



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	23.01	21.61	33	PASS
Band41	5MHz	QPSK	40065	1RB#12	23.28	21.88	33	PASS
Band41	5MHz	QPSK	40065	1RB#24	23.02	21.62	33	PASS
Band41	5MHz	QPSK	40065	12RB#6	21.83	20.43	33	PASS
Band41	5MHz	QPSK	40065	12RB#0	21.65	20.25	33	PASS
Band41	5MHz	QPSK	40065	12RB#13	21.62	20.22	33	PASS
Band41	5MHz	QPSK	40065	25RB#0	21.76	20.36	33	PASS
Band41	5MHz	QPSK	40640	1RB#24	23.16	21.76	33	PASS
Band41	5MHz	QPSK	40640	1RB#0	23.06	21.66	33	PASS
Band41	5MHz	QPSK	40640	1RB#12	23.16	21.76	33	PASS
Band41	5MHz	QPSK	40640	12RB#0	21.87	20.47	33	PASS
Band41	5MHz	QPSK	40640	12RB#6	21.98	20.58	33	PASS
Band41	5MHz	QPSK	40640	12RB#13	21.77	20.37	33	PASS
Band41	5MHz	QPSK	40640	25RB#0	21.91	20.51	33	PASS
Band41	5MHz	QPSK	41215	1RB#12	23.18	21.78	33	PASS
Band41	5MHz	QPSK	41215	1RB#0	23.03	21.63	33	PASS
Band41	5MHz	QPSK	41215	1RB#24	23.03	21.63	33	PASS
Band41	5MHz	QPSK	41215	12RB#13	21.74	20.34	33	PASS
Band41	5MHz	QPSK	41215	12RB#6	21.65	20.25	33	PASS
Band41	5MHz	QPSK	41215	12RB#0	21.68	20.28	33	PASS
Band41	5MHz	QPSK	41215	25RB#0	21.72	20.32	33	PASS
Band41	5MHz	64QAM	40065	1RB#0	20.84	19.44	33	PASS
Band41	5MHz	64QAM	40065	1RB#24	20.75	19.35	33	PASS
Band41	5MHz	64QAM	40065	1RB#12	20.69	19.29	33	PASS
Band41	5MHz	64QAM	40065	12RB#0	19.66	18.26	33	PASS
Band41	5MHz	64QAM	40065	12RB#6	19.75	18.35	33	PASS
Band41	5MHz	64QAM	40065	12RB#13	19.79	18.39	33	PASS



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Band41	5MHz	64QAM	40065	25RB#0	19.64	18.24	33	PASS
Band41	5MHz	64QAM	40640	1RB#0	20.92	19.52	33	PASS
Band41	5MHz	64QAM	40640	1RB#12	20.73	19.33	33	PASS
Band41	5MHz	64QAM	40640	1RB#24	20.65	19.25	33	PASS
Band41	5MHz	64QAM	40640	12RB#13	19.73	18.33	33	PASS
Band41	5MHz	64QAM	40640	12RB#6	19.95	18.55	33	PASS
Band41	5MHz	64QAM	40640	12RB#0	19.98	18.58	33	PASS
Band41	5MHz	64QAM	40640	25RB#0	19.81	18.41	33	PASS
Band41	5MHz	64QAM	41215	1RB#0	20.86	19.46	33	PASS
Band41	5MHz	64QAM	41215	1RB#12	20.68	19.28	33	PASS
Band41	5MHz	64QAM	41215	1RB#24	20.51	19.11	33	PASS
Band41	5MHz	64QAM	41215	12RB#0	19.52	18.12	33	PASS
Band41	5MHz	64QAM	41215	12RB#6	19.58	18.18	33	PASS
Band41	5MHz	64QAM	41215	12RB#13	19.91	18.51	33	PASS
Band41	5MHz	64QAM	41215	25RB#0	19.53	18.13	33	PASS
Band41	5MHz	16QAM	40065	1RB#0	22.00	20.6	33	PASS
Band41	5MHz	16QAM	40065	1RB#24	21.87	20.47	33	PASS
Band41	5MHz	16QAM	40065	1RB#12	21.86	20.46	33	PASS
Band41	5MHz	16QAM	40065	12RB#13	20.80	19.4	33	PASS
Band41	5MHz	16QAM	40065	12RB#6	20.85	19.45	33	PASS
Band41	5MHz	16QAM	40065	12RB#0	20.87	19.47	33	PASS
Band41	5MHz	16QAM	40065	25RB#0	20.79	19.39	33	PASS
Band41	5MHz	16QAM	40640	1RB#0	22.06	20.66	33	PASS
Band41	5MHz	16QAM	40640	1RB#12	21.85	20.45	33	PASS
Band41	5MHz	16QAM	40640	1RB#24	21.82	20.42	33	PASS
Band41	5MHz	16QAM	40640	12RB#0	20.84	19.44	33	PASS
Band41	5MHz	16QAM	40640	12RB#6	21.10	19.7	33	PASS
Band41	5MHz	16QAM	40640	12RB#13	21.12	19.72	33	PASS
Band41	5MHz	16QAM	40640	25RB#0	20.95	19.55	33	PASS
Band41	5MHz	16QAM	41215	1RB#0	21.95	20.55	33	PASS
Band41	5MHz	16QAM	41215	1RB#24	21.82	20.42	33	PASS
Band41	5MHz	16QAM	41215	1RB#12	21.70	20.3	33	PASS
Band41	5MHz	16QAM	41215	12RB#0	20.67	19.27	33	PASS



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Band41	5MHz	16QAM	41215	12RB#6	20.75	19.35	33	PASS
Band41	5MHz	16QAM	41215	12RB#13	21.05	19.65	33	PASS
Band41	5MHz	16QAM	41215	25RB#0	20.71	19.31	33	PASS
Band41	10MHz	QPSK	40090	1RB#49	23.00	21.6	33	PASS
Band41	10MHz	QPSK	40090	1RB#24	23.09	21.69	33	PASS
Band41	10MHz	QPSK	40090	1RB#0	23.08	21.68	33	PASS
Band41	10MHz	QPSK	40090	25RB#12	22.04	20.64	33	PASS
Band41	10MHz	QPSK	40090	25RB#0	21.72	20.32	33	PASS
Band41	10MHz	QPSK	40090	25RB#25	21.85	20.45	33	PASS
Band41	10MHz	QPSK	40090	50RB#0	21.87	20.47	33	PASS
Band41	10MHz	QPSK	40640	1RB#24	23.30	21.9	33	PASS
Band41	10MHz	QPSK	40640	1RB#49	23.18	21.78	33	PASS
Band41	10MHz	QPSK	40640	1RB#0	23.17	21.77	33	PASS
Band41	10MHz	QPSK	40640	25RB#25	21.98	20.58	33	PASS
Band41	10MHz	QPSK	40640	25RB#0	21.92	20.52	33	PASS
Band41	10MHz	QPSK	40640	25RB#12	21.83	20.43	33	PASS
Band41	10MHz	QPSK	40640	50RB#0	21.96	20.56	33	PASS
Band41	10MHz	QPSK	41190	1RB#49	23.33	21.93	33	PASS
Band41	10MHz	QPSK	41190	1RB#24	23.24	21.84	33	PASS
Band41	10MHz	QPSK	41190	1RB#0	23.07	21.67	33	PASS
Band41	10MHz	QPSK	41190	25RB#25	21.85	20.45	33	PASS
Band41	10MHz	QPSK	41190	25RB#0	21.86	20.46	33	PASS
Band41	10MHz	QPSK	41190	25RB#12	21.82	20.42	33	PASS
Band41	10MHz	QPSK	41190	50RB#0	21.85	20.45	33	PASS
Band41	10MHz	64QAM	40090	1RB#24	20.81	19.41	33	PASS
Band41	10MHz	64QAM	40090	1RB#49	20.55	19.15	33	PASS
Band41	10MHz	64QAM	40090	1RB#0	20.76	19.36	33	PASS
Band41	10MHz	64QAM	40090	25RB#0	19.66	18.26	33	PASS
Band41	10MHz	64QAM	40090	25RB#12	19.67	18.27	33	PASS
Band41	10MHz	64QAM	40090	25RB#25	19.98	18.58	33	PASS
Band41	10MHz	64QAM	40090	50RB#0	19.63	18.23	33	PASS
Band41	10MHz	64QAM	40640	1RB#49	20.86	19.46	33	PASS
Band41	10MHz	64QAM	40640	1RB#0	20.62	19.22	33	PASS



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Band41	10MHz	64QAM	40640	1RB#24	20.87	19.47	33	PASS
Band41	10MHz	64QAM	40640	25RB#0	19.67	18.27	33	PASS
Band41	10MHz	64QAM	40640	25RB#12	19.77	18.37	33	PASS
Band41	10MHz	64QAM	40640	25RB#25	19.98	18.58	33	PASS
Band41	10MHz	64QAM	40640	50RB#0	19.66	18.26	33	PASS
Band41	10MHz	64QAM	41190	1RB#0	20.59	19.19	33	PASS
Band41	10MHz	64QAM	41190	1RB#49	20.58	19.18	33	PASS
Band41	10MHz	64QAM	41190	1RB#24	20.70	19.3	33	PASS
Band41	10MHz	64QAM	41190	25RB#25	19.84	18.44	33	PASS
Band41	10MHz	64QAM	41190	25RB#0	19.64	18.24	33	PASS
Band41	10MHz	64QAM	41190	25RB#12	19.57	18.17	33	PASS
Band41	10MHz	64QAM	41190	50RB#0	19.66	18.26	33	PASS
Band41	10MHz	16QAM	40090	1RB#0	21.90	20.5	33	PASS
Band41	10MHz	16QAM	40090	1RB#24	21.72	20.32	33	PASS
Band41	10MHz	16QAM	40090	1RB#49	21.89	20.49	33	PASS
Band41	10MHz	16QAM	40090	25RB#12	20.77	19.37	33	PASS
Band41	10MHz	16QAM	40090	25RB#0	20.80	19.4	33	PASS
Band41	10MHz	16QAM	40090	25RB#25	21.10	19.7	33	PASS
Band41	10MHz	16QAM	40090	50RB#0	20.76	19.36	33	PASS
Band41	10MHz	16QAM	40640	1RB#0	21.95	20.55	33	PASS
Band41	10MHz	16QAM	40640	1RB#49	21.76	20.36	33	PASS
Band41	10MHz	16QAM	40640	1RB#24	21.96	20.56	33	PASS
Band41	10MHz	16QAM	40640	25RB#0	20.80	19.4	33	PASS
Band41	10MHz	16QAM	40640	25RB#25	20.93	19.53	33	PASS
Band41	10MHz	16QAM	40640	25RB#12	21.12	19.72	33	PASS
Band41	10MHz	16QAM	40640	50RB#0	20.80	19.4	33	PASS
Band41	10MHz	16QAM	41190	1RB#0	21.75	20.35	33	PASS
Band41	10MHz	16QAM	41190	1RB#49	21.76	20.36	33	PASS
Band41	10MHz	16QAM	41190	1RB#24	21.84	20.44	33	PASS
Band41	10MHz	16QAM	41190	25RB#0	21.01	19.61	33	PASS
Band41	10MHz	16QAM	41190	25RB#12	20.73	19.33	33	PASS
Band41	10MHz	16QAM	41190	25RB#25	20.76	19.36	33	PASS
Band41	10MHz	16QAM	41190	50RB#0	20.75	19.35	33	PASS



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Band41	15MHz	QPSK	40115	1RB#74	22.96	21.56	33	PASS
Band41	15MHz	QPSK	40115	1RB#38	23.21	21.81	33	PASS
Band41	15MHz	QPSK	40115	1RB#0	23.11	21.71	33	PASS
Band41	15MHz	QPSK	40115	36RB#39	22.05	20.65	33	PASS
Band41	15MHz	QPSK	40115	36RB#18	22.13	20.73	33	PASS
Band41	15MHz	QPSK	40115	36RB#0	21.82	20.42	33	PASS
Band41	15MHz	QPSK	40115	75RB#0	21.95	20.55	33	PASS
Band41	15MHz	QPSK	40640	1RB#0	22.95	21.55	33	PASS
Band41	15MHz	QPSK	40640	1RB#38	23.24	21.84	33	PASS
Band41	15MHz	QPSK	40640	1RB#74	23.22	21.82	33	PASS
Band41	15MHz	QPSK	40640	36RB#0	22.04	20.64	33	PASS
Band41	15MHz	QPSK	40640	36RB#18	22.14	20.74	33	PASS
Band41	15MHz	QPSK	40640	36RB#39	21.88	20.48	33	PASS
Band41	15MHz	QPSK	40640	75RB#0	21.85	20.45	33	PASS
Band41	15MHz	QPSK	41165	1RB#0	23.24	21.84	33	PASS
Band41	15MHz	QPSK	41165	1RB#38	23.06	21.66	33	PASS
Band41	15MHz	QPSK	41165	1RB#74	23.10	21.7	33	PASS
Band41	15MHz	QPSK	41165	36RB#0	22.07	20.67	33	PASS
Band41	15MHz	QPSK	41165	36RB#18	21.87	20.47	33	PASS
Band41	15MHz	QPSK	41165	36RB#39	21.75	20.35	33	PASS
Band41	15MHz	QPSK	41165	75RB#0	21.70	20.3	33	PASS
Band41	15MHz	64QAM	40115	1RB#74	20.66	19.26	33	PASS
Band41	15MHz	64QAM	40115	1RB#38	20.65	19.25	33	PASS
Band41	15MHz	64QAM	40115	1RB#0	20.54	19.14	33	PASS
Band41	15MHz	64QAM	40115	36RB#0	19.88	18.48	33	PASS
Band41	15MHz	64QAM	40115	36RB#18	19.57	18.17	33	PASS
Band41	15MHz	64QAM	40115	36RB#39	19.62	18.22	33	PASS
Band41	15MHz	64QAM	40115	75RB#0	19.93	18.53	33	PASS
Band41	15MHz	64QAM	40640	1RB#38	20.77	19.37	33	PASS
Band41	15MHz	64QAM	40640	1RB#74	20.72	19.32	33	PASS
Band41	15MHz	64QAM	40640	1RB#0	20.50	19.1	33	PASS
Band41	15MHz	64QAM	40640	36RB#39	19.90	18.5	33	PASS
Band41	15MHz	64QAM	40640	36RB#0	19.90	18.5	33	PASS



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Band41	15MHz	64QAM	40640	36RB#18	19.76	18.36	33	PASS
Band41	15MHz	64QAM	40640	75RB#0	19.77	18.37	33	PASS
Band41	15MHz	64QAM	41165	1RB#0	20.64	19.24	33	PASS
Band41	15MHz	64QAM	41165	1RB#38	20.73	19.33	33	PASS
Band41	15MHz	64QAM	41165	1RB#74	20.59	19.19	33	PASS
Band41	15MHz	64QAM	41165	36RB#18	20.03	18.63	33	PASS
Band41	15MHz	64QAM	41165	36RB#0	19.81	18.41	33	PASS
Band41	15MHz	64QAM	41165	36RB#39	19.78	18.38	33	PASS
Band41	15MHz	64QAM	41165	75RB#0	19.97	18.57	33	PASS
Band41	15MHz	16QAM	40115	1RB#38	21.83	20.43	33	PASS
Band41	15MHz	16QAM	40115	1RB#0	21.74	20.34	33	PASS
Band41	15MHz	16QAM	40115	1RB#74	21.73	20.33	33	PASS
Band41	15MHz	16QAM	40115	36RB#0	21.03	19.63	33	PASS
Band41	15MHz	16QAM	40115	36RB#39	20.75	19.35	33	PASS
Band41	15MHz	16QAM	40115	36RB#18	20.76	19.36	33	PASS
Band41	15MHz	16QAM	40115	75RB#0	21.12	19.72	33	PASS
Band41	15MHz	16QAM	40640	1RB#38	21.86	20.46	33	PASS
Band41	15MHz	16QAM	40640	1RB#74	21.91	20.51	33	PASS
Band41	15MHz	16QAM	40640	1RB#0	21.64	20.24	33	PASS
Band41	15MHz	16QAM	40640	36RB#0	21.00	19.6	33	PASS
Band41	15MHz	16QAM	40640	36RB#18	20.98	19.58	33	PASS
Band41	15MHz	16QAM	40640	36RB#39	20.95	19.55	33	PASS
Band41	15MHz	16QAM	40640	75RB#0	20.93	19.53	33	PASS
Band41	15MHz	16QAM	41165	1RB#0	21.75	20.35	33	PASS
Band41	15MHz	16QAM	41165	1RB#38	21.84	20.44	33	PASS
Band41	15MHz	16QAM	41165	1RB#74	21.68	20.28	33	PASS
Band41	15MHz	16QAM	41165	36RB#0	21.13	19.73	33	PASS
Band41	15MHz	16QAM	41165	36RB#18	20.94	19.54	33	PASS
Band41	15MHz	16QAM	41165	36RB#39	20.86	19.46	33	PASS
Band41	15MHz	16QAM	41165	75RB#0	21.14	19.74	33	PASS
Band41	20MHz	QPSK	40140	1RB#49	23.02	21.62	33	PASS
Band41	20MHz	QPSK	40140	1RB#0	23.12	21.72	33	PASS
Band41	20MHz	QPSK	40140	1RB#99	23.12	21.72	33	PASS



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Band41	20MHz	QPSK	40140	50RB#25	21.87	20.47	33	PASS
Band41	20MHz	QPSK	40140	50RB#0	21.77	20.37	33	PASS
Band41	20MHz	QPSK	40140	50RB#50	21.85	20.45	33	PASS
Band41	20MHz	QPSK	40140	100RB#0	21.76	20.36	33	PASS
Band41	20MHz	QPSK	40640	1RB#0	23.22	21.82	33	PASS
Band41	20MHz	QPSK	40640	1RB#49	23.23	21.83	33	PASS
Band41	20MHz	QPSK	40640	1RB#99	23.13	21.73	33	PASS
Band41	20MHz	QPSK	40640	50RB#0	21.98	20.58	33	PASS
Band41	20MHz	QPSK	40640	50RB#25	21.88	20.48	33	PASS
Band41	20MHz	QPSK	40640	50RB#50	21.75	20.35	33	PASS
Band41	20MHz	QPSK	40640	100RB#0	21.87	20.47	33	PASS
Band41	20MHz	QPSK	41140	1RB#0	23.10	21.7	33	PASS
Band41	20MHz	QPSK	41140	1RB#99	23.15	21.75	33	PASS
Band41	20MHz	QPSK	41140	1RB#49	23.14	21.74	33	PASS
Band41	20MHz	QPSK	41140	50RB#50	21.76	20.36	33	PASS
Band41	20MHz	QPSK	41140	50RB#25	21.76	20.36	33	PASS
Band41	20MHz	QPSK	41140	50RB#0	21.83	20.43	33	PASS
Band41	20MHz	QPSK	41140	100RB#0	21.85	20.45	33	PASS
Band41	20MHz	64QAM	40140	1RB#99	20.72	19.32	33	PASS
Band41	20MHz	64QAM	40140	1RB#0	20.79	19.39	33	PASS
Band41	20MHz	64QAM	40140	1RB#49	20.73	19.33	33	PASS
Band41	20MHz	64QAM	40140	50RB#0	19.74	18.34	33	PASS
Band41	20MHz	64QAM	40140	50RB#25	19.70	18.3	33	PASS
Band41	20MHz	64QAM	40140	50RB#50	19.59	18.19	33	PASS
Band41	20MHz	64QAM	40140	100RB#0	19.82	18.42	33	PASS
Band41	20MHz	64QAM	40640	1RB#99	20.64	19.24	33	PASS
Band41	20MHz	64QAM	40640	1RB#0	20.72	19.32	33	PASS
Band41	20MHz	64QAM	40640	1RB#49	20.65	19.25	33	PASS
Band41	20MHz	64QAM	40640	50RB#25	19.71	18.31	33	PASS
Band41	20MHz	64QAM	40640	50RB#50	20.02	18.62	33	PASS
Band41	20MHz	64QAM	40640	50RB#0	19.70	18.3	33	PASS
Band41	20MHz	64QAM	40640	100RB#0	19.76	18.36	33	PASS
Band41	20MHz	64QAM	41140	1RB#0	20.71	19.31	33	PASS



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Band41	20MHz	64QAM	41140	1RB#99	20.61	19.21	33	PASS
Band41	20MHz	64QAM	41140	50RB#0	19.54	18.14	33	PASS
Band41	20MHz	64QAM	41140	50RB#25	19.59	18.19	33	PASS
Band41	20MHz	64QAM	41140	50RB#50	20.01	18.61	33	PASS
Band41	20MHz	64QAM	41140	100RB#0	19.66	18.26	33	PASS
Band41	20MHz	16QAM	40140	1RB#0	21.83	20.43	33	PASS
Band41	20MHz	16QAM	40140	1RB#99	21.87	20.47	33	PASS
Band41	20MHz	16QAM	40140	1RB#49	21.83	20.43	33	PASS
Band41	20MHz	16QAM	40140	50RB#0	20.86	19.46	33	PASS
Band41	20MHz	16QAM	40140	50RB#50	20.86	19.46	33	PASS
Band41	20MHz	16QAM	40140	50RB#25	20.72	19.32	33	PASS
Band41	20MHz	16QAM	40140	100RB#0	20.93	19.53	33	PASS
Band41	20MHz	16QAM	40640	1RB#0	21.81	20.41	33	PASS
Band41	20MHz	16QAM	40640	1RB#49	21.82	20.42	33	PASS
Band41	20MHz	16QAM	40640	1RB#99	21.82	20.42	33	PASS
Band41	20MHz	16QAM	40640	50RB#0	20.84	19.44	33	PASS
Band41	20MHz	16QAM	40640	50RB#25	21.14	19.74	33	PASS
Band41	20MHz	16QAM	40640	50RB#50	20.83	19.43	33	PASS
Band41	20MHz	16QAM	40640	100RB#0	20.86	19.46	33	PASS
Band41	20MHz	16QAM	41140	1RB#0	21.83	20.43	33	PASS
Band41	20MHz	16QAM	41140	1RB#99	21.83	20.43	33	PASS
Band41	20MHz	16QAM	41140	1RB#49	21.78	20.38	33	PASS
Band41	20MHz	16QAM	41140	50RB#50	20.73	19.33	33	PASS
Band41	20MHz	16QAM	41140	50RB#25	20.75	19.35	33	PASS
Band41	20MHz	16QAM	41140	50RB#0	21.16	19.76	33	PASS
Band41	20MHz	16QAM	41140	100RB#0	20.76	19.36	33	PASS

Remark:

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

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

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



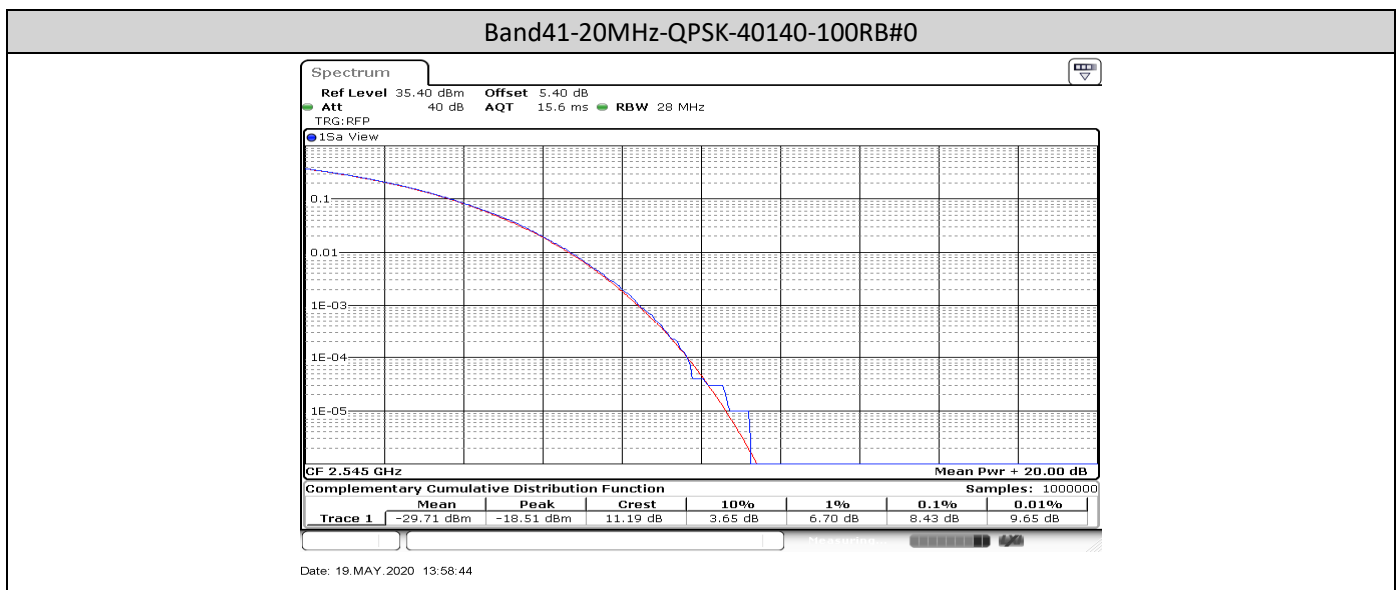
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	40140	100RB#0	8.43	13	PASS
Band41	20MHz	QPSK	40640	100RB#0	8.35	13	PASS
Band41	20MHz	QPSK	41140	100RB#0	8.35	13	PASS
Band41	20MHz	64QAM	40140	100RB#0	7.57	13	PASS
Band41	20MHz	64QAM	40640	100RB#0	9.62	13	PASS
Band41	20MHz	64QAM	41140	100RB#0	9.65	13	PASS
Band41	20MHz	16QAM	40140	100RB#0	9.04	13	PASS
Band41	20MHz	16QAM	40640	100RB#0	9.19	13	PASS
Band41	20MHz	16QAM	41140	100RB#0	9.13	13	PASS

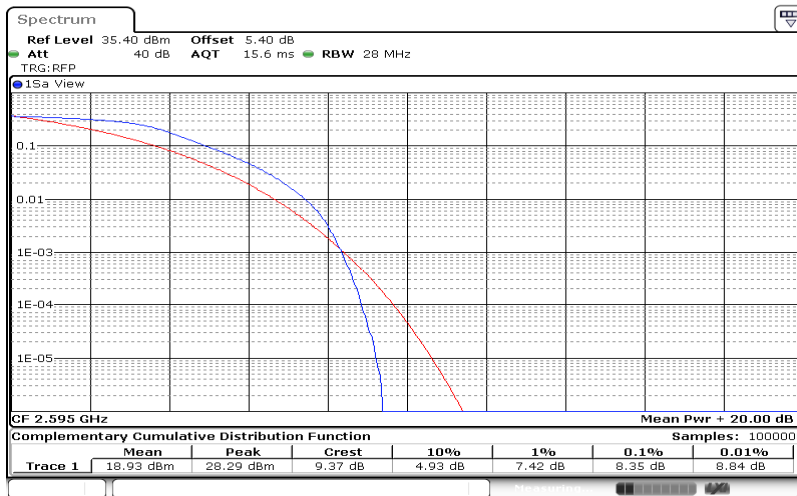
2.2. Test Plots



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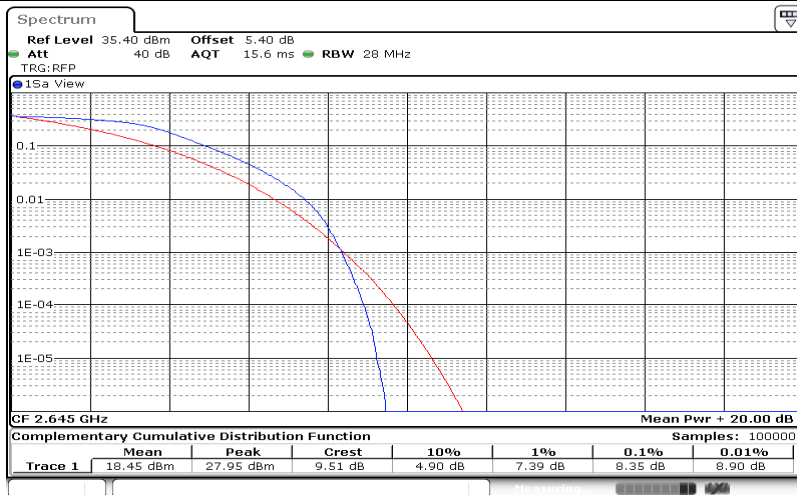
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Band41-20MHz-QPSK-40640-100RB#0



Date: 19.MAY.2020 13:59:06

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

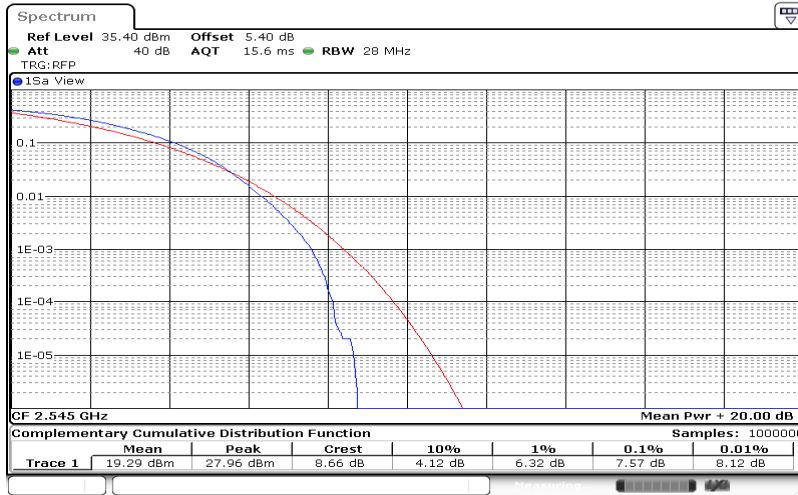


Date: 19.MAY.2020 13:59:29



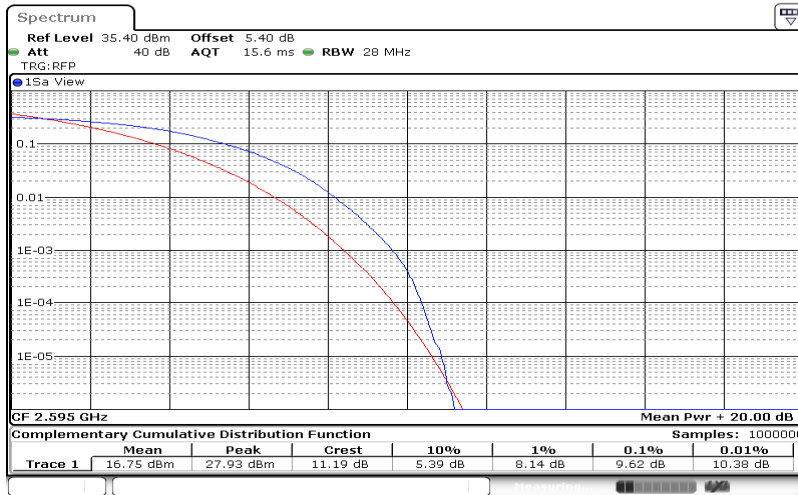
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Band41-20MHz-64QAM-40140-100RB#0



Date: 22.MAY.2020 11:39:49

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

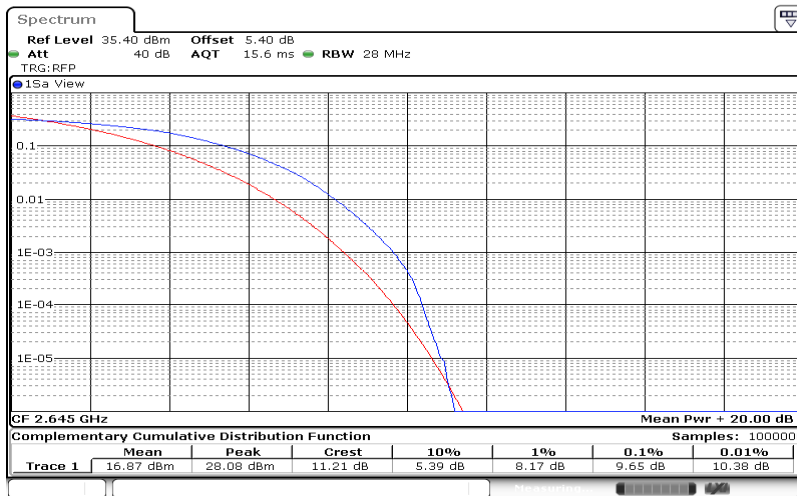


Date: 22.MAY.2020 11:40:00



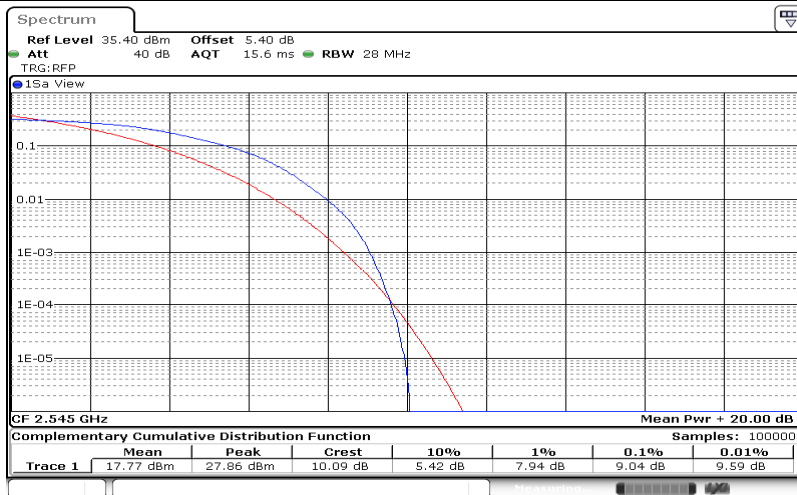
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Band41-20MHz-64QAM-41140-100RB#0



Date: 22.MAY.2020 11:40:12

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

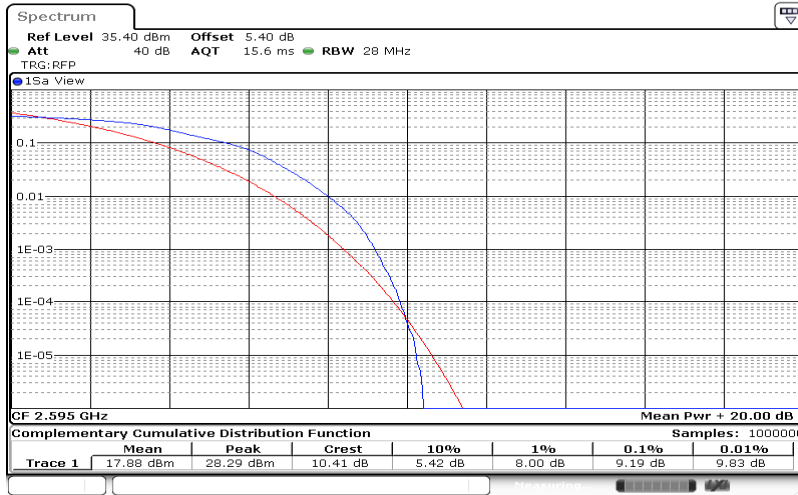


Date: 19.MAY.2020 13:58:55



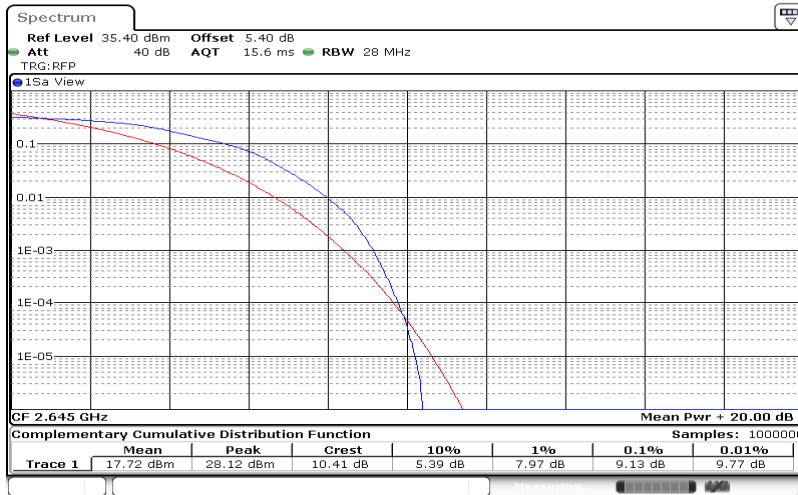
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Band41-20MHz-16QAM-40640-100RB#0



Date: 19.MAY.2020 13:59:18

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



Date: 19.MAY.2020 13:59:40

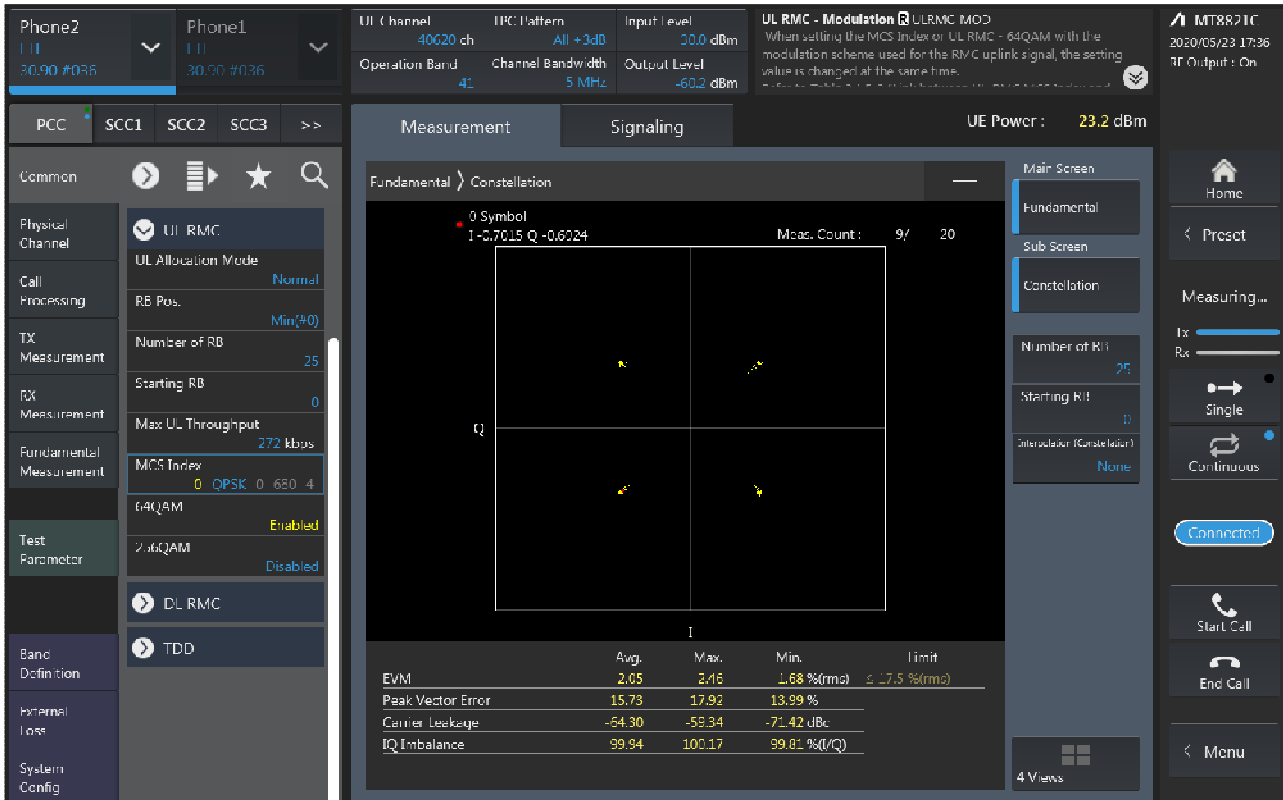


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

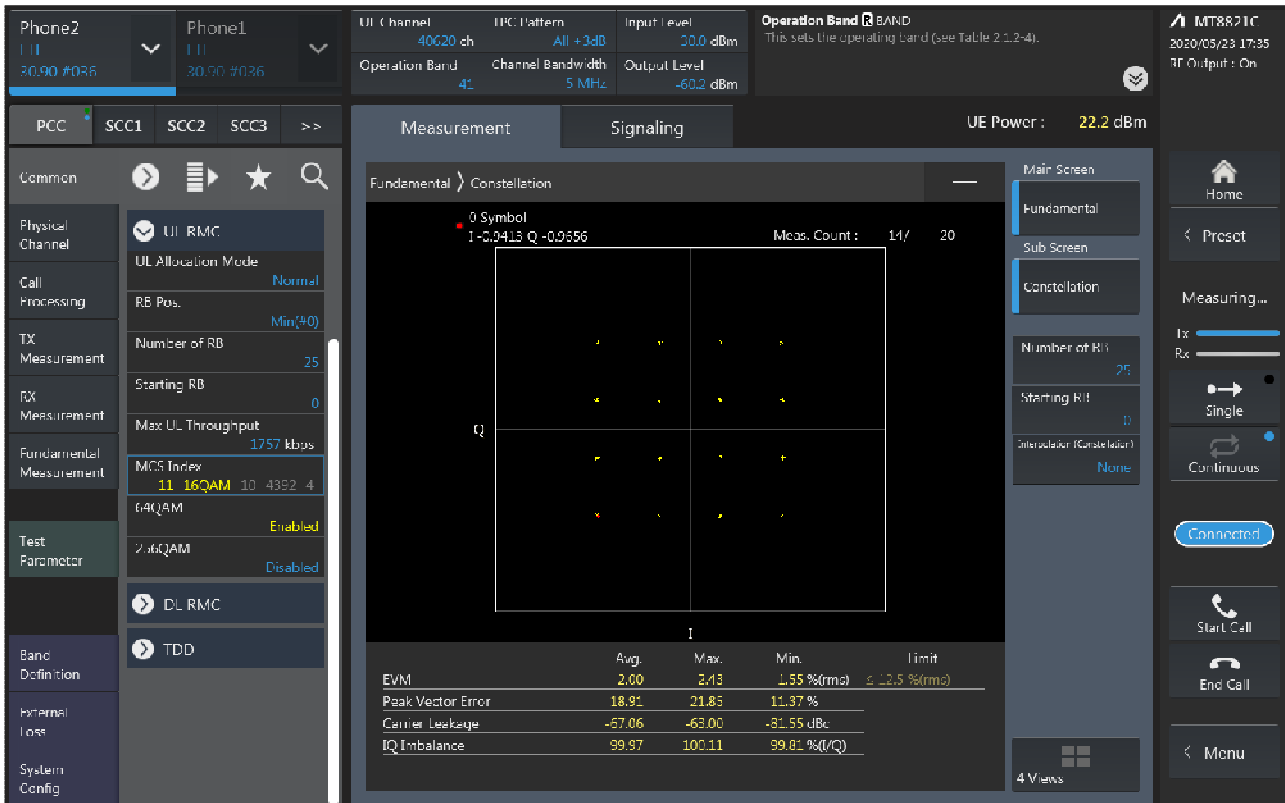
3.1.1. Test Channel = MCH



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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH

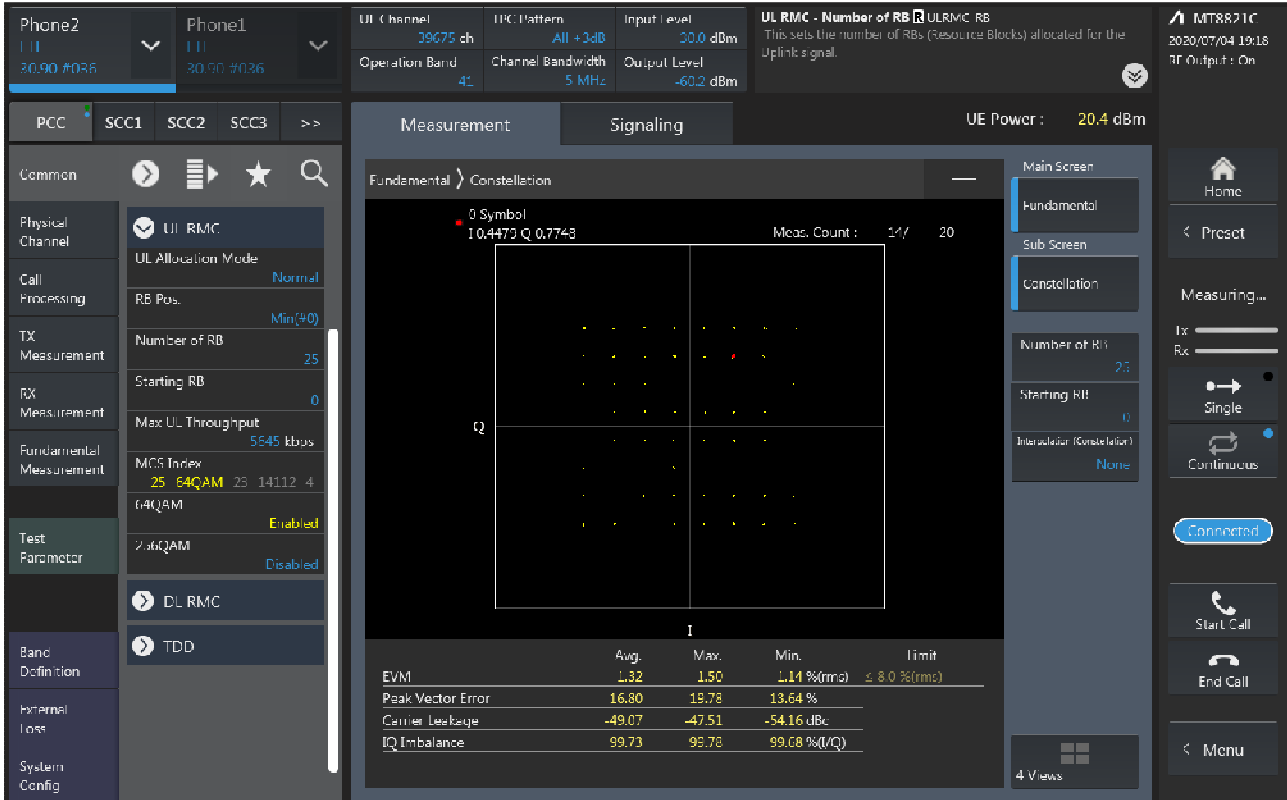


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3.3. Test Mode = LTE /TM3 20MHz

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
Band41	5MHz	QPSK	40065	25RB#0	4.466	4.950	PASS
Band41	5MHz	QPSK	40640	25RB#0	4.476	4.940	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.466	4.950	PASS
Band41	5MHz	64QAM	40065	25RB#0	4.476	5.050	PASS
Band41	5MHz	64QAM	40640	25RB#0	4.486	5.020	PASS
Band41	5MHz	64QAM	41215	25RB#0	4.486	5.050	PASS
Band41	5MHz	16QAM	40065	25RB#0	4.496	4.950	PASS
Band41	5MHz	16QAM	40640	25RB#0	4.486	4.970	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.496	4.960	PASS
Band41	10MHz	QPSK	40090	50RB#0	8.911	9.660	PASS
Band41	10MHz	QPSK	40640	50RB#0	8.911	9.680	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.911	9.680	PASS
Band41	10MHz	64QAM	40090	50RB#0	8.911	9.780	PASS
Band41	10MHz	64QAM	40640	50RB#0	8.931	9.780	PASS
Band41	10MHz	64QAM	41190	50RB#0	8.931	9.780	PASS
Band41	10MHz	16QAM	40090	50RB#0	8.911	9.640	PASS
Band41	10MHz	16QAM	40640	50RB#0	8.911	9.660	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.911	9.680	PASS
Band41	15MHz	QPSK	40115	75RB#0	13.487	15.780	PASS
Band41	15MHz	QPSK	40640	75RB#0	13.487	15.900	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.487	16.050	PASS
Band41	15MHz	64QAM	40115	75RB#0	13.427	15.150	PASS
Band41	15MHz	64QAM	40640	75RB#0	13.457	15.030	PASS
Band41	15MHz	64QAM	41165	75RB#0	13.427	15.060	PASS
Band41	15MHz	16QAM	40115	75RB#0	13.457	14.880	PASS
Band41	15MHz	16QAM	40640	75RB#0	13.457	15.030	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.457	14.910	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.902	19.720	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.942	19.560	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.902	19.560	PASS
Band41	20MHz	64QAM	40140	100RB#0	17.862	19.360	PASS



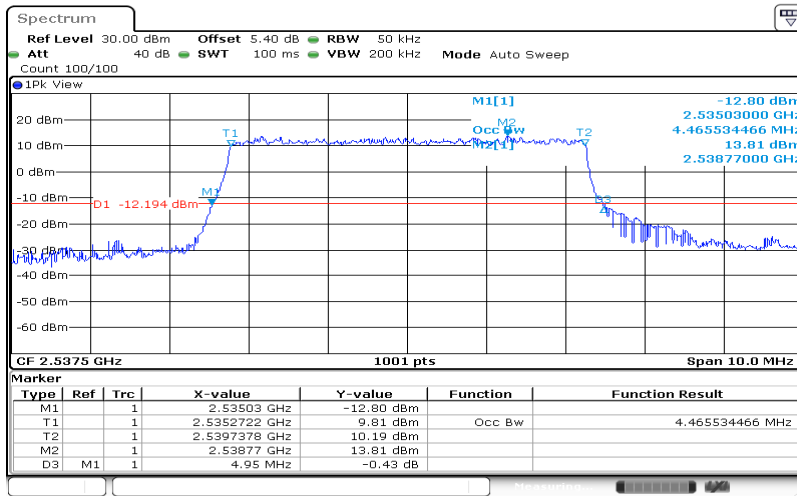
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Band41	20MHz	64QAM	40640	100RB#0	17.942	19.560	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.902	19.360	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.902	19.520	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.862	20.120	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.902	20.120	PASS

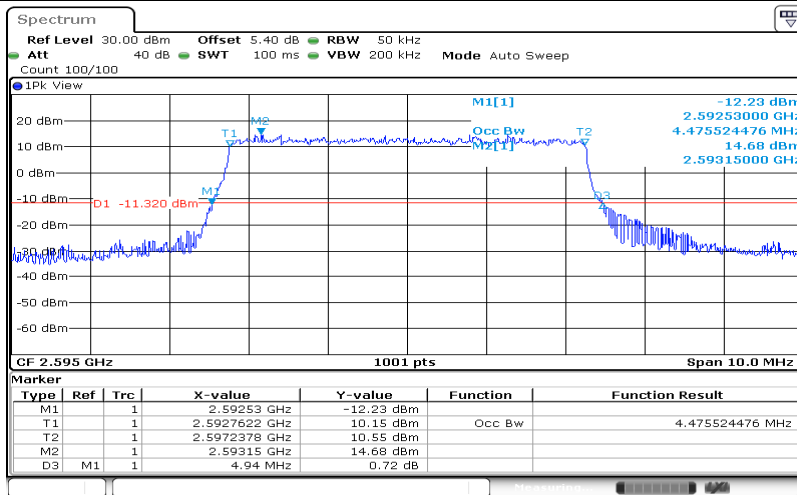
4.2. Test Plots

Band41-5MHz-QPSK-40065-25RB#0-4.466



Date: 19.MAY.2020 13:32:51

Band41-5MHz-QPSK-40640-25RB#0-4.476

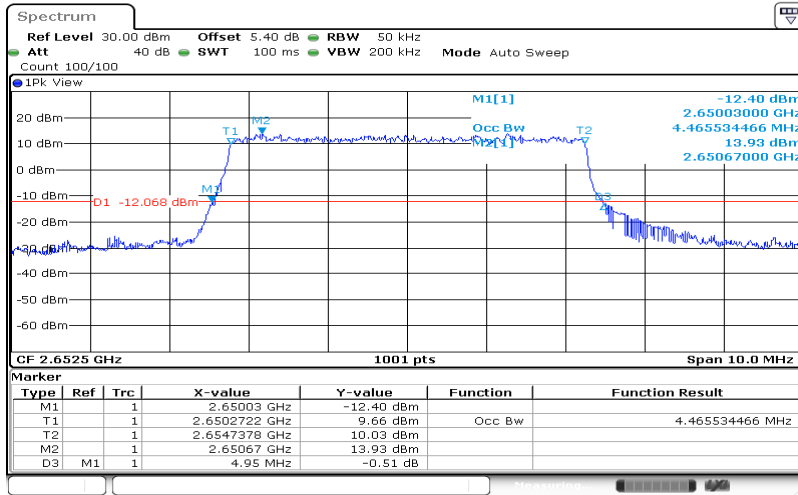


Date: 19.MAY.2020 13:33:31



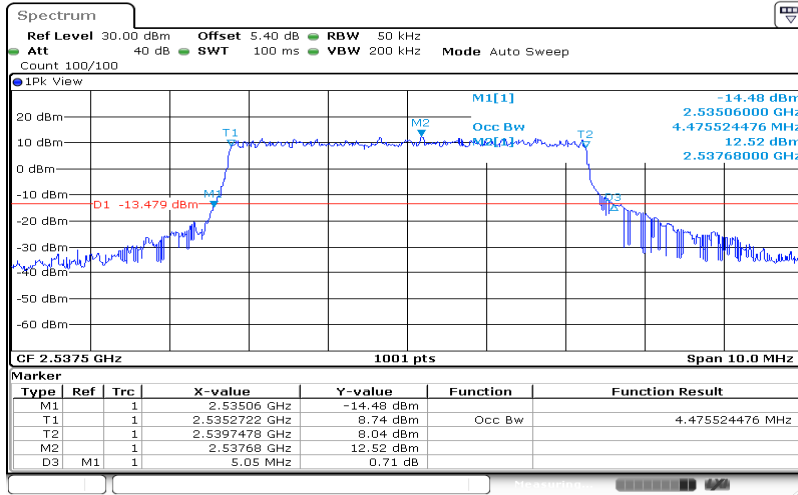
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Band41-5MHz-QPSK-41215-25RB#0-4.466



Date: 19.MAY.2020 13:34:10

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

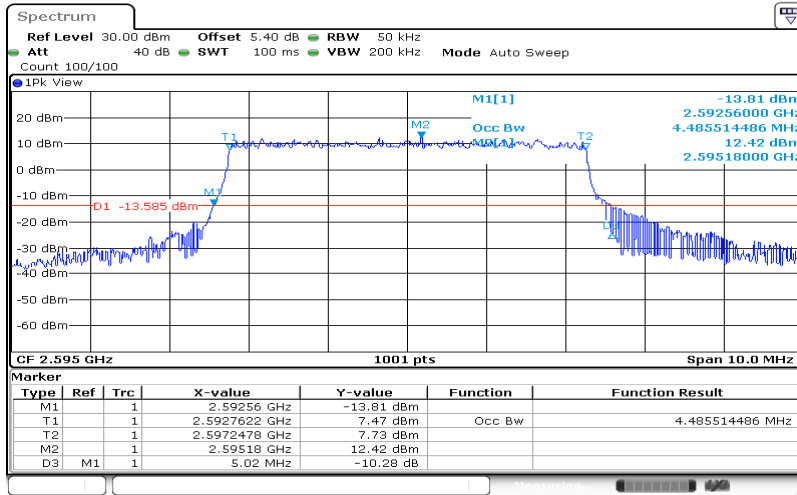


Date: 22.MAY.2020 11:15:13



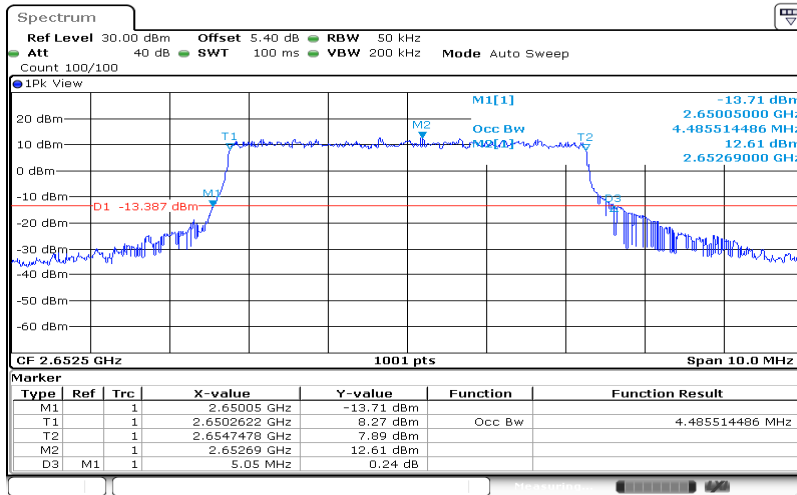
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Band41-5MHz-64QAM-40640-25RB#0-4.486



Date: 22.MAY.2020 11:15:33

Band41-5MHz-64QAM-41215-25RB#0-4.486

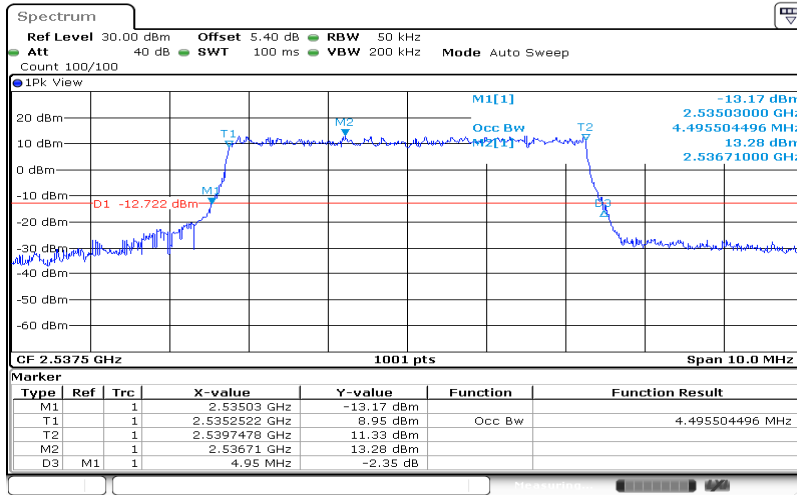


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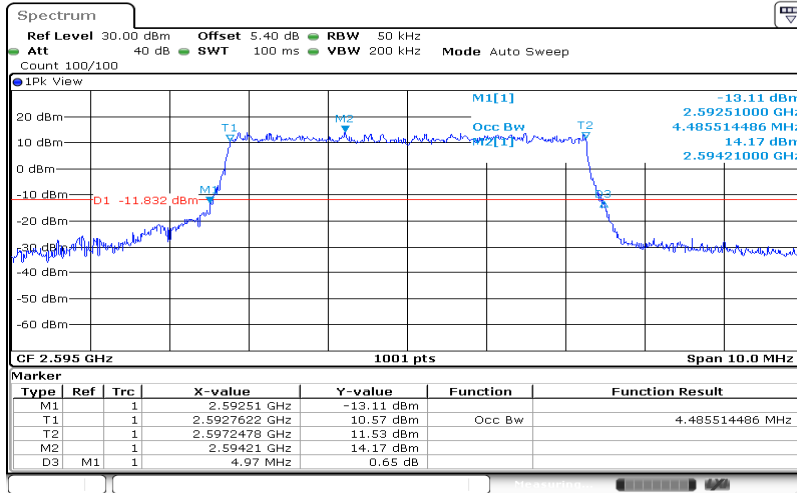
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Band41-5MHz-16QAM-40065-25RB#0-4.496



Date: 19.MAY.2020 13:33:11

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

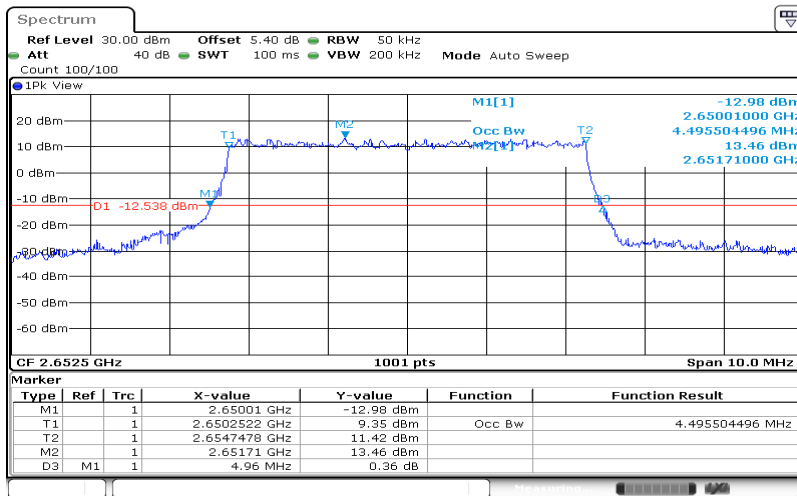


Date: 19.MAY.2020 13:33:50



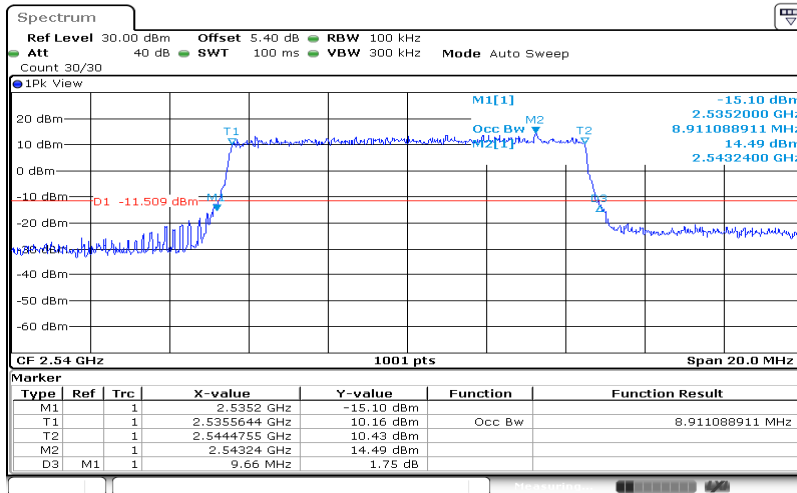
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Band41-5MHz-16QAM-41215-25RB#0-4.496



Date: 19.MAY.2020 13:34:30

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

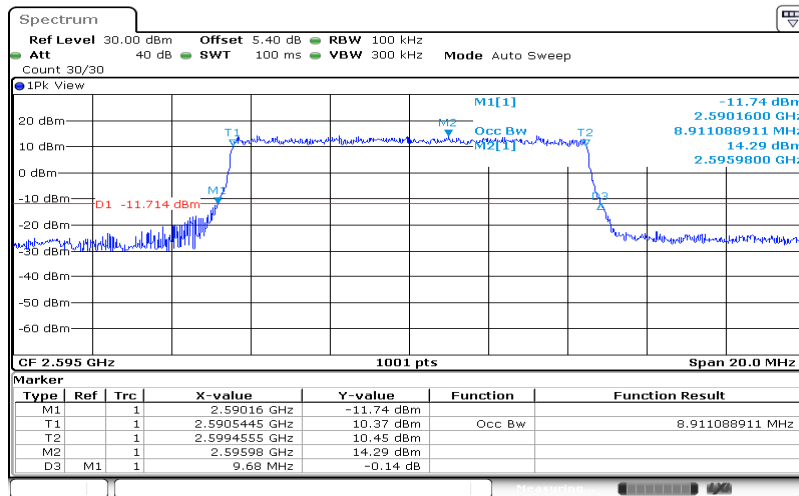


Date: 19.MAY.2020 13:34:48



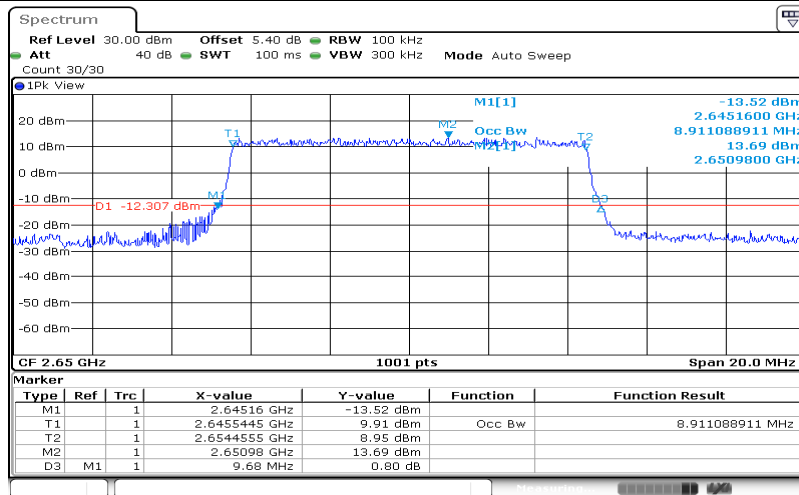
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Band41-10MHz-QPSK-40640-50RB#0-8.911



Date: 19.MAY.2020 13:35:13

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

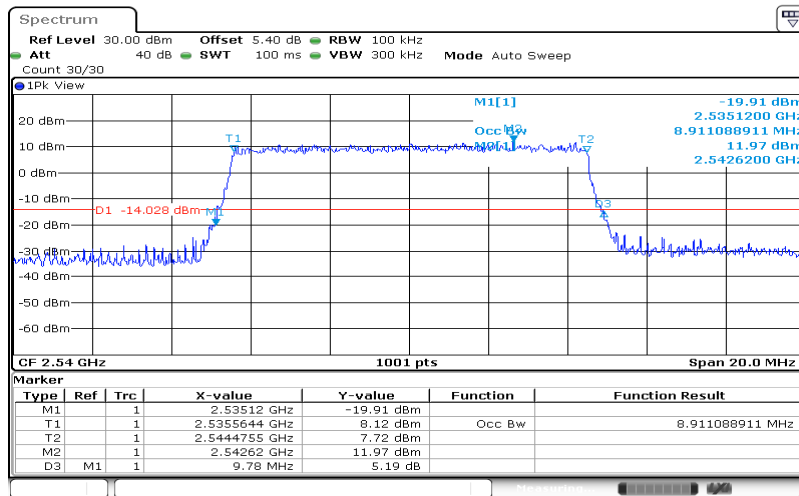


Date: 19.MAY.2020 13:35:39



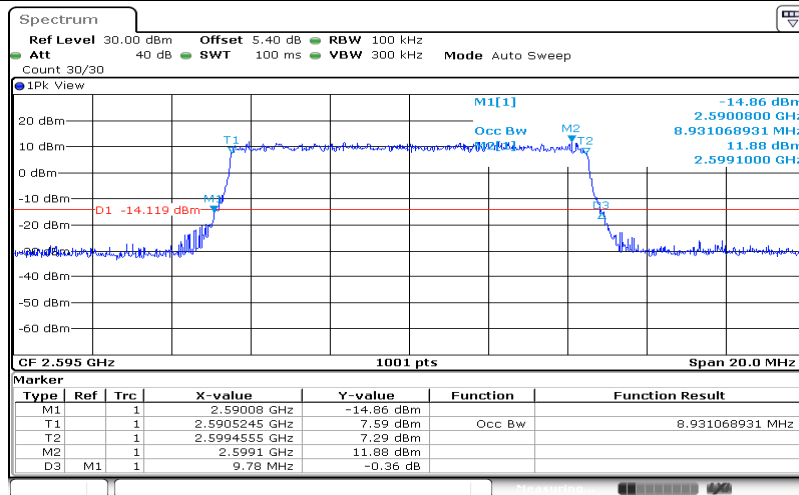
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Band41-10MHz-64QAM-40090-50RB#0-8.911



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

Band41-10MHz-64QAM-40640-50RB#0-8.931

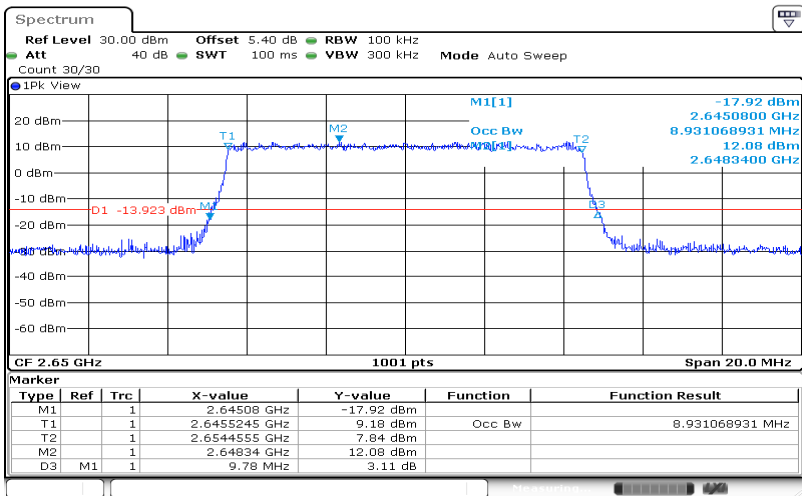


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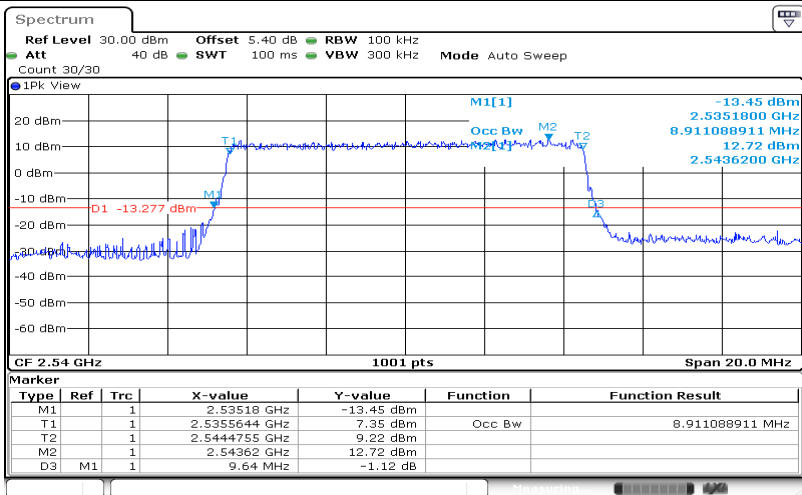
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Band41-10MHz-64QAM-41190-50RB#0-8.931



Date: 22.MAY.2020 11:16:36

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

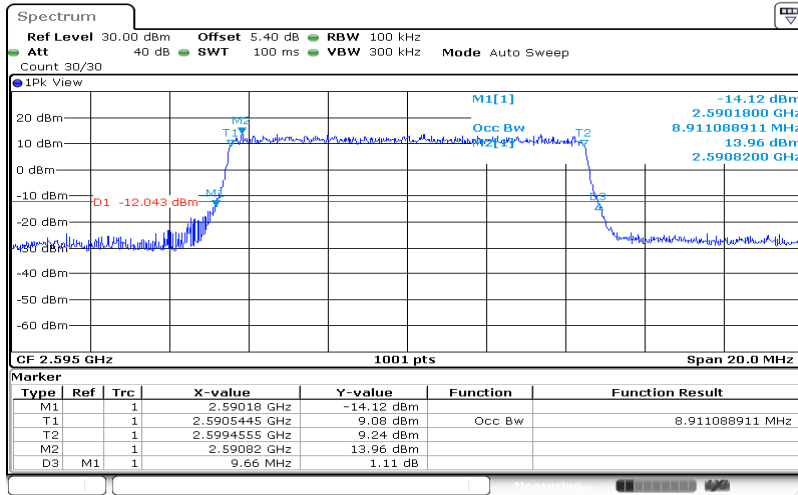


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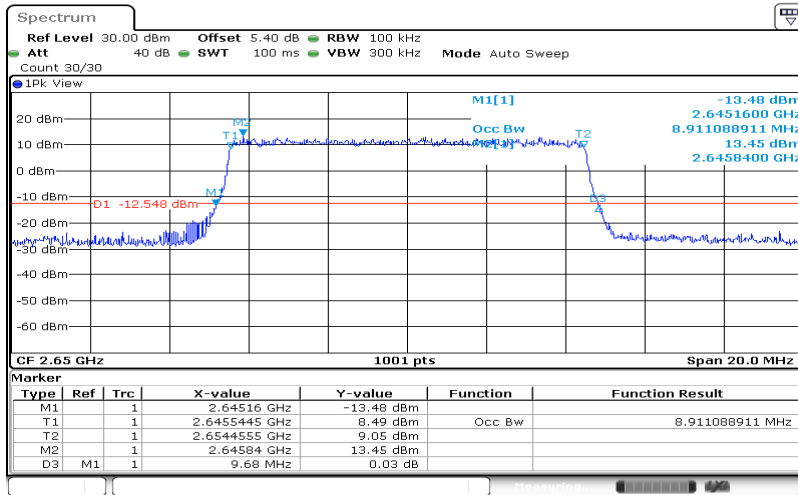
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Band41-10MHz-16QAM-40640-50RB#0-8.911



Date: 19.MAY.2020 13:35:26

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

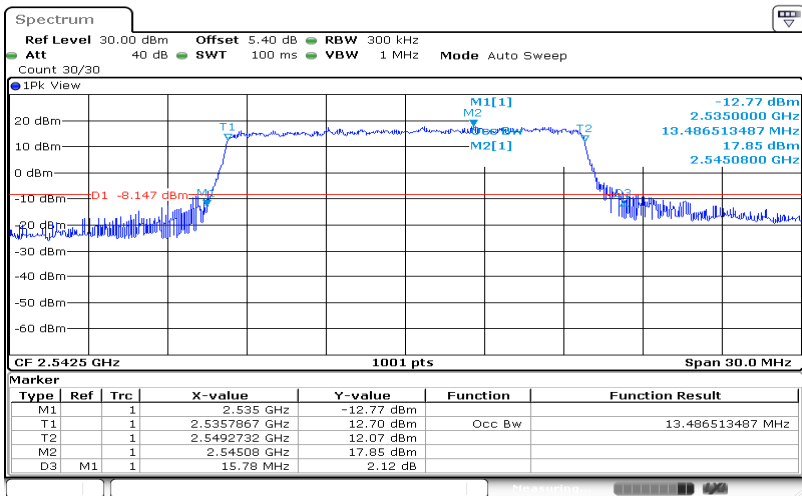


Date: 19.MAY.2020 13:35:51



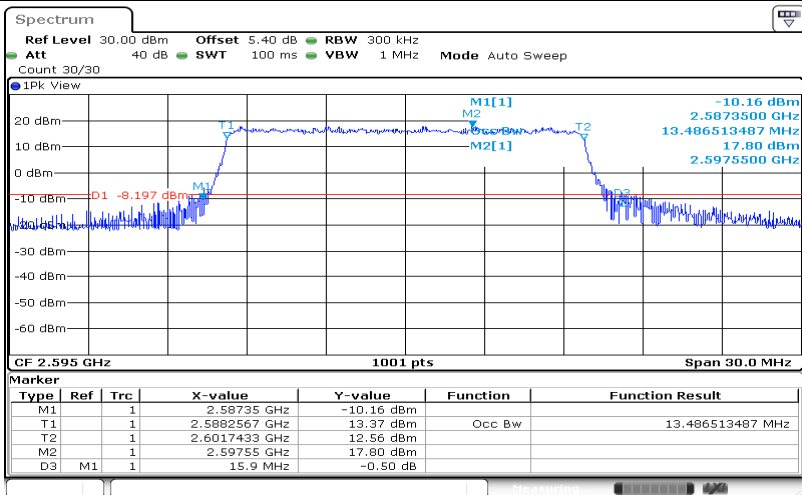
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Band41-15MHz-QPSK-40115-75RB#0-13.487



Date: 19.MAY.2020 13:36:09

Band41-15MHz-QPSK-40640-75RB#0-13.487

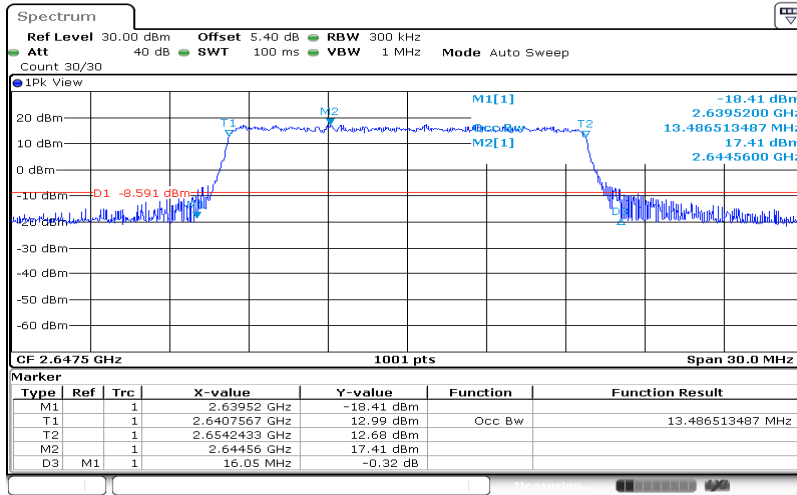


Date: 19.MAY.2020 13:36:34

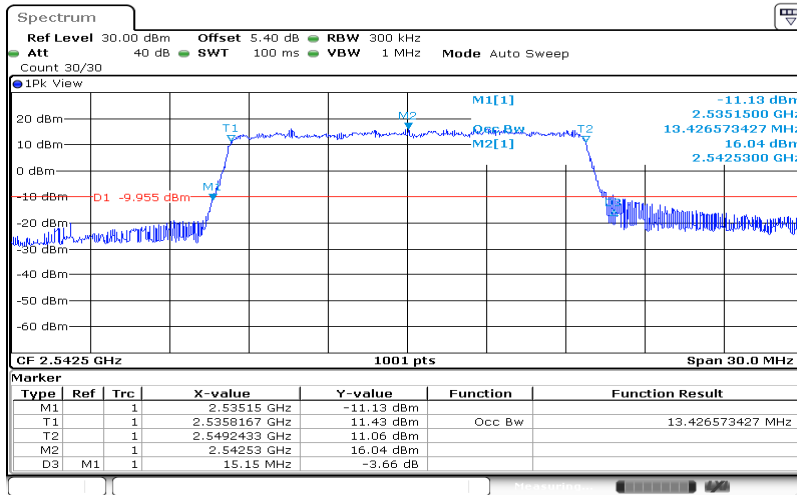


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Band41-15MHz-QPSK-41165-75RB#0-13.487



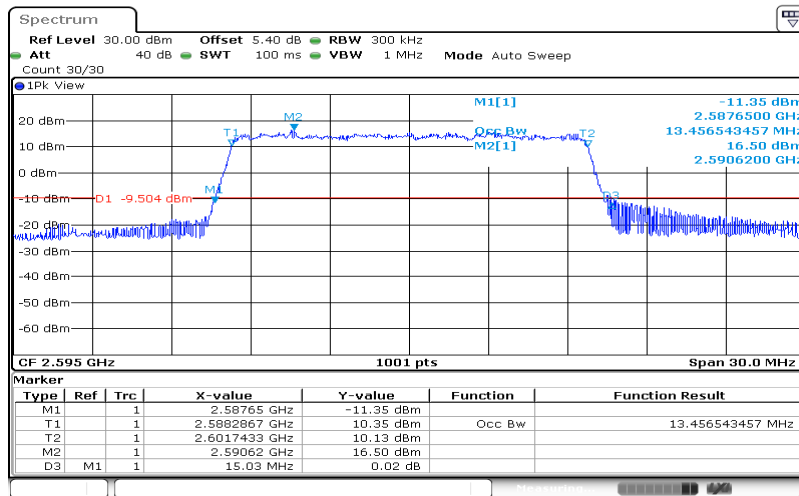
Band41-15MHz-64QAM-40115-75RB#0-13.427



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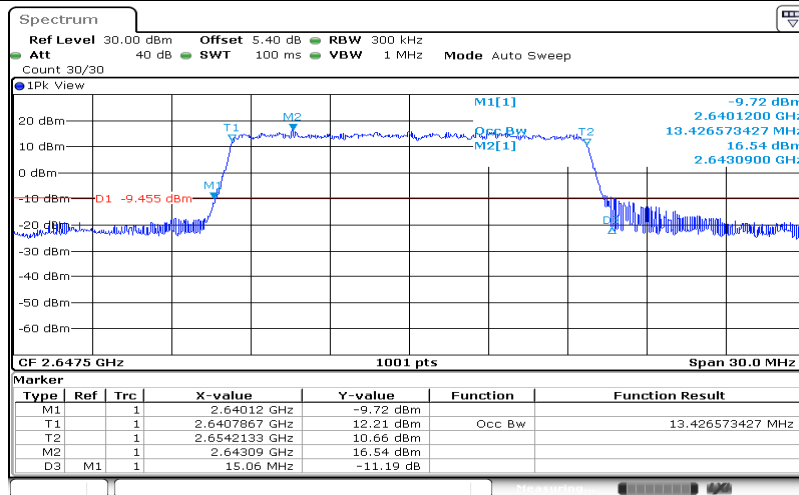
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Band41-15MHz-64QAM-40640-75RB#0-13.457



Date: 22.MAY.2020 11:17:07

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

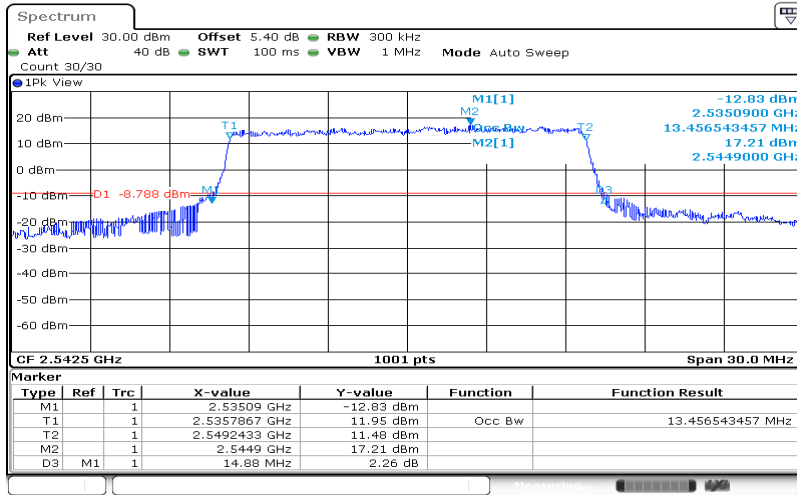


Date: 22.MAY.2020 11:17:20



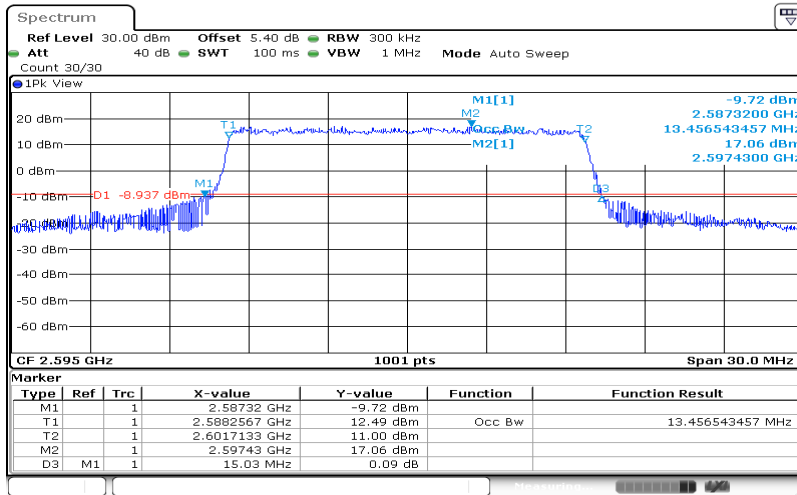
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Band41-15MHz-16QAM-40115-75RB#0-13.457



Date: 19.MAY.2020 13:36:21

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

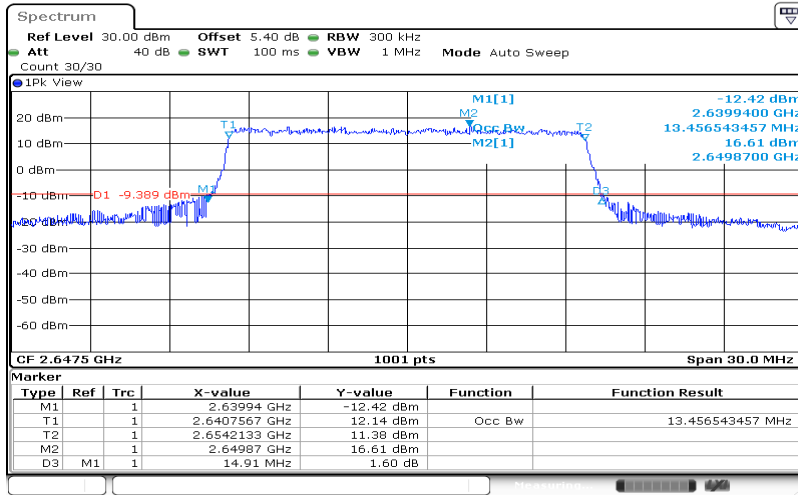


Date: 19.MAY.2020 13:36:47



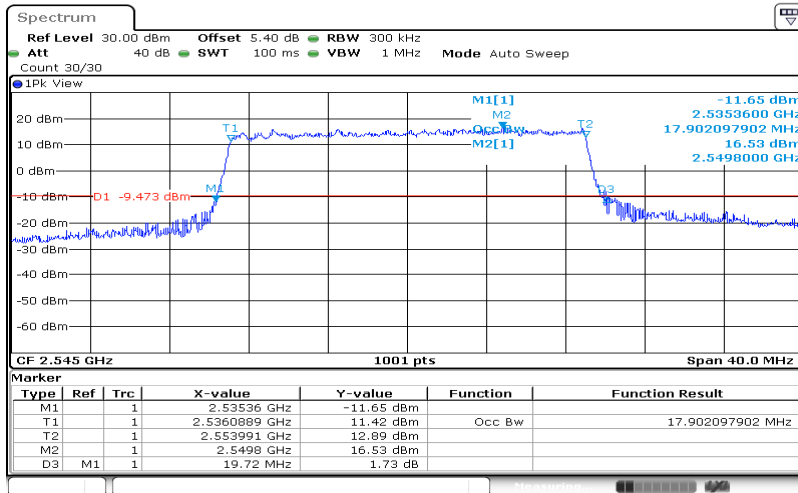
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Band41-15MHz-16QAM-41165-75RB#0-13.457



Date: 19.MAY.2020 13:37:13

Band41-20MHz-QPSK-40140-100RB#0-17.902

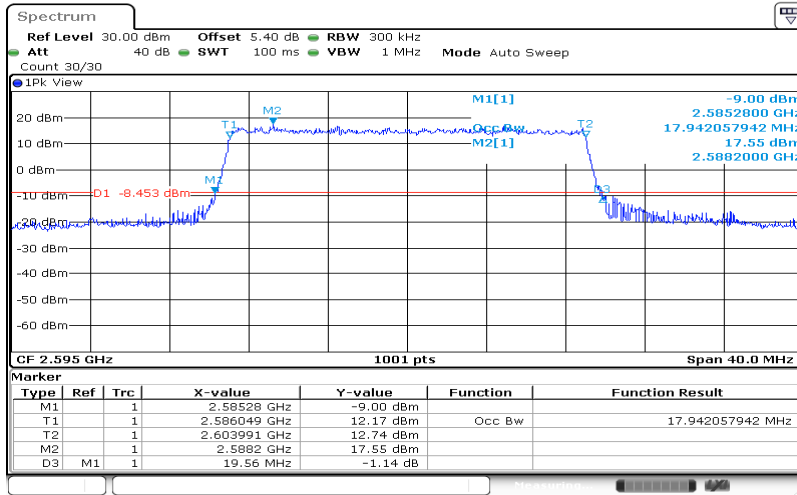


Date: 19.MAY.2020 13:37:30



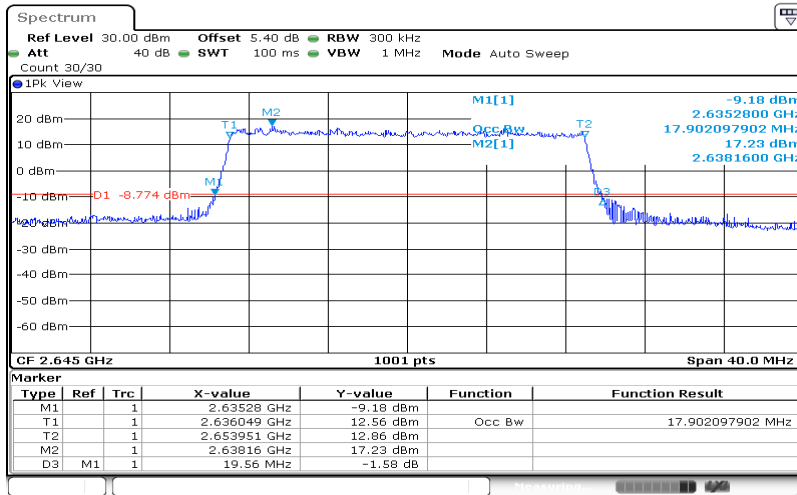
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Band41-20MHz-QPSK-40640-100RB#0-17.942



Date: 19.MAY.2020 13:37:56

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



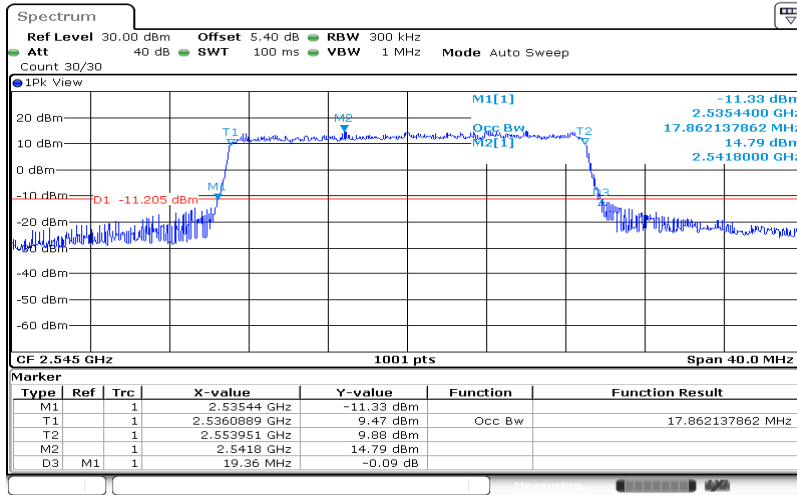
Date: 19.MAY.2020 13:38:22



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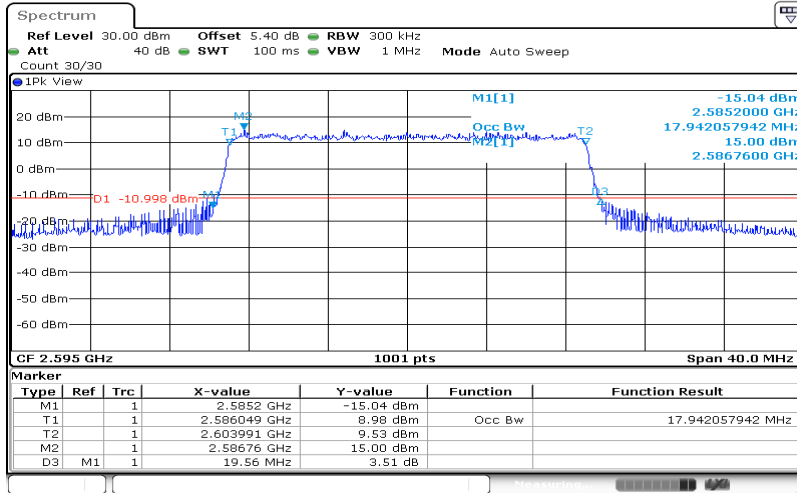
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Band41-20MHz-64QAM-40140-100RB#0-17.862



Date: 22.MAY.2020 11:30:33

Band41-20MHz-64QAM-40640-100RB#0-17.942

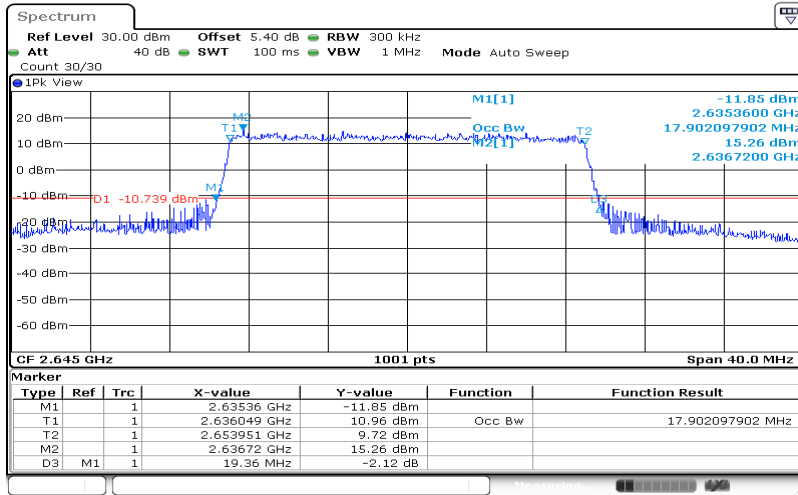


Date: 22.MAY.2020 11:30:46



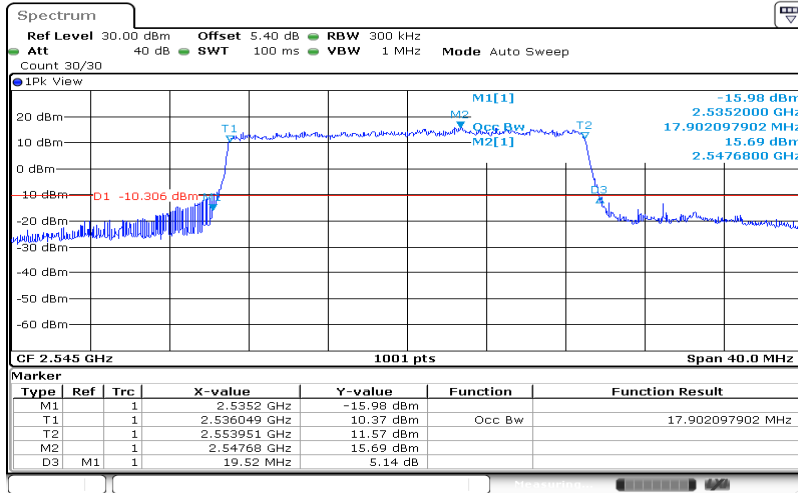
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Band41-20MHz-64QAM-41140-100RB#0-17.902



Date: 22.MAY.2020 11:30:58

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



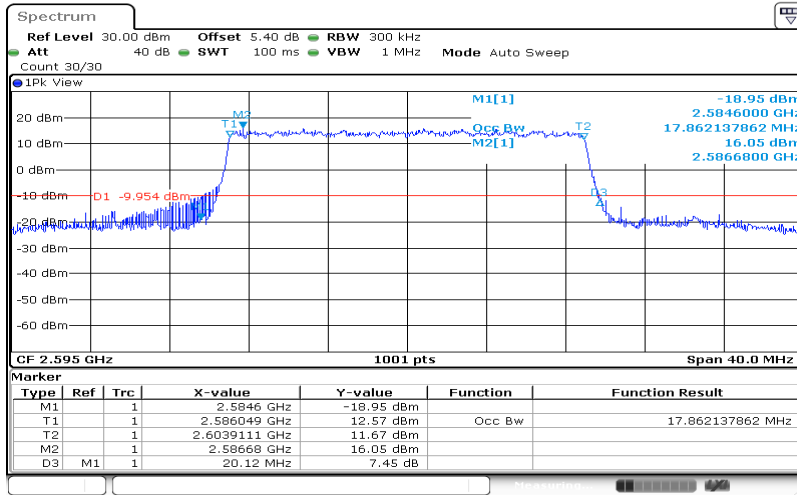
Date: 19.MAY.2020 13:37:43



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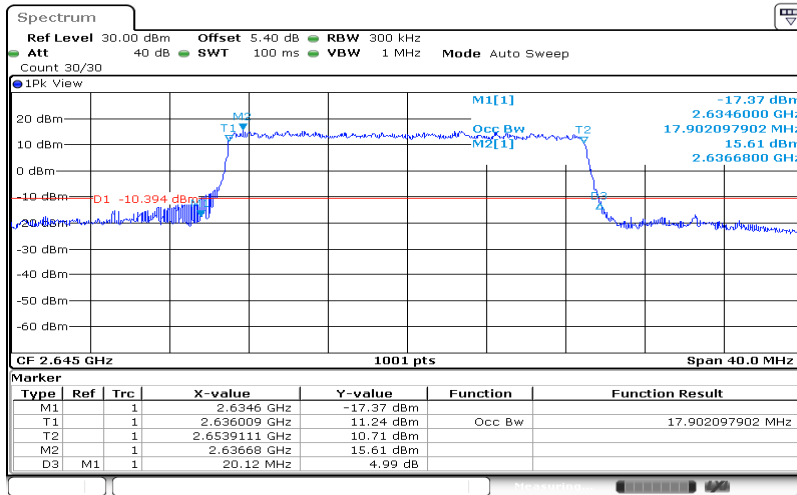
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Band41-20MHz-16QAM-40640-100RB#0-17.862



Date: 19.MAY.2020 13:38:09

Band41-20MHz-16QAM-41140-100RB#0-17.902



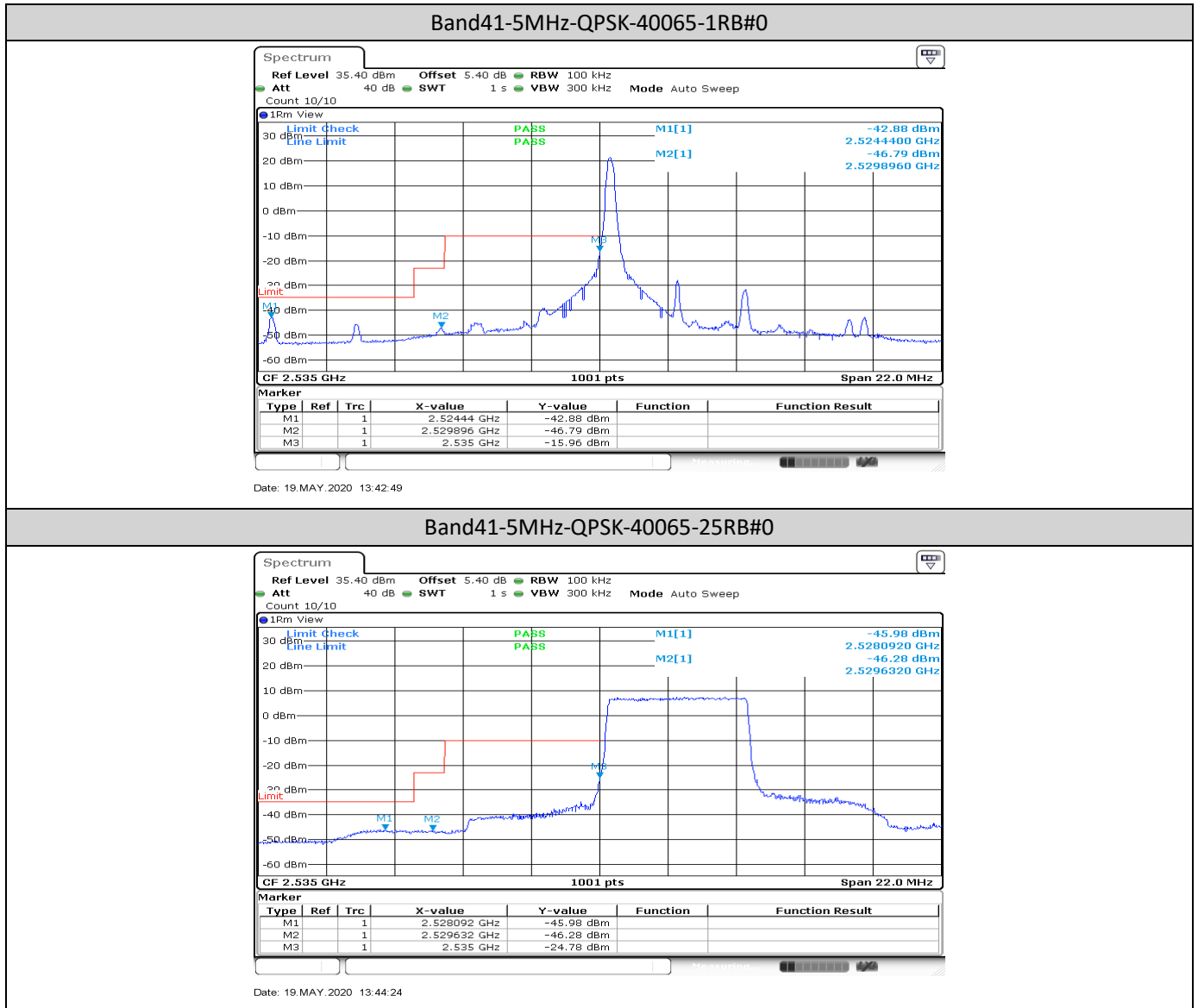
Date: 19.MAY.2020 13:38:34



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5. Band Edge Compliance

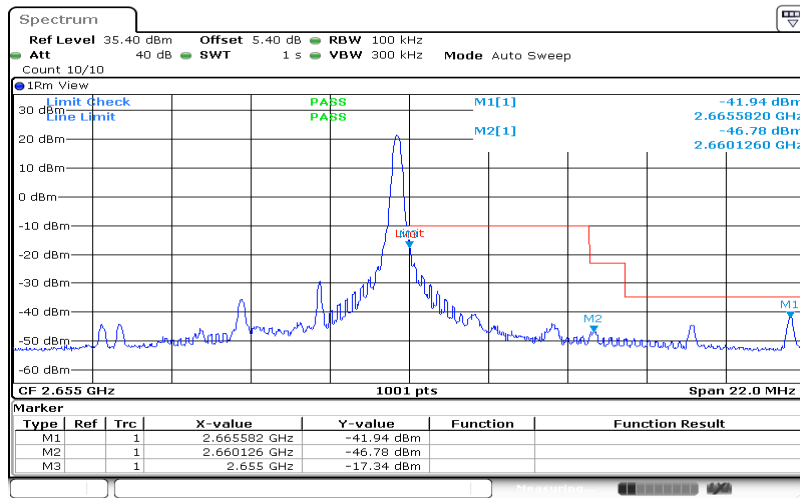
5.1. Test Plots



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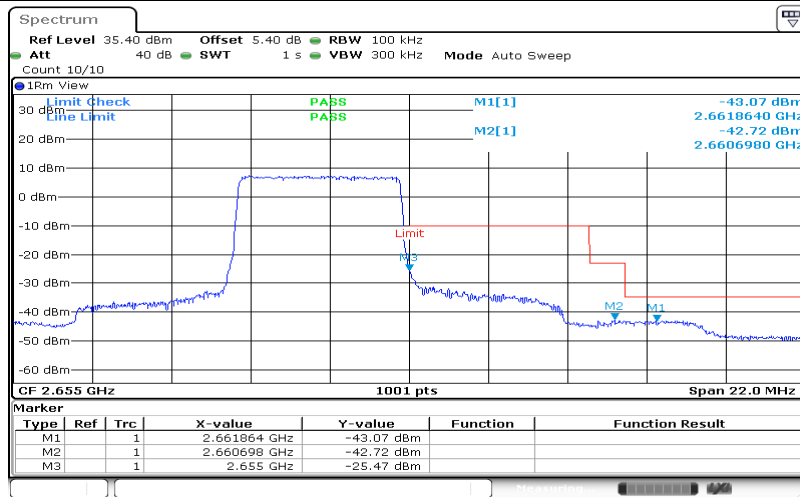
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Band41-5MHz-QPSK-41215-1RB#24



Date: 19.MAY.2020 13:43:36

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



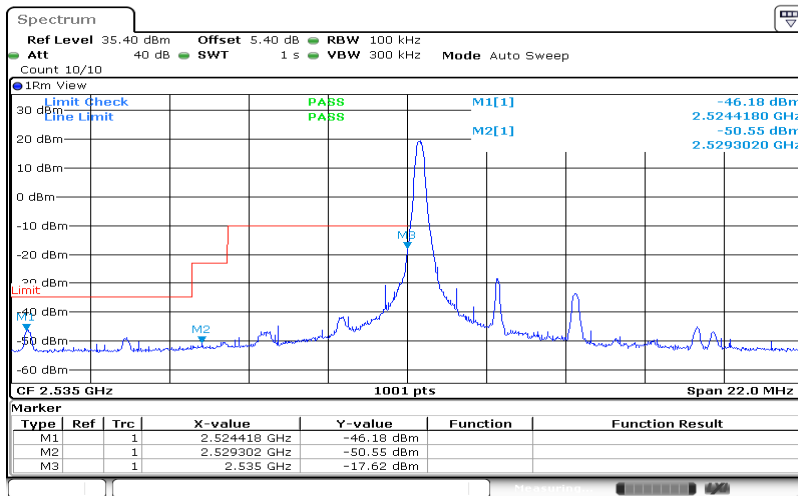
Date: 19.MAY.2020 13:45:08



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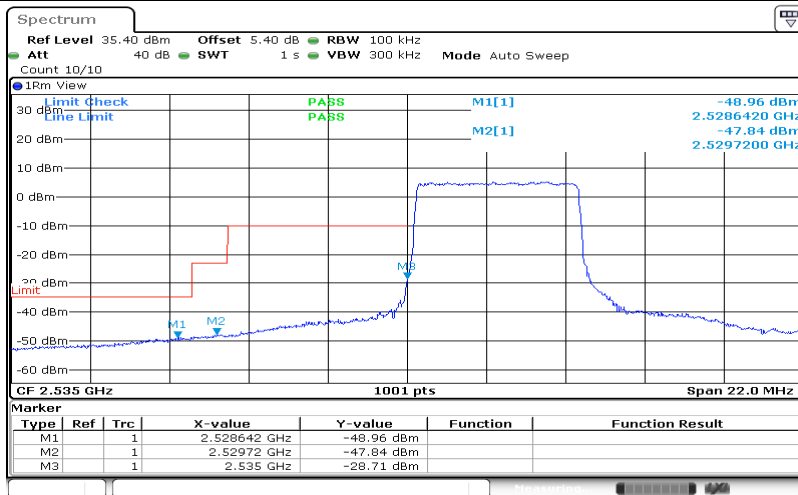
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Band41-5MHz-64QAM-40065-1RB#0



Date: 22.MAY.2020 11:31:25

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

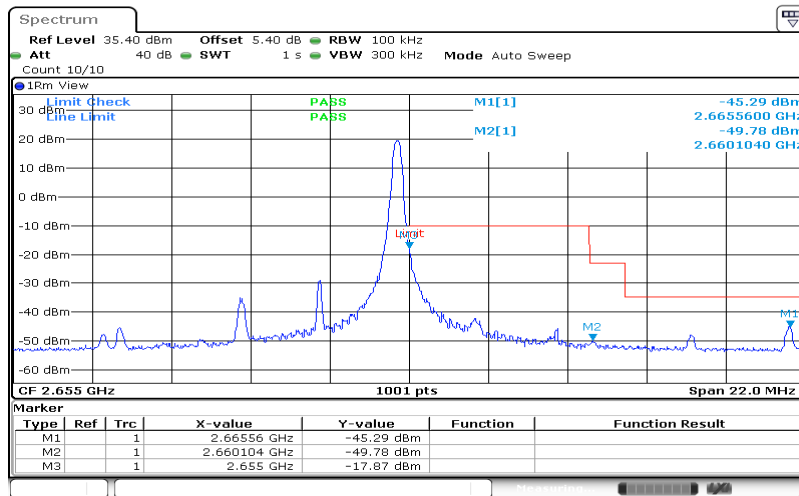


Date: 22.MAY.2020 11:32:17



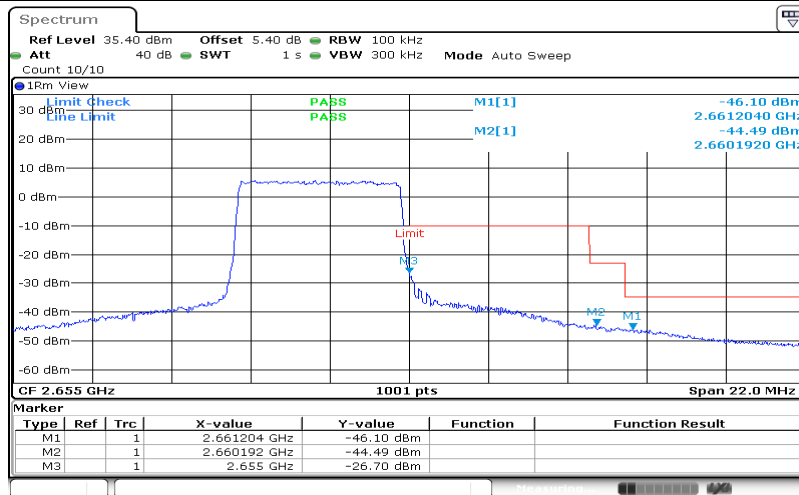
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Band41-5MHz-64QAM-41215-1RB#24



Date: 22.MAY.2020 11:31:51

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



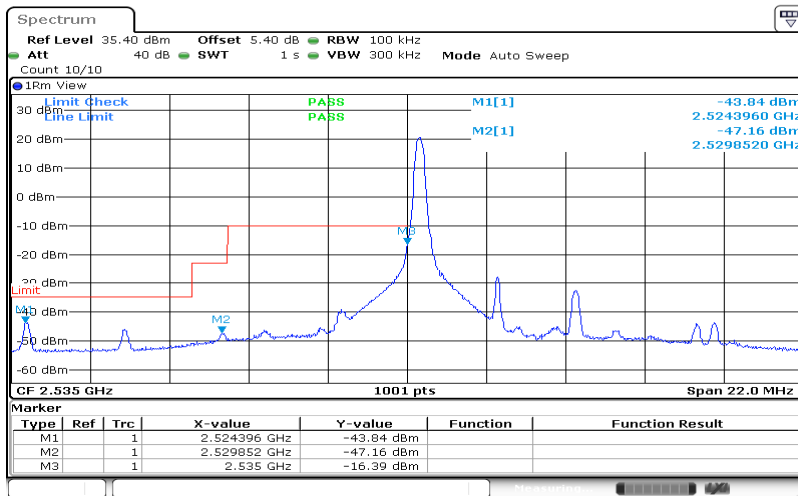
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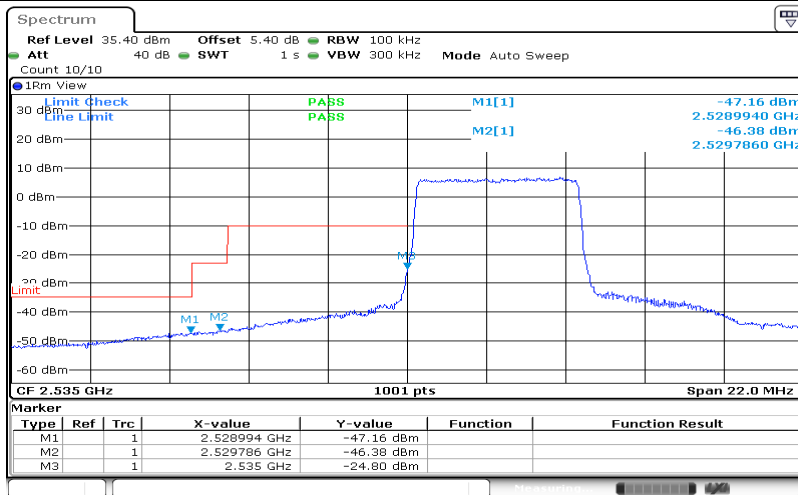
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Band41-5MHz-16QAM-40065-1RB#0



Date: 19.MAY.2020 13:43:10

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

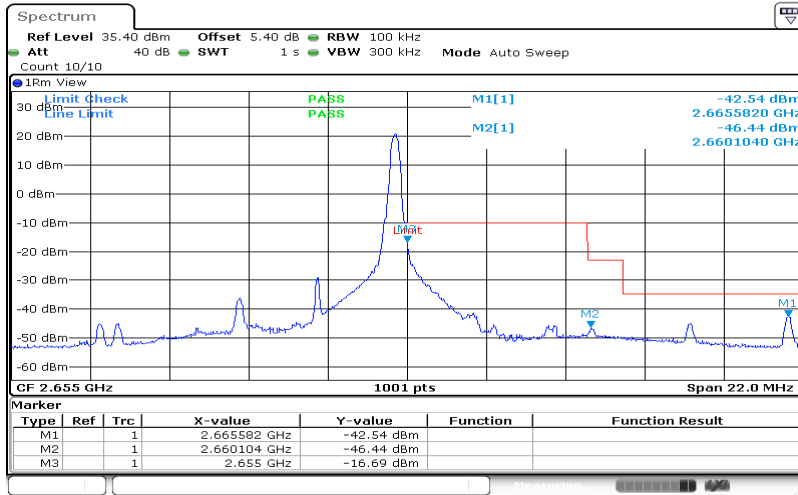


Date: 19.MAY.2020 13:44:46



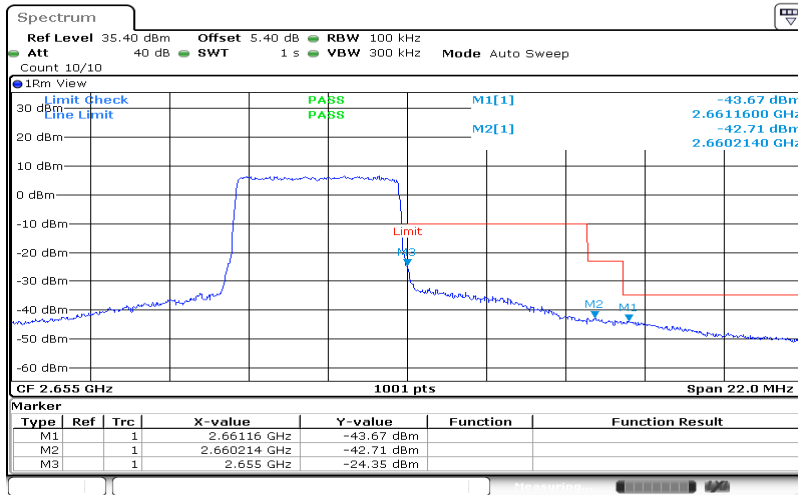
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Band41-5MHz-16QAM-41215-1RB#24



Date: 19.MAY.2020 13:43:58

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

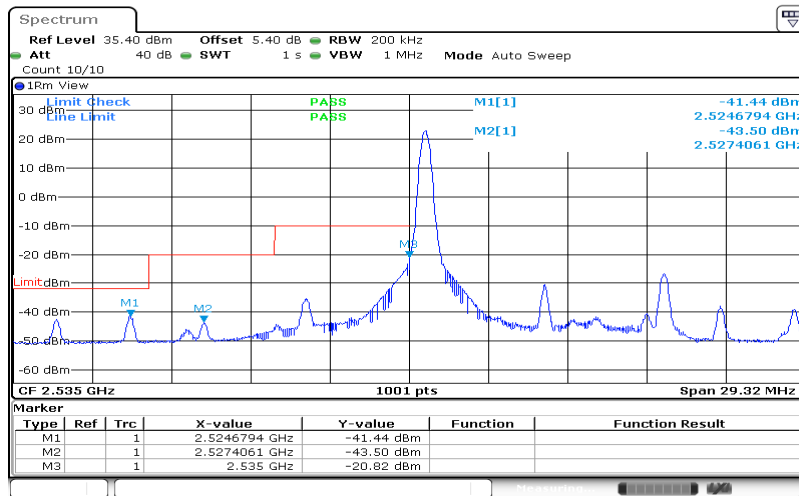


Date: 19.MAY.2020 13:45:30



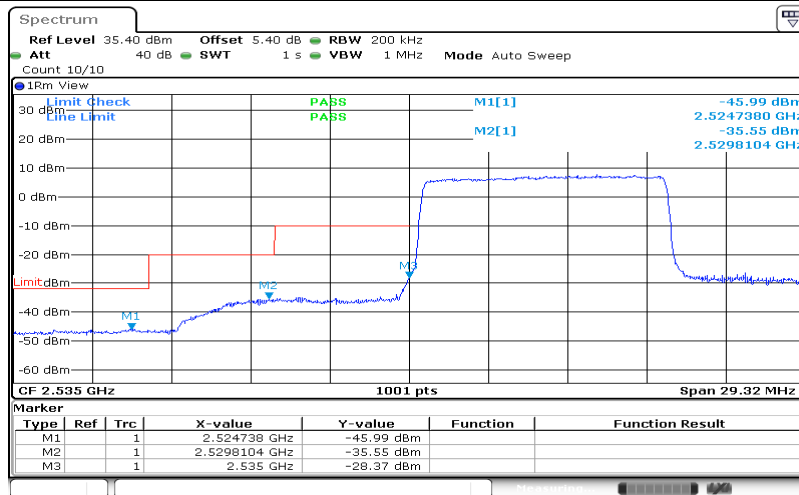
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Band41-10MHz-QPSK-40090-1RB#0



Date: 19.MAY.2020 13:45:56

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

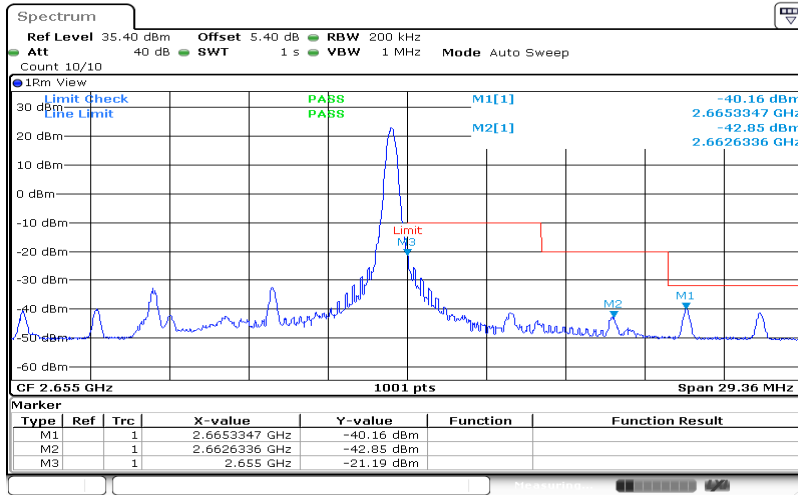


Date: 19.MAY.2020 13:47:34



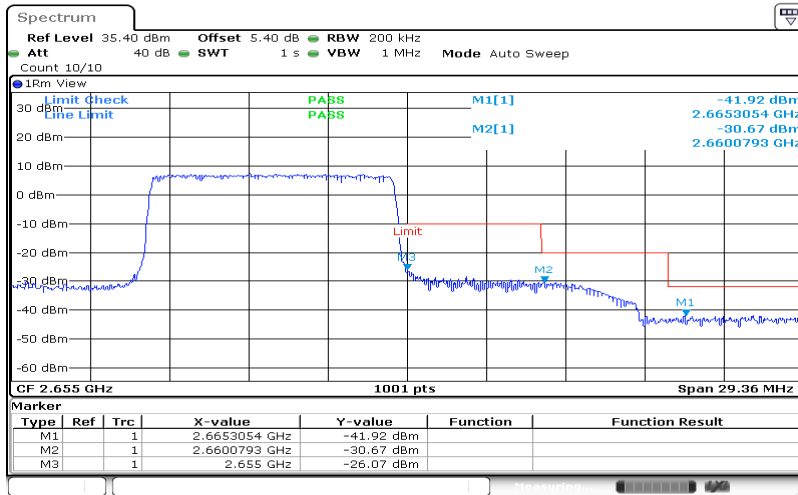
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Band41-10MHz-QPSK-41190-1RB#49



Date: 19.MAY.2020 13:46:47

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

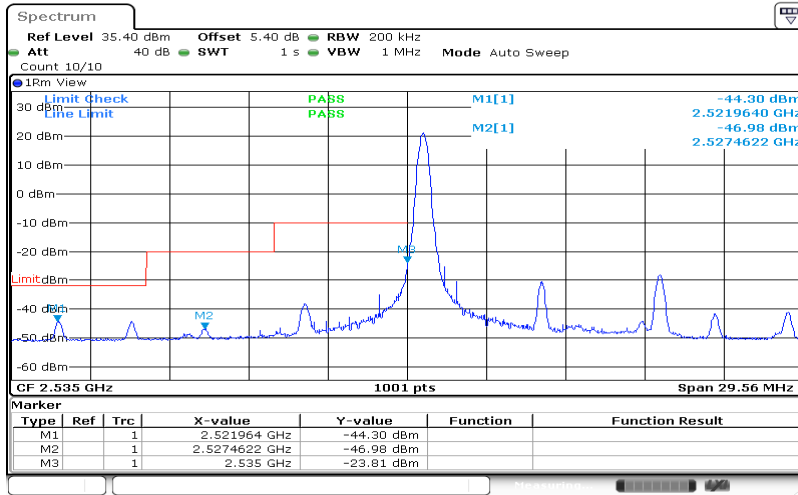


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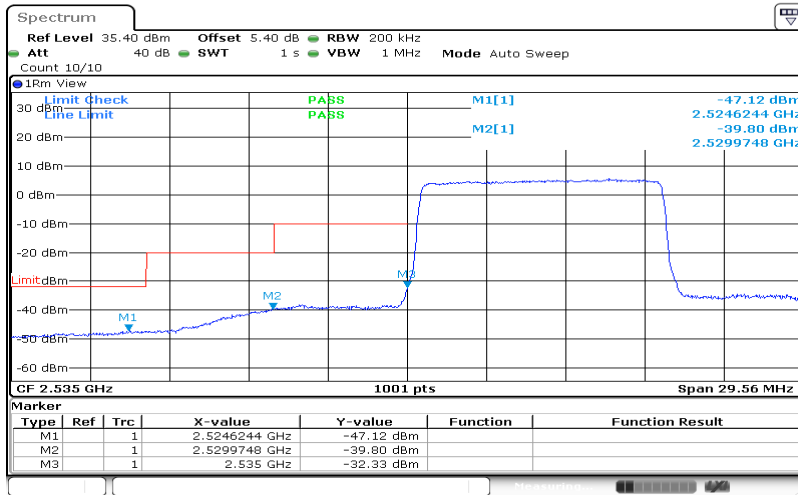
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Band41-10MHz-64QAM-40090-1RB#0



Date: 22.MAY.2020 11:33:06

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

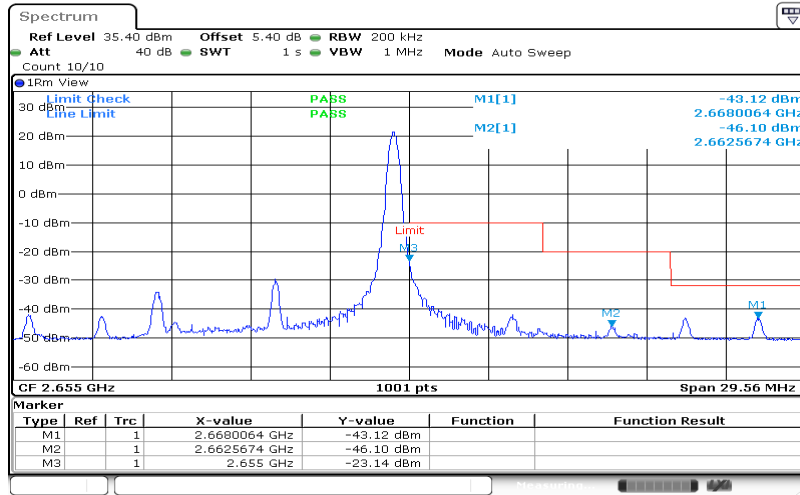


Date: 22.MAY.2020 11:33:58



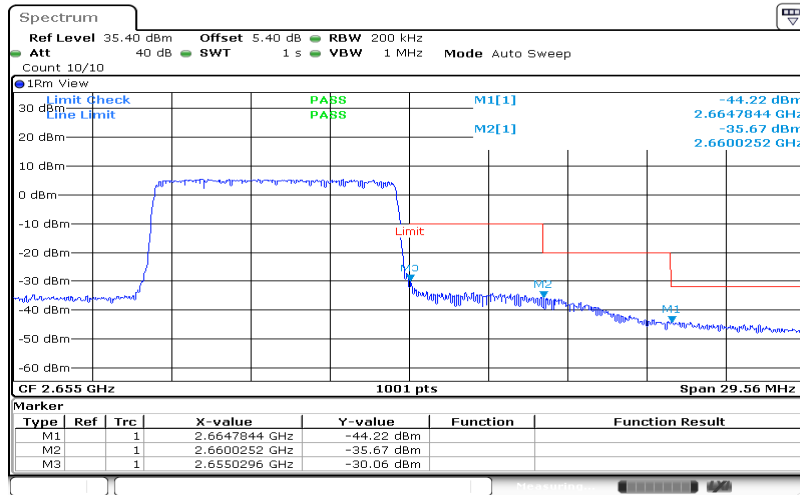
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Band41-10MHz-64QAM-41190-1RB#49



Date: 22.MAY.2020 11:33:32

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



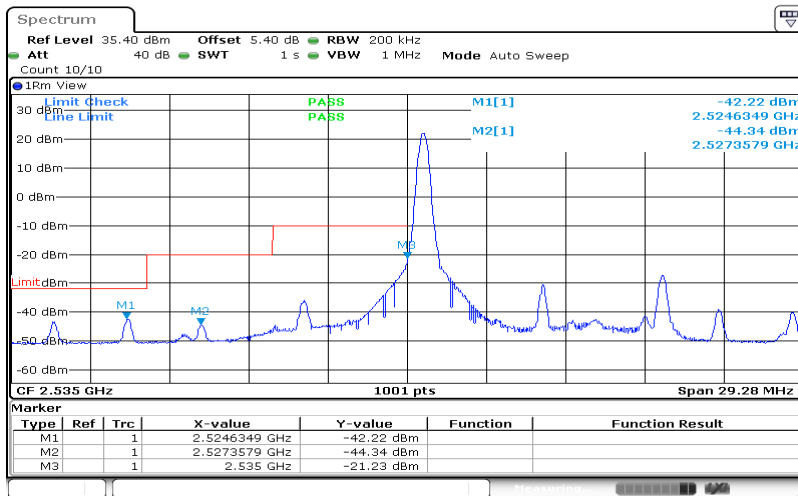
Date: 22.MAY.2020 11:34:20



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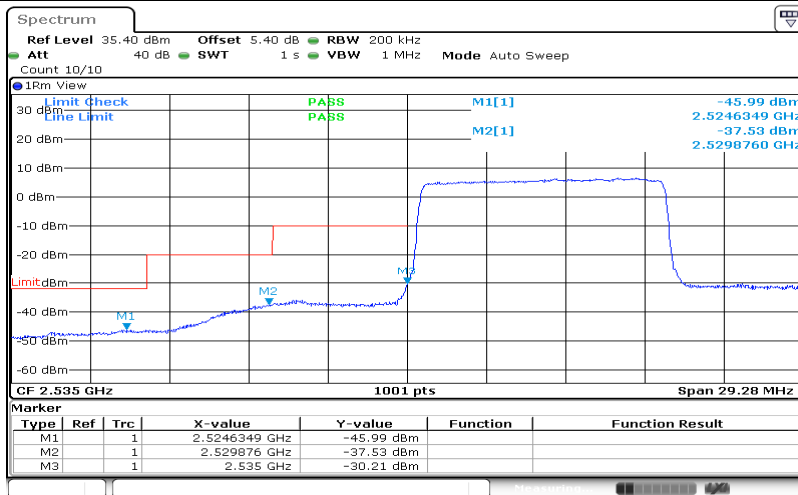
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Band41-10MHz-16QAM-40090-1RB#0



Date: 19.MAY.2020 13:46:18

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

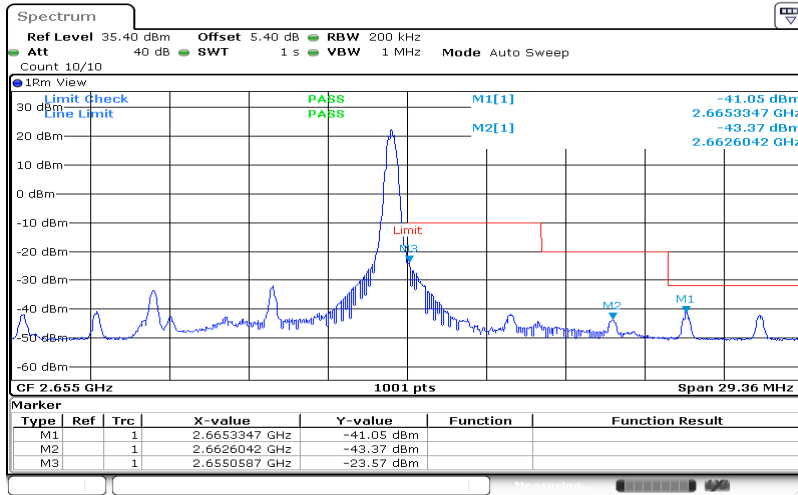


Date: 19.MAY.2020 13:47:56



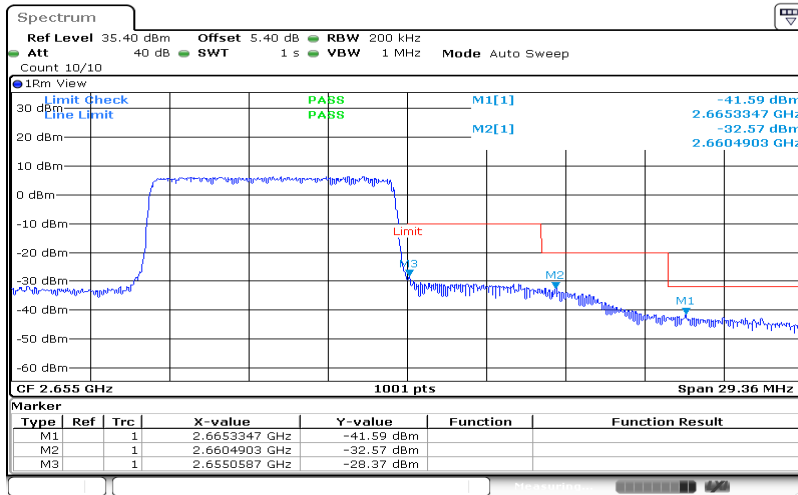
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Band41-10MHz-16QAM-41190-1RB#49



Date: 19.MAY.2020 13:47:08

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



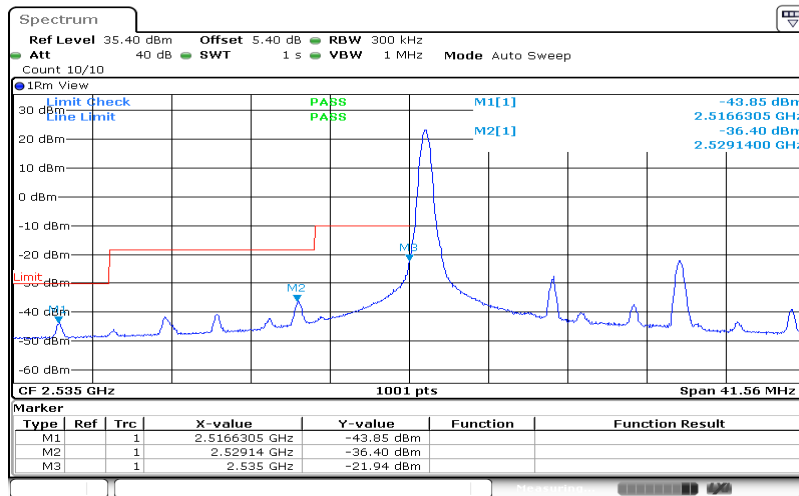
Date: 19.MAY.2020 13:48:40



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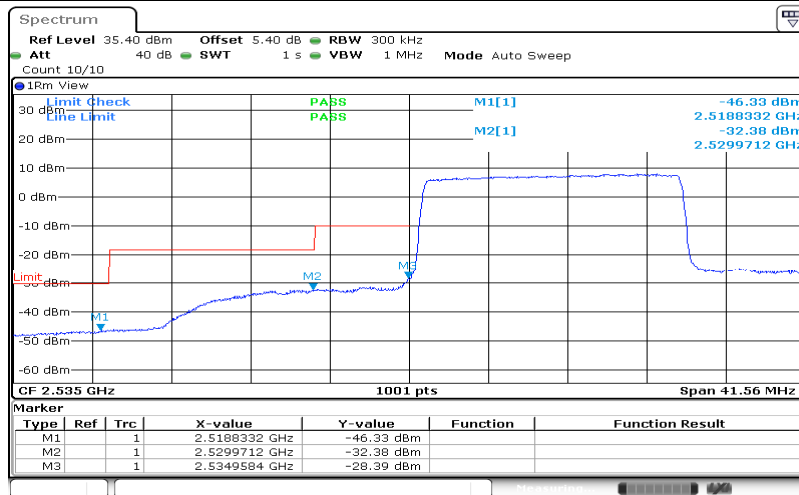
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Band41-15MHz-QPSK-40115-1RB#0



Date: 19.MAY.2020 13:49:06

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

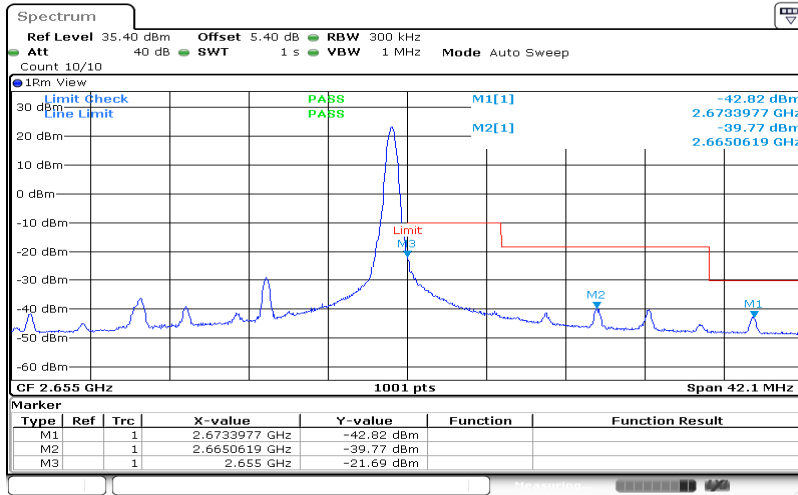


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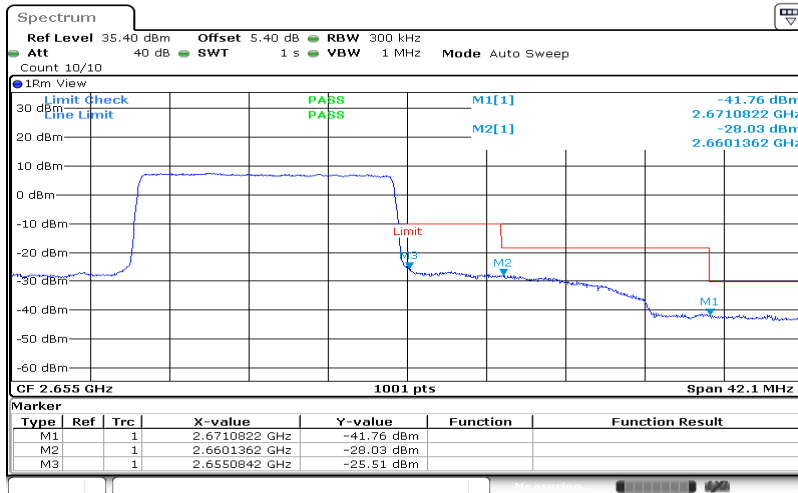
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Band41-15MHz-QPSK-41165-1RB#74



Date: 19.MAY.2020 13:49:54

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

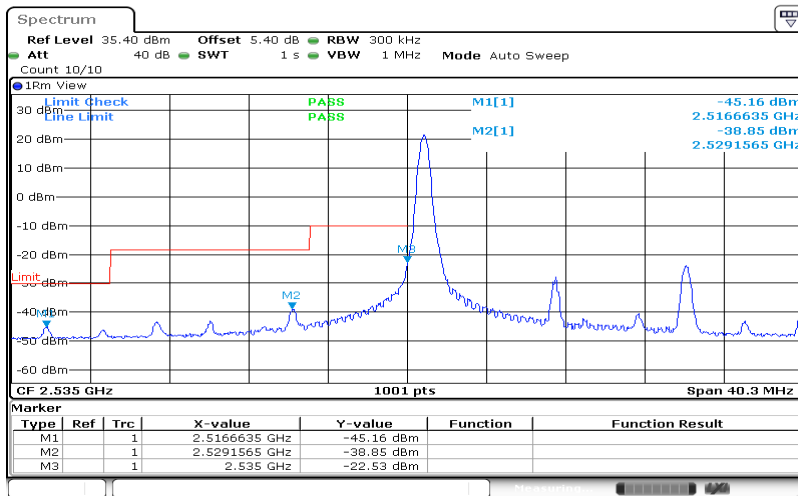


Date: 19.MAY.2020 13:51:25



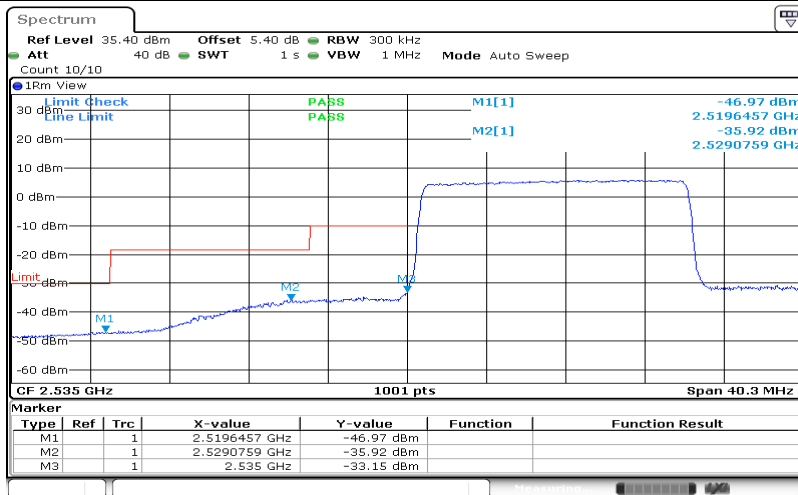
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Band41-15MHz-64QAM-40115-1RB#0



Date: 22.MAY.2020 11:34:47

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

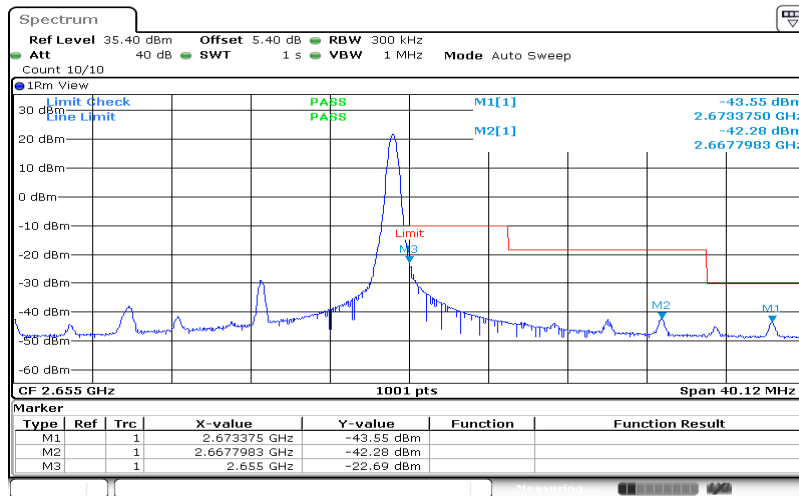


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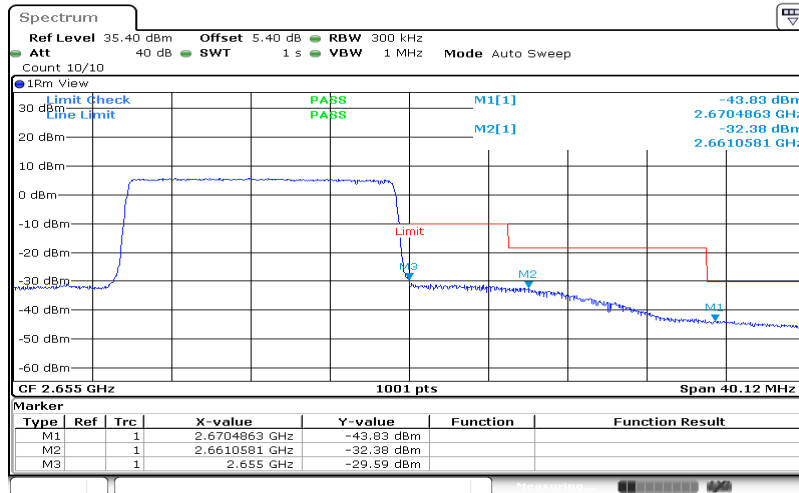
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Band41-15MHz-64QAM-41165-1RB#74



Date: 22.MAY.2020 11:35:13

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

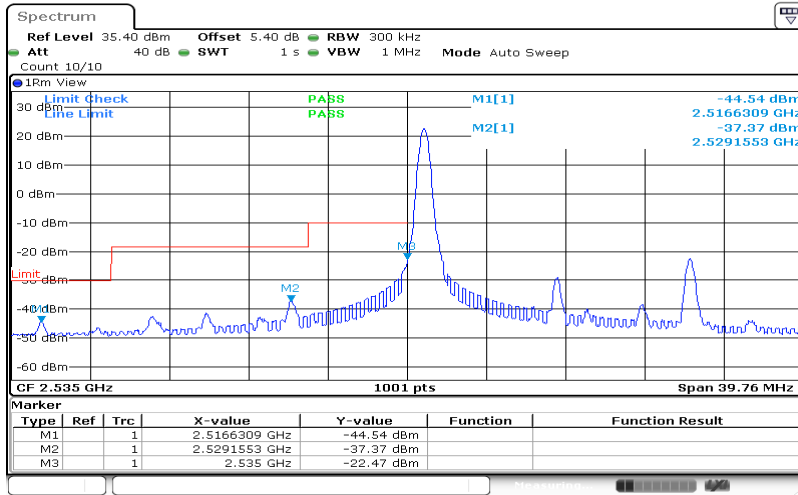


Date: 22.MAY.2020 11:36:01



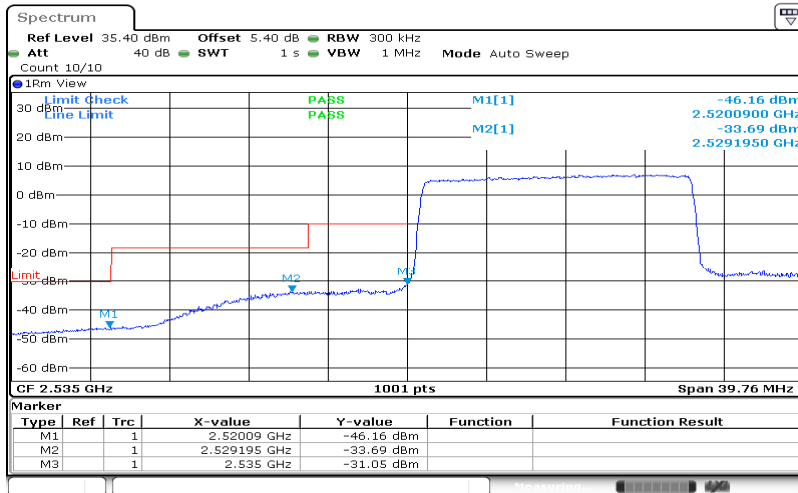
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Band41-15MHz-16QAM-40115-1RB#0



Date: 19.MAY.2020 13:49:28

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

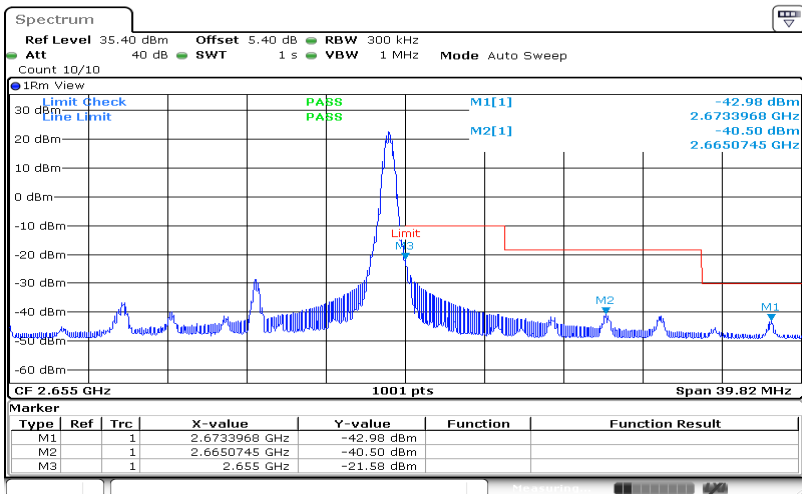


Date: 19.MAY.2020 13:51:03



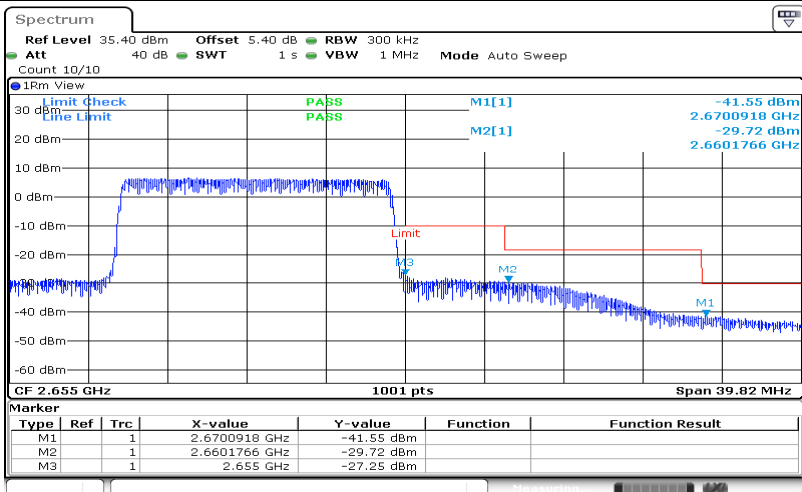
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Band41-15MHz-16QAM-41165-1RB#74



Date: 19.MAY.2020 13:50:15

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



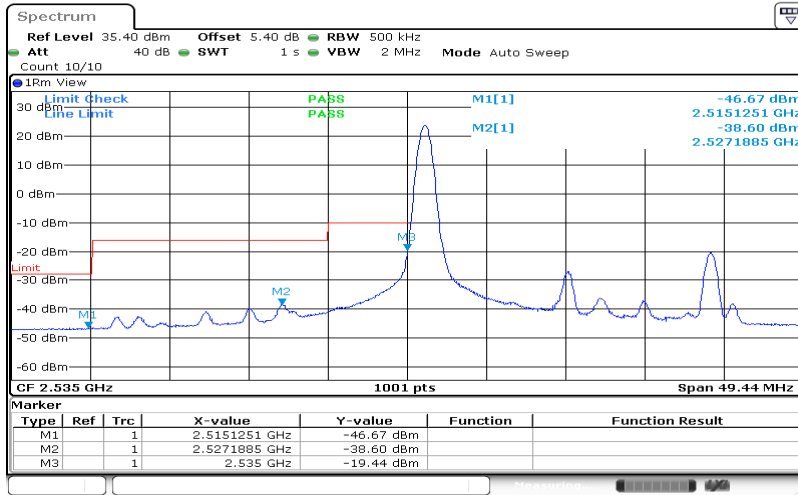
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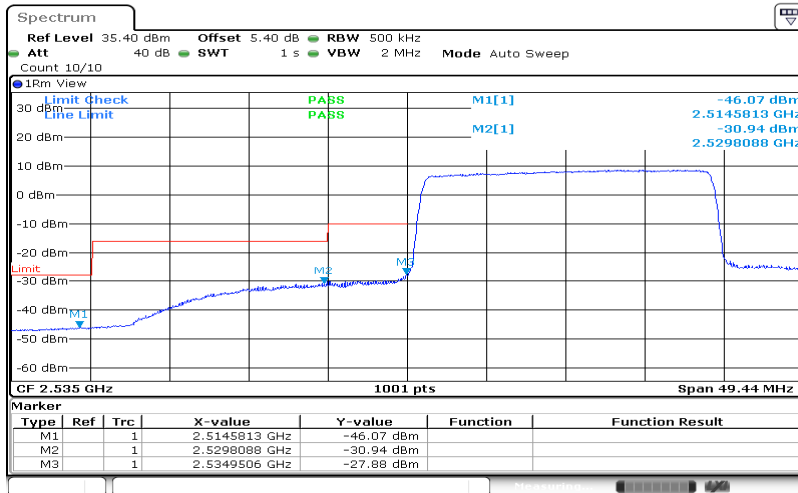
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Band41-20MHz-QPSK-40140-1RB#0



Date: 19.MAY.2020 13:52:13

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

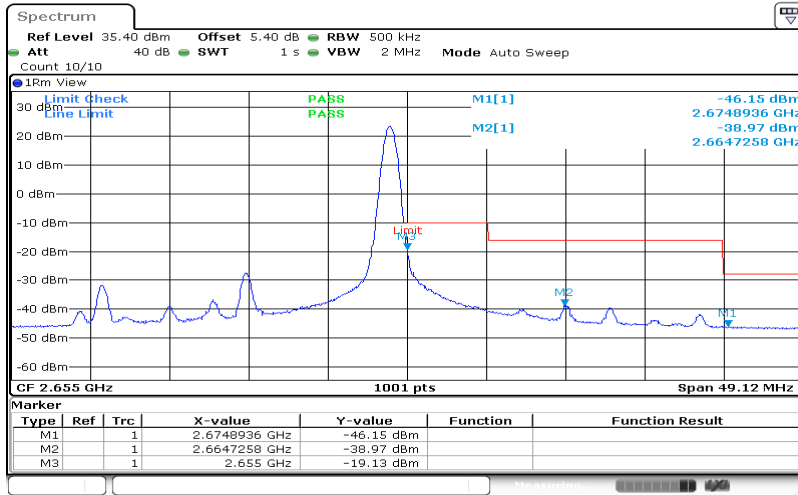


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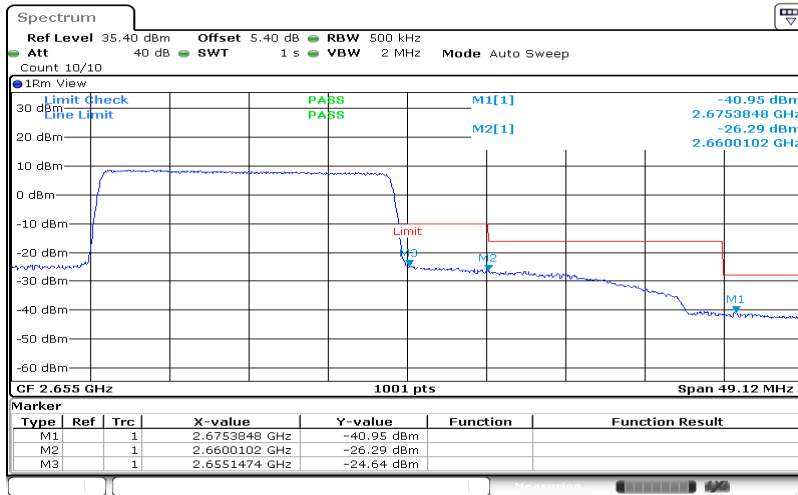
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Date: 19.MAY.2020 13:53:00

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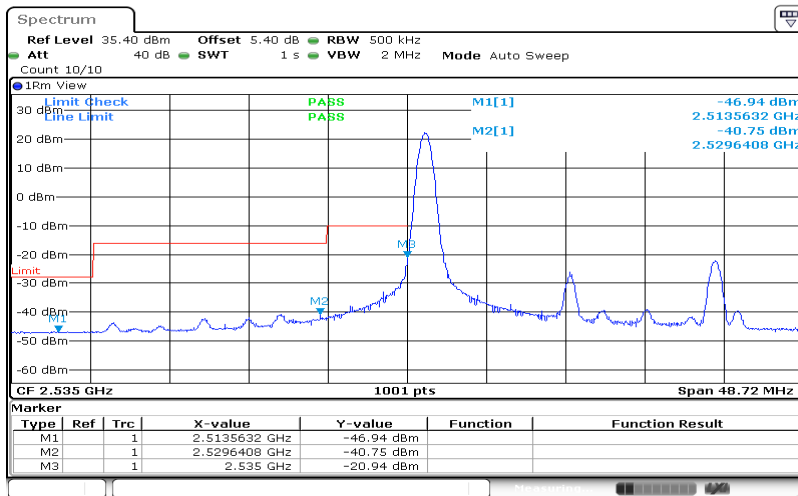
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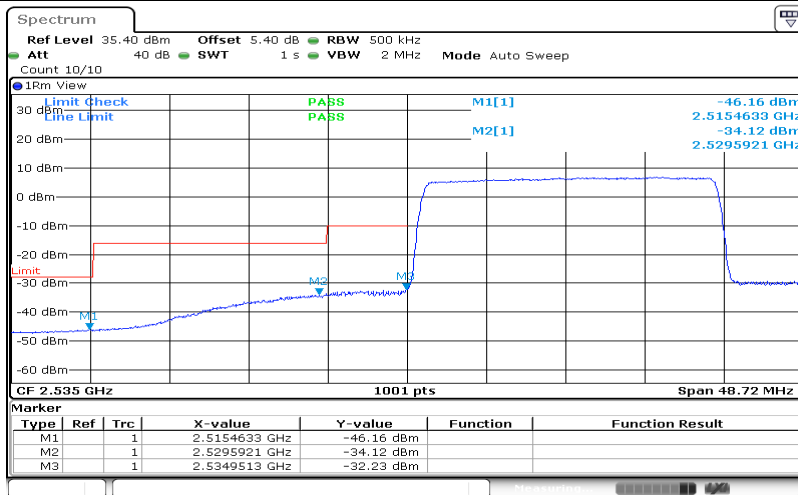
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Band41-20MHz-64QAM-40140-1RB#0



Date: 22.MAY.2020 11:36:28

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

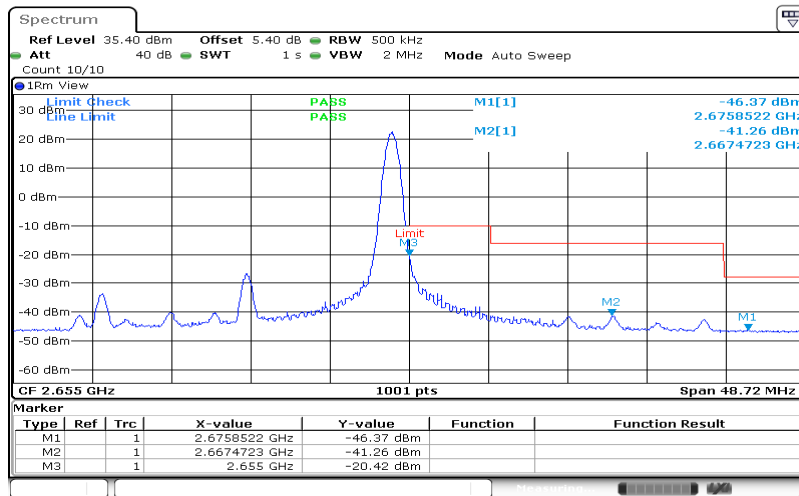


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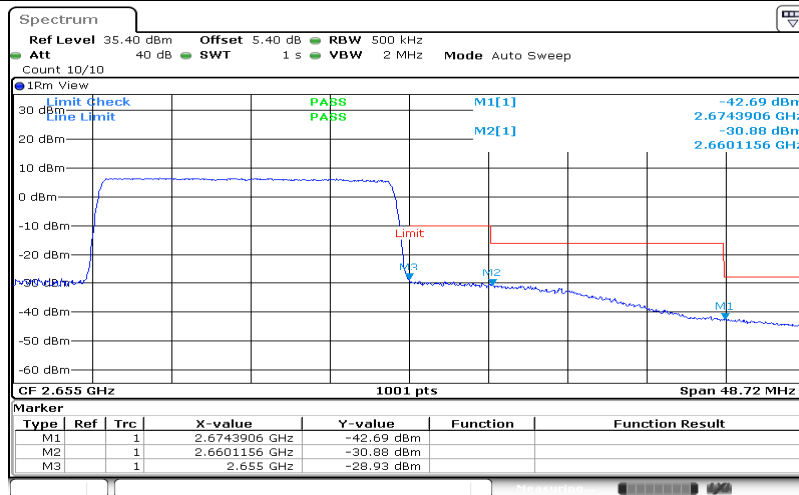
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Band41-20MHz-64QAM-41140-1RB#99



Date: 22.MAY.2020 11:36:54

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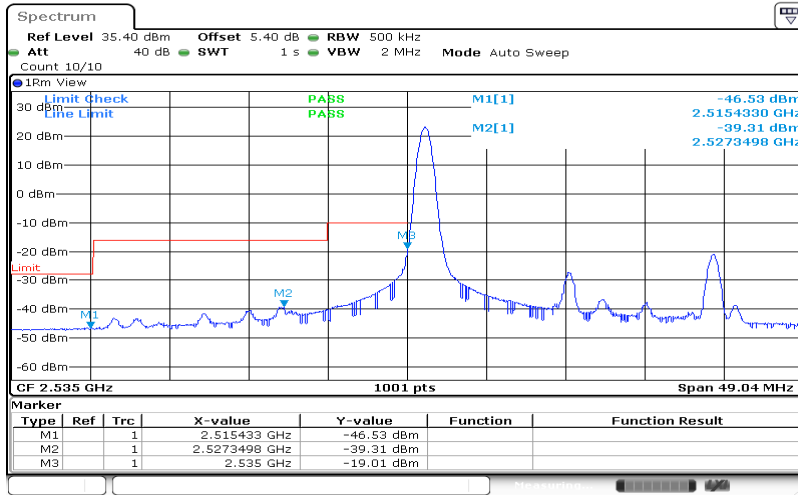
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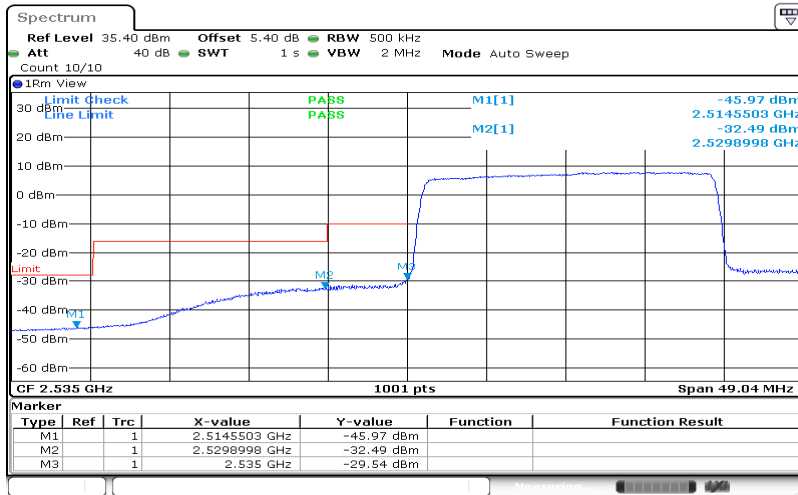
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Band41-20MHz-16QAM-40140-1RB#0



Date: 19.MAY.2020 13:52:34

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

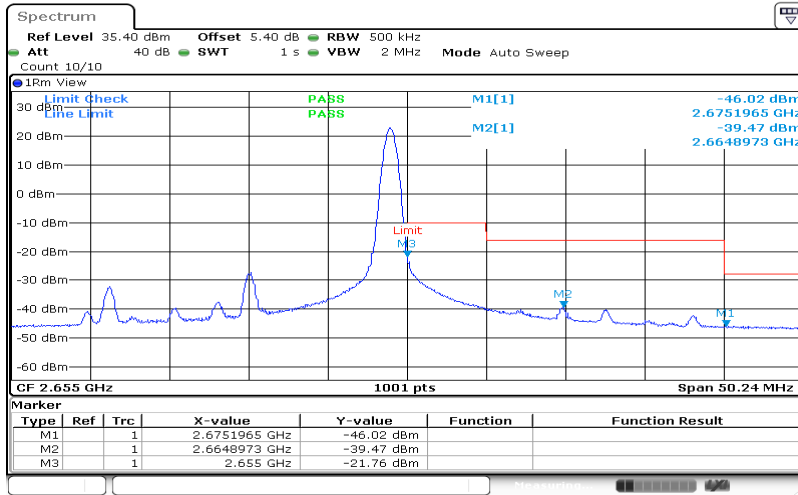


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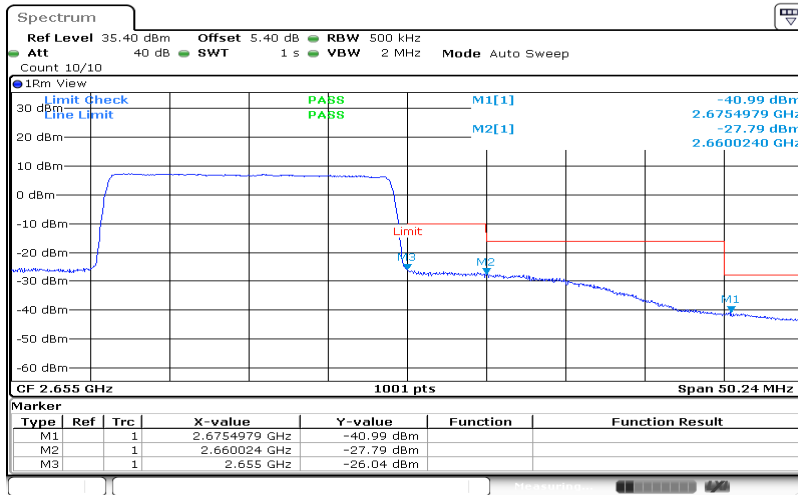
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Band41-20MHz-16QAM-41140-1RB#99



Date: 19.MAY.2020 13:53:22

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



Date: 19.MAY.2020 13:54:53



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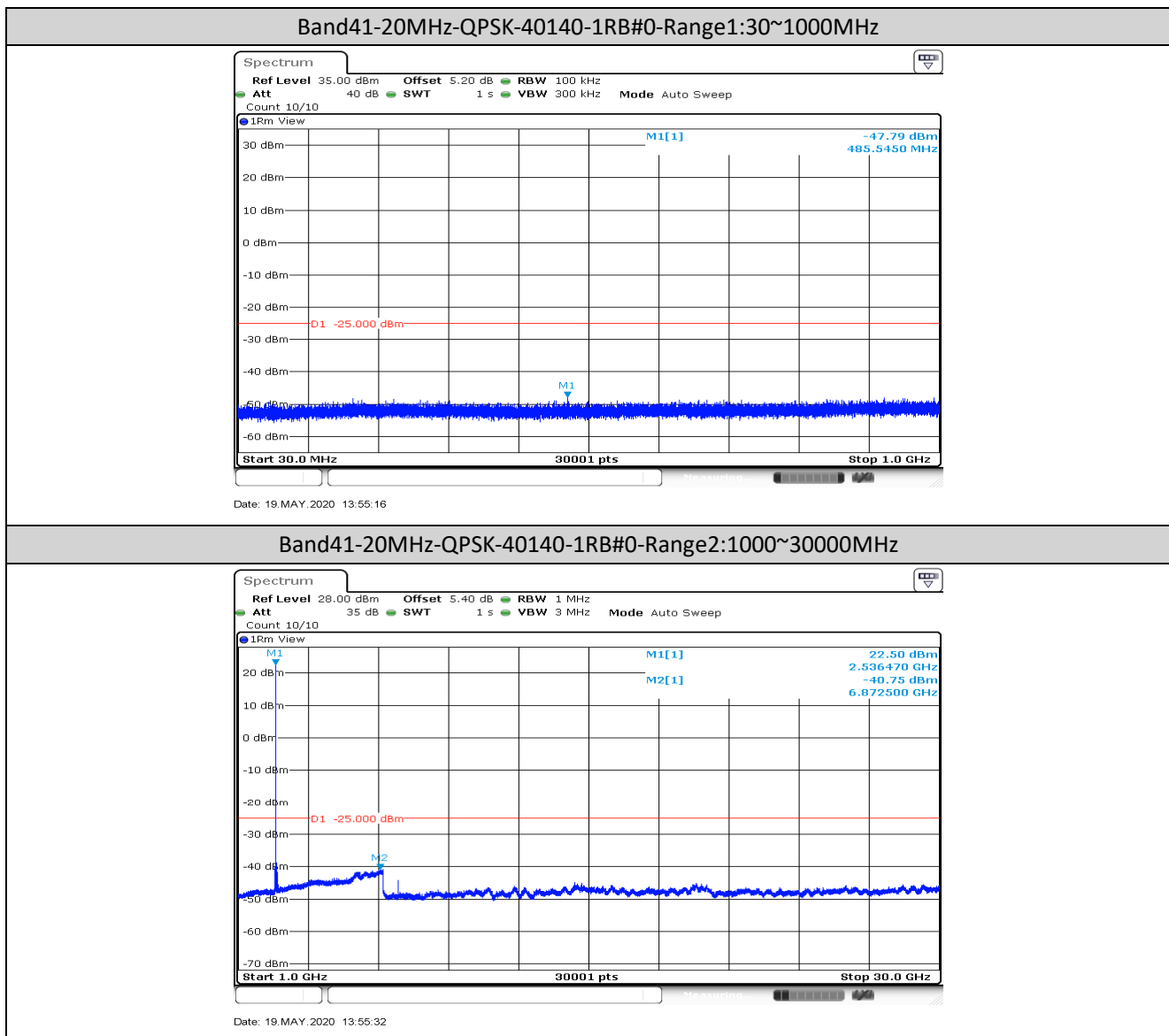
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6. Spurious Emission at Antenna Terminal

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.

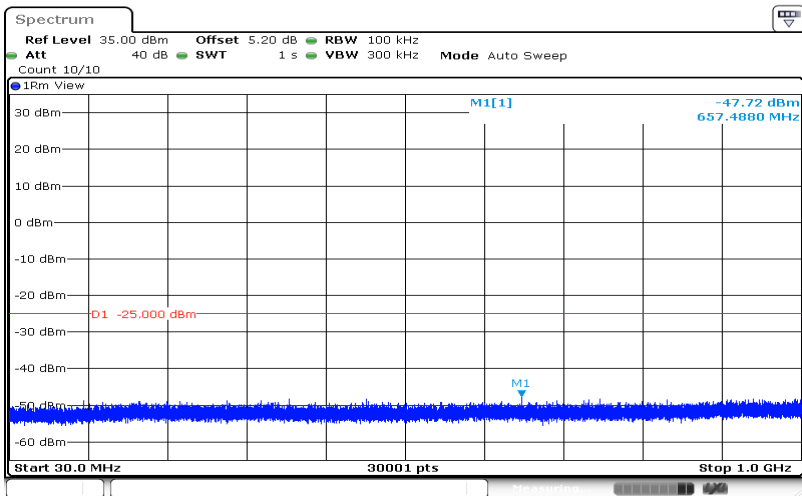
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



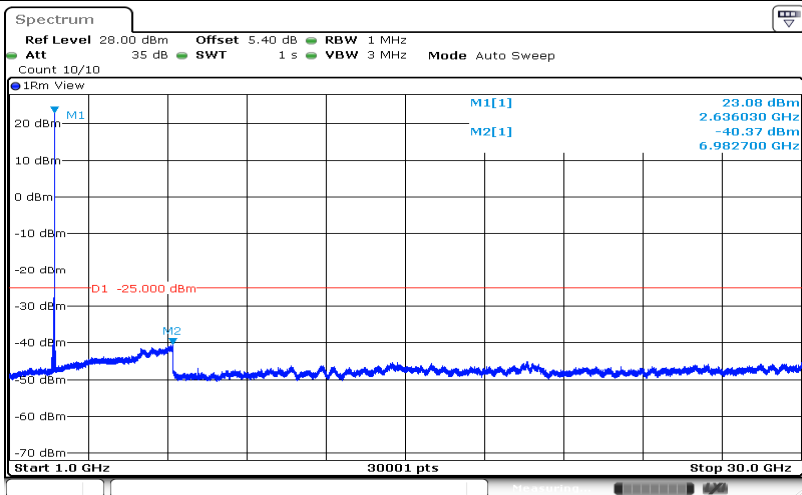
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Band41-20MHz-QPSK-41140-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:57:37

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

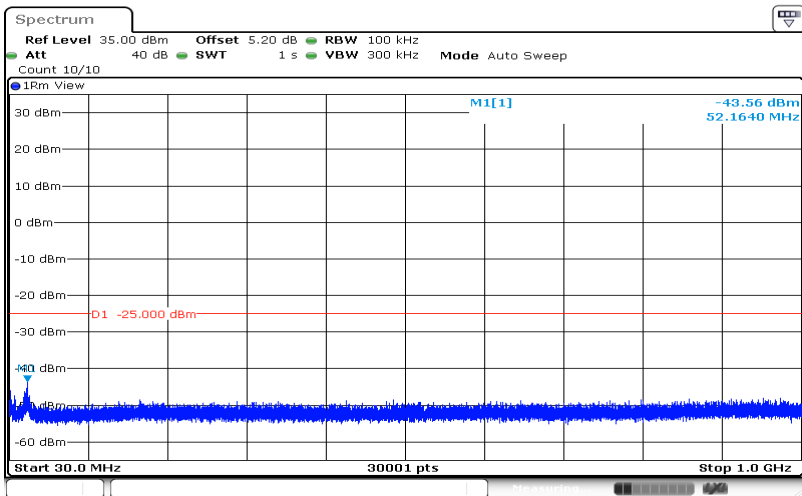


Date: 19.MAY.2020 13:57:53



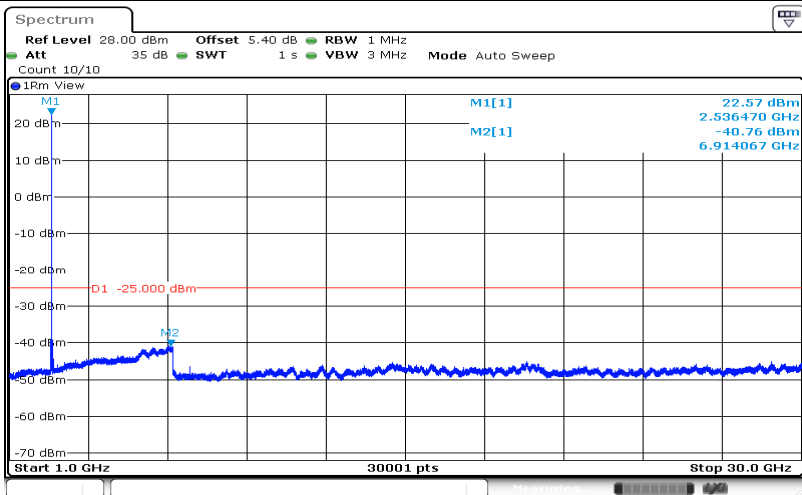
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Band41-20MHz-64QAM-40140-1RB#0-Range1:30~1000MHz



Date: 22.MAY.2020 11:38:06

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

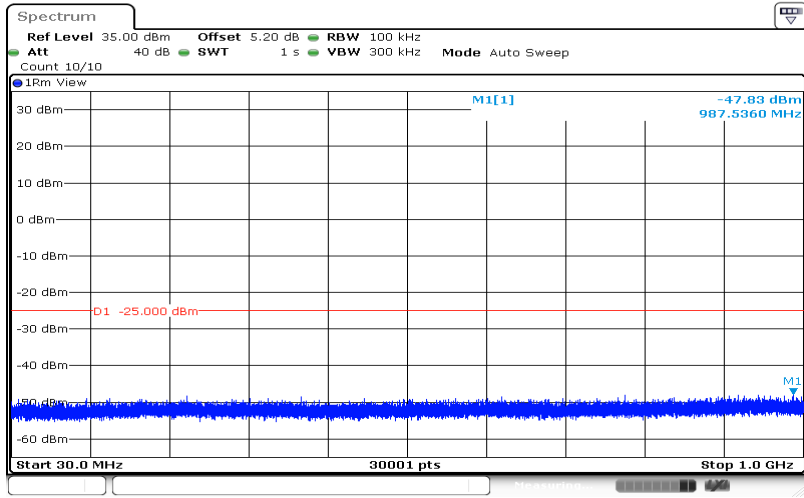


Date: 22.MAY.2020 11:38:22



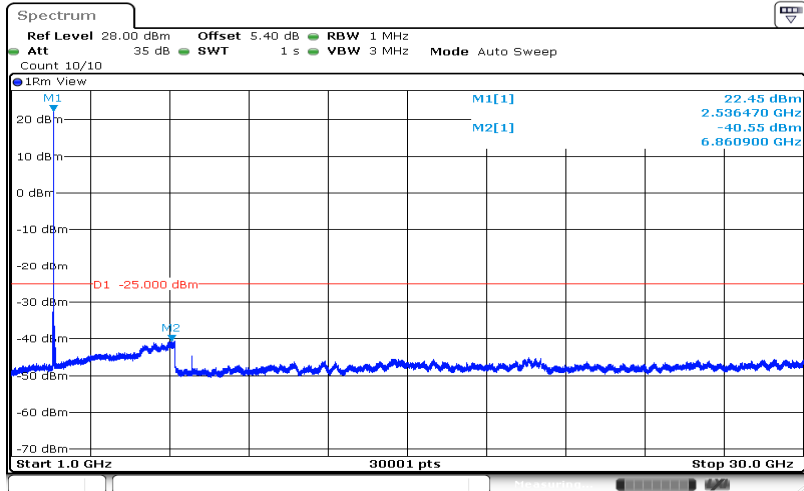
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Band41-20MHz-16QAM-40140-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:55:51

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

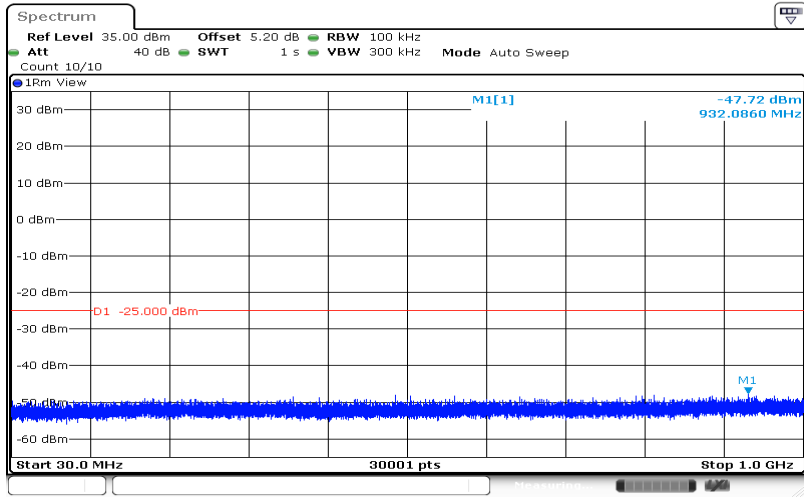


Date: 19.MAY.2020 13:56:08



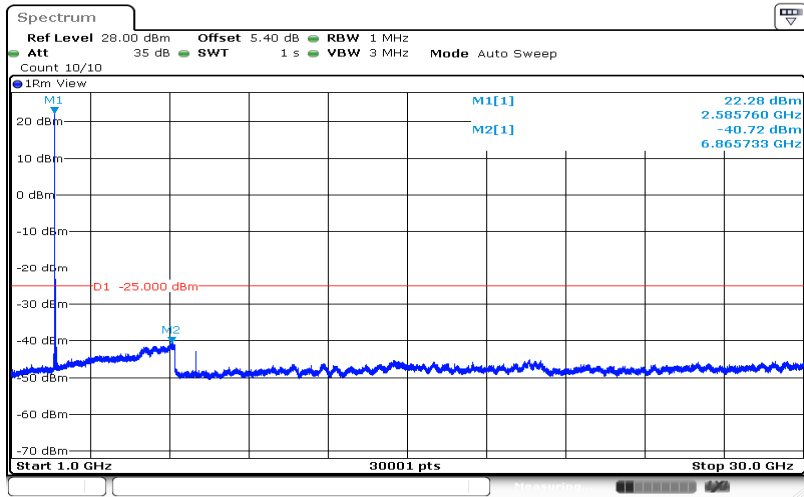
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Band41-20MHz-16QAM-40640-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 13:57:02

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



Date: 19.MAY.2020 13:57:18



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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
118.8564	-65.07	-25.00	40.07	Vertical
1785.7572	-43.83	-25.00	18.83	Vertical
5072.0691	-54.37	-25.00	29.37	Vertical
7608.6536	-51.83	-25.00	26.83	Vertical
14478.3826	-46.94	-25.00	21.94	Vertical
17996.4999	-39.78	-25.00	14.78	Vertical
40.2340	-65.16	-25.00	40.16	Horizontal
704.9597	-64.08	-25.00	39.08	Horizontal
1785.7572	-43.61	-25.00	18.61	Horizontal
5072.0691	-57.09	-25.00	32.09	Horizontal
10581.7527	-51.86	-25.00	26.86	Horizontal
16397.4466	-43.81	-25.00	18.81	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.3500	-65.22	-25.00	40.22	Vertical
1784.5569	-44.08	-25.00	19.08	Vertical
5168.0723	-54.19	-25.00	29.19	Vertical
7752.6584	-48.96	-25.00	23.96	Vertical
14473.8825	-47.50	-25.00	22.50	Vertical
17981.4994	-39.86	-25.00	14.86	Vertical
44.9387	-64.21	-25.00	39.21	Horizontal
611.9806	-64.14	-25.00	39.14	Horizontal
1795.3591	-43.37	-25.00	18.37	Horizontal
5168.5723	-57.83	-25.00	32.83	Horizontal
7752.1584	-53.02	-25.00	28.02	Horizontal
16409.9470	-43.62	-25.00	18.62	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
106.0033	-65.78	-25.00	40.78	Vertical
1802.1604	-43.92	-25.00	18.92	Vertical
5272.0757	-51.27	-25.00	26.27	Vertical
7908.1636	-47.42	-25.00	22.42	Vertical
10544.2515	-46.78	-25.00	21.78	Vertical
17927.4976	-41.50	-25.00	16.50	Vertical
43.6777	-64.70	-25.00	39.70	Horizontal
497.0299	-66.22	-25.00	41.22	Horizontal
1802.1604	-43.34	-25.00	18.34	Horizontal
5272.0757	-59.91	-25.00	34.91	Horizontal
7908.6636	-50.36	-25.00	25.36	Horizontal
16369.9457	-44.04	-25.00	19.04	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
Band41	20MHz	QPSK	40140	100RB#0	VL	NT	-2.00	-0.000786	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	VN	NT	-1.50	-0.000589	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	VH	NT	-1.70	-0.000668	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VL	NT	-4.30	-0.001657	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VN	NT	-4.20	-0.001618	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	VH	NT	-3.10	-0.001195	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VL	NT	2.30	0.000870	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VN	NT	-0.30	-0.000113	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	VH	NT	-0.60	-0.000227	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	VL	NT	-0.10	-0.000039	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	VN	NT	-2.70	-0.001061	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	VH	NT	-4.30	-0.001690	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	VL	NT	-2.70	-0.001040	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	VN	NT	-8.10	-0.003121	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	VH	NT	-8.20	-0.003160	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	VL	NT	-5.80	-0.002193	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	VN	NT	2.00	0.000756	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	VH	NT	-1.50	-0.000567	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VL	NT	0.20	0.000079	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VN	NT	-1.60	-0.000629	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	VH	NT	-1.30	-0.000511	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VL	NT	-6.10	-0.002351	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VN	NT	-6.20	-0.002389	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	VH	NT	-5.30	-0.002042	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VL	NT	-1.50	-0.000567	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VN	NT	1.10	0.000416	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	VH	NT	1.60	0.000605	±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
Band41	20MHz	QPSK	40140	100RB#0	NV	-30	-0.60	-0.000236	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	-20	-0.90	-0.000354	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	0	-3.40	-0.001336	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	10	1.70	0.000668	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	20	-0.70	-0.000275	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	30	-1.70	-0.000668	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	40	-2.00	-0.000786	±2.5	PASS
Band41	20MHz	QPSK	40140	100RB#0	NV	50	-3.70	-0.001454	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-30	-5.30	-0.002042	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	-20	-6.60	-0.002543	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	0	-7.20	-0.002775	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	10	-3.80	-0.001464	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	20	-3.60	-0.001387	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	30	-4.70	-0.001811	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	40	-2.30	-0.000886	±2.5	PASS
Band41	20MHz	QPSK	40640	100RB#0	NV	50	-5.90	-0.002274	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-30	1.60	0.000605	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	-20	1.10	0.000416	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	0	0.60	0.000227	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	10	-0.80	-0.000302	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	20	0.60	0.000227	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	30	2.20	0.000832	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	40	-1.50	-0.000567	±2.5	PASS
Band41	20MHz	QPSK	41140	100RB#0	NV	50	-0.70	-0.000265	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	-30	-2.80	-0.001100	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	-20	-3.80	-0.001493	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	0	-3.10	-0.001218	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	10	-0.90	-0.000354	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	20	-3.40	-0.001336	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	30	-0.90	-0.000354	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	40	0.20	0.000079	±2.5	PASS
Band41	20MHz	64QAM	40140	100RB#0	NV	50	-0.90	-0.000354	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	-30	-7.50	-0.002890	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	-20	-6.00	-0.002312	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	0	-5.50	-0.002119	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	10	-3.60	-0.001387	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	20	-7.10	-0.002736	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	30	-7.40	-0.002852	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	40	-3.20	-0.001233	±2.5	PASS
Band41	20MHz	64QAM	40640	100RB#0	NV	50	-4.80	-0.001850	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	-30	0.10	0.000038	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	-20	0.70	0.000265	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	0	-0.90	-0.000340	±2.5	PASS



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Band41	20MHz	64QAM	41140	100RB#0	NV	10	0.70	0.000265	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	20	-0.20	-0.000076	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	30	0.50	0.000189	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	40	-2.20	-0.000832	±2.5	PASS
Band41	20MHz	64QAM	41140	100RB#0	NV	50	-1.30	-0.000491	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-30	0.20	0.000079	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	-20	1.50	0.000589	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	0	-2.70	-0.001061	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	10	-3.60	-0.001415	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	20	-1.40	-0.000550	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	30	-1.20	-0.000472	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	40	-0.10	-0.000039	±2.5	PASS
Band41	20MHz	16QAM	40140	100RB#0	NV	50	0.30	0.000118	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-30	-4.00	-0.001541	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	-20	-4.80	-0.001850	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	0	-3.30	-0.001272	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	10	-6.20	-0.002389	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	20	-4.70	-0.001811	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	30	-5.20	-0.002004	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	40	-5.00	-0.001927	±2.5	PASS
Band41	20MHz	16QAM	40640	100RB#0	NV	50	-4.20	-0.001618	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-30	-2.50	-0.000945	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	0	1.20	0.000454	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	10	1.60	0.000605	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	20	-0.30	-0.000113	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	30	-1.00	-0.000378	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	40	-0.40	-0.000151	±2.5	PASS
Band41	20MHz	16QAM	41140	100RB#0	NV	50	-0.40	-0.000151	±2.5	PASS



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