



Appendix B

E-UTRA Band 41



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	25.13	22.13	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.03	22.03	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.95	21.95	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	24.13	21.13	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	24.27	21.27	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	24.23	21.23	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.89	20.89	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.95	21.95	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	25.03	22.03	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	25.03	22.03	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	24.06	21.06	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	24.15	21.15	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	24.06	21.06	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.08	21.08	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.80	21.80	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	24.87	21.87	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.05	22.05	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.26	21.26	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.97	20.97	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.97	20.97	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.27	21.27	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	24.06	21.06	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.09	21.09	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	24.12	21.12	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	23.14	20.14	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	23.00	20.00	33.00	PASS



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Band41	5MHz	16QAM	39675	12RB#13	22.94	19.94	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.29	20.29	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.12	21.12	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	24.22	21.22	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.21	21.21	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	23.03	20.03	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	23.13	20.13	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	23.09	20.09	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	23.09	20.09	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.26	21.26	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.12	21.12	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.02	21.02	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.99	19.99	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	23.15	20.15	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	22.96	19.96	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.29	20.29	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	22.67	19.67	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	22.69	19.69	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	22.68	19.68	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	21.86	18.86	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.89	18.89	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.73	18.73	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.86	18.86	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	22.68	19.68	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	22.78	19.78	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	22.70	19.70	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.67	18.67	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.66	18.66	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	21.78	18.78	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	21.94	18.94	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	22.71	19.71	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	22.71	19.71	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	22.69	19.69	33.00	PASS



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Band41	5MHz	64QAM	41565	12RB#0	21.92	18.92	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	21.87	18.87	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	21.75	18.75	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	21.83	18.83	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.90	21.90	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.06	22.06	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.86	21.86	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	24.03	21.03	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	24.07	21.07	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	24.05	21.05	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	24.07	21.07	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.98	21.98	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.99	21.99	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	25.03	22.03	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	24.05	21.05	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	24.13	21.13	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	24.09	21.09	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.10	21.10	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.89	21.89	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.19	22.19	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.99	21.99	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.10	21.10	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.27	21.27	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	24.07	21.07	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.26	21.26	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	24.29	21.29	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	24.20	21.20	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	24.30	21.30	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	23.16	20.16	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	23.23	20.23	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	23.01	20.01	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.19	20.19	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.27	21.27	33.00	PASS



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Band41	10MHz	16QAM	40620	1RB#24	24.33	21.33	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	23.05	20.05	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	23.15	20.15	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	23.09	20.09	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.08	20.08	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.31	21.31	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.47	21.47	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.52	21.52	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	23.24	20.24	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.00	20.00	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.99	19.99	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.97	19.97	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	22.67	19.67	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	22.81	19.81	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	22.85	19.85	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	21.94	18.94	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	21.87	18.87	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	21.71	18.71	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	21.78	18.78	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	22.92	19.92	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	22.77	19.77	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	22.85	19.85	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.93	18.93	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	21.85	18.85	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.93	18.93	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.80	18.80	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	22.81	19.81	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	22.75	19.75	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	22.93	19.93	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.93	18.93	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.86	18.86	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.83	18.83	33.00	PASS



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Band41	10MHz	64QAM	41540	50RB#0	21.73	18.73	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.64	21.64	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.77	21.77	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.10	22.10	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	23.93	20.93	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	24.17	21.17	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	24.22	21.22	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.98	20.98	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.74	21.74	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.90	21.90	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.97	21.97	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	24.04	21.04	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	24.08	21.08	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	24.08	21.08	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.10	21.10	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	24.73	21.73	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.84	21.84	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	24.88	21.88	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	23.94	20.94	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	24.17	21.17	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	24.00	21.00	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.17	21.17	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.20	21.20	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.09	21.09	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.33	21.33	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	23.22	20.22	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	23.11	20.11	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	23.16	20.16	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.10	20.10	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.30	21.30	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.19	21.19	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.34	21.34	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	23.08	20.08	33.00	PASS



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Band41	15MHz	16QAM	40620	36RB#0	23.12	20.12	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	23.11	20.11	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.10	20.10	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.43	21.43	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.15	21.15	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.23	21.23	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	23.09	20.09	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	22.95	19.95	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	23.08	20.08	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.27	20.27	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	22.76	19.76	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	22.81	19.81	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	22.84	19.84	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	21.91	18.91	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	21.65	18.65	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	21.65	18.65	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	21.69	18.69	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	22.71	19.71	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	22.90	19.90	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	22.64	19.64	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	21.69	18.69	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	21.85	18.85	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	21.70	18.70	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.81	18.81	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	22.86	19.86	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	22.64	19.64	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	22.88	19.88	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	21.67	18.67	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	21.70	18.70	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	21.87	18.87	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	21.70	18.70	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.16	22.16	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.03	22.03	33.00	PASS



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Band41	20MHz	QPSK	39750	1RB#99	25.06	22.06	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	24.31	21.31	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	24.28	21.28	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	24.25	21.25	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.28	21.28	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.19	22.19	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.93	21.93	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.03	22.03	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	24.12	21.12	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	24.19	21.19	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	24.14	21.14	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.15	21.15	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.10	22.10	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.01	22.01	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.03	22.03	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	24.18	21.18	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	24.13	21.13	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.19	21.19	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.15	21.15	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.45	21.45	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.33	21.33	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.32	21.32	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	23.29	20.29	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	23.29	20.29	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	23.26	20.26	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.30	20.30	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.41	21.41	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.33	21.33	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.37	21.37	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	23.12	20.12	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.17	20.17	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	23.16	20.16	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.21	20.21	33.00	PASS



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Band41	20MHz	16QAM	41490	1RB#99	24.49	21.49	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.35	21.35	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.34	21.34	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	23.22	20.22	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.18	20.18	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	23.22	20.22	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.19	20.19	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	22.72	19.72	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	22.71	19.71	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	22.73	19.73	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.74	18.74	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	21.81	18.81	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	21.95	18.95	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.87	18.87	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	22.83	19.83	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	22.93	19.93	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	22.75	19.75	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.73	18.73	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	21.89	18.89	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	21.77	18.77	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	21.90	18.90	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	22.74	19.74	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	22.75	19.75	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	22.95	19.95	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	21.90	18.90	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	21.70	18.70	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.70	18.70	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	21.70	18.70	33.00	PASS



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ANT3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.79	20.79	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.54	20.54	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.46	20.46	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.77	20.77	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.72	20.72	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.78	20.78	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.66	20.66	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.66	20.66	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.33	20.33	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.64	20.64	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.58	20.58	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.67	20.67	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.51	20.51	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.59	20.59	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.49	20.49	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.48	20.48	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.10	20.10	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.28	20.28	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.32	20.32	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.27	20.27	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.19	20.19	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.73	20.73	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.71	20.71	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.65	20.65	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.73	20.73	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.66	20.66	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.63	20.63	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.70	20.70	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.75	20.75	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.68	20.68	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.45	20.45	33.00	PASS



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Band41	5MHz	16QAM	40620	12RB#13	21.46	20.46	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.55	20.55	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.53	20.53	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.58	20.58	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.57	20.57	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.39	20.39	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.44	20.44	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.25	20.25	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.27	20.27	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.19	20.19	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.20	20.20	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.30	20.30	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.24	20.24	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.32	20.32	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	21.26	20.26	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.22	20.22	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.24	20.24	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.21	20.21	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.35	20.35	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.29	20.29	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.25	20.25	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.14	20.14	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.17	20.17	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	21.25	20.25	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	21.23	20.23	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.31	20.31	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.40	20.40	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.22	20.22	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	21.43	20.43	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	21.37	20.37	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	21.46	20.46	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	21.45	20.45	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.70	20.70	33.00	PASS



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Band41	10MHz	QPSK	39700	1RB#24	21.55	20.55	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.55	20.55	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.78	20.78	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.73	20.73	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.79	20.79	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.89	20.89	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.47	20.47	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.34	20.34	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.65	20.65	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.59	20.59	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.68	20.68	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.52	20.52	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.89	20.89	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.49	20.49	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.49	20.49	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.11	20.11	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.29	20.29	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.33	20.33	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.28	20.28	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.23	20.23	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.77	20.77	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.75	20.75	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.69	20.69	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.77	20.77	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.71	20.71	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.67	20.67	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.74	20.74	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.79	20.79	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.72	20.72	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.49	20.49	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.50	20.50	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.59	20.59	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.57	20.57	33.00	PASS



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Band41	10MHz	16QAM	40620	50RB#0	21.62	20.62	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.61	20.61	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.43	20.43	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.38	20.38	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.29	20.29	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.31	20.31	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.23	20.23	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.24	20.24	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.32	20.32	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.46	20.46	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.18	20.18	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	21.44	20.44	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	21.26	20.26	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	21.20	20.20	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	21.24	20.24	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.15	20.15	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.34	20.34	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.24	20.24	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.41	20.41	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	21.34	20.34	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.32	20.32	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.46	20.46	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.35	20.35	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.40	20.40	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.40	20.40	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.32	20.32	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.31	20.31	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.30	20.30	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	21.45	20.45	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.56	20.56	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.56	20.56	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.50	20.50	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	21.79	20.79	33.00	PASS



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Band41	15MHz	QPSK	39725	36RB#18	21.74	20.74	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	21.78	20.78	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.03	21.03	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.48	20.48	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.39	20.39	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.66	20.66	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	21.60	20.60	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	21.69	20.69	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	21.53	20.53	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.93	20.93	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.40	20.40	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.46	20.46	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.12	20.12	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	21.30	20.30	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	21.40	20.40	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	21.29	20.29	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.27	20.27	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.99	20.99	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.79	20.79	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.73	20.73	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	21.81	20.81	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	21.75	20.75	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	21.71	20.71	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.78	20.78	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.00	21.00	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.76	20.76	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.53	20.53	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	21.54	20.54	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.75	20.75	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	21.61	20.61	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.66	20.66	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.65	20.65	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.47	20.47	33.00	PASS



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Band41	15MHz	16QAM	41515	1RB#74	21.42	20.42	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.33	20.33	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.35	20.35	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.27	20.27	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.22	20.22	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.43	20.43	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.31	20.31	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.32	20.32	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	21.15	20.15	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	21.45	20.45	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	21.21	20.21	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	21.28	20.28	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.23	20.23	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.41	20.41	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.38	20.38	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	21.23	20.23	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	21.24	20.24	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	21.34	20.34	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.15	20.15	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.18	20.18	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.46	20.46	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.14	20.14	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	21.35	20.35	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	21.29	20.29	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	21.32	20.32	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	21.14	20.14	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.70	20.70	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.61	20.61	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.58	20.58	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.80	20.80	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.81	20.81	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.83	20.83	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.82	20.82	33.00	PASS



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Band41	20MHz	QPSK	40620	1RB#99	21.55	20.55	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.44	20.44	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.71	20.71	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.65	20.65	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.84	20.84	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.58	20.58	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.98	20.98	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.45	20.45	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.62	20.62	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.17	20.17	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.35	20.35	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.46	20.46	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.34	20.34	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.32	20.32	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.63	20.63	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.89	20.89	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.82	20.82	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.90	20.90	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.78	20.78	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.80	20.80	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.87	20.87	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.54	20.54	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.85	20.85	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.62	20.62	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.63	20.63	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.84	20.84	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.70	20.70	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.75	20.75	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.74	20.74	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.56	20.56	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.51	20.51	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.42	20.42	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.50	20.50	33.00	PASS



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Band41	20MHz	16QAM	41490	50RB#25	21.36	20.36	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.31	20.31	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.40	20.40	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.15	20.15	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.17	20.17	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.36	20.36	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	21.35	20.35	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	21.25	20.25	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.39	20.39	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.26	20.26	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.41	20.41	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.37	20.37	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.39	20.39	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	21.35	20.35	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	21.23	20.23	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	21.29	20.29	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.17	20.17	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.46	20.46	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.34	20.34	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	21.34	20.34	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	21.29	20.29	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.14	20.14	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	21.33	20.33	33.00	PASS

Remark:

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

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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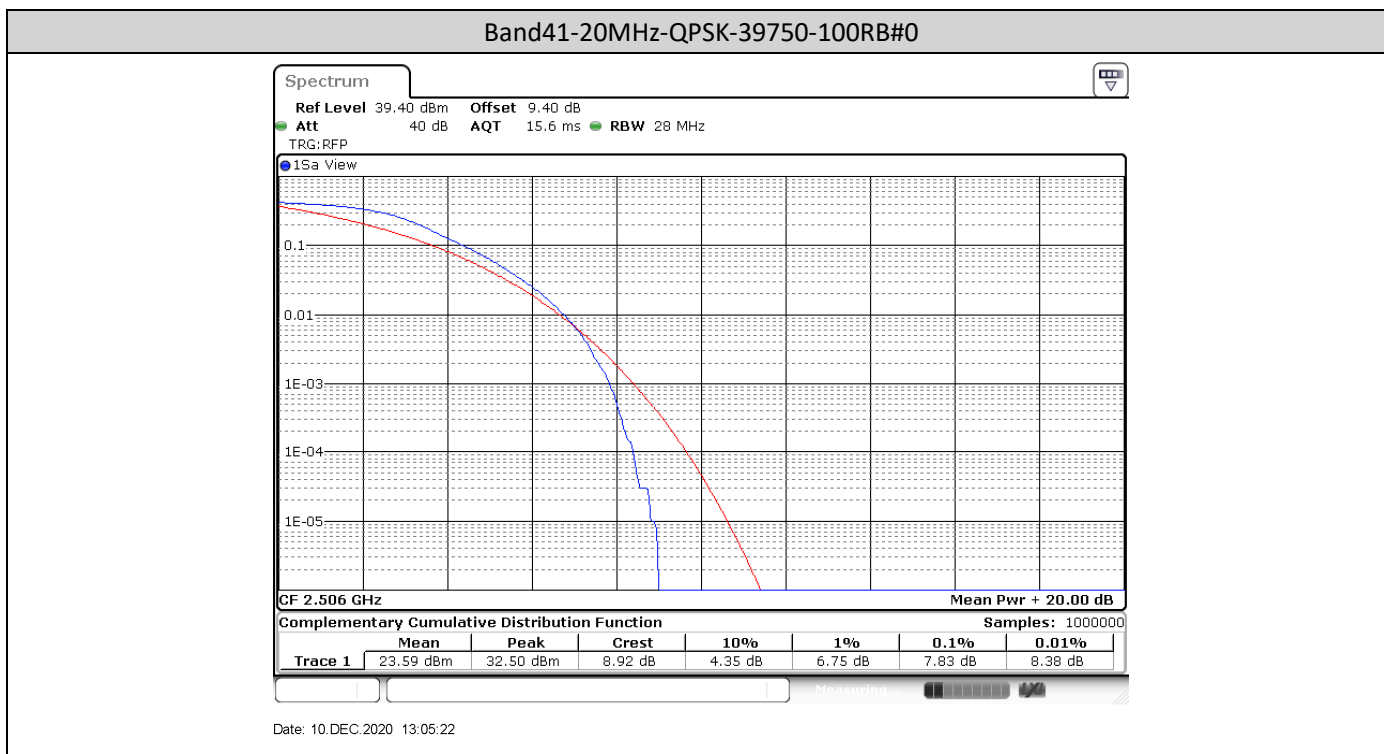


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

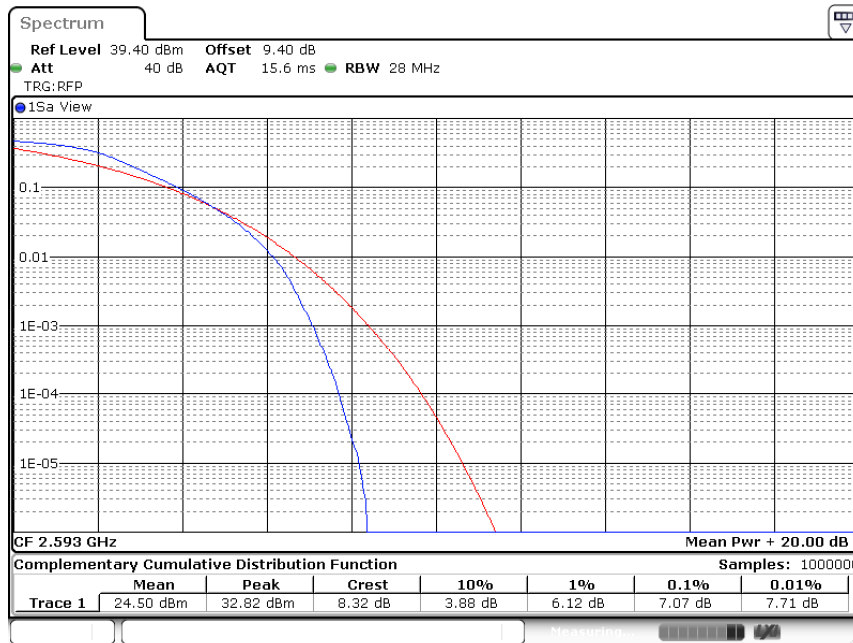
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	7.83	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	7.07	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	6.70	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	6.75	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	8.32	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	8.23	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.26	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	7.86	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	7.42	13	PASS

2.2. Test Plots



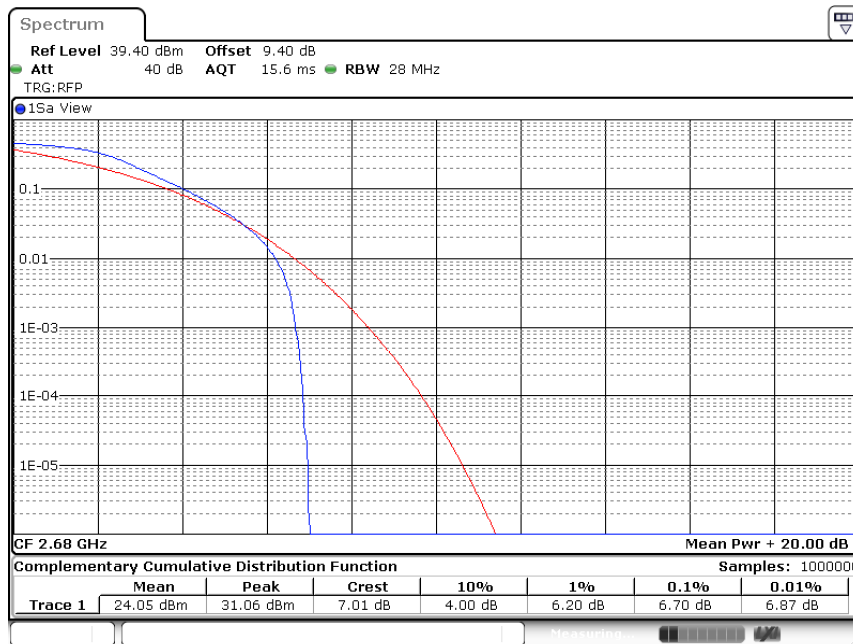
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Band41-20MHz-QPSK-40620-100RB#0



Date: 10.DEC.2020 13:05:45

Band41-20MHz-QPSK-41490-100RB#0



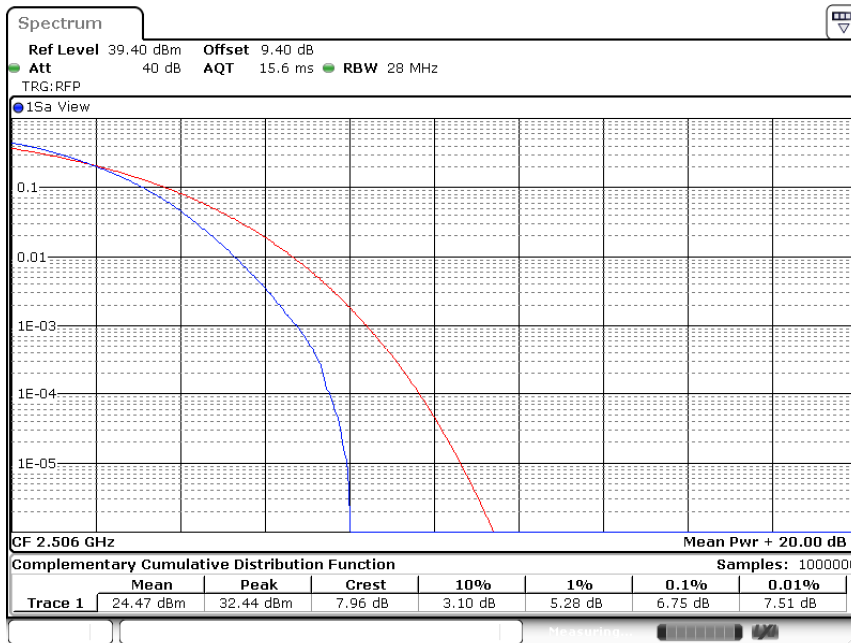
Date: 10.DEC.2020 13:06:08



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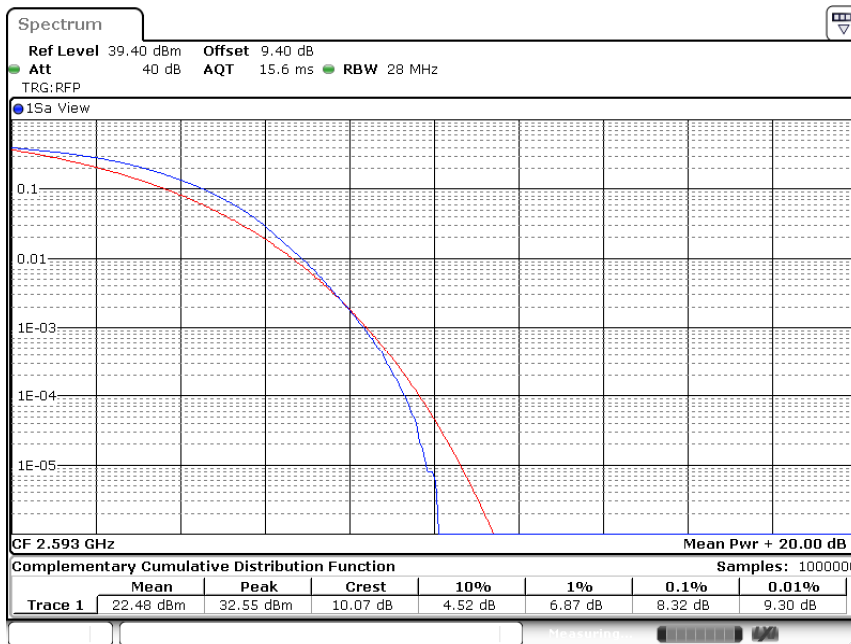
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Band41-20MHz-64QAM-39750-100RB#0



Date: 10.DEC.2020 13:31:45

Band41-20MHz-64QAM-40620-100RB#0

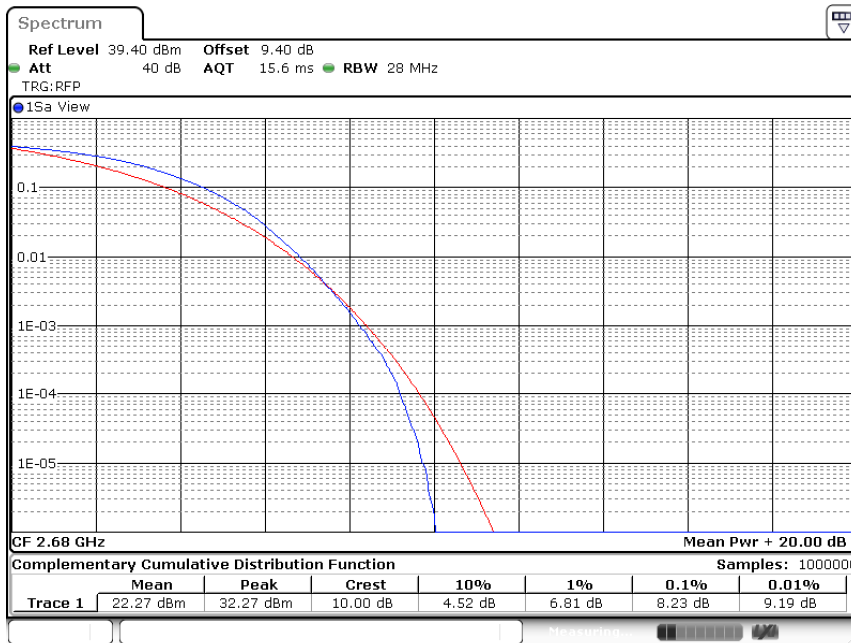


Date: 10.DEC.2020 13:31:56



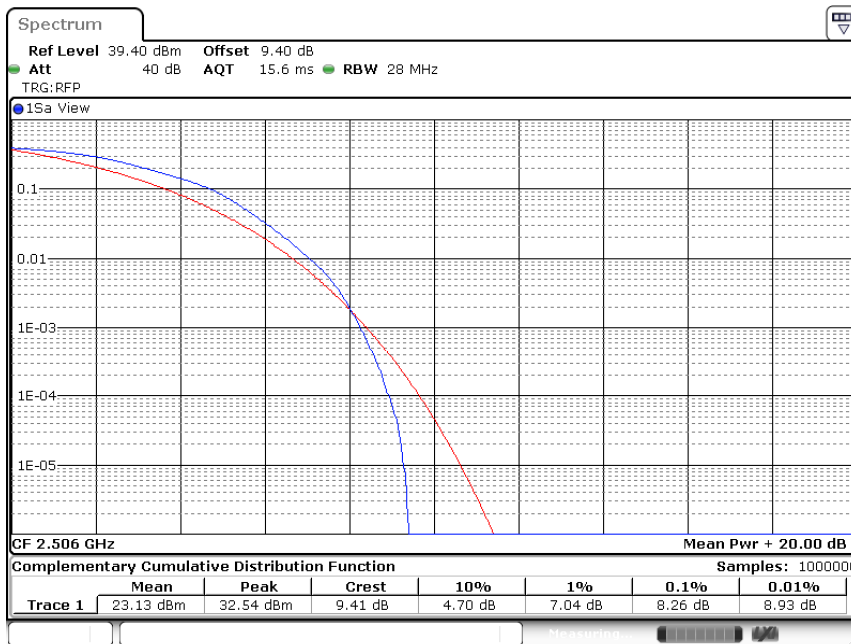
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Band41-20MHz-64QAM-41490-100RB#0



Date: 10.DEC.2020 13:32:08

Band41-20MHz-16QAM-39750-100RB#0

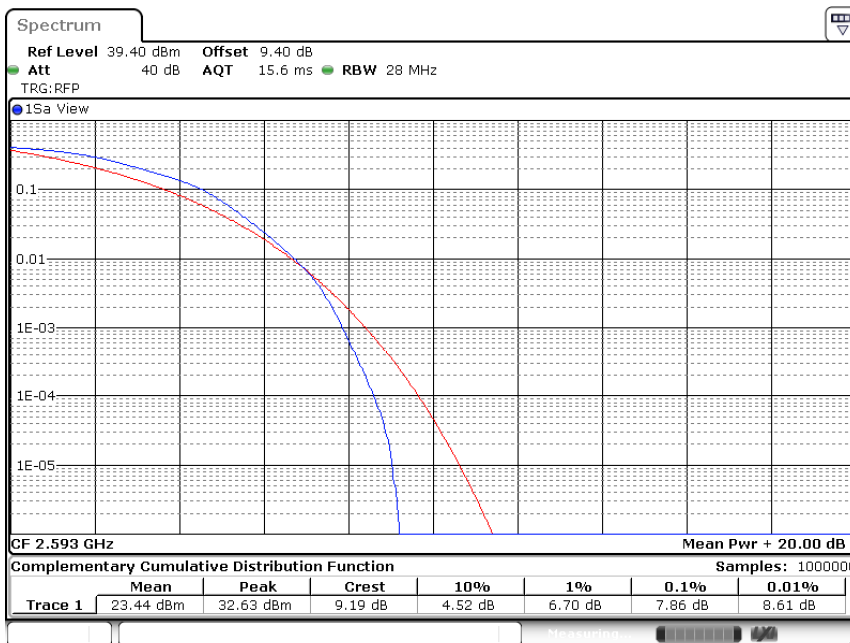


Date: 10.DEC.2020 13:05:33



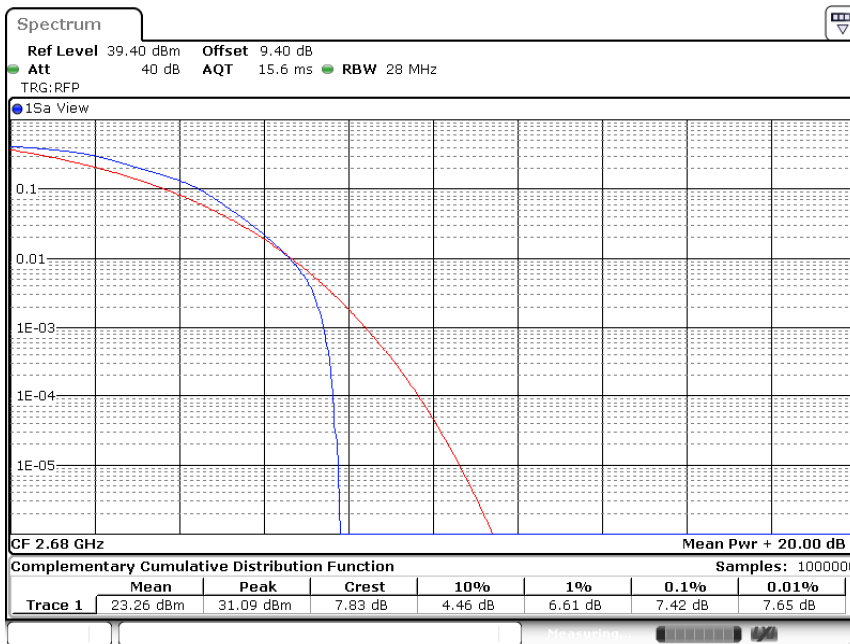
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Band41-20MHz-16QAM-40620-100RB#0



Date: 10.DEC.2020 13:05:56

Band41-20MHz-16QAM-41490-100RB#0



Date: 10.DEC.2020 13:06:19

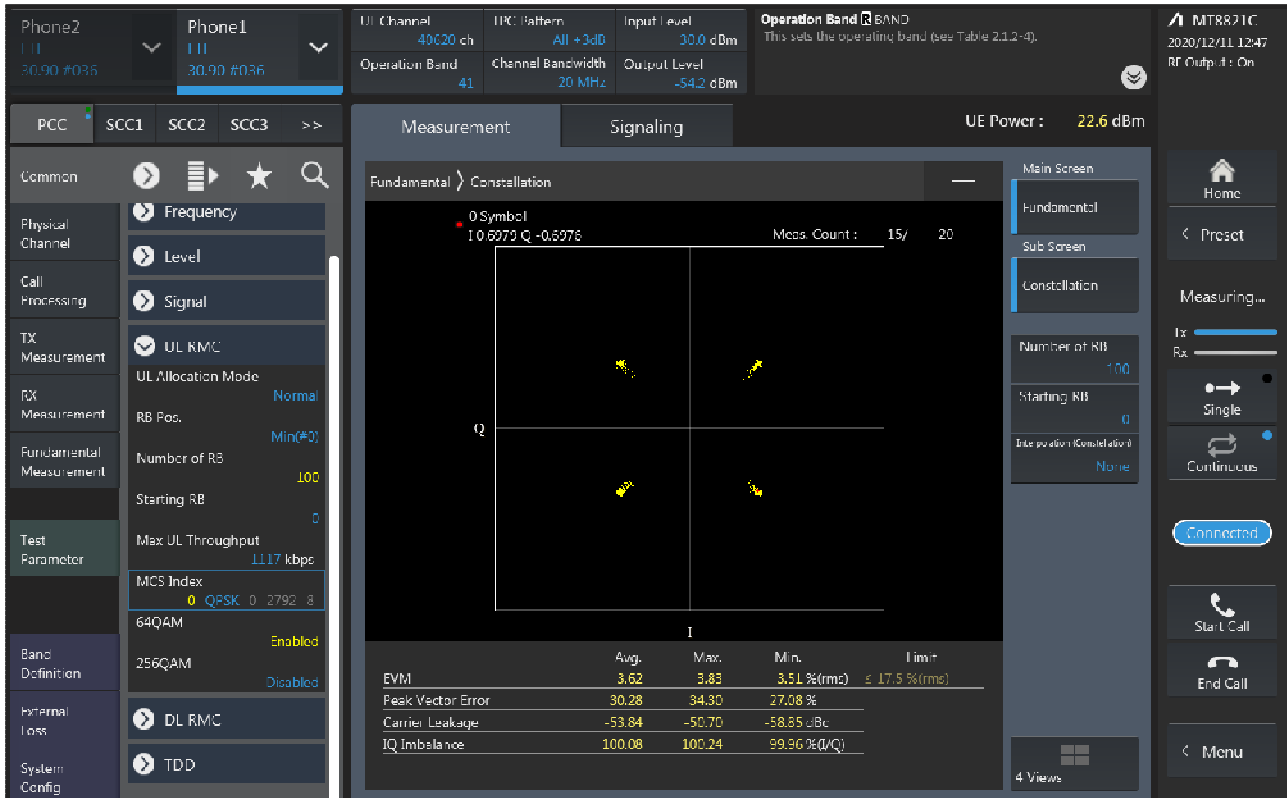


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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

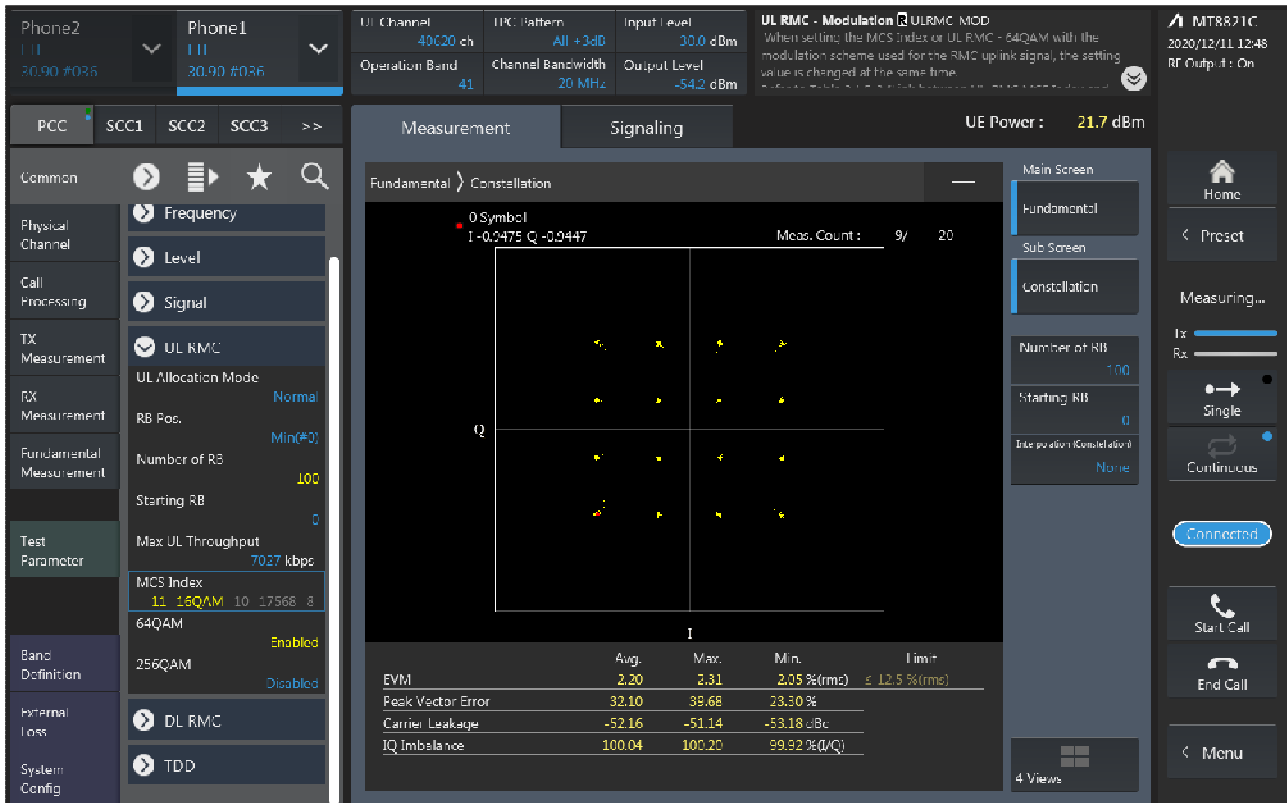


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3.2. Test Mode = LTE /TM2 20MHz

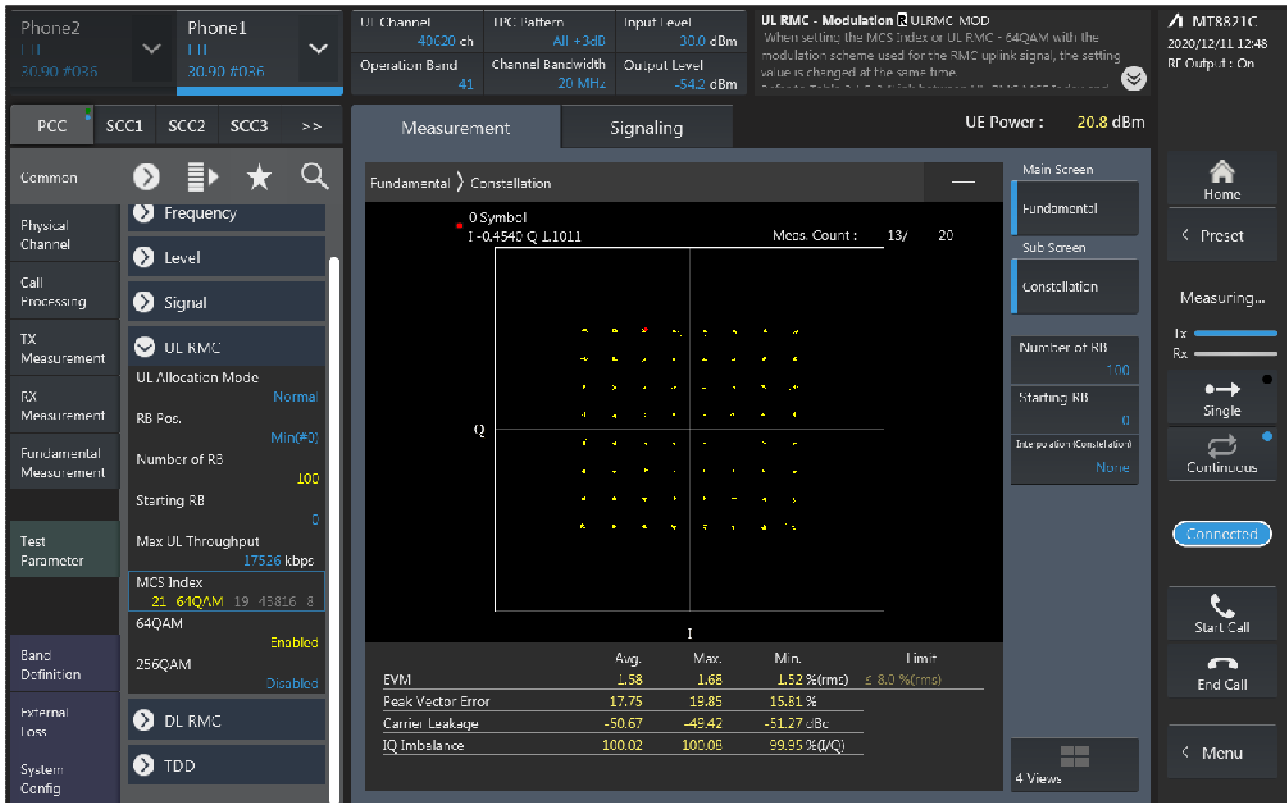
3.2.1. Test Channel = MCH



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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	39675	25RB#0	4.466	4.870	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.456	4.880	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.466	4.860	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.466	4.920	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.476	4.940	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.476	4.930	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.476	4.930	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.850	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.940	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.931	9.680	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.700	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.931	9.740	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.931	9.660	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.931	9.680	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.931	9.660	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.931	9.620	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.911	9.660	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.911	9.660	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.457	14.730	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.457	14.730	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.487	14.700	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.427	14.700	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.427	14.760	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.427	14.730	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.427	14.640	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.427	14.700	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.487	14.670	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.902	19.400	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.862	19.400	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.902	19.360	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.862	19.440	PASS



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Band41	20MHz	64QAM	40620	100RB#0	17.862	19.440	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.902	19.400	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.862	19.280	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.862	19.280	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.440	PASS

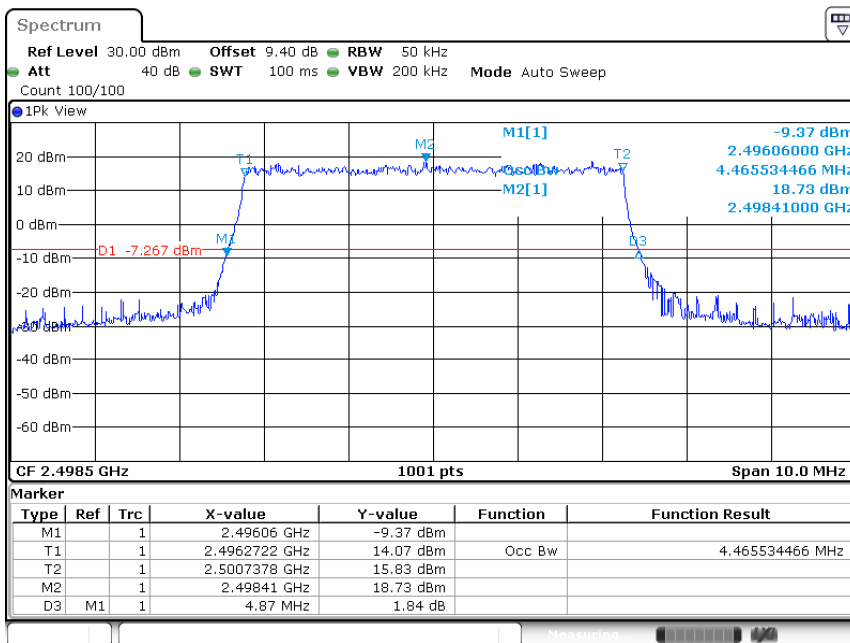


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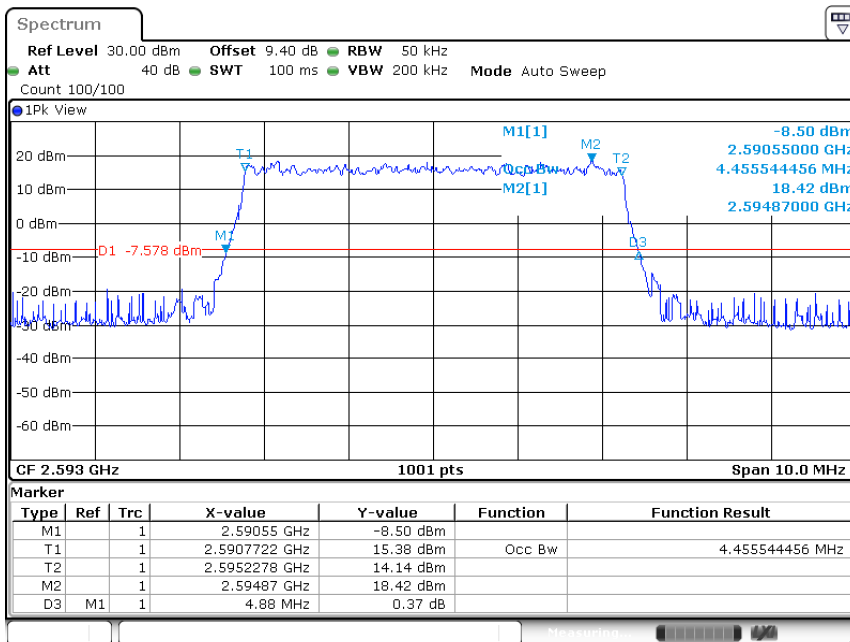
4.2. Test Plots

Band41-5MHz-QPSK-39675-25RB#0-4.466



Date: 10.DEC.2020 12:43:03

Band41-5MHz-QPSK-40620-25RB#0-4.456

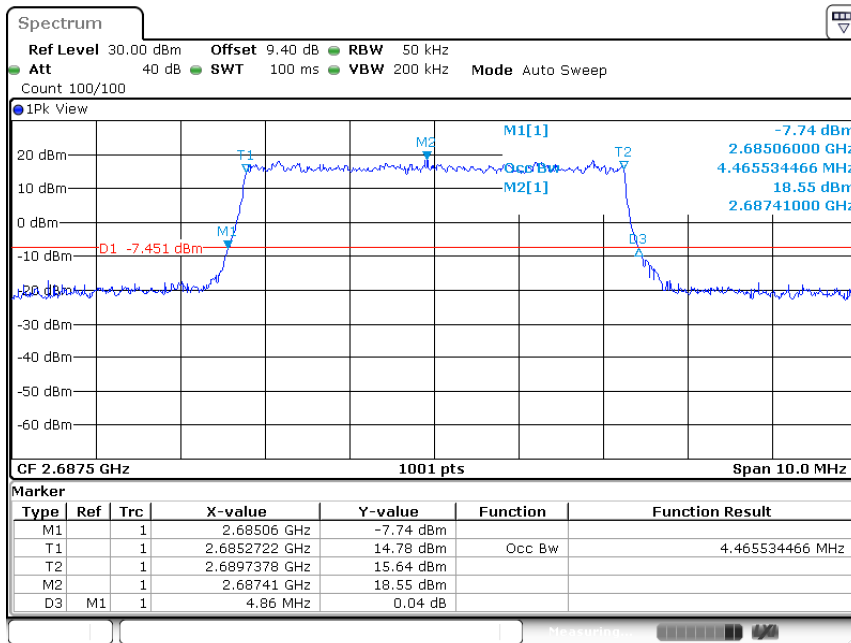


Date: 10.DEC.2020 12:43:43



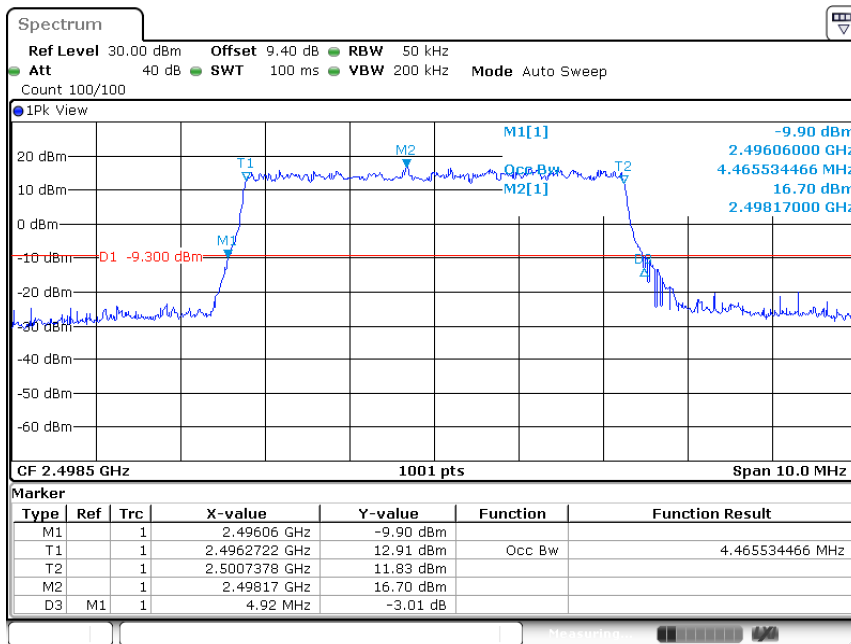
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Band41-5MHz-QPSK-41565-25RB#0-4.466



Date: 10.DEC.2020 12:44:23

Band41-5MHz-64QAM-39675-25RB#0-4.466

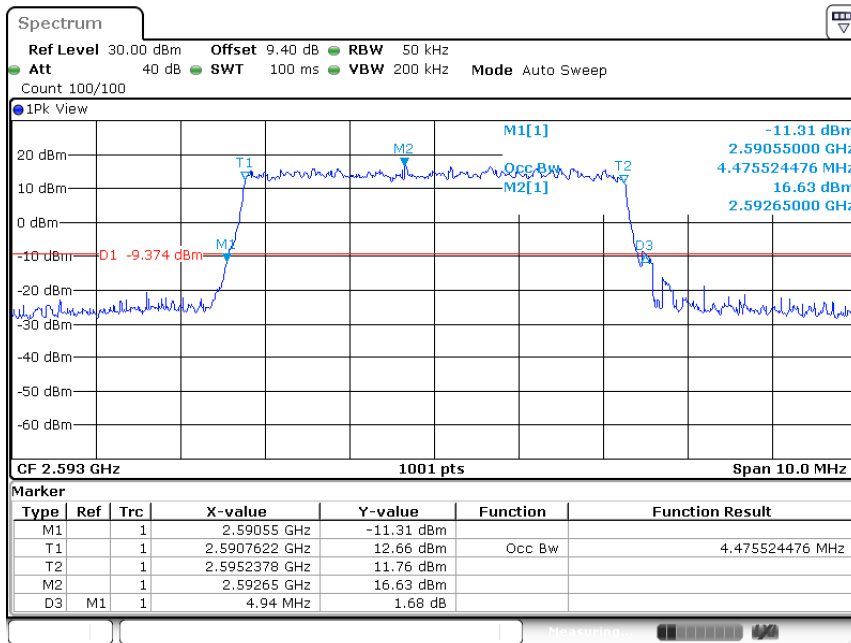


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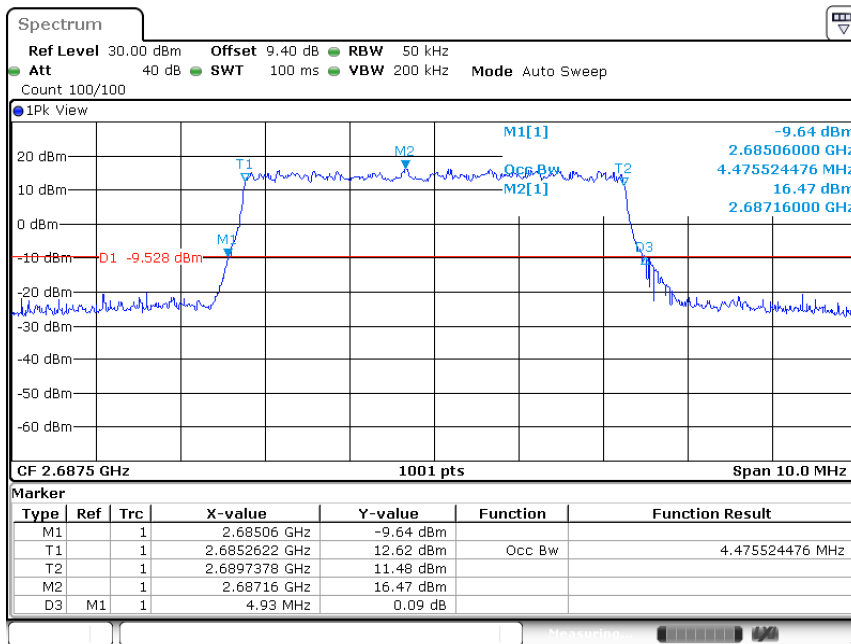
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Band41-5MHz-64QAM-40620-25RB#0-4.476



Date: 10.DEC.2020 13:20:00

Band41-5MHz-64QAM-41565-25RB#0-4.476

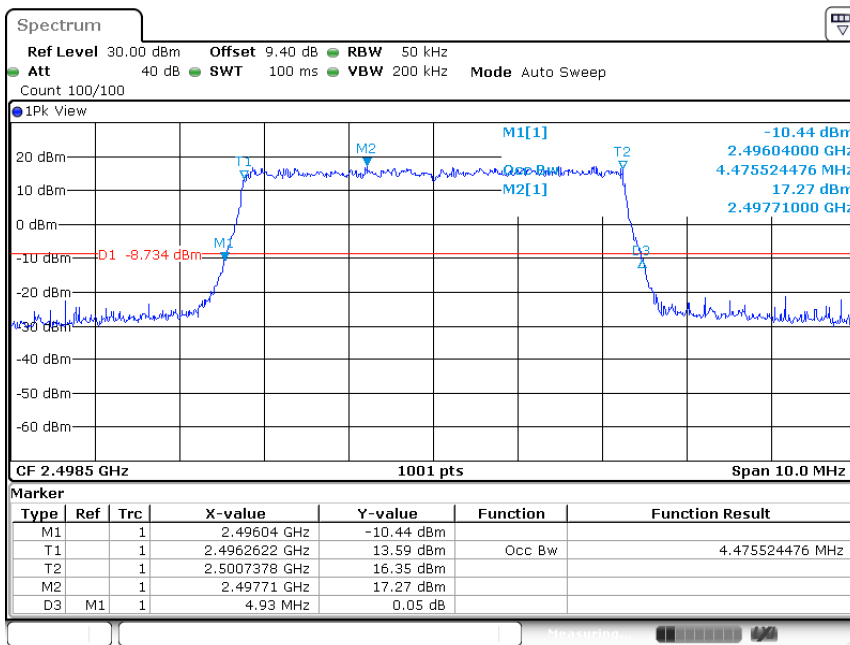


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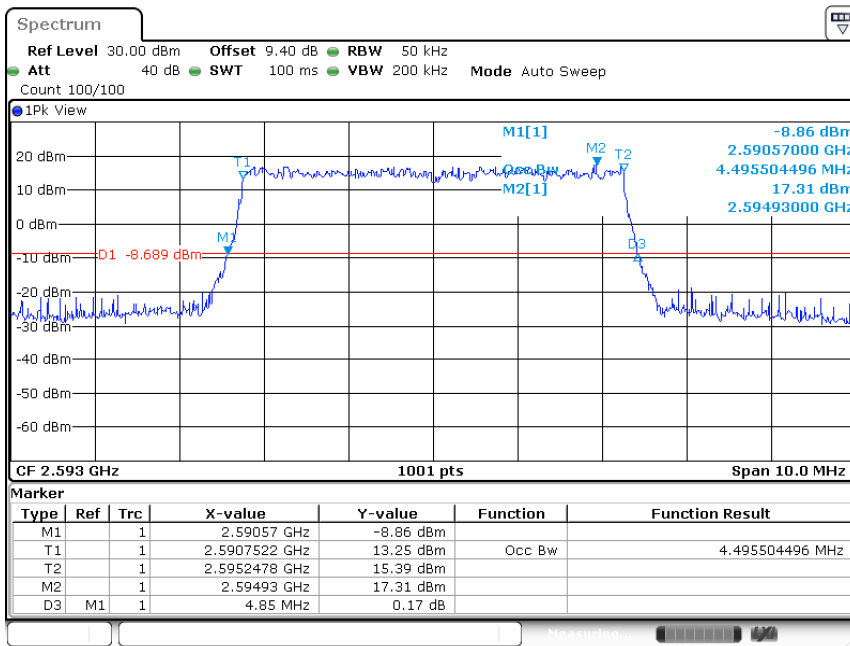
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Band41-5MHz-16QAM-39675-25RB#0-4.476



Date: 10.DEC.2020 12:43:23

Band41-5MHz-16QAM-40620-25RB#0-4.496



Date: 10.DEC.2020 12:44:03

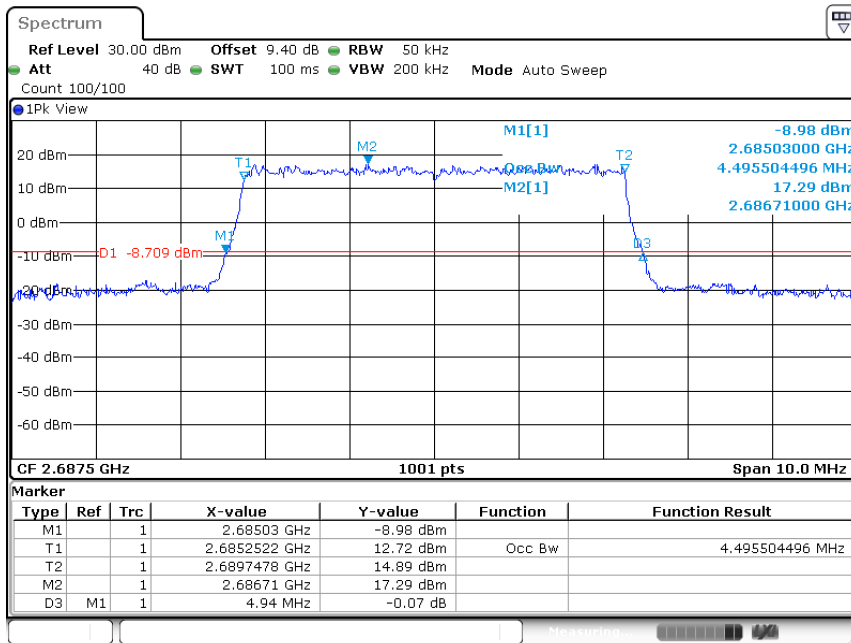


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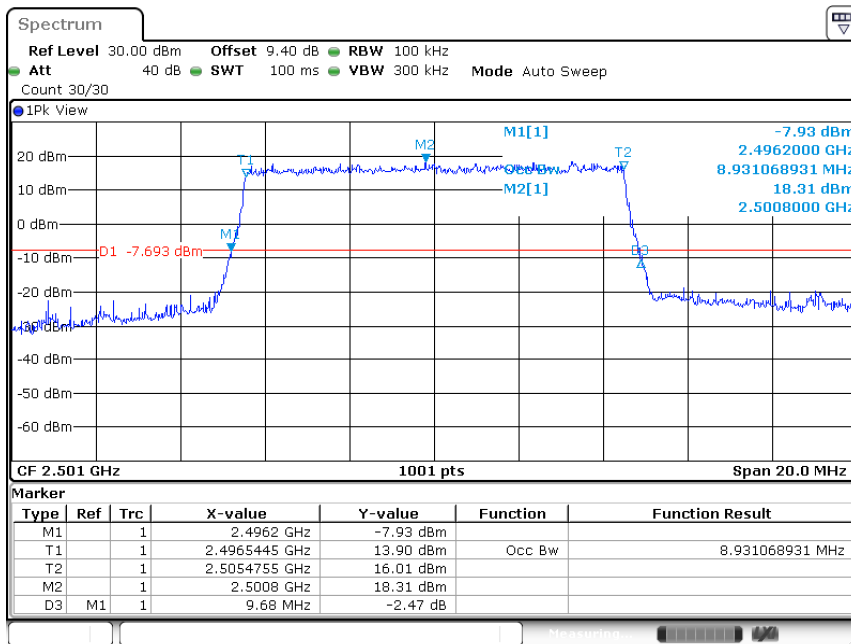
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Band41-5MHz-16QAM-41565-25RB#0-4.496



Date: 10.DEC.2020 12:44:43

Band41-10MHz-QPSK-39700-50RB#0-8.931



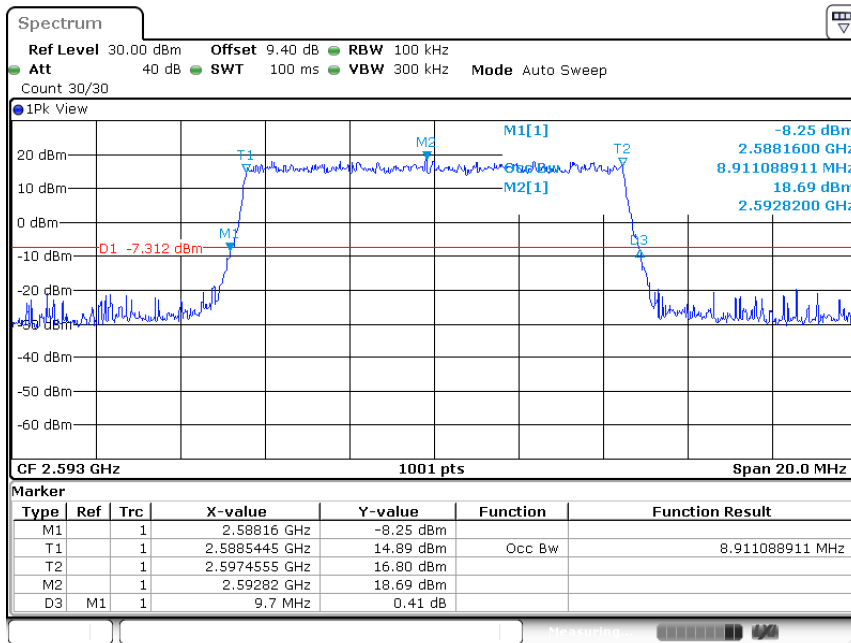
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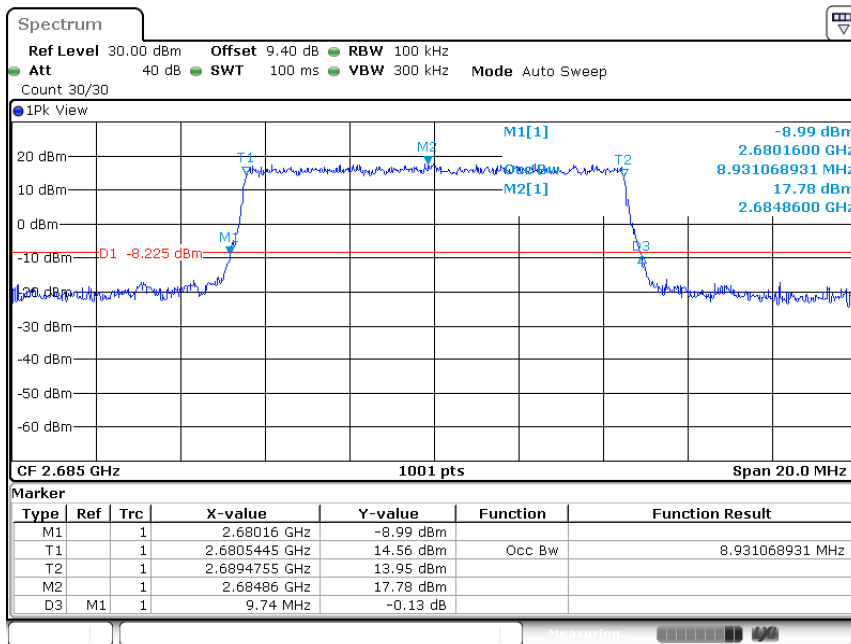
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Band41-10MHz-QPSK-40620-50RB#0-8.911



Date: 10.DEC.2020 12:45:27

Band41-10MHz-QPSK-41540-50RB#0-8.931

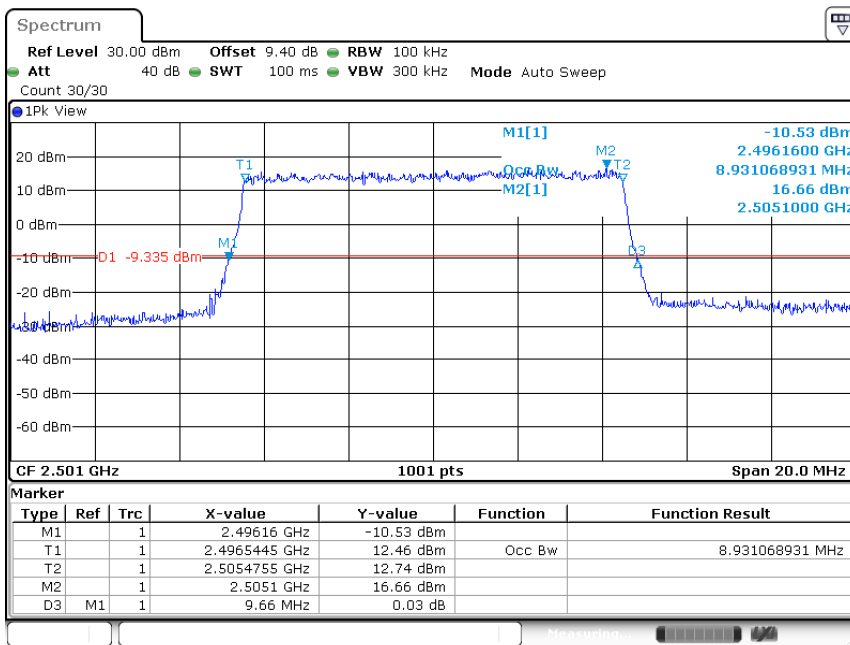


Date: 10.DEC.2020 12:45:53



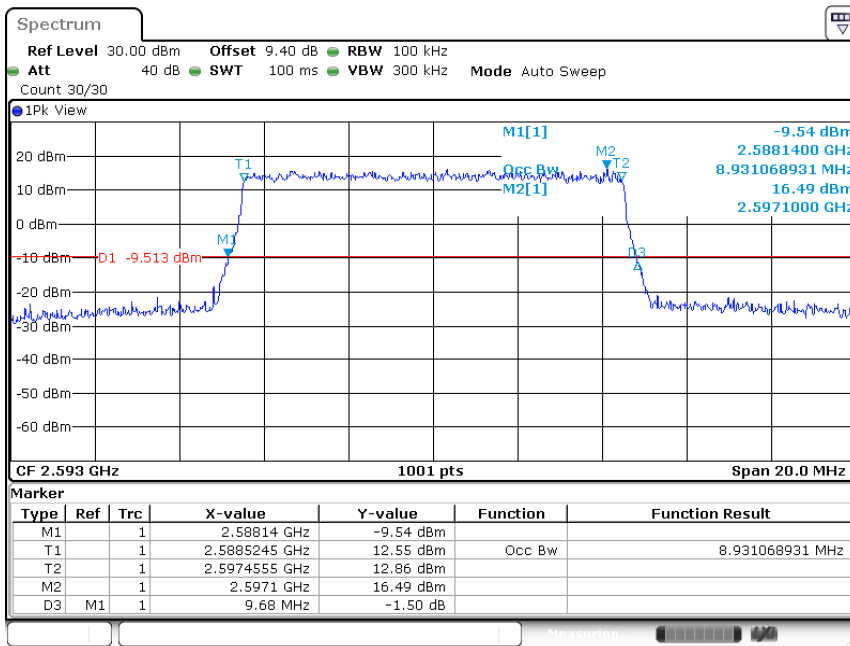
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Band41-10MHz-64QAM-39700-50RB#0-8.931



Date: 10.DEC.2020 13:20:39

Band41-10MHz-64QAM-40620-50RB#0-8.931

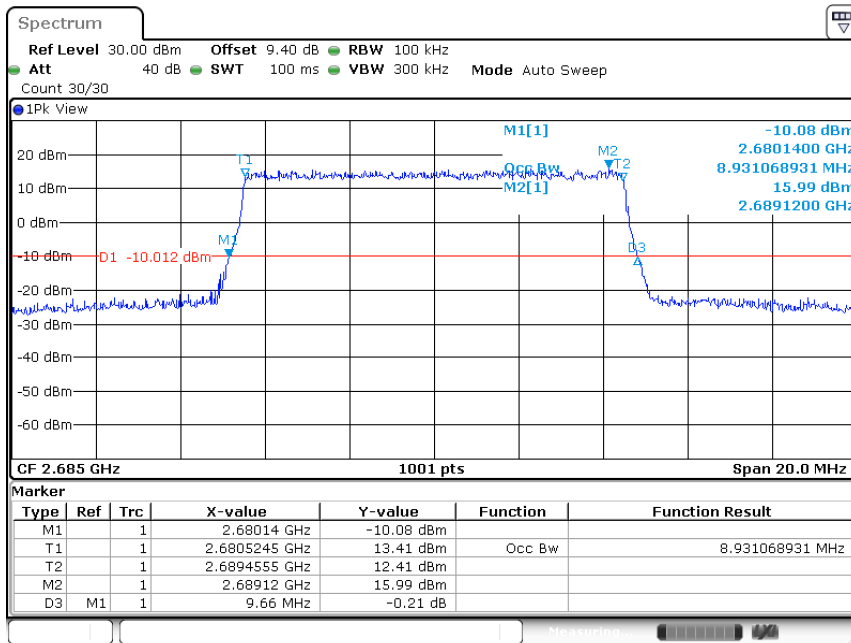


Date: 10.DEC.2020 13:20:52



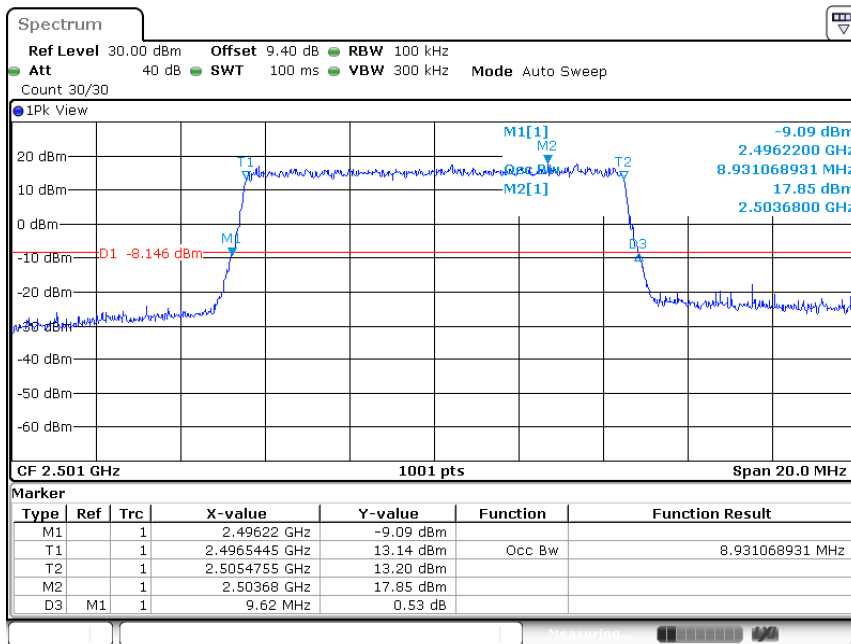
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Band41-10MHz-64QAM-41540-50RB#0-8.931



Date: 10.DEC.2020 13:21:05

Band41-10MHz-16QAM-39700-50RB#0-8.931

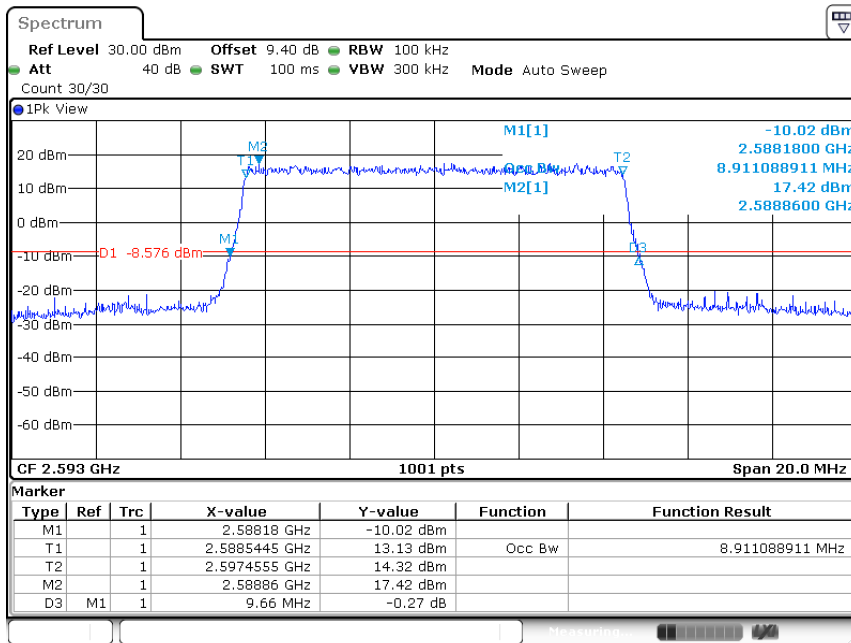


Date: 10.DEC.2020 12:45:14



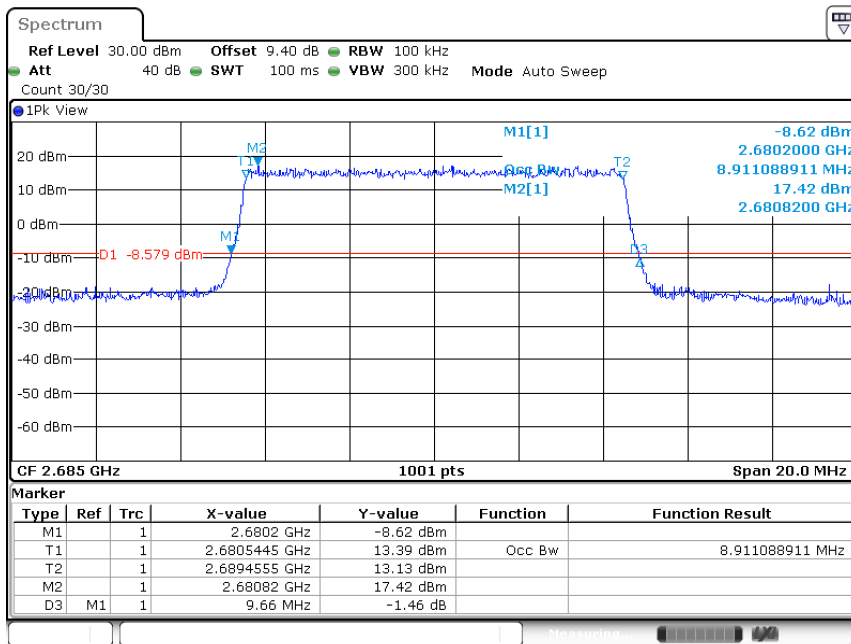
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Band41-10MHz-16QAM-40620-50RB#0-8.911



Date: 10.DEC.2020 12:45:40

Band41-10MHz-16QAM-41540-50RB#0-8.911

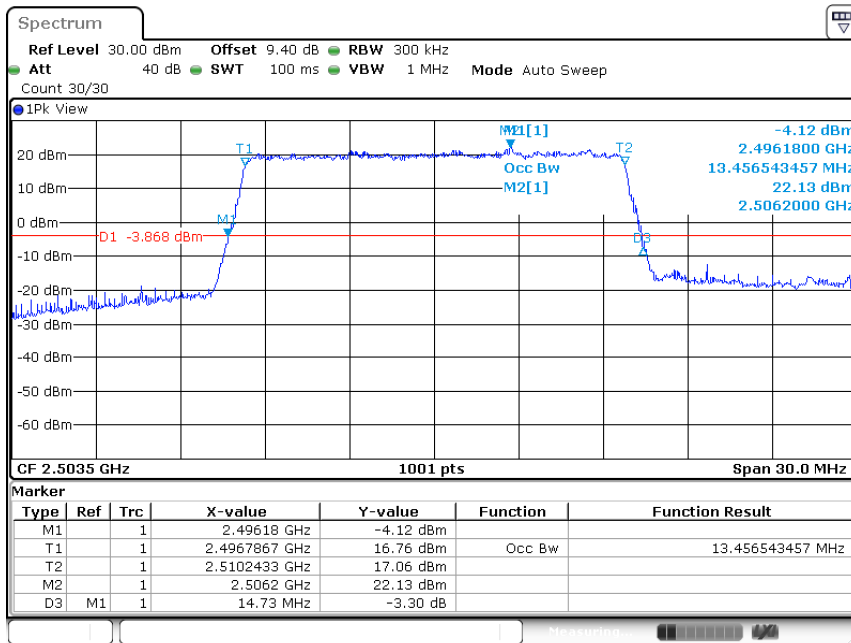


Date: 10.DEC.2020 12:46:06



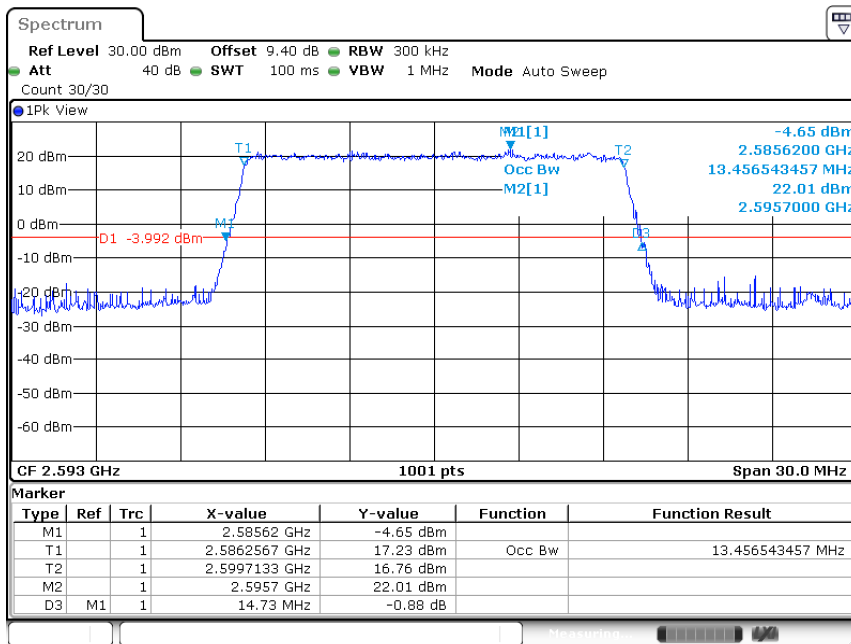
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Band41-15MHz-QPSK-39725-75RB#0-13.457



Date: 10.DEC.2020 12:46:24

Band41-15MHz-QPSK-40620-75RB#0-13.457

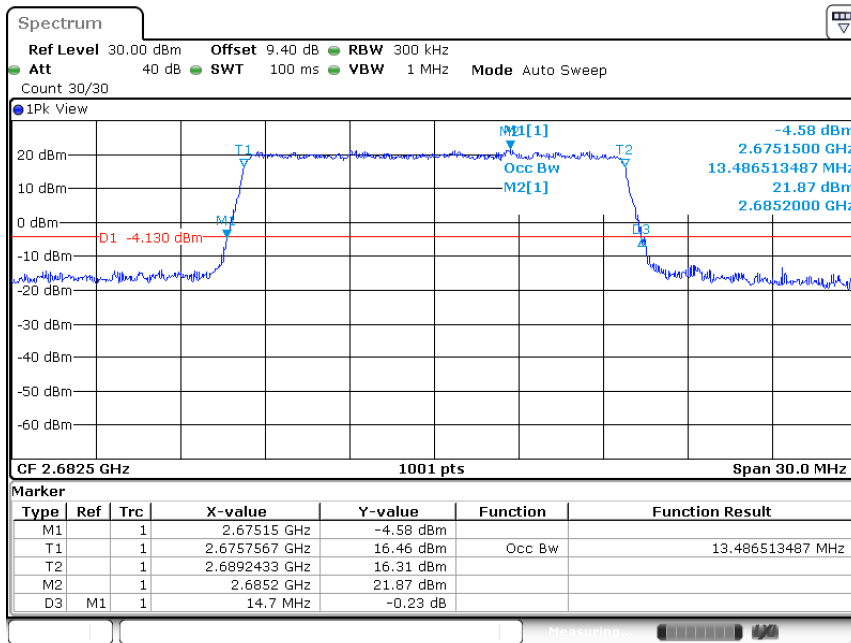


Date: 10.DEC.2020 12:46:50



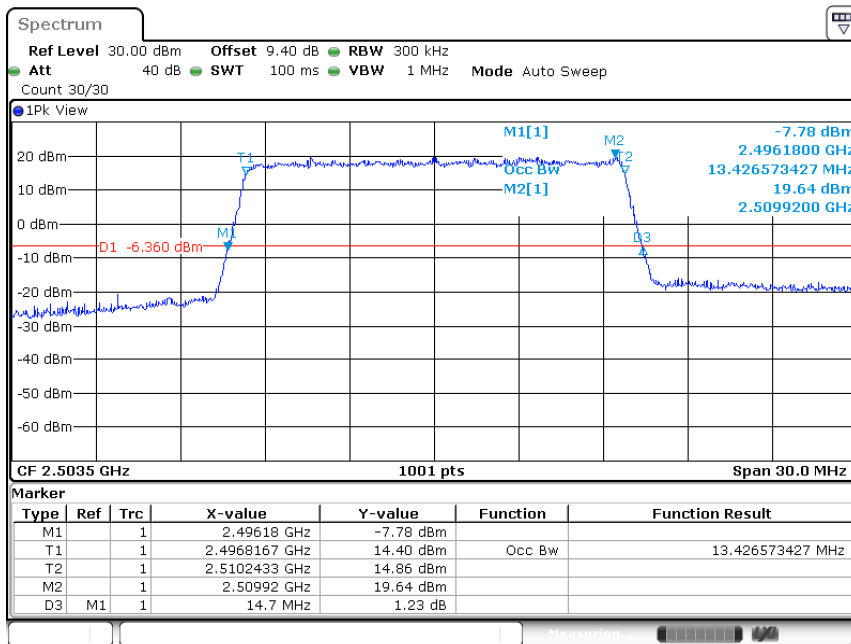
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Band41-15MHz-QPSK-41515-75RB#0-13.487



Date: 10.DEC.2020 12:47:16

Band41-15MHz-64QAM-39725-75RB#0-13.427

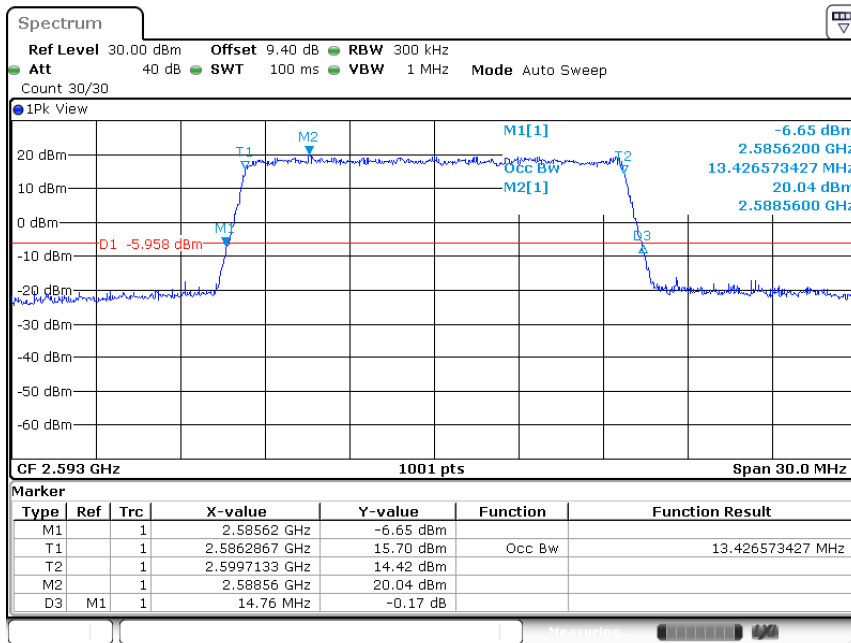


Date: 10.DEC.2020 13:21:25



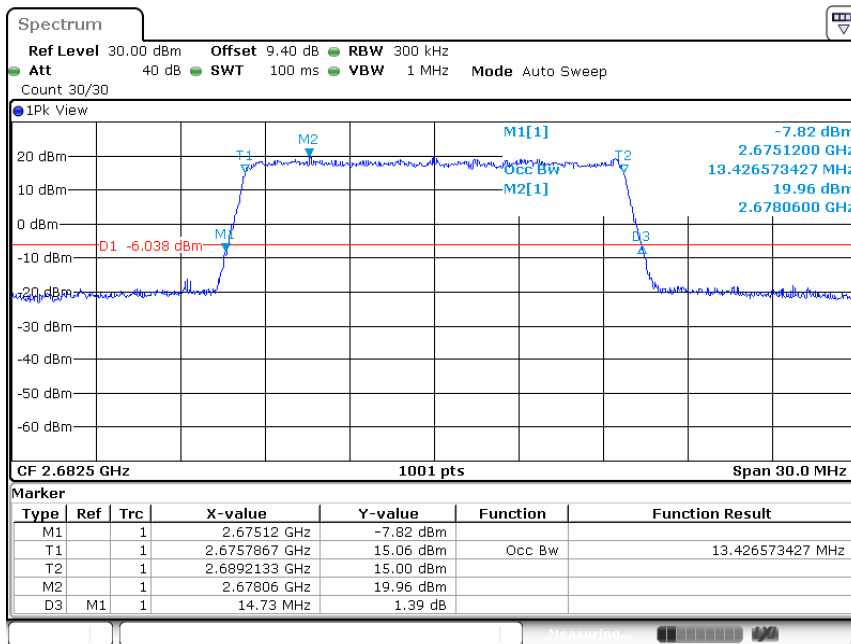
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Band41-15MHz-64QAM-40620-75RB#0-13.427



Date: 10.DEC.2020 13:21:38

Band41-15MHz-64QAM-41515-75RB#0-13.427

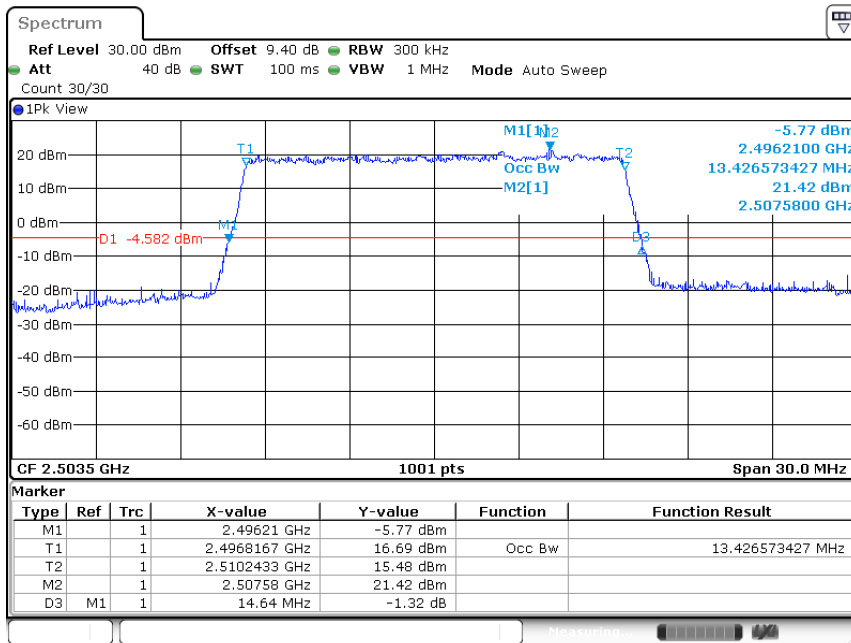


Date: 10.DEC.2020 13:21:51



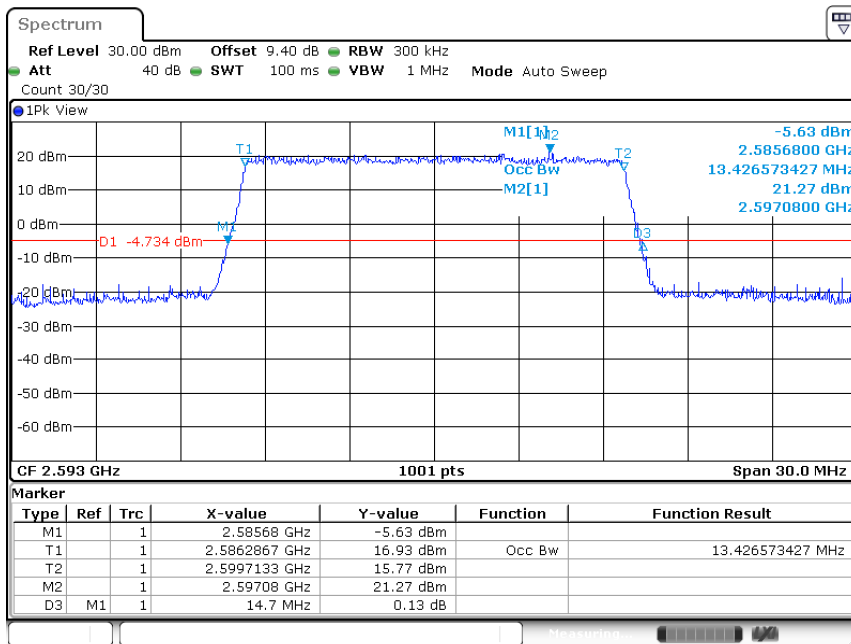
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Band41-15MHz-16QAM-39725-75RB#0-13.427



Date: 10.DEC.2020 12:46:37

Band41-15MHz-16QAM-40620-75RB#0-13.427

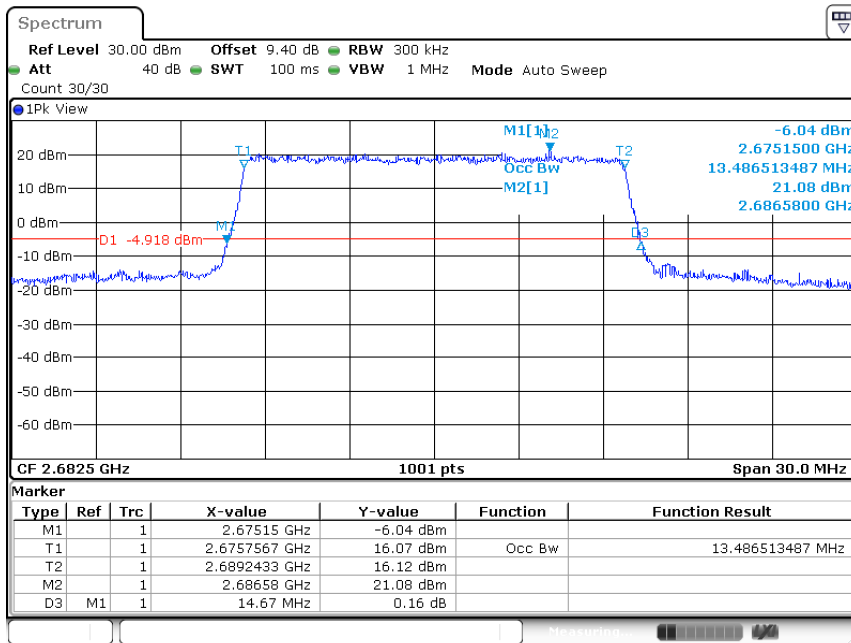


Date: 10.DEC.2020 12:47:03



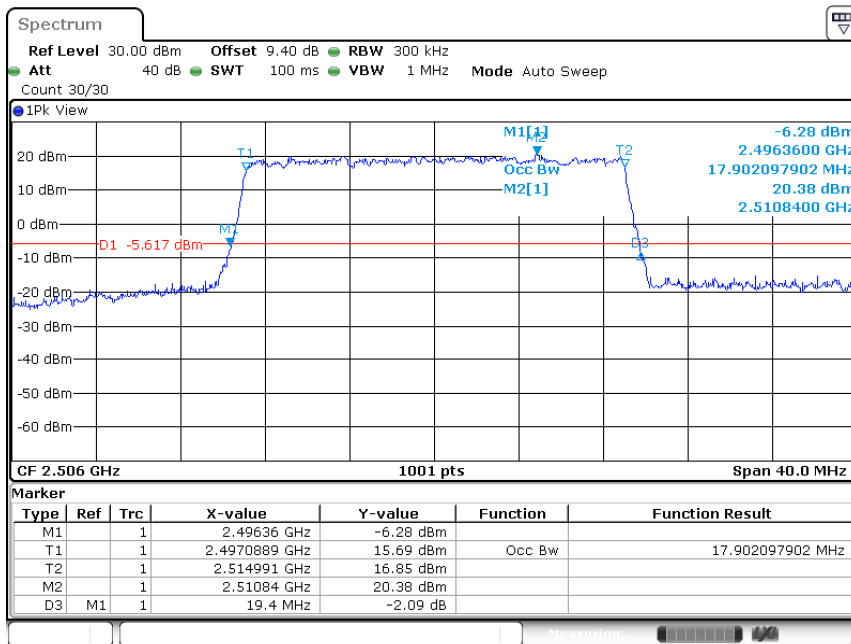
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Band41-15MHz-16QAM-41515-75RB#0-13.487



Date: 10.DEC.2020 12:47:29

Band41-20MHz-QPSK-39750-100RB#0-17.902

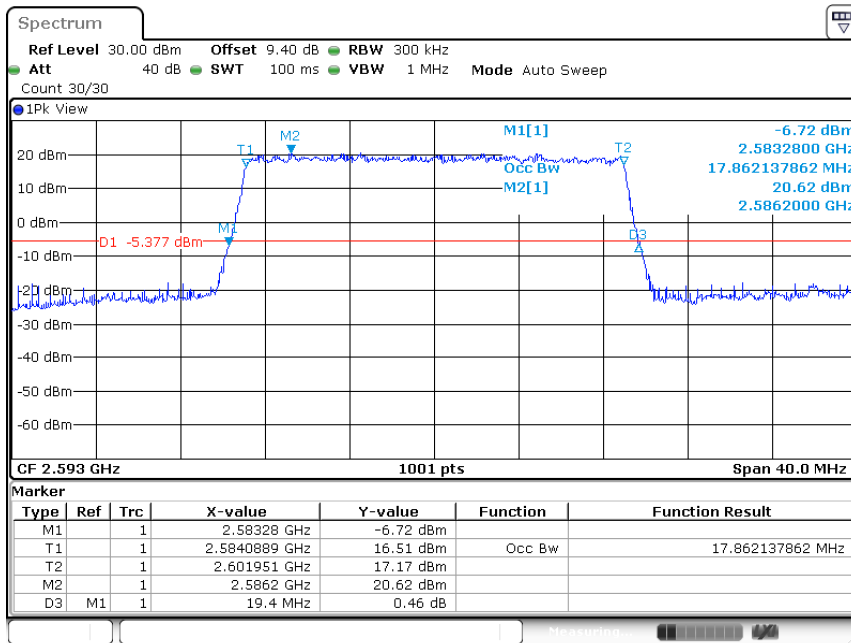


Date: 10.DEC.2020 12:47:47



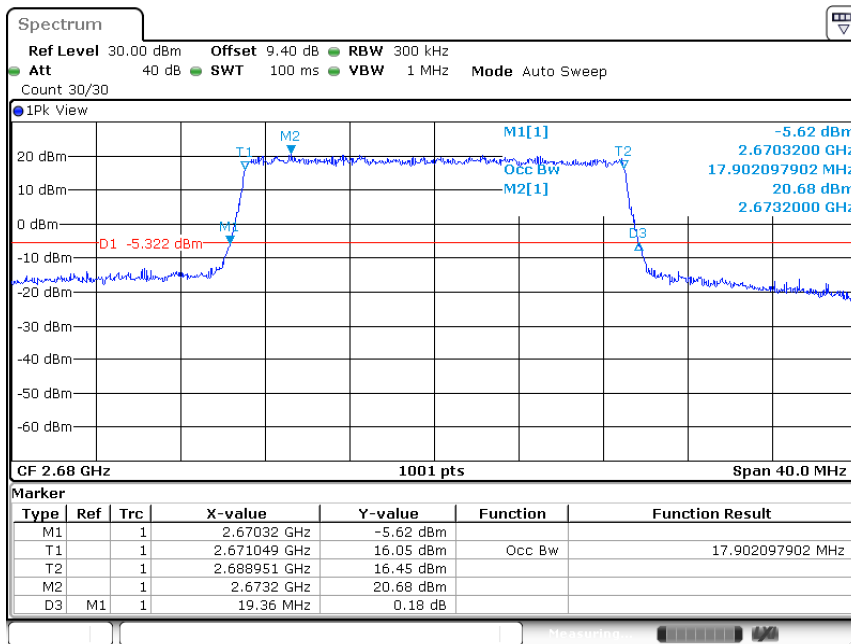
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Band41-20MHz-QPSK-40620-100RB#0-17.862



Date: 10.DEC.2020 12:48:13

Band41-20MHz-QPSK-41490-100RB#0-17.902

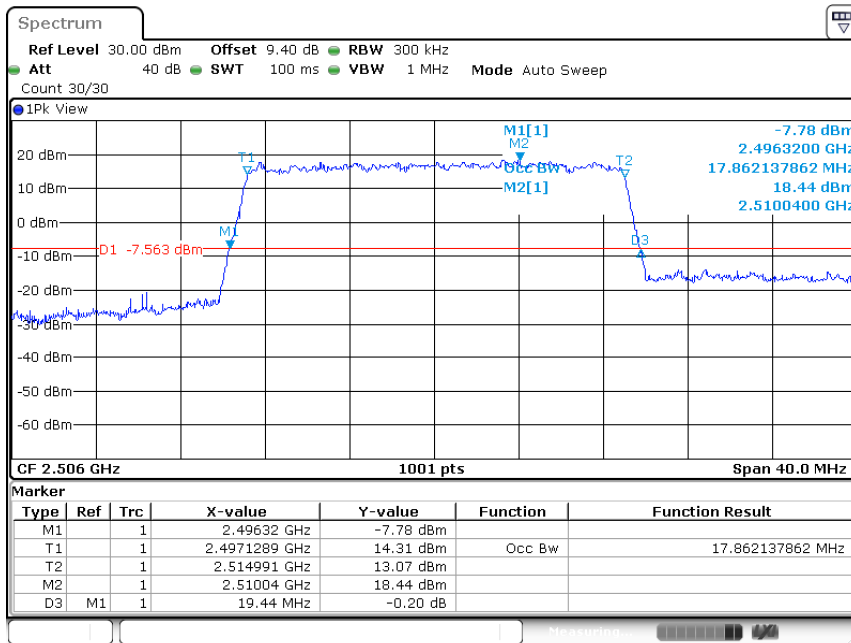


Date: 10.DEC.2020 12:48:39



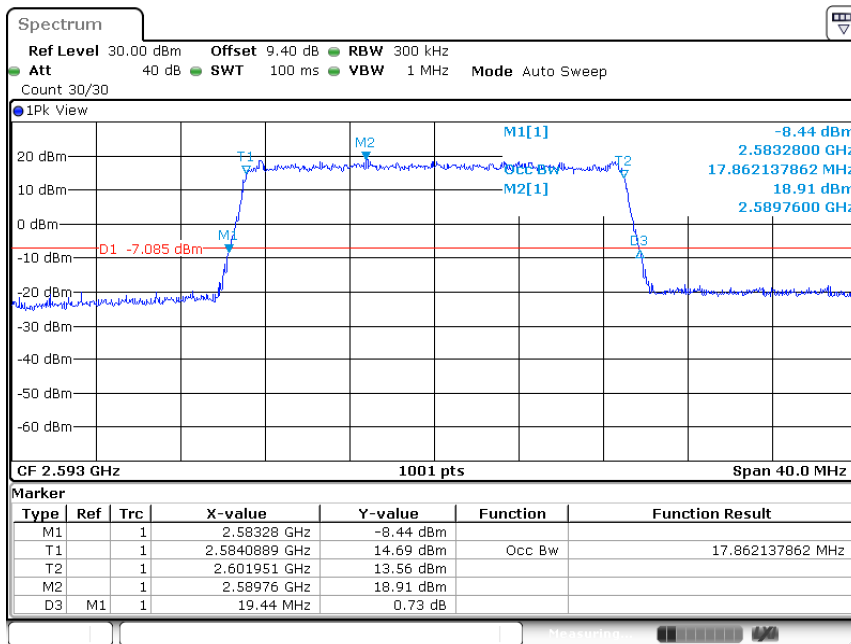
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Band41-20MHz-64QAM-39750-100RB#0-17.862



Date: 10.DEC.2020 13:22:11

Band41-20MHz-64QAM-40620-100RB#0-17.862

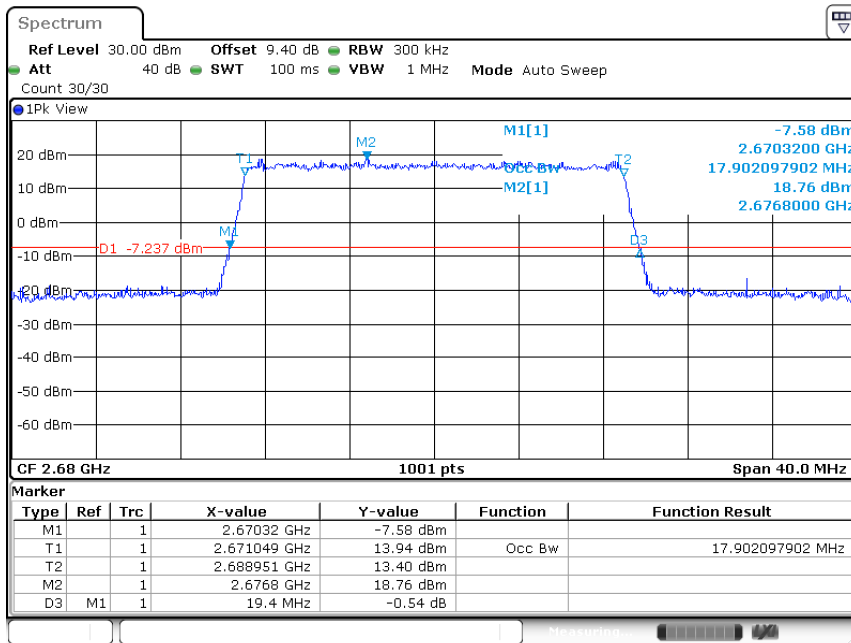


Date: 10.DEC.2020 13:22:24



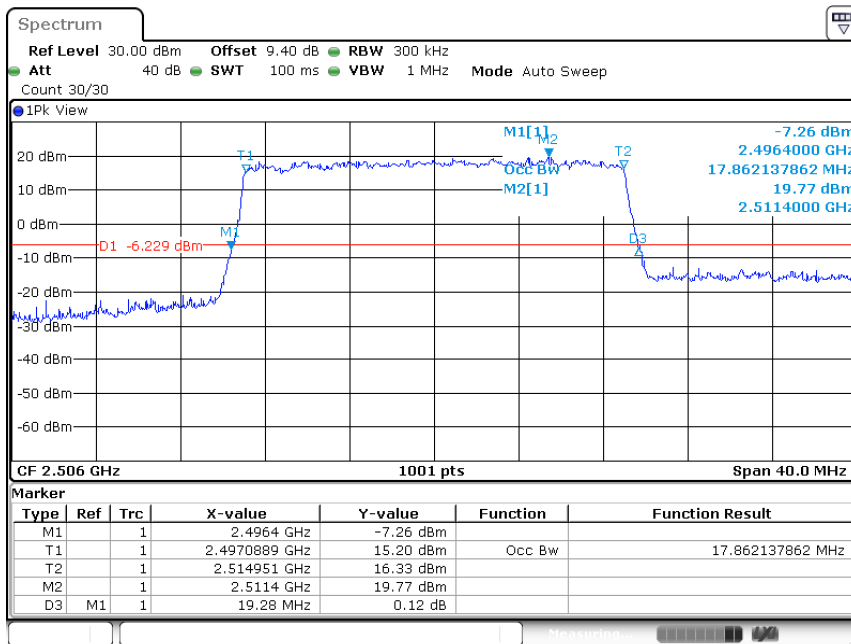
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Band41-20MHz-64QAM-41490-100RB#0-17.902



Date: 10.DEC.2020 13:22:36

Band41-20MHz-16QAM-39750-100RB#0-17.862

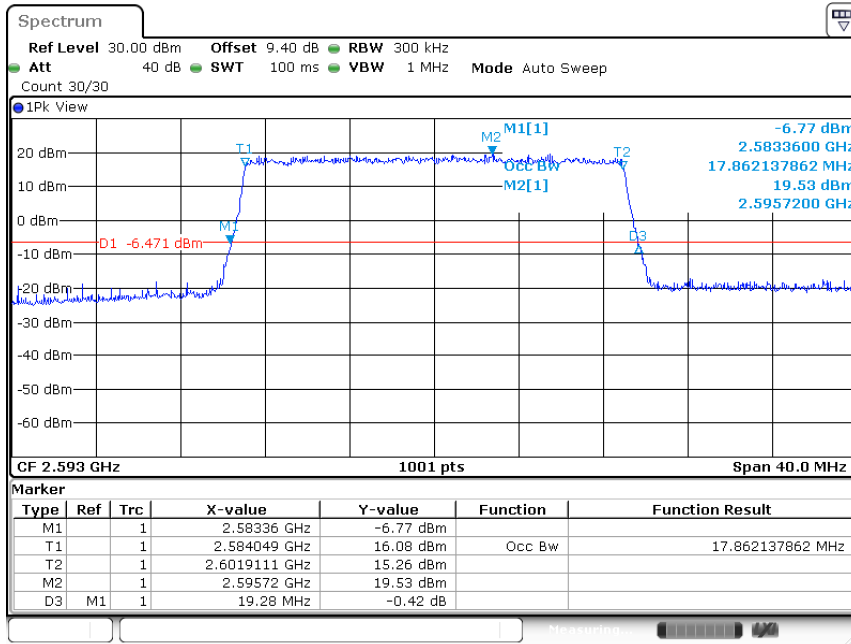


Date: 10.DEC.2020 12:48:00



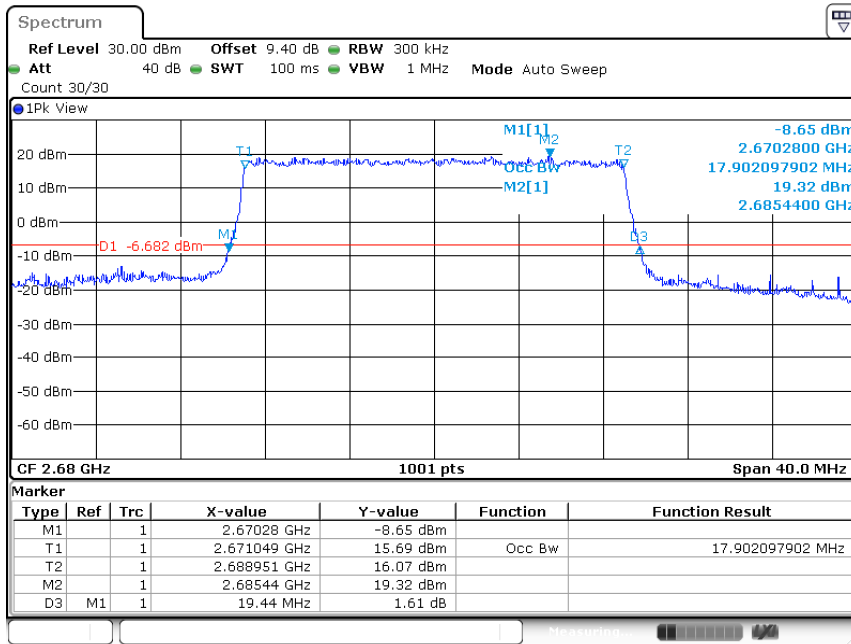
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Band41-20MHz-16QAM-40620-100RB#0-17.862



Date: 10.DEC.2020 12:48:26

Band41-20MHz-16QAM-41490-100RB#0-17.902



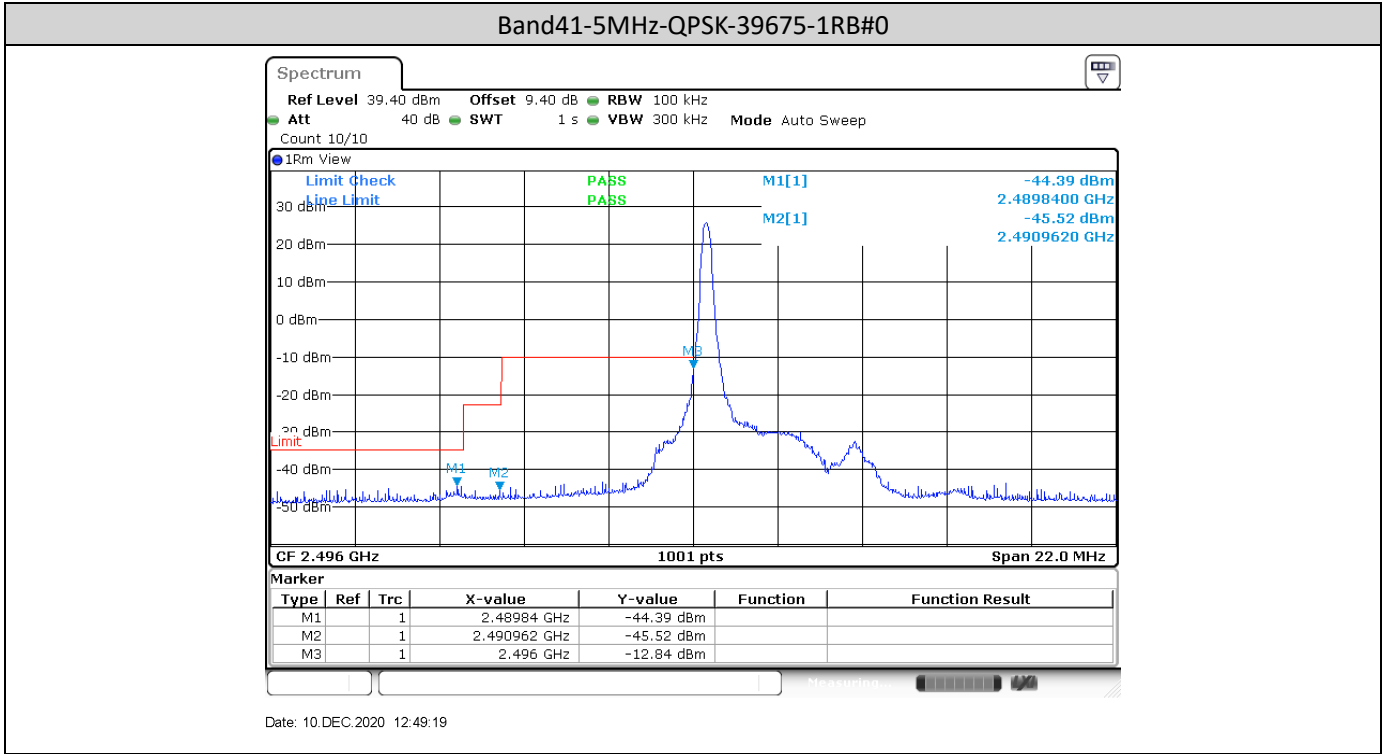
Date: 10.DEC.2020 12:48:52



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5. Band Edge Compliance

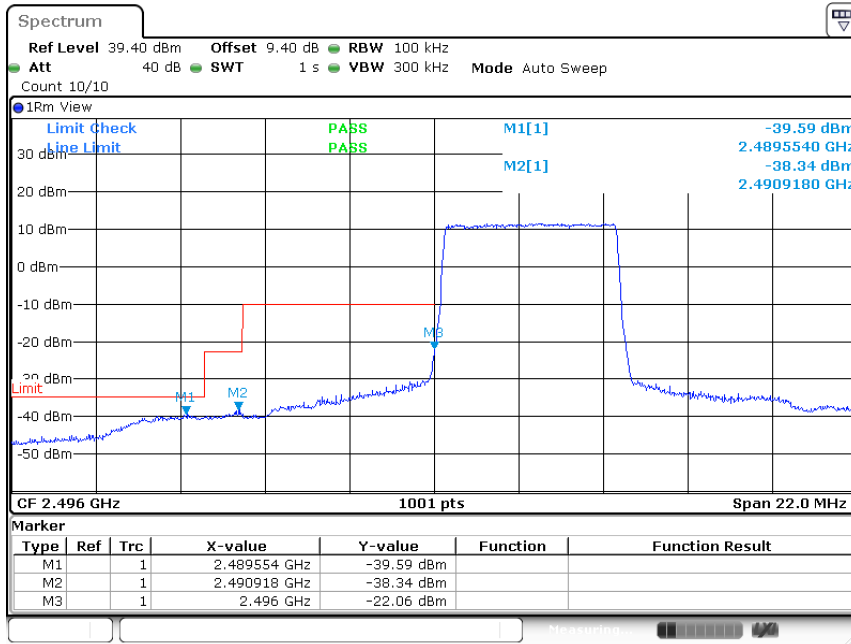
5.1. Test Plots



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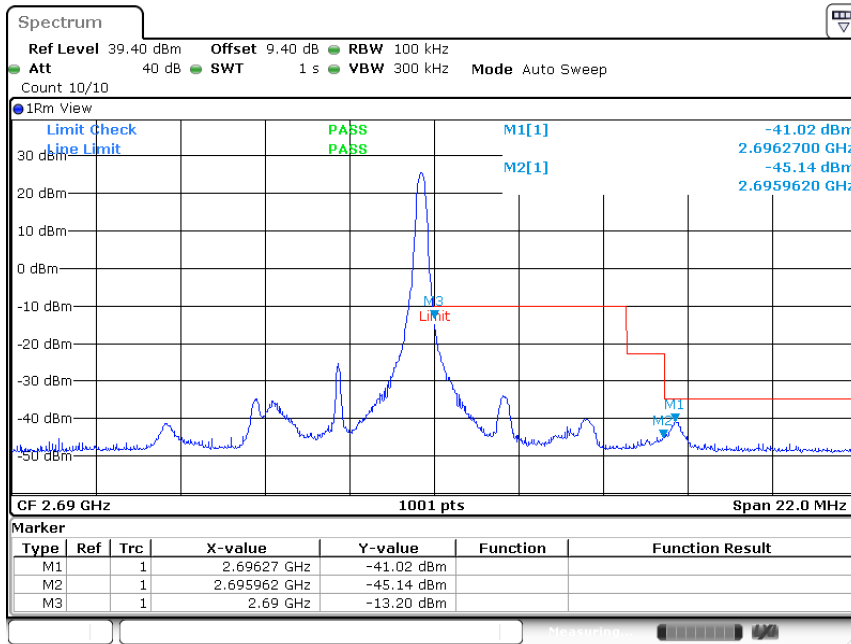
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Band41-5MHz-QPSK-39675-25RB#0



Date: 10.DEC.2020 12:50:55

Band41-5MHz-QPSK-41565-1RB#24

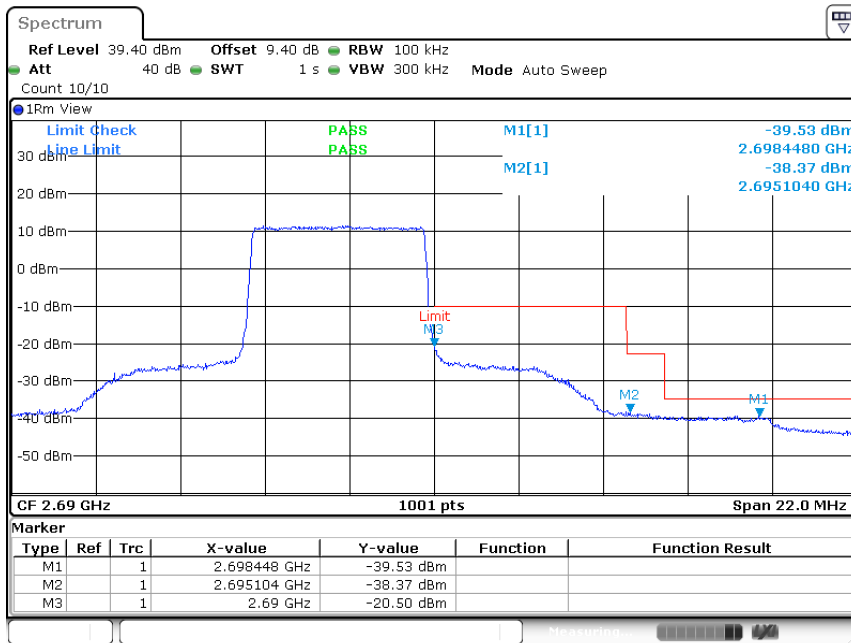


Date: 10.DEC.2020 12:50:07



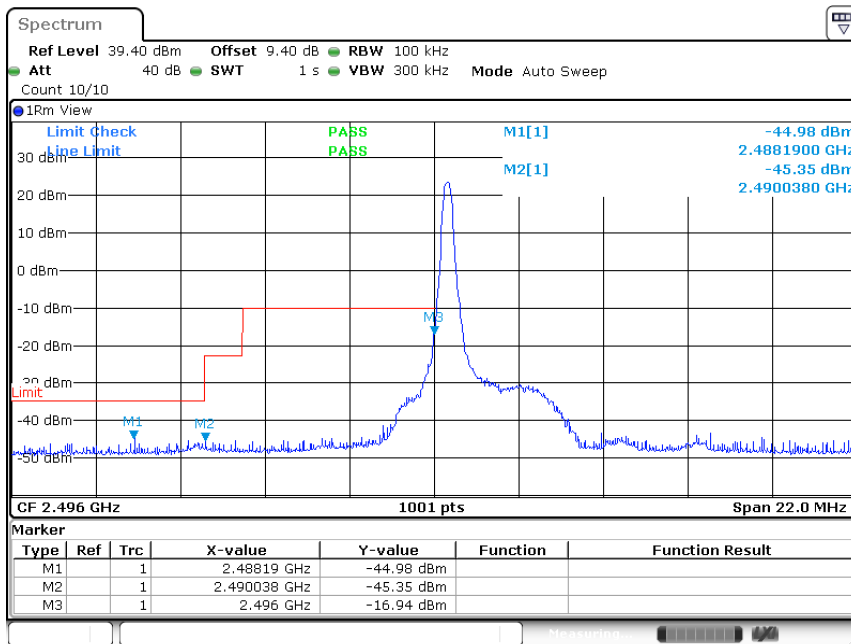
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Band41-5MHz-QPSK-41565-25RB#0



Date: 10.DEC.2020 12:51:39

Band41-5MHz-64QAM-39675-1RB#0

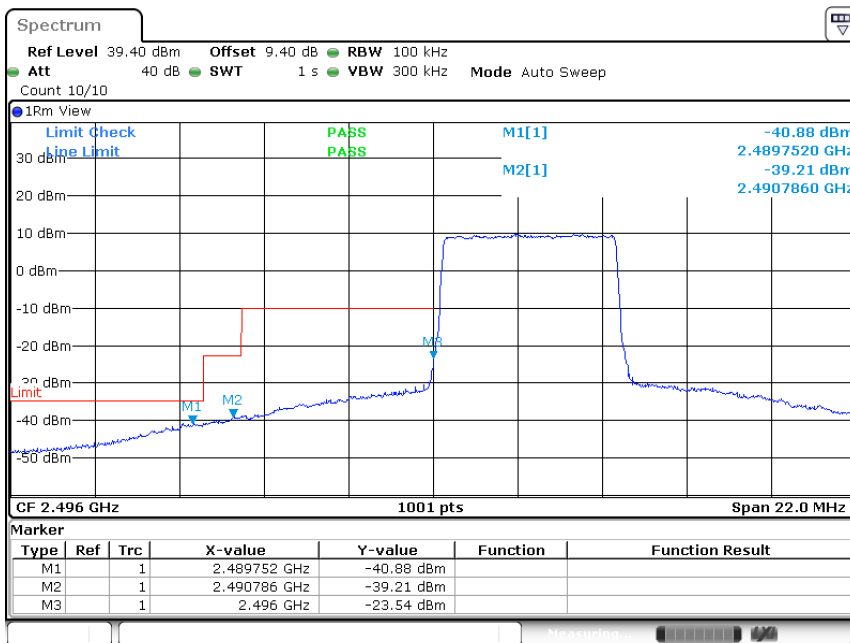


Date: 10.DEC.2020 13:23:05



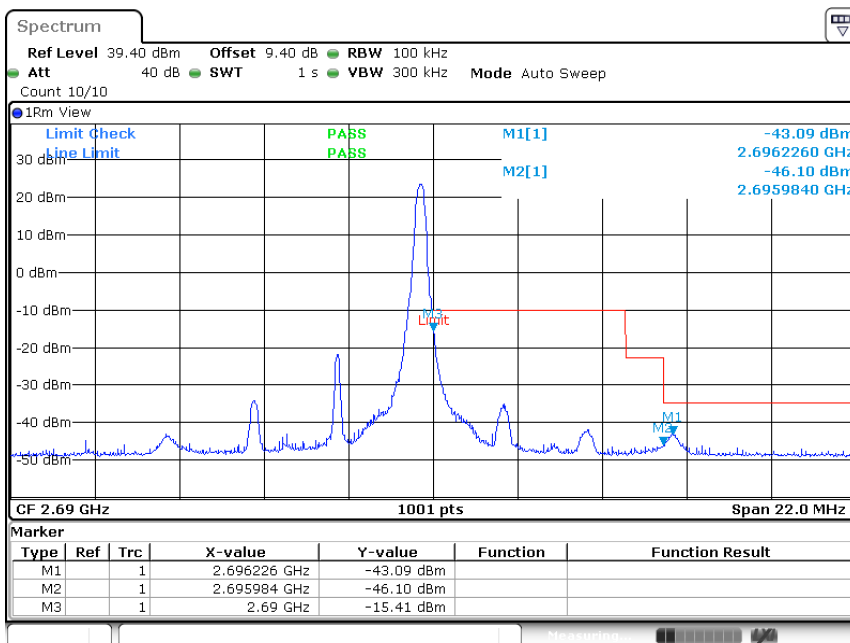
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Band41-5MHz-64QAM-39675-25RB#0



Date: 10.DEC.2020 13:23:59

Band41-5MHz-64QAM-41565-1RB#24

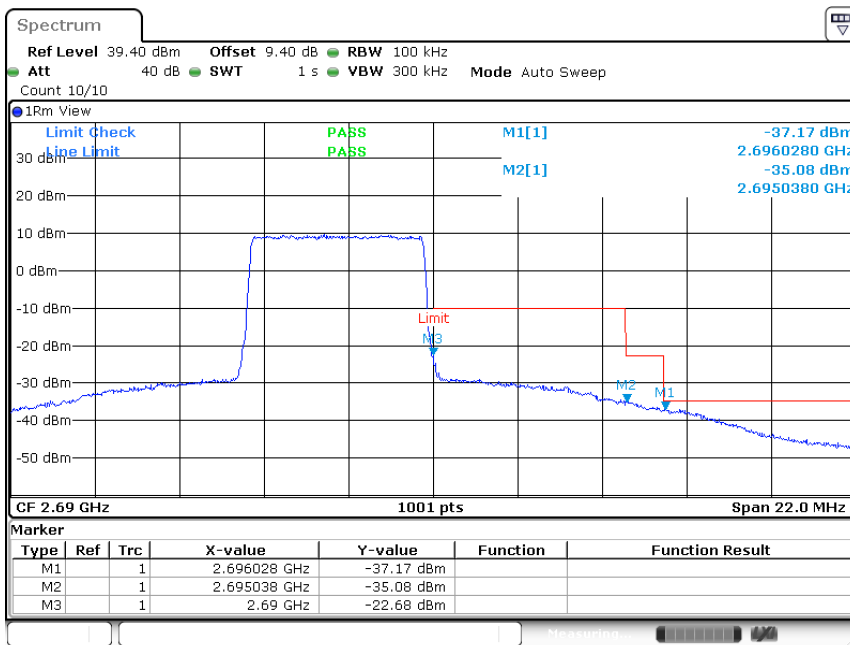


Date: 10.DEC.2020 13:23:32



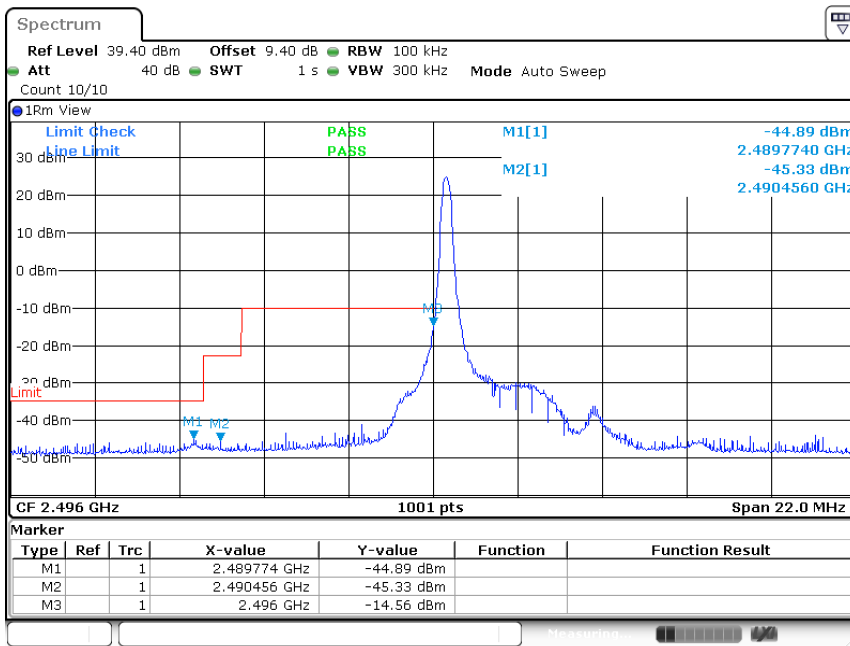
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Band41-5MHz-64QAM-41565-25RB#0



Date: 10.DEC.2020 13:24:21

Band41-5MHz-16QAM-39675-1RB#0

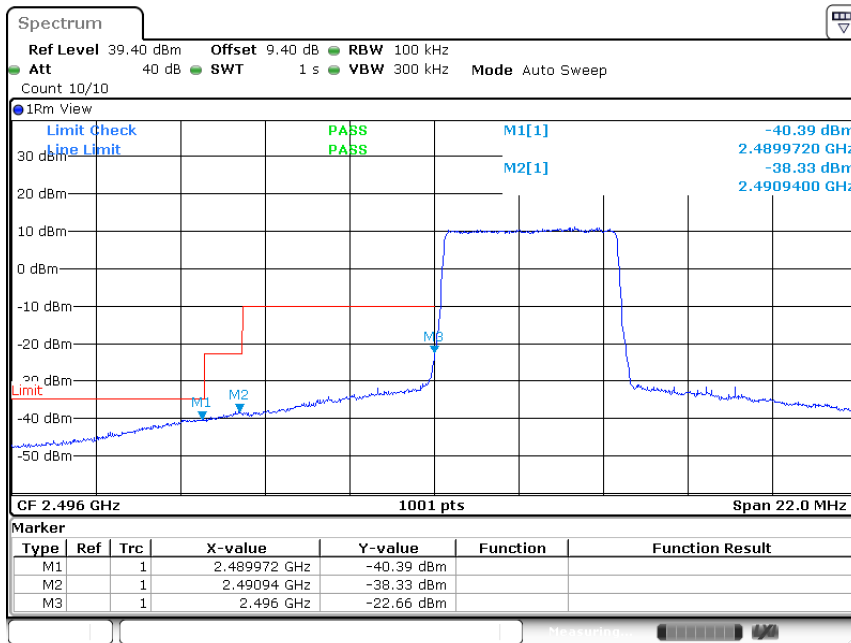


Date: 10.DEC.2020 12:49:41



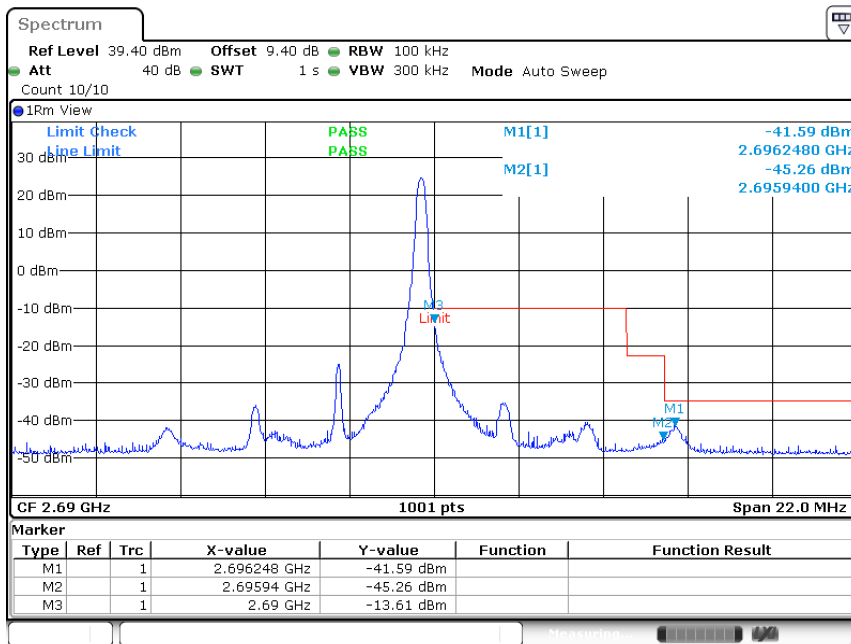
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Band41-5MHz-16QAM-39675-25RB#0



Date: 10.DEC.2020 12:51:17

Band41-5MHz-16QAM-41565-1RB#24

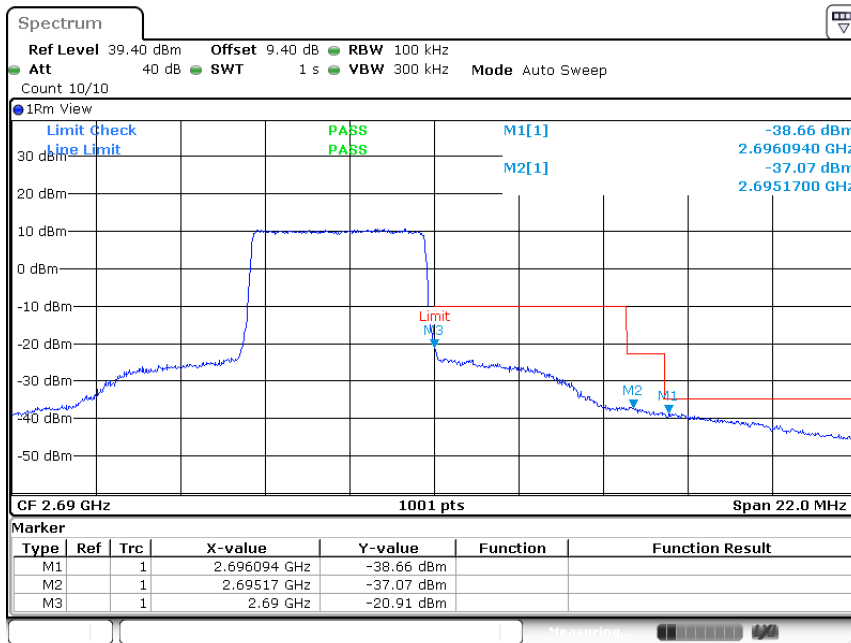


Date: 10.DEC.2020 12:50:29



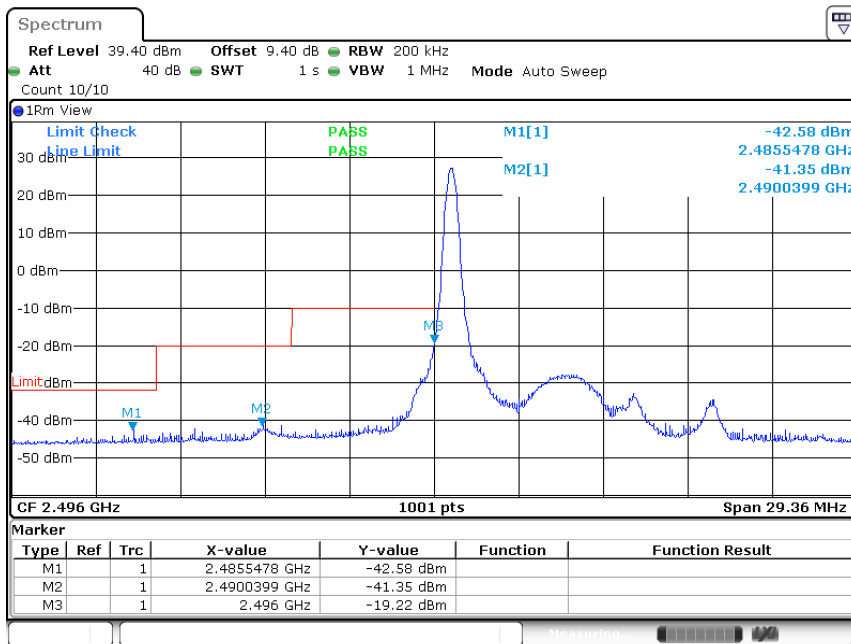
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Band41-5MHz-16QAM-41565-25RB#0



Date: 10.DEC.2020 12:52:01

Band41-10MHz-QPSK-39700-1RB#0

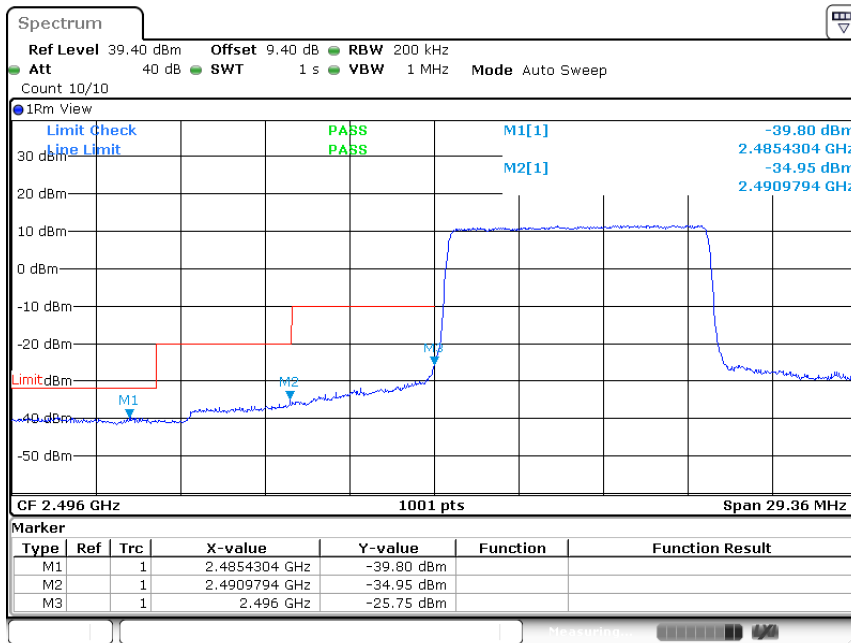


Date: 10.DEC.2020 12:52:29



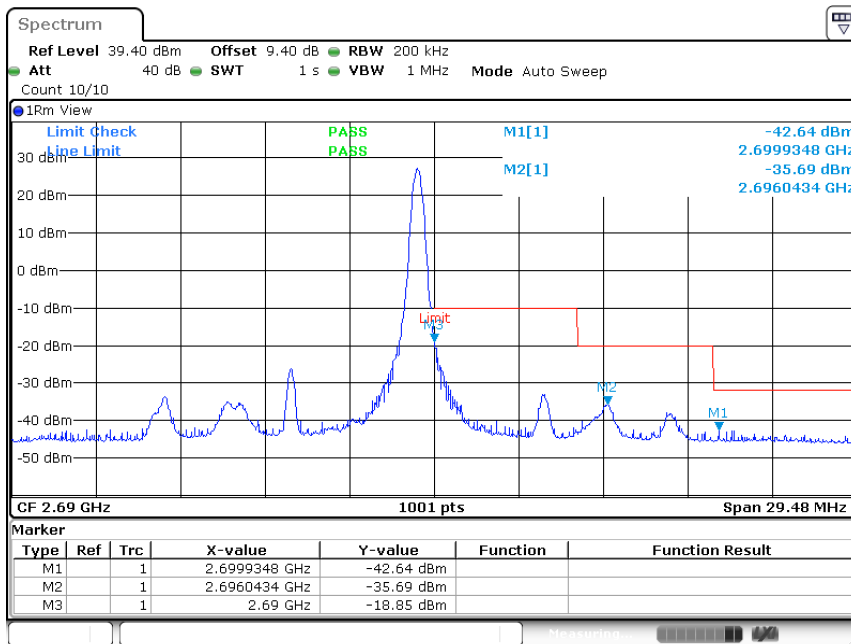
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Band41-10MHz-QPSK-39700-50RB#0



Date: 10.DEC.2020 12:54:05

Band41-10MHz-QPSK-41540-1RB#49

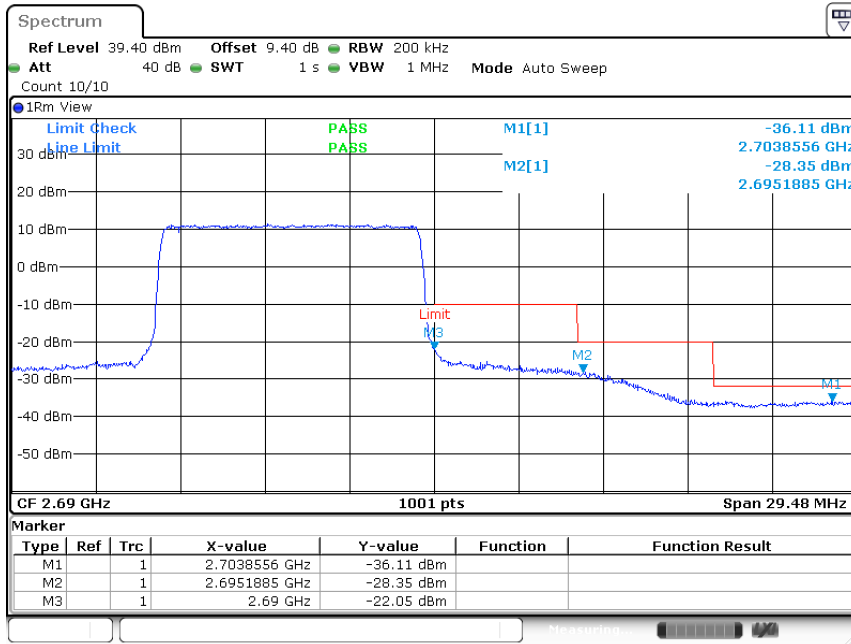


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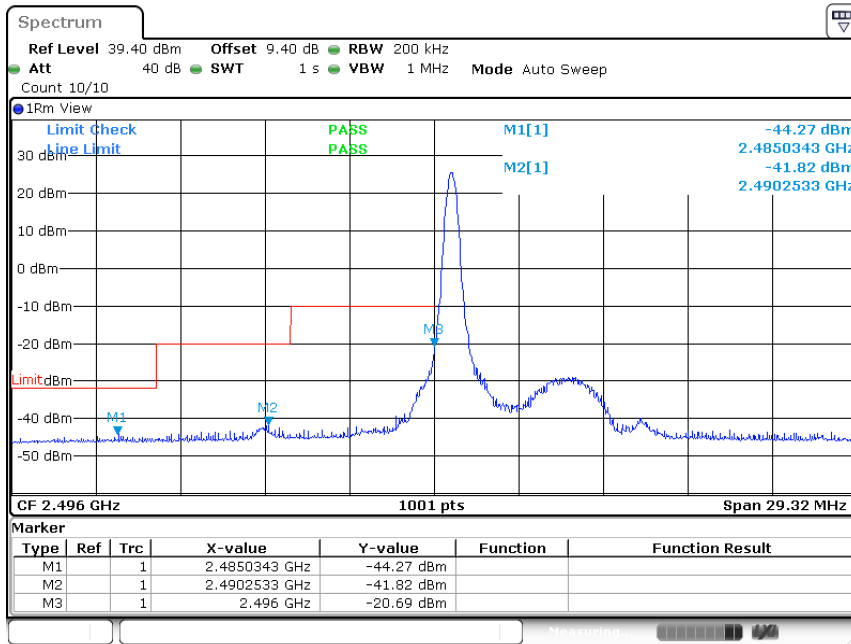
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Band41-10MHz-QPSK-41540-50RB#0



Date: 10.DEC.2020 12:54:49

Band41-10MHz-64QAM-39700-1RB#0

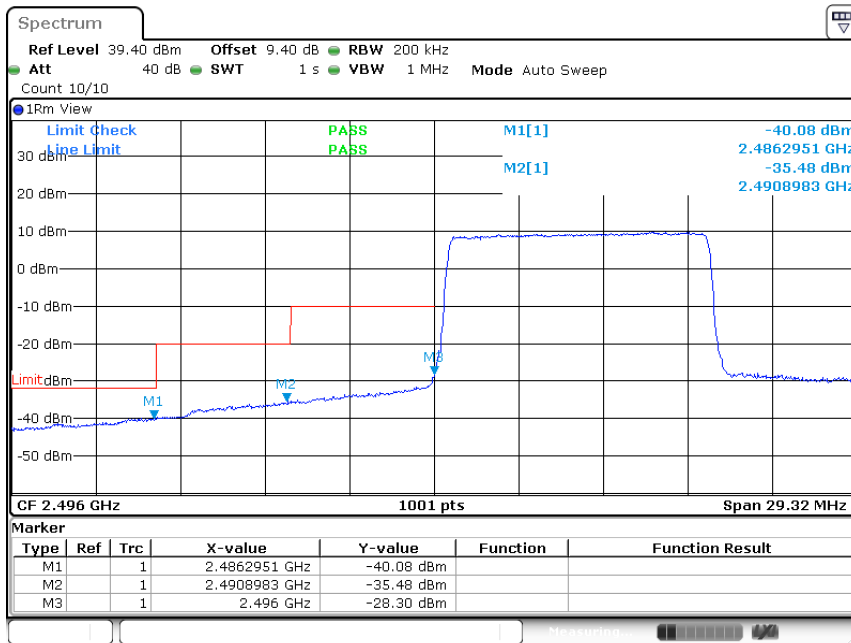


Date: 10.DEC.2020 13:24:50



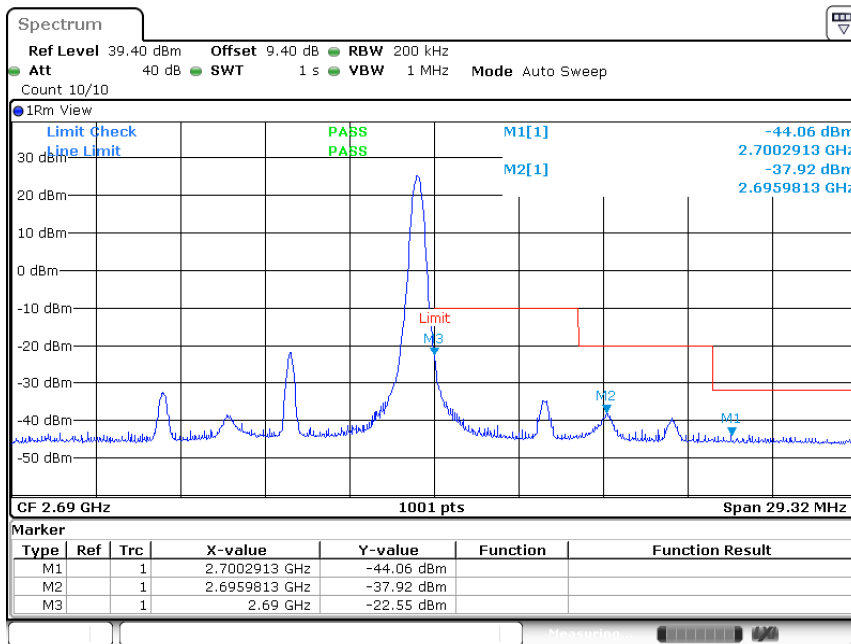
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Band41-10MHz-64QAM-39700-50RB#0



Date: 10.DEC.2020 13:25:44

Band41-10MHz-64QAM-41540-1RB#49

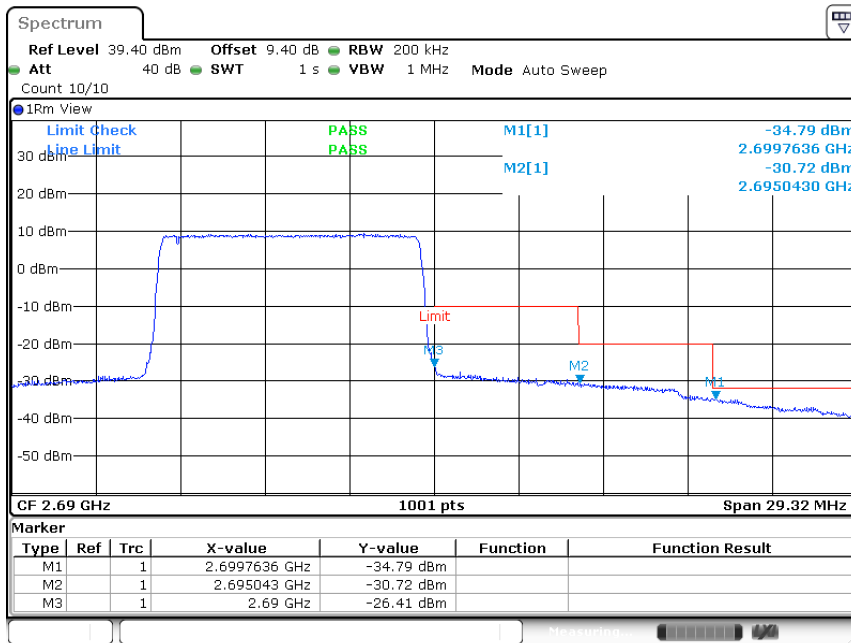


Date: 10.DEC.2020 13:25:17



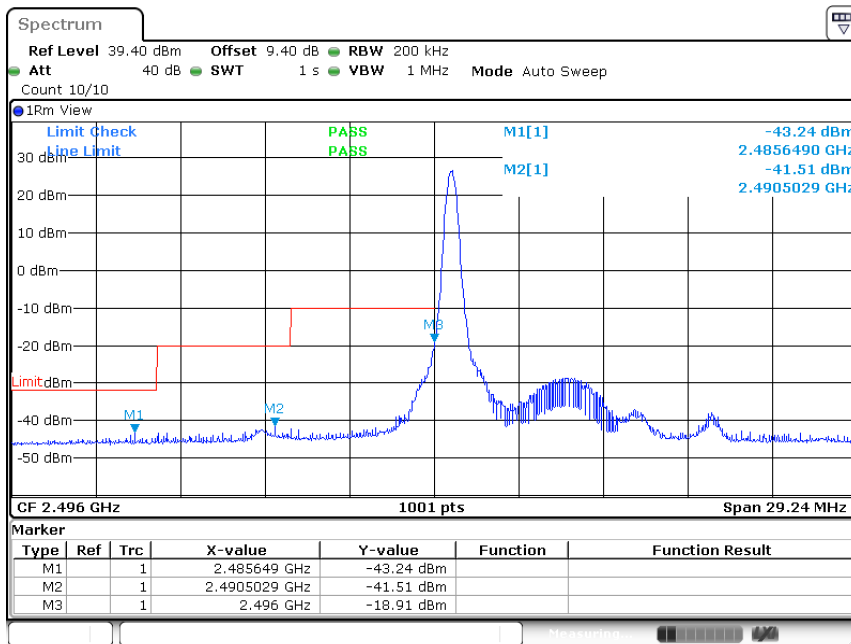
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Band41-10MHz-64QAM-41540-50RB#0



Date: 10.DEC.2020 13:26:06

Band41-10MHz-16QAM-39700-1RB#0

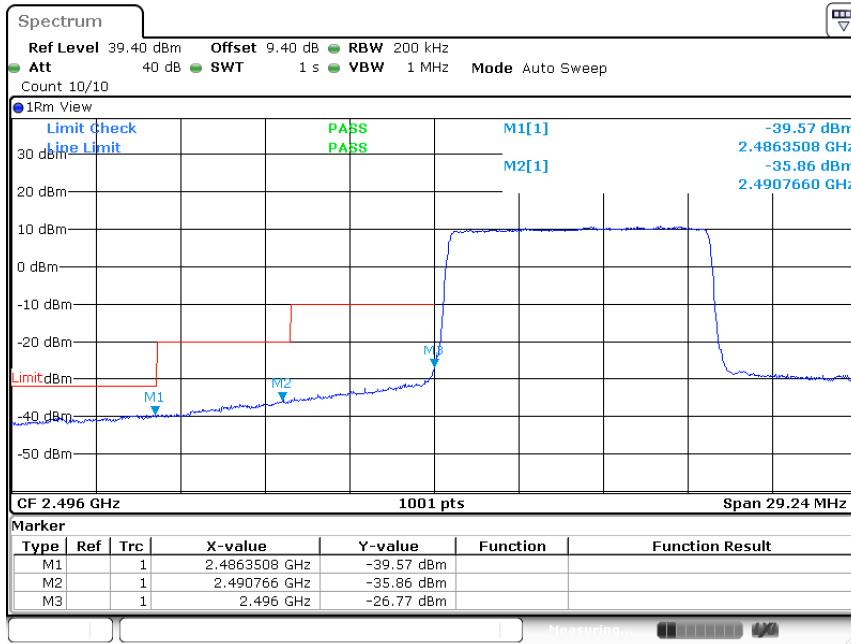


Date: 10.DEC.2020 12:52:51



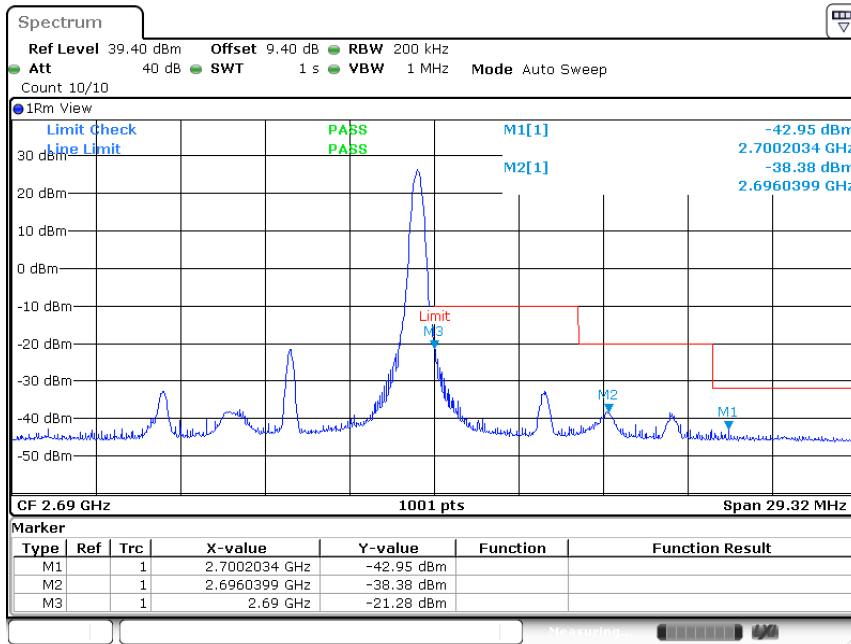
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Band41-10MHz-16QAM-39700-50RB#0



Date: 10.DEC.2020 12:54:27

Band41-10MHz-16QAM-41540-1RB#49

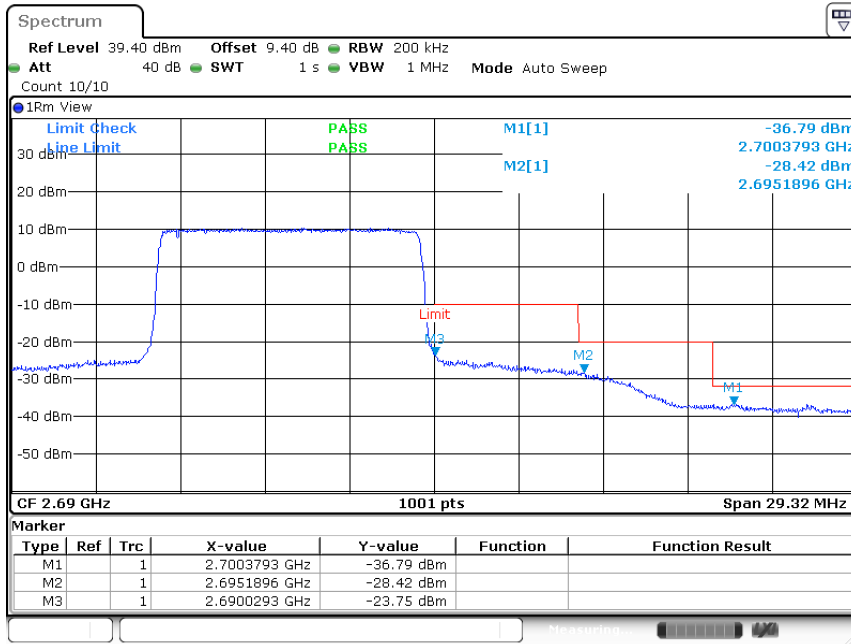


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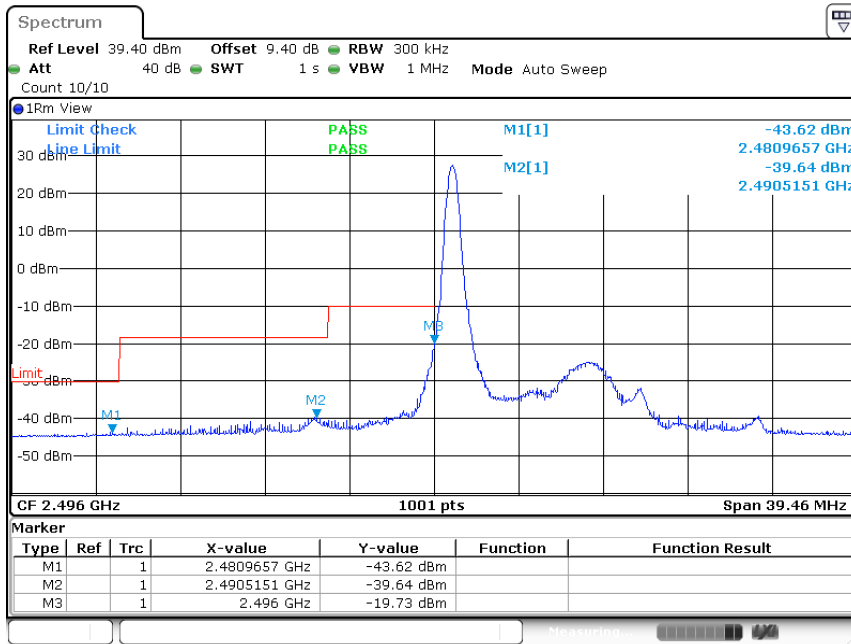
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Band41-10MHz-16QAM-41540-50RB#0



Date: 10.DEC.2020 12:55:11

Band41-15MHz-QPSK-39725-1RB#0

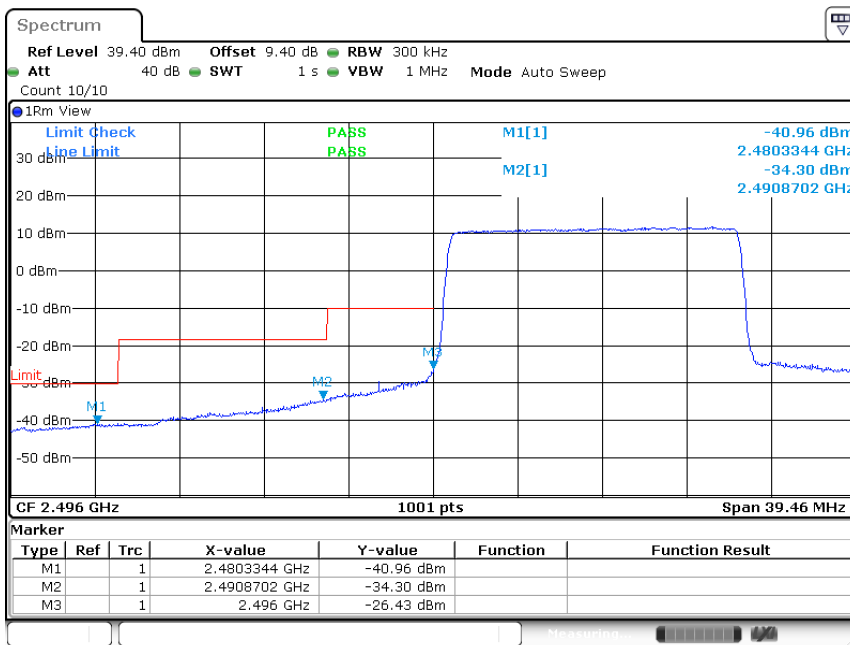


Date: 10.DEC.2020 12:55:39



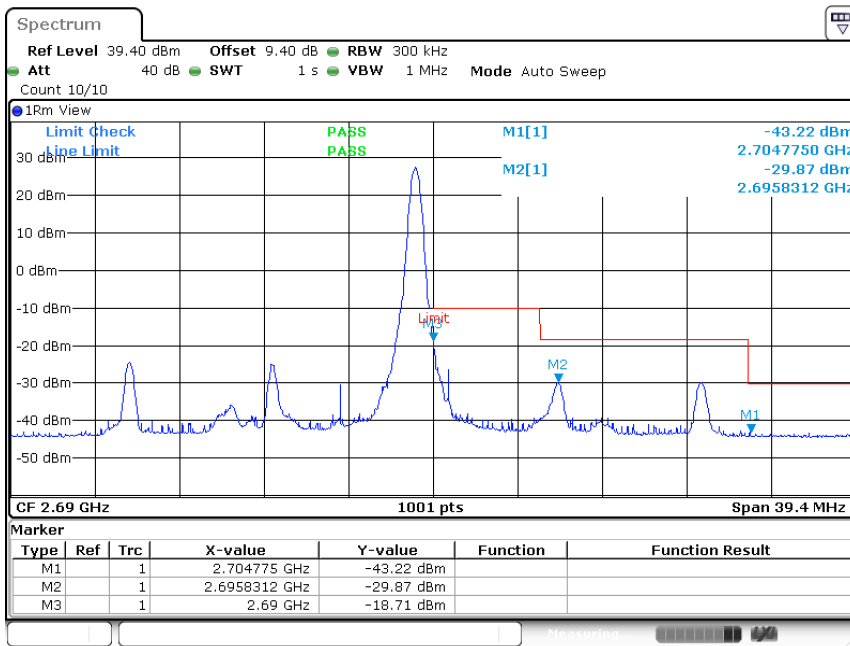
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Band41-15MHz-QPSK-39725-75RB#0



Date: 10.DEC.2020 12:57:14

Band41-15MHz-QPSK-41515-1RB#74

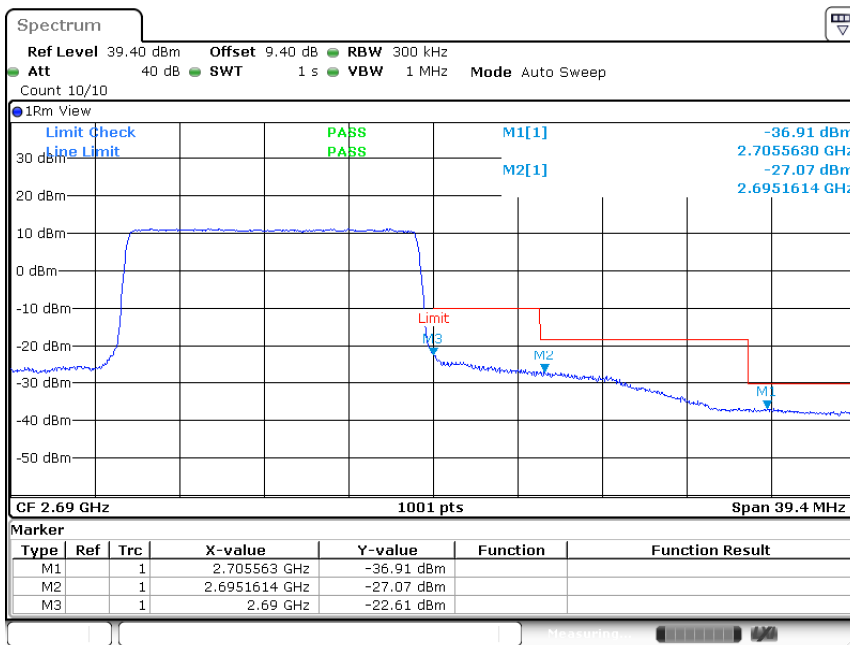


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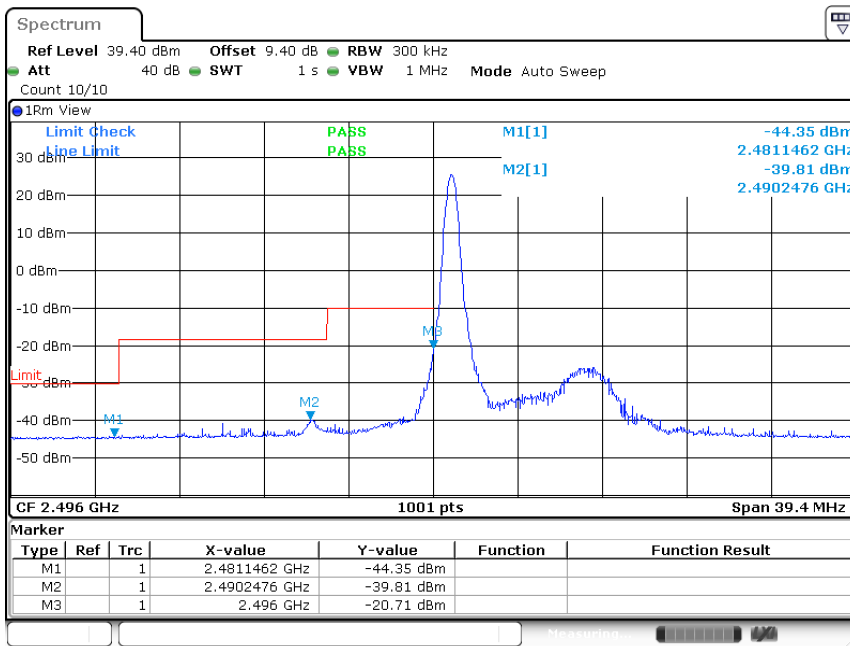
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Band41-15MHz-QPSK-41515-75RB#0



Date: 10.DEC.2020 12:57:58

Band41-15MHz-64QAM-39725-1RB#0

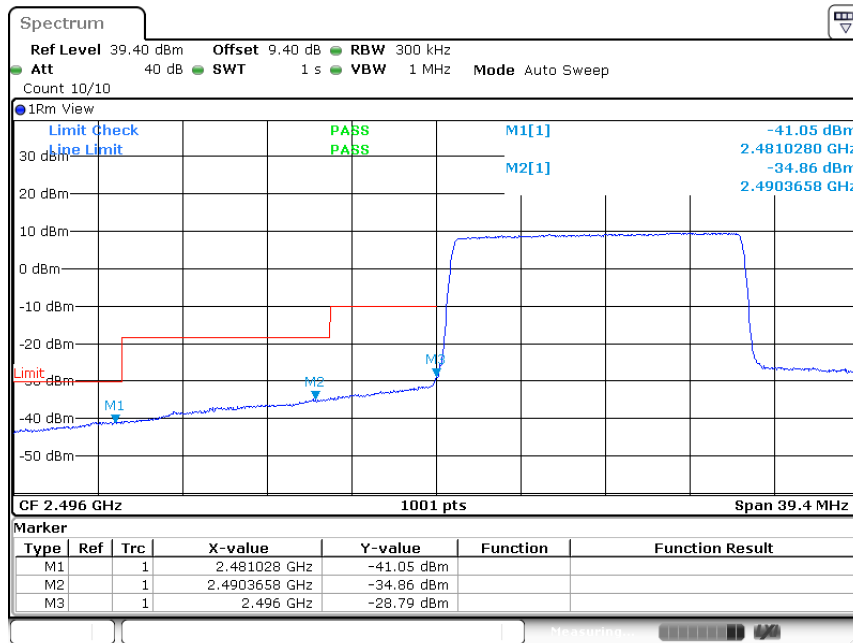


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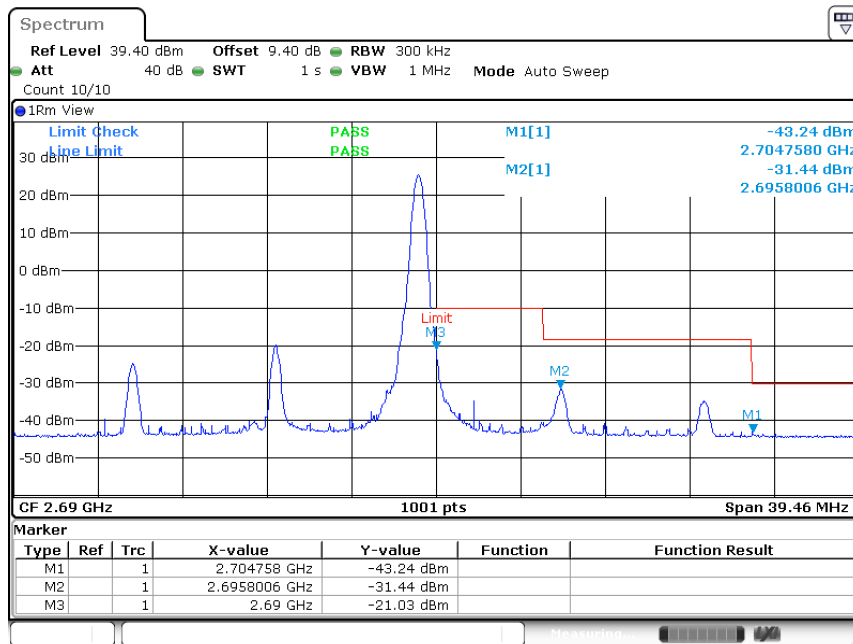
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Band41-15MHz-64QAM-39725-75RB#0



Date: 10.DEC.2020 13:27:30

Band41-15MHz-64QAM-41515-1RB#74



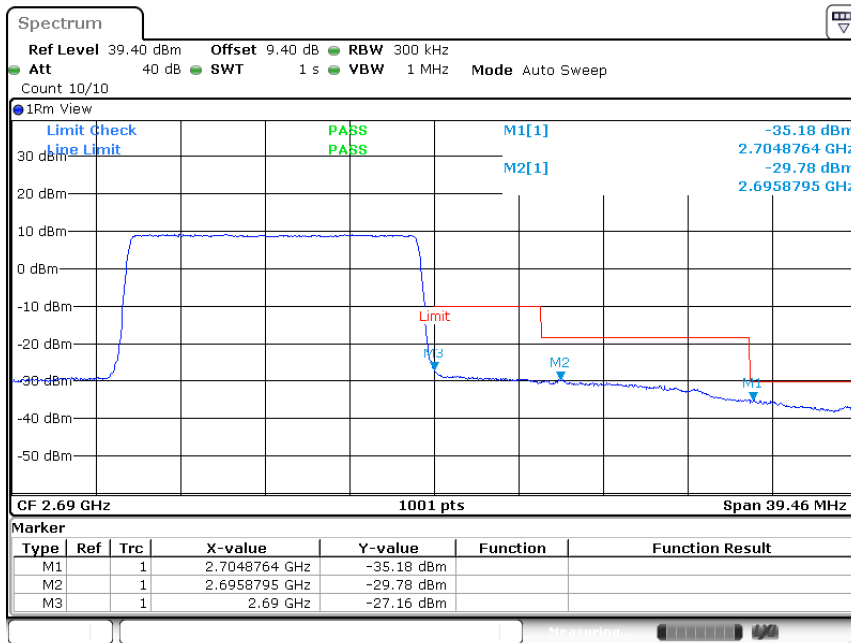
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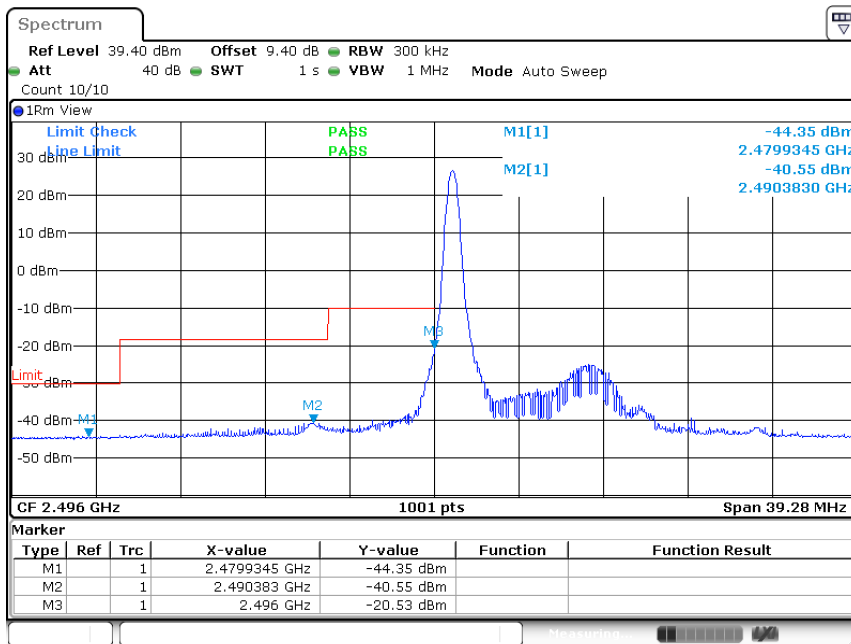
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Band41-15MHz-64QAM-41515-75RB#0



Date: 10.DEC.2020 13:27:51

Band41-15MHz-16QAM-39725-1RB#0

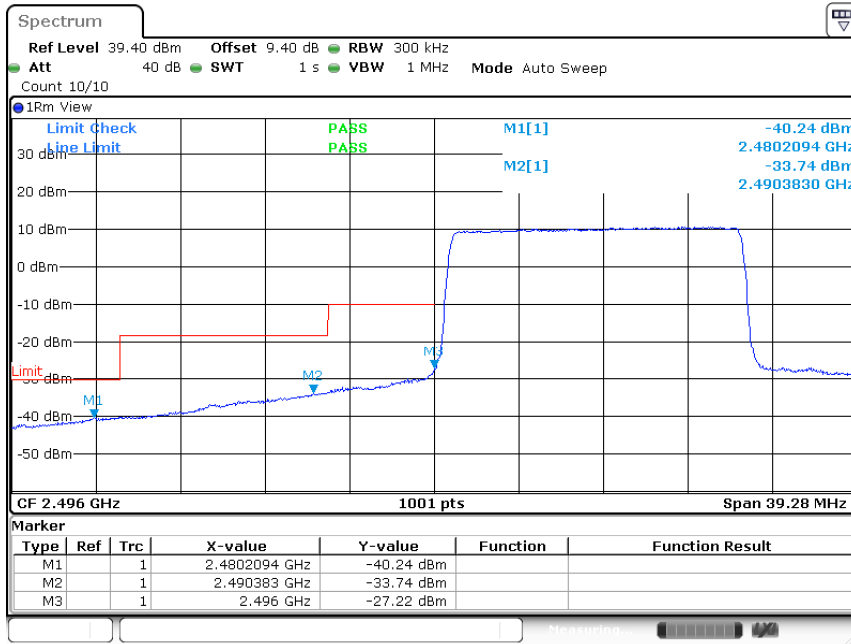


Date: 10.DEC.2020 12:56:00



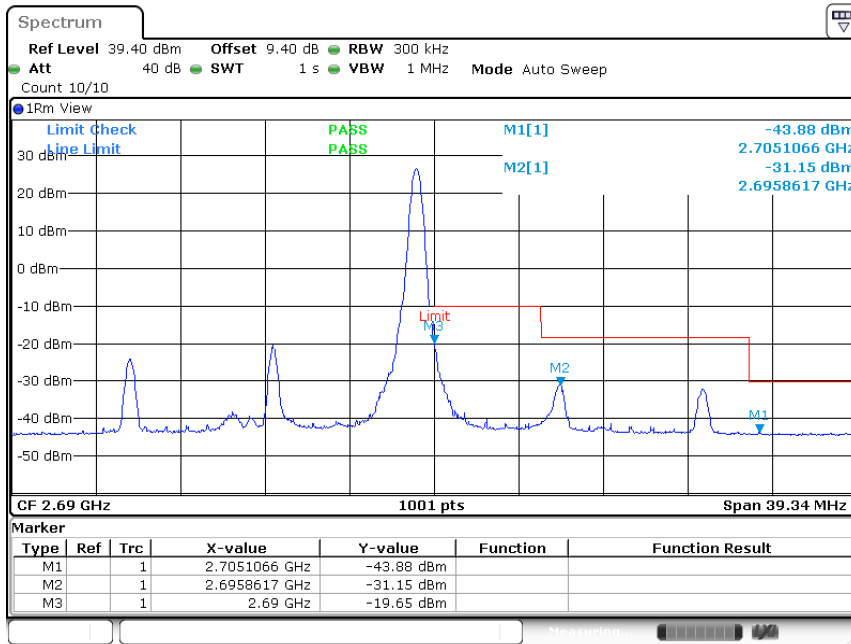
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Band41-15MHz-16QAM-39725-75RB#0



Date: 10.DEC.2020 12:57:36

Band41-15MHz-16QAM-41515-1RB#74



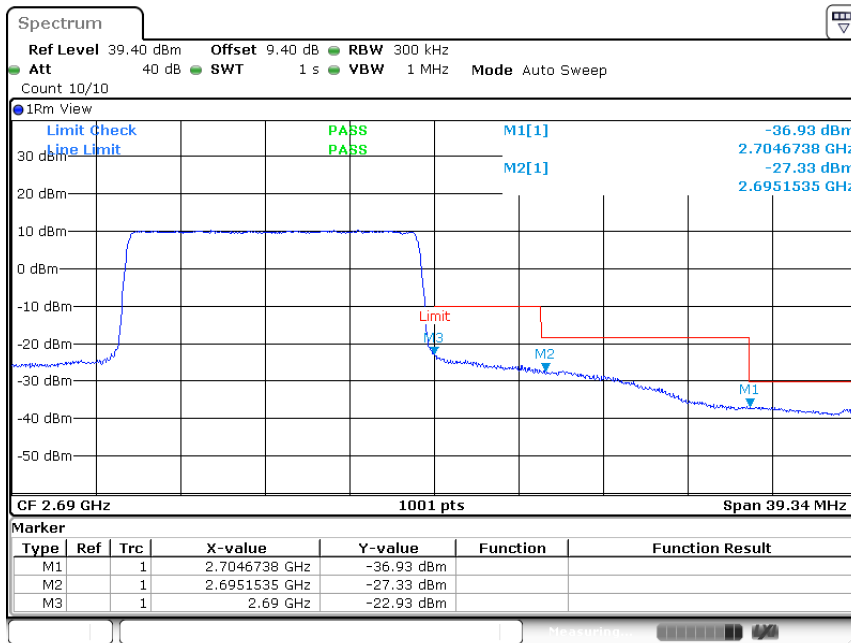
Date: 10.DEC.2020 12:56:48



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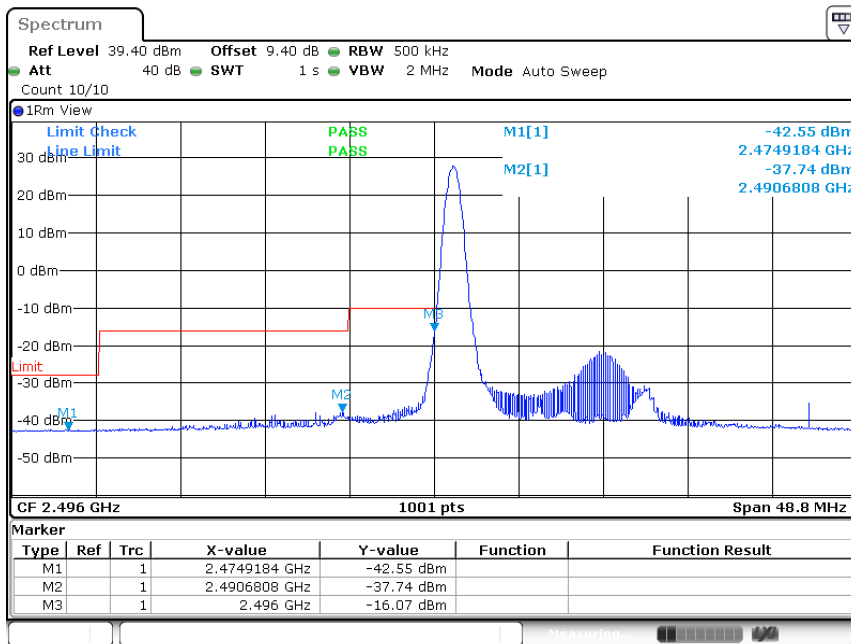
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Band41-15MHz-16QAM-41515-75RB#0



Date: 10.DEC.2020 12:58:20

Band41-20MHz-QPSK-39750-1RB#0

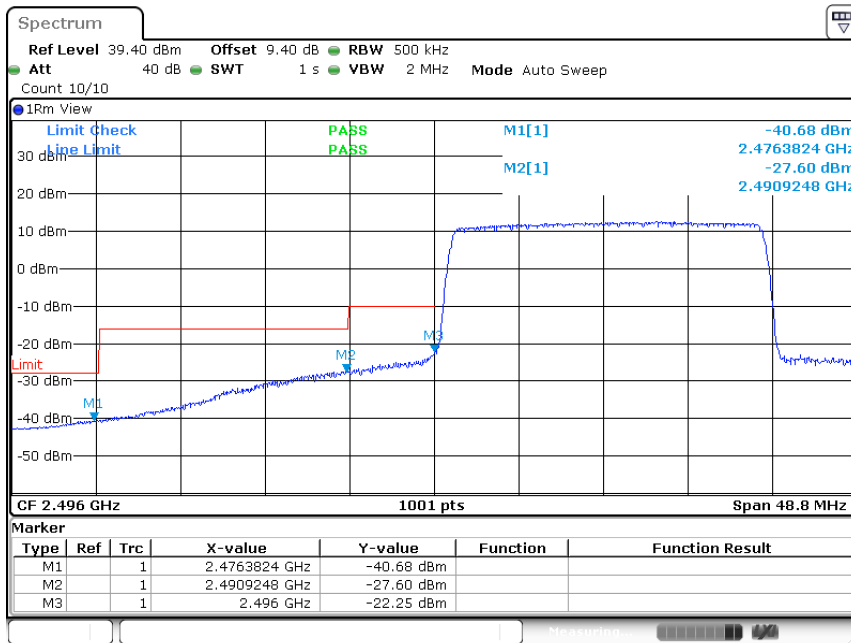


Date: 10.DEC.2020 12:58:48



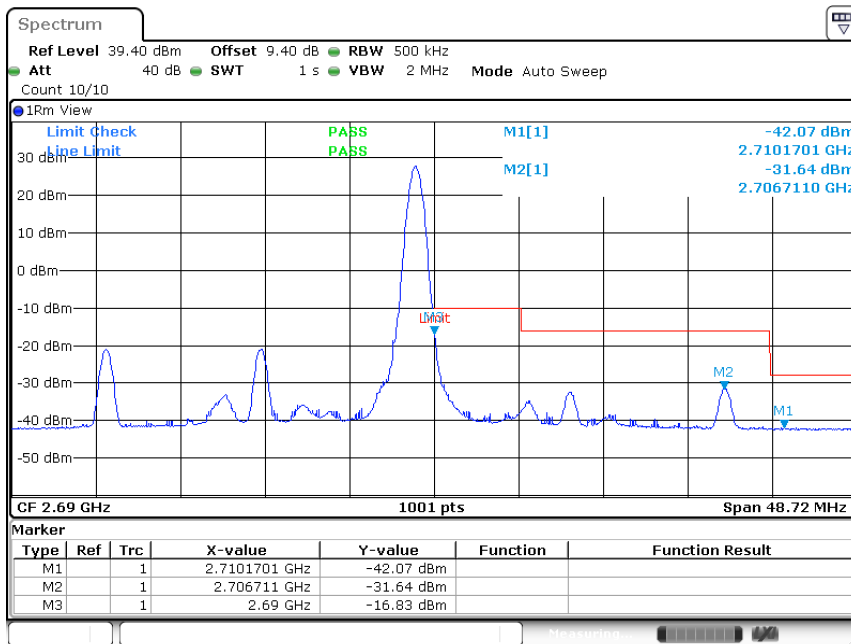
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Band41-20MHz-QPSK-39750-100RB#0



Date: 10.DEC.2020 13:00:24

Band41-20MHz-QPSK-41490-1RB#99

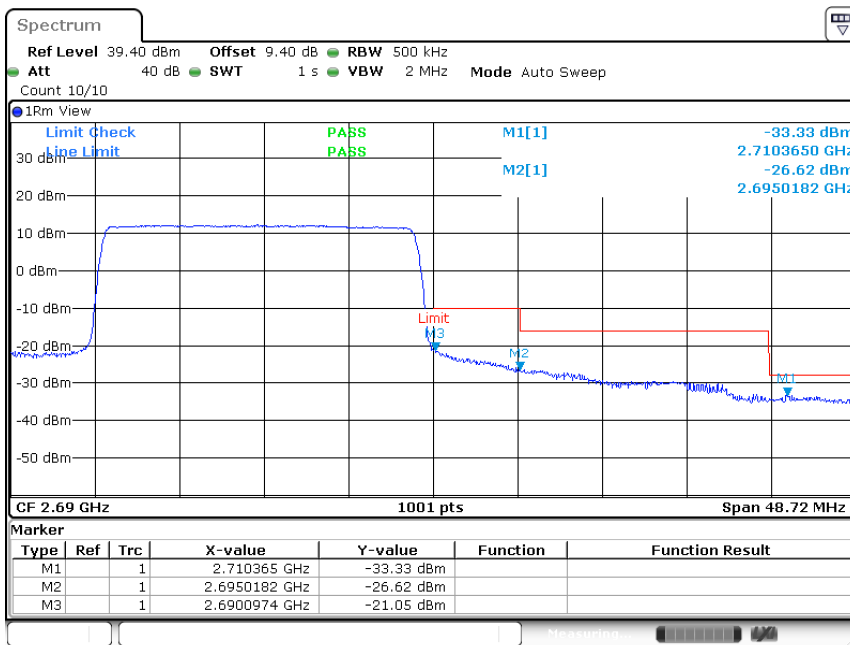


Date: 10.DEC.2020 12:59:36



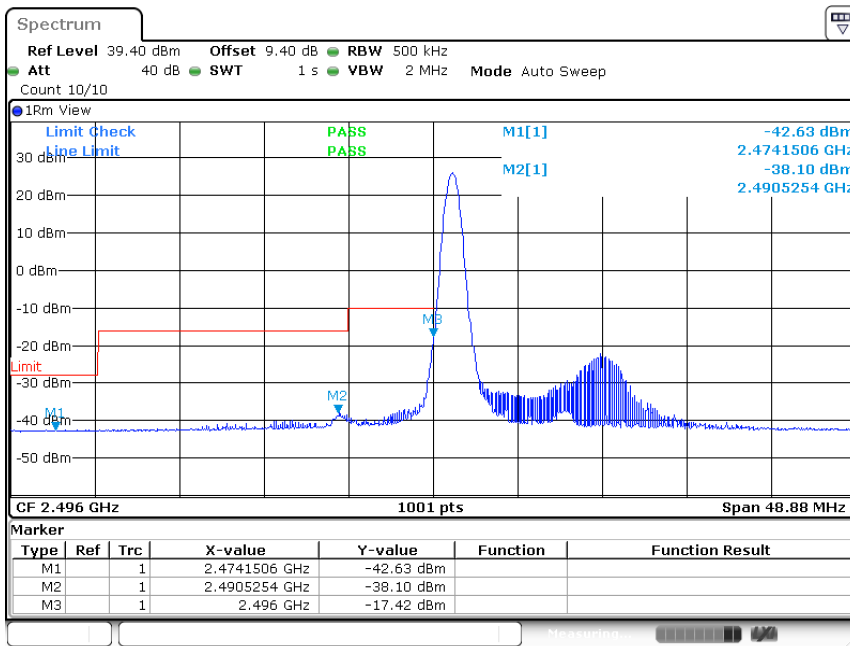
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Band41-20MHz-QPSK-41490-100RB#0



Date: 10.DEC.2020 13:01:08

Band41-20MHz-64QAM-39750-1RB#0

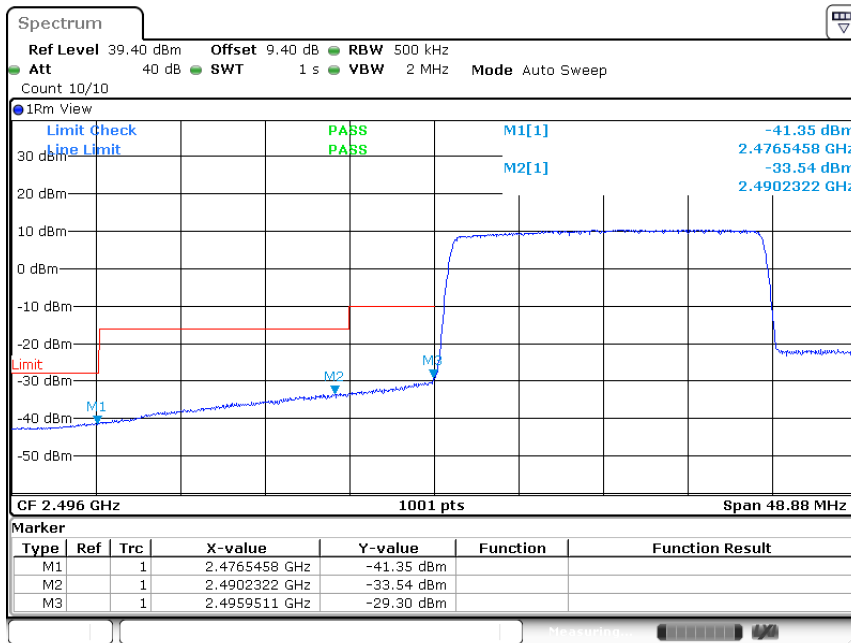


Date: 10.DEC.2020 13:28:20



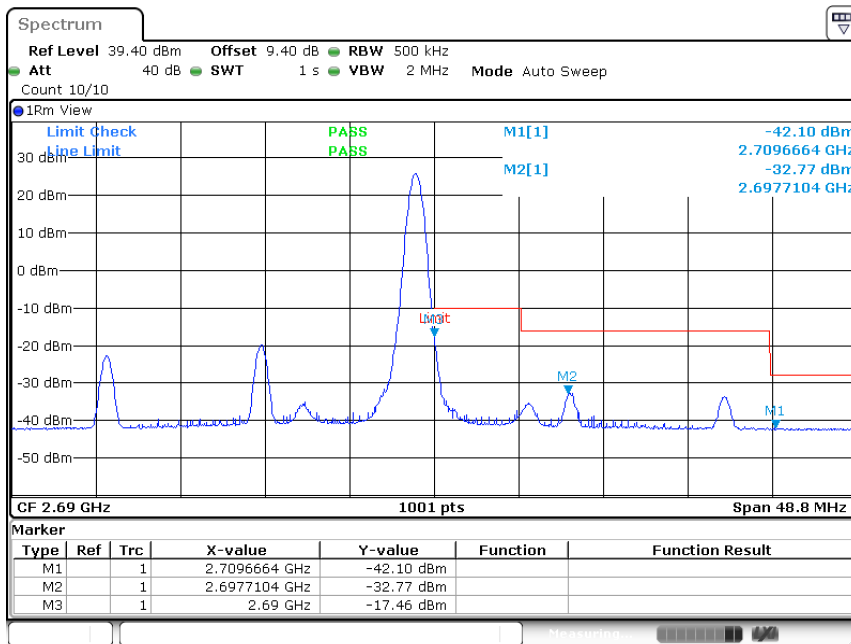
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Band41-20MHz-64QAM-39750-100RB#0



Date: 10.DEC.2020 13:29:14

Band41-20MHz-64QAM-41490-1RB#99

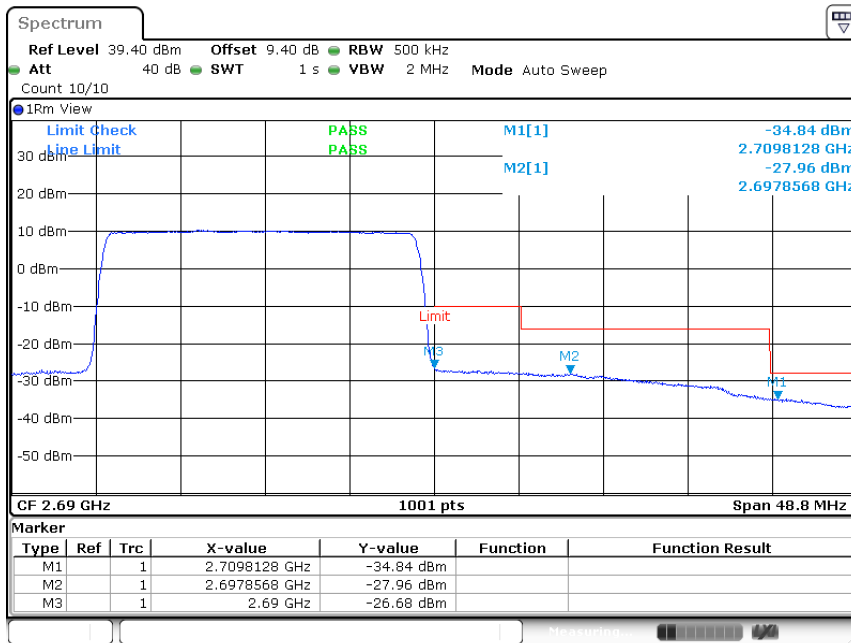


Date: 10.DEC.2020 13:28:47



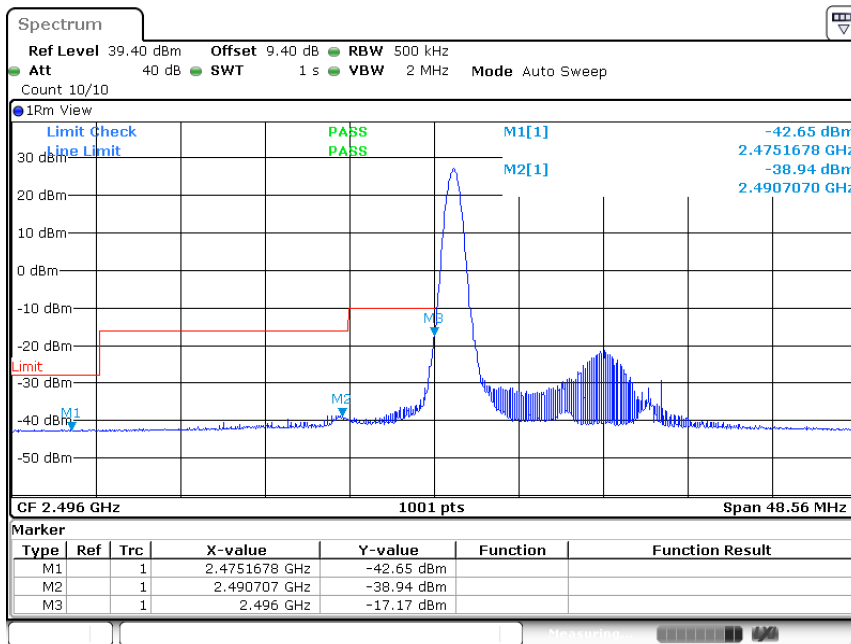
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Band41-20MHz-64QAM-41490-100RB#0



Date: 10.DEC.2020 13:29:36

Band41-20MHz-16QAM-39750-1RB#0

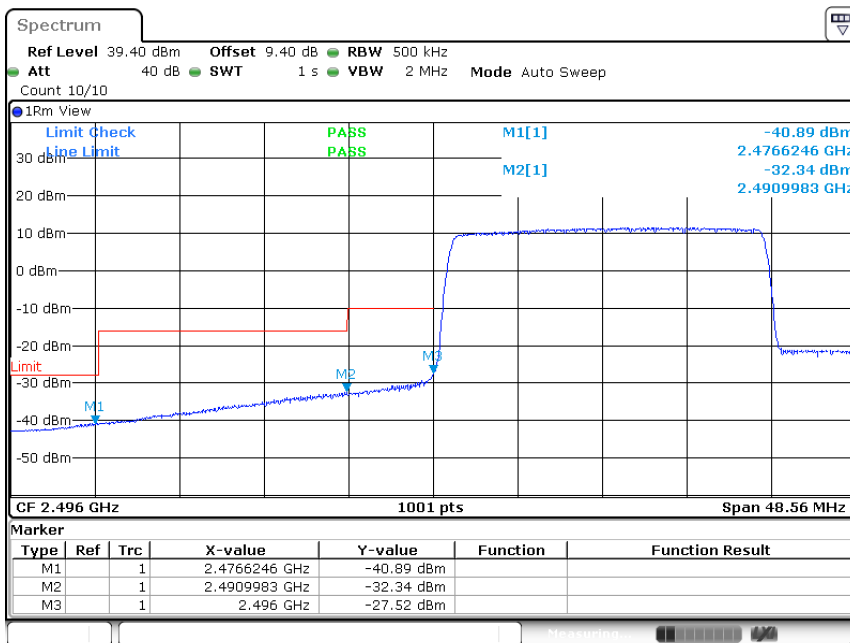


Date: 10.DEC.2020 12:59:10



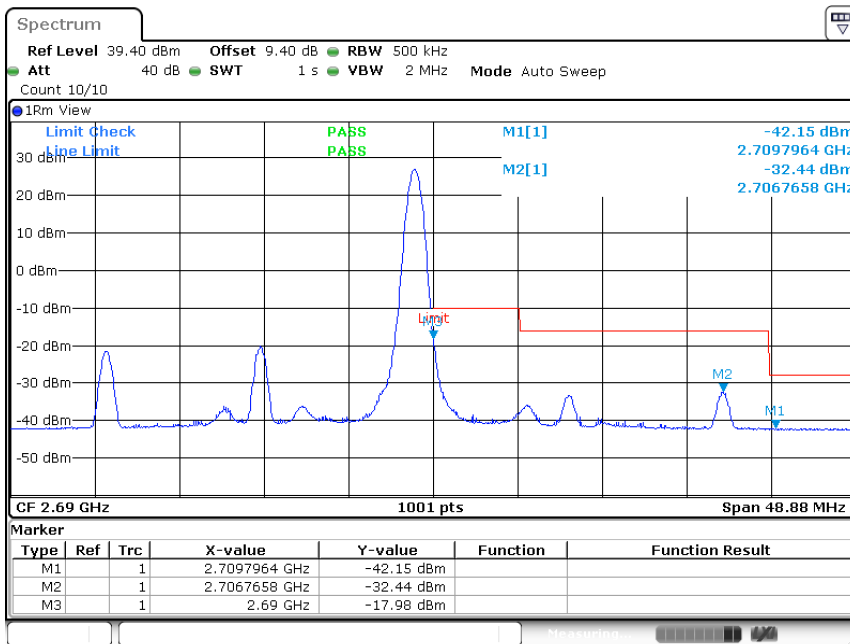
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Band41-20MHz-16QAM-39750-100RB#0



Date: 10.DEC.2020 13:00:46

Band41-20MHz-16QAM-41490-1RB#99

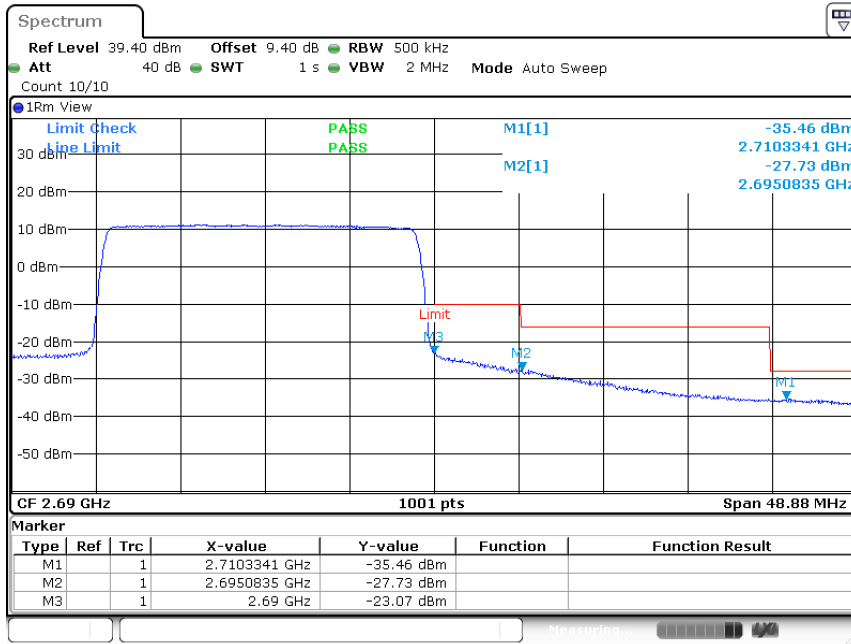


Date: 10.DEC.2020 12:59:58



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Band41-20MHz-16QAM-41490-100RB#0



Date: 10.DEC.2020 13:01:30



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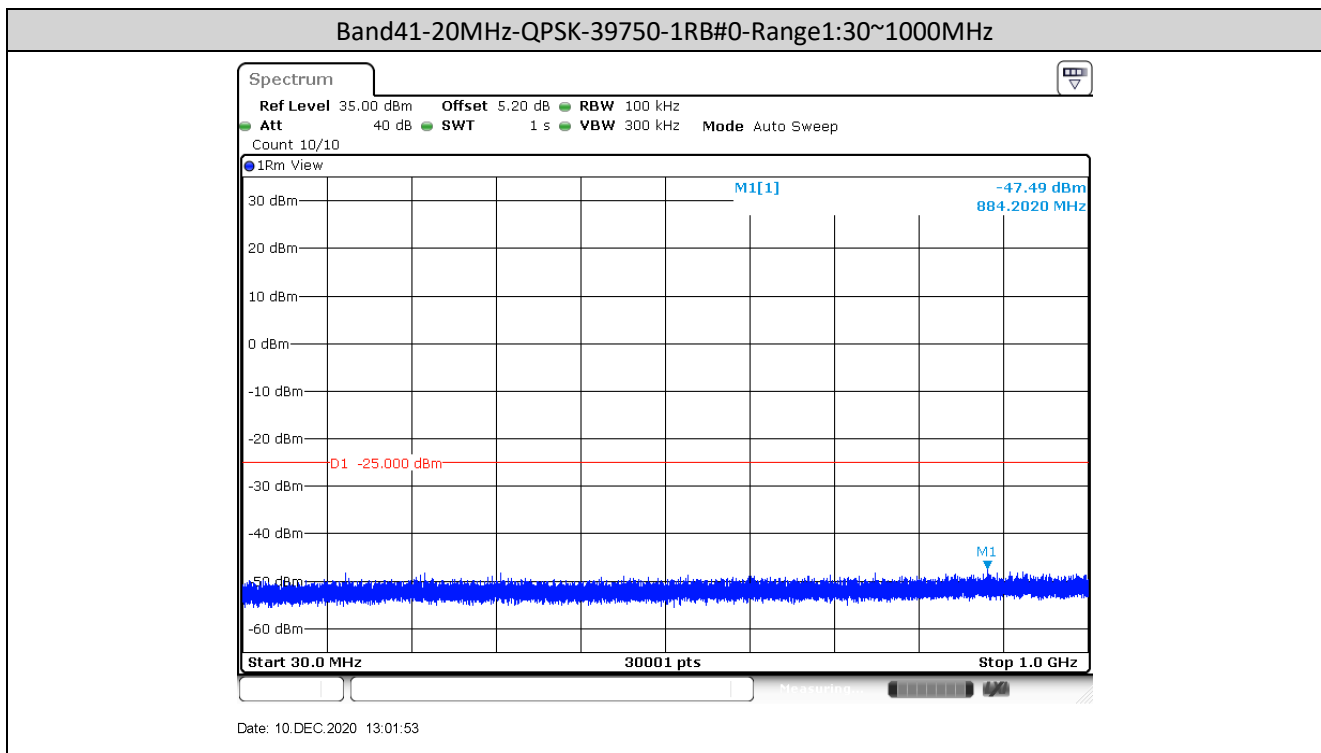
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6. Spurious Emission at Antenna Terminal

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.

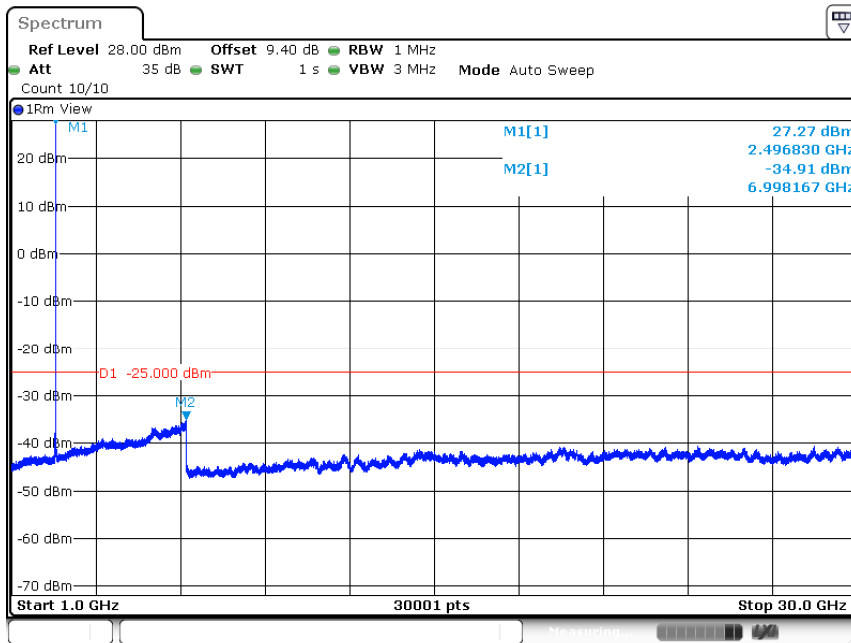
6.1. Test Plots



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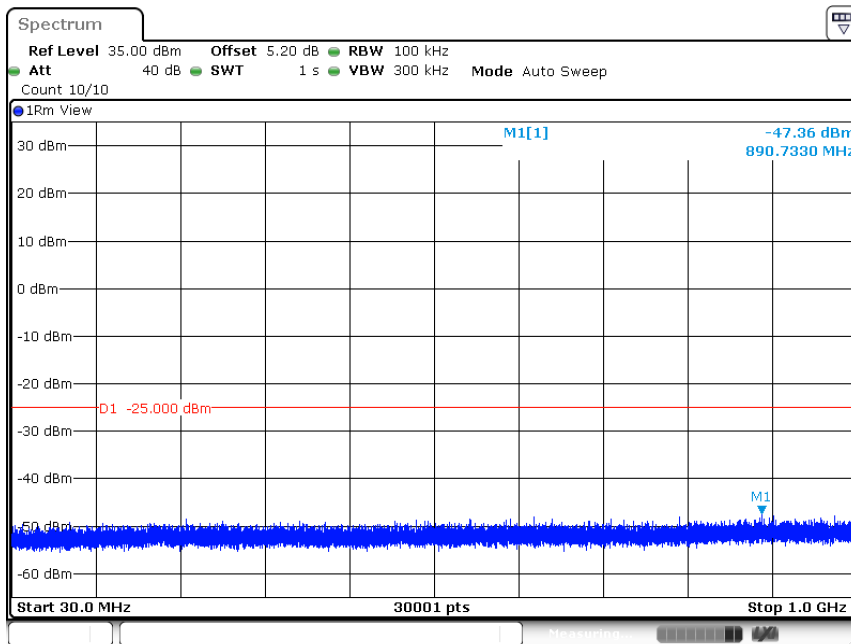
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Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:02:09

Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



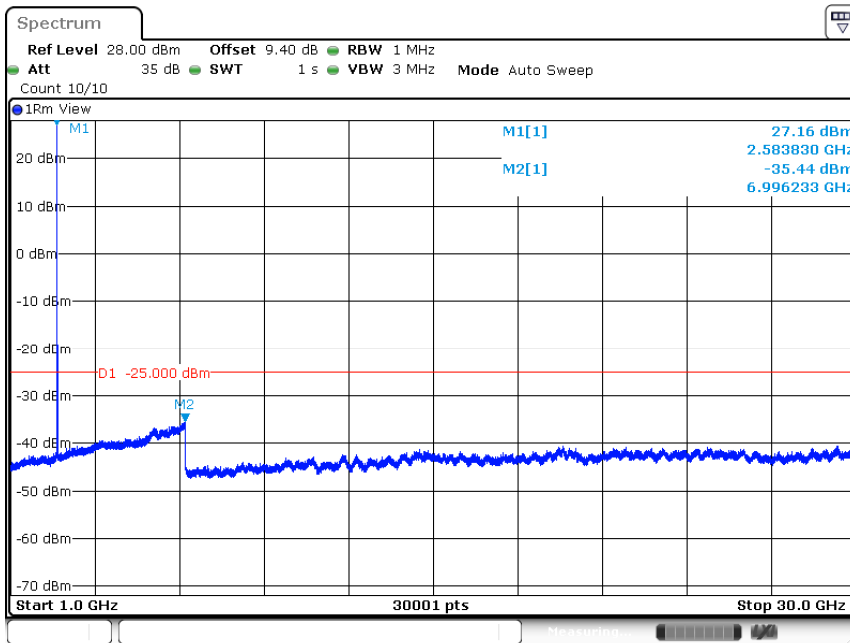
Date: 10.DEC.2020 13:03:04



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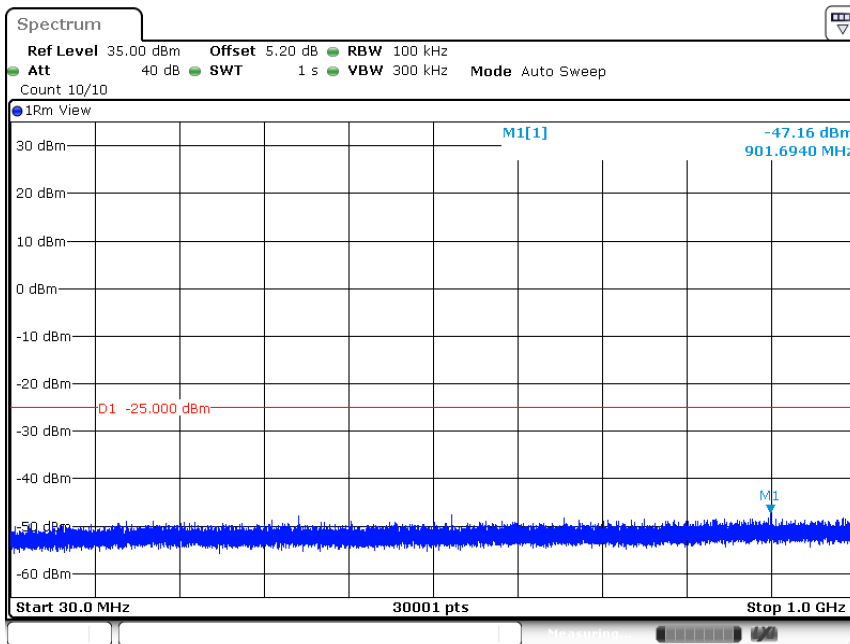
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Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:03:20

Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz

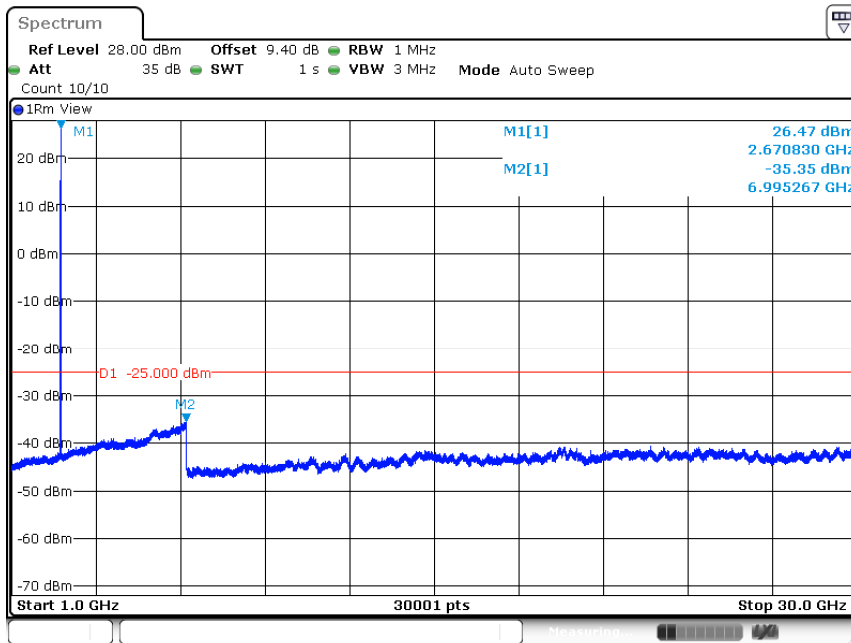


Date: 10.DEC.2020 13:04:14



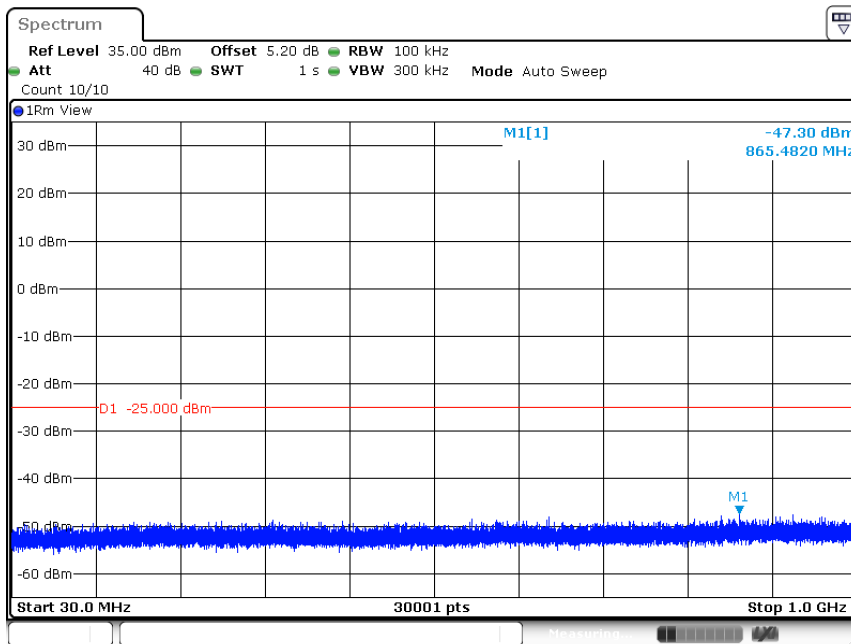
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Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:04:31

Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz



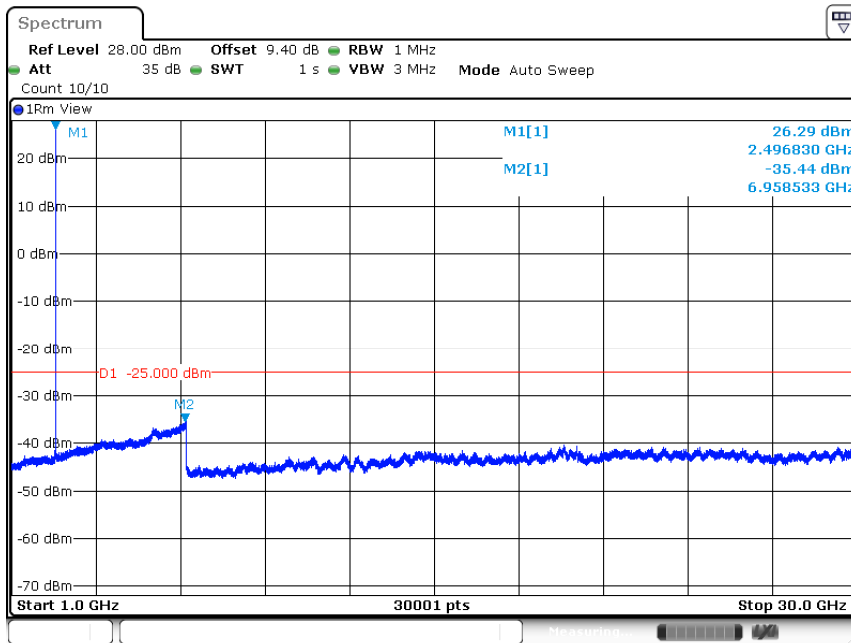
Date: 10.DEC.2020 13:30:00



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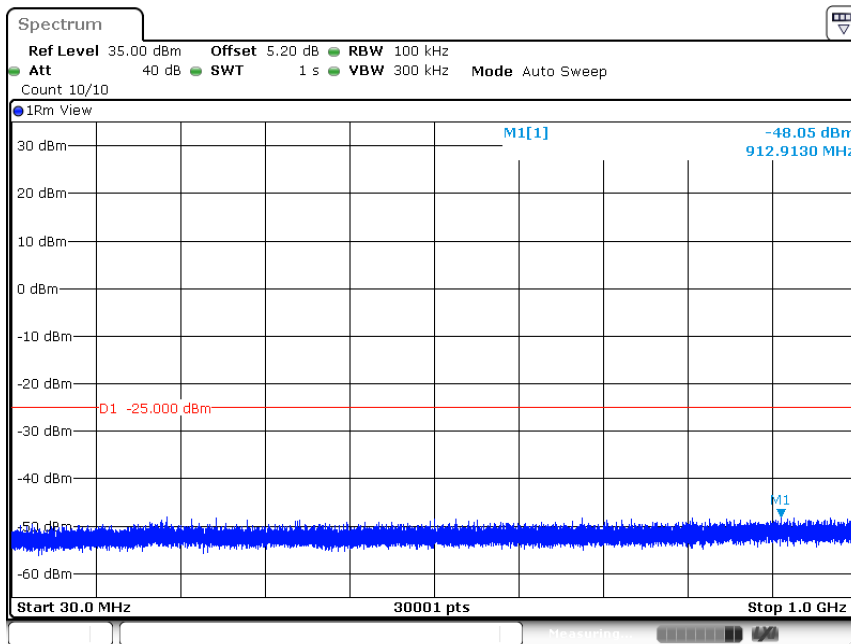
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Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:30:17

Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz

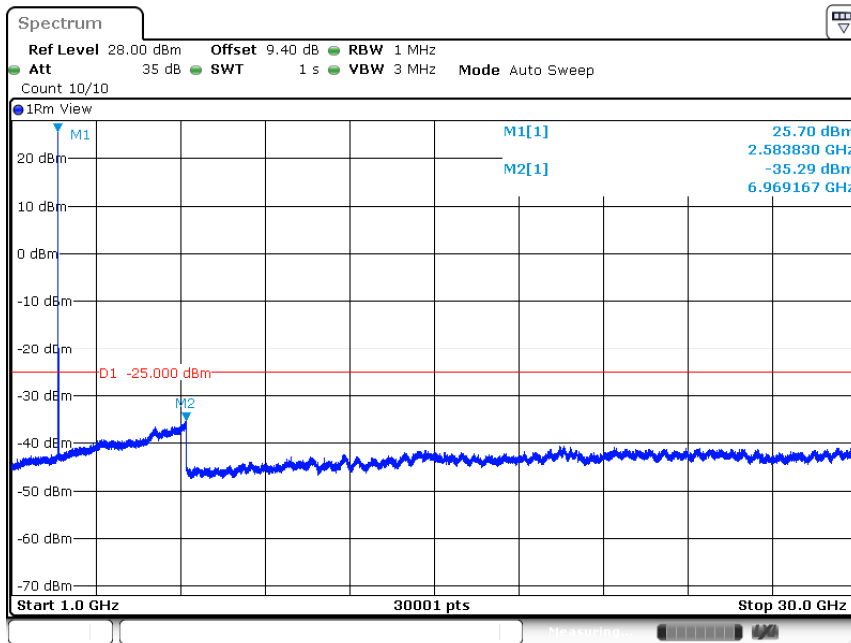


Date: 10.DEC.2020 13:30:36



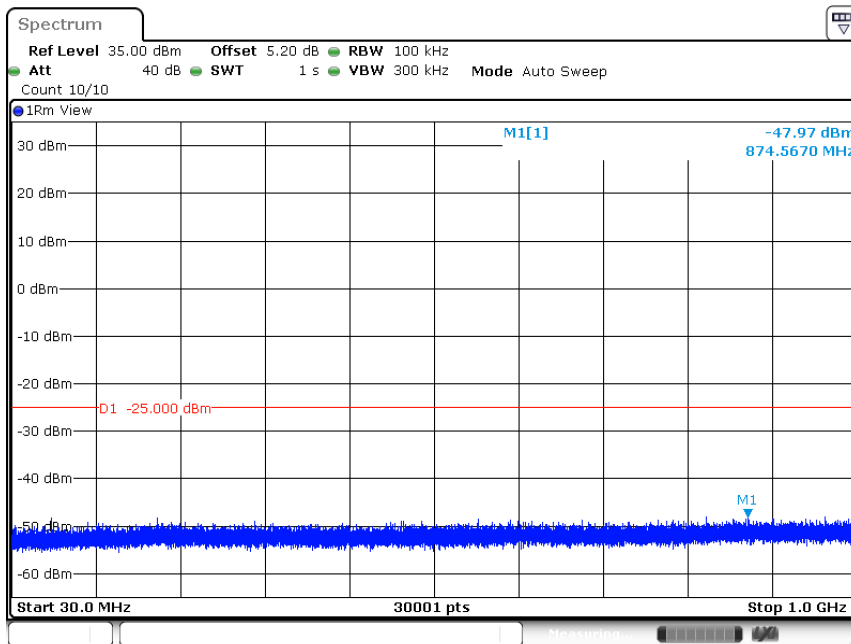
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Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:30:52

Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



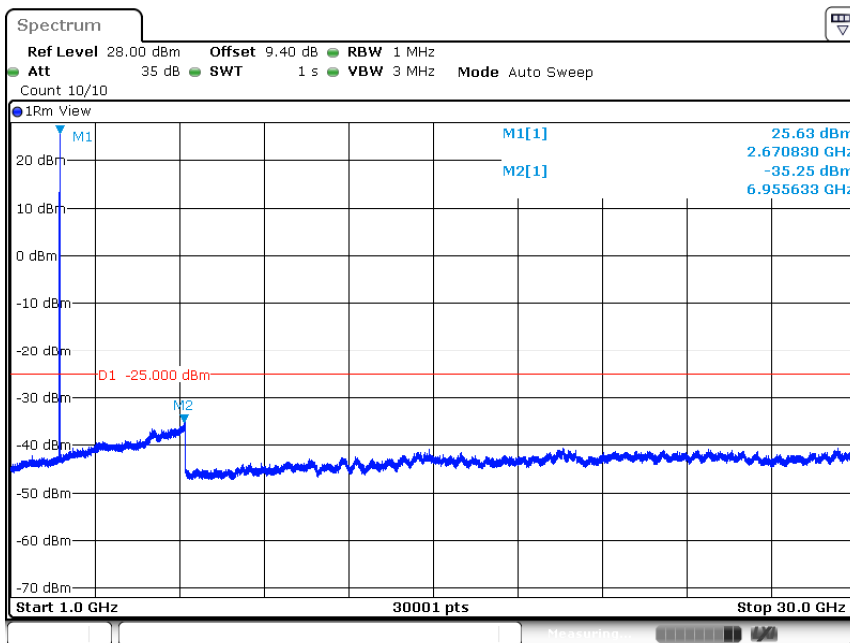
Date: 10.DEC.2020 13:31:12



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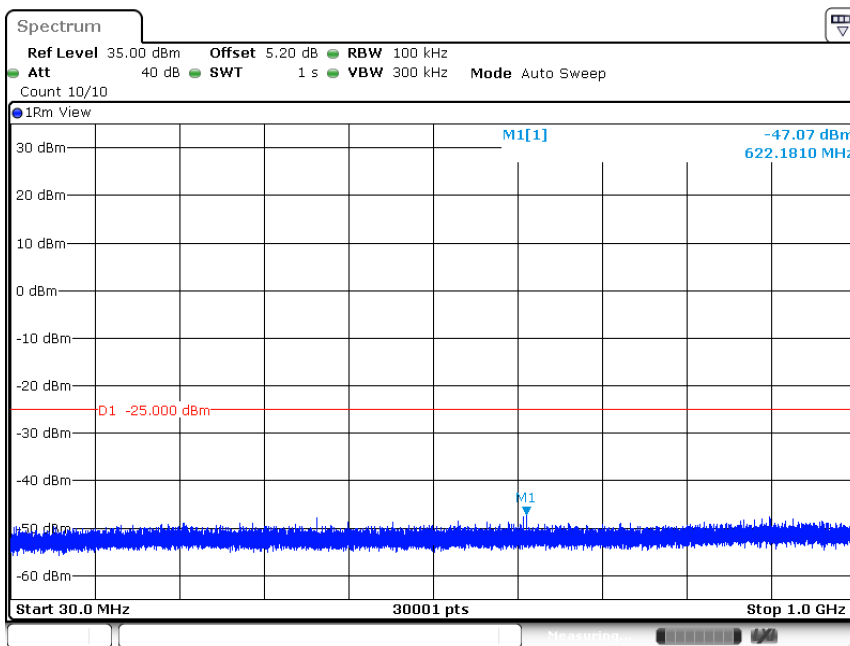
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Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:31:28

Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



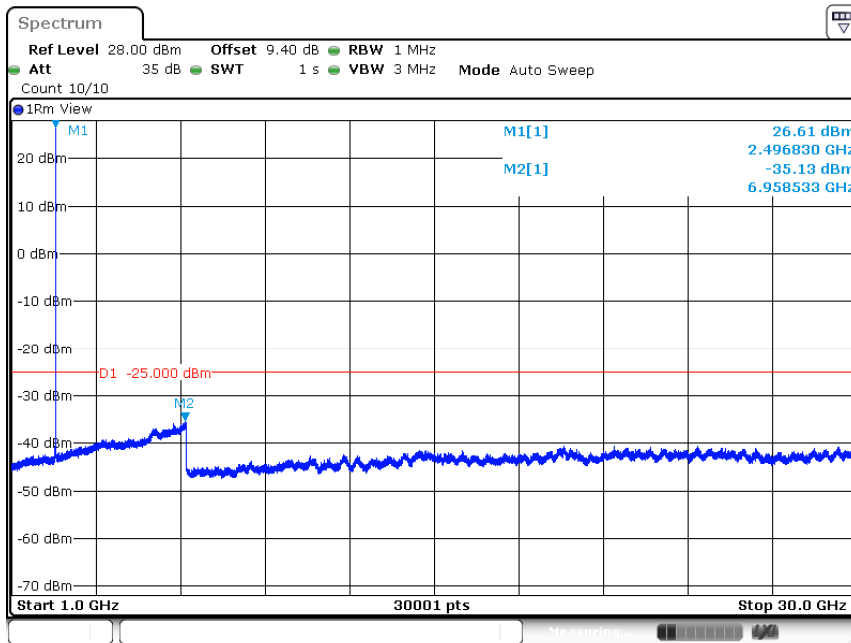
Date: 10.DEC.2020 13:02:28



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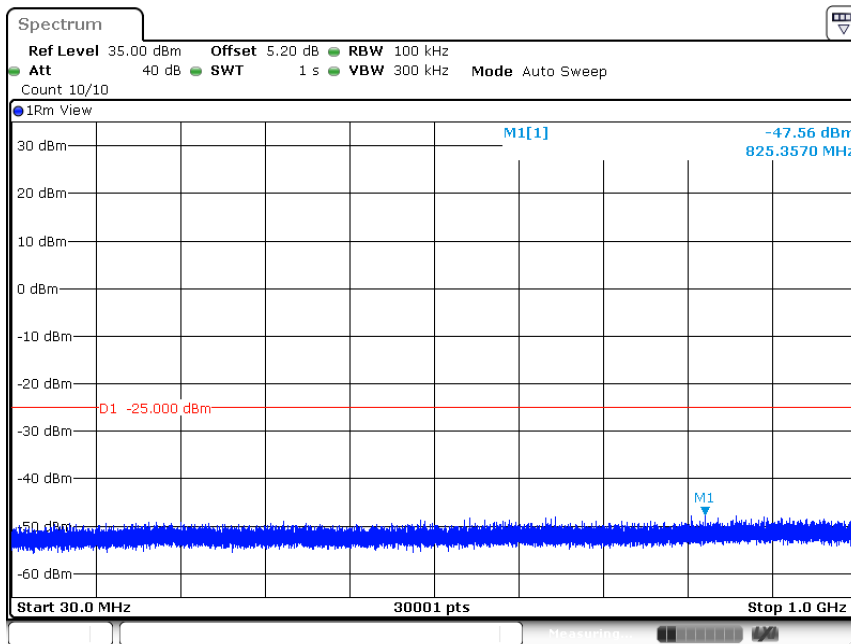
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Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:02:45

Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



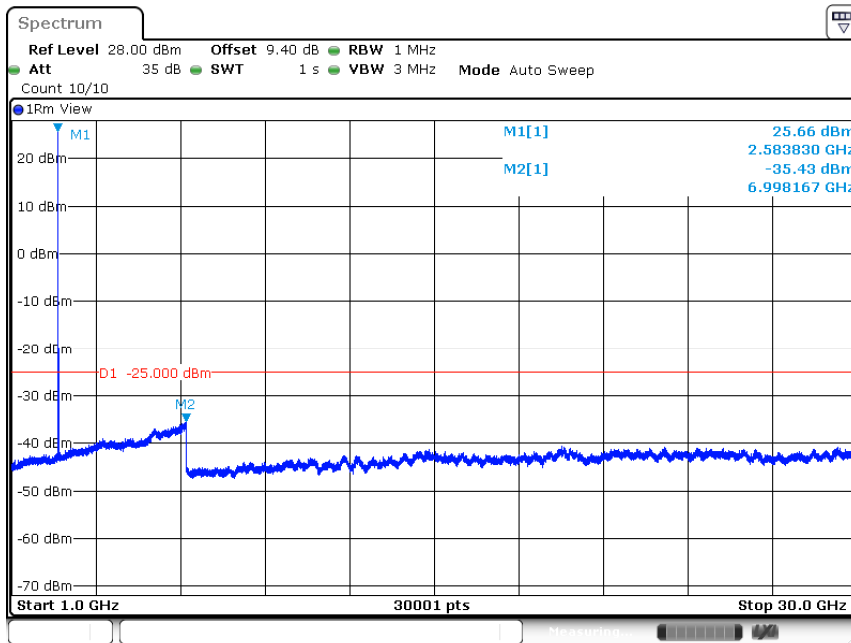
Date: 10.DEC.2020 13:03:39



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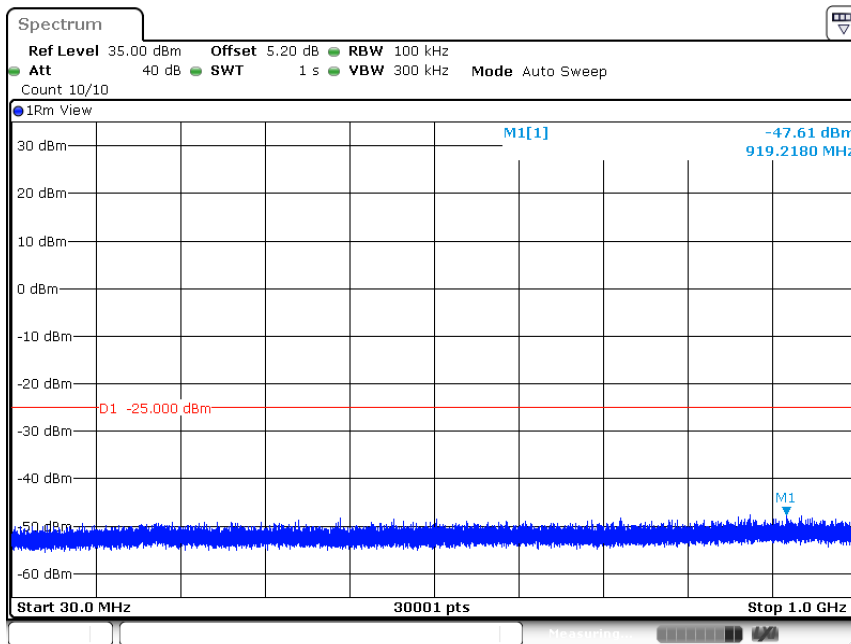
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Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:03:56

Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



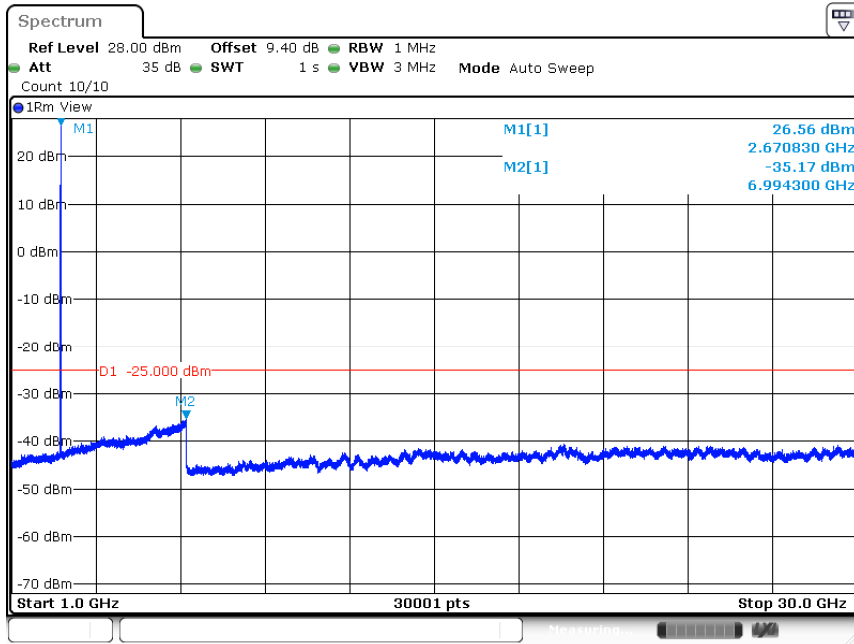
Date: 10.DEC.2020 13:04:50



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Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 10.DEC.2020 13:05:07



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(ANT4)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.050000	-78.86	-25.00	53.86	Vertical
124.950000	-83.38	-25.00	58.38	Vertical
349.350000	-84.18	-25.00	59.18	Vertical
4896.050000	-65.02	-25.00	40.02	Vertical
7026.750000	-62.59	-25.00	37.59	Vertical
9988.475000	-57.39	-25.00	32.39	Vertical
62.000000	-75.58	-25.00	50.58	Horizontal
90.450000	-85.53	-25.00	60.53	Horizontal
206.500000	-84.48	-25.00	59.48	Horizontal
4339.975000	-65.02	-25.00	40.02	Horizontal
7066.400000	-62.87	-25.00	37.87	Horizontal
9988.800000	-58.33	-25.00	33.33	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.500000	-79.81	-25.00	54.81	Vertical
125.000000	-82.66	-25.00	57.66	Vertical
345.150000	-84.38	-25.00	59.38	Vertical
4305.850000	-65.40	-25.00	40.40	Vertical
7752.475000	-61.49	-25.00	36.49	Vertical
10336.225000	-60.12	-25.00	35.12	Vertical
63.950000	-75.53	-25.00	50.53	Horizontal
134.750000	-87.01	-25.00	62.01	Horizontal
475.804167	-82.68	-25.00	57.68	Horizontal
4473.550000	-65.40	-25.00	40.40	Horizontal
7030.650000	-62.87	-25.00	37.87	Horizontal
10336.550000	-58.58	-25.00	33.58	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.350000	-79.68	-25.00	54.68	Vertical
125.000000	-83.69	-25.00	58.69	Vertical
340.950000	-84.48	-25.00	59.48	Vertical
4313.650000	-65.00	-25.00	40.00	Vertical
8013.450000	-58.71	-25.00	33.71	Vertical
10684.300000	-56.56	-25.00	31.56	Vertical
55.050000	-75.87	-25.00	50.87	Horizontal
208.400000	-84.47	-25.00	59.47	Horizontal
610.141667	-80.63	-25.00	55.63	Horizontal
4280.500000	-64.72	-25.00	39.72	Horizontal
7045.925000	-62.95	-25.00	37.95	Horizontal
10684.625000	-59.97	-25.00	34.97	Horizontal

7.2. Test Mode =LTE/TM1 20MHz(ANT3)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.800000	-79.27	-25.00	54.27	Vertical
125.000000	-83.07	-25.00	58.07	Vertical
334.550000	-83.37	-25.00	58.37	Vertical
4994.200000	-57.58	-25.00	32.58	Vertical
7491.500000	-54.96	-25.00	29.96	Vertical
9988.475000	-56.31	-25.00	31.31	Vertical
62.450000	-75.53	-25.00	50.53	Horizontal
91.500000	-80.98	-25.00	55.98	Horizontal
313.150000	-83.32	-25.00	58.32	Horizontal
4994.200000	-63.43	-25.00	38.43	Horizontal
7491.500000	-54.98	-25.00	29.98	Horizontal
10624.175000	-60.65	-25.00	35.65	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
64.400000	-79.61	-25.00	54.61	Vertical
125.000000	-83.12	-25.00	58.12	Vertical
327.100000	-83.80	-25.00	58.80	Vertical
5168.075000	-60.45	-25.00	35.45	Vertical
7752.150000	-57.79	-25.00	32.79	Vertical
10336.225000	-53.94	-25.00	28.94	Vertical
62.150000	-75.39	-25.00	50.39	Horizontal
89.900000	-80.86	-25.00	55.86	Horizontal
300.300000	-83.39	-25.00	58.39	Horizontal
5168.400000	-64.25	-25.00	39.25	Horizontal
7752.150000	-59.15	-25.00	34.15	Horizontal
11267.025000	-61.50	-25.00	36.50	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
55.100000	-78.86	-25.00	53.86	Vertical
104.250000	-83.58	-25.00	58.58	Vertical
319.350000	-84.06	-25.00	59.06	Vertical
4419.600000	-64.55	-25.00	39.55	Vertical
8013.125000	-53.94	-25.00	28.94	Vertical
10684.625000	-53.46	-25.00	28.46	Vertical
62.350000	-74.88	-25.00	49.88	Horizontal
159.450000	-83.59	-25.00	58.59	Horizontal
303.750000	-83.38	-25.00	58.38	Horizontal
5342.275000	-63.65	-25.00	38.65	Horizontal
7992.000000	-61.35	-25.00	36.35	Horizontal
10684.625000	-59.81	-25.00	34.81	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 Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-12.10	-0.004828	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-0.10	-0.000040	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-10.60	-0.004230	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-0.90	-0.000347	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-4.30	-0.001658	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-8.20	-0.003162	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	0.20	0.000075	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-10.80	-0.004030	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-9.30	-0.003470	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	0.30	0.000120	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-12.90	-0.005148	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	-0.80	-0.000319	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-6.50	-0.002507	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	-2.20	-0.000848	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-12.60	-0.004859	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	-13.00	-0.004851	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	-8.40	-0.003134	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	-6.80	-0.002537	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-3.50	-0.001397	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-14.30	-0.005706	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-6.70	-0.002674	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-5.20	-0.002005	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-4.90	-0.001890	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-6.10	-0.002352	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	-2.70	-0.001007	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-6.40	-0.002388	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-11.40	-0.004254	±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	39750	100RB#0	NV	-30	-7.10	-0.002833	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-11.00	-0.004389	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	-11.40	-0.004549	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-2.50	-0.000998	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-12.90	-0.005148	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-11.40	-0.004549	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-4.20	-0.001676	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-2.90	-0.001157	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	1.90	0.000758	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-7.30	-0.002815	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-11.40	-0.004396	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-2.10	-0.000810	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-2.00	-0.000771	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-11.40	-0.004396	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-11.70	-0.004512	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-0.40	-0.000154	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-1.80	-0.000694	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-7.60	-0.002836	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-1.40	-0.000522	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-6.50	-0.002425	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-11.40	-0.004254	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-6.90	-0.002575	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-3.90	-0.001455	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-11.70	-0.004366	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	-4.00	-0.001596	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	-10.70	-0.004270	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	-2.50	-0.000964	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	-13.50	-0.005387	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-1.80	-0.000718	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	-11.90	-0.004749	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	1.80	0.000718	±2.5	PASS



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Band41	20MHz	64QAM	39750	100RB#0	NV	40	-2.50	-0.000998	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	-6.60	-0.002634	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	-2.50	-0.000964	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	-8.70	-0.003355	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	-8.70	-0.003355	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-11.00	-0.004242	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	0.80	0.000309	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	-6.50	-0.002507	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	-9.60	-0.003702	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	-14.30	-0.005515	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	-3.40	-0.001311	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	-0.10	-0.000037	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	-0.10	-0.000037	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	-8.60	-0.003209	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-8.10	-0.003022	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	-7.70	-0.002873	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	-9.80	-0.003657	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-9.90	-0.003694	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	-12.30	-0.004590	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-7.10	-0.002833	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-4.10	-0.001636	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-9.60	-0.003831	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	0.70	0.000279	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-1.40	-0.000559	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-7.90	-0.003152	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-14.20	-0.005666	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-9.60	-0.003831	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-14.90	-0.005946	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-2.70	-0.001041	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-0.10	-0.000039	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-14.10	-0.005438	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-1.70	-0.000656	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-14.10	-0.005438	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-14.00	-0.005399	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-6.80	-0.002622	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-13.80	-0.005322	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	-2.40	-0.000926	±2.5	PASS



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Band41	20MHz	16QAM	41490	100RB#0	NV	-30	-12.30	-0.004590	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-6.10	-0.002276	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	-12.30	-0.004590	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-4.50	-0.001679	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-1.10	-0.000410	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	0.50	0.000187	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-11.60	-0.004328	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-8.70	-0.003246	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-4.50	-0.001679	±2.5	PASS



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