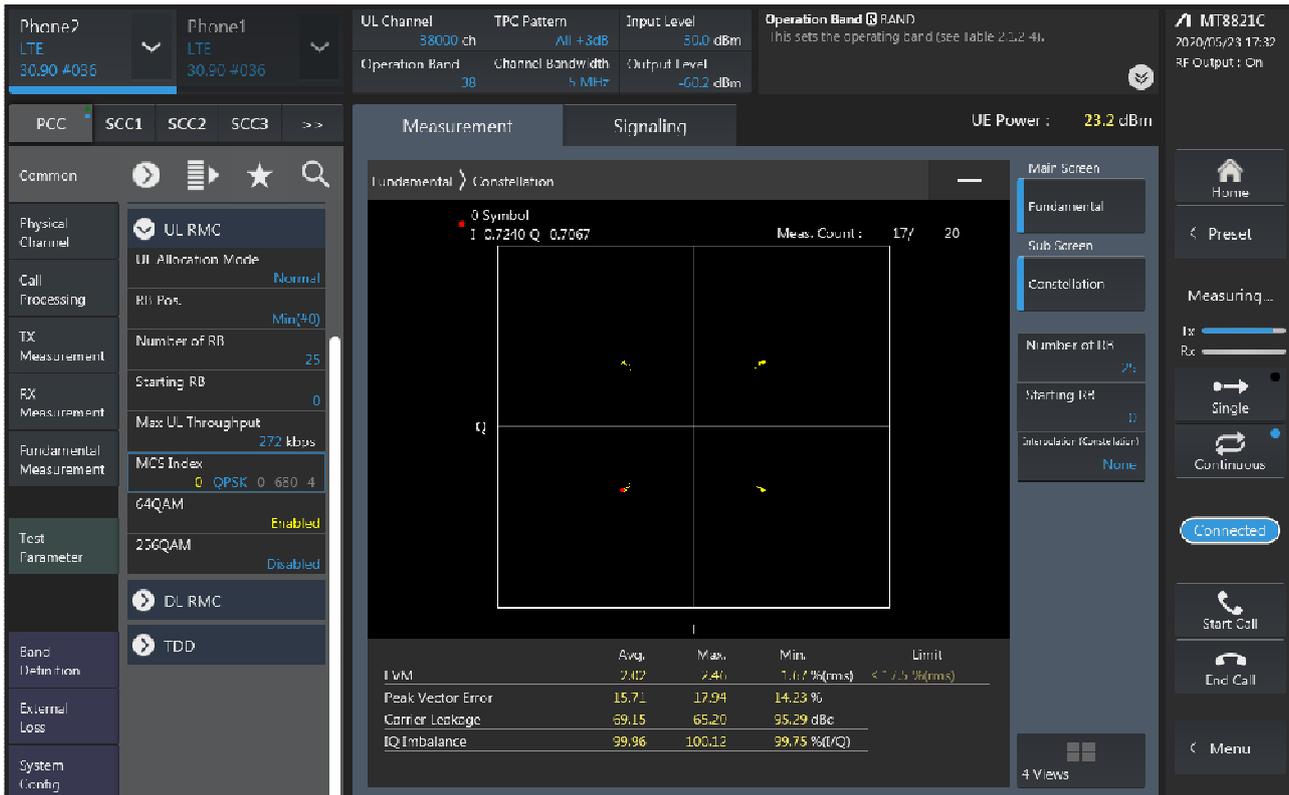


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

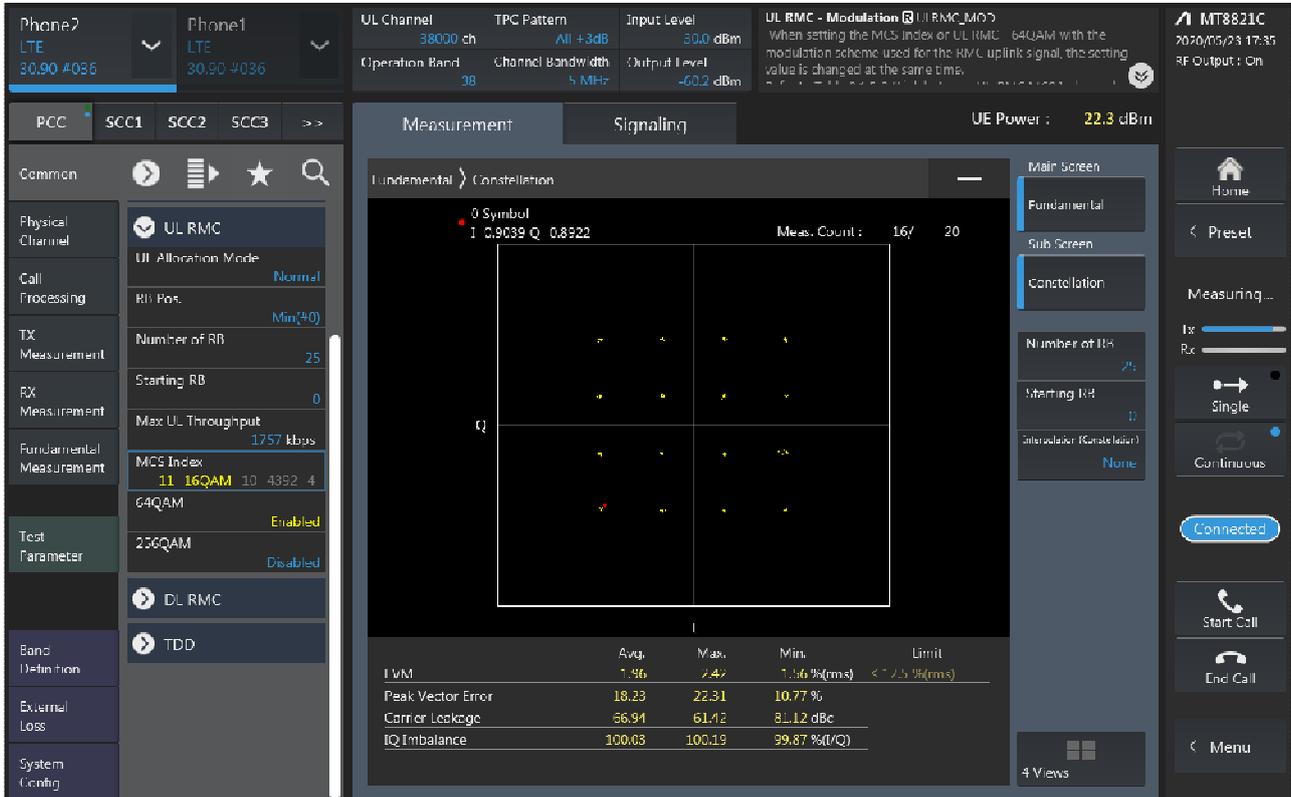


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

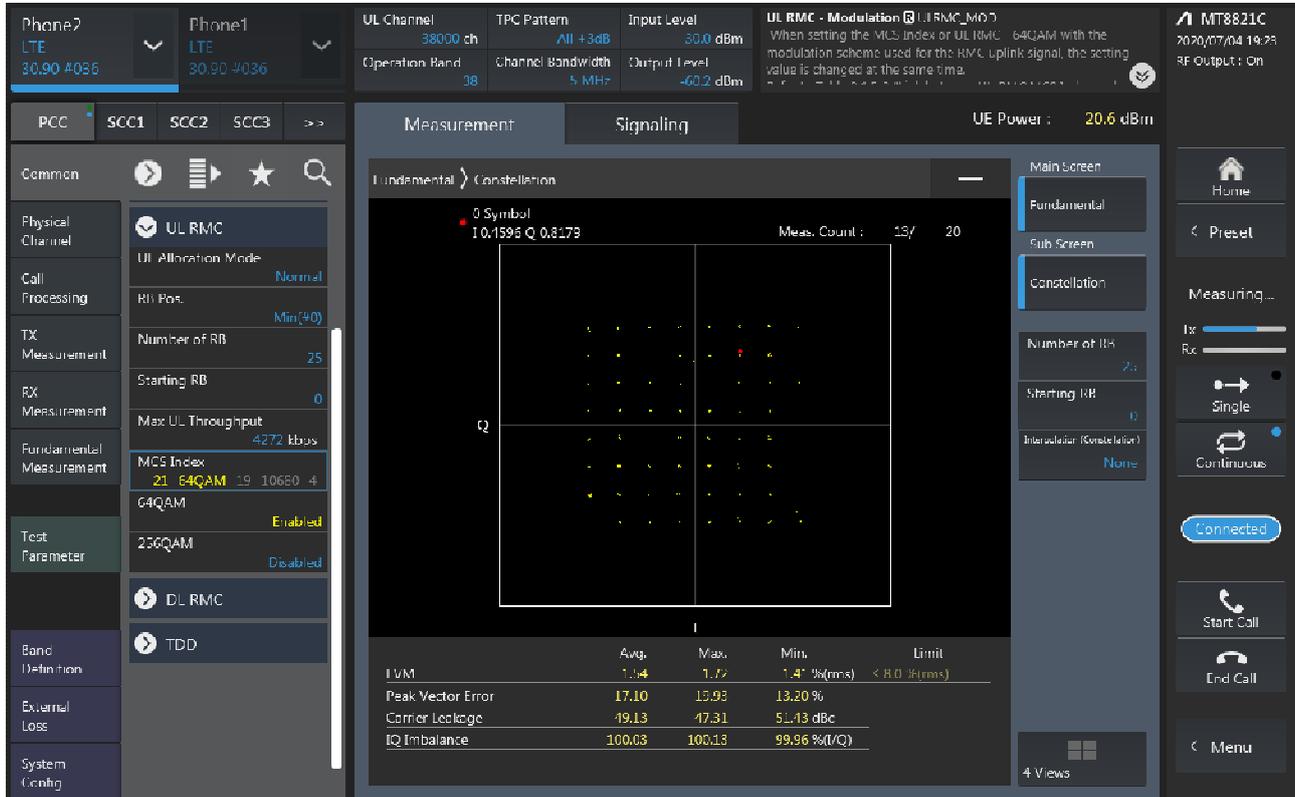


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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.476	4.960	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.466	4.970	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.980	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.010	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	5.050	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.476	5.040	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.970	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.960	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.950	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.680	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.700	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.680	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.740	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.911	9.740	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.620	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.640	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.660	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	16.230	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	16.500	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	16.230	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	14.790	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.487	15.060	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	15.060	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	15.210	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.060	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	15.030	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.942	19.560	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.600	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.862	19.520	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.400	PASS



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Band38	20MHz	64QAM	38000	100RB#0	17.902	19.640	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.862	19.320	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.902	20.200	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.902	19.800	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.862	19.640	PASS

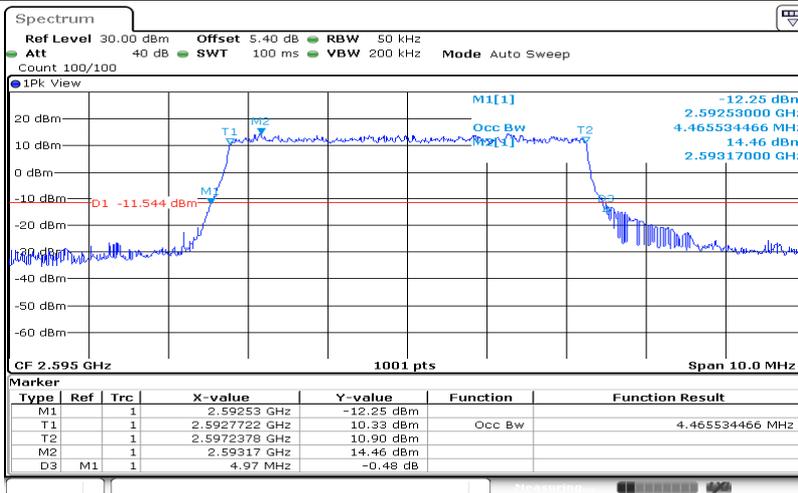
4.2. Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.476



Date: 19.MAY.2020 01:20:18

Band38-5MHz-QPSK-38000-25RB#0-4.466

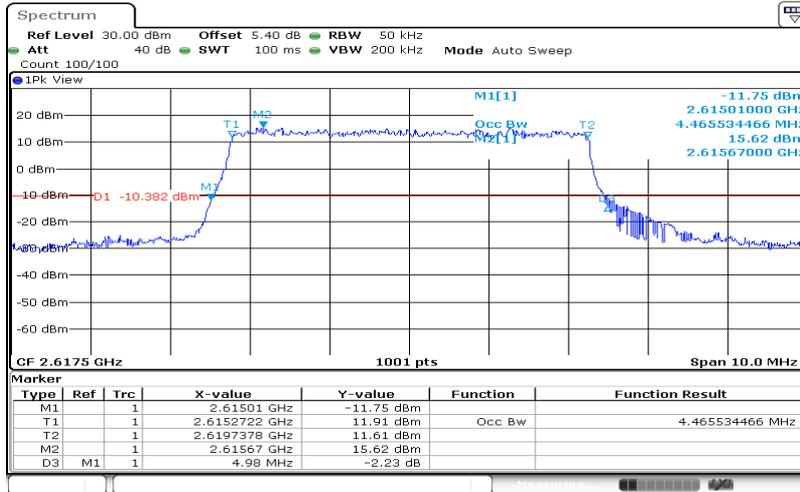


Date: 19.MAY.2020 01:20:58



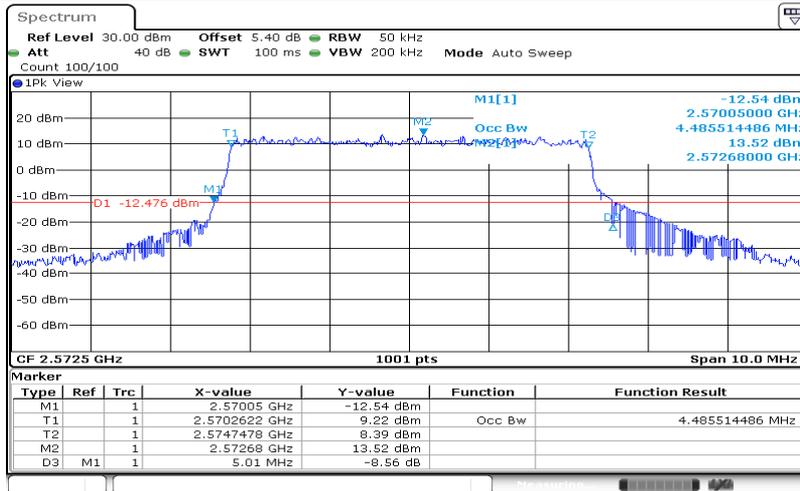
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Band38-5MHz-QPSK-38225-25RB#0-4.466



Date: 19.MAY.2020 01:21:37

Band38-5MHz-64QAM-37775-25RB#0-4.486



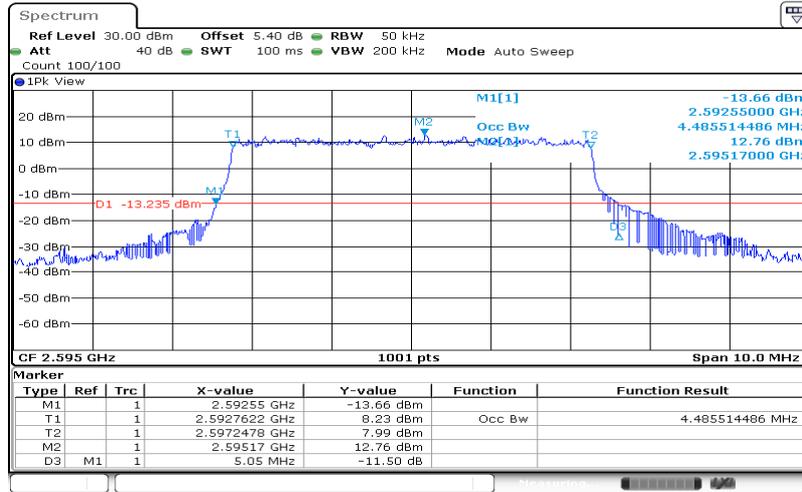
Date: 22.MAY.2020 10:58:33



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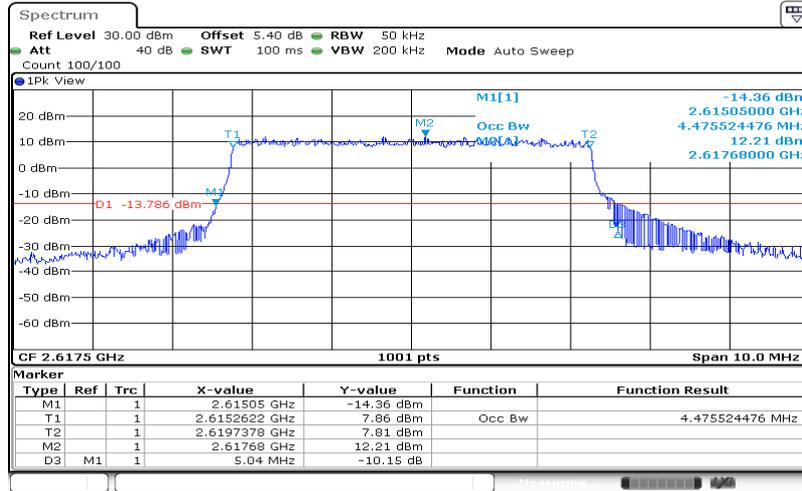
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Band38-5MHz-64QAM-38000-25RB#0-4.486



Date: 22.MAY.2020 10:58:53

Band38-5MHz-64QAM-38225-25RB#0-4.476



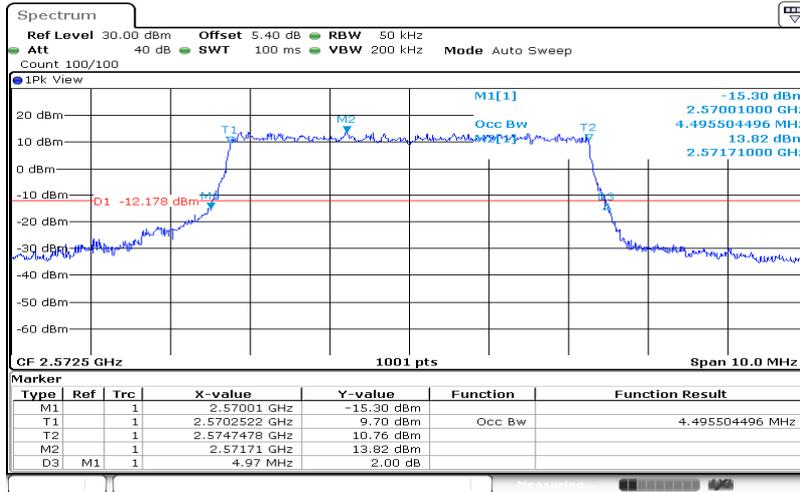
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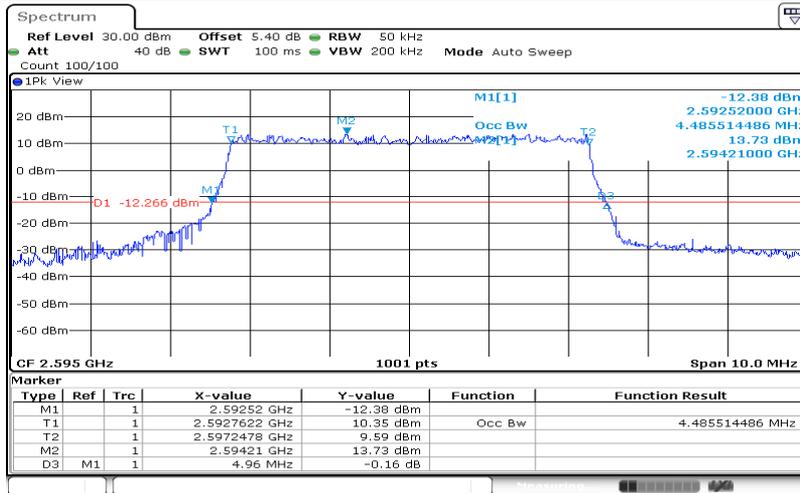
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Band38-5MHz-16QAM-3775-25RB#0-4.496



Date: 19.MAY.2020 01:20:38

Band38-5MHz-16QAM-38000-25RB#0-4.486

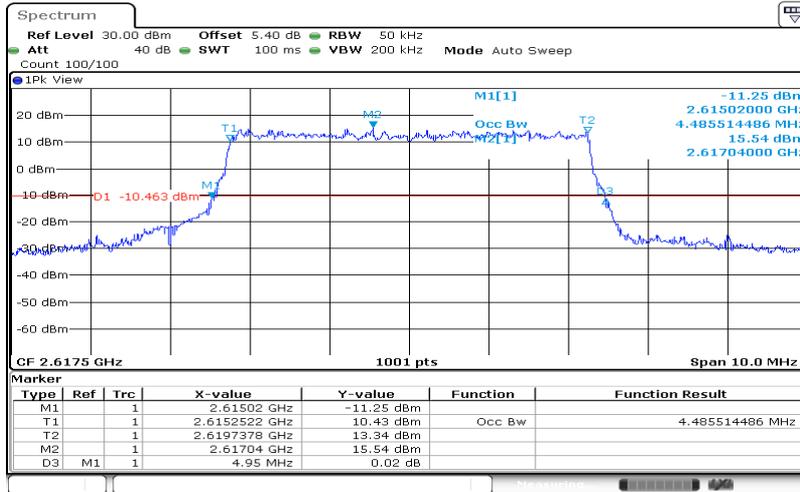


Date: 19.MAY.2020 01:21:17



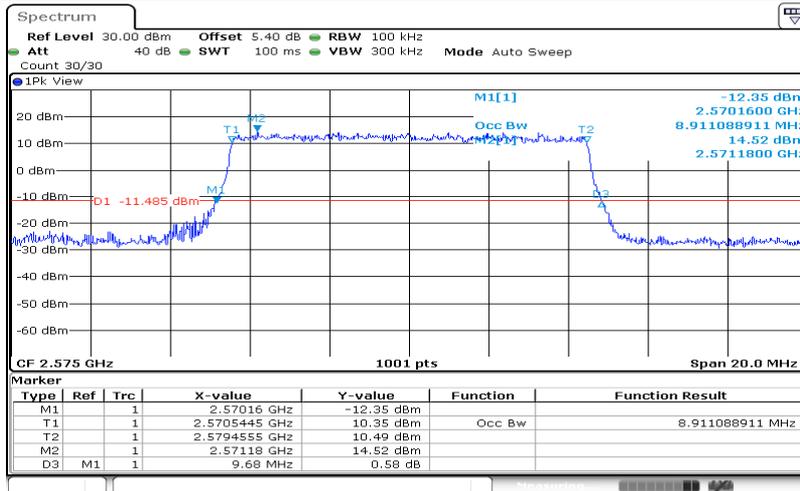
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Band38-5MHz-16QAM-38225-25RB#0-4.486



Date: 19.MAY.2020 01:21:57

Band38-10MHz-QPSK-37800-50RB#0-8.911



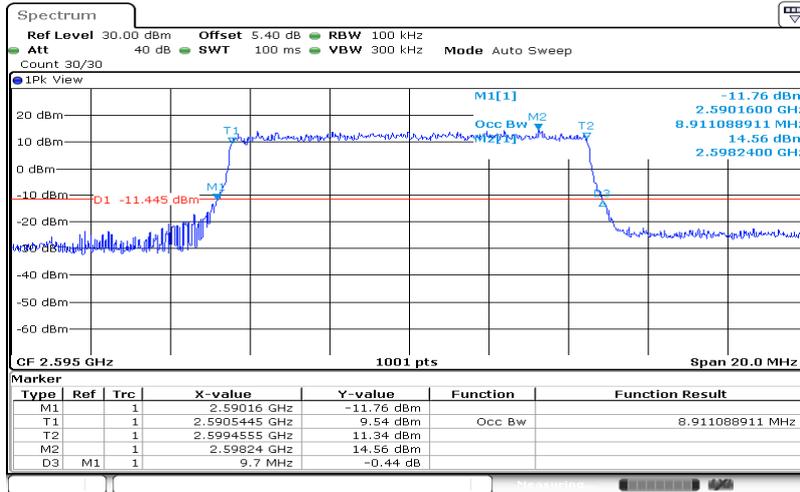
Date: 19.MAY.2020 01:22:15



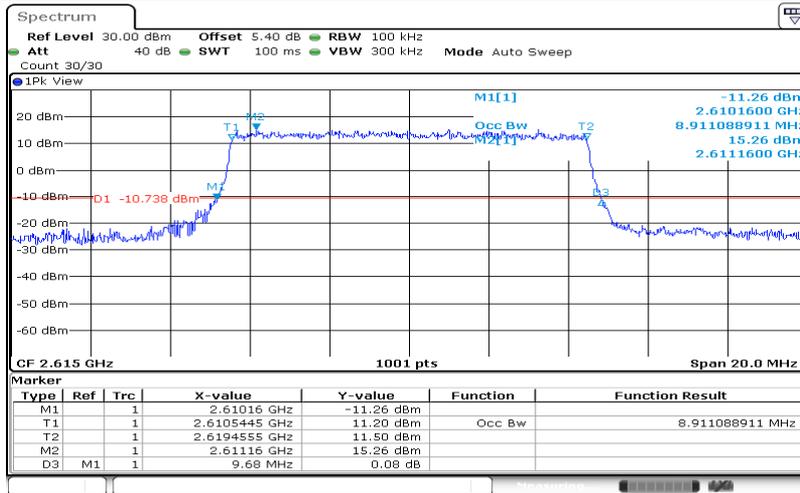
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Band38-10MHz-QPSK-38000-50RB#0-8.911



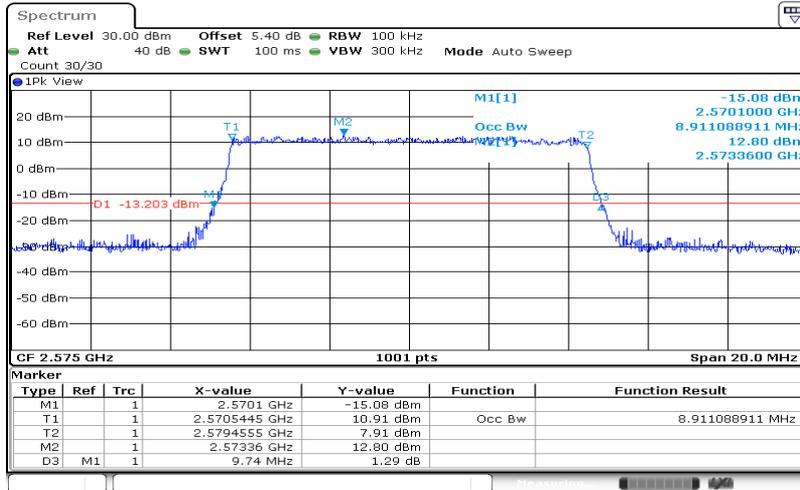
Band38-10MHz-QPSK-38200-50RB#0-8.911



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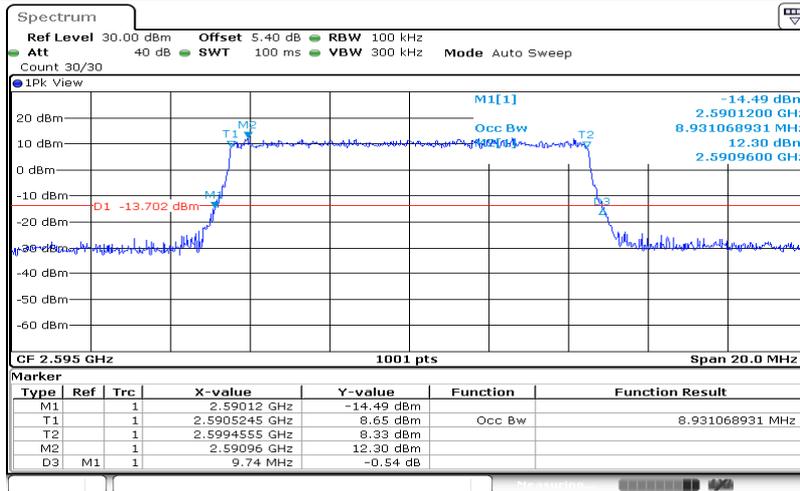
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Band38-10MHz-64QAM-37800-50RB#0-8.911



Date: 22.MAY.2020 10:59:31

Band38-10MHz-64QAM-38000-50RB#0-8.931



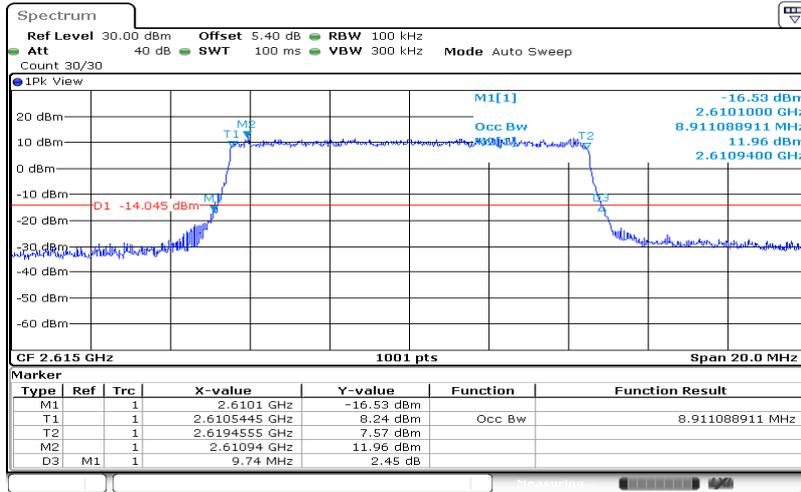
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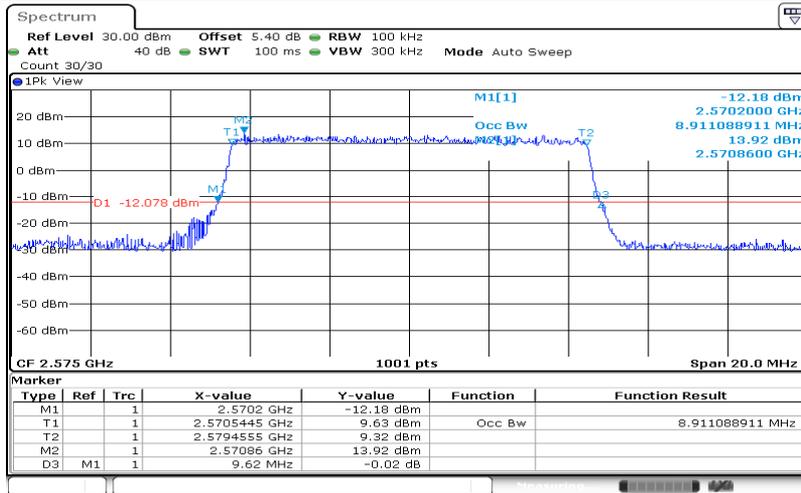
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Band38-10MHz-64QAM-38200-50RB#0-8.911



Date: 22.MAY.2020 10:59:57

Band38-10MHz-16QAM-37800-50RB#0-8.911



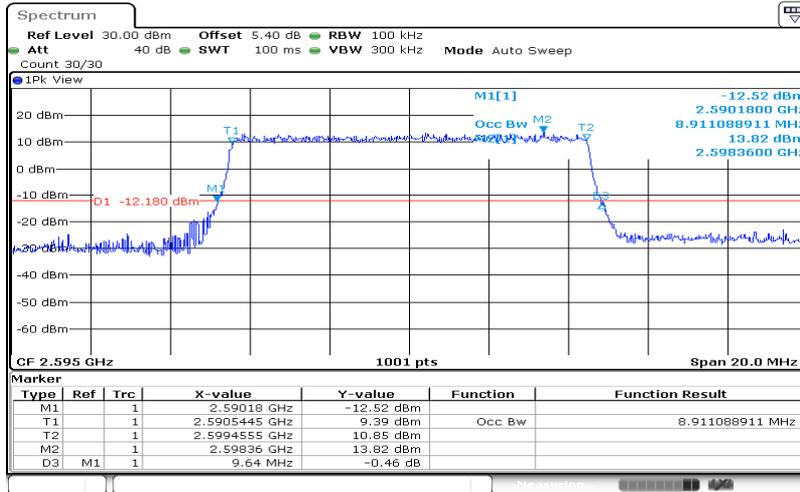
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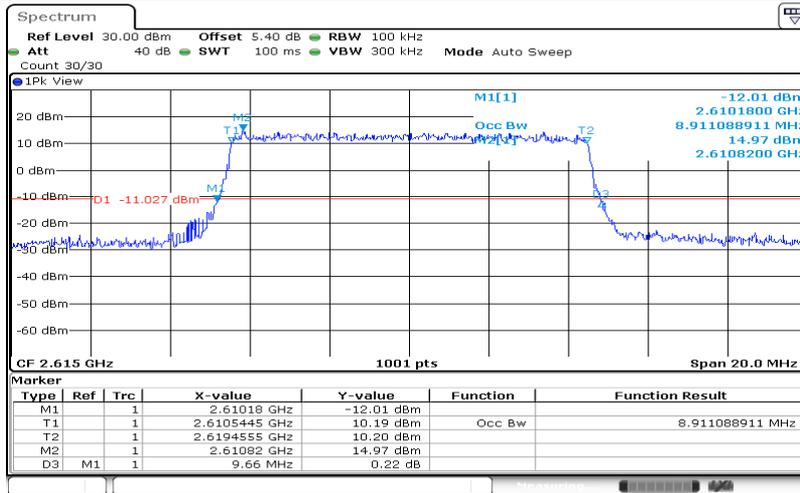
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Band38-10MHz-16QAM-38000-50RB#0-8.911



Date: 19.MAY.2020 01:22:53

Band38-10MHz-16QAM-38200-50RB#0-8.911



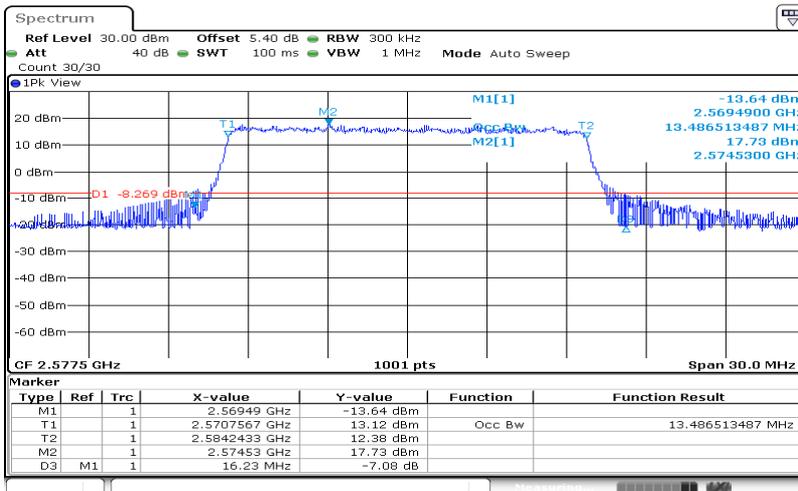
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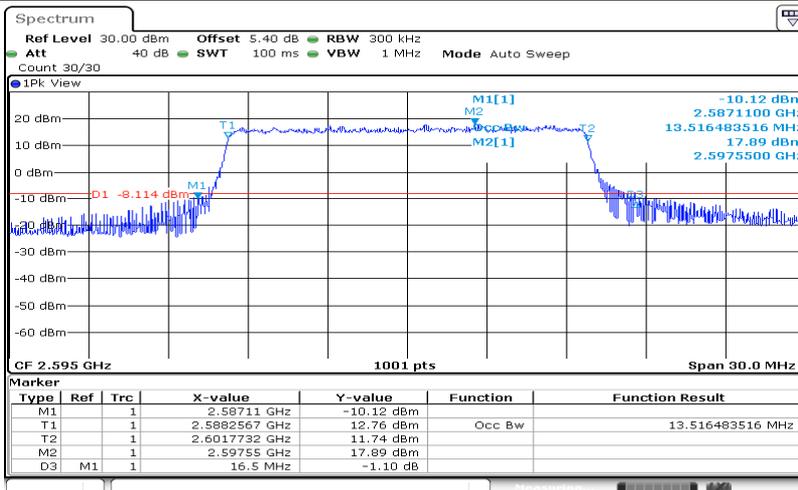
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Band38-15MHz-QPSK-37825-75RB#0-13.487



Date: 19.MAY.2020 01:23:36

Band38-15MHz-QPSK-38000-75RB#0-13.516

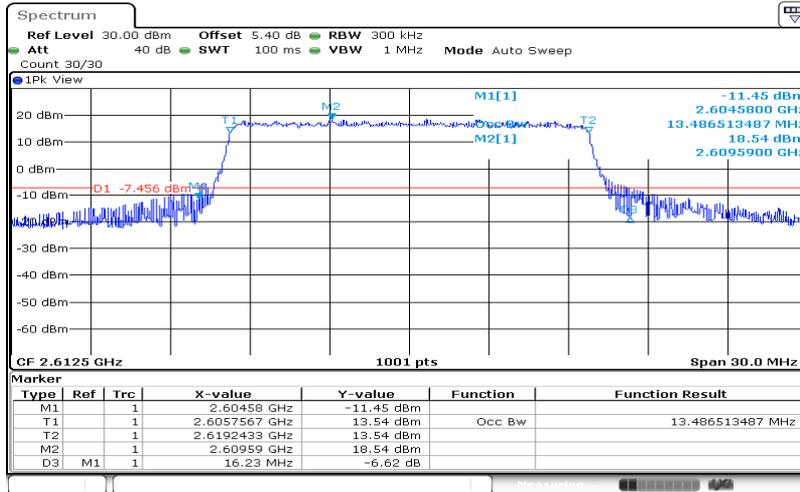


Date: 19.MAY.2020 01:24:02



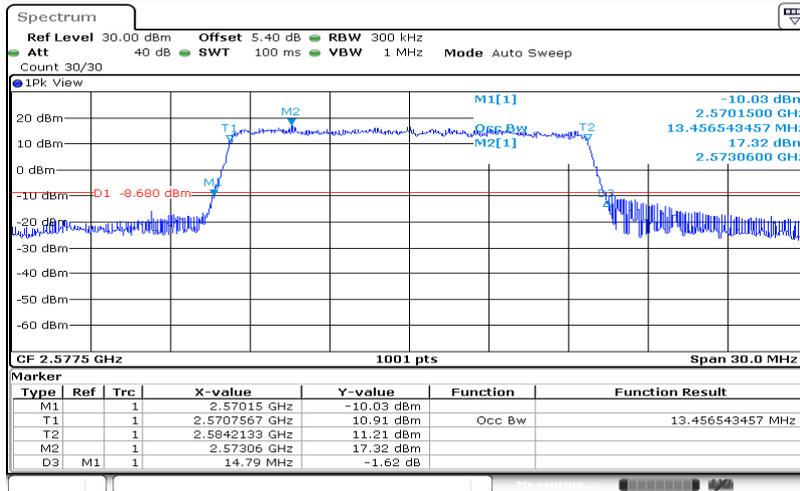
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Band38-15MHz-QPSK-38175-75RB#0-13.487



Date: 19.MAY.2020 01:24:27

Band38-15MHz-64QAM-37825-75RB#0-13.457



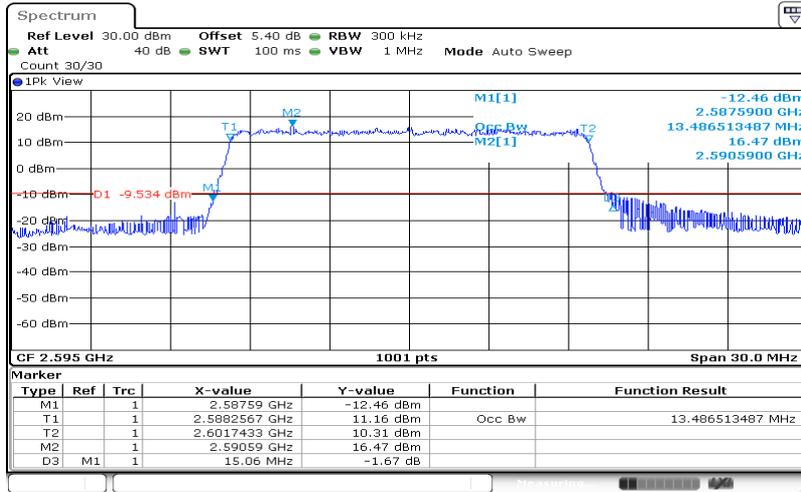
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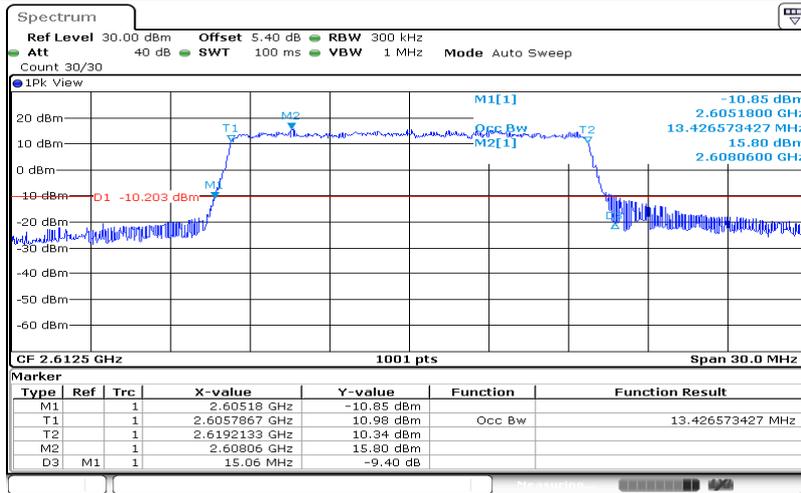
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Band38-15MHz-64QAM-38000-75RB#0-13.487



Date: 22.MAY.2020 11:00:27

Band38-15MHz-64QAM-38175-75RB#0-13.427

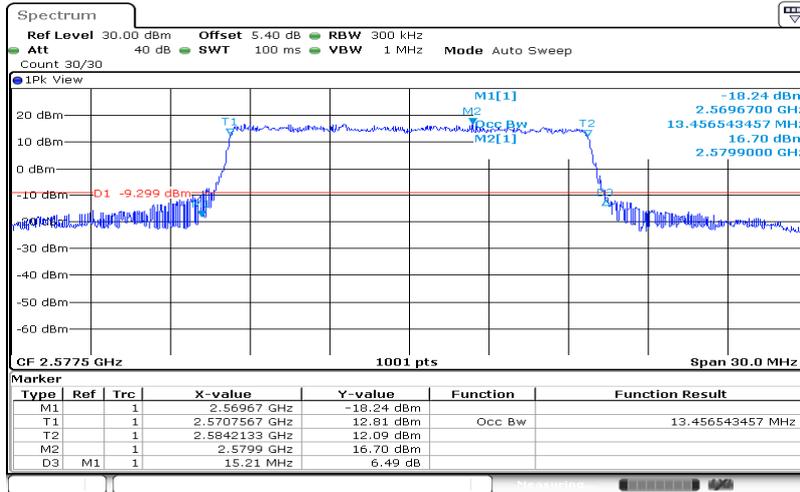


Date: 22.MAY.2020 11:00:41



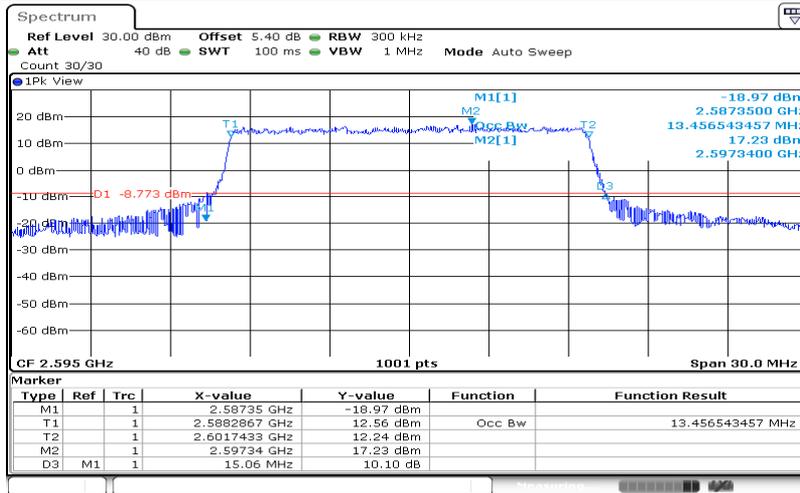
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Band38-15MHz-16QAM-37825-75RB#0-13.457



Date: 19.MAY.2020 01:23:49

Band38-15MHz-16QAM-38000-75RB#0-13.457



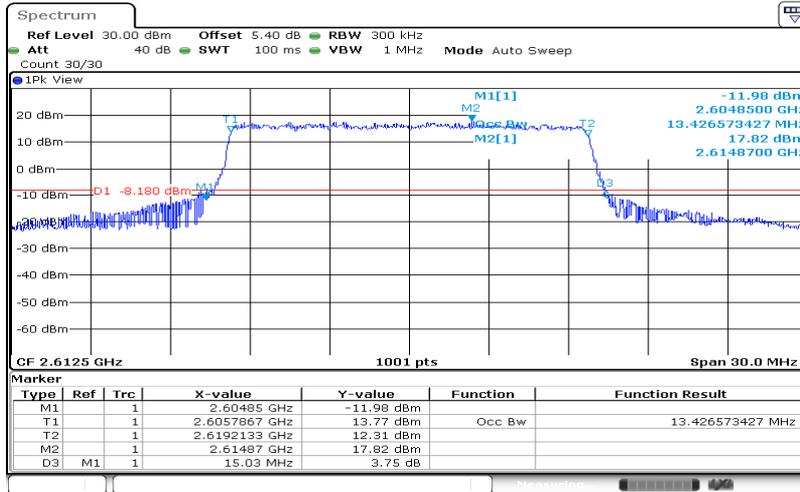
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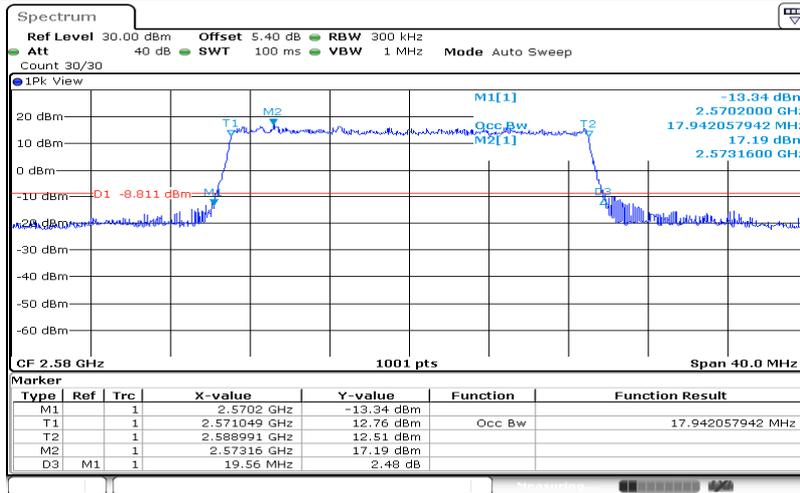
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Band38-15MHz-16QAM-38175-75RB#0-13.427



Date: 19.MAY.2020 01:24:40

Band38-20MHz-QPSK-37850-100RB#0-17.942



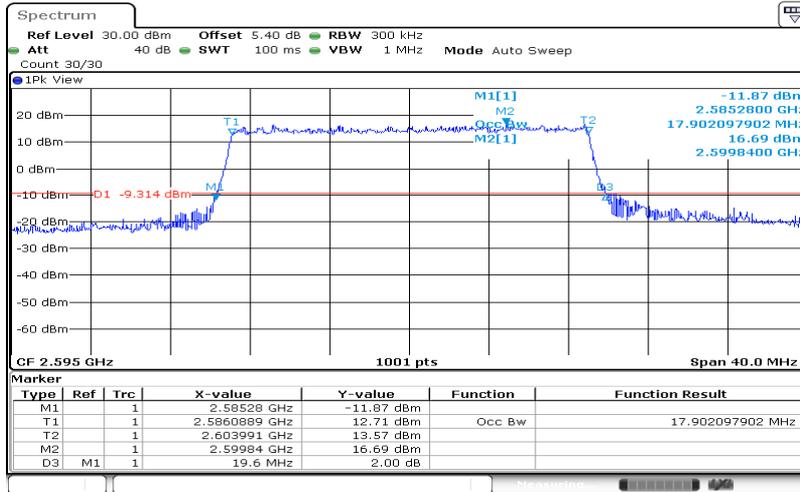
Date: 19.MAY.2020 01:24:57



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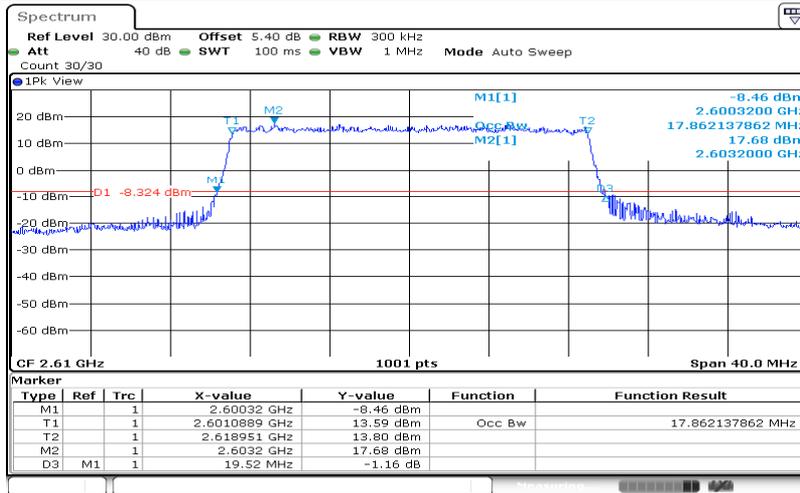
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Band38-20MHz-QPSK-38000-100RB#0-17.902



Date: 19.MAY.2020 01:25:23

Band38-20MHz-QPSK-38150-100RB#0-17.862

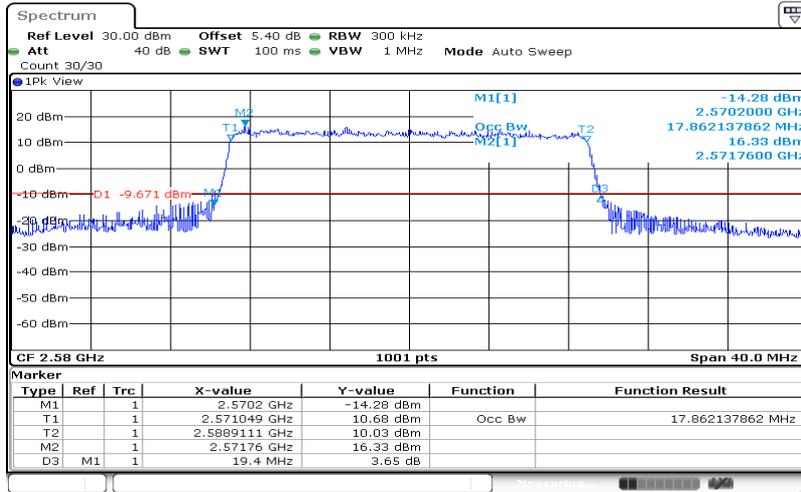


Date: 19.MAY.2020 01:25:49



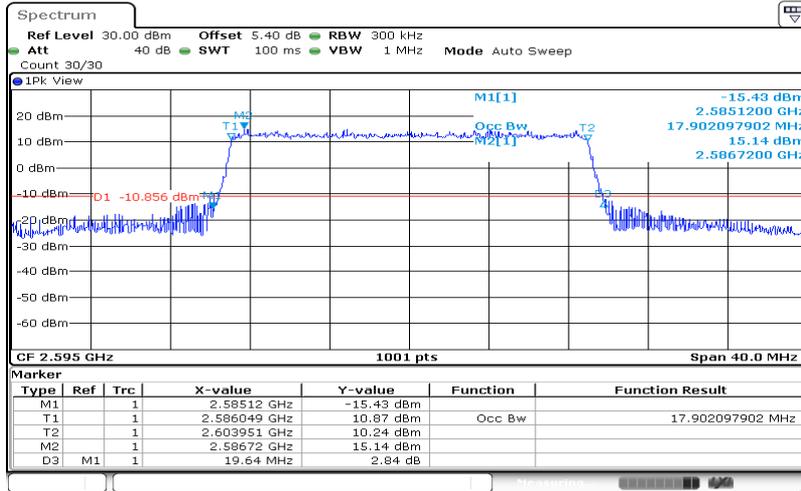
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Band38-20MHz-64QAM-37850-100RB#0-17.862



Date: 22.MAY.2020 11:01:04

Band38-20MHz-64QAM-38000-100RB#0-17.902



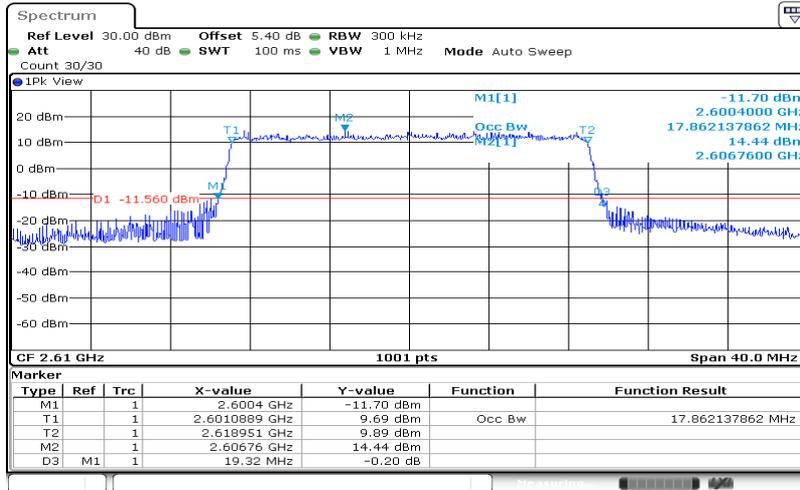
Date: 22.MAY.2020 11:01:17



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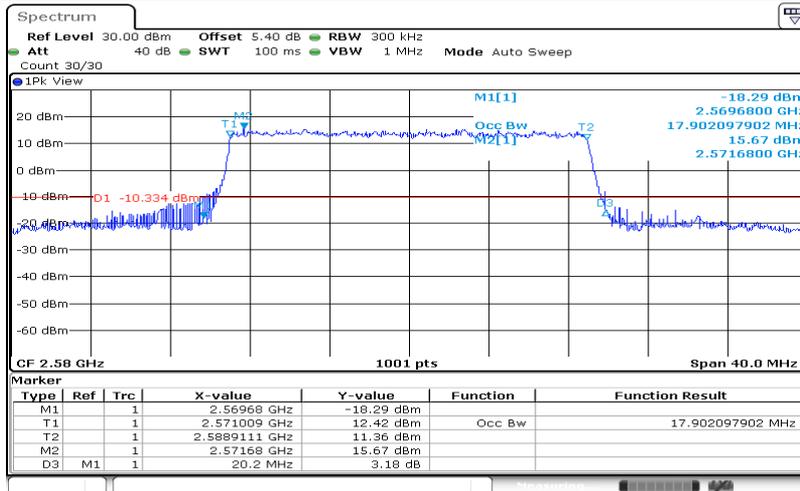
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Band38-20MHz-64QAM-38150-100RB#0-17.862



Date: 22.MAY.2020 11:01:30

Band38-20MHz-16QAM-37850-100RB#0-17.902



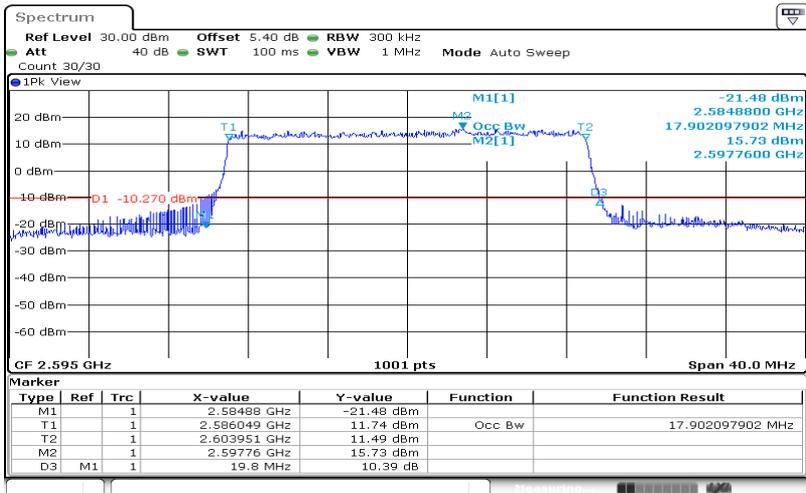
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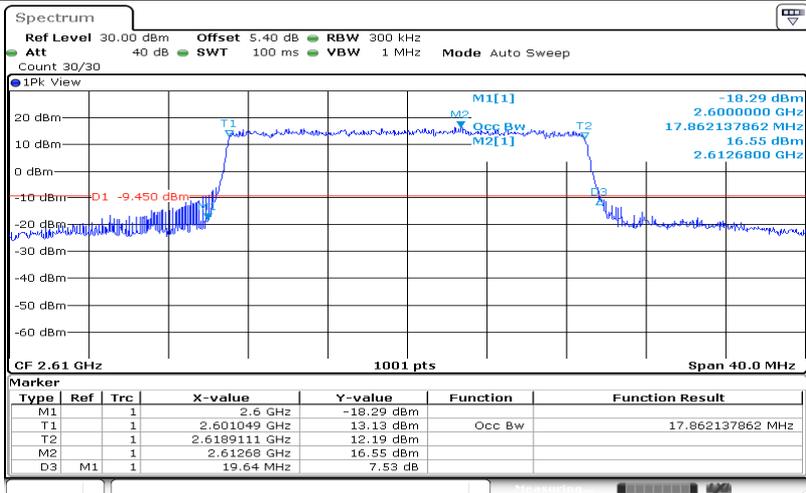
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Band38-20MHz-16QAM-38000-100RB#0-17.902



Date: 19.MAY.2020 01:25:36

Band38-20MHz-16QAM-38150-100RB#0-17.862



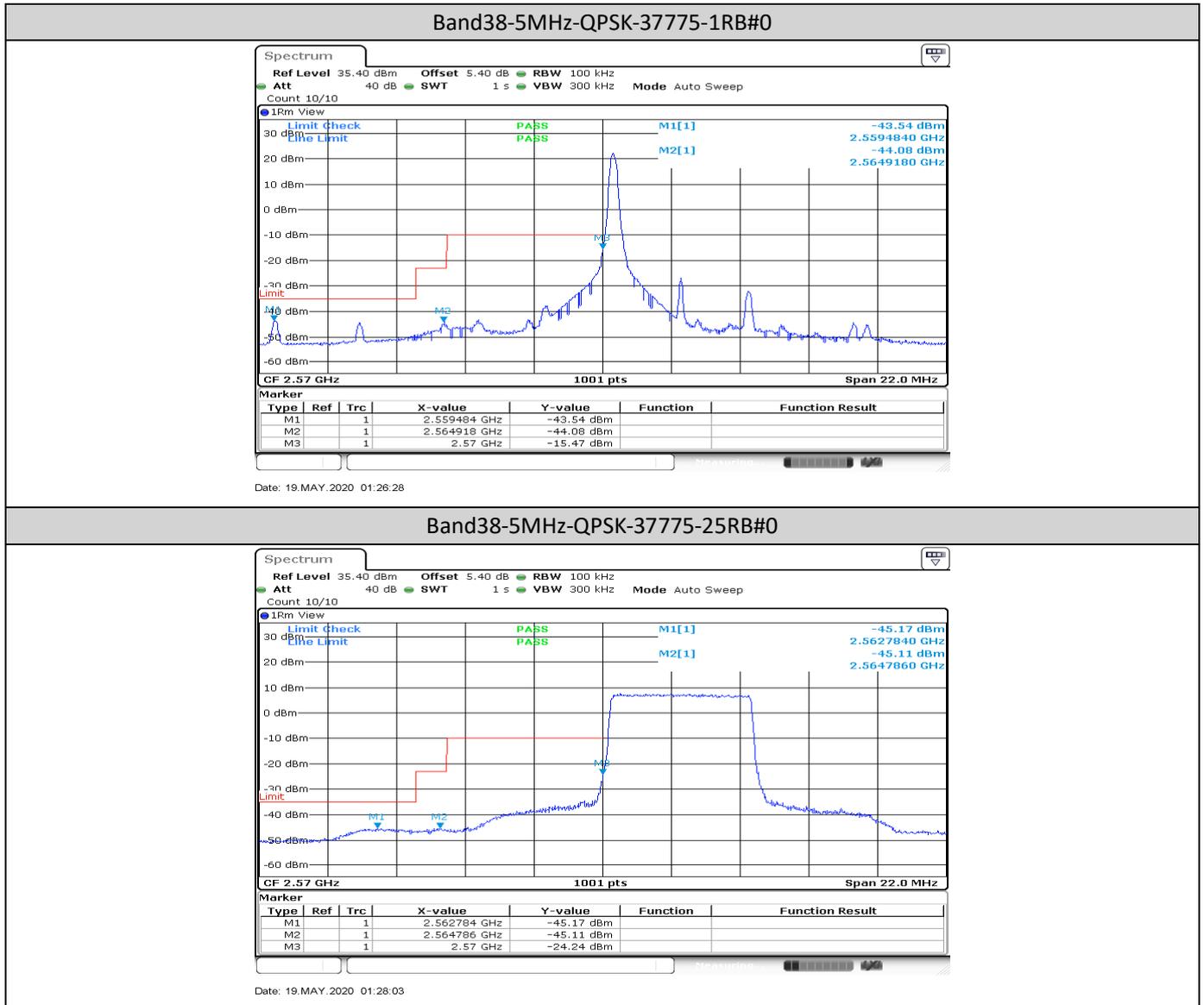
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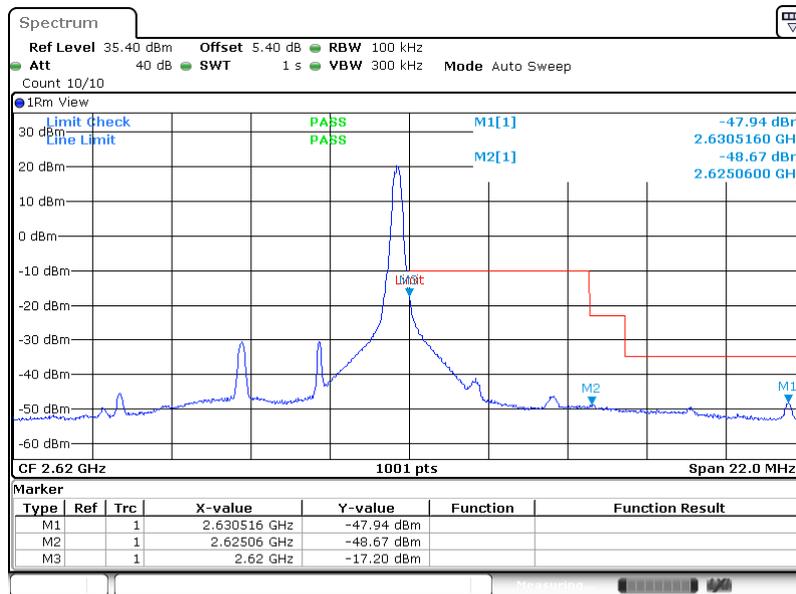
5. Band Edge Compliance

5.1. Test Plots



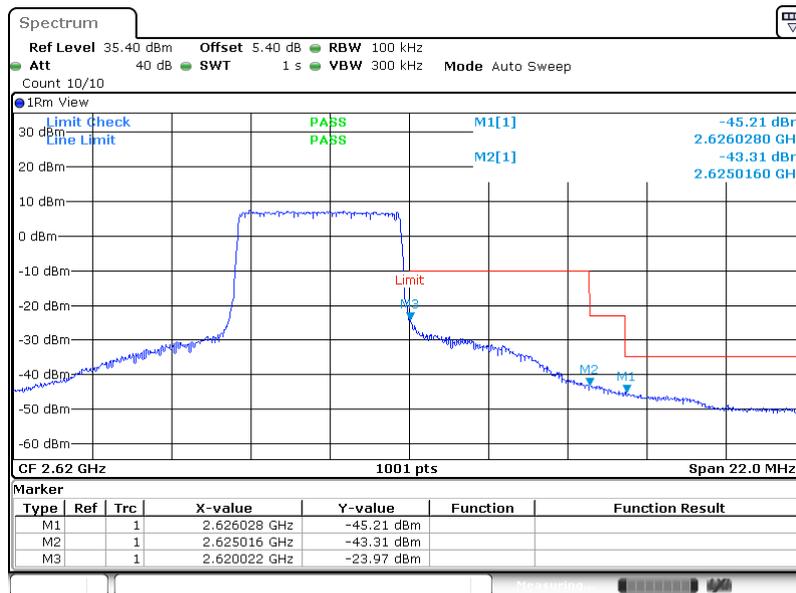
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Band38-5MHz-QPSK-38225-1RB#24



Date: 27.MAY.2020 10:19:01

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

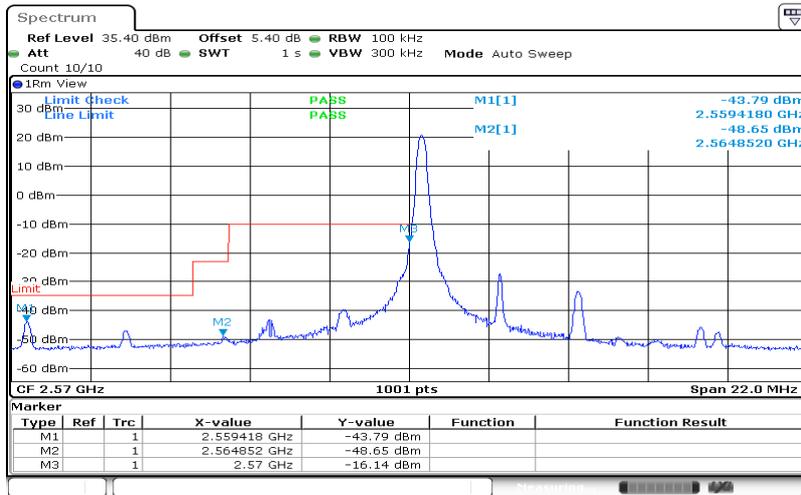


Date: 27.MAY.2020 07:12:32



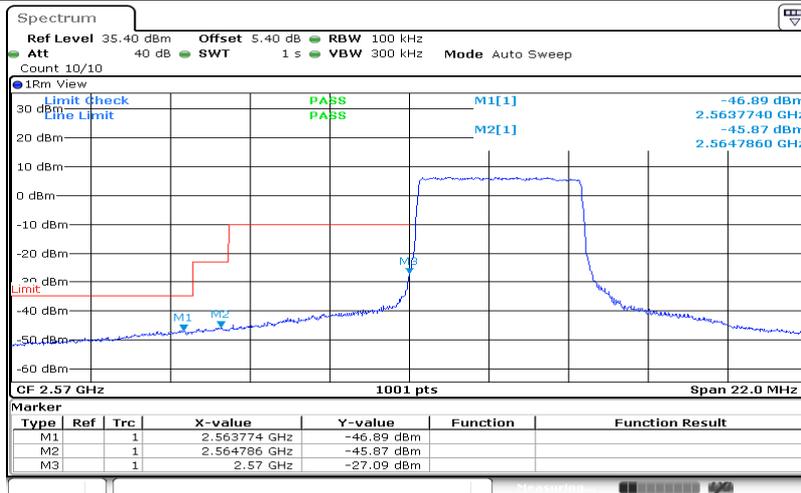
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Band38-5MHz-64QAM-37775-1RB#0



Date: 22.MAY.2020 11:01:57

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

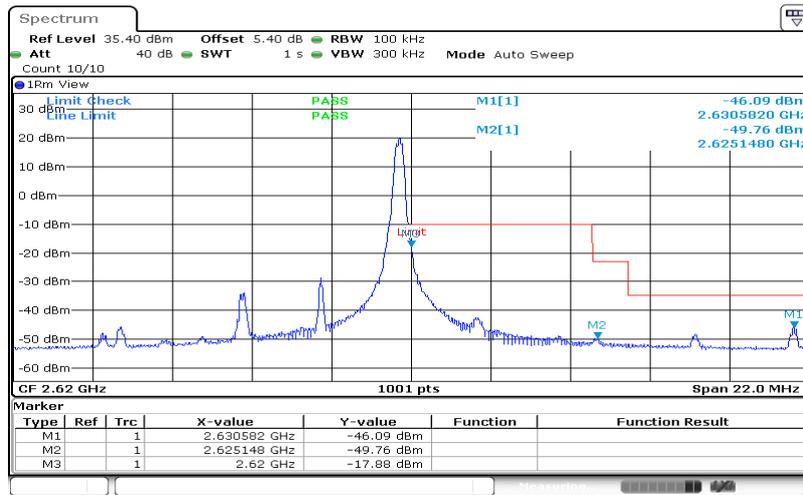


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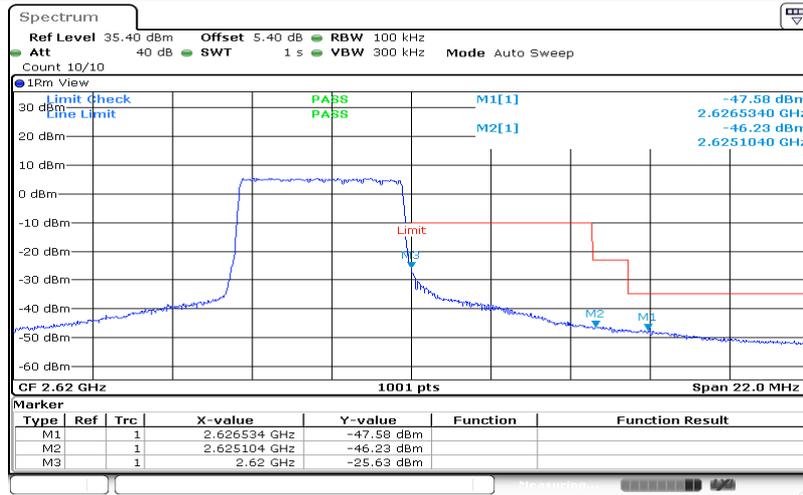
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Band38-5MHz-64QAM-38225-1RB#24



Date: 22.MAY.2020 11:05:45

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



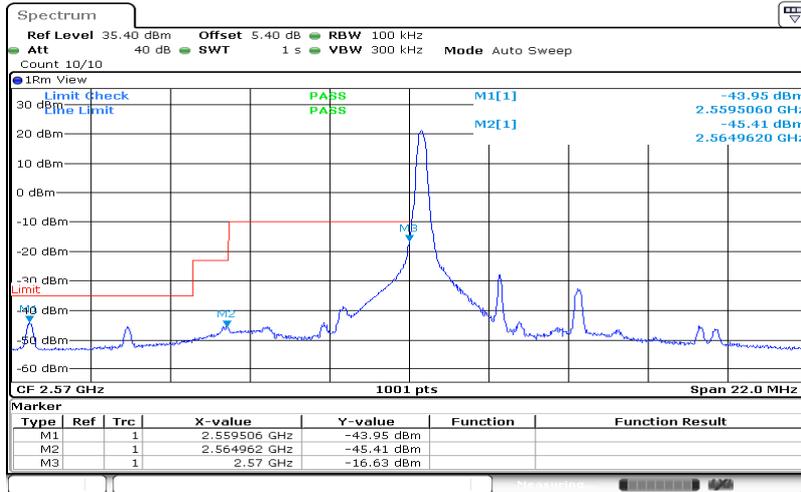
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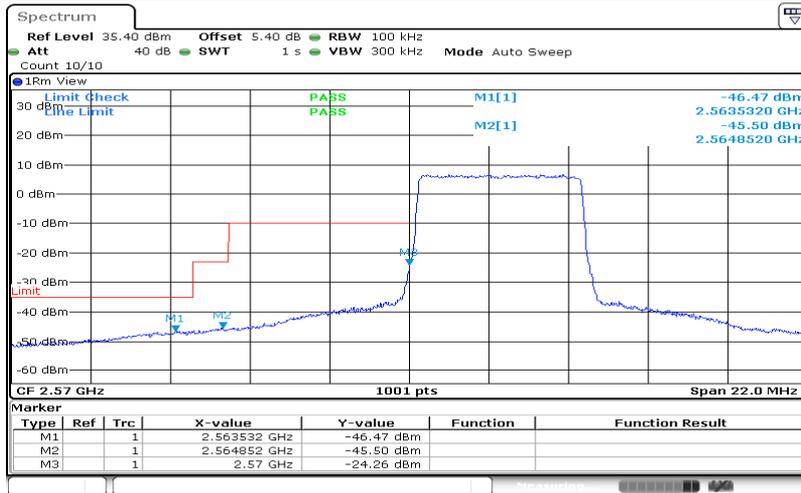
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Band38-5MHz-16QAM-37775-1RB#0



Date: 19.MAY.2020 01:26:49

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



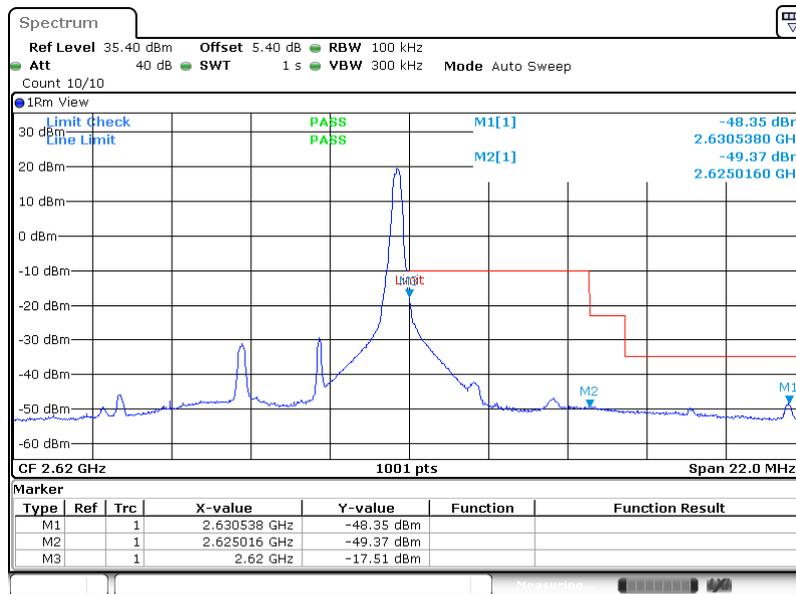
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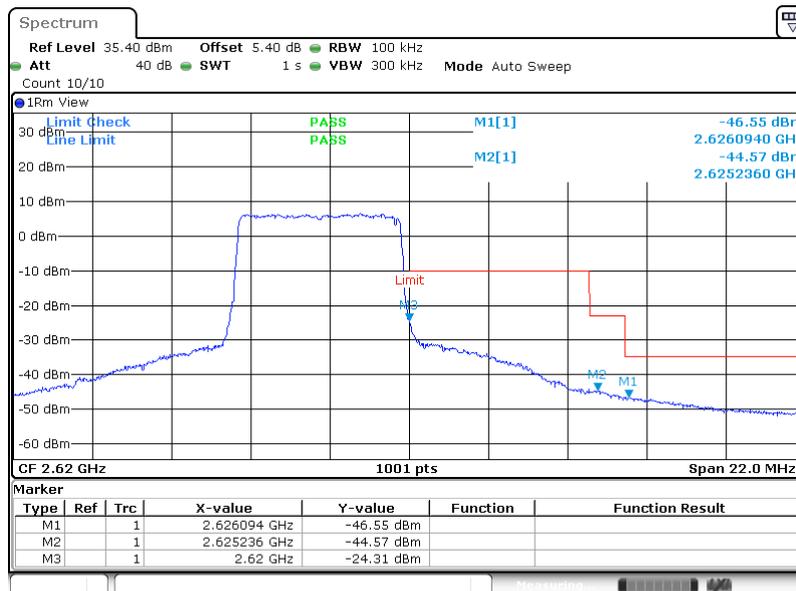
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Band38-5MHz-16QAM-38225-1RB#24



Date: 27 MAY 2020 10:20:03

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



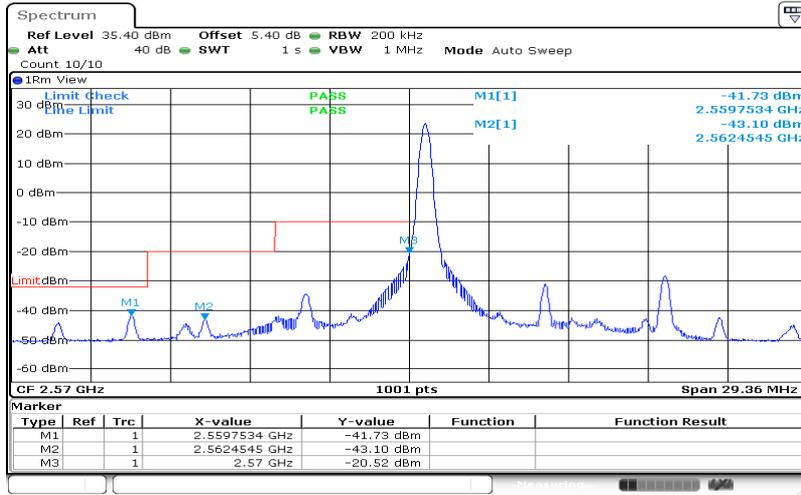
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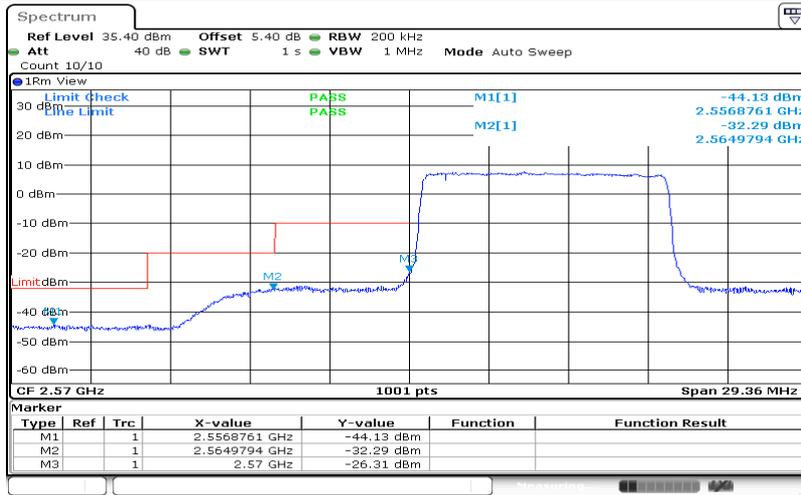
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Band38-10MHz-QPSK-37800-1RB#0



Date: 19.MAY.2020 01:29:34

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



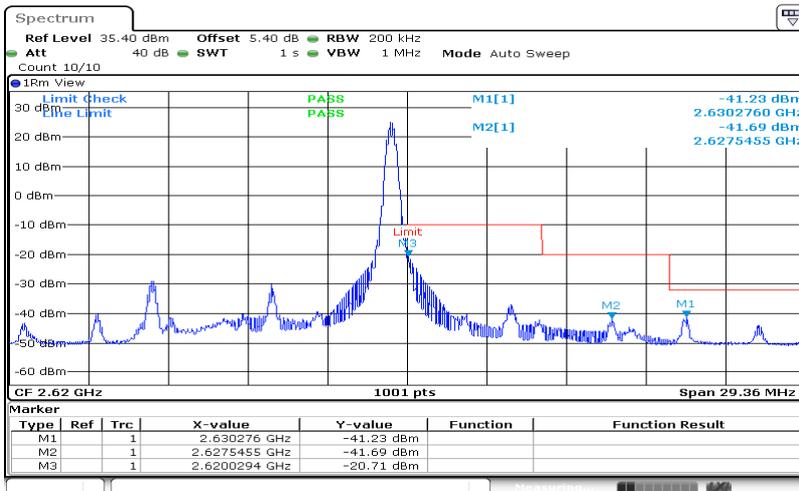
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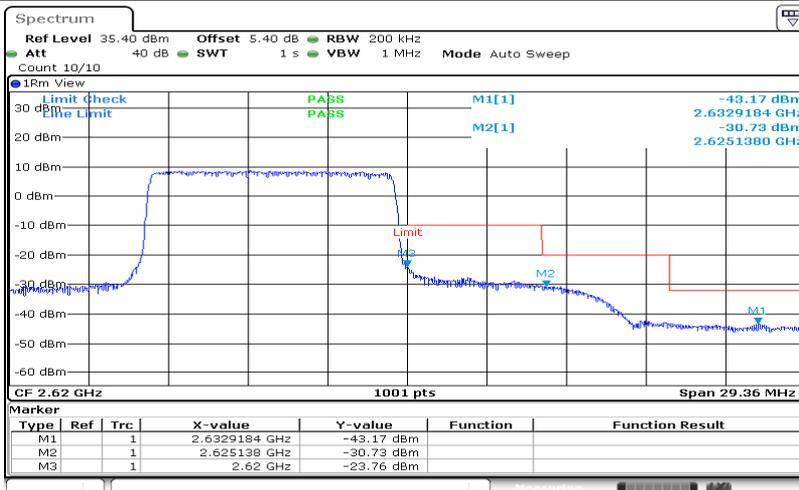
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Band38-10MHz-QPSK-38200-1RB#49



Date: 19.MAY.2020 01:30:22

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

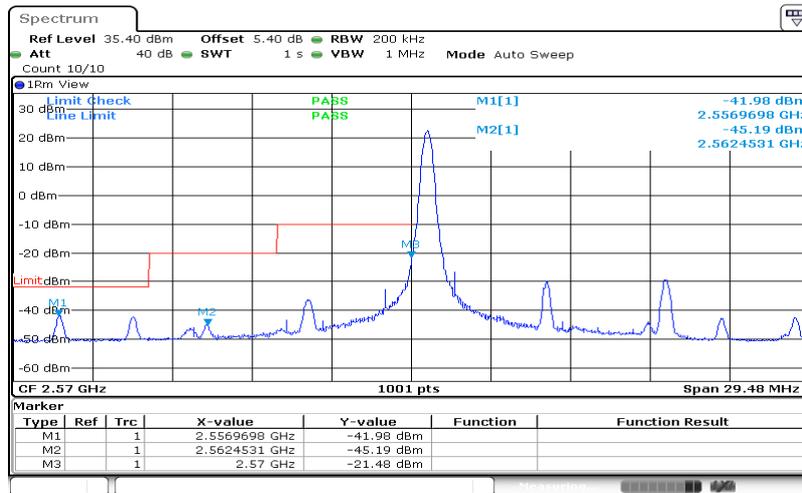


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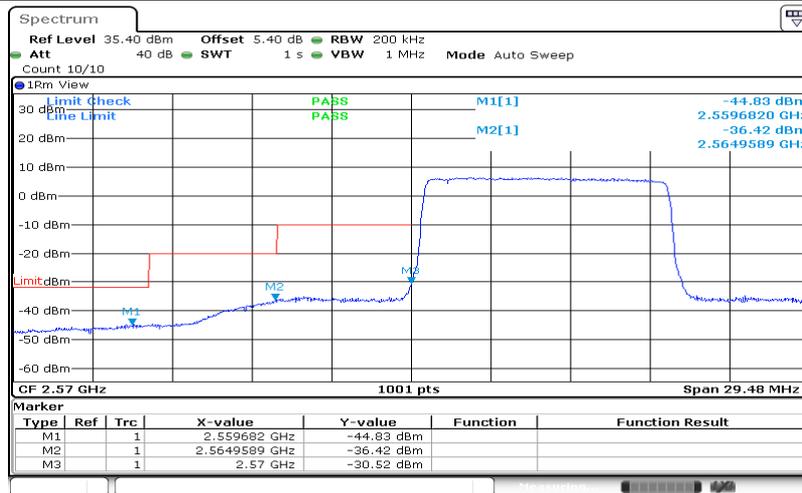
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Band38-10MHz-64QAM-37800-1RB#0



Date: 22.MAY.2020 11:07:36

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



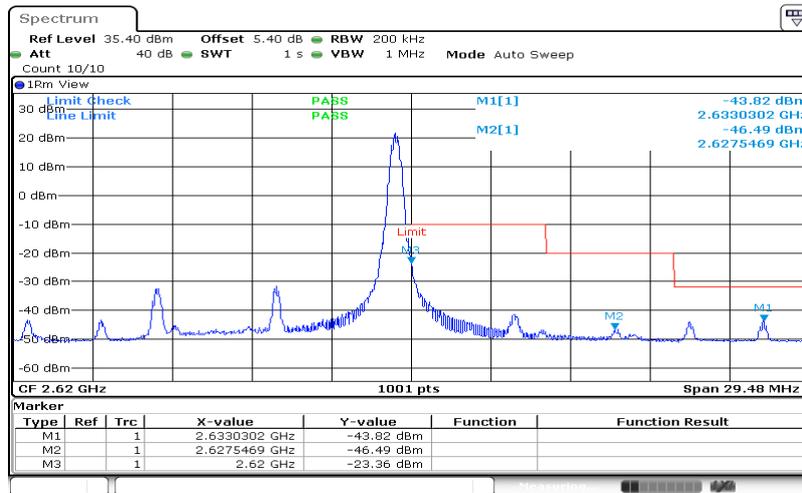
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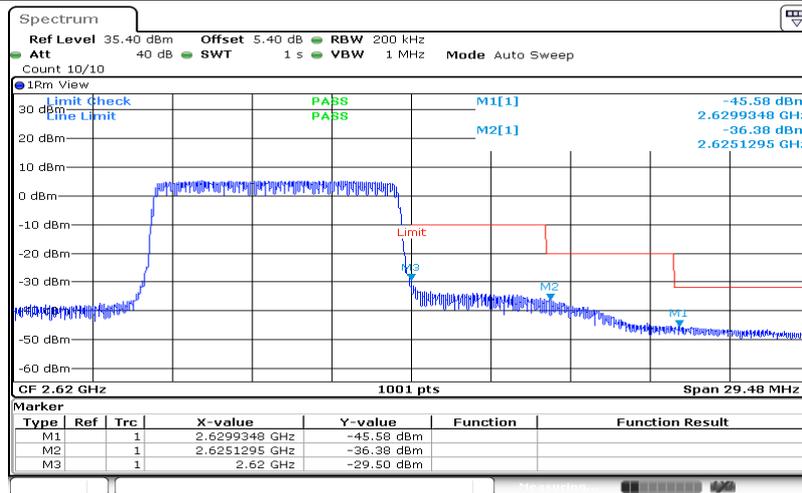
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Band38-10MHz-64QAM-38200-1RB#49



Date: 22.MAY.2020 11:08:09

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



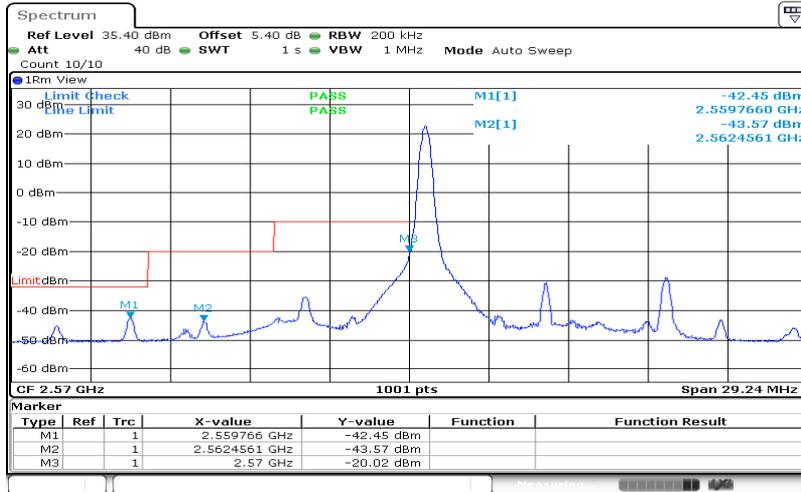
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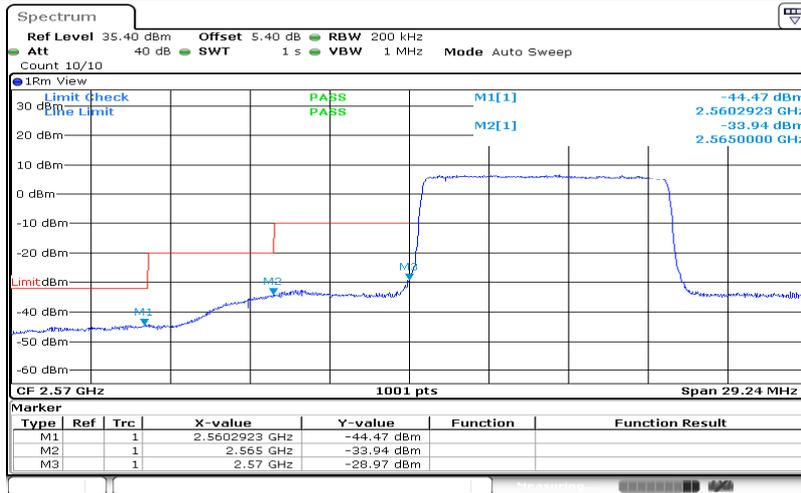
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Band38-10MHz-16QAM-37800-1RB#0



Date: 19.MAY.2020 01:29:56

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

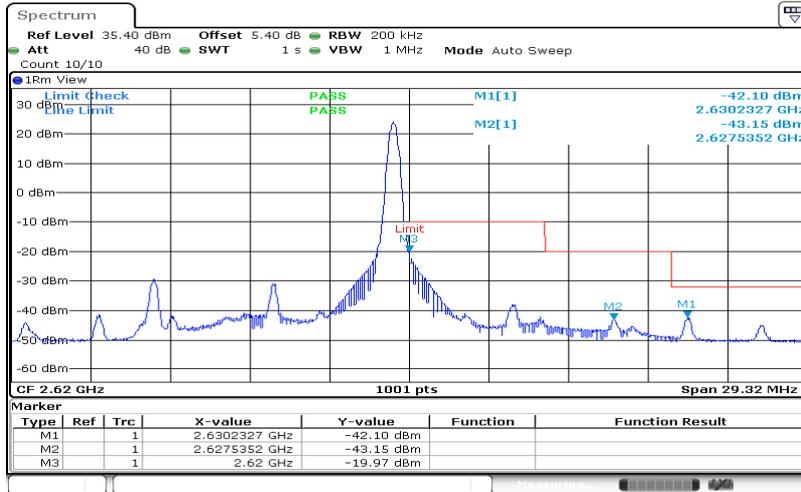


Date: 19.MAY.2020 01:31:32



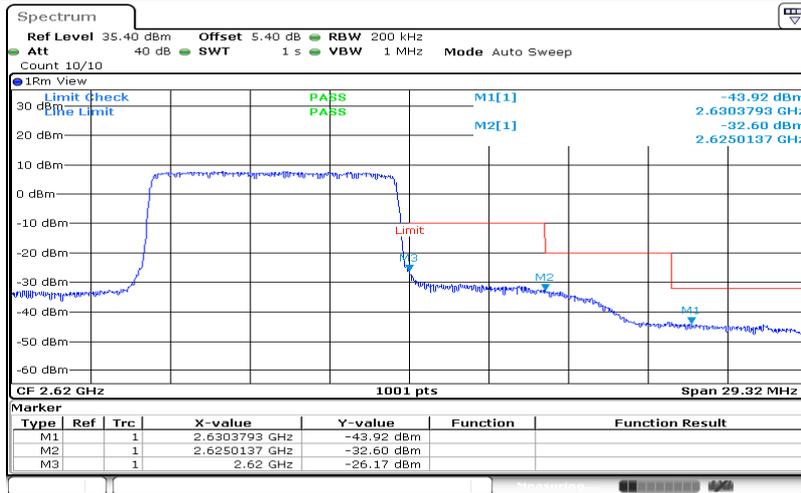
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Band38-10MHz-16QAM-38200-1RB#49



Date: 19.MAY.2020 01:30:44

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



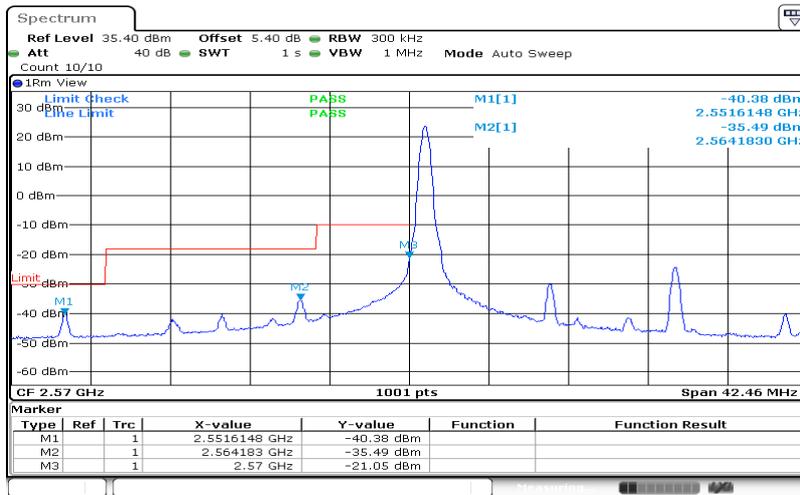
Date: 19.MAY.2020 01:32:15



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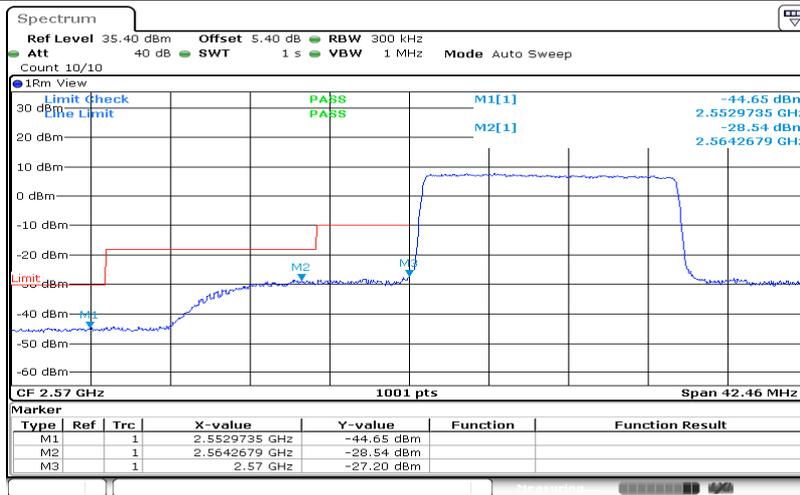
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Band38-15MHz-QPSK-37825-1RB#0



Date: 19.MAY.2020 01:32:41

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



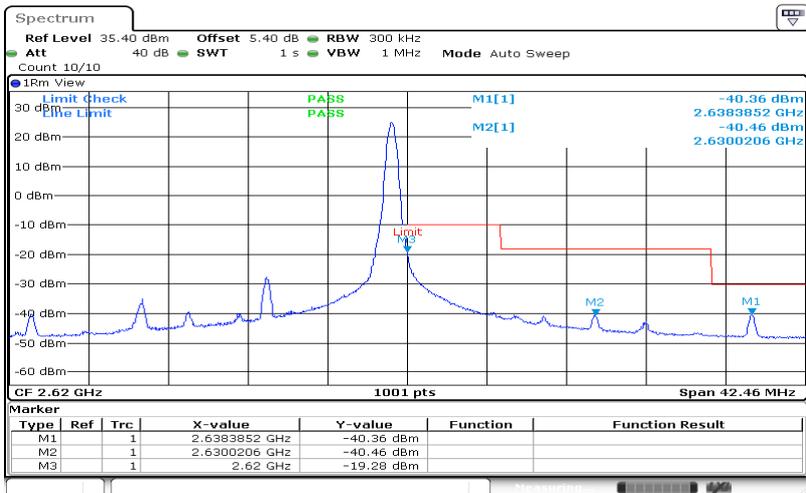
Date: 19.MAY.2020 01:34:16



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



Date: 19.MAY.2020 01:33:29

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

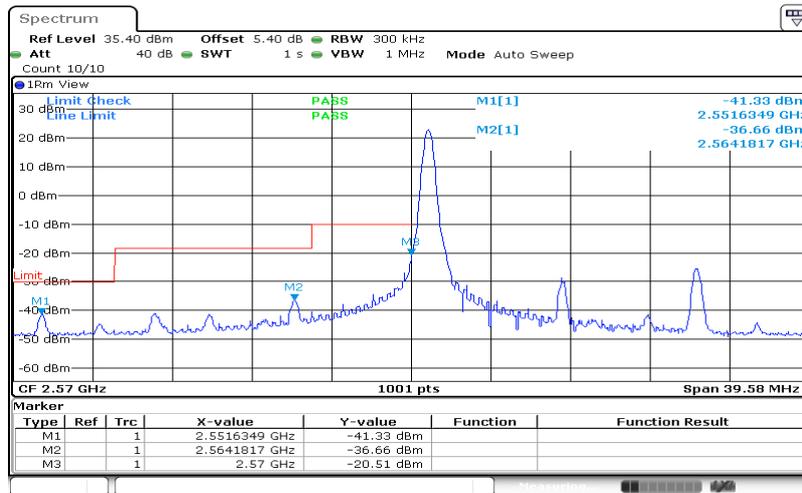


Date: 19.MAY.2020 01:35:00



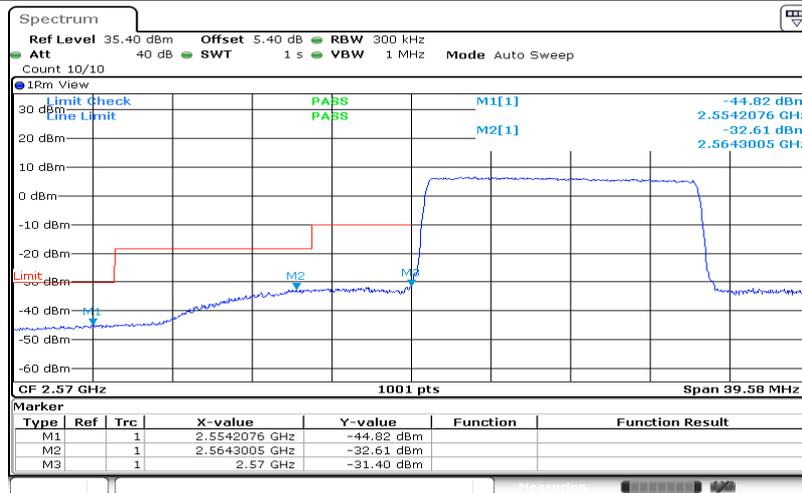
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Band38-15MHz-64QAM-37825-1RB#0



Date: 22.MAY.2020 11:09:23

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



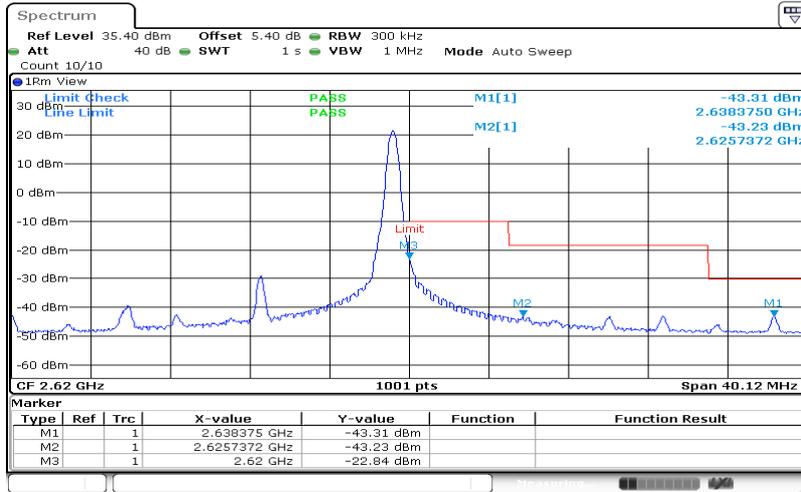
Date: 22.MAY.2020 11:10:16



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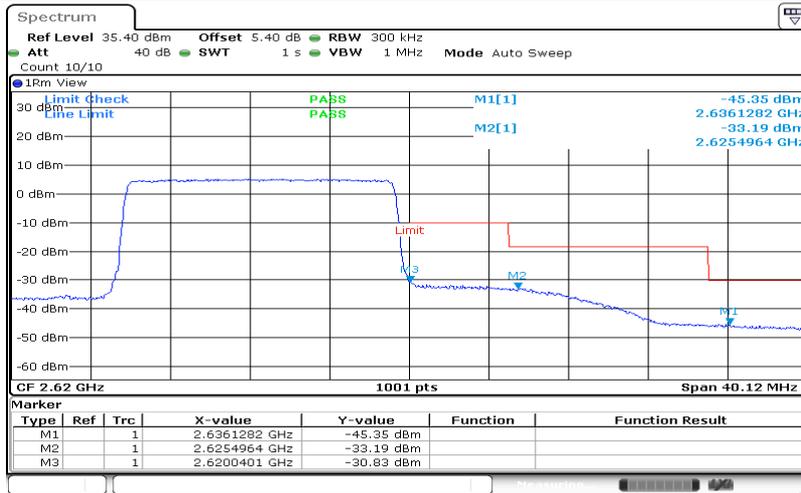
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Band38-15MHz-64QAM-38175-1RB#74



Date: 22.MAY.2020 11:09:49

Band38-15MHz-64QAM-38175-75RB#0



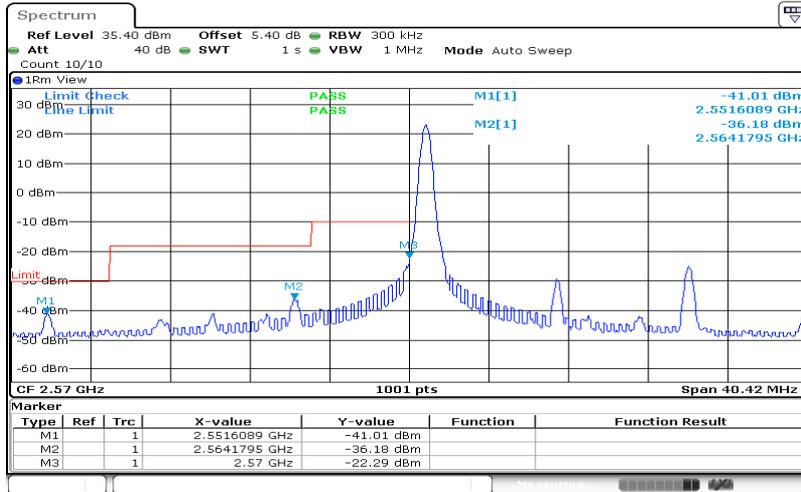
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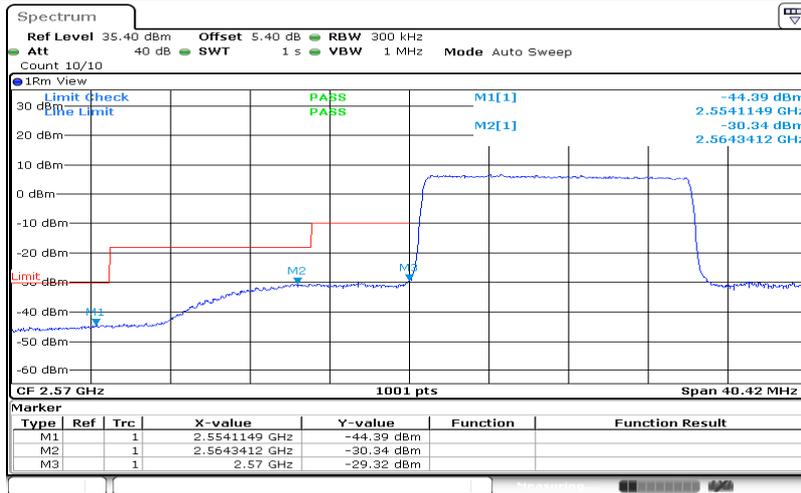
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Band38-15MHz-16QAM-37825-1RB#0



Date: 19.MAY.2020 01:33:03

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

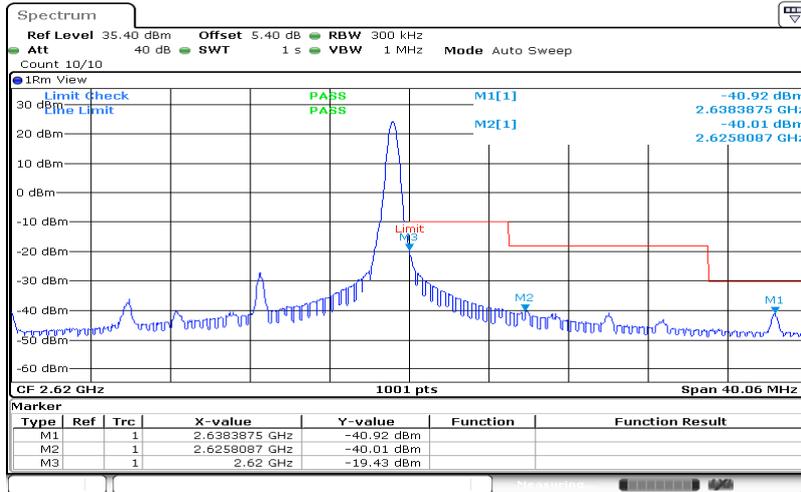


Date: 19.MAY.2020 01:34:38



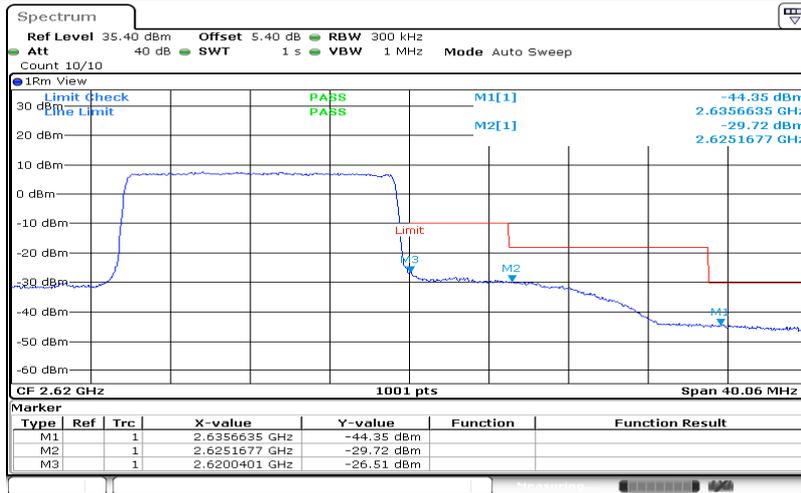
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Band38-15MHz-16QAM-38175-1RB#74



Date: 19.MAY.2020 01:33:50

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



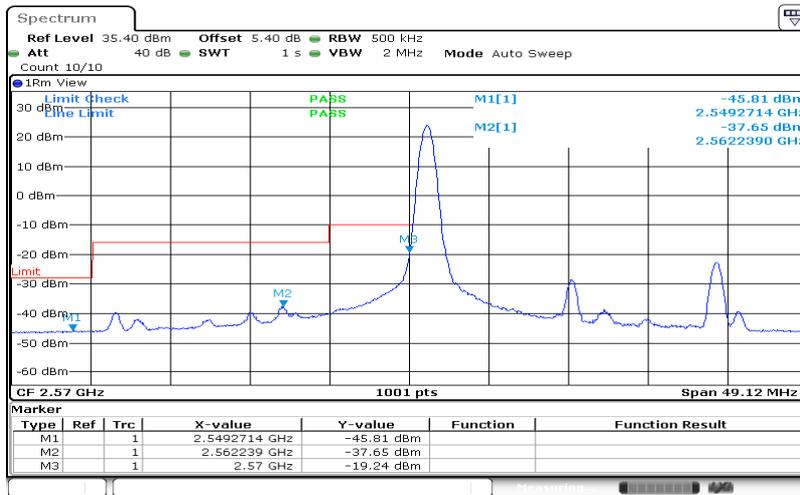
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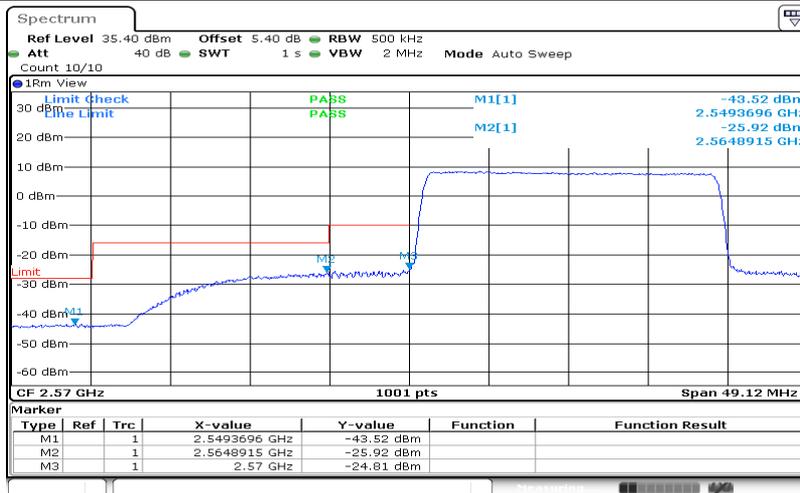
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Band38-20MHz-QPSK-37850-1RB#0



Date: 19.MAY.2020 01:35:49

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



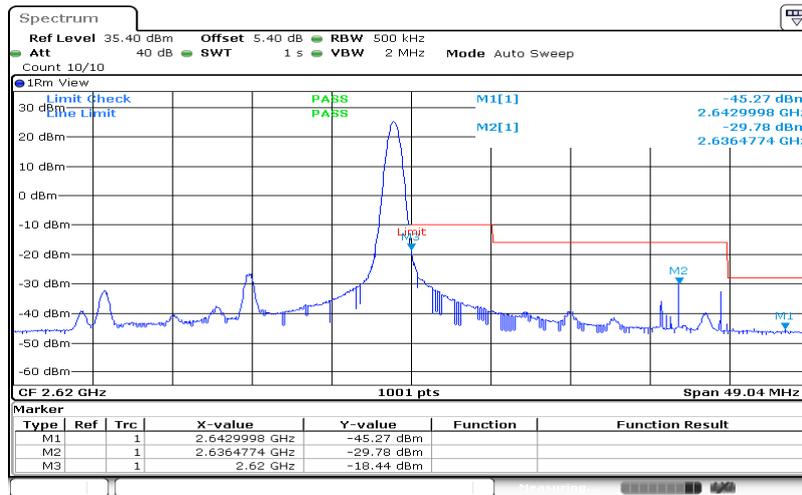
Date: 19.MAY.2020 01:37:24



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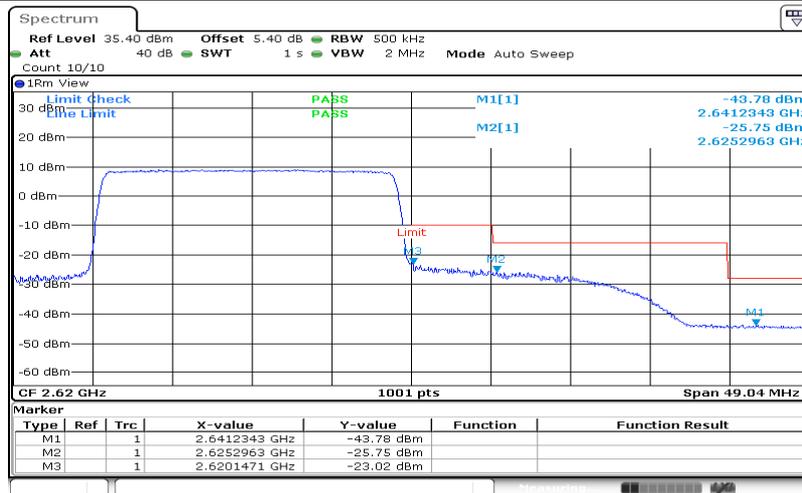
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Band38-20MHz-QPSK-38150-1RB#99



Date: 19.MAY.2020 01:38:36

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

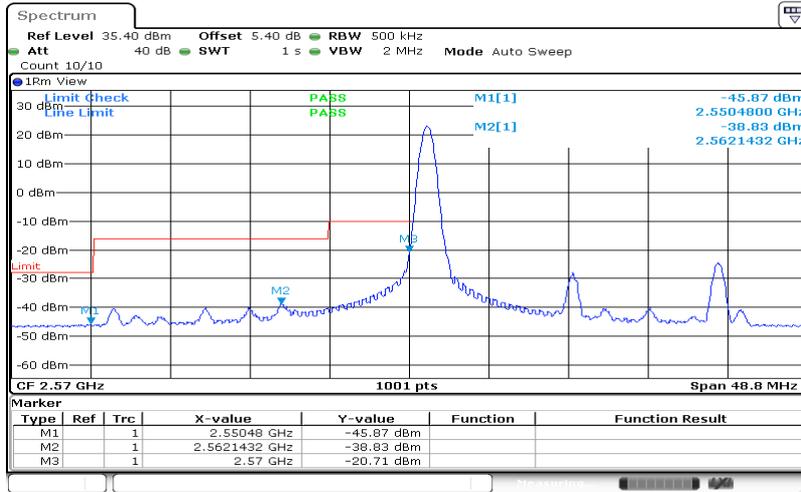


Date: 19.MAY.2020 01:38:08



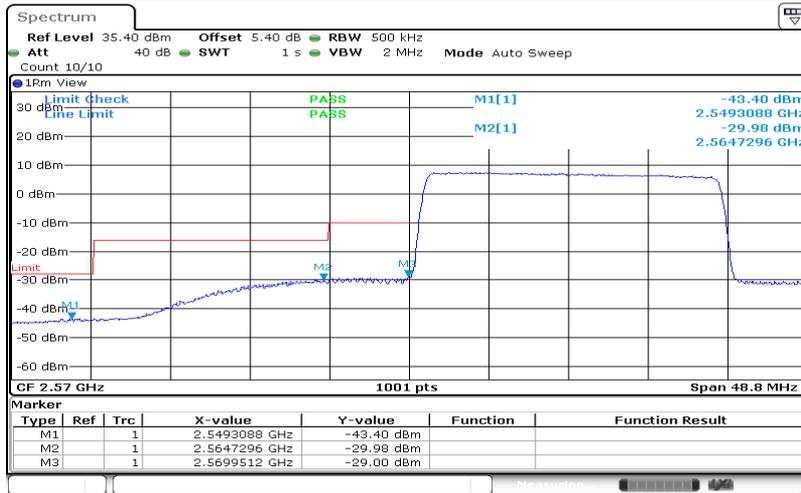
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Band38-20MHz-64QAM-37850-1RB#0



Date: 22.MAY.2020 11:11:04

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



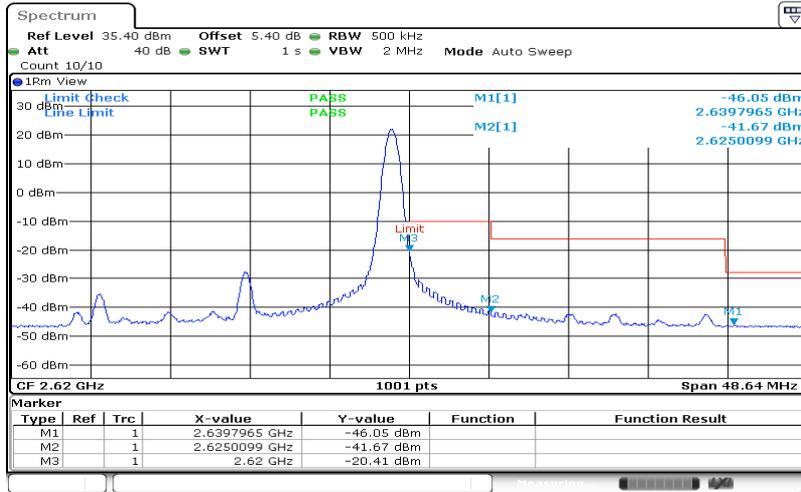
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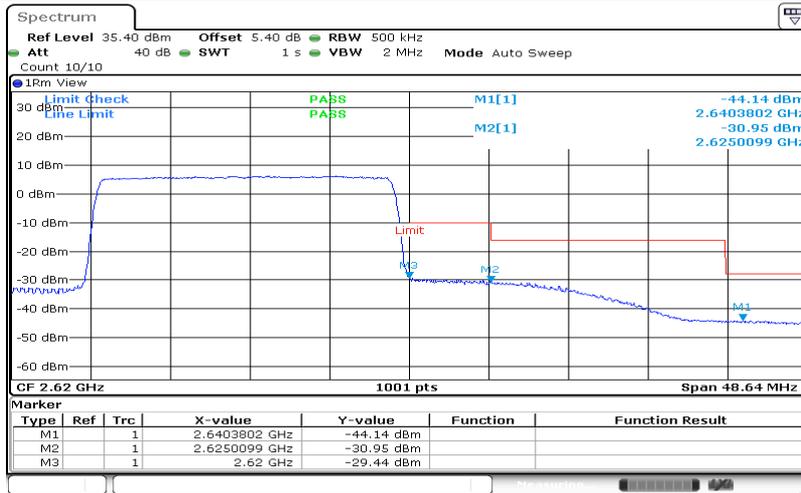
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Band38-20MHz-64QAM-38150-1RB#99



Date: 22.MAY.2020 11:11:31

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



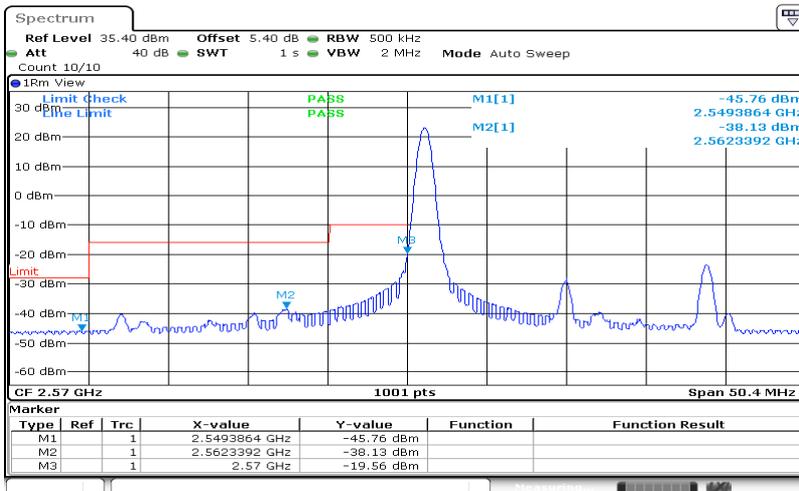
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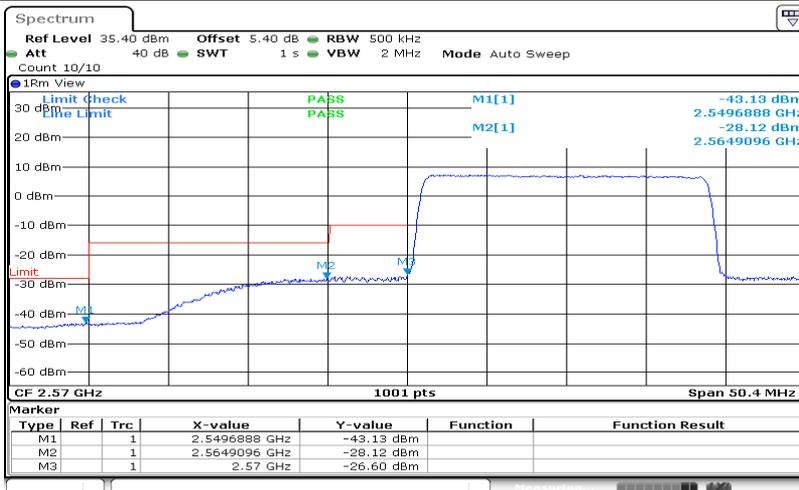
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Band38-20MHz-16QAM-37850-1RB#0



Date: 19.MAY.2020 01:38:10

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

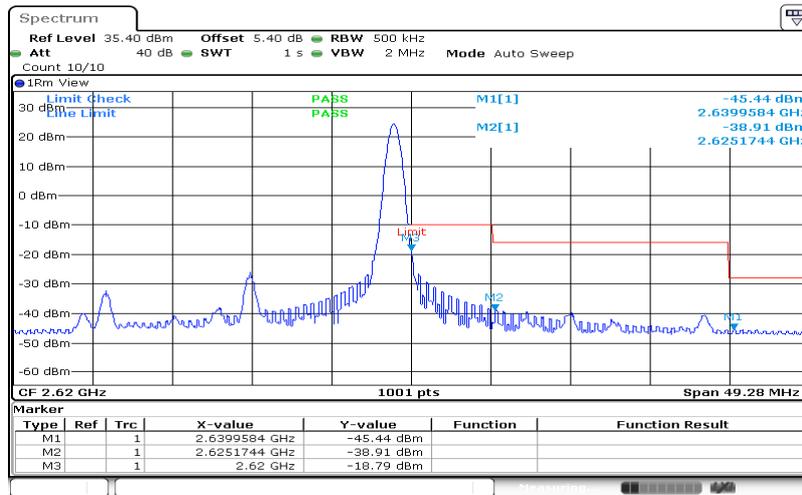


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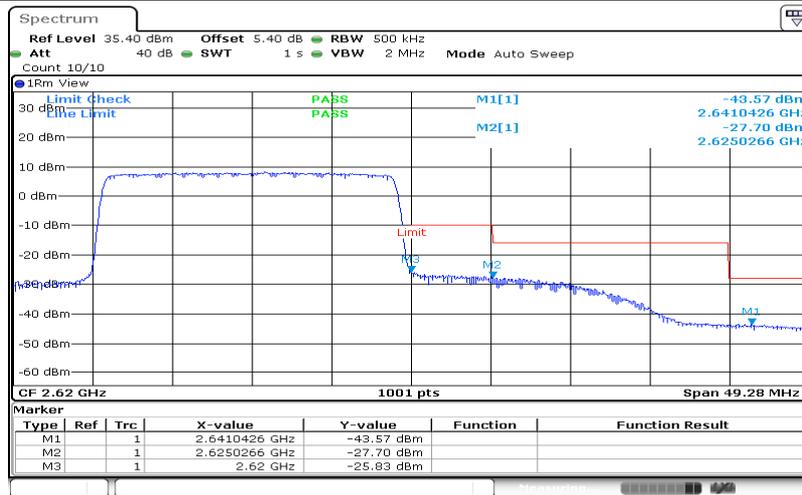


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Band38-20MHz-16QAM-38150-1RB#99



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



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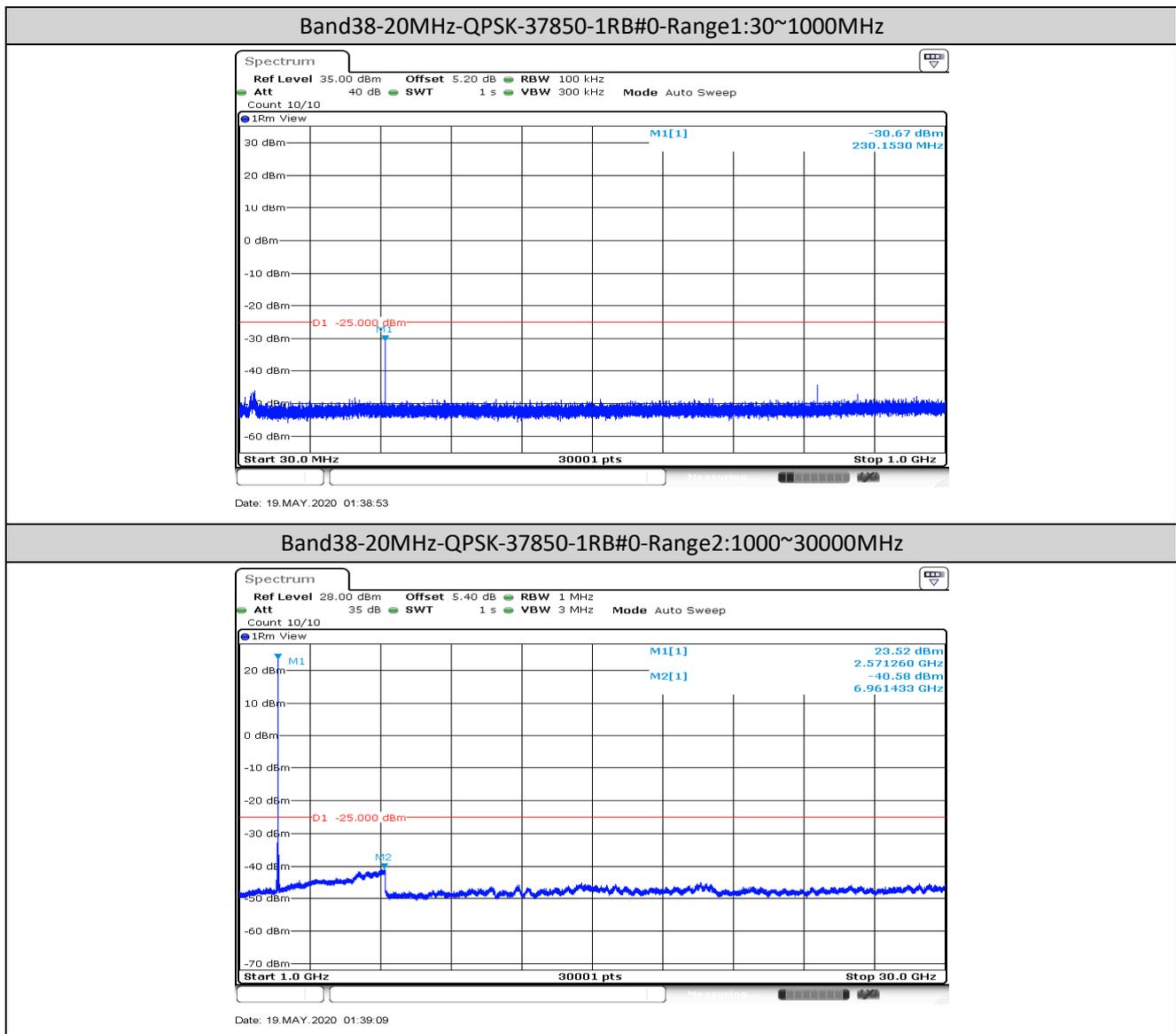
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

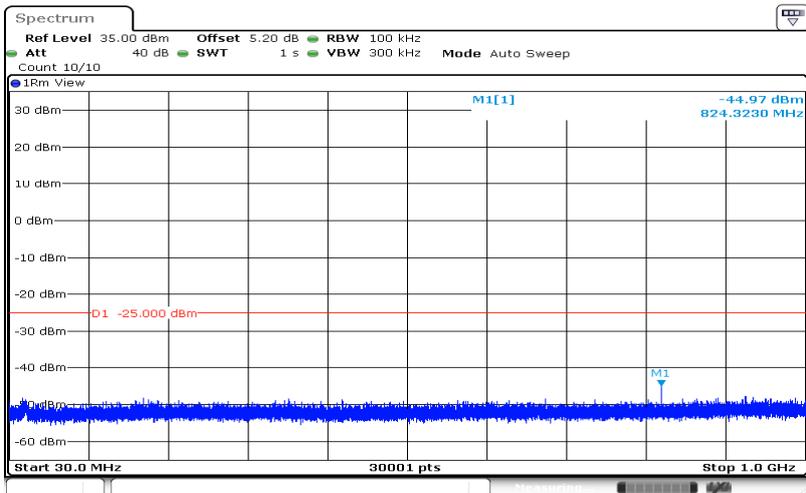
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



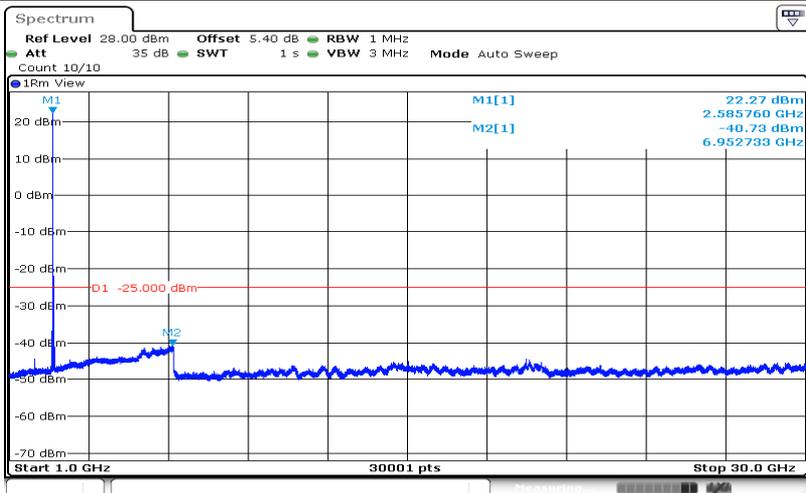
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Band38-20MHz-QPSK-38000-1RB#0-Range1:30~100MHz



Date: 19.MAY.2020 01:40:03

Band38-20MHz-QPSK-38000-1RB#0-Range2:100~30000MHz

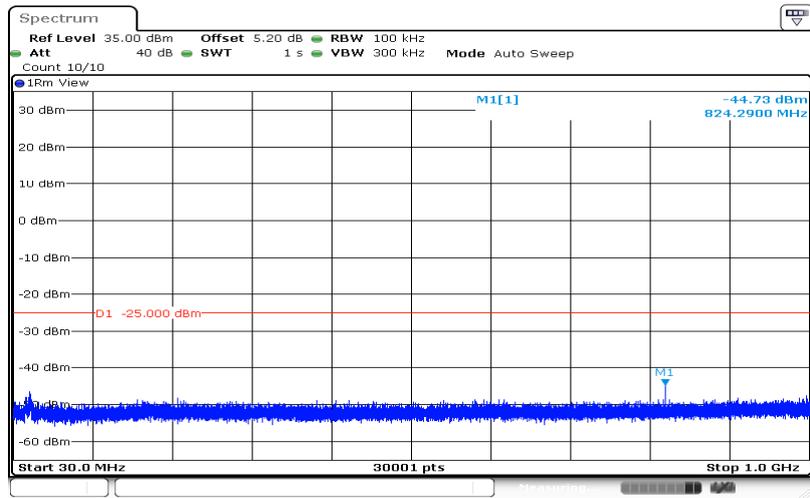


Date: 19.MAY.2020 01:40:19



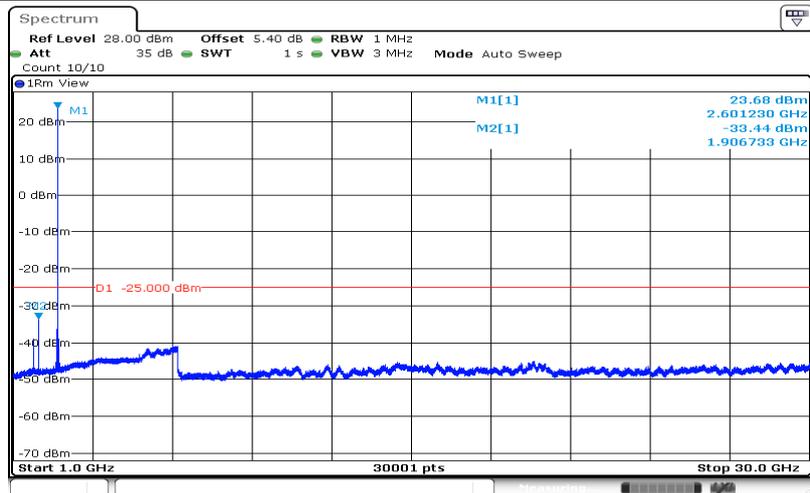
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Band38-20MHz-QPSK-38150-1RB#0-Range1:30~100MHz



Date: 19.MAY.2020 01:41:13

Band38-20MHz-QPSK-38150-1RB#0-Range2:100~30000MHz

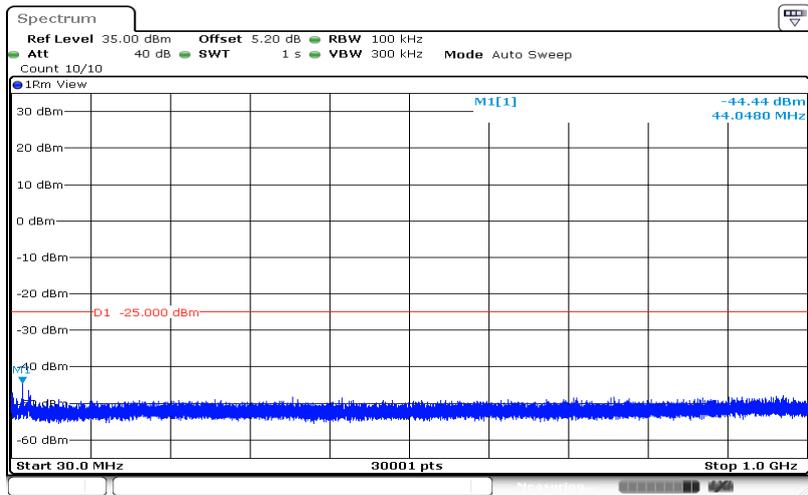


Date: 19.MAY.2020 01:41:30



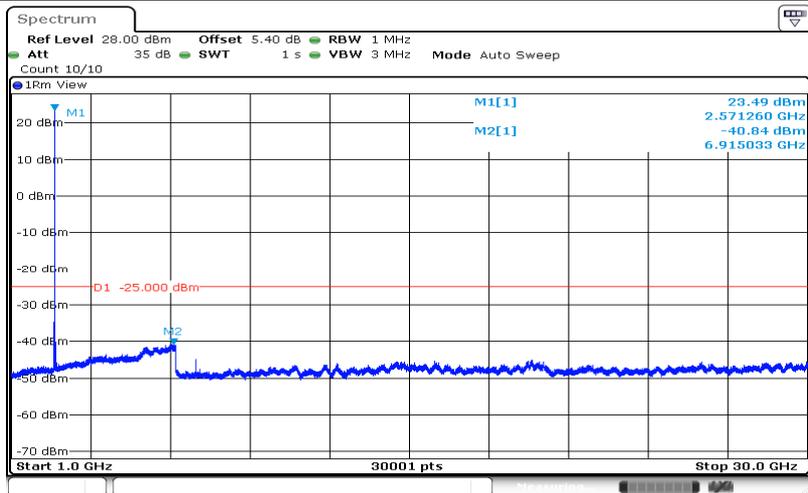
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Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



Date: 22.MAY.2020 11:12:42

Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz

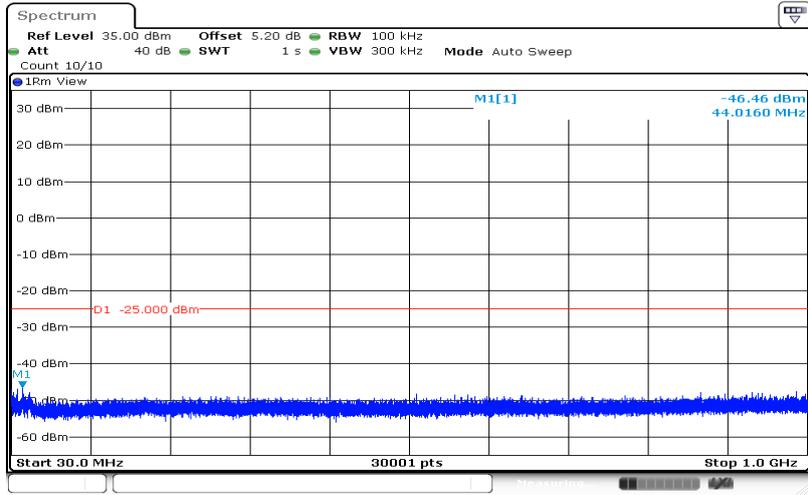


Date: 22.MAY.2020 11:12:58



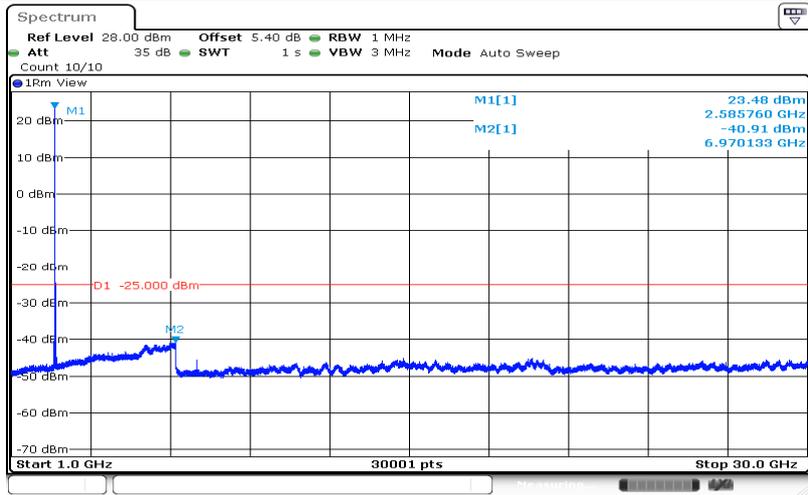
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Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Date: 22.MAY.2020 11:13:17

Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz

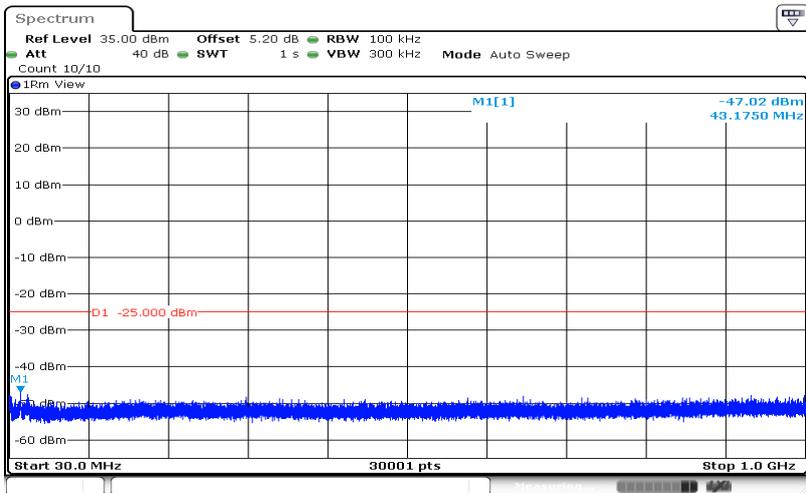


Date: 22.MAY.2020 11:13:34



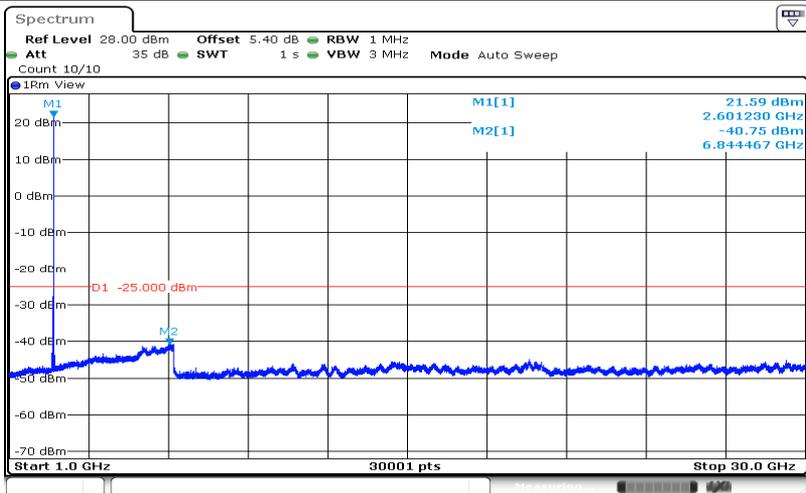
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Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz



Date: 22.MAY.2020 11:13:53

Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



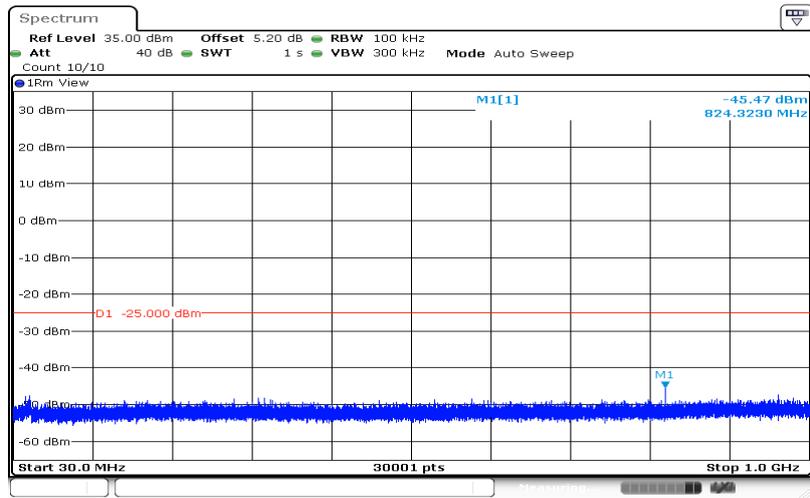
Date: 22.MAY.2020 11:14:09



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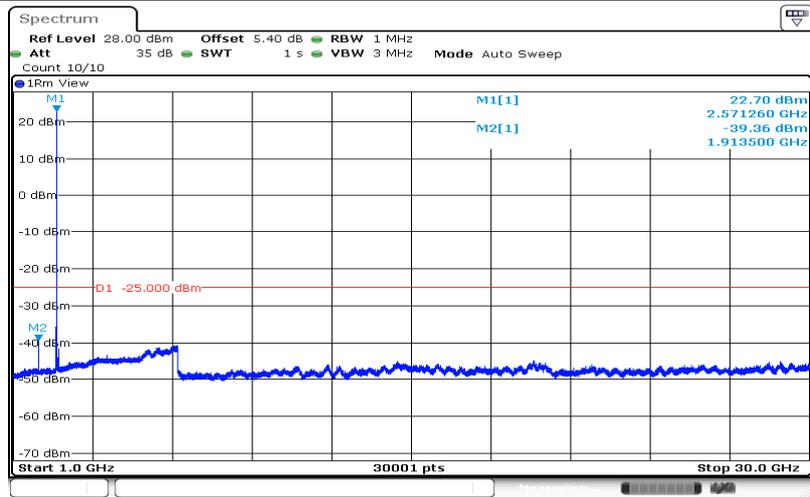
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Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:39:28

Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz

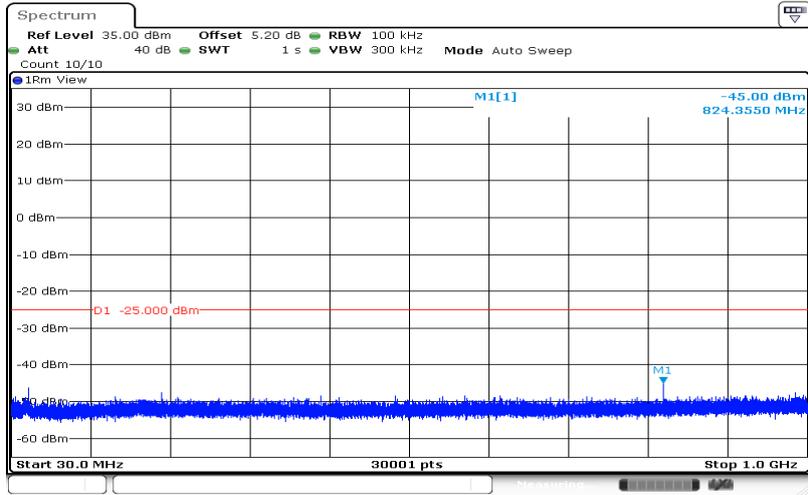


Date: 19.MAY.2020 01:39:44



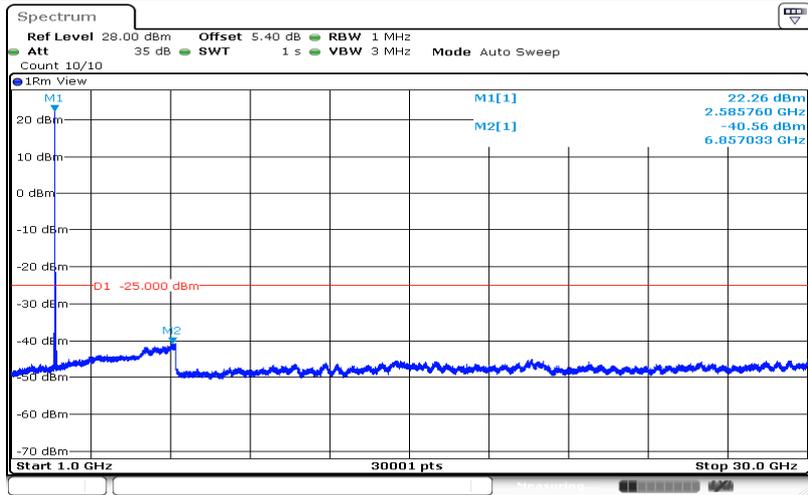
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Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:40:38

Band38-20MHz-16QAM-38000-1RB#0-Range2:1000~30000MHz

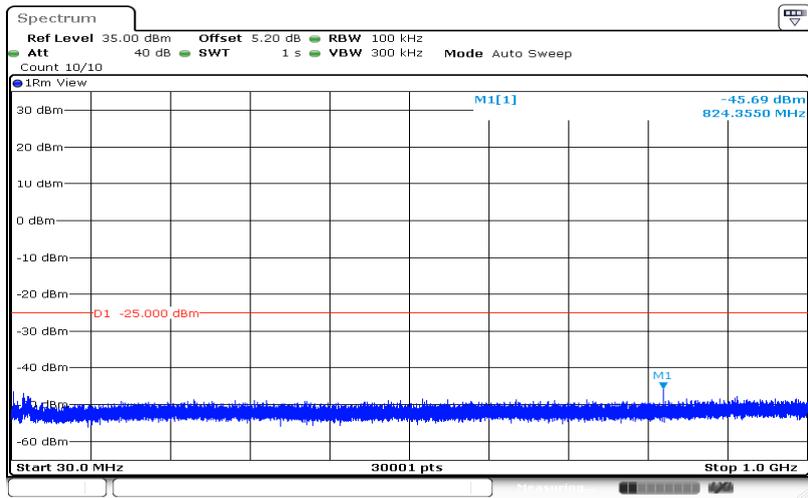


Date: 19.MAY.2020 01:40:54



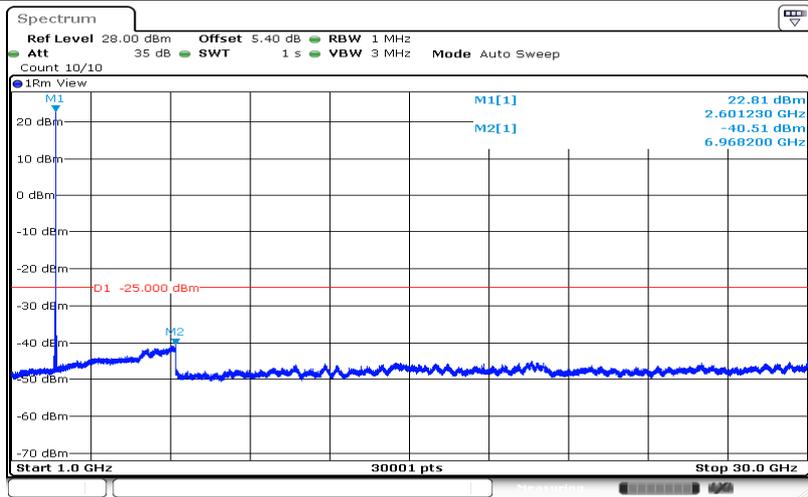
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Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:41:48

Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 19.MAY.2020 01:42:05



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
116.7223	-65.42	-25.00	40.42	Vertical
1639.3279	-44.62	-25.00	19.62	Vertical
5142.0714	-56.54	-25.00	31.54	Vertical
7713.1571	-42.36	-25.00	17.36	Vertical
14477.8826	-47.73	-25.00	22.73	Vertical
17998.5000	-39.87	-25.00	14.87	Vertical
41.2526	-64.26	-25.00	39.26	Horizontal
1615.3231	-45.07	-25.00	20.07	Horizontal
5142.0714	-53.49	-25.00	28.49	Horizontal
7713.1571	-41.28	-25.00	16.28	Horizontal
16377.9459	-43.65	-25.00	18.65	Horizontal
17991.9997	-44.93	-25.00	19.93	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.1332	-65.01	-25.00	40.01	Vertical
1725.7451	-44.15	-25.00	19.15	Vertical
5172.0724	-59.14	-25.00	34.14	Vertical
7758.6586	-39.46	-25.00	14.46	Vertical
14497.8833	-47.13	-25.00	22.13	Vertical
17999.0000	-40.35	-25.00	15.35	Vertical
42.6106	-64.82	-25.00	39.82	Horizontal
5172.0724	-55.15	-25.00	30.15	Horizontal
7758.1586	-34.77	-25.00	9.77	Horizontal
12930.3310	-47.46	-25.00	22.46	Horizontal
16393.9465	-43.41	-25.00	18.41	Horizontal
17999.0000	-45.05	-25.00	20.05	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.4655	-64.17	-25.00	39.17	Vertical
1649.3299	-44.22	-25.00	19.22	Vertical
5202.0734	-59.07	-25.00	34.07	Vertical
7803.1601	-36.68	-25.00	11.68	Vertical
14492.8831	-47.35	-25.00	22.35	Vertical
17996.9999	-40.47	-25.00	15.47	Vertical
44.3082	-64.06	-25.00	39.06	Horizontal
1805.7612	-43.51	-25.00	18.51	Horizontal
5202.0734	-56.08	-25.00	31.08	Horizontal
7803.6601	-37.35	-25.00	12.35	Horizontal
16387.9463	-43.10	-25.00	18.10	Horizontal
17998.5000	-44.95	-25.00	19.95	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-3.80	-0.001473	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-5.20	-0.002016	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-8.20	-0.003160	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-3.60	-0.001379	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-6.80	-0.002605	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-4.40	-0.001686	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-4.00	-0.001541	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-6.60	-0.002543	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-9.00	-0.003448	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-6.90	-0.002644	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-7.10	-0.002720	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-4.30	-0.001667	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-8.10	-0.003140	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-5.40	-0.002093	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-8.10	-0.003121	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-5.40	-0.002081	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-5.40	-0.002081	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-6.40	-0.002452	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-4.80	-0.001839	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-4.90	-0.001899	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-7.90	-0.003062	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-5.10	-0.001977	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-3.20	-0.001240	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-4.10	-0.001589	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-3.10	-0.001202	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-4.10	-0.001580	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-2.30	-0.000886	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-5.30	-0.002042	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-6.10	-0.002351	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-2.40	-0.000925	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-3.70	-0.001426	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-4.70	-0.001801	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-7.20	-0.002759	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-6.50	-0.002490	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-5.80	-0.002222	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-5.30	-0.002031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-6.10	-0.002337	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-4.50	-0.001724	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-3.20	-0.001226	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-0.60	-0.000233	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-5.60	-0.002171	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-9.20	-0.003566	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-5.70	-0.002209	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-6.50	-0.002519	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-5.60	-0.002158	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-4.80	-0.001850	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-8.70	-0.003353	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-6.20	-0.002389	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	-3.80	-0.001464	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-6.40	-0.002466	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-3.40	-0.001303	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-9.10	-0.003487	±2.5	PASS



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Band38	20MHz	64QAM	38150	100RB#0	NV	10	-8.20	-0.003142	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-10.40	-0.003985	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-7.60	-0.002912	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-6.40	-0.002452	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-4.70	-0.001822	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-6.80	-0.002636	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-5.30	-0.002054	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-8.80	-0.003411	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-4.60	-0.001783	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-5.40	-0.002093	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-3.60	-0.001395	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-3.50	-0.001349	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-6.70	-0.002582	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4.30	-0.001657	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-7.70	-0.002967	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-5.10	-0.001965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-6.00	-0.002312	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-5.00	-0.001916	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-8.30	-0.003180	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-5.70	-0.002184	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-8.50	-0.003257	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-9.90	-0.003793	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-4.10	-0.001571	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-4.00	-0.001533	±2.5	PASS



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