



Appendix B

E-UTRA Band 41



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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
Band41	5MHz	QPSK	40065	1RB#0	24.02	21.72	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#12	24.20	21.9	33.00	PASS
Band41	5MHz	QPSK	40065	1RB#24	24.26	21.96	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#6	23.06	20.76	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#0	23.15	20.85	33.00	PASS
Band41	5MHz	QPSK	40065	12RB#13	23.22	20.92	33.00	PASS
Band41	5MHz	QPSK	40065	25RB#0	23.12	20.82	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#24	24.09	21.79	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#0	24.29	21.99	33.00	PASS
Band41	5MHz	QPSK	40640	1RB#12	24.09	21.79	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#0	23.23	20.93	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#6	23.36	21.06	33.00	PASS
Band41	5MHz	QPSK	40640	12RB#13	23.33	21.03	33.00	PASS
Band41	5MHz	QPSK	40640	25RB#0	23.34	21.04	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#12	24.20	21.9	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#0	24.05	21.75	33.00	PASS
Band41	5MHz	QPSK	41215	1RB#24	24.24	21.94	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#13	23.49	21.19	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#6	23.52	21.22	33.00	PASS
Band41	5MHz	QPSK	41215	12RB#0	23.47	21.17	33.00	PASS
Band41	5MHz	QPSK	41215	25RB#0	23.42	21.12	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#0	22.25	19.95	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#24	22.52	20.22	33.00	PASS
Band41	5MHz	64QAM	40065	1RB#12	22.21	19.91	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#0	21.40	19.1	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#6	21.41	19.11	33.00	PASS
Band41	5MHz	64QAM	40065	12RB#13	21.33	19.03	33.00	PASS



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Band41	5MHz	64QAM	40065	25RB#0	21.38	19.08	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#0	22.20	19.9	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#12	22.41	20.11	33.00	PASS
Band41	5MHz	64QAM	40640	1RB#24	22.28	19.98	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#13	21.31	19.01	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#6	21.37	19.07	33.00	PASS
Band41	5MHz	64QAM	40640	12RB#0	21.40	19.1	33.00	PASS
Band41	5MHz	64QAM	40640	25RB#0	21.40	19.1	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#0	22.36	20.06	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#12	22.54	20.24	33.00	PASS
Band41	5MHz	64QAM	41215	1RB#24	22.38	20.08	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#0	21.46	19.16	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#6	21.36	19.06	33.00	PASS
Band41	5MHz	64QAM	41215	12RB#13	21.47	19.17	33.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	21.45	19.15	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#0	23.06	20.76	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#24	23.25	20.95	33.00	PASS
Band41	5MHz	16QAM	40065	1RB#12	23.38	21.08	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#13	22.01	19.71	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#6	22.12	19.82	33.00	PASS
Band41	5MHz	16QAM	40065	12RB#0	22.19	19.89	33.00	PASS
Band41	5MHz	16QAM	40065	25RB#0	22.16	19.86	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#0	23.25	20.95	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#12	23.35	21.05	33.00	PASS
Band41	5MHz	16QAM	40640	1RB#24	23.25	20.95	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#0	22.22	19.92	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#6	22.28	19.98	33.00	PASS
Band41	5MHz	16QAM	40640	12RB#13	22.27	19.97	33.00	PASS
Band41	5MHz	16QAM	40640	25RB#0	22.29	19.99	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#0	23.36	21.06	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	23.54	21.24	33.00	PASS
Band41	5MHz	16QAM	41215	1RB#12	23.38	21.08	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#0	22.46	20.16	33.00	PASS



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Band41	5MHz	16QAM	41215	12RB#6	22.36	20.06	33.00	PASS
Band41	5MHz	16QAM	41215	12RB#13	22.47	20.17	33.00	PASS
Band41	5MHz	16QAM	41215	25RB#0	22.45	20.15	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#49	24.21	21.91	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#24	24.13	21.83	33.00	PASS
Band41	10MHz	QPSK	40090	1RB#0	24.15	21.85	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#12	23.21	20.91	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#0	23.22	20.92	33.00	PASS
Band41	10MHz	QPSK	40090	25RB#25	23.24	20.94	33.00	PASS
Band41	10MHz	QPSK	40090	50RB#0	23.25	20.95	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#24	24.05	21.75	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#49	24.21	21.91	33.00	PASS
Band41	10MHz	QPSK	40640	1RB#0	24.21	21.91	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#25	23.28	20.98	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#0	23.28	20.98	33.00	PASS
Band41	10MHz	QPSK	40640	25RB#12	23.35	21.05	33.00	PASS
Band41	10MHz	QPSK	40640	50RB#0	23.31	21.01	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#49	24.00	21.7	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#24	24.23	21.93	33.00	PASS
Band41	10MHz	QPSK	41190	1RB#0	24.11	21.81	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#25	23.54	21.24	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#0	23.45	21.15	33.00	PASS
Band41	10MHz	QPSK	41190	25RB#12	23.47	21.17	33.00	PASS
Band41	10MHz	QPSK	41190	50RB#0	23.47	21.17	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#24	22.11	19.81	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#49	22.23	19.93	33.00	PASS
Band41	10MHz	64QAM	40090	1RB#0	22.19	19.89	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#0	21.08	18.78	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#12	21.18	18.88	33.00	PASS
Band41	10MHz	64QAM	40090	25RB#25	21.09	18.79	33.00	PASS
Band41	10MHz	64QAM	40090	50RB#0	21.24	18.94	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#49	22.32	20.02	33.00	PASS
Band41	10MHz	64QAM	40640	1RB#0	22.33	20.03	33.00	PASS



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Band41	10MHz	64QAM	40640	1RB#24	22.28	19.98	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#0	21.20	18.9	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#12	21.30	19	33.00	PASS
Band41	10MHz	64QAM	40640	25RB#25	21.32	19.02	33.00	PASS
Band41	10MHz	64QAM	40640	50RB#0	21.33	19.03	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#0	22.47	20.17	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#49	22.30	20	33.00	PASS
Band41	10MHz	64QAM	41190	1RB#24	22.54	20.24	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#25	21.46	19.16	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#0	21.47	19.17	33.00	PASS
Band41	10MHz	64QAM	41190	25RB#12	21.47	19.17	33.00	PASS
Band41	10MHz	64QAM	41190	50RB#0	21.49	19.19	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#0	23.24	20.94	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#24	23.23	20.93	33.00	PASS
Band41	10MHz	16QAM	40090	1RB#49	23.25	20.95	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#12	22.19	19.89	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#0	22.28	19.98	33.00	PASS
Band41	10MHz	16QAM	40090	25RB#25	22.35	20.05	33.00	PASS
Band41	10MHz	16QAM	40090	50RB#0	22.36	20.06	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#0	23.31	21.01	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#49	23.34	21.04	33.00	PASS
Band41	10MHz	16QAM	40640	1RB#24	23.33	21.03	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#0	22.29	19.99	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#25	22.37	20.07	33.00	PASS
Band41	10MHz	16QAM	40640	25RB#12	22.40	20.1	33.00	PASS
Band41	10MHz	16QAM	40640	50RB#0	22.45	20.15	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#0	23.47	21.17	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#49	23.30	21	33.00	PASS
Band41	10MHz	16QAM	41190	1RB#24	23.54	21.24	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#0	22.46	20.16	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#12	22.47	20.17	33.00	PASS
Band41	10MHz	16QAM	41190	25RB#25	22.47	20.17	33.00	PASS
Band41	10MHz	16QAM	41190	50RB#0	22.49	20.19	33.00	PASS



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Band41	15MHz	QPSK	40115	1RB#74	23.99	21.69	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#38	24.08	21.78	33.00	PASS
Band41	15MHz	QPSK	40115	1RB#0	24.08	21.78	33.00	PASS
Band41	15MHz	QPSK	40115	36RB#39	23.07	20.77	33.00	PASS
Band41	15MHz	QPSK	40115	36RB#18	23.15	20.85	33.00	PASS
Band41	15MHz	QPSK	40115	36RB#0	23.04	20.74	33.00	PASS
Band41	15MHz	QPSK	40115	75RB#0	23.09	20.79	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#0	24.05	21.75	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#38	24.16	21.86	33.00	PASS
Band41	15MHz	QPSK	40640	1RB#74	24.14	21.84	33.00	PASS
Band41	15MHz	QPSK	40640	36RB#0	23.22	20.92	33.00	PASS
Band41	15MHz	QPSK	40640	36RB#18	23.29	20.99	33.00	PASS
Band41	15MHz	QPSK	40640	36RB#39	23.32	21.02	33.00	PASS
Band41	15MHz	QPSK	40640	75RB#0	23.20	20.9	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#0	24.01	21.71	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#38	24.23	21.93	33.00	PASS
Band41	15MHz	QPSK	41165	1RB#74	24.11	21.81	33.00	PASS
Band41	15MHz	QPSK	41165	36RB#0	23.42	21.12	33.00	PASS
Band41	15MHz	QPSK	41165	36RB#18	23.40	21.1	33.00	PASS
Band41	15MHz	QPSK	41165	36RB#39	23.48	21.18	33.00	PASS
Band41	15MHz	QPSK	41165	75RB#0	23.39	21.09	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#74	22.30	20	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#38	22.33	20.03	33.00	PASS
Band41	15MHz	64QAM	40115	1RB#0	22.30	20	33.00	PASS
Band41	15MHz	64QAM	40115	36RB#0	21.26	18.96	33.00	PASS
Band41	15MHz	64QAM	40115	36RB#18	21.33	19.03	33.00	PASS
Band41	15MHz	64QAM	40115	36RB#39	21.46	19.16	33.00	PASS
Band41	15MHz	64QAM	40115	75RB#0	21.45	19.15	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#38	22.36	20.06	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#74	22.41	20.11	33.00	PASS
Band41	15MHz	64QAM	40640	1RB#0	22.38	20.08	33.00	PASS
Band41	15MHz	64QAM	40640	36RB#39	21.37	19.07	33.00	PASS
Band41	15MHz	64QAM	40640	36RB#0	21.45	19.15	33.00	PASS



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Band41	15MHz	64QAM	40640	36RB#18	21.45	19.15	33.00	PASS
Band41	15MHz	64QAM	40640	75RB#0	21.53	19.23	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#0	22.32	20.02	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#38	22.43	20.13	33.00	PASS
Band41	15MHz	64QAM	41165	1RB#74	22.41	20.11	33.00	PASS
Band41	15MHz	64QAM	41165	36RB#18	21.36	19.06	33.00	PASS
Band41	15MHz	64QAM	41165	36RB#0	21.38	19.08	33.00	PASS
Band41	15MHz	64QAM	41165	36RB#39	21.30	19	33.00	PASS
Band41	15MHz	64QAM	41165	75RB#0	21.39	19.09	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#38	23.03	20.73	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#0	23.13	20.83	33.00	PASS
Band41	15MHz	16QAM	40115	1RB#74	23.11	20.81	33.00	PASS
Band41	15MHz	16QAM	40115	36RB#0	22.03	19.73	33.00	PASS
Band41	15MHz	16QAM	40115	36RB#39	22.07	19.77	33.00	PASS
Band41	15MHz	16QAM	40115	36RB#18	22.01	19.71	33.00	PASS
Band41	15MHz	16QAM	40115	75RB#0	22.13	19.83	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#38	23.23	20.93	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#74	23.25	20.95	33.00	PASS
Band41	15MHz	16QAM	40640	1RB#0	23.21	20.91	33.00	PASS
Band41	15MHz	16QAM	40640	36RB#0	22.13	19.83	33.00	PASS
Band41	15MHz	16QAM	40640	36RB#18	22.21	19.91	33.00	PASS
Band41	15MHz	16QAM	40640	36RB#39	22.26	19.96	33.00	PASS
Band41	15MHz	16QAM	40640	75RB#0	22.24	19.94	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#0	23.32	21.02	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#38	23.43	21.13	33.00	PASS
Band41	15MHz	16QAM	41165	1RB#74	23.41	21.11	33.00	PASS
Band41	15MHz	16QAM	41165	36RB#0	22.36	20.06	33.00	PASS
Band41	15MHz	16QAM	41165	36RB#18	22.38	20.08	33.00	PASS
Band41	15MHz	16QAM	41165	36RB#39	22.30	20	33.00	PASS
Band41	15MHz	16QAM	41165	75RB#0	22.39	20.09	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#0	24.11	21.81	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#49	24.29	21.99	33.00	PASS
Band41	20MHz	QPSK	40140	1RB#99	24.05	21.75	33.00	PASS



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Band41	20MHz	QPSK	40140	50RB#25	23.16	20.86	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#0	23.24	20.94	33.00	PASS
Band41	20MHz	QPSK	40140	50RB#50	23.21	20.91	33.00	PASS
Band41	20MHz	QPSK	40140	100RB#0	23.25	20.95	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#99	23.94	21.64	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#0	24.26	21.96	33.00	PASS
Band41	20MHz	QPSK	40640	1RB#49	24.10	21.8	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#0	23.14	20.84	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#25	23.24	20.94	33.00	PASS
Band41	20MHz	QPSK	40640	50RB#50	23.26	20.96	33.00	PASS
Band41	20MHz	QPSK	40640	100RB#0	23.16	20.86	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#49	24.22	21.92	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#0	24.36	22.06	33.00	PASS
Band41	20MHz	QPSK	41140	1RB#99	24.14	21.84	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#25	23.26	20.96	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#0	23.32	21.02	33.00	PASS
Band41	20MHz	QPSK	41140	50RB#50	23.30	21	33.00	PASS
Band41	20MHz	QPSK	41140	100RB#0	23.34	21.04	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#0	22.17	19.87	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#49	22.35	20.05	33.00	PASS
Band41	20MHz	64QAM	40140	1RB#99	22.46	20.16	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#50	21.09	18.79	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#0	21.18	18.88	33.00	PASS
Band41	20MHz	64QAM	40140	50RB#25	21.27	18.97	33.00	PASS
Band41	20MHz	64QAM	40140	100RB#0	21.21	18.91	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#0	22.26	19.96	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#49	22.51	20.21	33.00	PASS
Band41	20MHz	64QAM	40640	1RB#99	22.26	19.96	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#0	21.40	19.1	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#25	21.40	19.1	33.00	PASS
Band41	20MHz	64QAM	40640	50RB#50	21.32	19.02	33.00	PASS
Band41	20MHz	64QAM	40640	100RB#0	21.34	19.04	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#99	22.32	20.02	33.00	PASS



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Band41	20MHz	64QAM	41140	1RB#0	22.41	20.11	33.00	PASS
Band41	20MHz	64QAM	41140	1RB#49	22.33	20.03	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#0	21.27	18.97	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#50	21.34	19.04	33.00	PASS
Band41	20MHz	64QAM	41140	50RB#25	21.34	19.04	33.00	PASS
Band41	20MHz	64QAM	41140	100RB#0	21.40	19.1	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#0	23.19	20.89	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#49	23.46	21.16	33.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	23.15	20.85	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#0	22.30	20	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#25	22.32	20.02	33.00	PASS
Band41	20MHz	16QAM	40140	50RB#50	22.23	19.93	33.00	PASS
Band41	20MHz	16QAM	40140	100RB#0	22.28	19.98	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#0	23.10	20.8	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#99	23.33	21.03	33.00	PASS
Band41	20MHz	16QAM	40640	1RB#49	23.23	20.93	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#0	22.22	19.92	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#25	22.29	19.99	33.00	PASS
Band41	20MHz	16QAM	40640	50RB#50	22.35	20.05	33.00	PASS
Band41	20MHz	16QAM	40640	100RB#0	22.30	20	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#0	23.26	20.96	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#99	23.51	21.21	33.00	PASS
Band41	20MHz	16QAM	41140	1RB#49	23.26	20.96	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#50	22.40	20.1	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#25	22.40	20.1	33.00	PASS
Band41	20MHz	16QAM	41140	50RB#0	22.32	20.02	33.00	PASS
Band41	20MHz	16QAM	41140	100RB#0	22.34	20.04	33.00	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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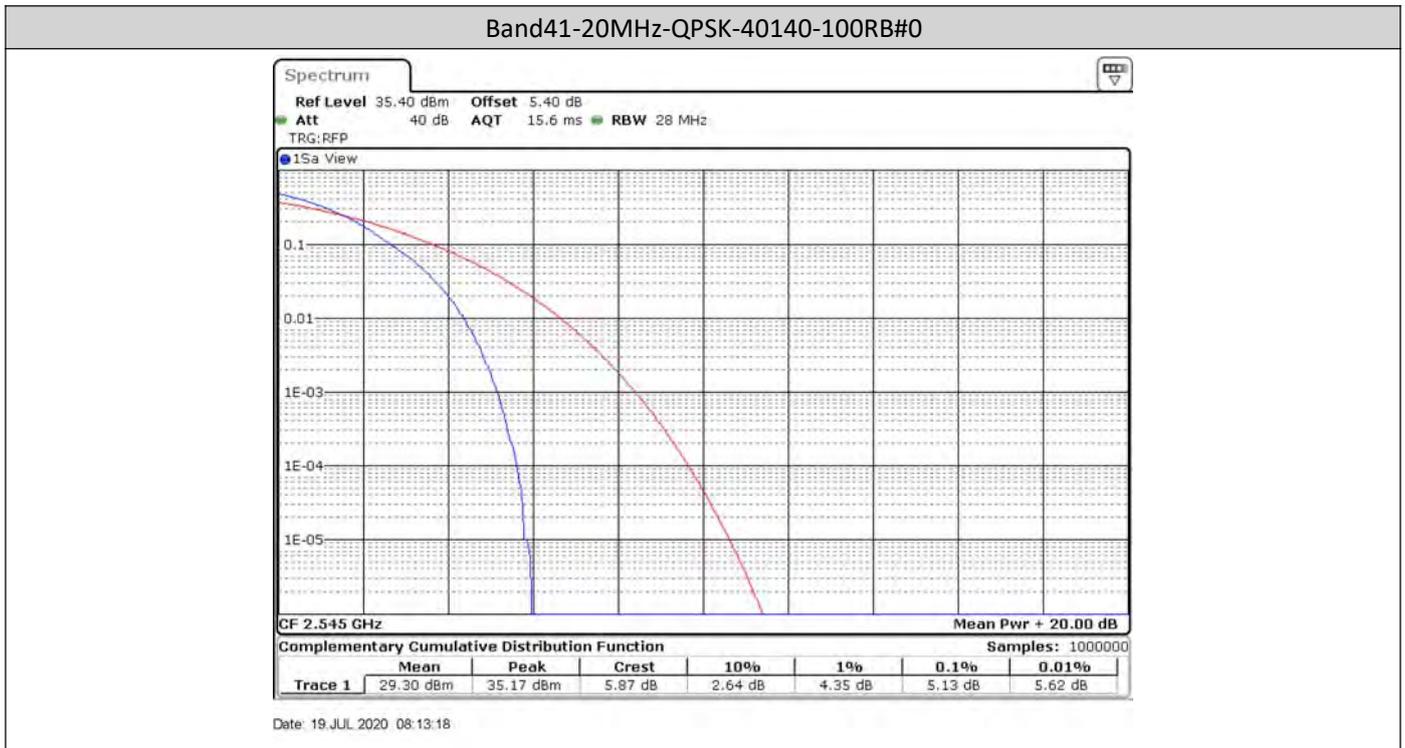


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

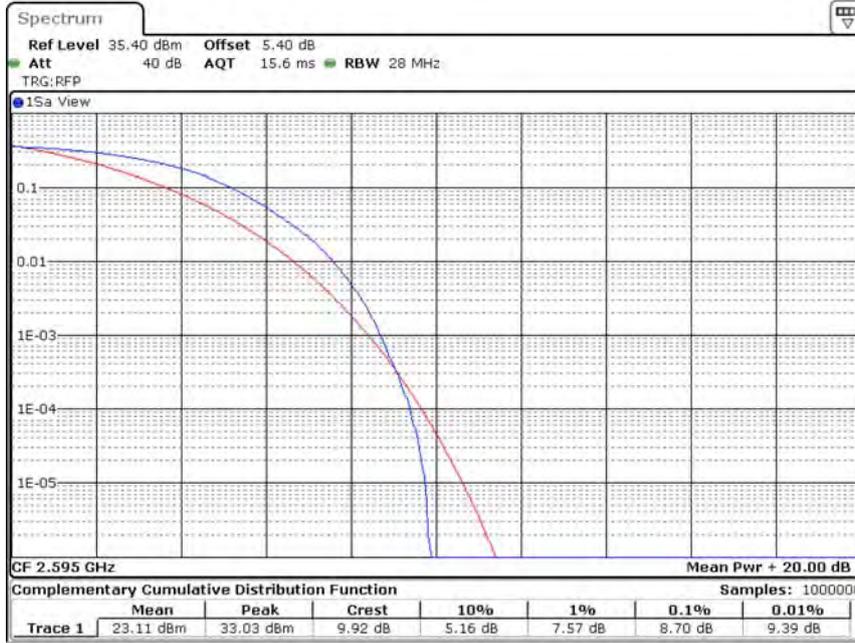
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	5.13	13	PASS
Band41	20MHz	QPSK	40640	100RB#0	8.70	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	8.55	13	PASS
Band41	20MHz	64QAM	40140	100RB#0	8.38	13	PASS
Band41	20MHz	64QAM	40640	100RB#0	8.38	13	PASS
Band41	20MHz	64QAM	41140	100RB#0	8.38	13	PASS
Band41	20MHz	16QAM	40140	100RB#0	9.13	13	PASS
Band41	20MHz	16QAM	40640	100RB#0	9.54	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	9.28	13	PASS

2.2. Test Plots



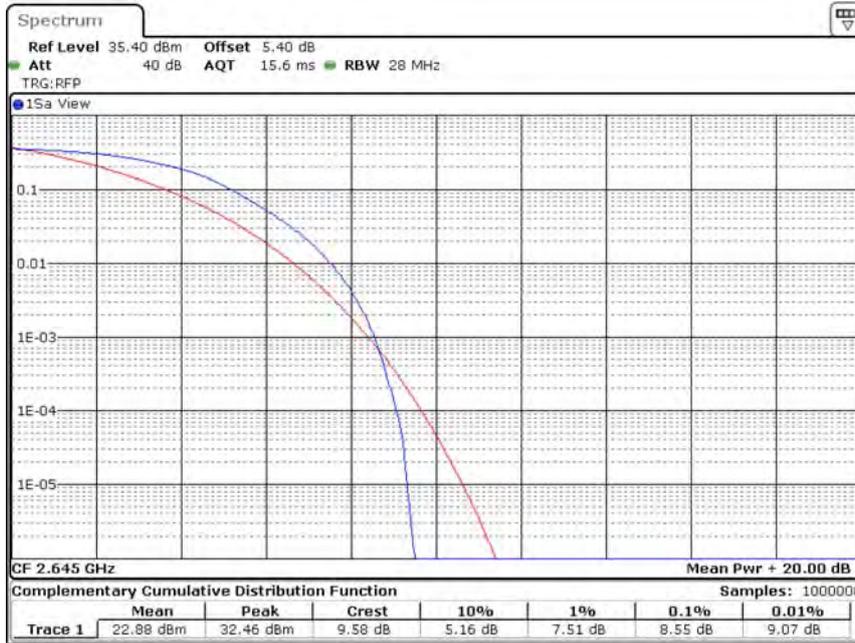
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Band41-20MHz-QPSK-40640-100RB#0



Date: 19 JUL 2020 08:13:41

Band41-20MHz-QPSK-41140-100RB#0



Date: 19 JUL 2020 08:14:03



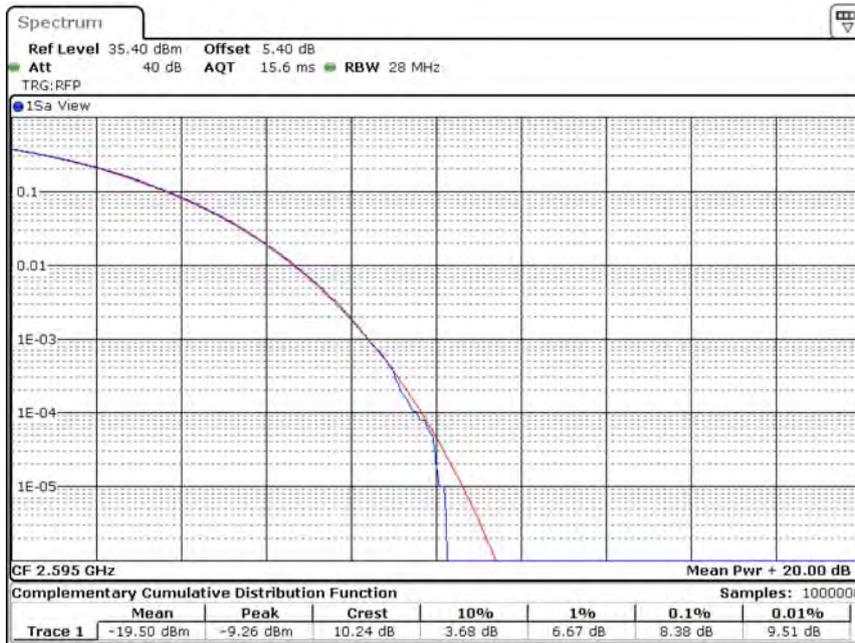
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Band41-20MHz-64QAM-40140-100RB#0



Date: 19 JUL 2020 08:48:24

Band41-20MHz-64QAM-40640-100RB#0



Date: 19 JUL 2020 08:48:35



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Band41-20MHz-64QAM-41140-100RB#0



Date: 19 JUL 2020 08:48:47

Band41-20MHz-16QAM-40140-100RB#0

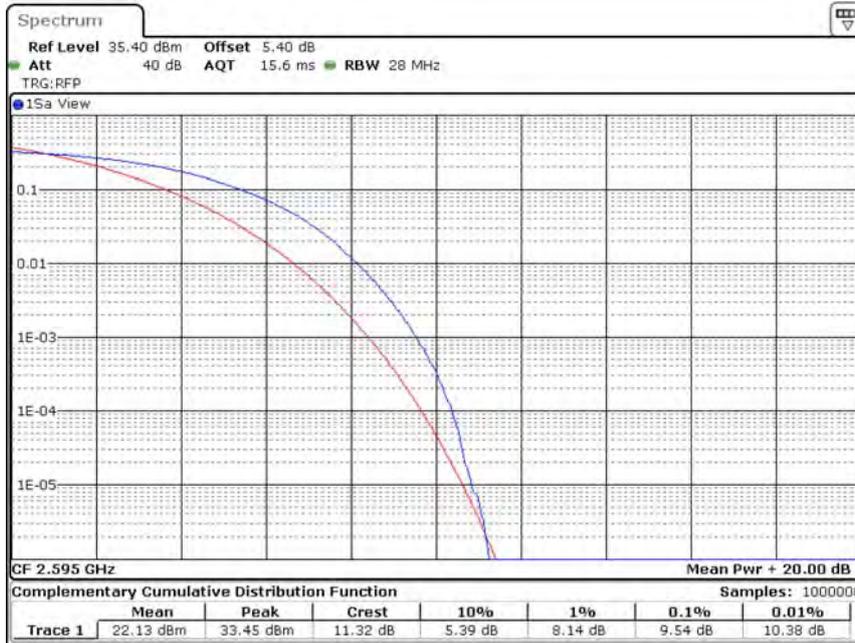


Date: 19 JUL 2020 08:13:29



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Band41-20MHz-16QAM-40640-100RB#0



Date: 19 JUL 2020 08:13:52

Band41-20MHz-16QAM-41140-100RB#0



Date: 19 JUL 2020 08:14:15

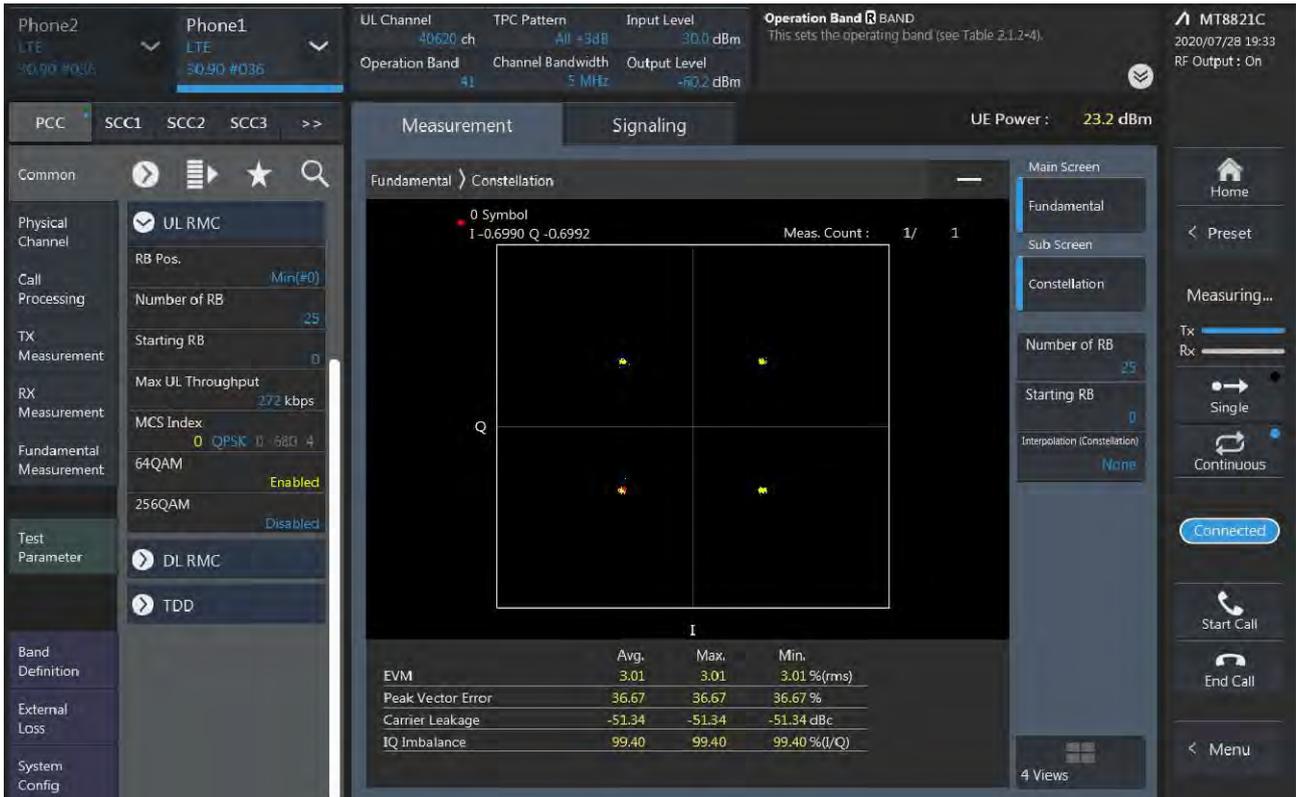


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3. Modulation Characteristics

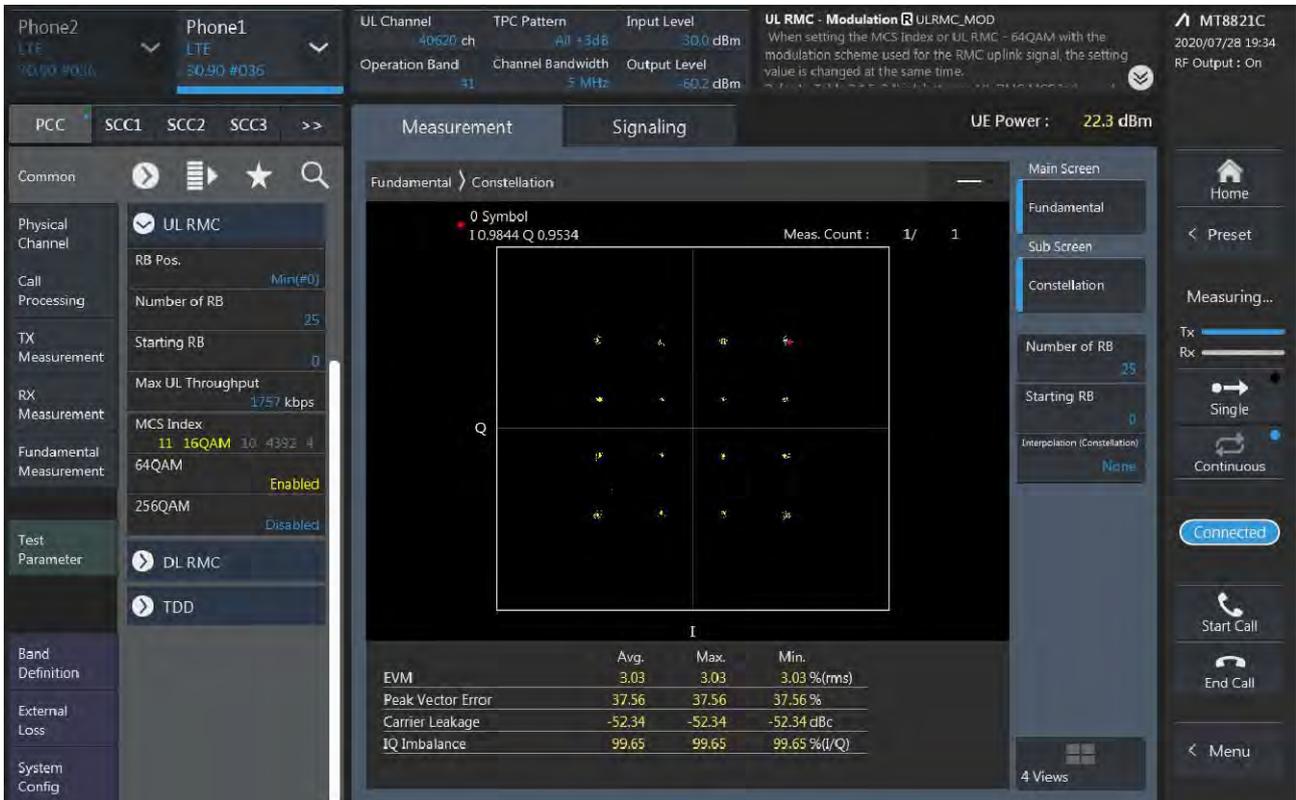
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

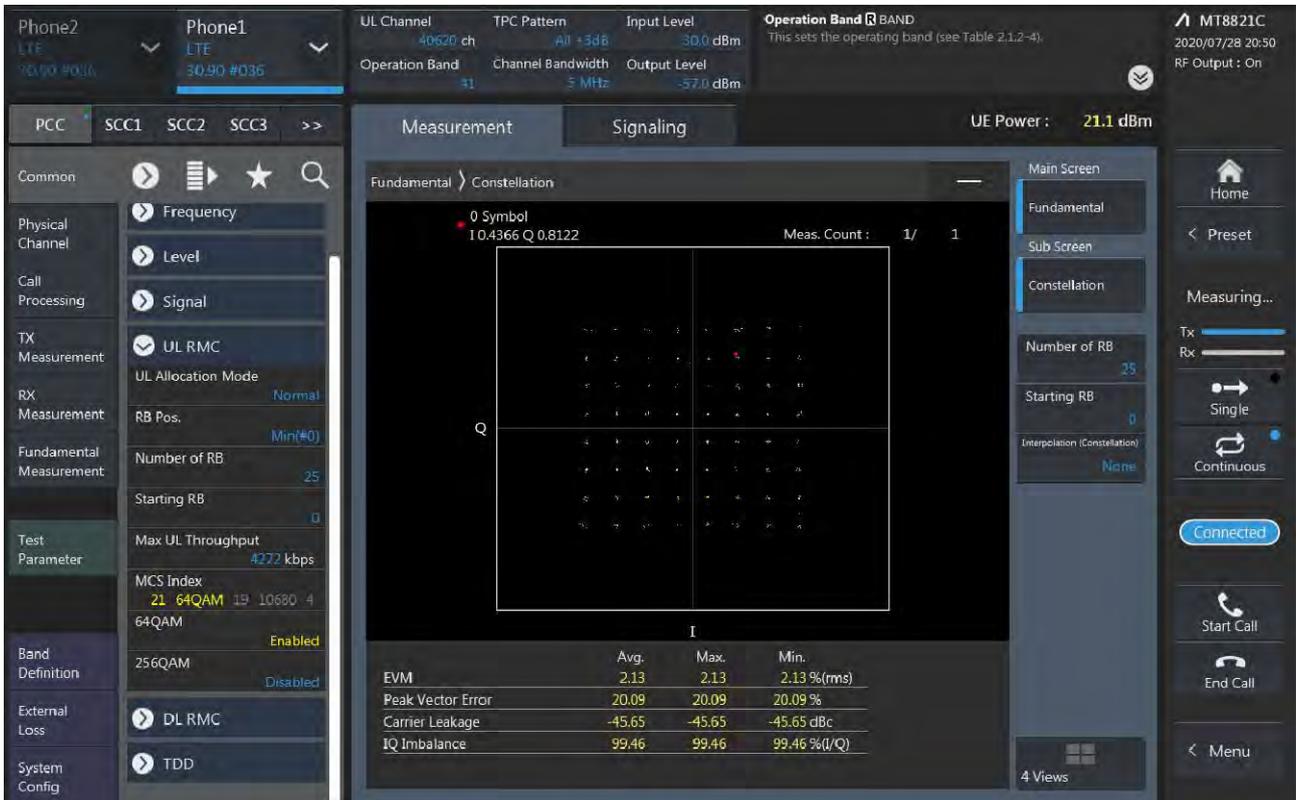


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3.3. Test Mode = LTE /TM3 20MHz

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
Band41	5MHz	QPSK	40065	25RB#0	4.466	4.900	PASS
Band41	5MHz	QPSK	40640	25RB#0	4.466	4.900	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.476	4.980	PASS
Band41	5MHz	64QAM	40065	25RB#0	4.476	4.920	PASS
Band41	5MHz	64QAM	40640	25RB#0	4.476	4.980	PASS
Band41	5MHz	64QAM	41215	25RB#0	4.476	4.940	PASS
Band41	5MHz	16QAM	40065	25RB#0	4.486	4.860	PASS
Band41	5MHz	16QAM	40640	25RB#0	4.486	4.860	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.496	4.850	PASS
Band41	10MHz	QPSK	40090	50RB#0	8.911	9.820	PASS
Band41	10MHz	QPSK	40640	50RB#0	8.931	9.720	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.911	9.860	PASS
Band41	10MHz	64QAM	40090	50RB#0	8.931	9.560	PASS
Band41	10MHz	64QAM	40640	50RB#0	8.951	9.540	PASS
Band41	10MHz	64QAM	41190	50RB#0	8.931	9.540	PASS
Band41	10MHz	16QAM	40090	50RB#0	8.911	9.540	PASS
Band41	10MHz	16QAM	40640	50RB#0	8.931	9.580	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.911	9.580	PASS
Band41	15MHz	QPSK	40115	75RB#0	13.487	16.530	PASS
Band41	15MHz	QPSK	40640	75RB#0	13.457	16.080	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.457	16.650	PASS
Band41	15MHz	64QAM	40115	75RB#0	13.427	14.730	PASS
Band41	15MHz	64QAM	40640	75RB#0	13.457	14.910	PASS
Band41	15MHz	64QAM	41165	75RB#0	13.427	14.820	PASS
Band41	15MHz	16QAM	40115	75RB#0	13.487	15.420	PASS
Band41	15MHz	16QAM	40640	75RB#0	13.457	15.120	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.457	15.240	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.942	20.160	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.902	19.840	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.902	20.000	PASS
Band41	20MHz	64QAM	40140	100RB#0	17.902	19.960	PASS



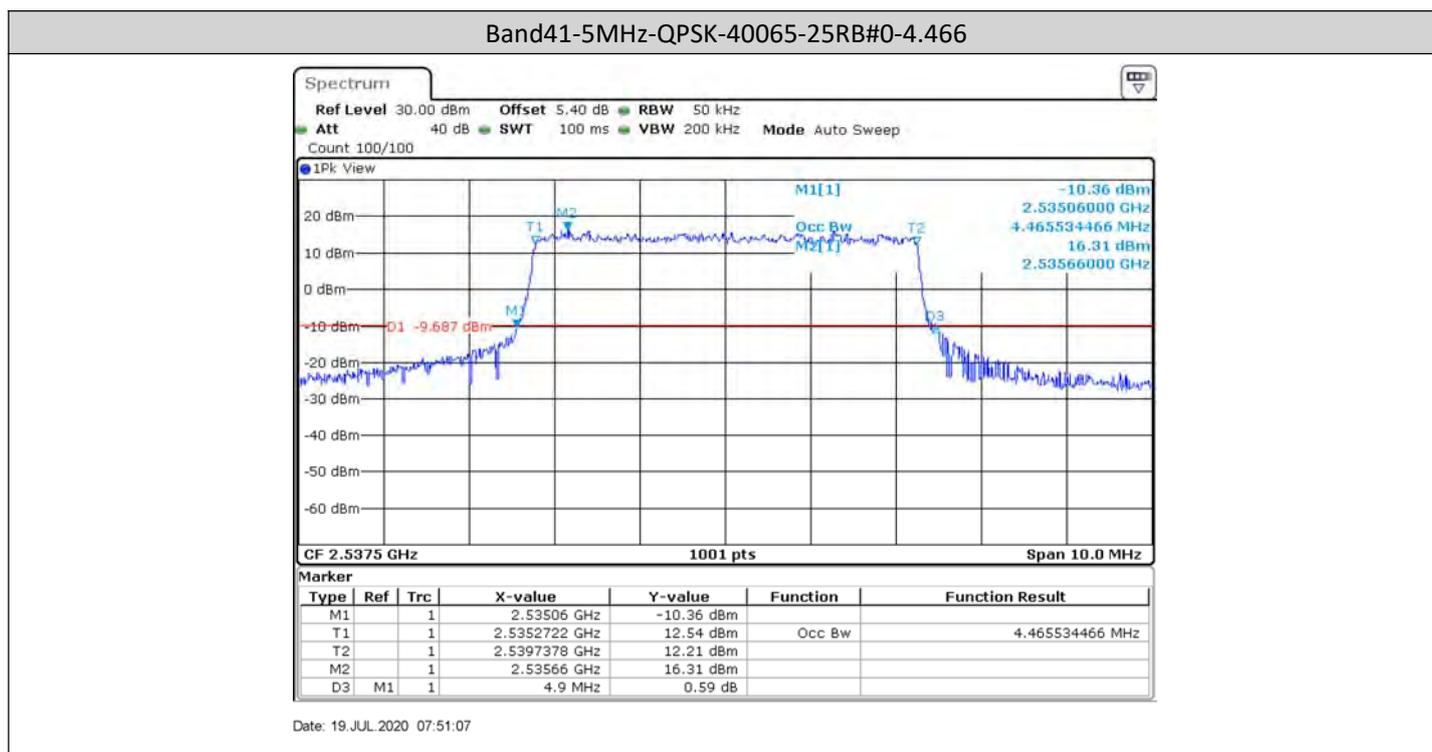
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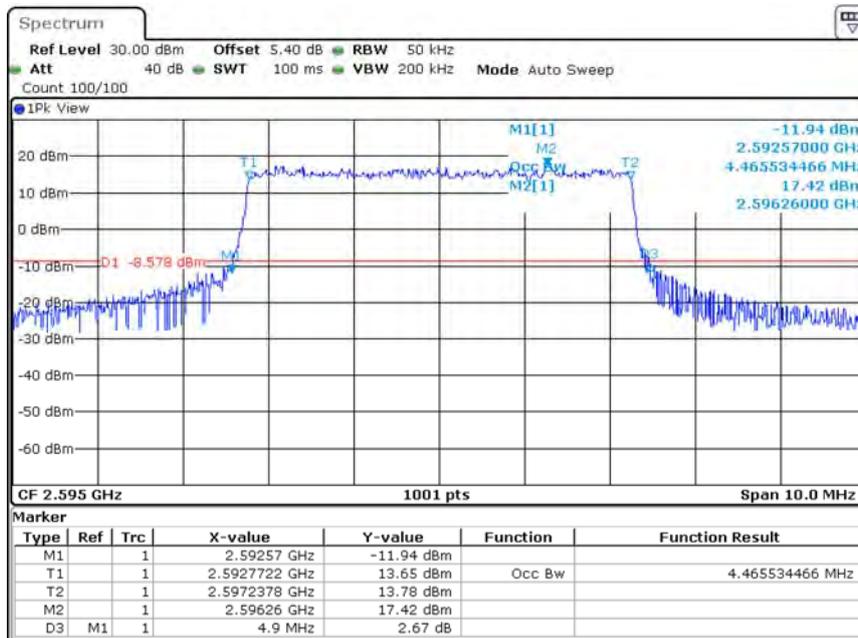
Band41	20MHz	64QAM	40640	100RB#0	17.902	20.160	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.822	19.840	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.902	20.120	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.902	20.000	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.862	19.800	PASS

4.2. Test Plots



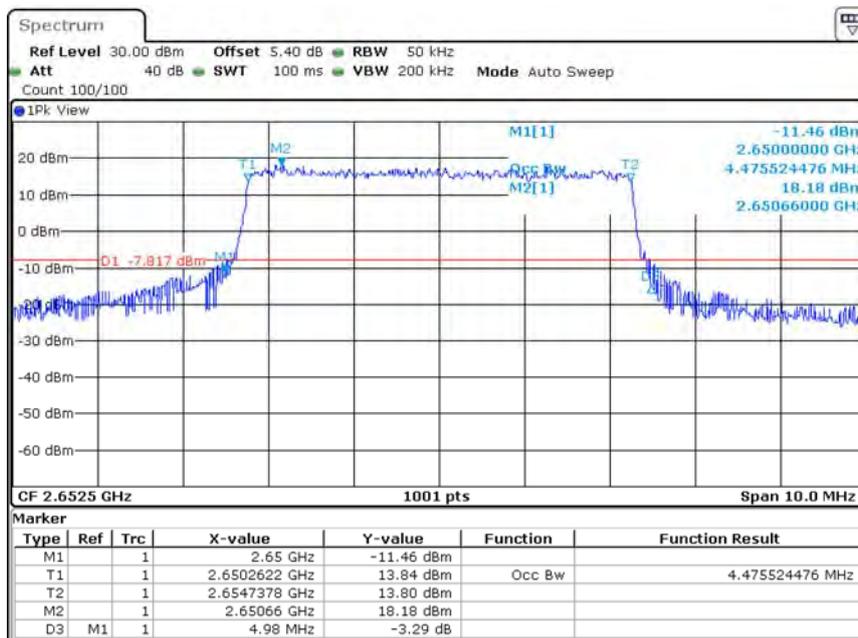
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Band41-5MHz-QPSK-40640-25RB#0-4.466



Date: 19.JUL.2020 07:51:46

Band41-5MHz-QPSK-41215-25RB#0-4.476

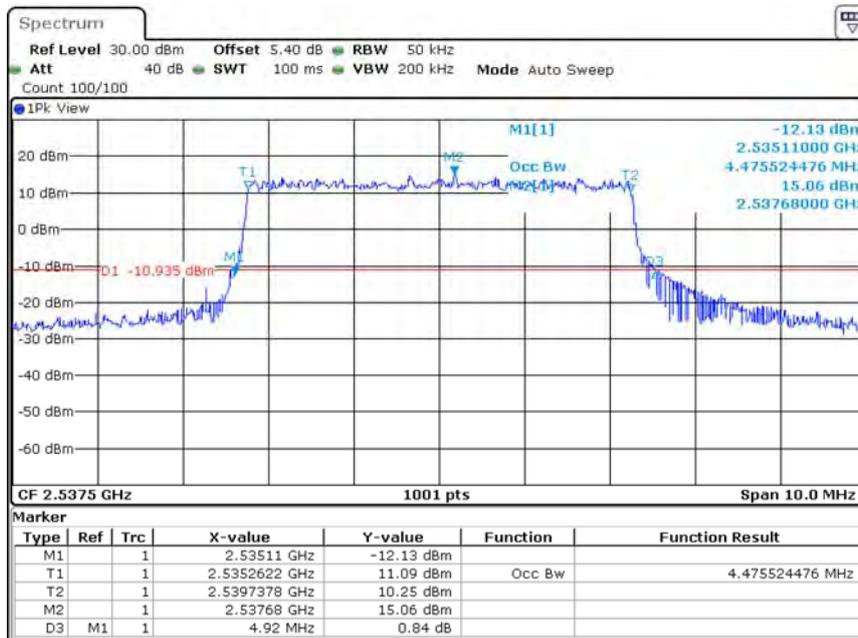


Date: 19.JUL.2020 07:52:26



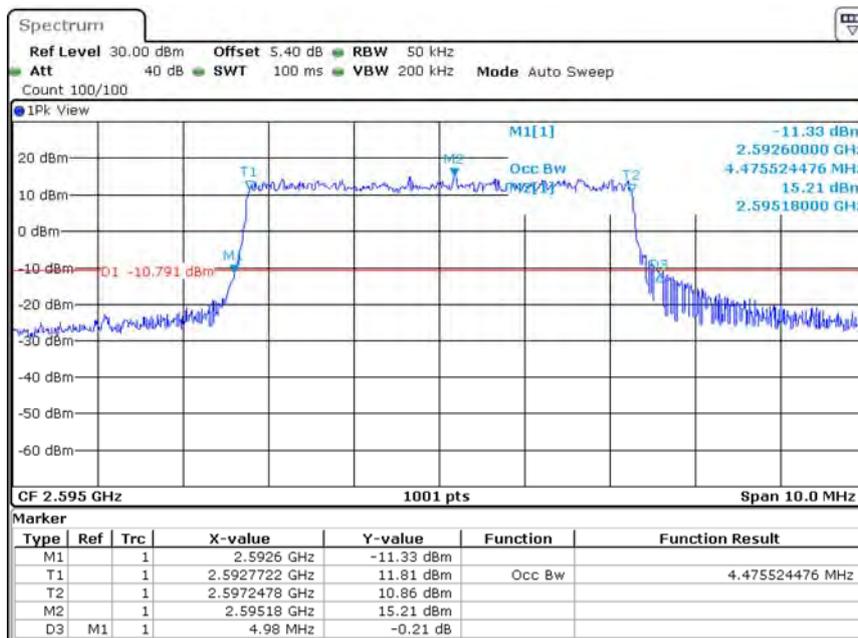
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Band41-5MHz-64QAM-40065-25RB#0-4.476



Date: 19.JUL.2020 08:36:23

Band41-5MHz-64QAM-40640-25RB#0-4.476



Date: 19.JUL.2020 08:36:43

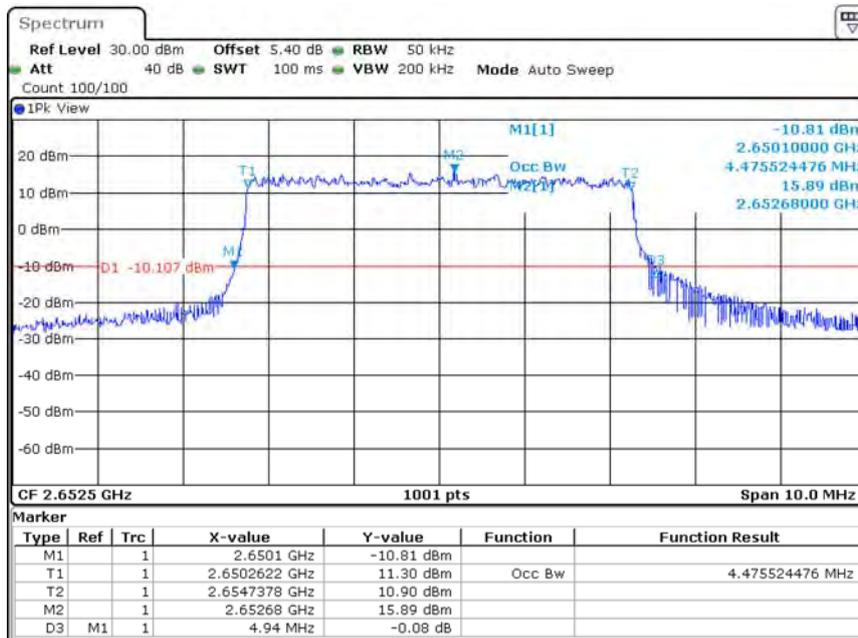


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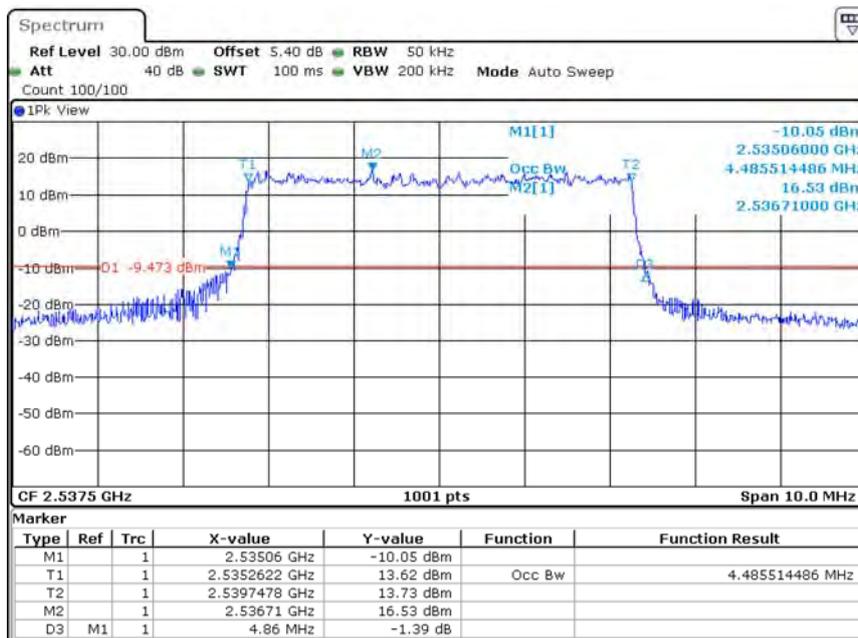
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Band41-5MHz-64QAM-41215-25RB#0-4.476



Date: 19.JUL.2020 08:37:03

Band41-5MHz-16QAM-40065-25RB#0-4.486

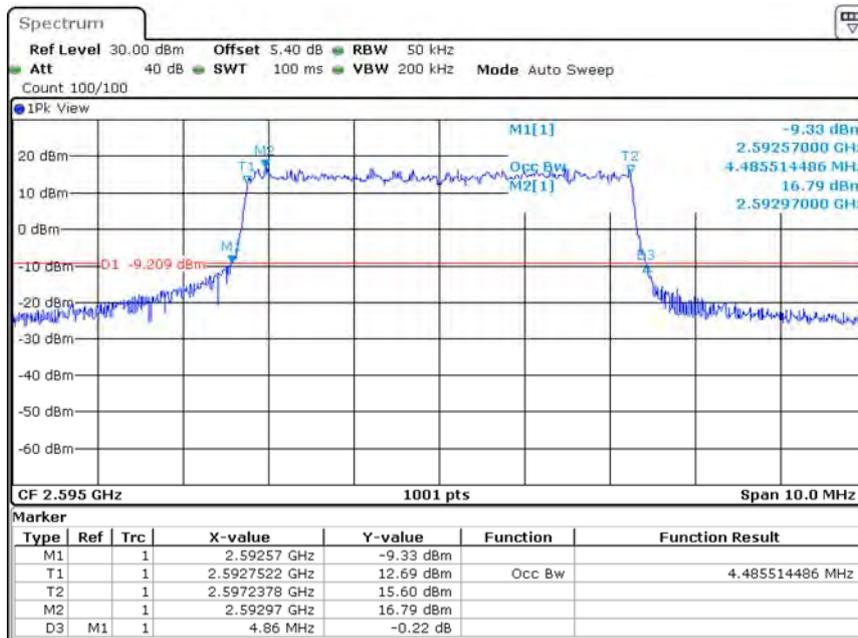


Date: 19.JUL.2020 07:51:26



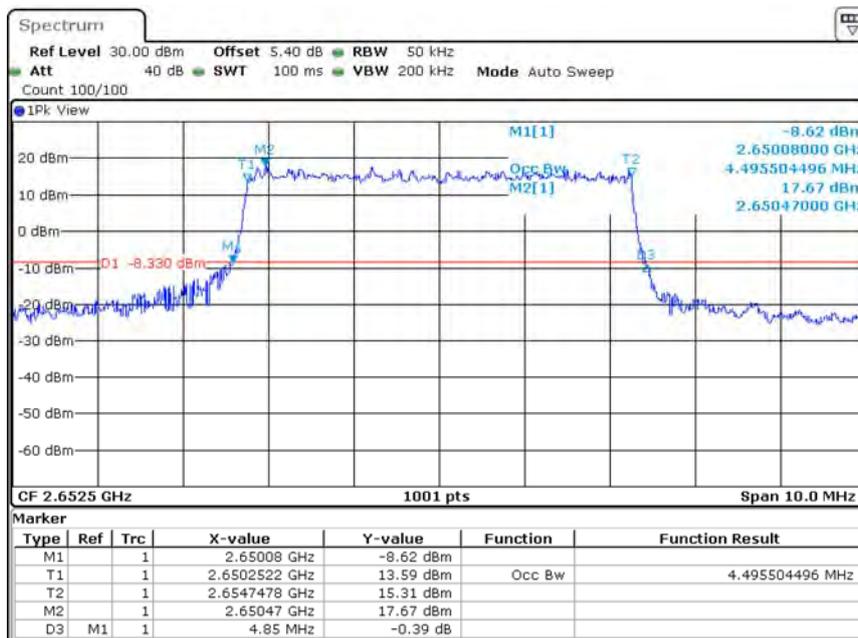
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Band41-5MHz-16QAM-40640-25RB#0-4.486



Date: 19.JUL.2020 07:52:06

Band41-5MHz-16QAM-41215-25RB#0-4.496

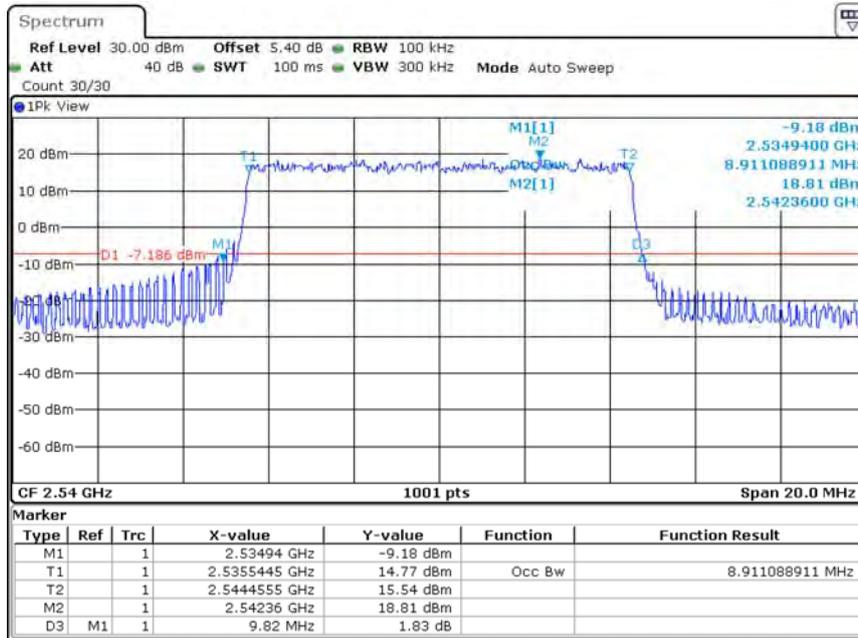


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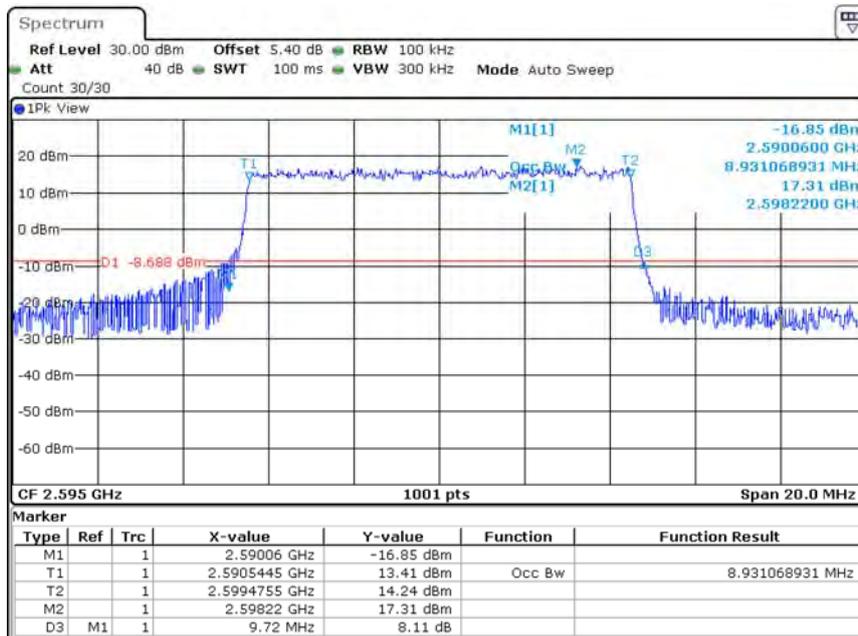
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Band41-10MHz-QPSK-40090-50RB#0-8.911



Date: 19.JUL.2020 07:53:04

Band41-10MHz-QPSK-40640-50RB#0-8.931

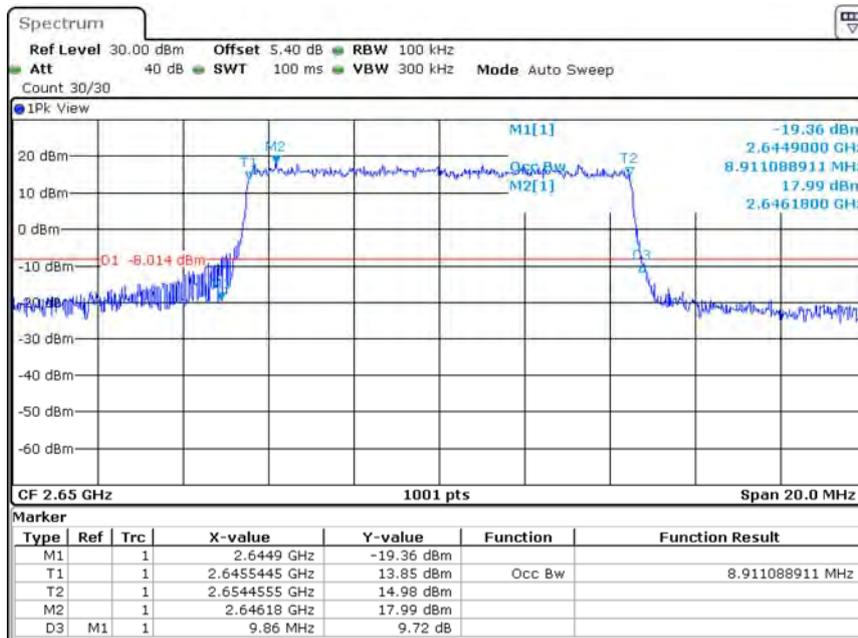


Date: 19.JUL.2020 07:53:29



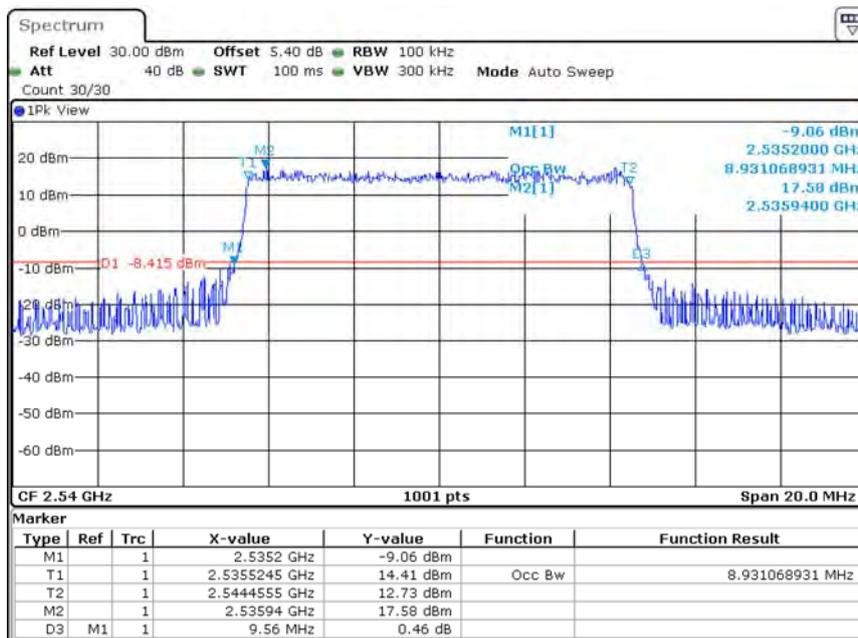
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Band41-10MHz-QPSK-41190-50RB#0-8.911



Date: 19.JUL.2020 07:53:57

Band41-10MHz-64QAM-40090-50RB#0-8.931

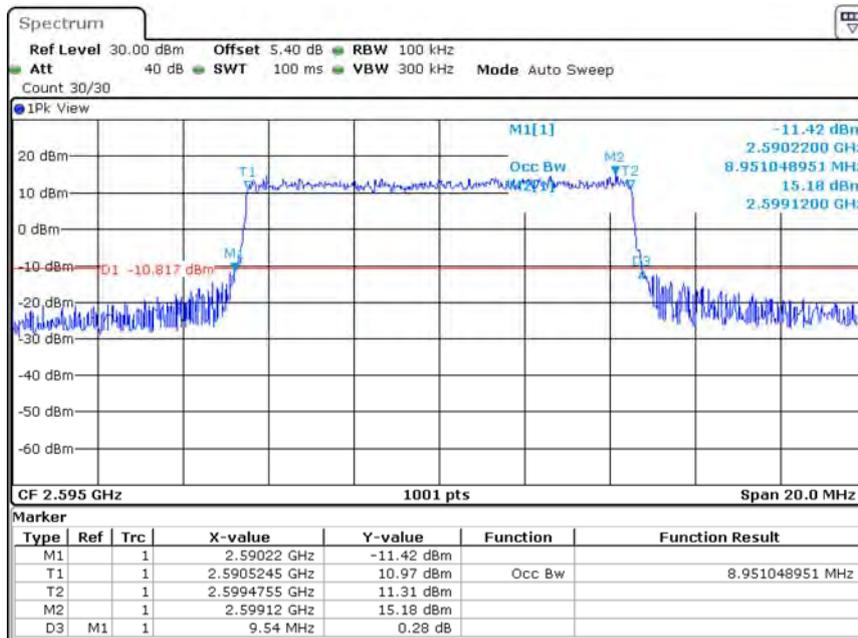


Date: 19.JUL.2020 08:37:22



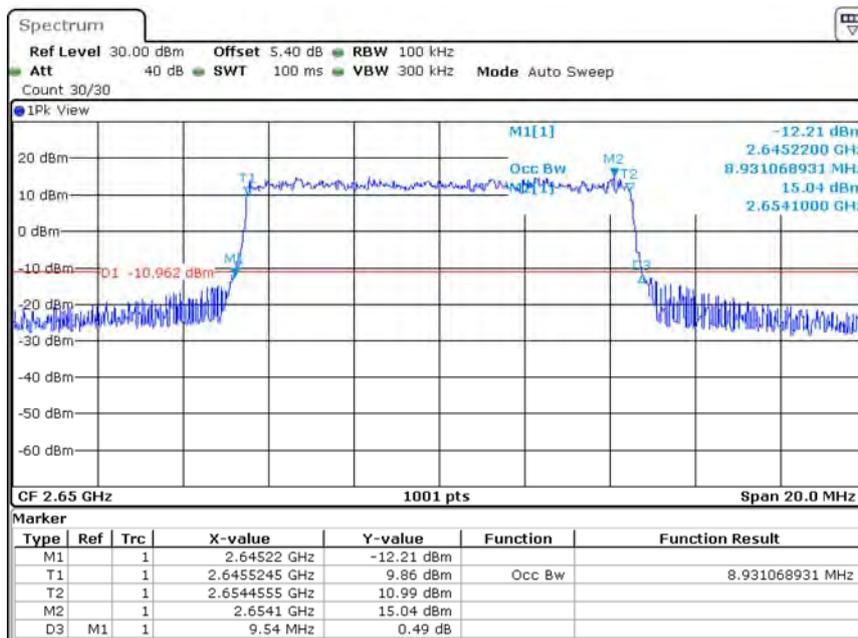
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Band41-10MHz-64QAM-40640-50RB#0-8.951



Date: 19. JUL. 2020 08:37:35

Band41-10MHz-64QAM-41190-50RB#0-8.931

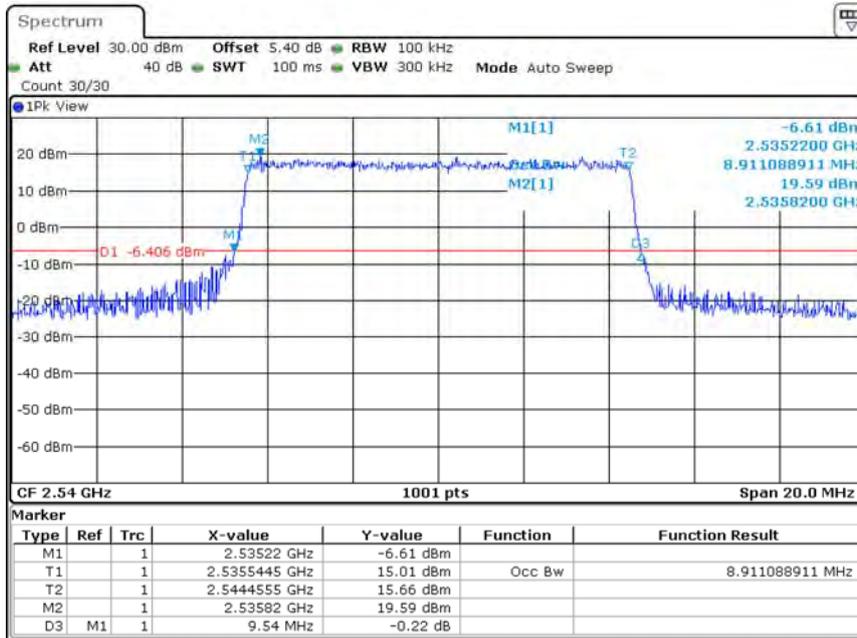


Date: 19. JUL. 2020 08:37:48



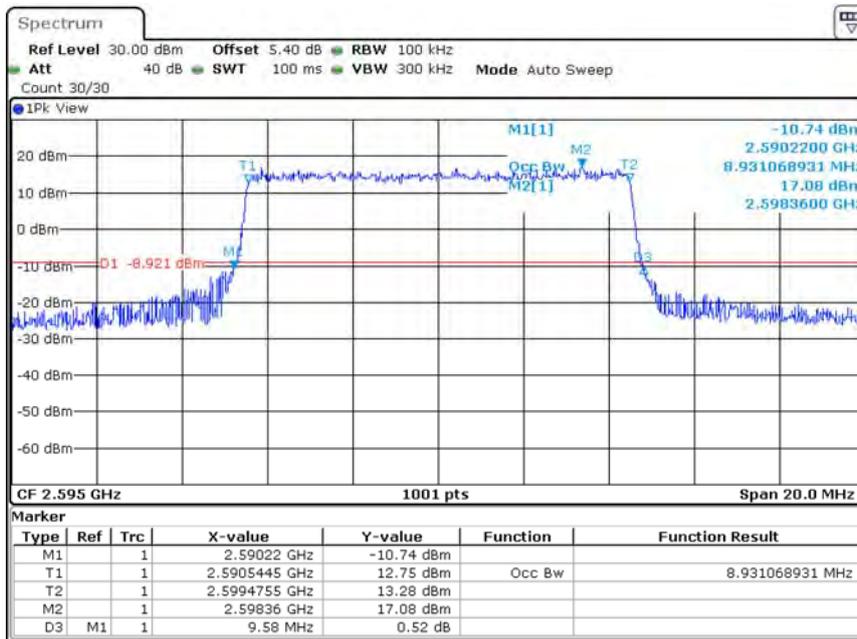
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Band41-10MHz-16QAM-40090-50RB#0-8.911



Date: 19.JUL.2020 07:53:16

Band41-10MHz-16QAM-40640-50RB#0-8.931

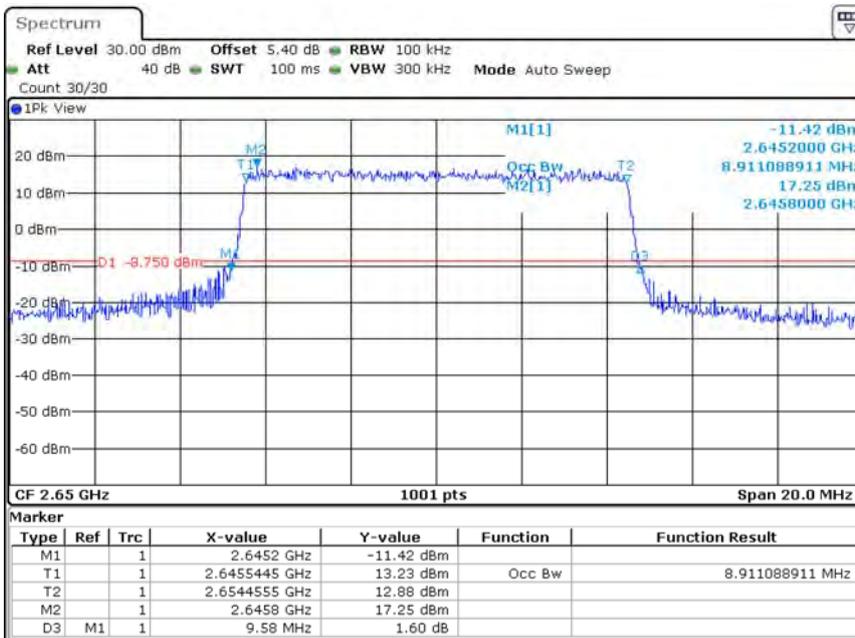


Date: 19.JUL.2020 07:53:42



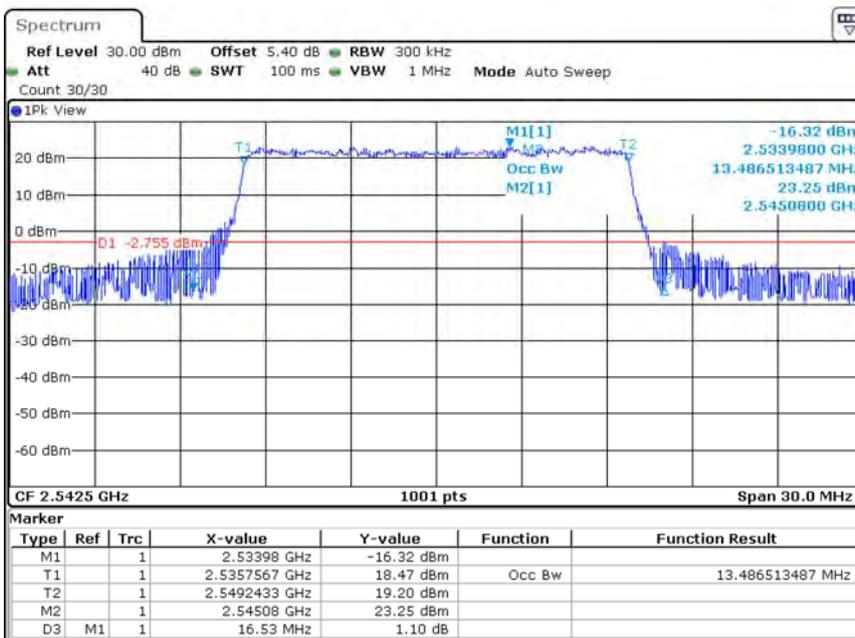
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Band41-10MHz-16QAM-41190-50RB#0-8.911



Date: 19.JUL.2020 07:54:10

Band41-15MHz-QPSK-40115-75RB#0-13.487

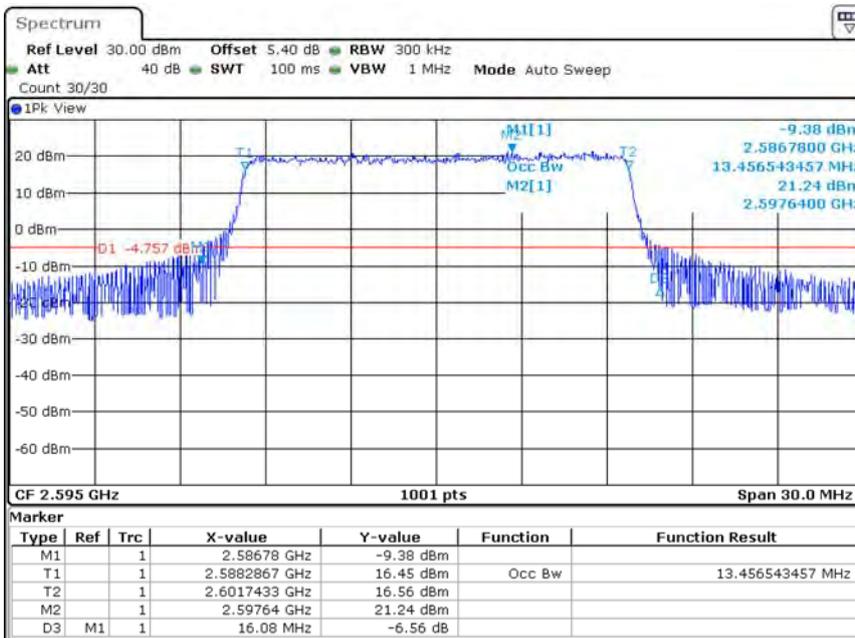


Date: 19.JUL.2020 07:54:28



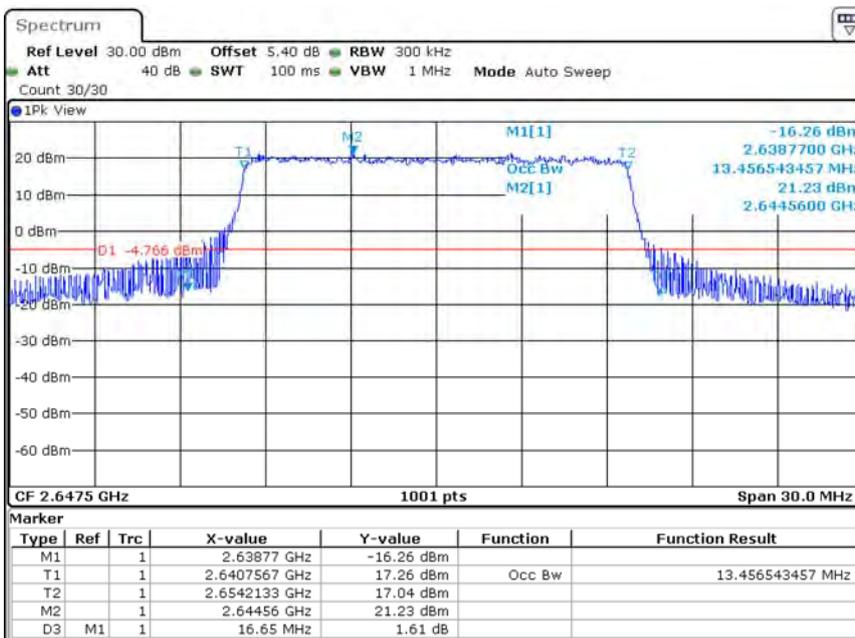
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Band41-15MHz-QPSK-40640-75RB#0-13.457



Date: 19.JUL.2020 07:54:53

Band41-15MHz-QPSK-41165-75RB#0-13.457

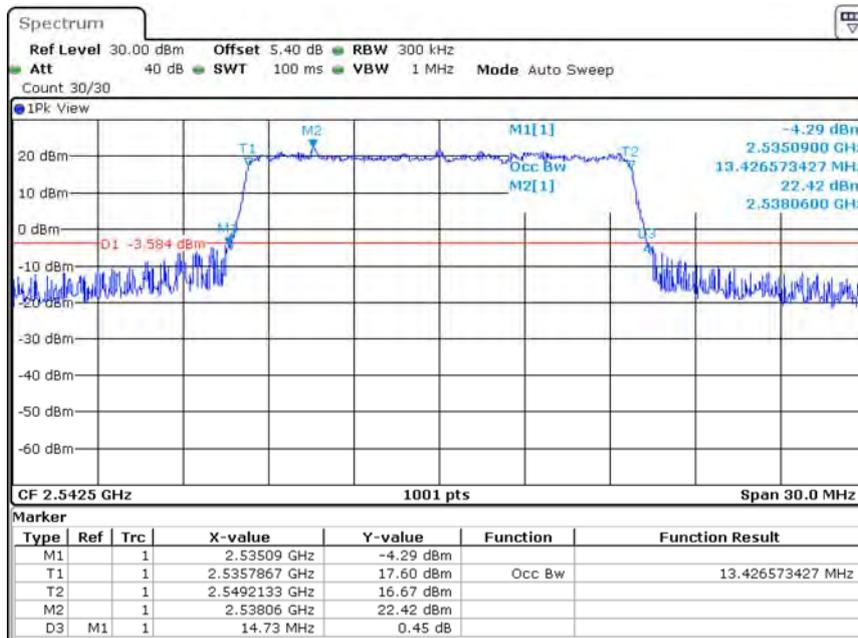


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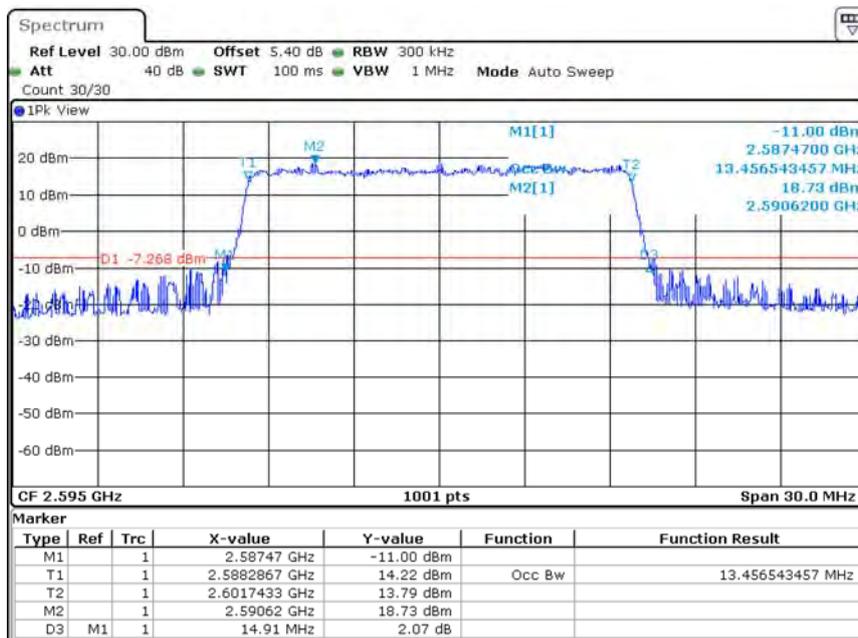
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Band41-15MHz-64QAM-40115-75RB#0-13.427



Date: 19.JUL.2020 08:38:07

Band41-15MHz-64QAM-40640-75RB#0-13.457

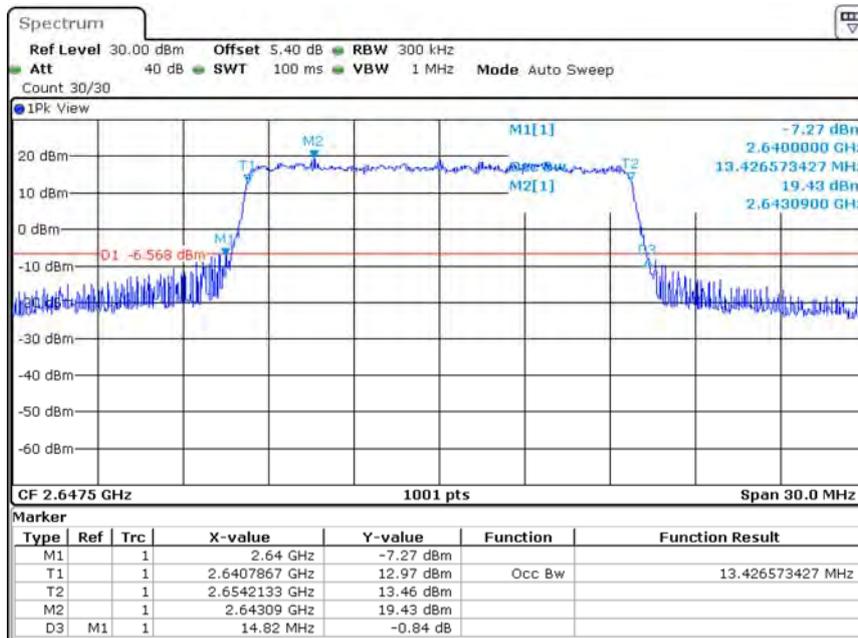


Date: 19.JUL.2020 08:38:20



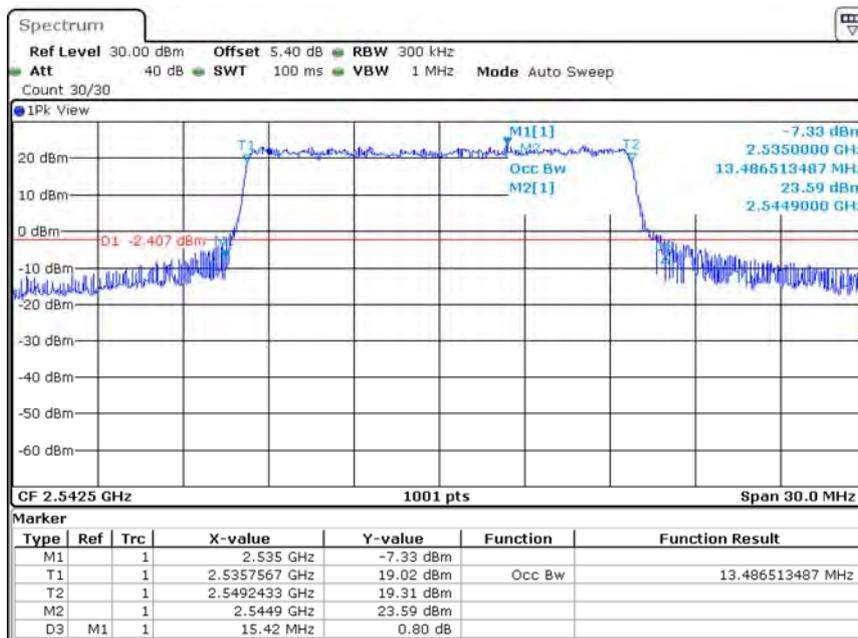
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Band41-15MHz-64QAM-41165-75RB#0-13.427



Date: 19.JUL.2020 08:38:33

Band41-15MHz-16QAM-40115-75RB#0-13.487

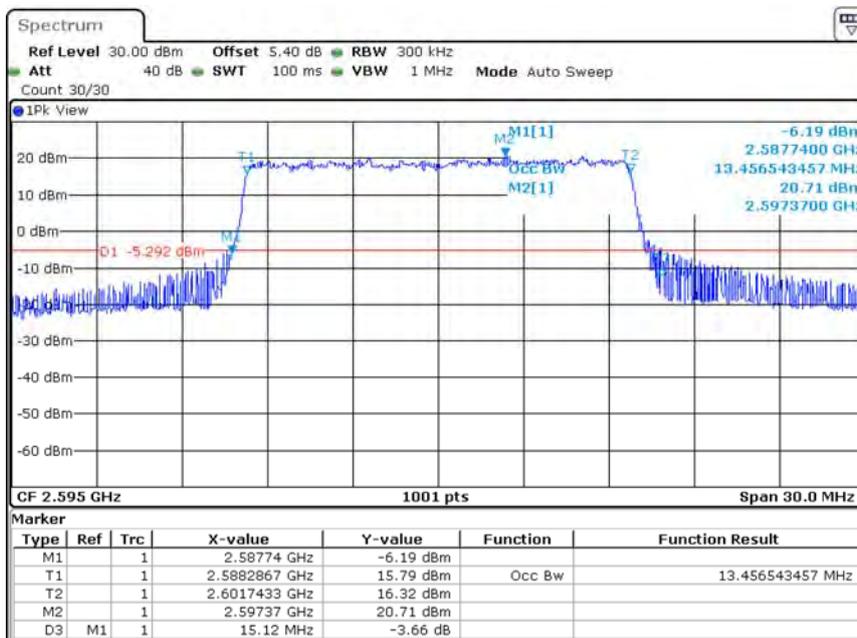


Date: 19.JUL.2020 07:54:41



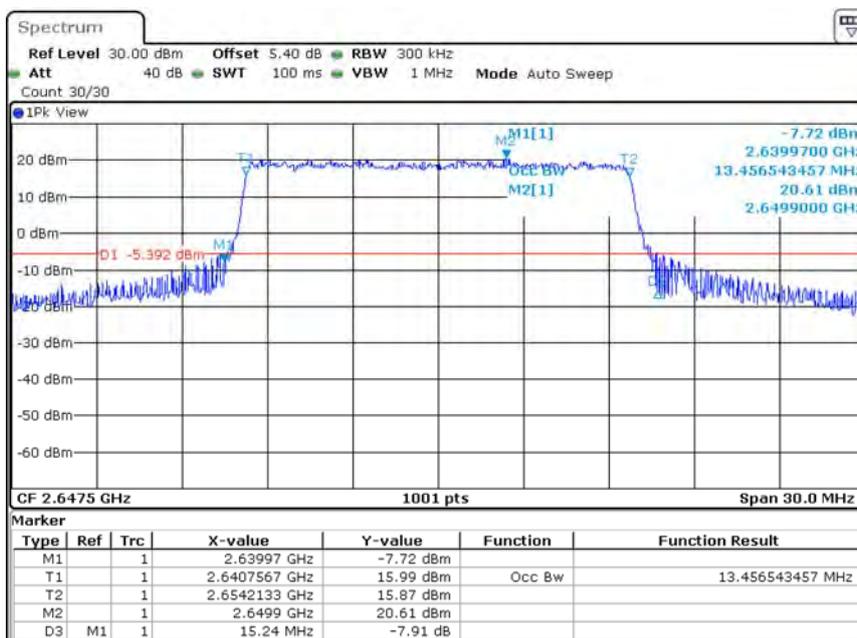
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Band41-15MHz-16QAM-40640-75RB#0-13.457



Date: 19.JUL.2020 07:55:06

Band41-15MHz-16QAM-41165-75RB#0-13.457



Date: 19.JUL.2020 07:55:32

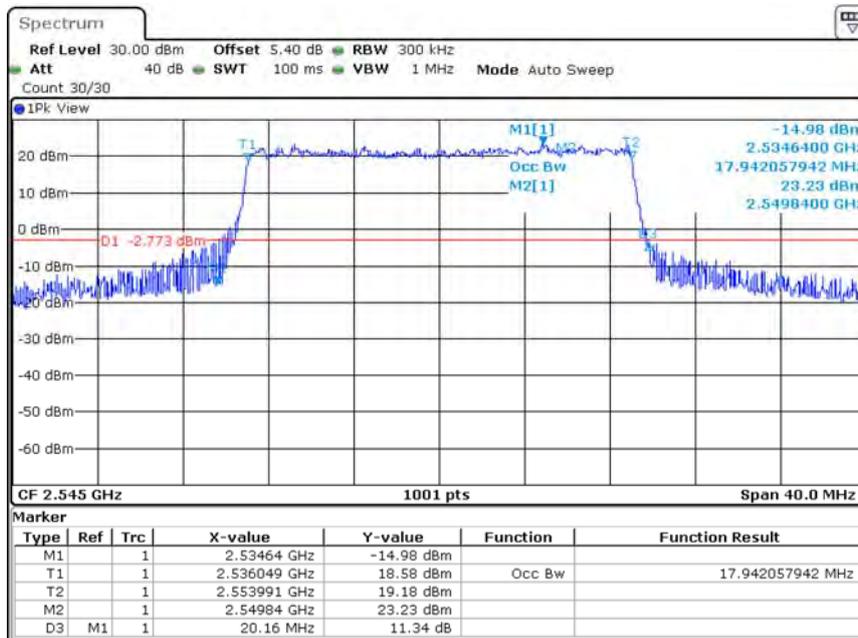


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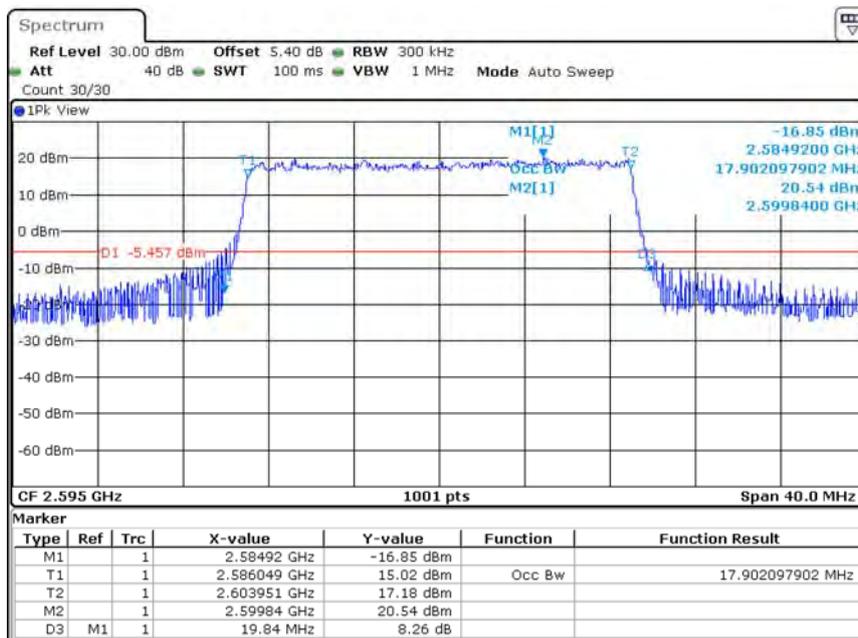
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band41-20MHz-QPSK-40140-100RB#0-17.942



Date: 19.JUL.2020 07:55:50

Band41-20MHz-QPSK-40640-100RB#0-17.902

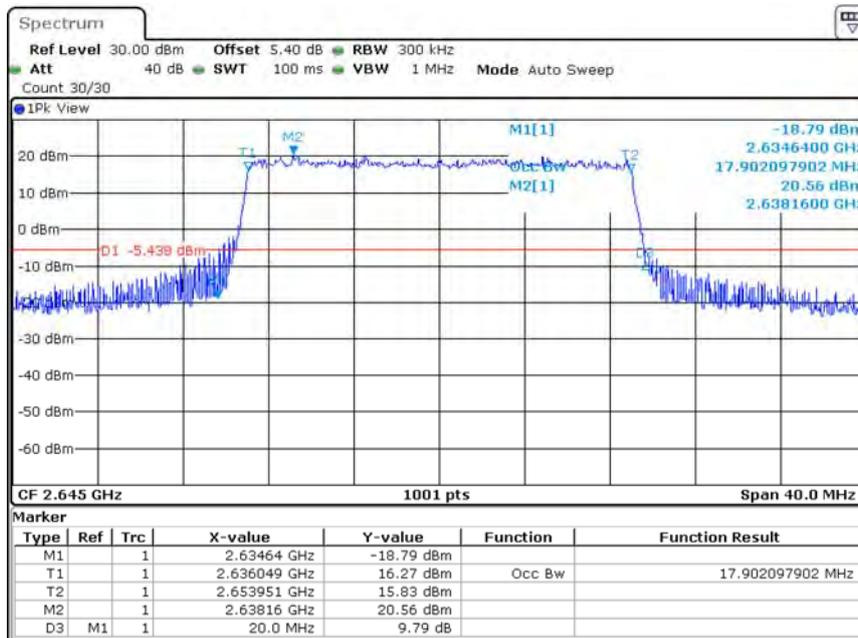


Date: 19.JUL.2020 07:56:16



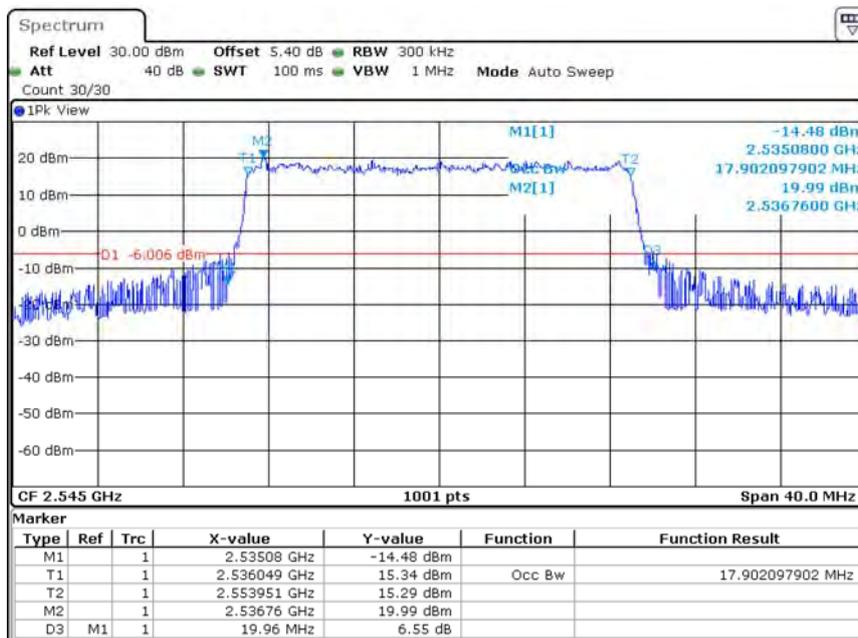
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Band41-20MHz-QPSK-41140-100RB#0-17.902



Date: 19.JUL.2020 07:56:41

Band41-20MHz-64QAM-40140-100RB#0-17.902

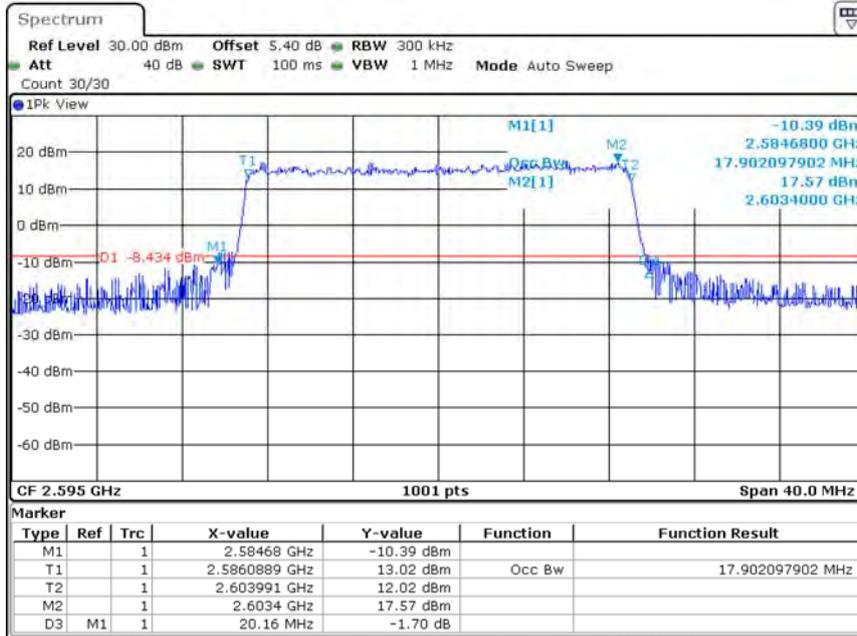


Date: 19.JUL.2020 08:38:53



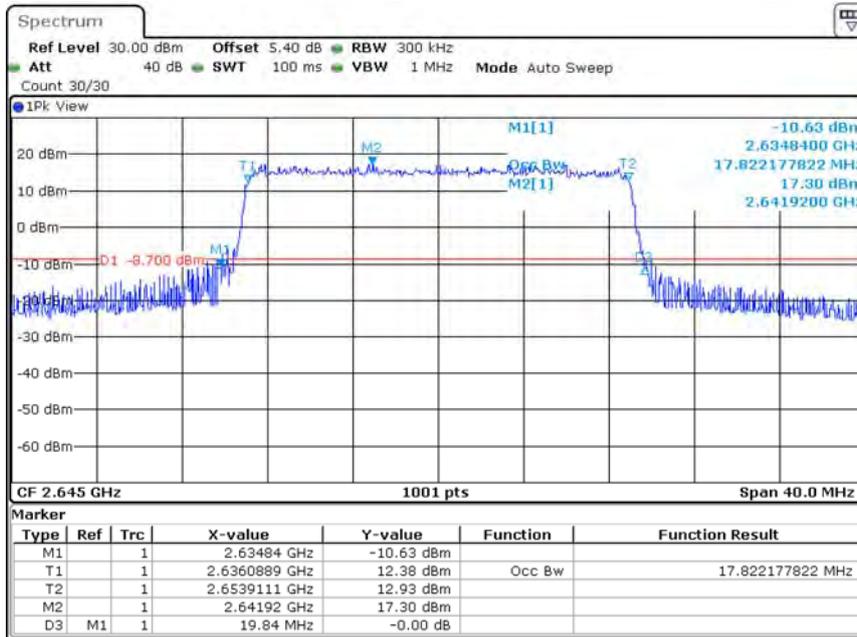
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Band41-20MHz-64QAM-40640-100RB#0-17.902



Date: 19.JUL.2020 08:39:05

Band41-20MHz-64QAM-41140-100RB#0-17.822

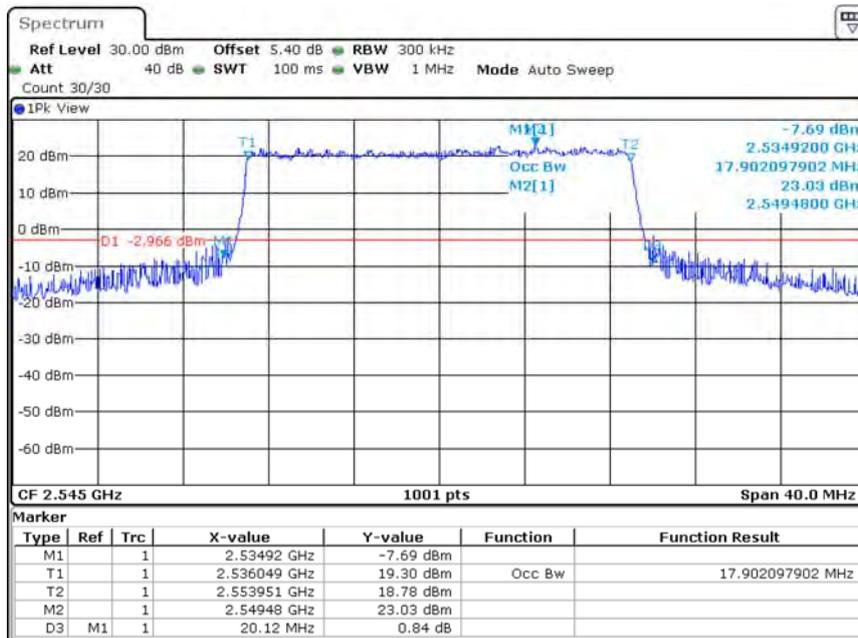


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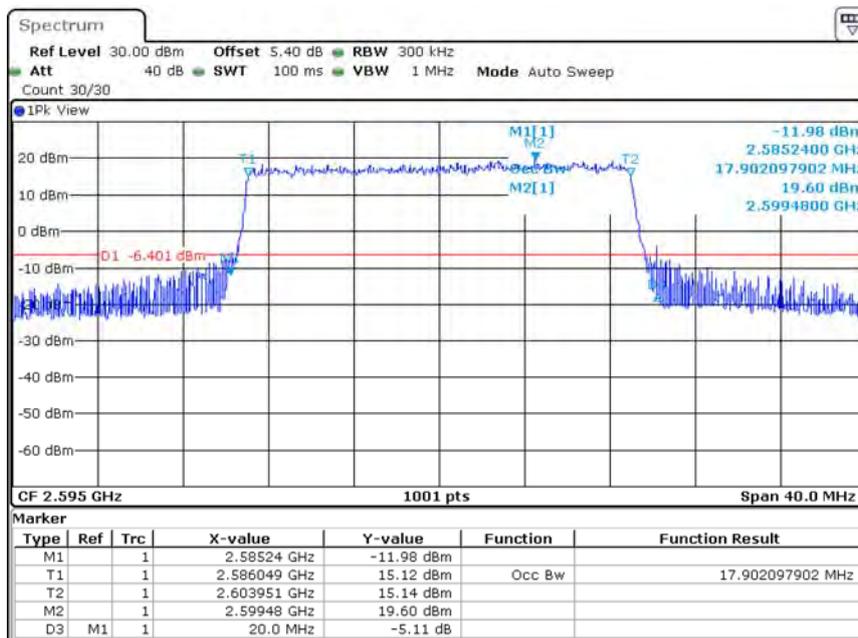
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Band41-20MHz-16QAM-40140-100RB#0-17.902



Date: 19.JUL.2020 07:56:03

Band41-20MHz-16QAM-40640-100RB#0-17.902

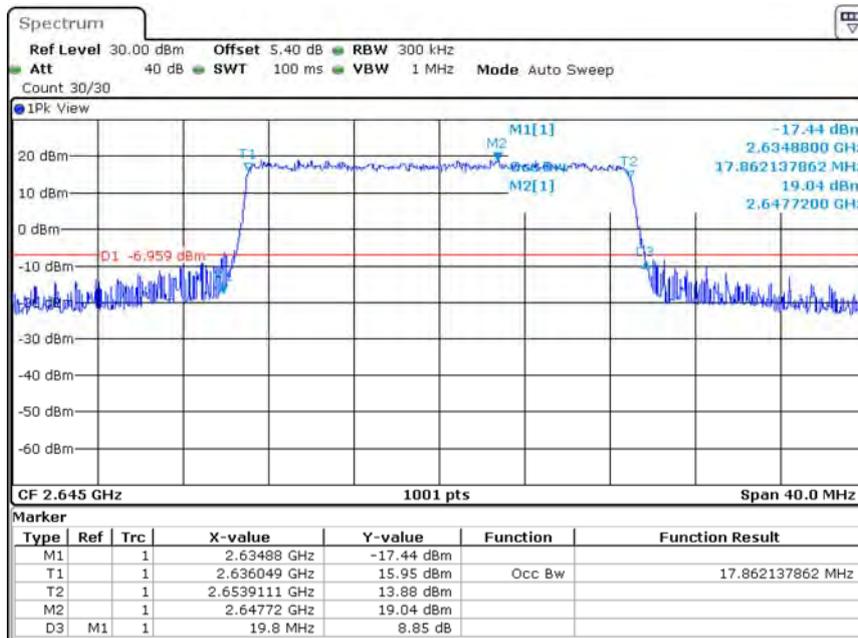


Date: 19.JUL.2020 07:56:28



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Band41-20MHz-16QAM-41140-100RB#0-17.862



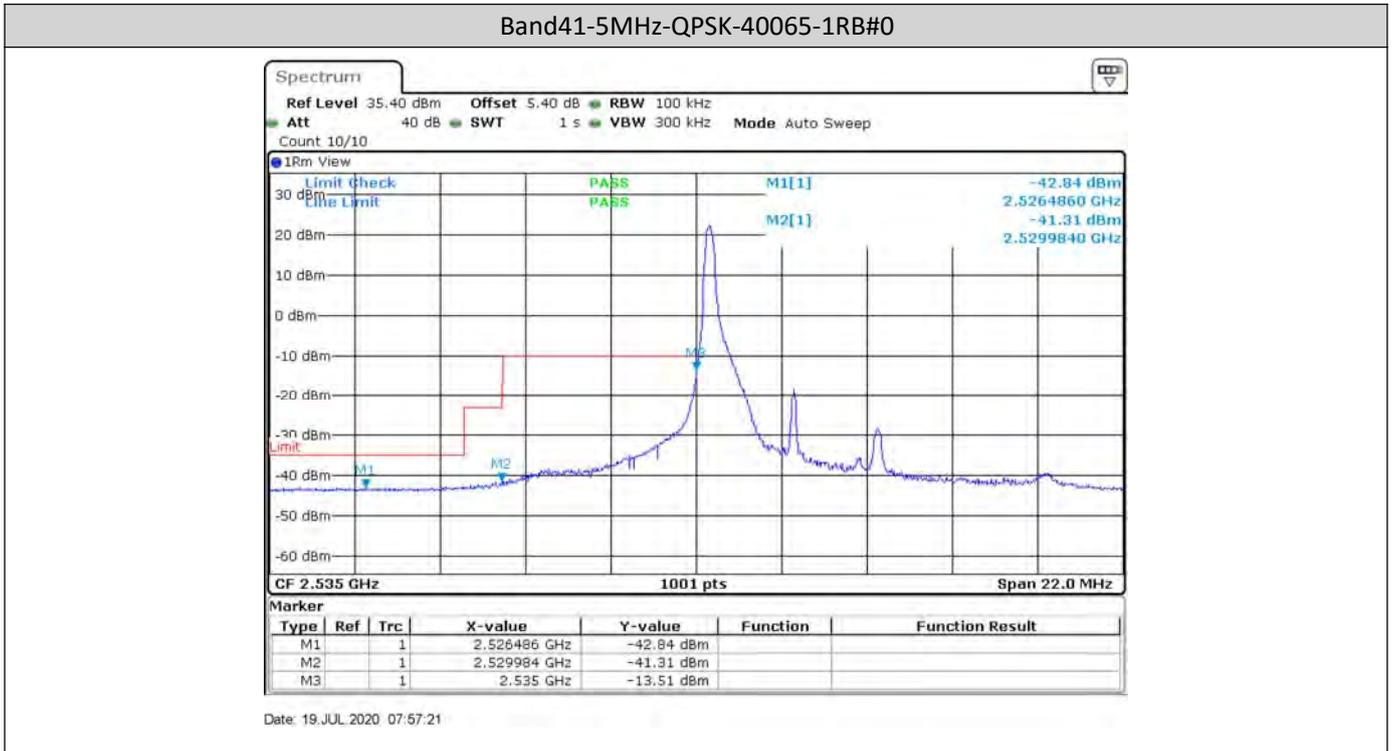
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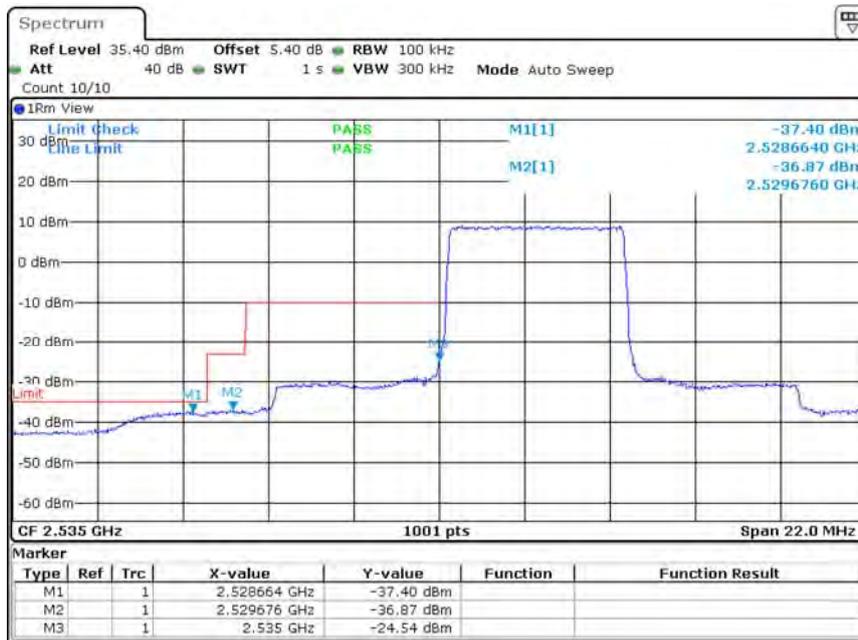
5. Band Edge Compliance

5.1. Test Plots



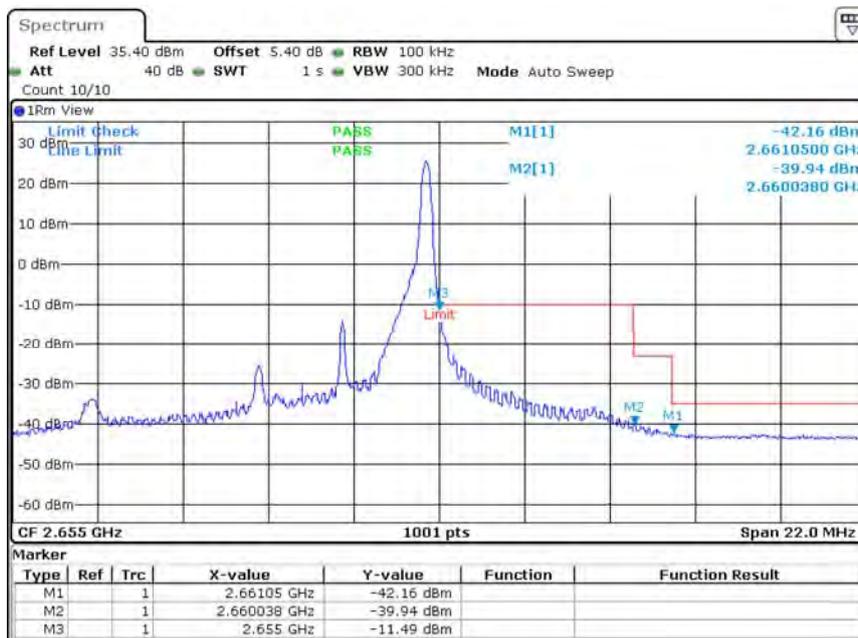
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Band41-5MHz-QPSK-40065-25RB#0



Date: 19.JUL.2020 07:58:56

Band41-5MHz-QPSK-41215-1RB#24

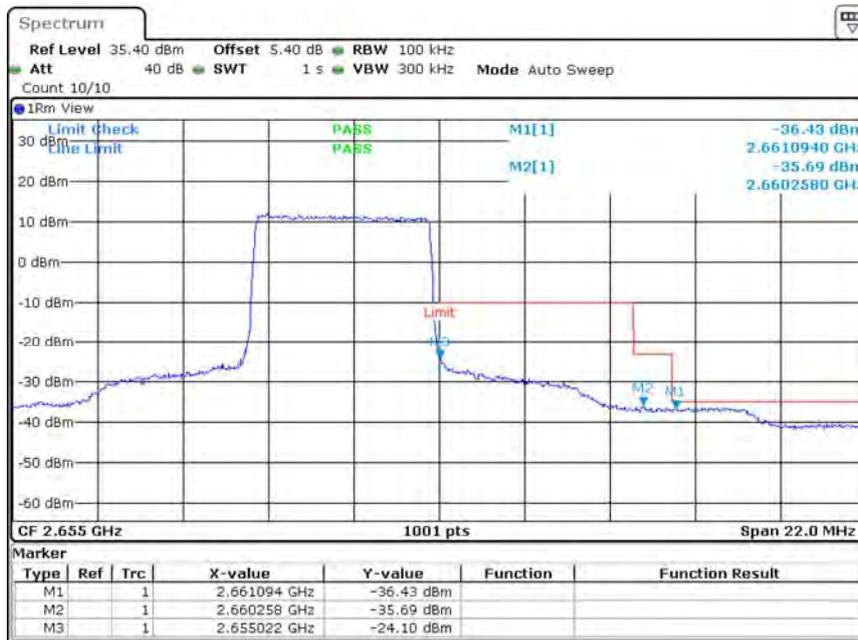


Date: 19.JUL.2020 07:58:09



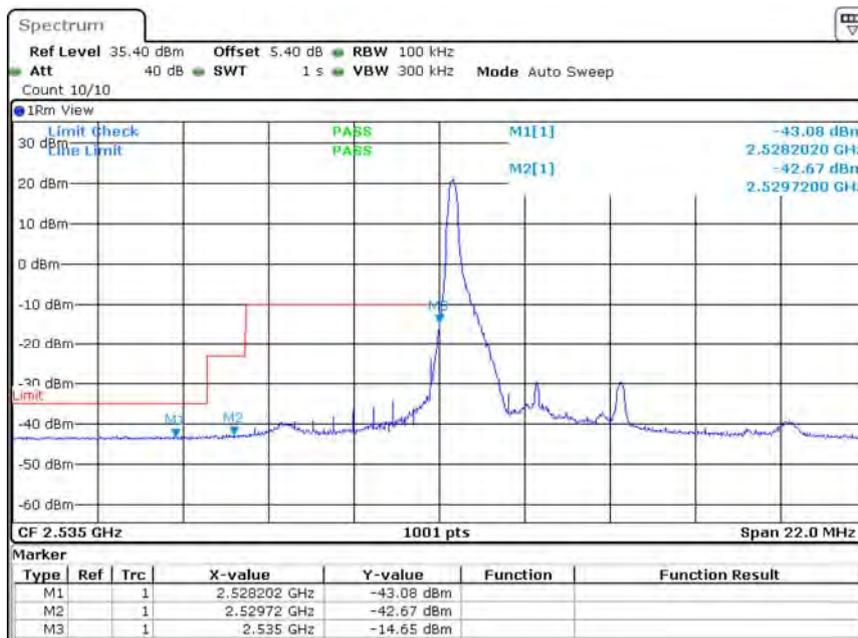
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Band41-5MHz-QPSK-41215-25RB#0



Date: 19.JUL.2020 07:59:40

Band41-5MHz-64QAM-40065-1RB#0

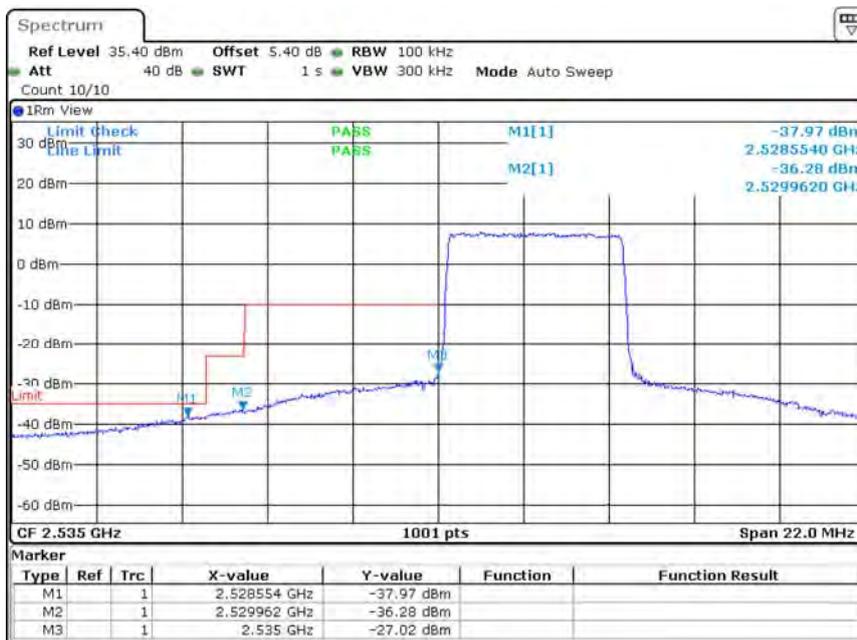


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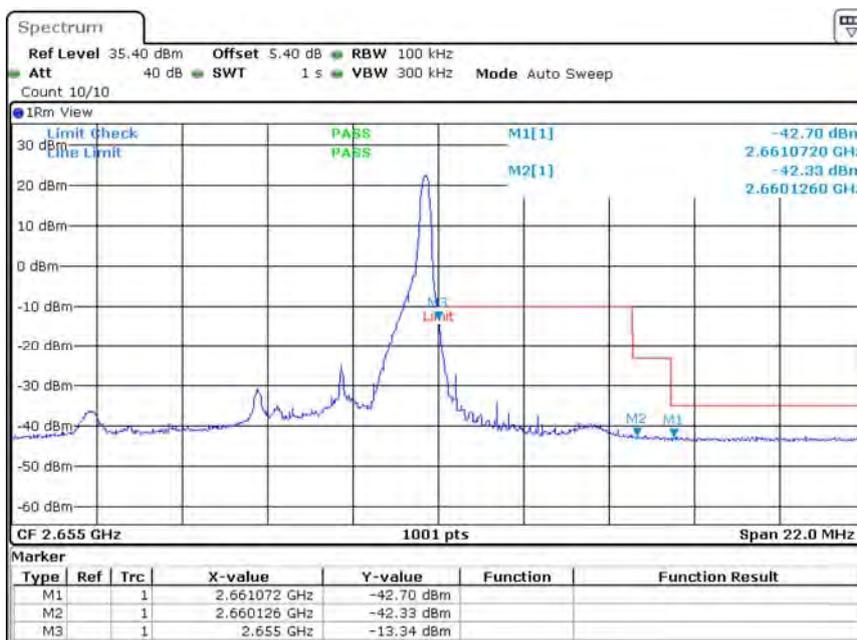
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Band41-5MHz-64QAM-40065-25RB#0



Date: 19.JUL.2020 08:40:40

Band41-5MHz-64QAM-41215-1RB#24

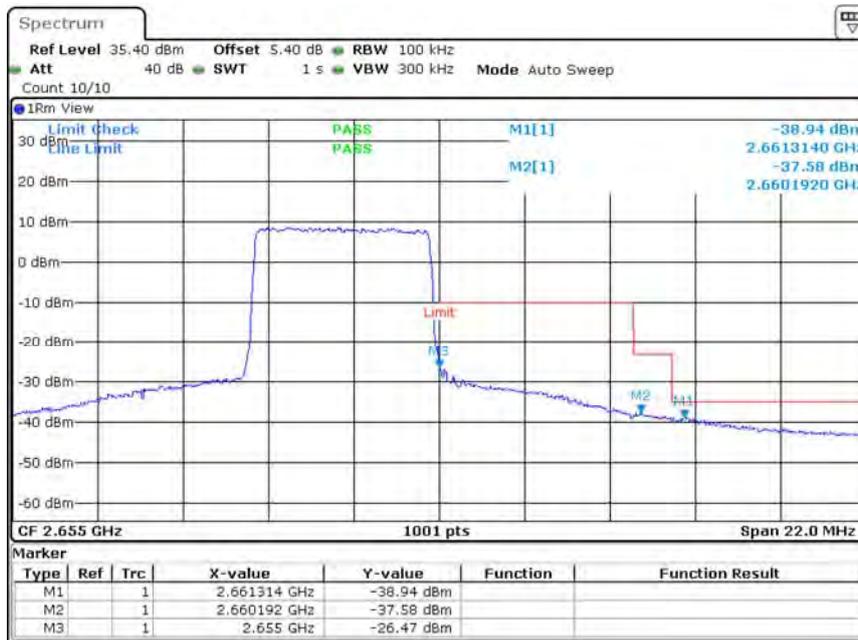


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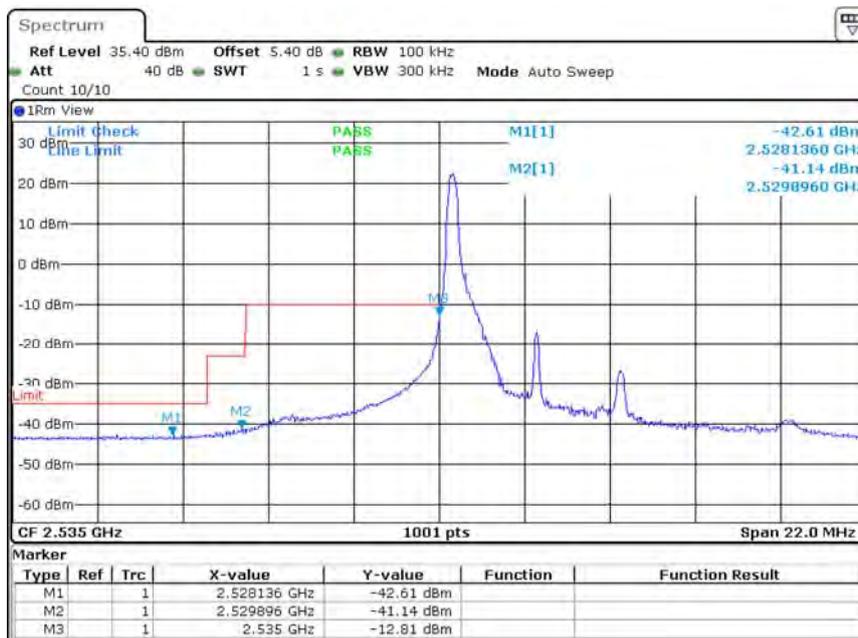
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Band41-5MHz-64QAM-41215-25RB#0



Date: 19.JUL.2020 08:41:02

Band41-5MHz-16QAM-40065-1RB#0



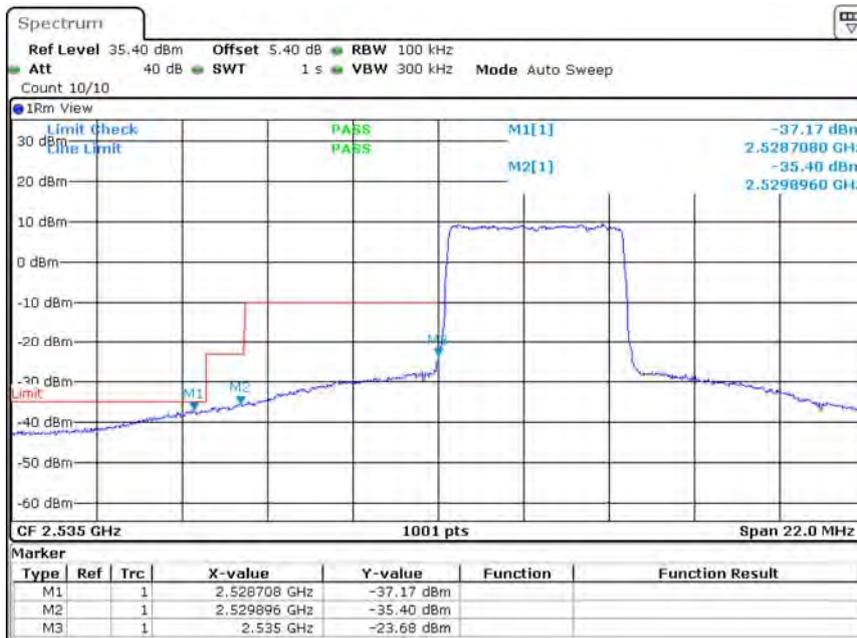
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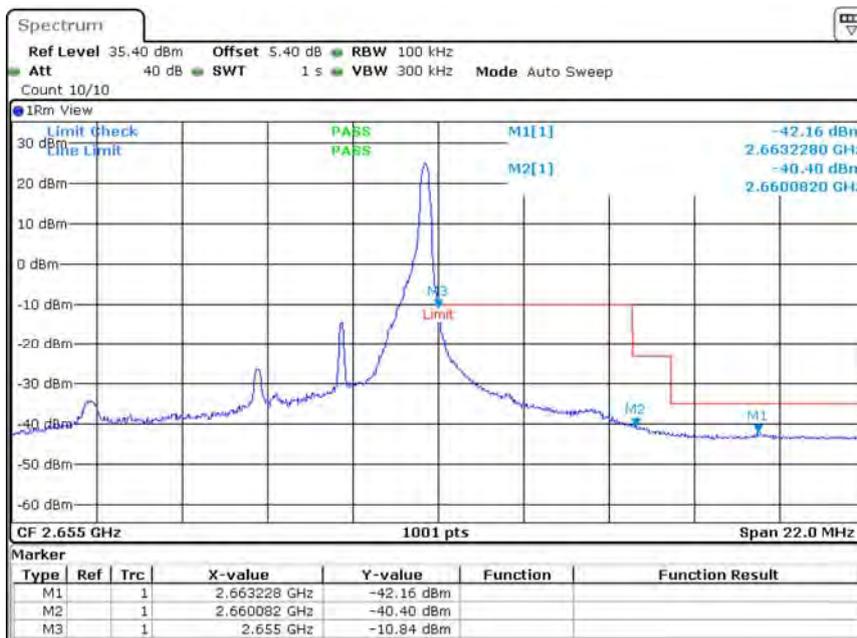
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Band41-5MHz-16QAM-40065-25RB#0



Date: 19.JUL.2020 07:59:18

Band41-5MHz-16QAM-41215-1RB#24

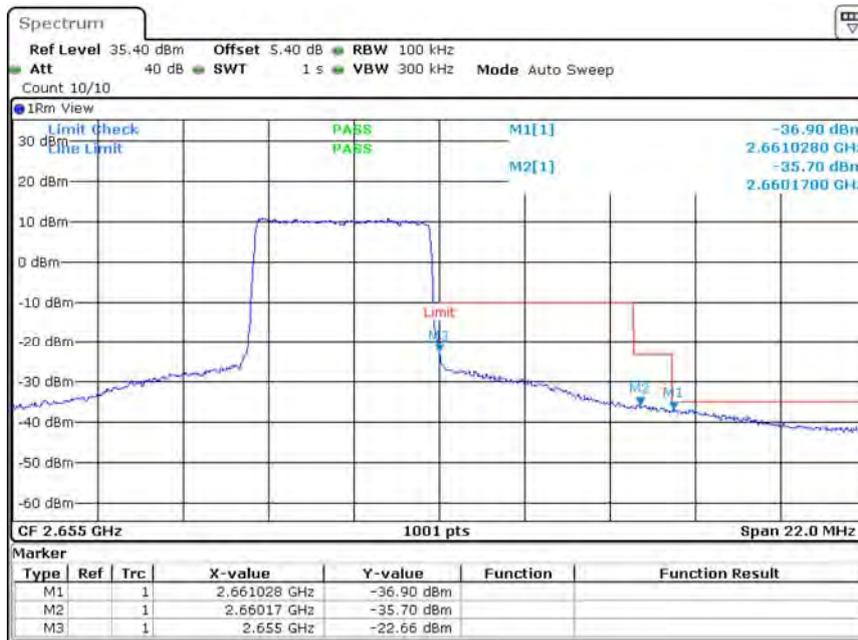


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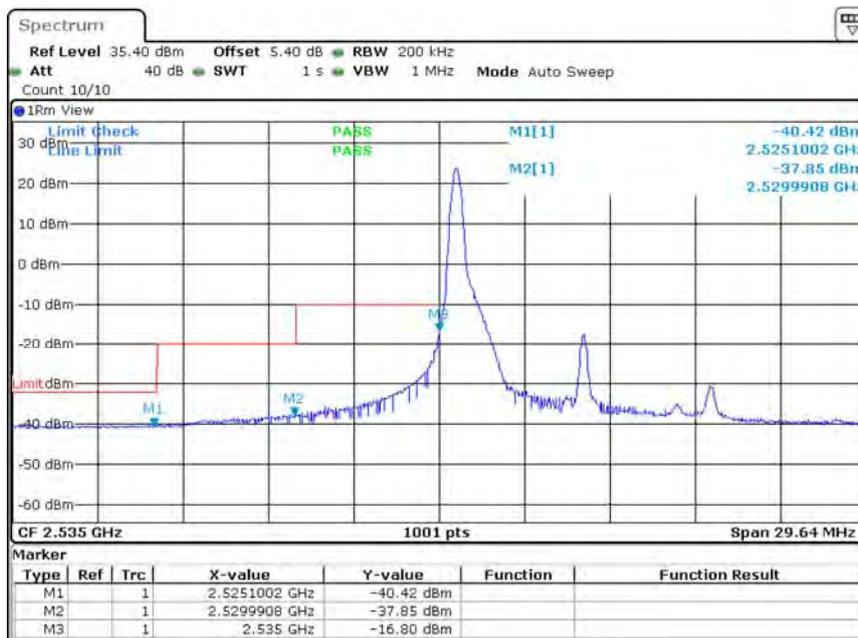
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Band41-5MHz-16QAM-41215-25RB#0



Date: 19.JUL.2020 08:00:02

Band41-10MHz-QPSK-40090-1RB#0

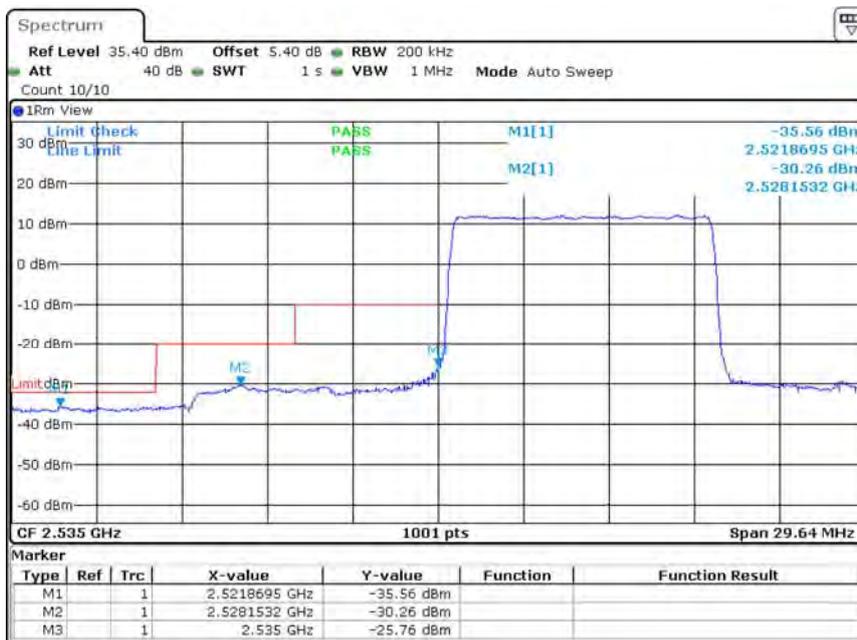


Date: 19.JUL.2020 08:00:29



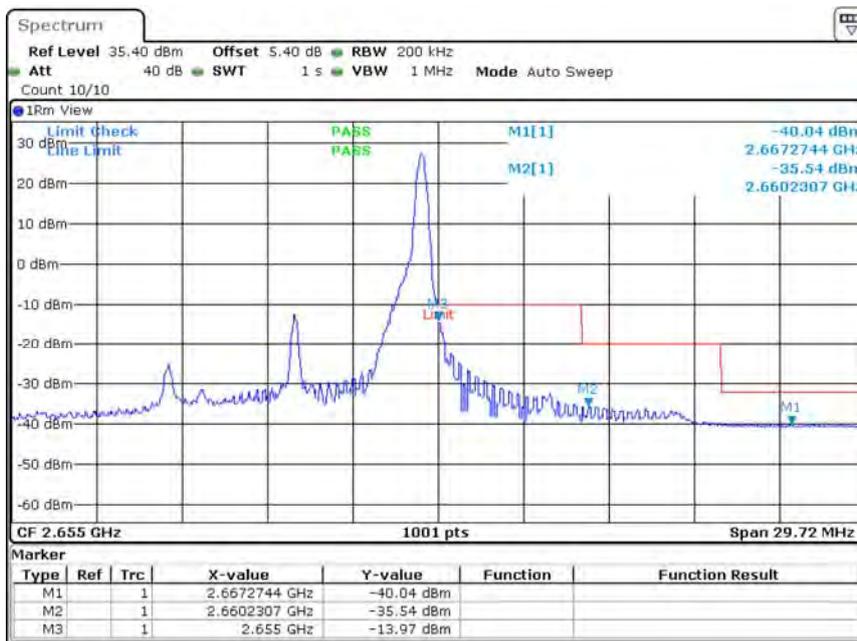
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Band41-10MHz-QPSK-40090-50RB#0



Date: 19.JUL.2020 08:02:05

Band41-10MHz-QPSK-41190-1RB#49



Date: 19.JUL.2020 08:01:17

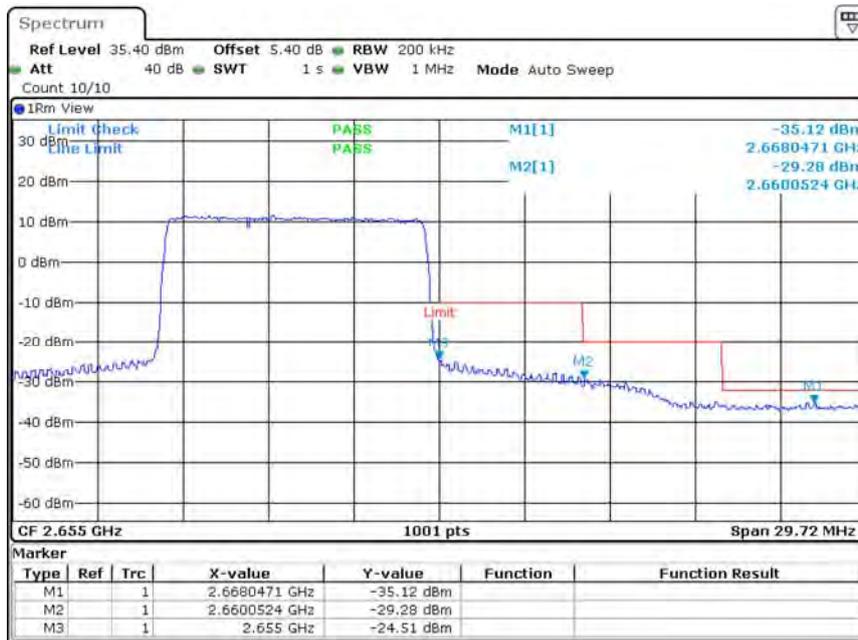


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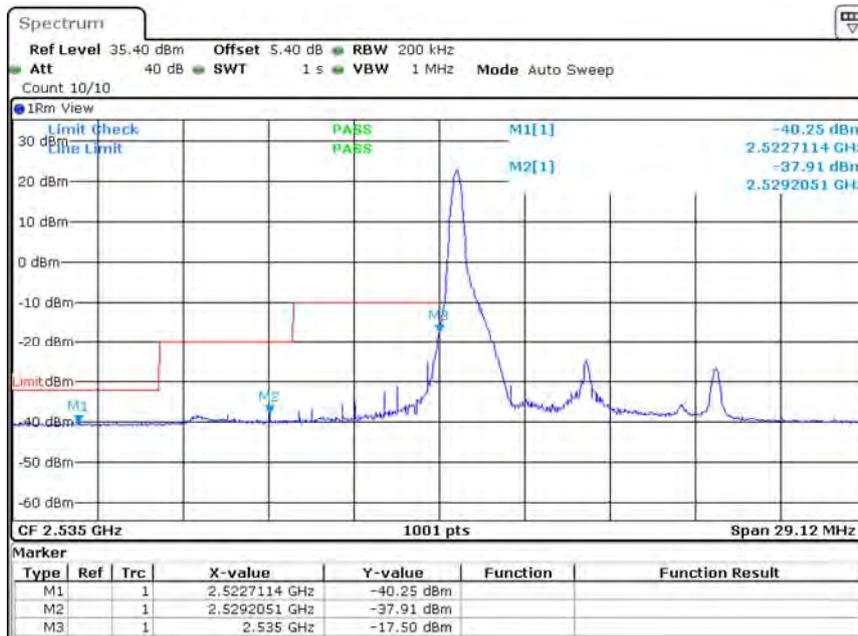
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Band41-10MHz-QPSK-41190-50RB#0



Date: 19 JUL 2020 08:02:49

Band41-10MHz-64QAM-40090-1RB#0



Date: 19 JUL 2020 08:41:30



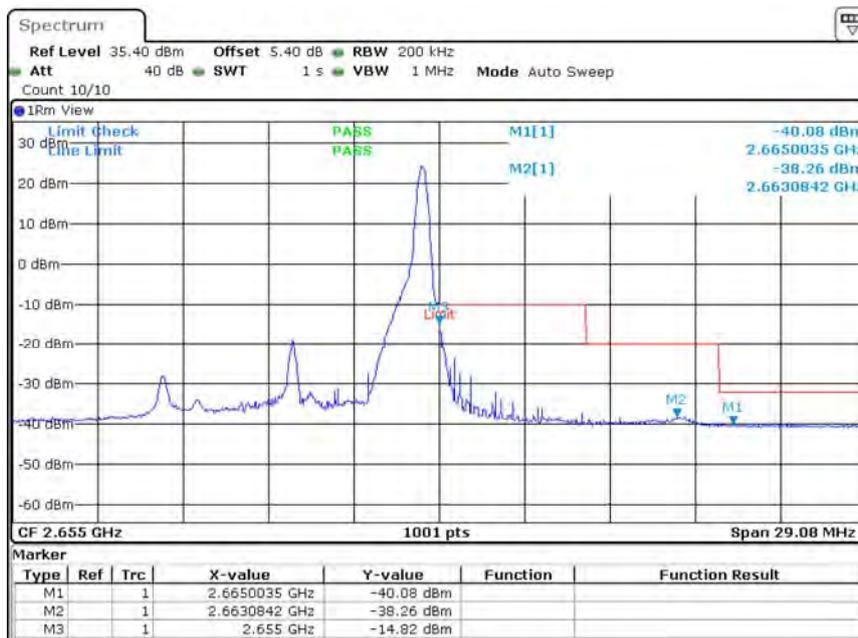
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Band41-10MHz-64QAM-40090-50RB#0



Date: 19.JUL.2020 08:42:24

Band41-10MHz-64QAM-41190-1RB#49

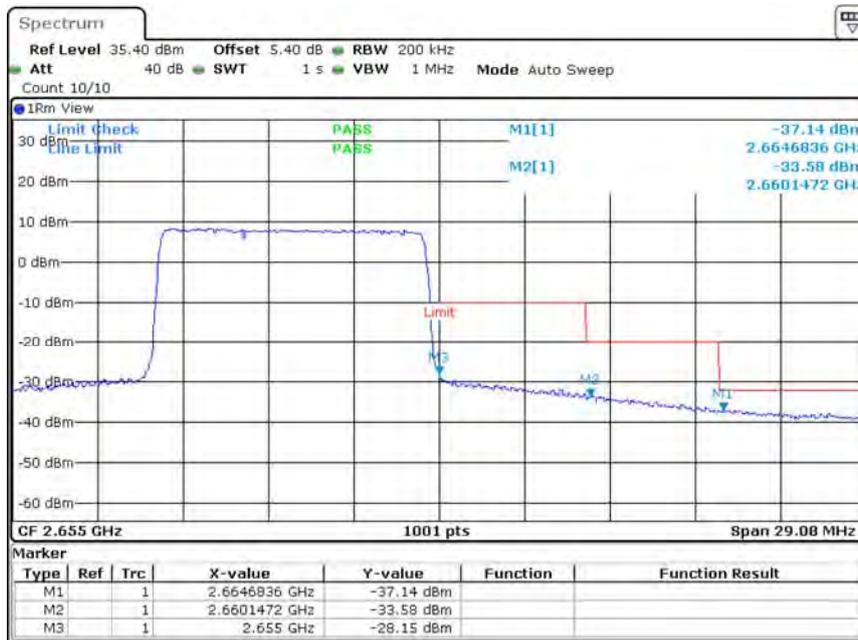


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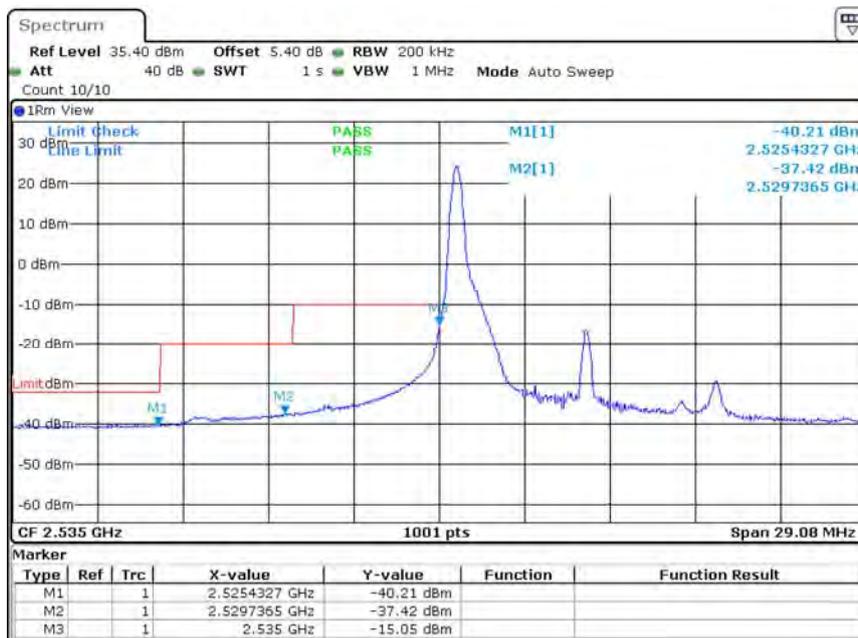
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Band41-10MHz-64QAM-41190-50RB#0



Date: 19.JUL.2020 08:42:46

Band41-10MHz-16QAM-40090-1RB#0



Date: 19.JUL.2020 08:00:50

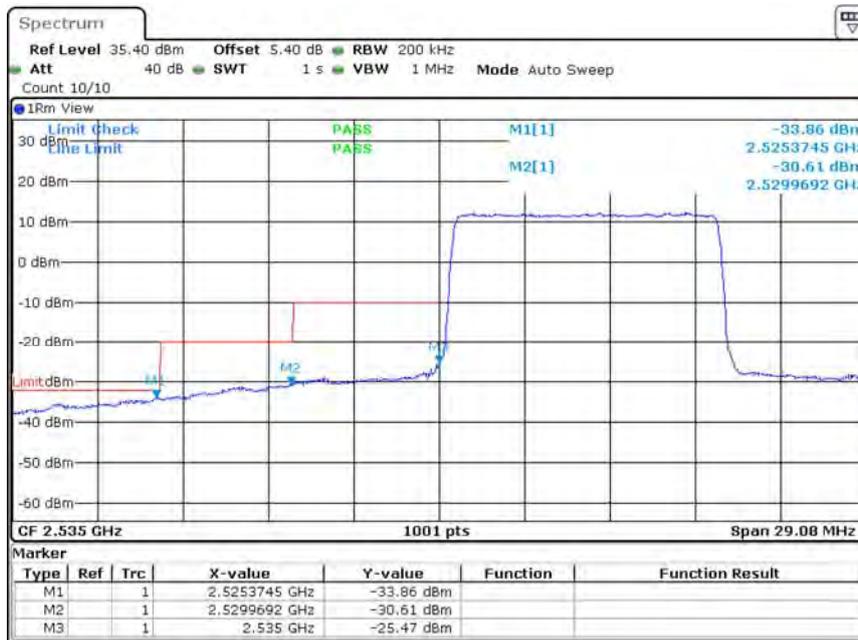


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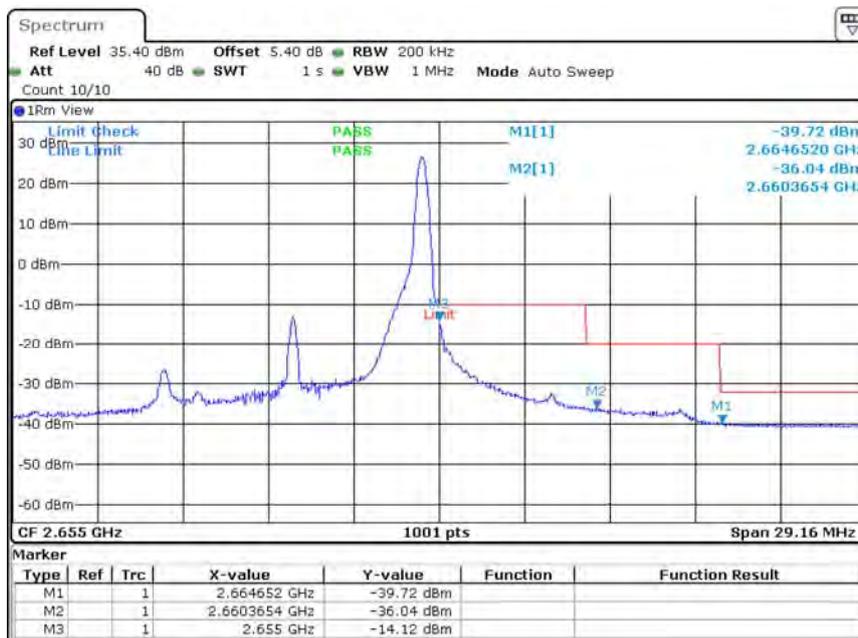
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Band41-10MHz-16QAM-40090-50RB#0



Date: 19.JUL.2020 08:02:27

Band41-10MHz-16QAM-41190-1RB#49

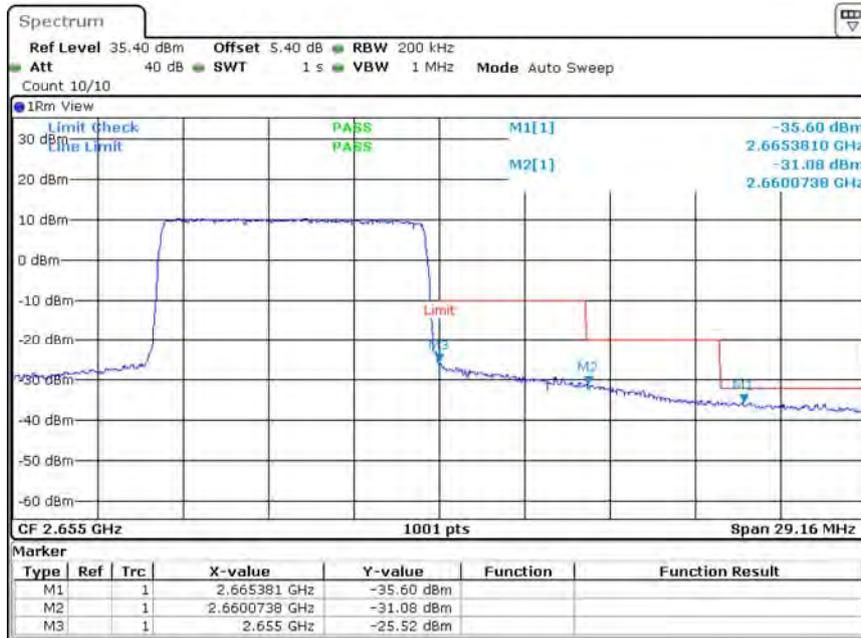


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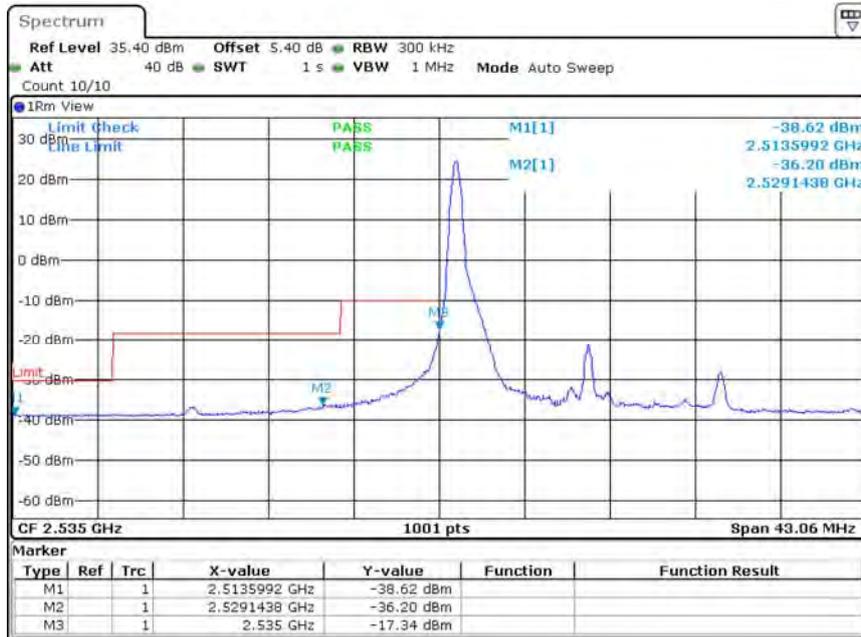
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Band41-10MHz-16QAM-41190-50RB#0



Date: 19 JUL 2020 08:03:11

Band41-15MHz-QPSK-40115-1RB#0



Date: 19 JUL 2020 08:03:38



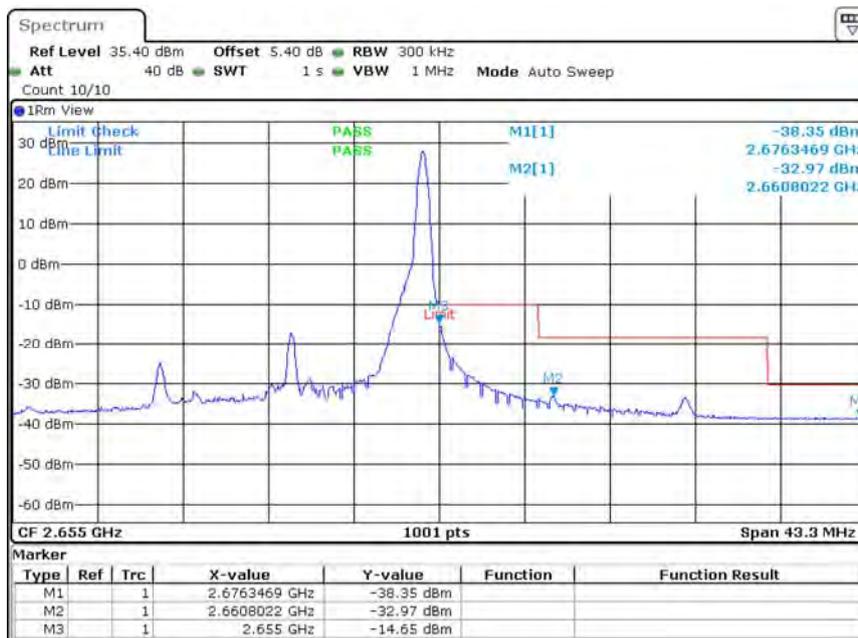
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Band41-15MHz-QPSK-40115-75RB#0



Date: 19.JUL.2020 08:05:13

Band41-15MHz-QPSK-41165-1RB#74

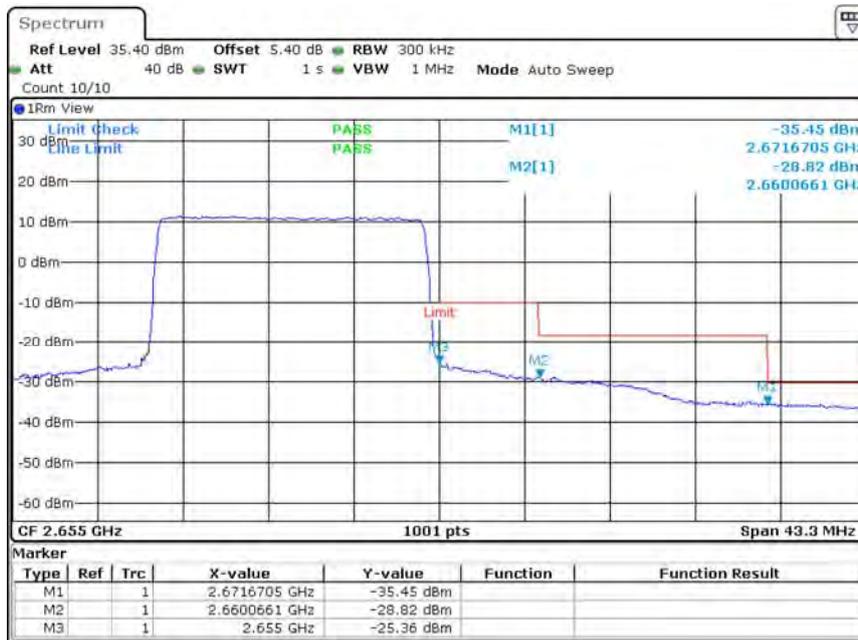


Date: 19.JUL.2020 08:04:26



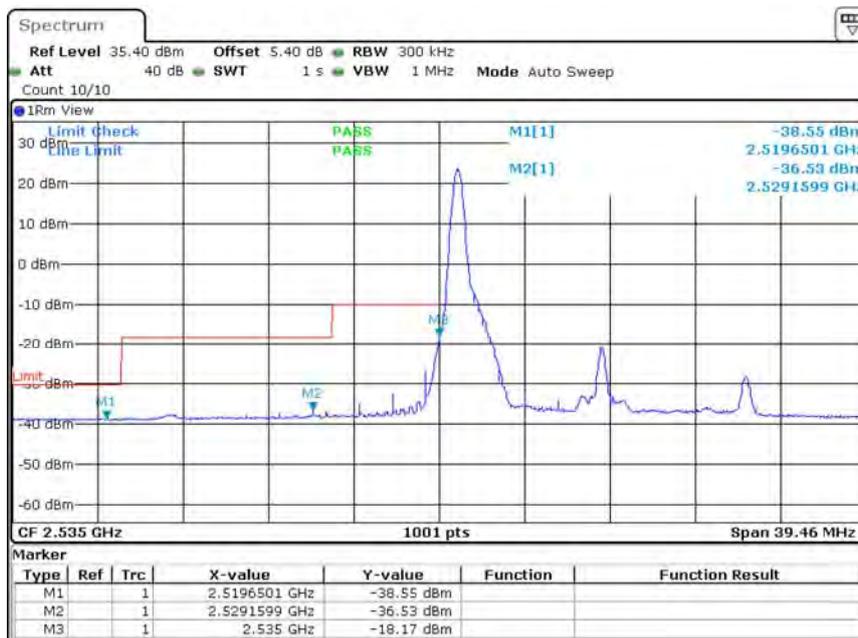
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Band41-15MHz-QPSK-41165-75RB#0



Date: 19.JUL.2020 08:05:57

Band41-15MHz-64QAM-40115-1RB#0

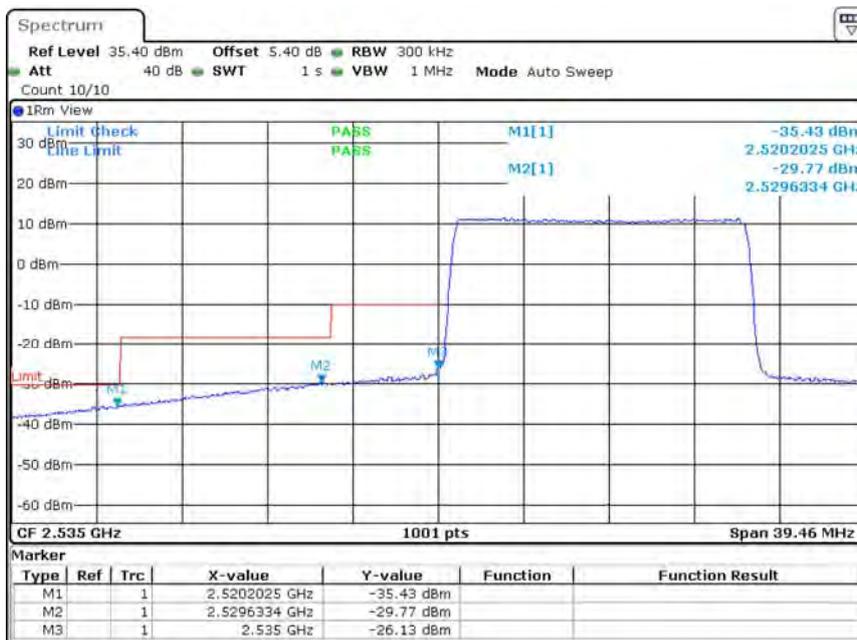


Date: 19.JUL.2020 08:43:14



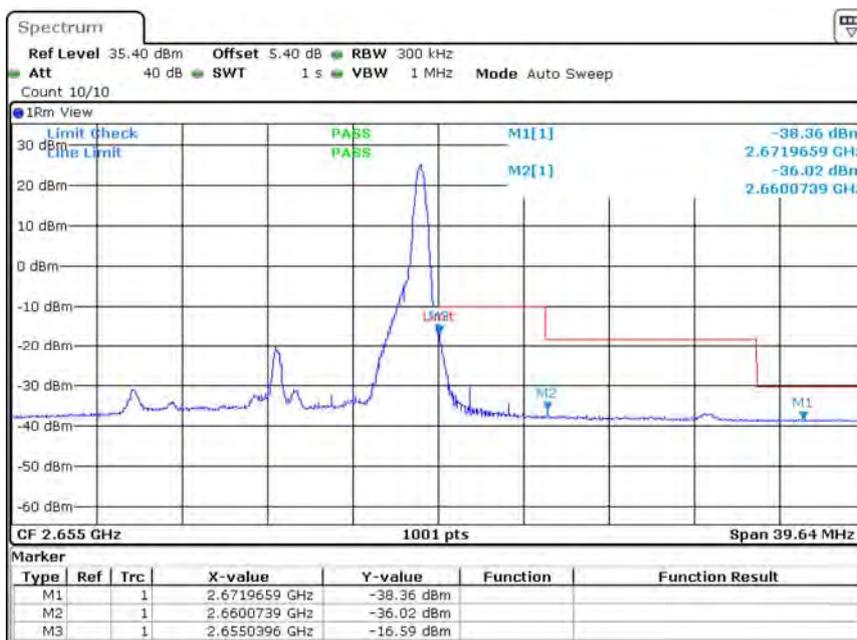
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Band41-15MHz-64QAM-40115-75RB#0



Date: 19.JUL.2020 08:44:08

Band41-15MHz-64QAM-41165-1RB#74

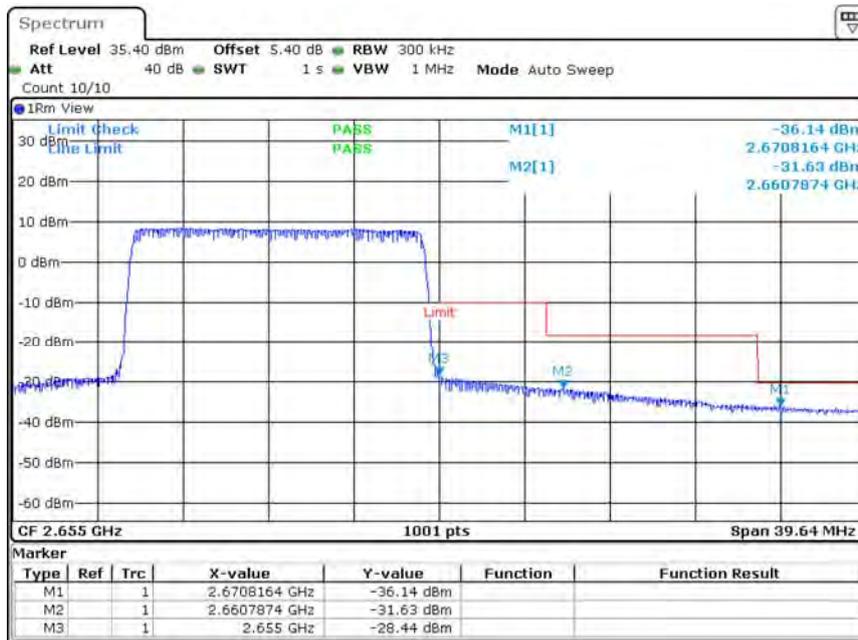


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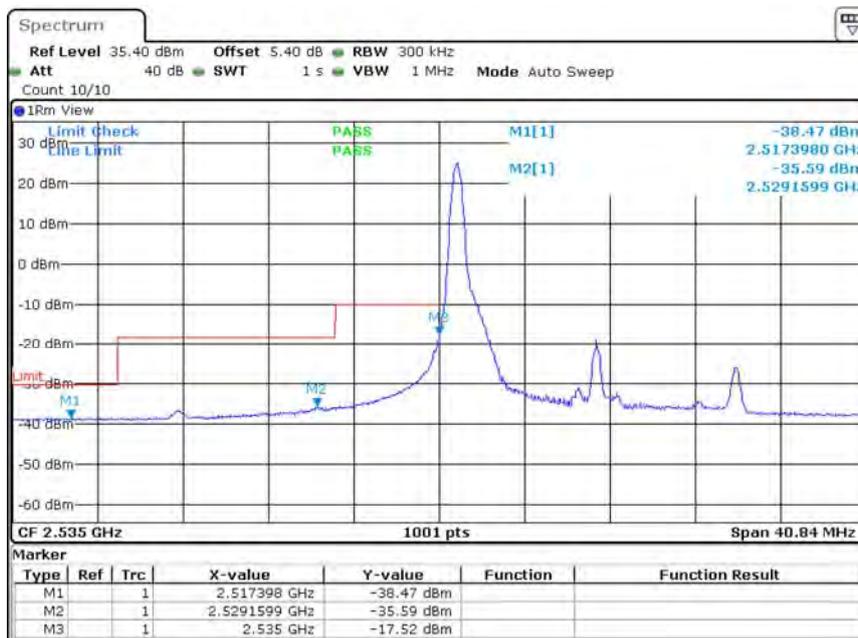
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Band41-15MHz-64QAM-41165-75RB#0



Date: 19.JUL.2020 08:44:30

Band41-15MHz-16QAM-40115-1RB#0

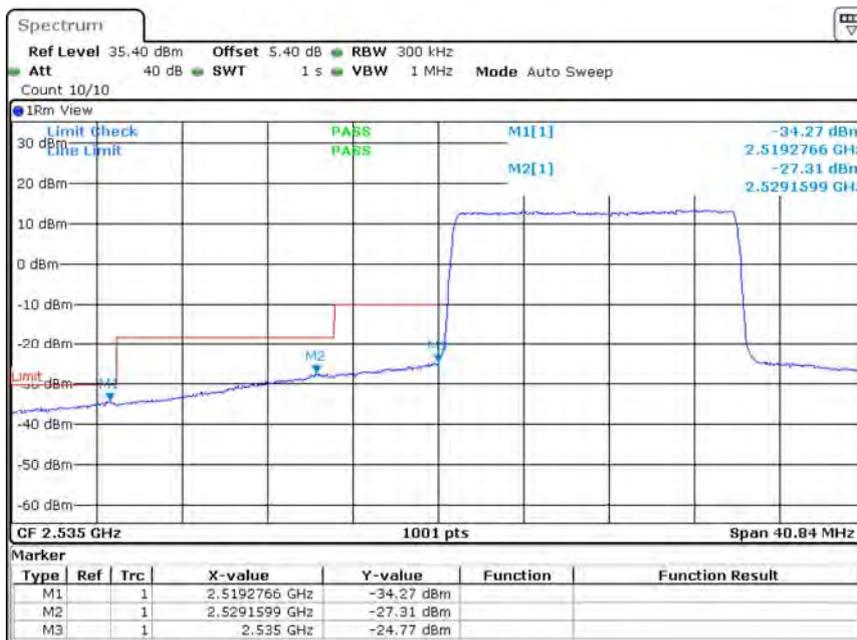


Date: 19.JUL.2020 08:04:00



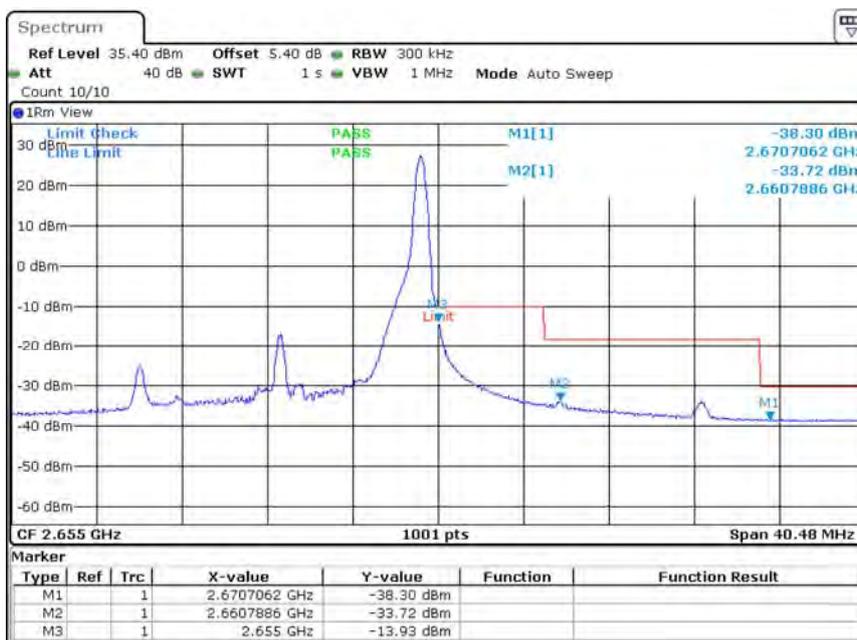
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Date: 19.JUL.2020 08:05:35

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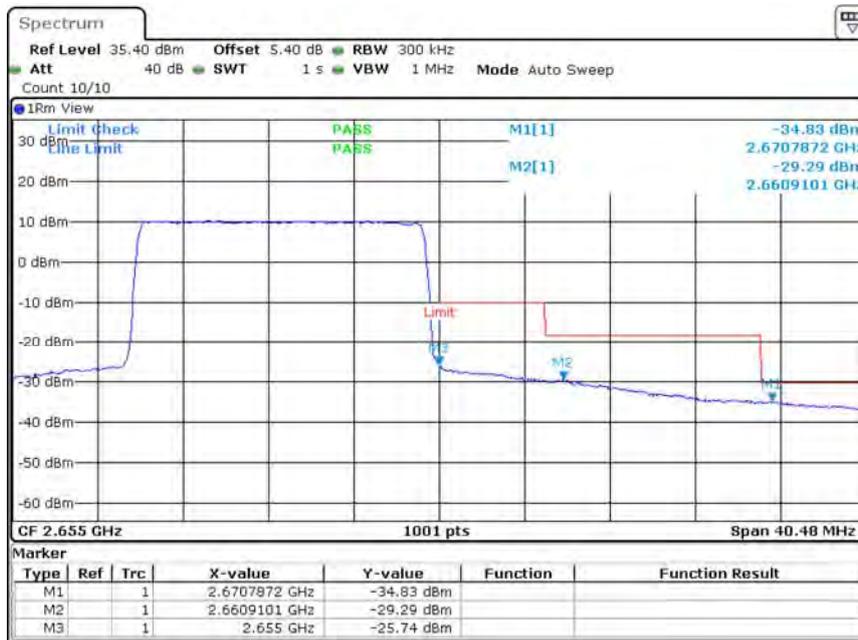


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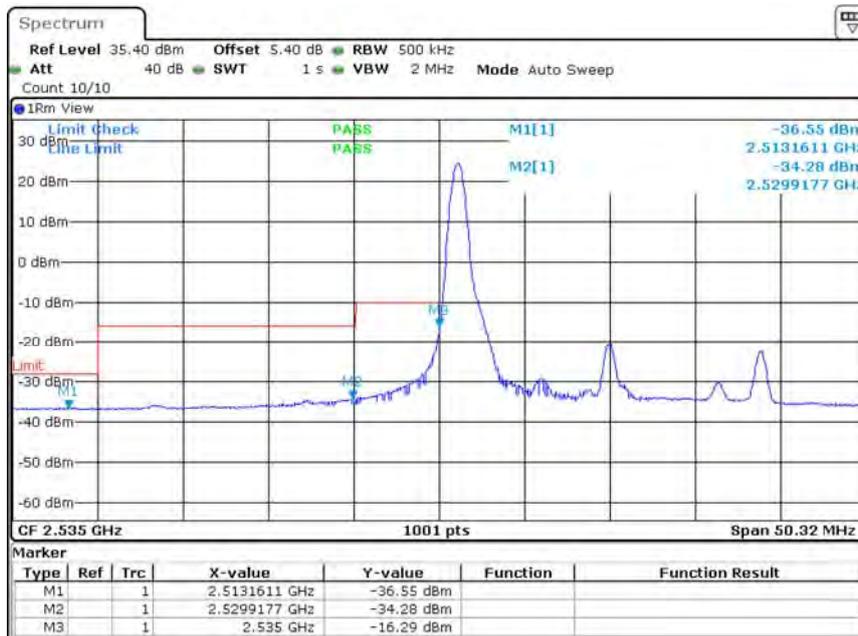
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Band41-15MHz-16QAM-41165-75RB#0



Date: 19.JUL.2020 08:06:18

Band41-20MHz-QPSK-40140-1RB#0



Date: 19.JUL.2020 08:06:45



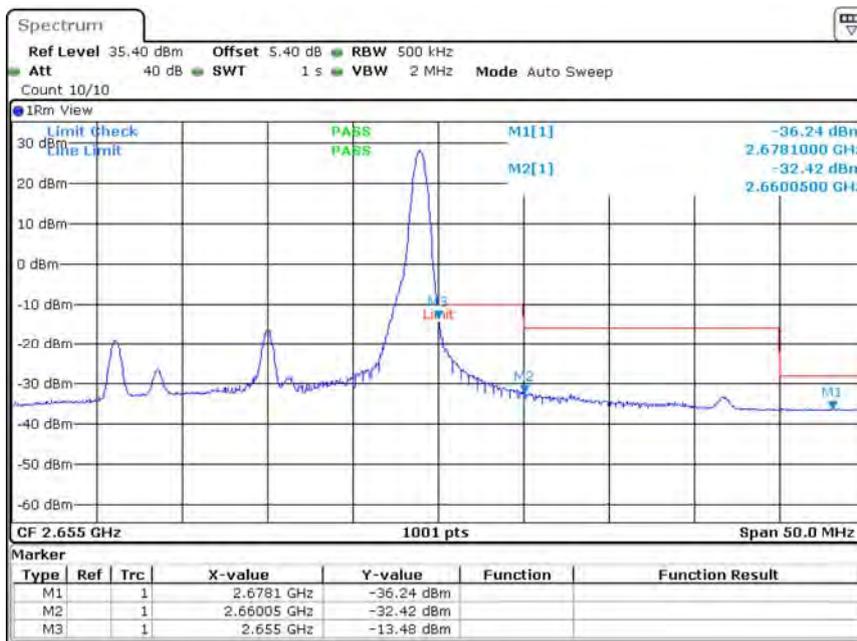
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Band41-20MHz-QPSK-41140-1RB#99

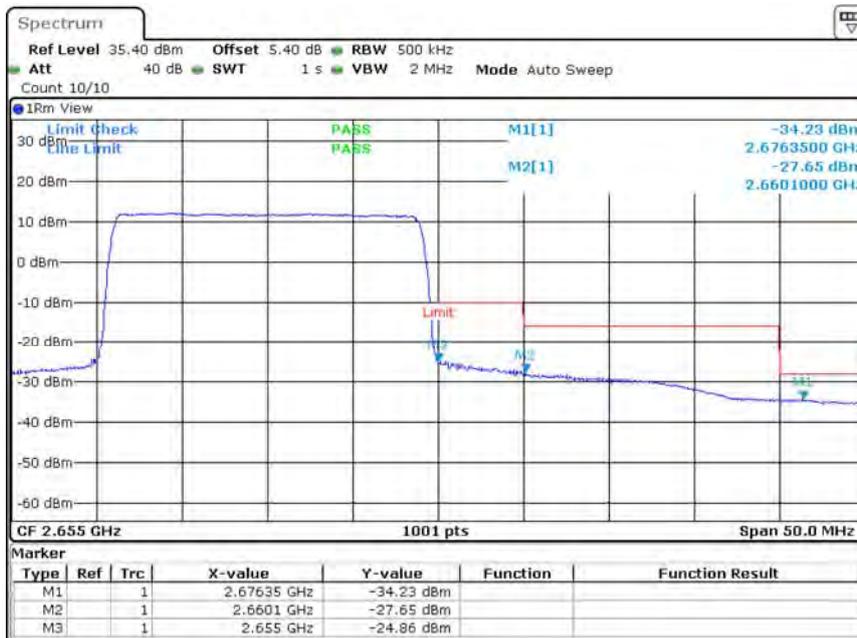


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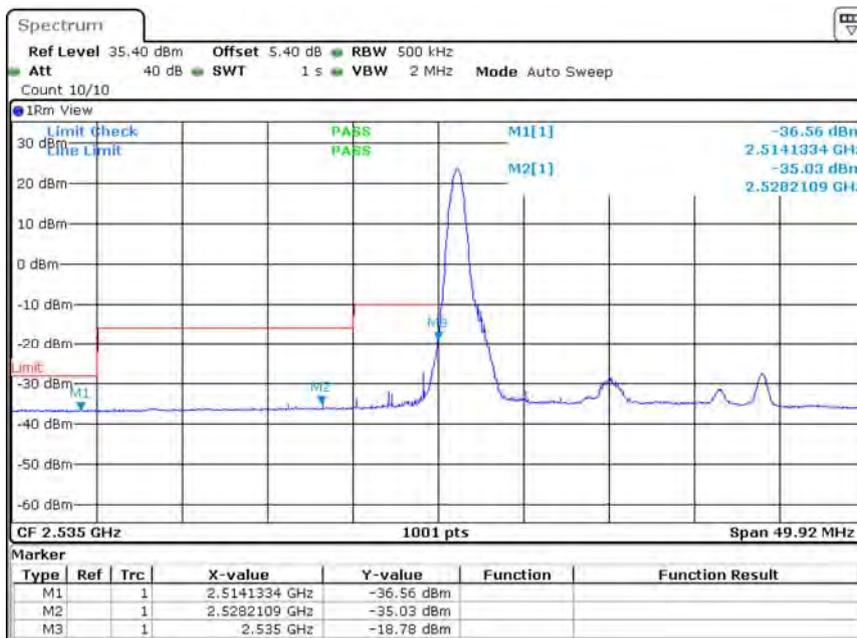
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Band41-20MHz-QPSK-41140-100RB#0



Date: 19.JUL.2020 08:09:05

Band41-20MHz-64QAM-40140-1RB#0

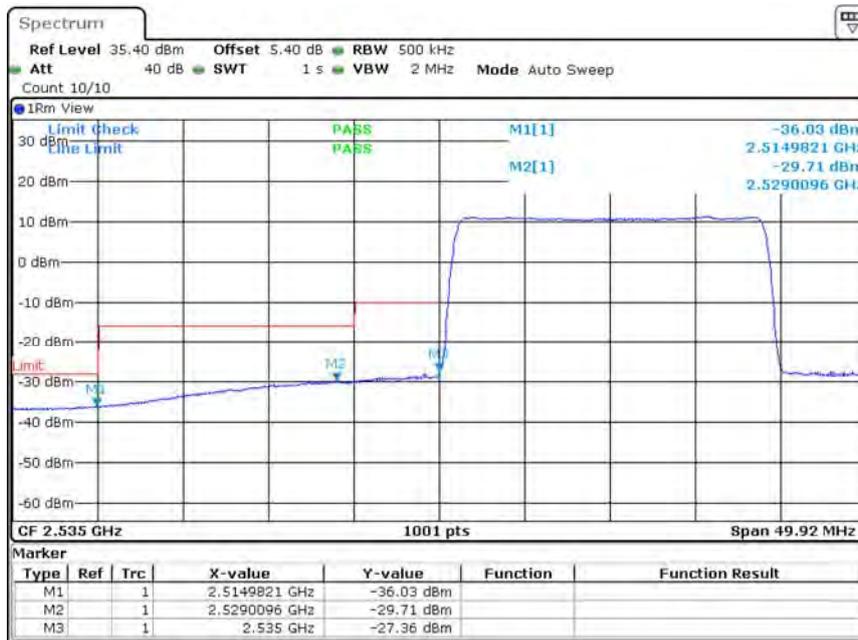


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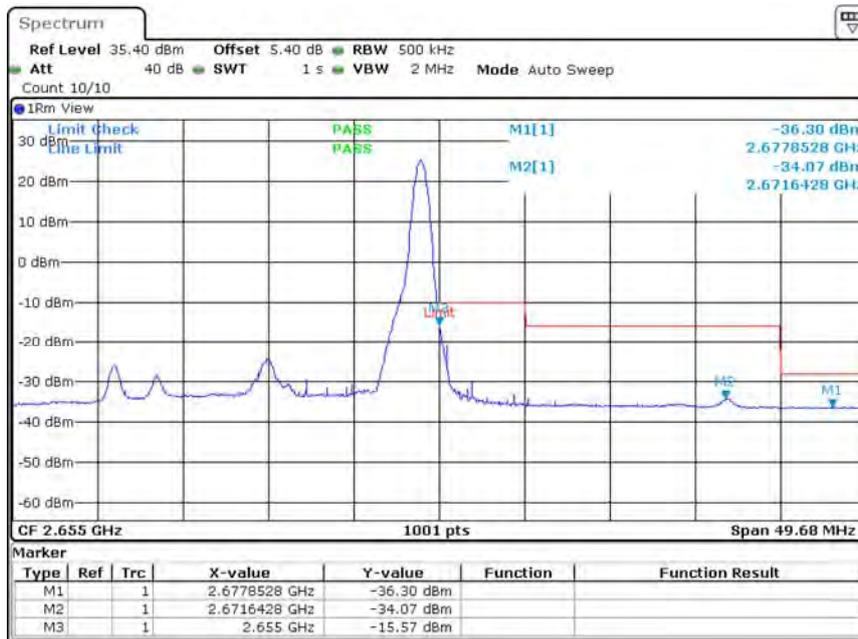
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Band41-20MHz-64QAM-40140-100RB#0



Date: 19.JUL.2020 08:45:52

Band41-20MHz-64QAM-41140-1RB#99

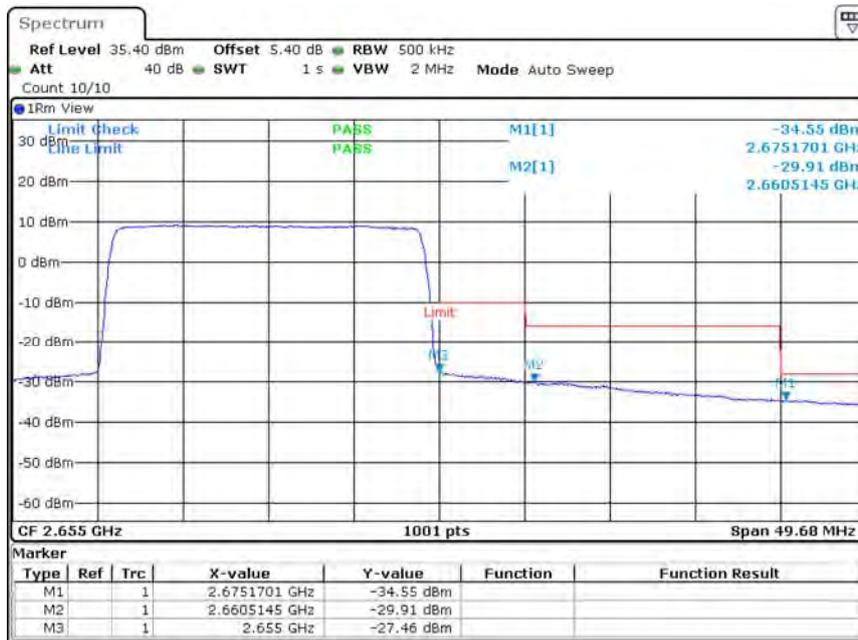


Date: 19.JUL.2020 08:45:25



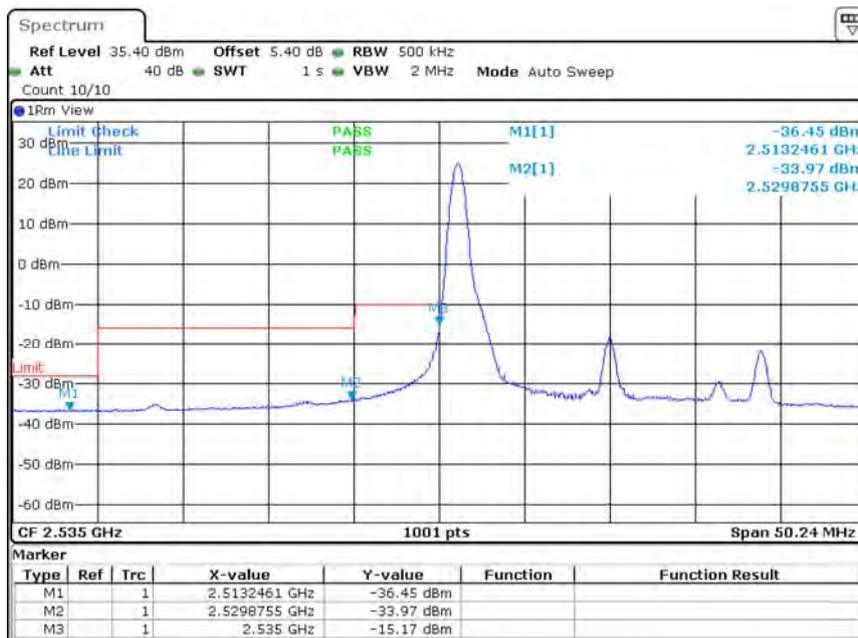
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Band41-20MHz-64QAM-41140-100RB#0



Date: 19.JUL.2020 08:46:14

Band41-20MHz-16QAM-40140-1RB#0



Date: 19.JUL.2020 08:07:07

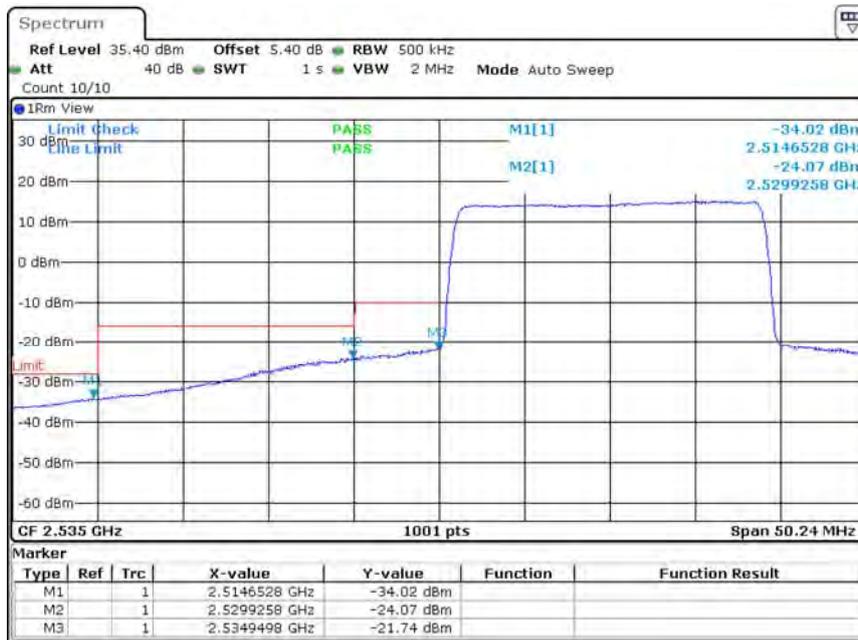


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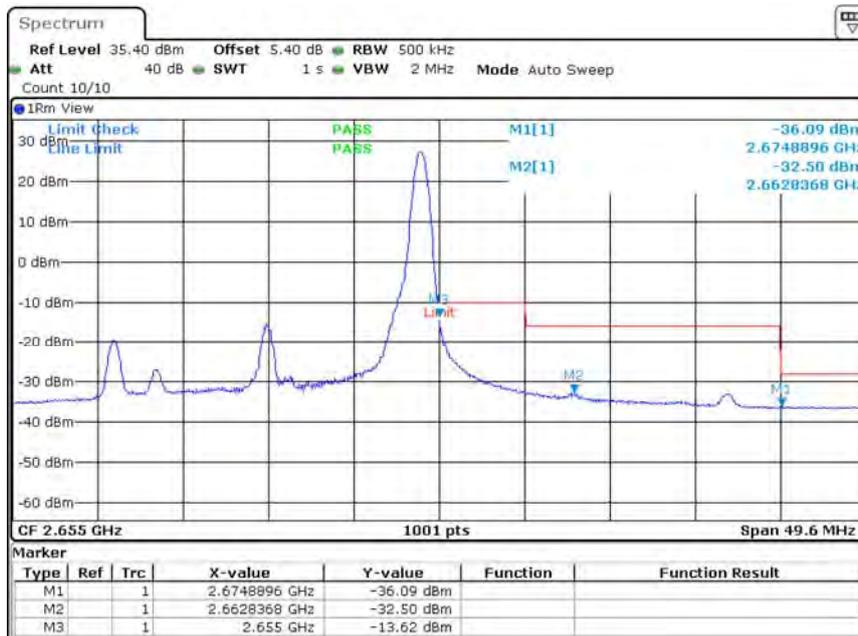
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band41-20MHz-16QAM-40140-100RB#0



Date: 19.JUL.2020 08:08:43

Band41-20MHz-16QAM-41140-1RB#99

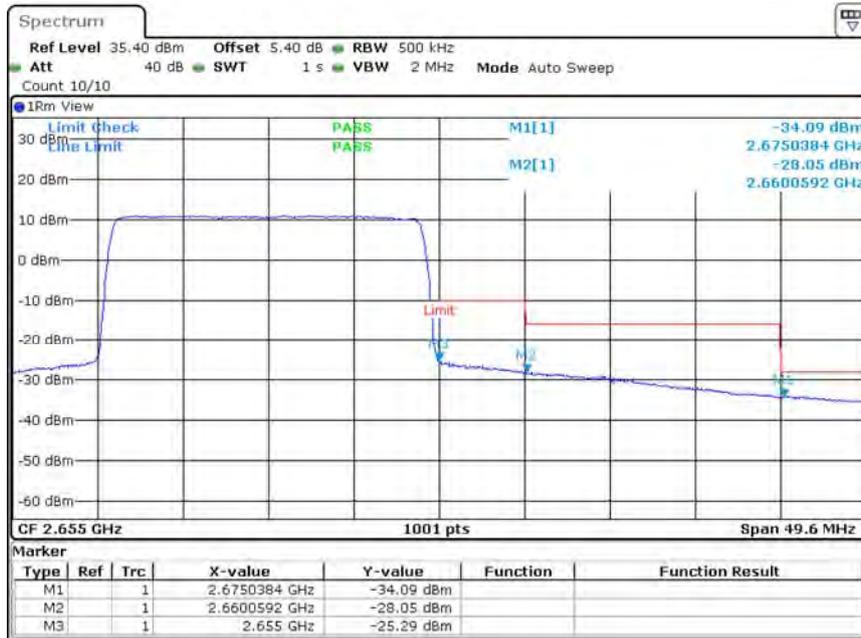


Date: 19.JUL.2020 08:07:55



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Band41-20MHz-16QAM-41140-100RB#0



Date: 19 JUL 2020 08:09:27



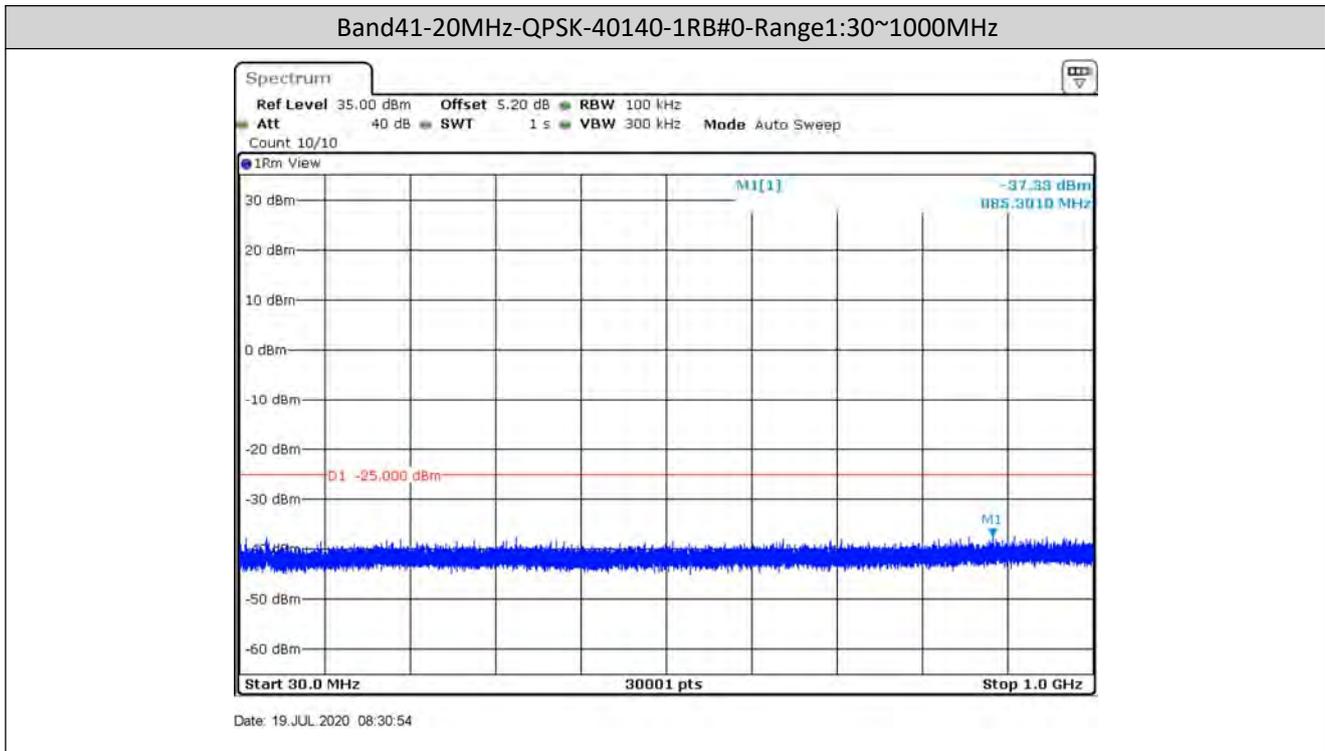
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6. Spurious Emission at Antenna Terminal

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.

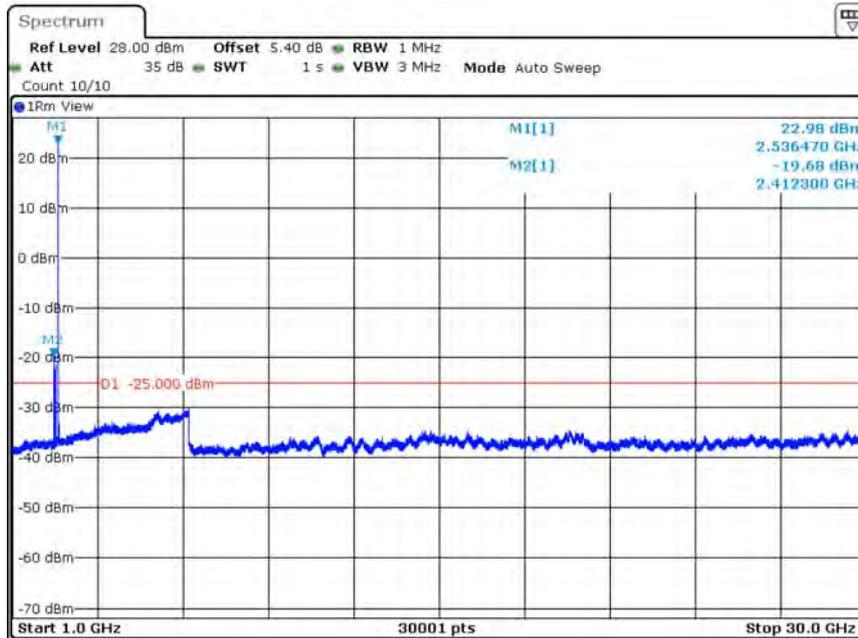
6.1. Test Plots



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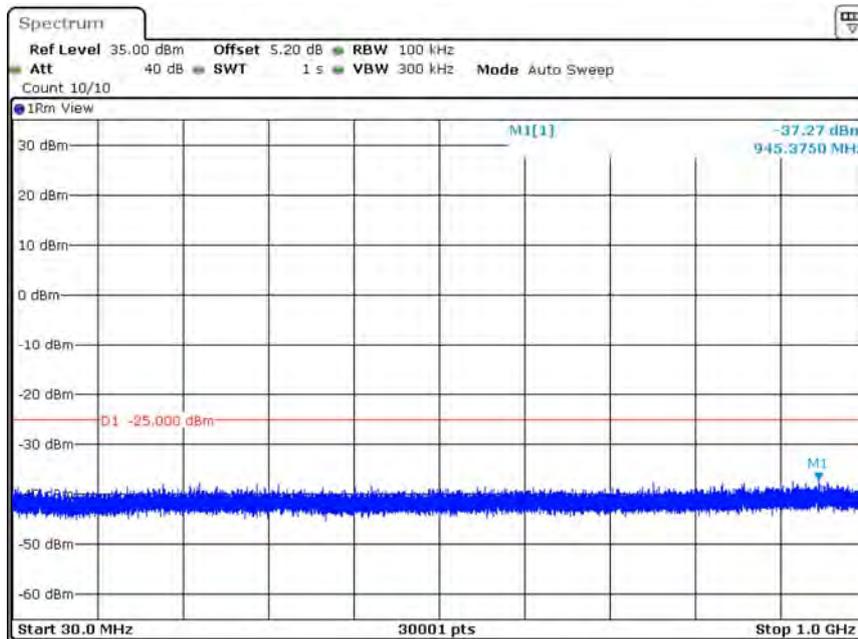
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Band41-20MHz-QPSK-40140-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 08:31:11

Band41-20MHz-QPSK-40640-1RB#0-Range1:30~1000MHz

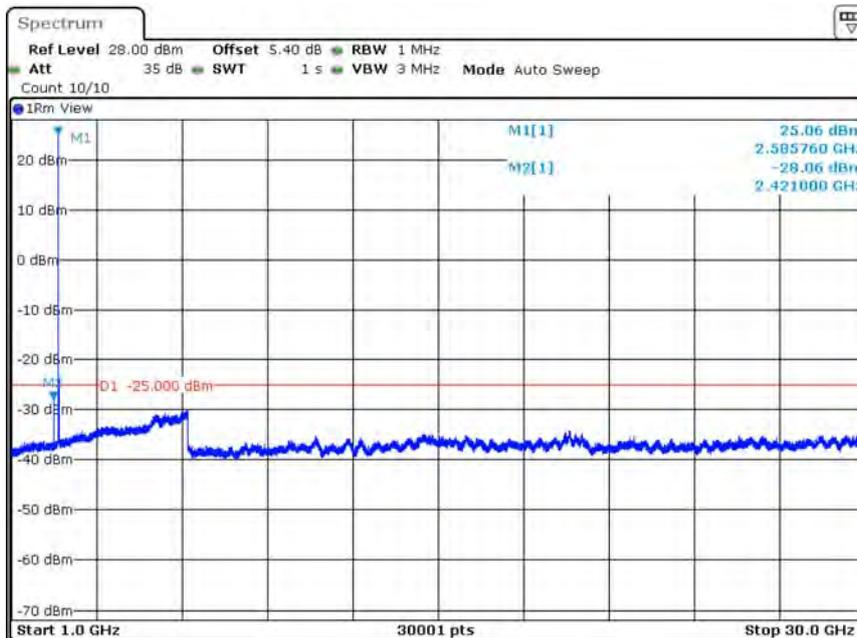


Date: 19.JUL.2020 08:32:04



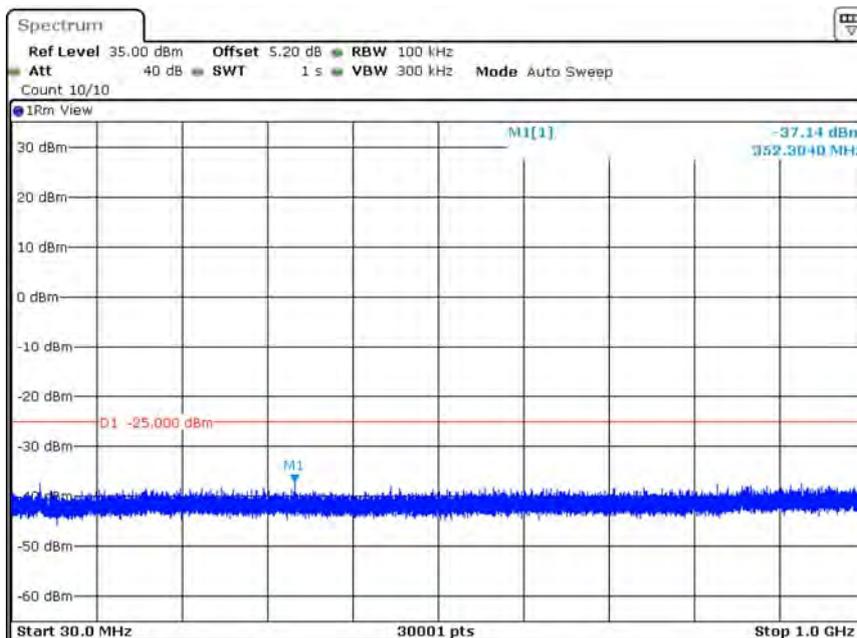
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Band41-20MHz-QPSK-40640-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 08:32:21

Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz



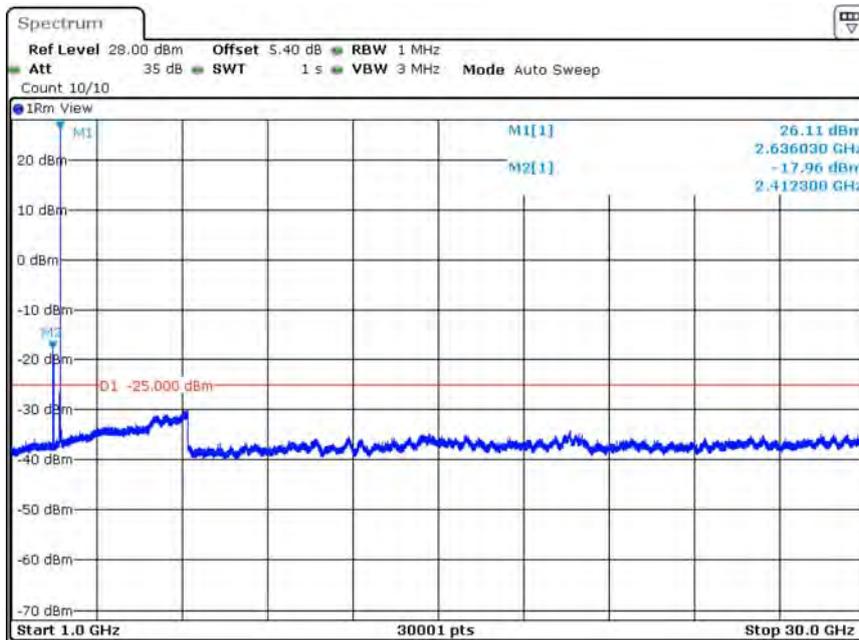
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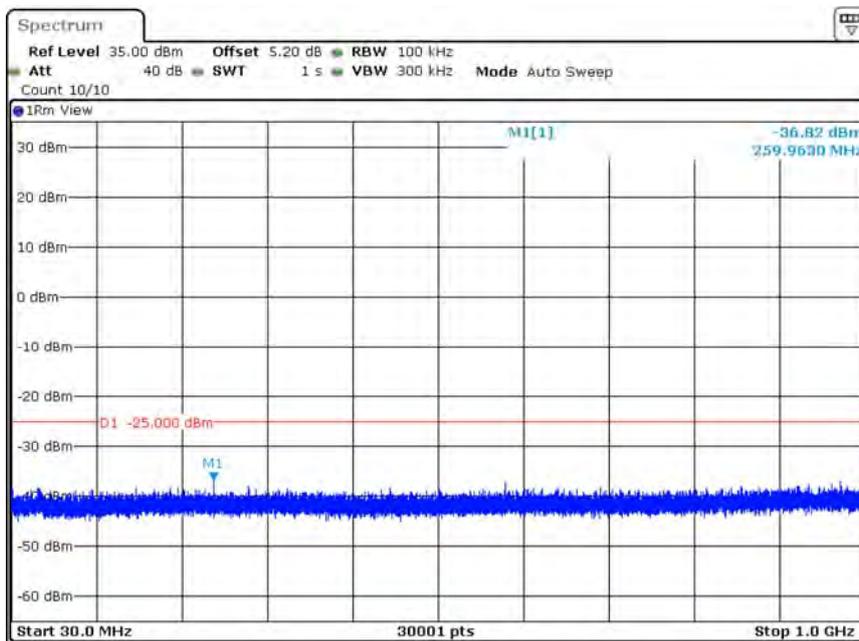
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Band41-20MHz-QPSK-41140-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 08:33:31

Band41-20MHz-64QAM-40140-1RB#0-Range1:30~1000MHz



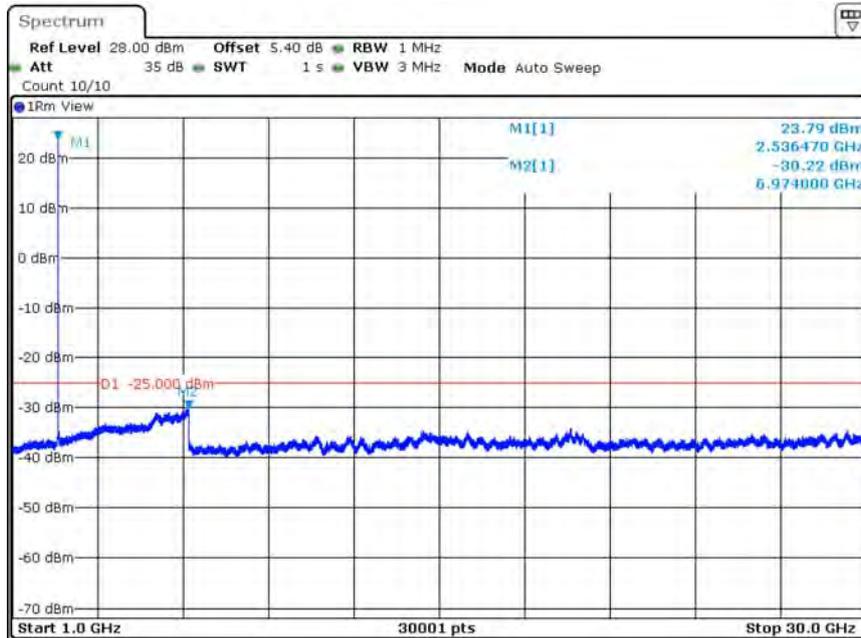
Date: 19.JUL.2020 09:02:28



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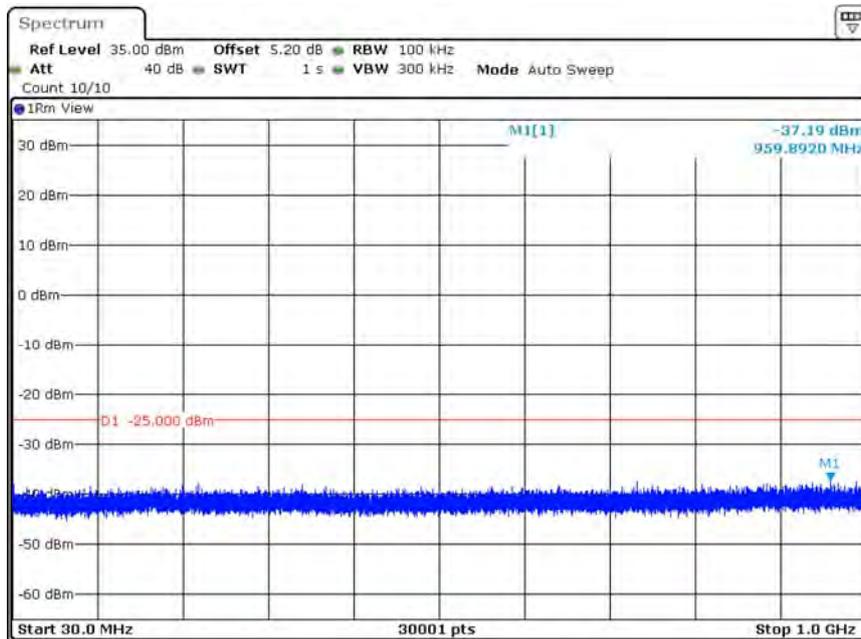
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Band41-20MHz-64QAM-40140-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 09:02:44

Band41-20MHz-64QAM-40640-1RB#0-Range1:30~1000MHz



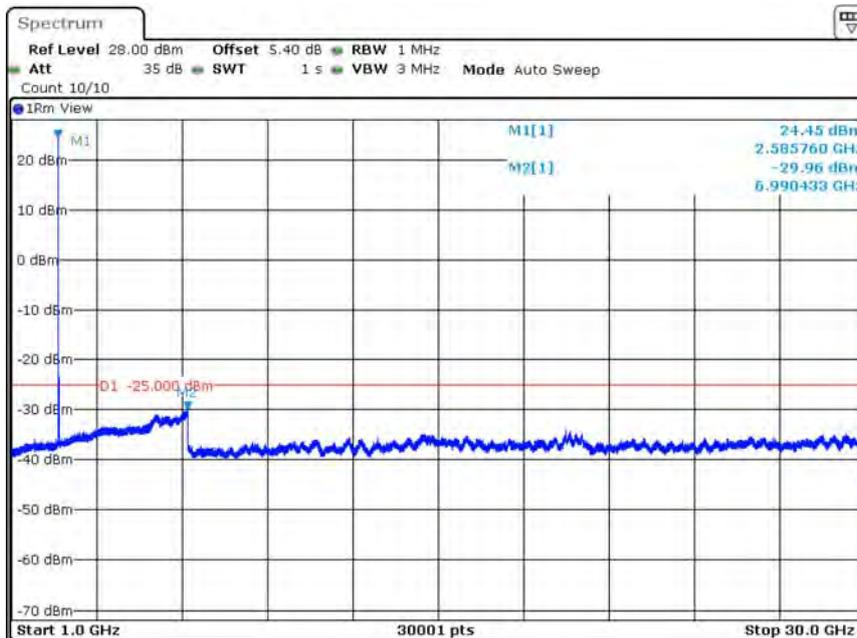
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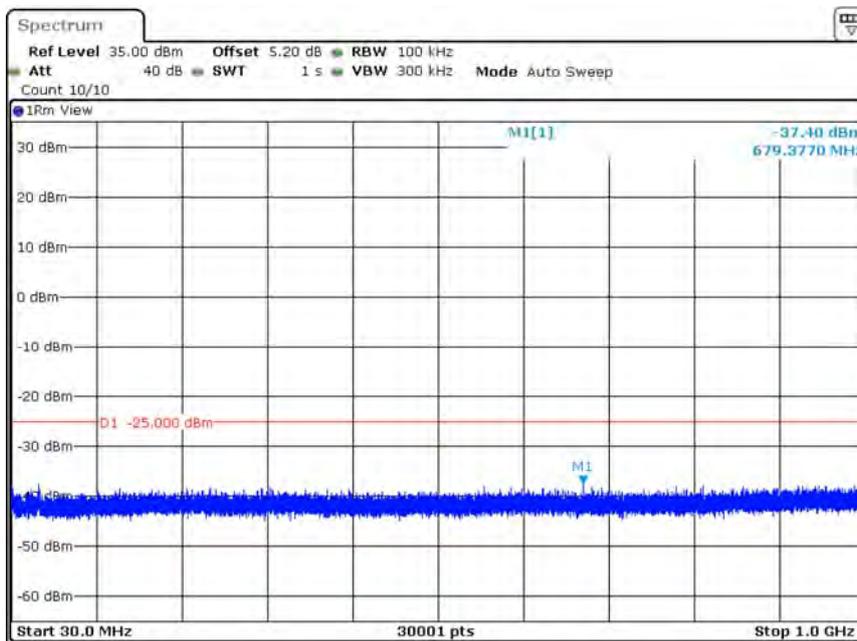
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Band41-20MHz-64QAM-40640-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 09:03:19

Band41-20MHz-64QAM-41140-1RB#0-Range1:30~1000MHz

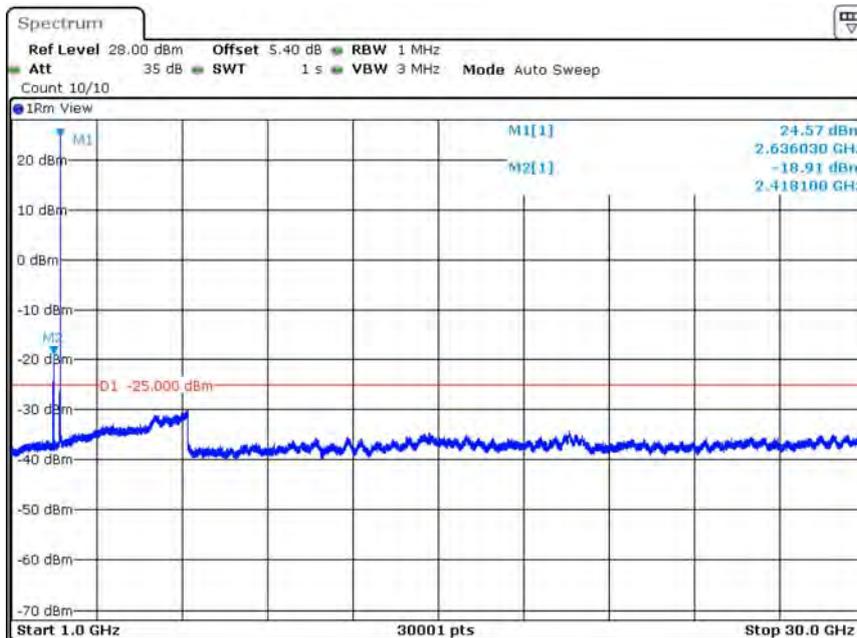


Date: 19.JUL.2020 09:03:38



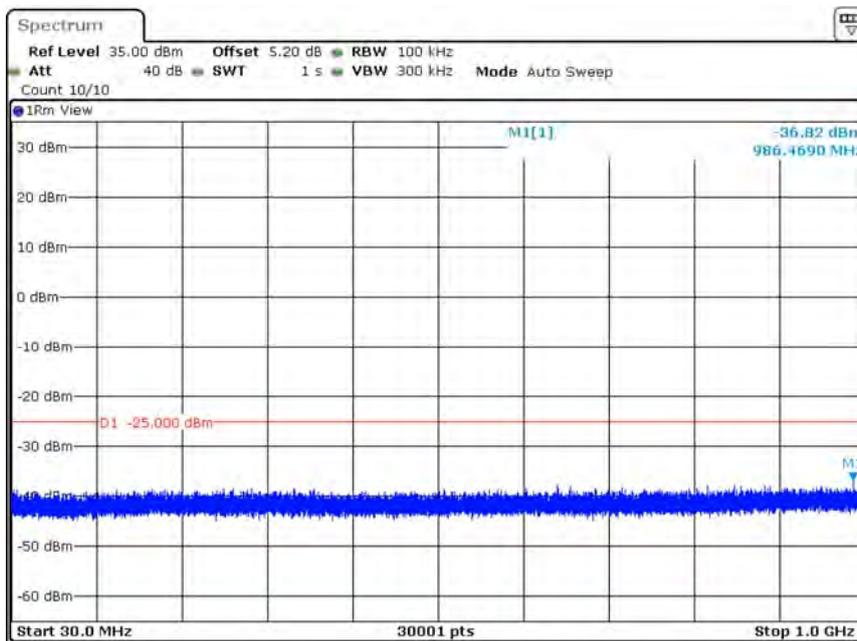
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Band41-20MHz-64QAM-41140-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 09:03:54

Band41-20MHz-16QAM-40140-1RB#0-Range1:30~1000MHz



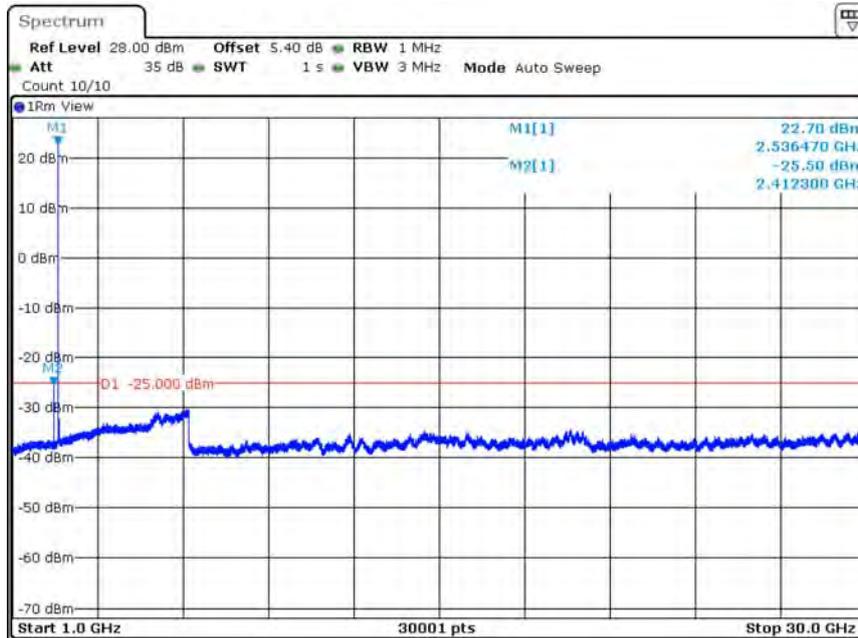
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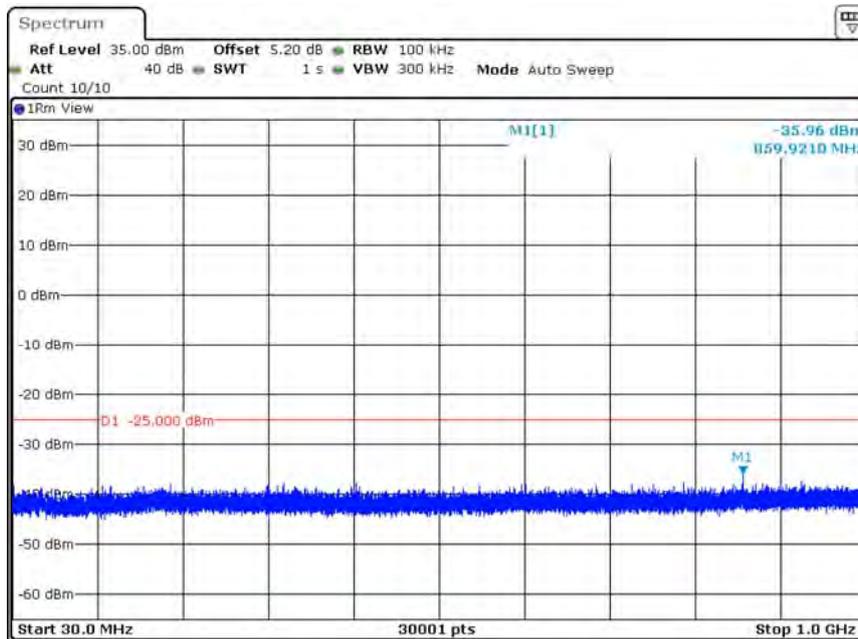
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Band41-20MHz-16QAM-40140-1RB#0-Range2:1000~30000MHz



Date: 19.JUL.2020 08:31:45

Band41-20MHz-16QAM-40640-1RB#0-Range1:30~1000MHz

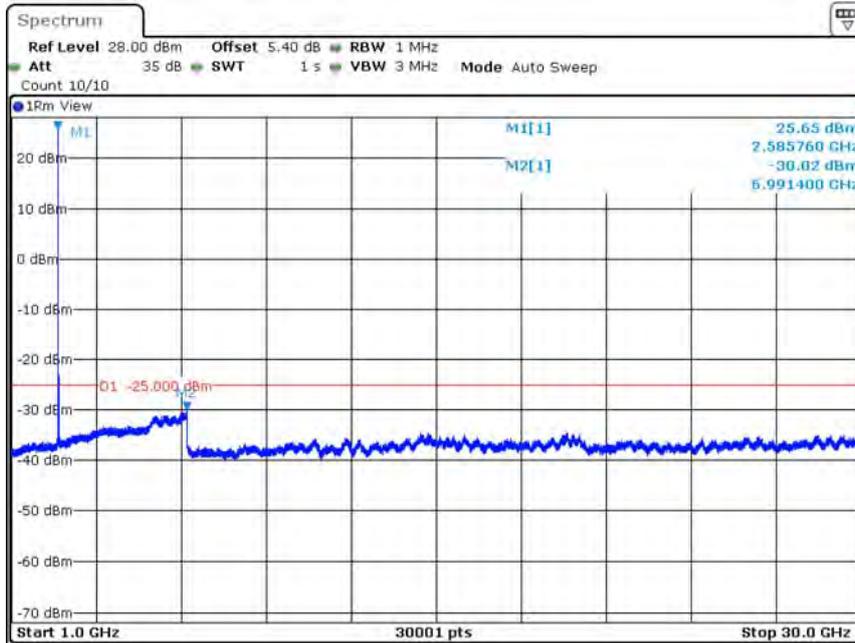


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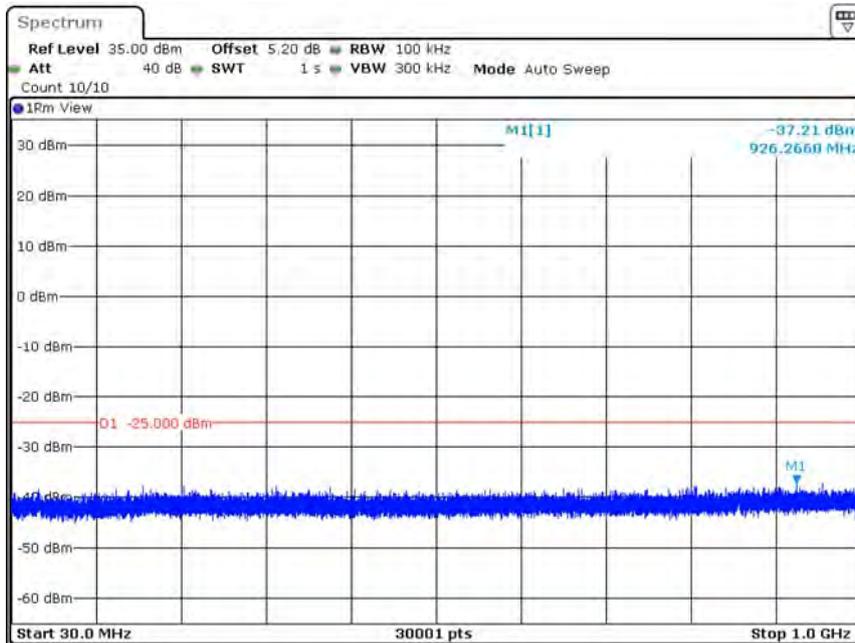
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Band41-20MHz-16QAM-40640-1RB#0-Range2:1000~30000MHz



Date: 19 JUL 2020 08:32:56

Band41-20MHz-16QAM-41140-1RB#0-Range1:30~1000MHz

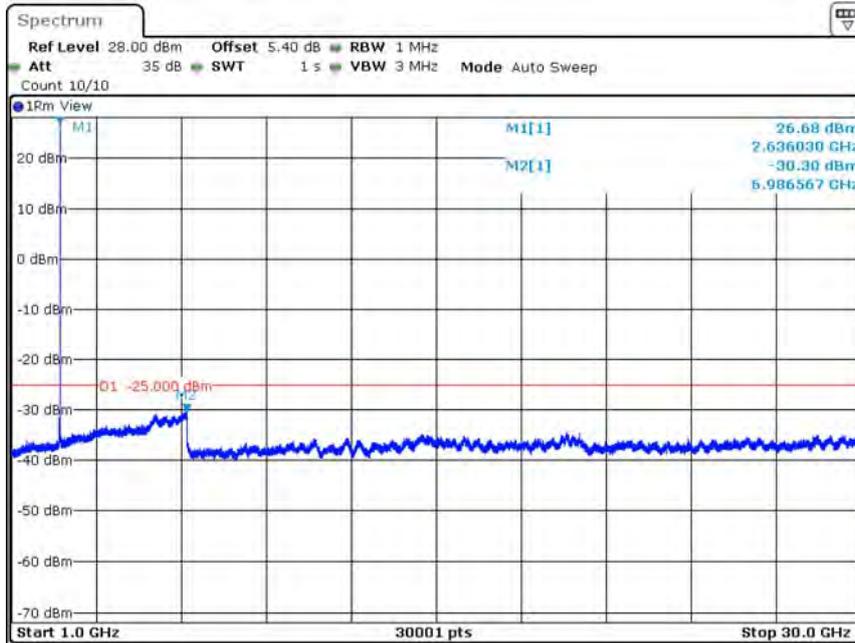


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Band41-20MHz-16QAM-41140-1RB#0-Range2:1000~30000MHz



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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)	Height [cm]	Angle [°]	Polarization
47.2184	-72.82	-25.00	47.82	271	226	Vertical
105.8578	-65.08	-25.00	40.08	251	258	Vertical
615.4728	-64.15	-25.00	39.15	259	100	Vertical
1785.7572	-43.97	-25.00	18.97	224	340	Vertical
7368.6456	-54.67	-25.00	29.67	257	353	Vertical
17997.4999	-38.57	-25.00	13.57	261	226	Vertical
44.0172	-64.51	-25.00	39.51	184	356	Horizontal
245.5448	-68.42	-25.00	43.42	175	260	Horizontal
648.7454	-63.47	-25.00	38.47	165	260	Horizontal
1803.3607	-43.21	-25.00	18.21	195	241	Horizontal
7349.6450	-55.18	-25.00	30.18	198	292	Horizontal
16404.9468	-42.21	-25.00	17.21	175	356	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
47.5579	-72.93	-25.00	47.93	195	4	Vertical
110.2230	-65.30	-25.00	40.30	174	162	Vertical
612.1746	-64.56	-25.00	39.56	196	226	Vertical
1749.7500	-42.11	-25.00	17.11	184	171	Vertical
7342.6448	-54.86	-25.00	29.86	175	67	Vertical
17996.9999	-38.49	-25.00	13.49	199	290	Vertical
44.3082	-64.60	-25.00	39.60	271	355	Horizontal
249.4735	-68.81	-25.00	43.81	159	355	Horizontal
661.6471	-64.10	-25.00	39.10	174	131	Horizontal
1774.5549	-43.74	-25.00	18.74	169	345	Horizontal
8464.6822	-54.83	-25.00	29.83	184	67	Horizontal
16401.4467	-42.58	-25.00	17.58	195	196	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
51.7291	-72.88	-25.00	47.88	271	357	Vertical
113.9092	-64.77	-25.00	39.77	254	4	Vertical
569.7835	-64.52	-25.00	39.52	296	100	Vertical
1584.9170	-44.92	-25.00	19.92	284	255	Vertical
7479.6493	-55.01	-25.00	30.01	228	195	Vertical
17995.9999	-38.18	-25.00	13.18	271	227	Vertical
44.9387	-63.84	-25.00	38.84	184	35	Horizontal
232.1581	-68.81	-25.00	43.81	175	131	Horizontal
607.9549	-63.30	-25.00	38.30	195	35	Horizontal
1798.9598	-43.34	-25.00	18.34	184	356	Horizontal
7478.1493	-54.92	-25.00	29.92	195	328	Horizontal
16401.4467	-42.20	-25.00	17.20	175	99	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	Band width	Modulation	Channel	RB Configure	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
					[Vdc]					
Band41	20MHz	QPSK	39790	100RB#0	VL	NT	6.52	0.002602	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	VN	NT	-13.84	-0.005524	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	VH	NT	12.99	0.005185	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VL	NT	2.50	0.000966	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VN	NT	-0.70	-0.000269	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VH	NT	11.81	0.004553	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-8.57	-0.003197	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-13.71	-0.005117	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	3.06	0.001142	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	VL	NT	-4.09	-0.001632	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	VN	NT	5.65	0.002255	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	VH	NT	11.80	0.004710	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VL	NT	10.47	0.004037	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VN	NT	-7.67	-0.002958	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VH	NT	-0.81	-0.000314	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	10.80	0.004028	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-10.98	-0.004098	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-2.42	-0.000904	±2.5	PASS



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8.2. Frequency Vs Temperature

BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage	Temperature	Deviation	Deviation	Limit	Verdict
					[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	
Band41	20MHz	QPSK	39790	100RB#0	NV	-30	-2.46	-0.000982	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	-20	13.52	0.005395	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	0	-14.52	-0.005794	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	10	-7.81	-0.003117	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	20	-5.32	-0.002123	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	30	-2.48	-0.000989	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	40	-0.31	-0.000124	±2.5	PASS
Band41	20MHz	QPSK	39790	100RB#0	NV	50	-2.67	-0.001066	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-30	12.63	0.004871	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-20	0.61	0.000234	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	0	-2.96	-0.001141	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	10	-4.61	-0.001779	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	20	6.99	0.002695	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	30	12.58	0.004850	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	40	9.18	0.003542	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	50	-0.25	-0.000095	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-12.67	-0.004728	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	8.36	0.003120	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	4.31	0.001606	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-0.19	-0.000070	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-5.37	-0.002005	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-4.84	-0.001806	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	11.59	0.004324	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	5.16	0.001927	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	-30	12.38	0.004941	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	-20	14.11	0.005632	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	0	1.37	0.000546	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	10	14.50	0.005788	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	20	-11.12	-0.004439	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	30	-8.85	-0.003533	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	40	-8.18	-0.003263	±2.5	PASS
Band41	20MHz	16QAM	39790	100RB#0	NV	50	6.00	0.002393	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-30	-2.47	-0.000953	±2.5	PASS



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Band41	20MHz	16QAM	40640	100RB#0	NV	-20	14.52	0.005601	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	0	-9.06	-0.003496	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	10	7.65	0.002951	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	20	4.22	0.001628	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	30	-12.61	-0.004863	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	40	-0.80	-0.000307	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	50	13.04	0.005027	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	6.65	0.002481	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	13.43	0.005012	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-10.06	-0.003752	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-7.51	-0.002802	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-10.20	-0.003806	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	13.75	0.005132	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	12.61	0.004707	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	4.19	0.001562	±2.5	PASS



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