



Appendix B

E-UTRA Band 41



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1 Effective (Isotropic) Radiated Power

1.1. Test Result for Down Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.18	24.88	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.17	24.87	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.09	24.79	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.13	23.83	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.16	23.86	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.15	23.85	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.20	23.90	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.03	24.73	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.15	24.85	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.02	24.72	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.08	23.78	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.14	23.84	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.17	23.87	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.08	23.78	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.10	24.80	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.13	24.83	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.01	24.71	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.05	23.75	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.16	23.86	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.11	23.81	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.00	23.70	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.22	22.92	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.12	22.82	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.06	22.76	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.26	21.96	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.26	21.96	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.25	21.95	33.00	PASS



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Band41	5MHz	64QAM	39675	25RB#0	20.34	22.04	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.11	22.81	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.25	22.95	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.08	22.78	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.16	22.86	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.25	21.95	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.31	22.01	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.27	21.97	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.07	22.77	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.23	22.93	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.11	22.81	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	21.17	22.87	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.37	22.07	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.33	22.03	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.37	22.07	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.25	23.95	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.26	23.96	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.30	24.00	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.15	22.85	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.17	22.87	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.16	22.86	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.16	22.86	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.15	23.85	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.31	24.01	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.21	23.91	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.07	22.77	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.12	22.82	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.16	22.86	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.11	22.81	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.17	23.87	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.23	23.93	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.14	23.84	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.08	22.78	33.00	PASS



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Band41	5MHz	16QAM	41565	12RB#6	21.18	22.88	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.03	22.73	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.07	22.77	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.90	24.60	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.01	24.71	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.79	24.49	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.15	23.85	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.17	23.87	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.13	23.83	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.15	23.85	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.93	24.63	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.03	24.73	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.84	24.54	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.08	23.78	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.07	23.77	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.14	23.84	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.13	23.83	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.93	24.63	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.97	24.67	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.94	24.64	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.11	23.81	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.08	23.78	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.14	23.84	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.02	23.72	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	20.57	22.27	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	20.34	22.04	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	20.25	21.95	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.30	22.00	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.36	22.06	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.29	21.99	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.34	22.04	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.18	22.88	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	20.39	22.09	33.00	PASS



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Band41	10MHz	64QAM	40620	1RB#24	20.25	21.95	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.19	21.89	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.32	22.02	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.28	21.98	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.31	22.01	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.07	22.77	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.12	22.82	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.04	22.74	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.11	22.81	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	20.25	21.95	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	20.34	22.04	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.37	22.07	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.31	24.01	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.13	23.83	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.21	23.91	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.20	22.90	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.19	22.89	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.00	22.70	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.26	22.96	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.18	23.88	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.20	23.90	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.17	23.87	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.01	22.71	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.10	22.80	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.17	22.87	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.18	22.88	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.32	24.02	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.18	23.88	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.19	23.89	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.10	22.80	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.11	22.81	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.06	22.76	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.07	22.77	33.00	PASS



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Band41	15MHz	QPSK	39725	1RB#74	23.36	25.06	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.04	24.74	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.19	24.89	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	22.24	23.94	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	22.34	24.04	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	22.29	23.99	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.35	24.05	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.31	25.01	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.13	24.83	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.26	24.96	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	22.31	24.01	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	22.28	23.98	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	22.37	24.07	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.36	24.06	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.25	24.95	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.18	24.88	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.14	24.84	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	22.25	23.95	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	22.26	23.96	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	22.28	23.98	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.17	23.87	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.18	22.88	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.10	22.80	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	20.94	22.64	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	20.24	21.94	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	20.28	21.98	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	20.26	21.96	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.31	22.01	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.32	23.02	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.02	22.72	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.18	22.88	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	21.11	22.81	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	20.29	21.99	33.00	PASS



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Band41	15MHz	64QAM	40620	36RB#18	20.19	21.89	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.27	21.97	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.29	22.99	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.18	22.88	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.10	22.80	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	20.82	22.52	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	20.21	21.91	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	20.36	22.06	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.29	21.99	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.48	24.18	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.22	23.92	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.34	24.04	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	21.35	23.05	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	21.24	22.94	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	21.18	22.88	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.31	23.01	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.55	24.25	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.27	23.97	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.29	23.99	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.33	23.03	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	21.29	22.99	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	21.28	22.98	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.32	23.02	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.54	24.24	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.29	23.99	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.37	24.07	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.34	23.04	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.24	22.94	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.26	22.96	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.29	22.99	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.31	25.01	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.21	24.91	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.14	24.84	33.00	PASS



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Band41	20MHz	QPSK	39750	50RB#25	22.36	24.06	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	22.31	24.01	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.30	24.00	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.29	23.99	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.23	24.93	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.20	24.90	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.27	24.97	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.37	24.07	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.32	24.02	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.26	23.96	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.26	23.96	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.38	25.08	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.15	24.85	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.23	24.93	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.39	24.09	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.30	24.00	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.25	23.95	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.38	24.08	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.50	23.20	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.30	23.00	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.58	23.28	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.33	22.03	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.29	21.99	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.36	22.06	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.31	22.01	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.42	23.12	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.24	22.94	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.26	22.96	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.13	22.83	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.21	21.91	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.16	21.86	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.32	22.02	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.41	23.11	33.00	PASS



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Band41	20MHz	64QAM	41490	1RB#0	21.33	23.03	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.19	22.89	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.56	23.26	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.16	21.86	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.12	21.82	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.21	21.91	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.50	24.20	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.27	23.97	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.22	23.92	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.40	23.10	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.34	23.04	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.35	23.05	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.34	23.04	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.48	24.18	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.37	24.07	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.19	23.89	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.43	23.13	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.38	23.08	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.31	23.01	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.42	23.12	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.51	24.21	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.29	23.99	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.23	23.93	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.33	23.03	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.40	23.10	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.36	23.06	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.41	23.11	33.00	PASS

1.2. Test Result for Up Ant

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.70	23.40	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.63	23.33	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.62	23.32	33.00	PASS



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Band41	5MHz	QPSK	39675	12RB#6	20.67	22.37	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.72	22.42	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.69	22.39	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.66	22.36	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.45	23.15	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.57	23.27	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.44	23.14	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.53	22.23	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.59	22.29	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.53	22.23	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.53	22.23	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.58	23.28	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.62	23.32	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.48	23.18	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.62	22.32	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.64	22.34	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.59	22.29	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.58	22.28	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	19.97	21.67	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	19.82	21.52	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	19.90	21.60	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	18.85	20.55	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	18.85	20.55	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	18.84	20.54	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	18.94	20.64	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	19.59	21.29	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	19.90	21.60	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	19.85	21.55	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	19.82	21.52	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	18.73	20.43	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	18.71	20.41	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	18.76	20.46	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	19.56	21.26	33.00	PASS



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Band41	5MHz	64QAM	41565	1RB#0	19.98	21.68	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	19.81	21.51	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	19.76	21.46	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	18.78	20.48	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	18.84	20.54	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	18.75	20.45	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.78	22.48	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.72	22.42	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.88	22.58	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.68	21.38	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.70	21.40	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.71	21.41	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.72	21.42	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.58	22.28	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.74	22.44	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.66	22.36	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.54	21.24	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.50	21.20	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.53	21.23	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.59	21.29	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.55	22.25	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.71	22.41	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.71	22.41	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.55	21.25	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.66	21.36	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.60	21.30	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.56	21.26	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.61	23.31	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.50	23.20	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.59	23.29	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.68	22.38	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.67	22.37	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.71	22.41	33.00	PASS



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Band41	10MHz	QPSK	39700	50RB#0	20.68	22.38	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.58	23.28	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.49	23.19	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.48	23.18	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.57	22.27	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.56	22.26	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.63	22.33	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.52	22.22	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.57	23.27	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.50	23.20	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.45	23.15	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.63	22.33	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.61	22.31	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.67	22.37	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.55	22.25	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	19.97	21.67	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	19.84	21.54	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	19.73	21.43	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	18.97	20.67	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	18.87	20.57	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	18.85	20.55	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	18.86	20.56	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	19.58	21.28	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	19.89	21.59	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	19.73	21.43	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	19.81	21.51	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	18.83	20.53	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	18.78	20.48	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	18.79	20.49	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	19.64	21.34	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	19.99	21.69	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	19.83	21.53	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	19.77	21.47	33.00	PASS



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Band41	10MHz	64QAM	41540	25RB#0	18.83	20.53	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	18.85	20.55	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	18.79	20.49	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.79	22.49	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.64	22.34	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.63	22.33	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.78	21.48	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.71	21.41	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.66	21.36	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	19.75	21.45	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	20.75	22.45	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.67	22.37	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	20.61	22.31	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.43	21.13	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.42	21.12	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.47	21.17	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.58	21.28	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.76	22.46	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	20.70	22.40	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.71	22.41	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.62	21.32	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.60	21.30	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.65	21.35	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.64	21.34	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.76	23.46	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.72	23.42	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.69	23.39	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	20.84	22.54	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	20.94	22.64	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	20.82	22.52	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.85	22.55	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.76	23.46	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.55	23.25	33.00	PASS



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Band41	15MHz	QPSK	40620	1RB#74	21.69	23.39	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	20.70	22.40	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	20.67	22.37	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	20.65	22.35	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.75	22.45	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.76	23.46	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.61	23.31	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.73	23.43	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	20.81	22.51	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	20.71	22.41	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	20.79	22.49	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.69	22.39	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	19.98	21.68	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	19.74	21.44	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	19.81	21.51	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	18.96	20.66	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	18.86	20.56	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	18.85	20.55	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	18.86	20.56	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	19.72	21.42	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	20.06	21.76	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	19.76	21.46	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	19.72	21.42	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	18.82	20.52	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	18.72	20.42	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	18.81	20.51	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	19.70	21.40	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	19.96	21.66	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	19.74	21.44	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	19.66	21.36	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	18.79	20.49	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	18.76	20.46	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	18.77	20.47	33.00	PASS



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Band41	15MHz	16QAM	39725	1RB#38	21.01	22.71	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.85	22.55	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	20.82	22.52	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	19.84	21.54	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	19.87	21.57	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	19.75	21.45	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.88	21.58	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	20.88	22.58	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.90	22.60	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	20.84	22.54	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	19.73	21.43	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	19.70	21.40	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	19.78	21.48	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.72	21.42	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.11	22.81	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.79	22.49	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.91	22.61	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	19.79	21.49	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	19.77	21.47	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	19.75	21.45	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.70	21.40	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.98	23.68	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.61	23.31	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.61	23.31	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.95	22.65	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.96	22.66	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.81	22.51	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.89	22.59	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.72	23.42	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.71	23.41	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.64	23.34	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.70	22.40	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.76	22.46	33.00	PASS



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Band41	20MHz	QPSK	40620	50RB#50	20.78	22.48	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.70	22.40	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.94	23.64	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.59	23.29	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.69	23.39	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.83	22.53	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.83	22.53	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.84	22.54	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.84	22.54	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	20.05	21.75	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	19.80	21.50	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	19.80	21.50	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	18.93	20.63	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	18.92	20.62	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	18.91	20.61	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	18.92	20.62	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	19.66	21.36	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	20.09	21.79	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	19.77	21.47	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	19.83	21.53	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	18.76	20.46	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	18.81	20.51	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	18.82	20.52	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	19.85	21.55	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	20.06	21.76	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	19.84	21.54	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	19.70	21.40	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	18.78	20.48	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	18.83	20.53	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	18.82	20.52	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.99	22.69	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.78	22.48	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.93	22.63	33.00	PASS



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Band41	20MHz	16QAM	39750	50RB#0	19.99	21.69	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.91	21.61	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.80	21.50	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.88	21.58	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.09	22.79	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.79	22.49	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.69	22.39	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.86	21.56	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.73	21.43	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.84	21.54	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.66	21.36	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.05	22.75	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.81	22.51	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.69	22.39	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.85	21.55	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.86	21.56	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.84	21.54	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.85	21.55	33.00	PASS

Remark:

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

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

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



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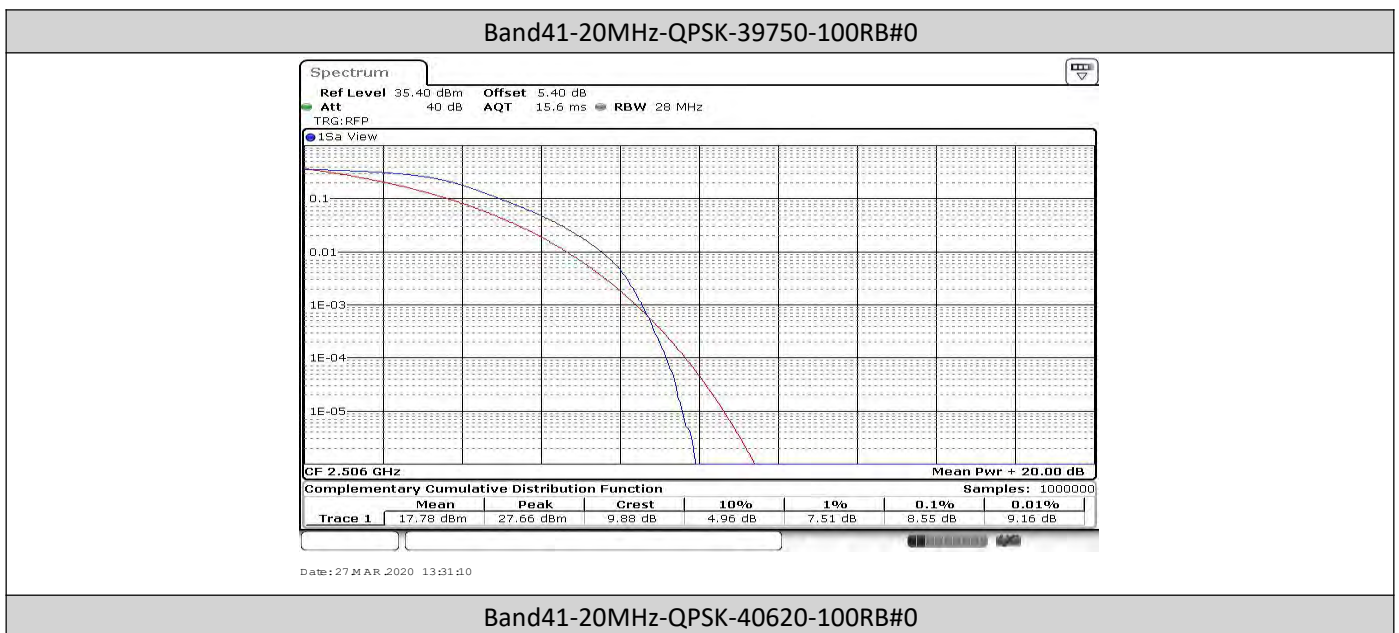


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.55	13.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.90	13.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.49	13.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	9.97	13.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.86	13.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.68	13.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.36	13.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.68	13.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.28	13.00	PASS

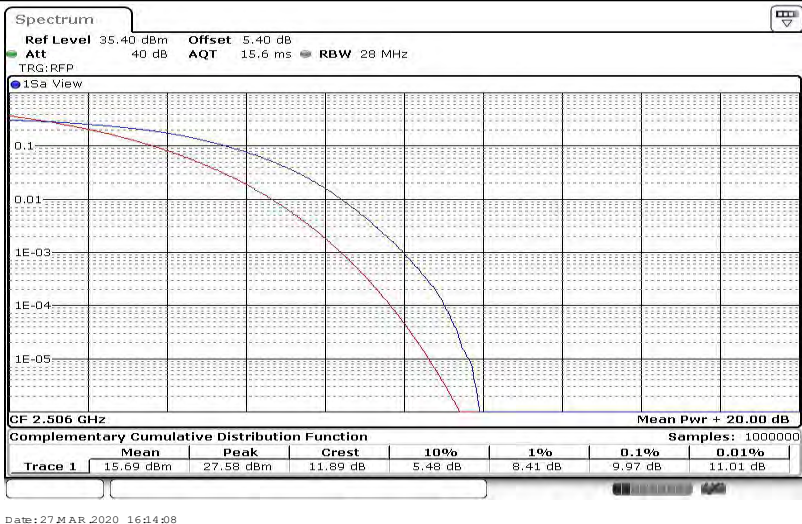
2.2. Test Plots


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

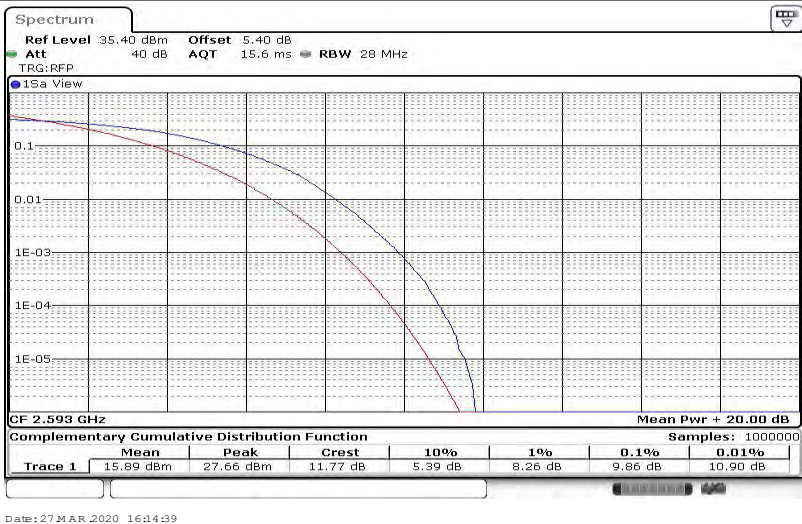

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Band41-20MHz-64QAM-40620-100RB#0



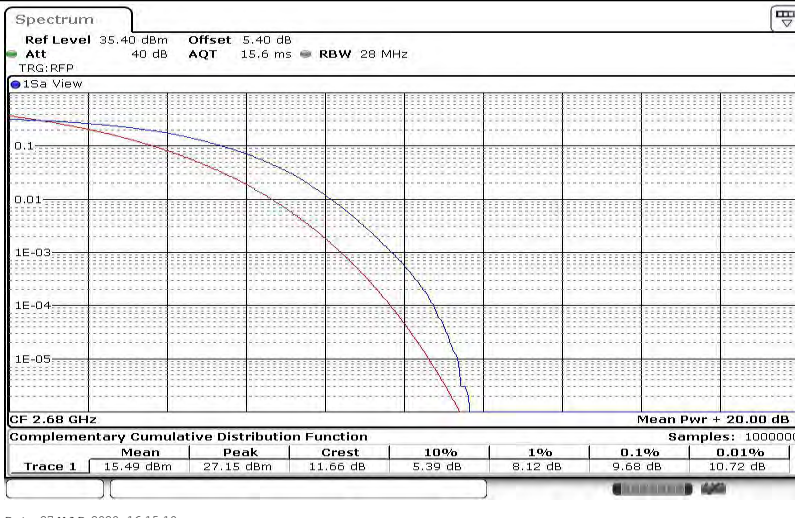
Band41-20MHz-64QAM-41490-100RB#0



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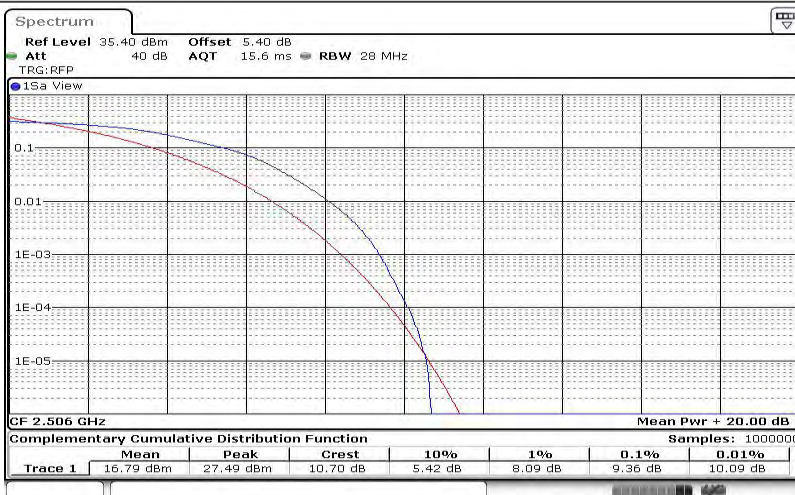
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Date: 27 MAR 2020 16:15:10

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



Date: 27 MAR 2020 13:31:26

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



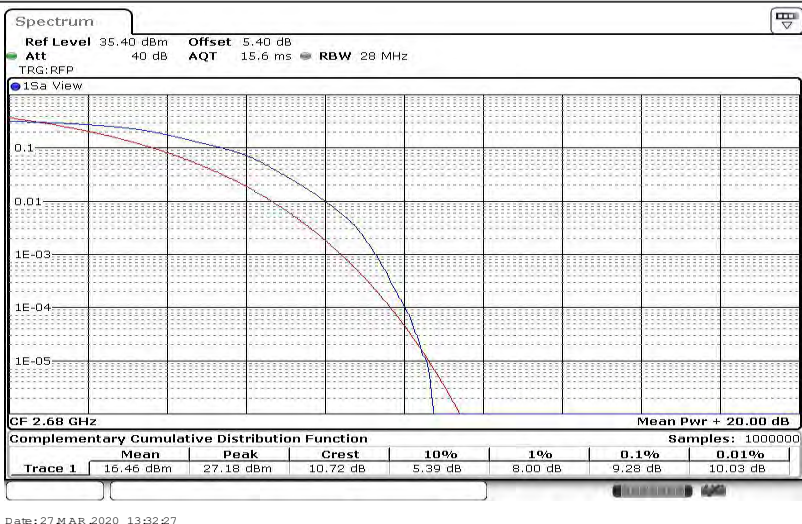
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Band41-20MHz-16QAM-41490-100RB#0



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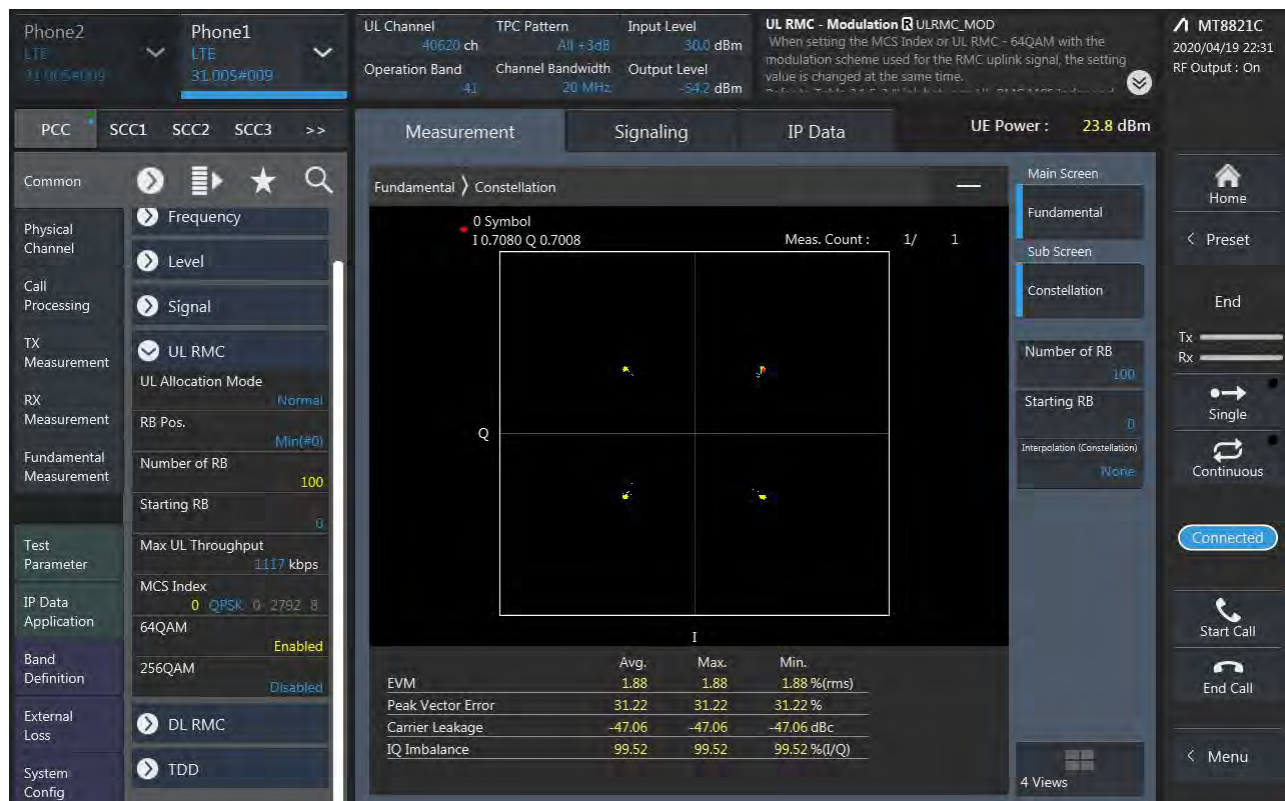
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

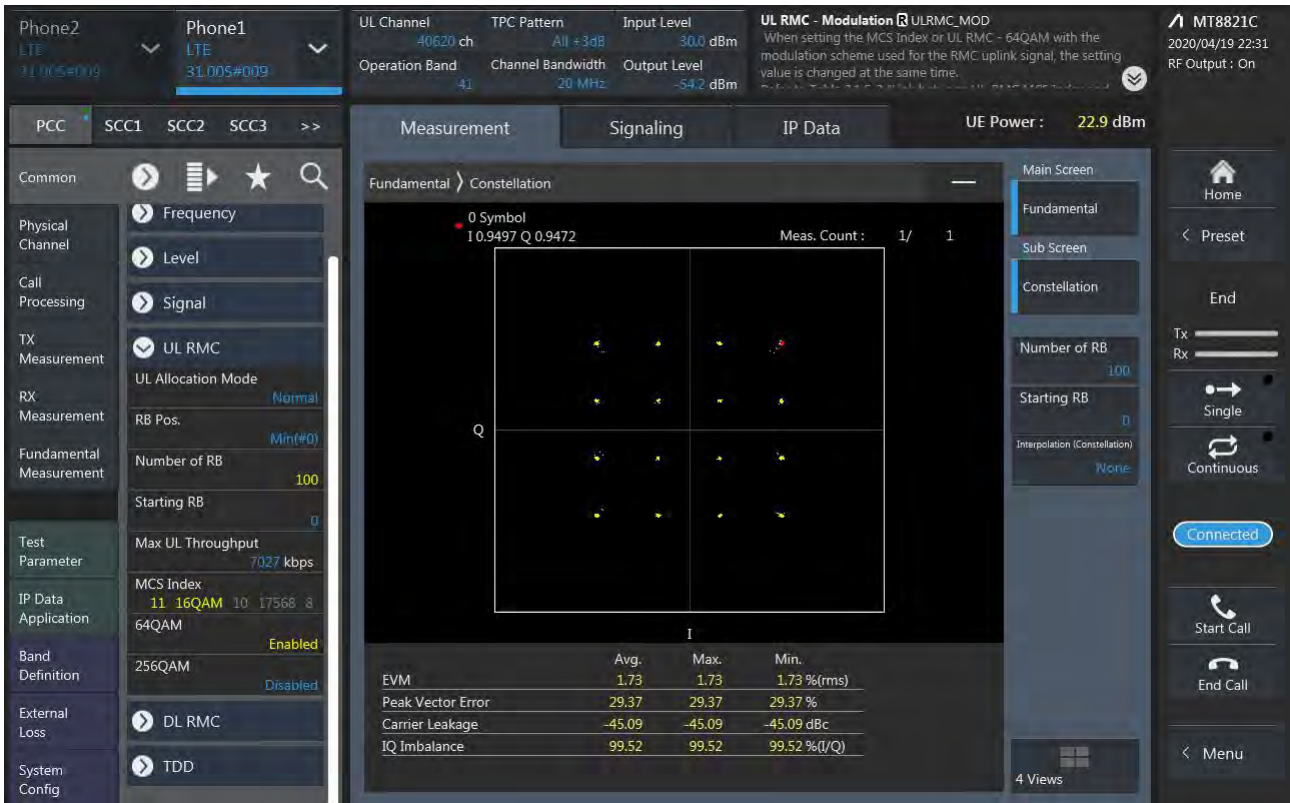
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

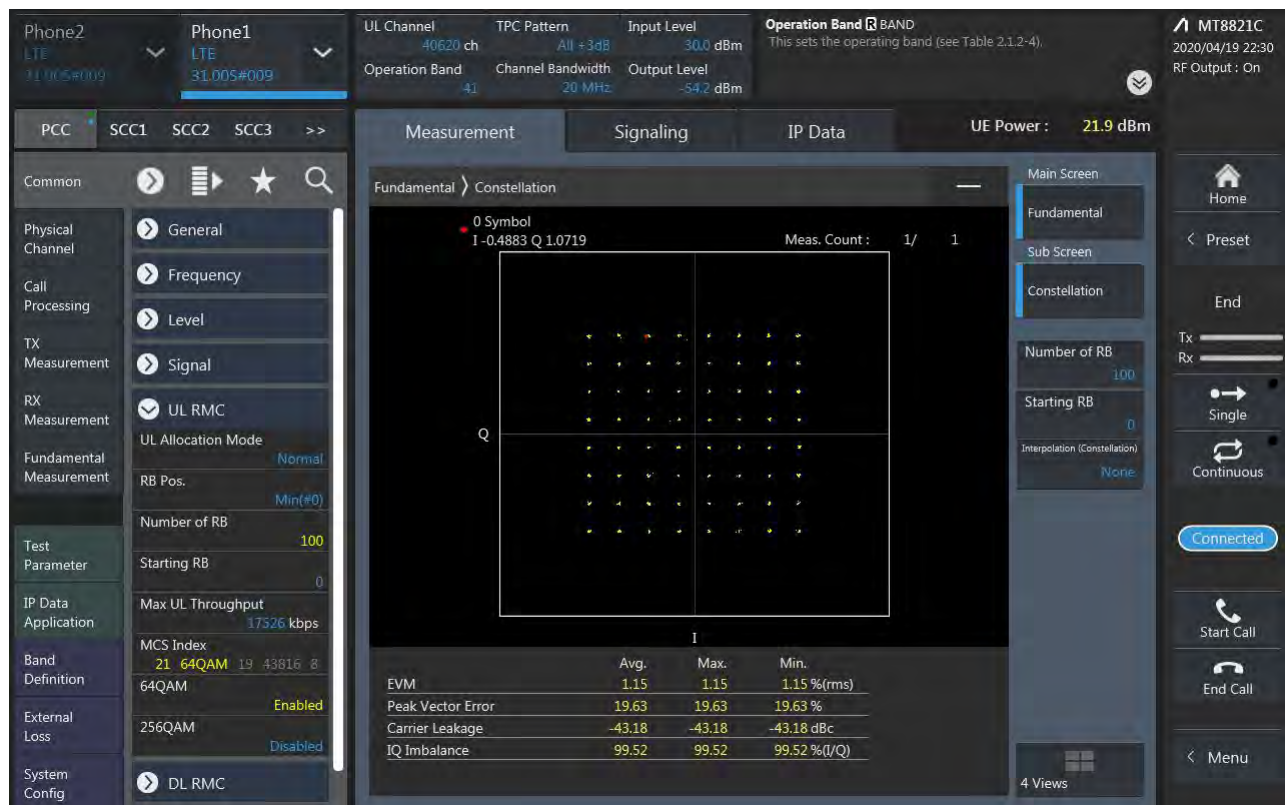
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





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	4.890	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.466	4.880	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.890	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.456	4.890	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.476	4.910	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.476	4.920	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.466	4.890	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.486	4.900	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.456	4.900	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.931	9.800	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.931	9.760	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.931	9.760	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.931	9.700	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.911	9.780	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.911	9.760	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.951	9.800	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.951	9.740	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.951	9.740	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.516	14.970	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.516	15.000	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.516	14.970	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.487	15.000	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.487	14.940	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.487	15.060	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.487	14.970	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.516	15.000	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.487	15.000	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.902	19.760	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.902	19.640	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.862	19.760	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.942	19.640	PASS



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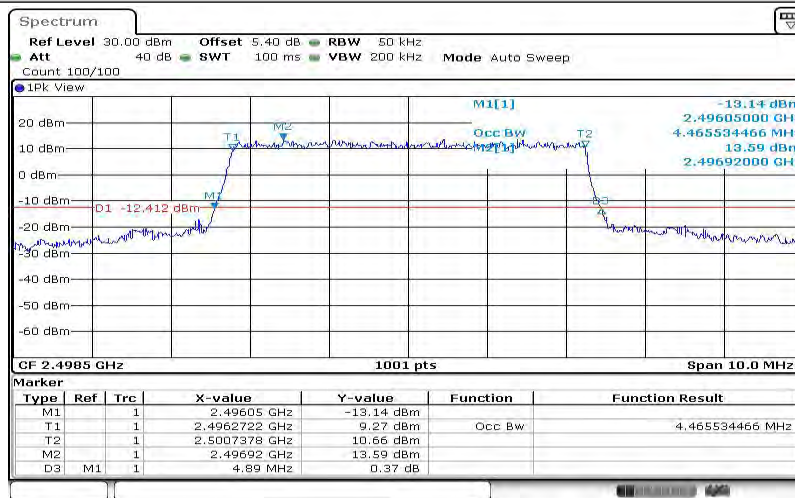
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Band41	20MHz	64QAM	40620	100RB#0	17.902	19.760	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.862	19.720	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.982	19.600	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.982	19.560	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.942	19.640	PASS

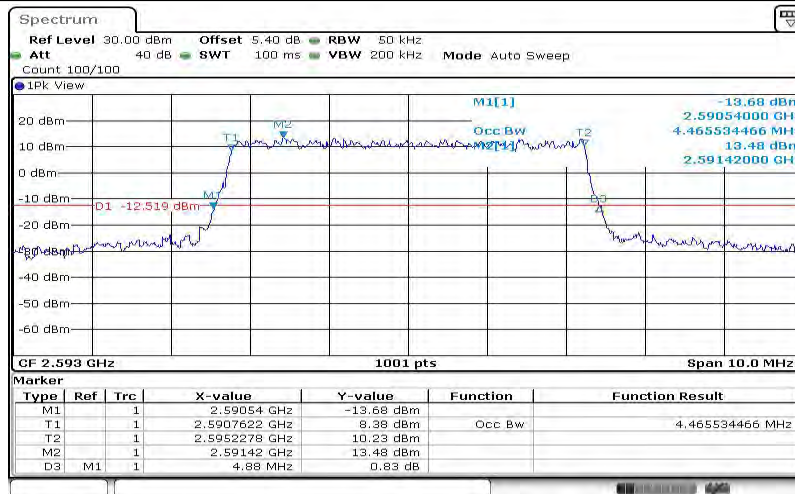
4.2. Test Plots

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



Date: 17 APR 2020 01:40:43

Band41-5MHz-QPSK-40620-25RB#0-4.466

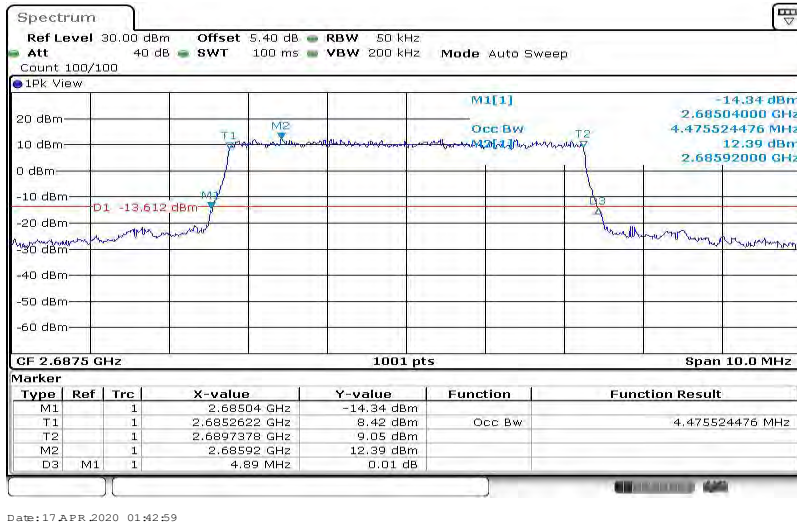


Date: 17 APR 2020 01:41:51

Band41-5MHz-QPSK-41565-25RB#0-4.476

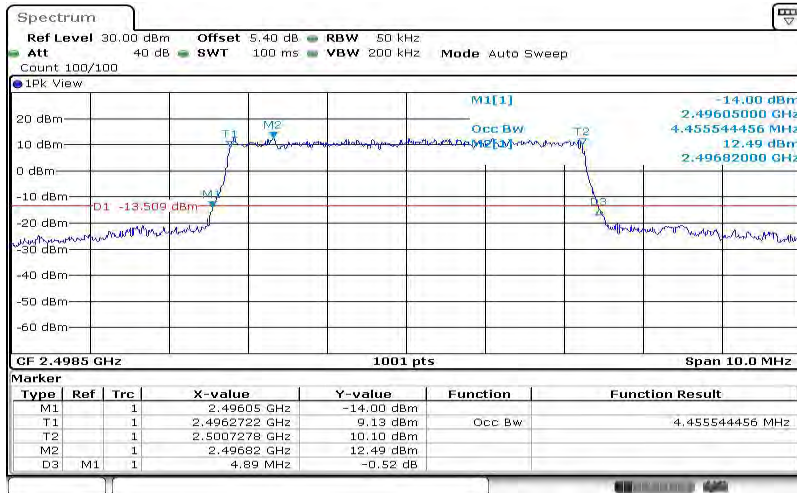


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Date: 17 APR 2020 01:42:59

Band41-5MHz-64QAM-39675-25RB#0-4.456

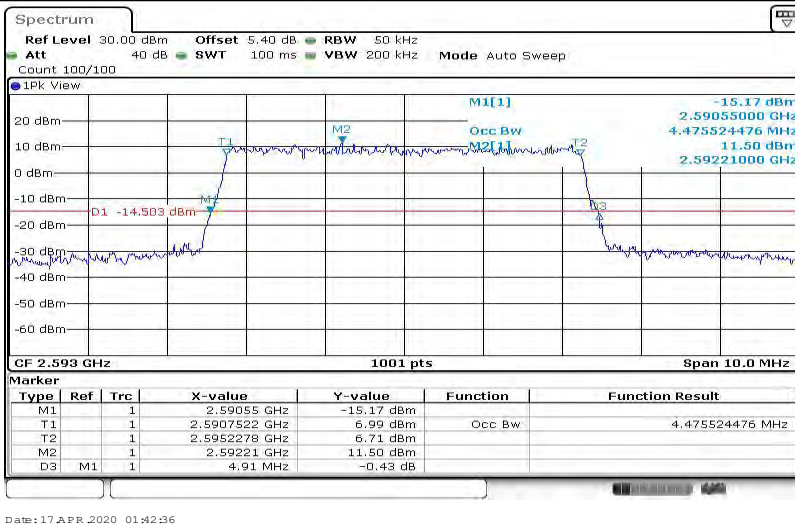


Date: 17 APR 2020 01:41:28

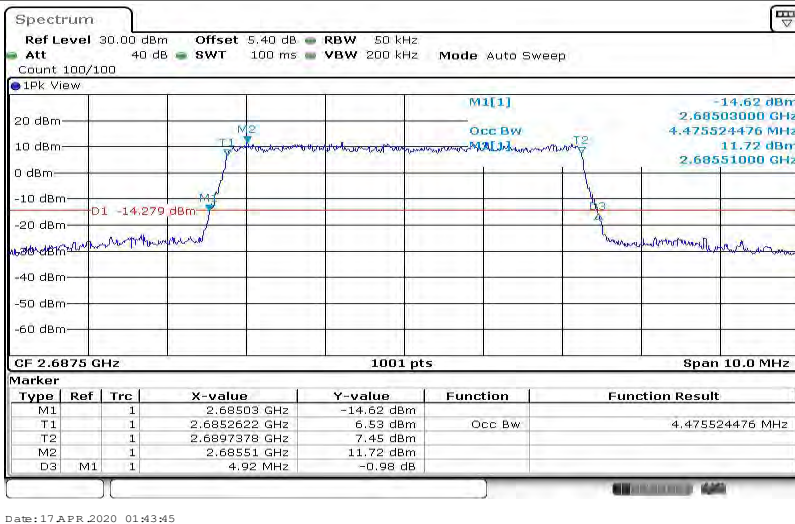
Band41-5MHz-64QAM-40620-25RB#0-4.476



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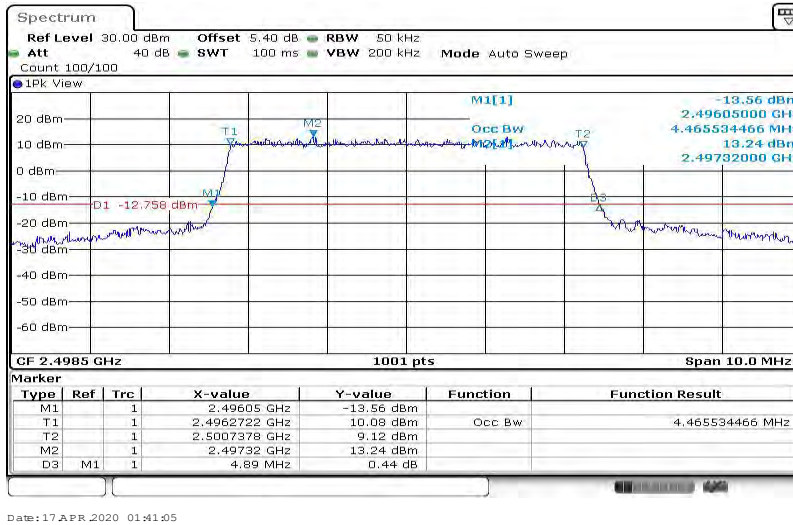
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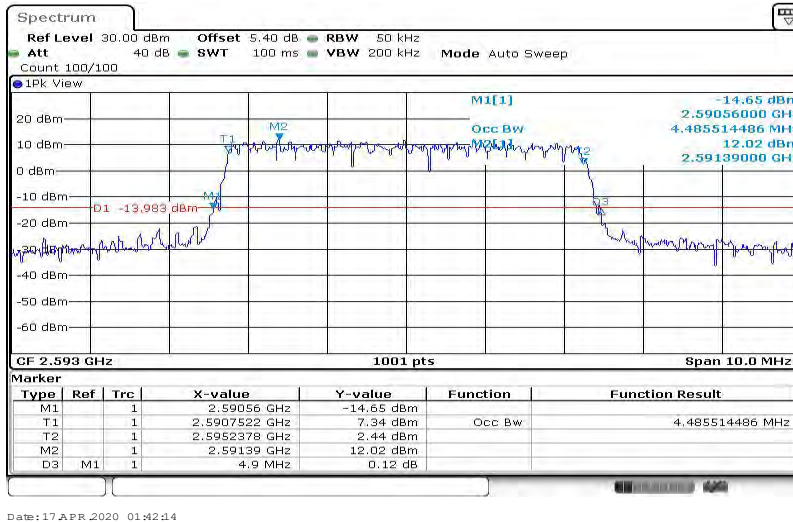
Band41-5MHz-16QAM-39675-25RB#0-4.466



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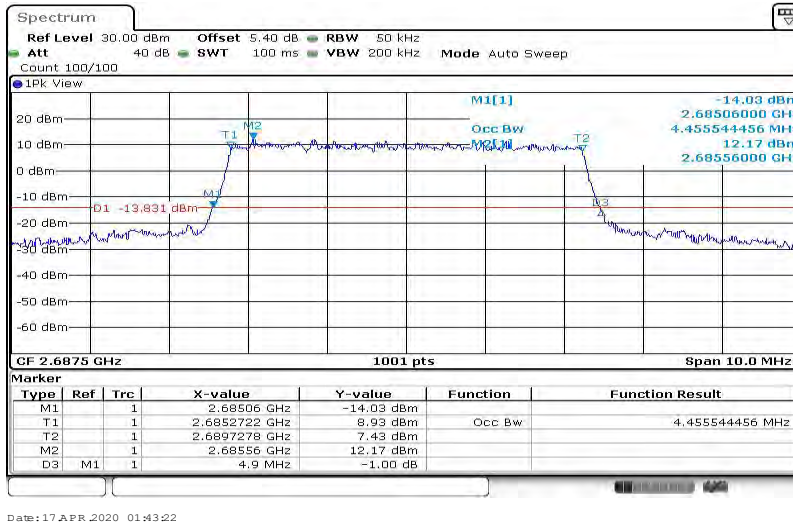
Band41-5MHz-16QAM-40620-25RB#0-4.486



Band41-5MHz-16QAM-41565-25RB#0-4.456

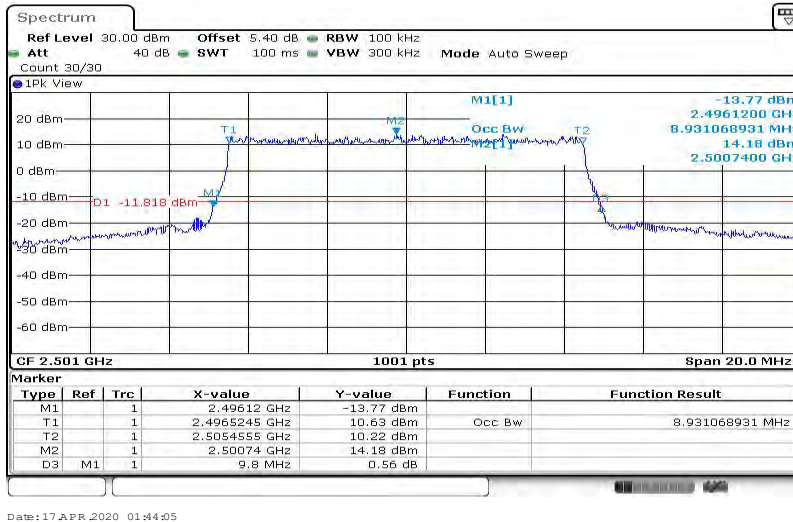


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Date: 17 APR 2020 01:43:22

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

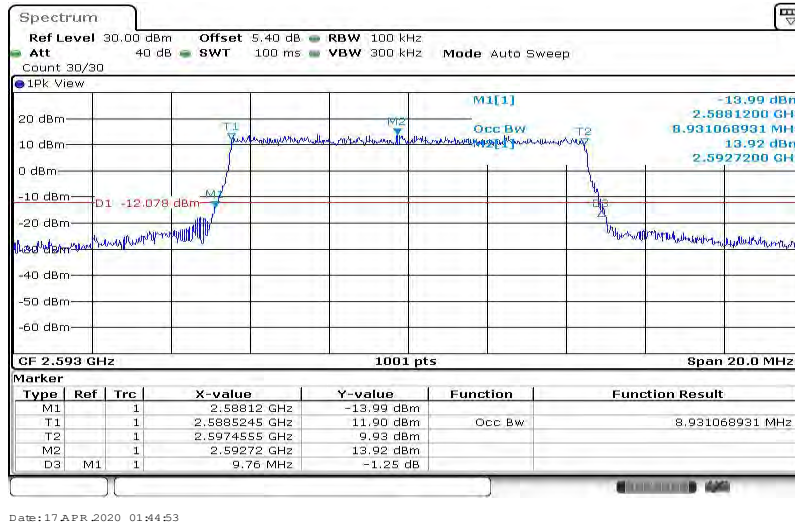


Date: 17 APR 2020 01:44:05

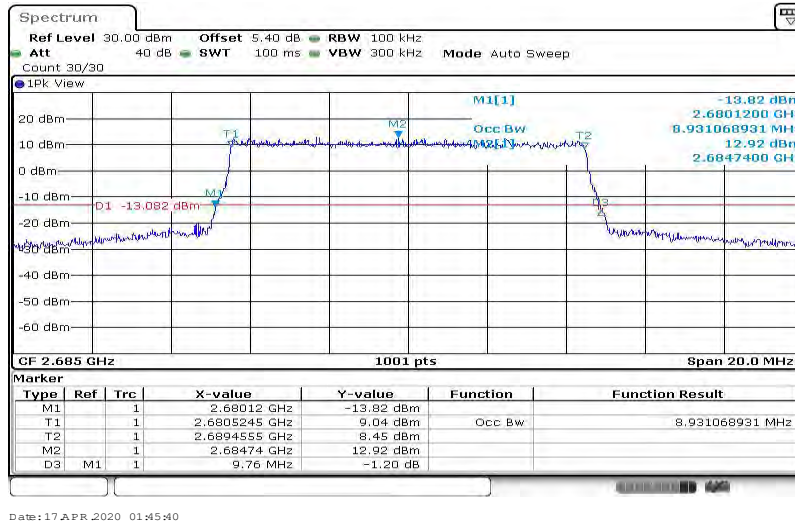
Band41-10MHz-QPSK-40620-50RB#0-8.931



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



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

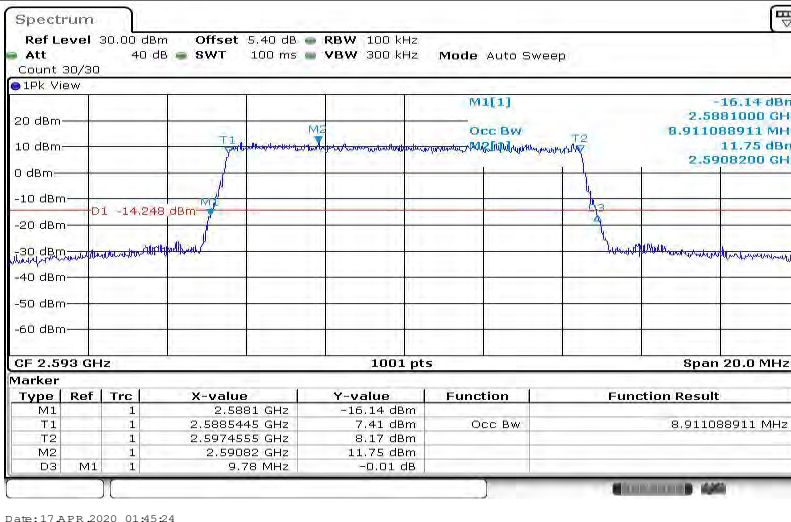


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Date: 17 APR 2020 01:44:37

Band41-10MHz-64QAM-40620-50RB#0-8.911



Date: 17 APR 2020 01:45:24

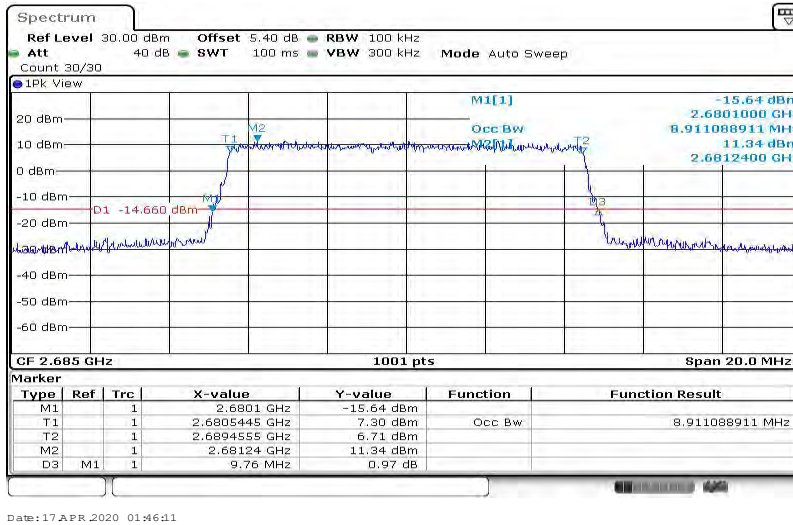
Band41-10MHz-64QAM-41540-50RB#0-8.911



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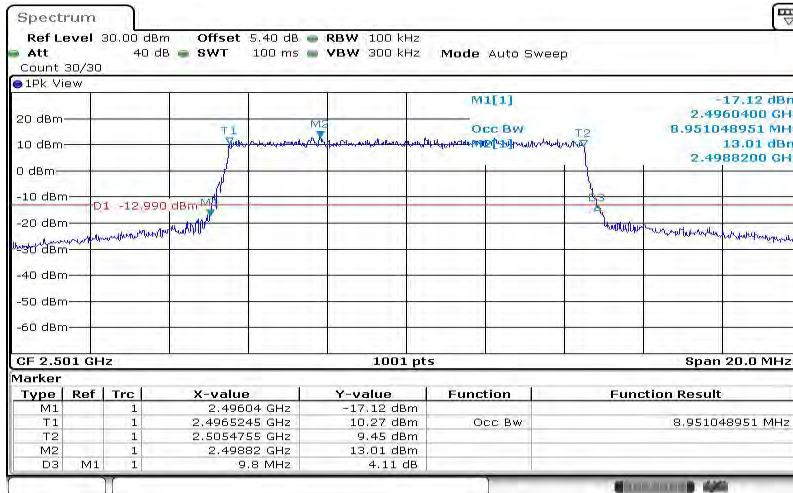
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Date: 17 APR 2020 01:46:11

Band41-10MHz-16QAM-39700-50RB#0-8.951



Date: 17 APR 2020 01:44:21

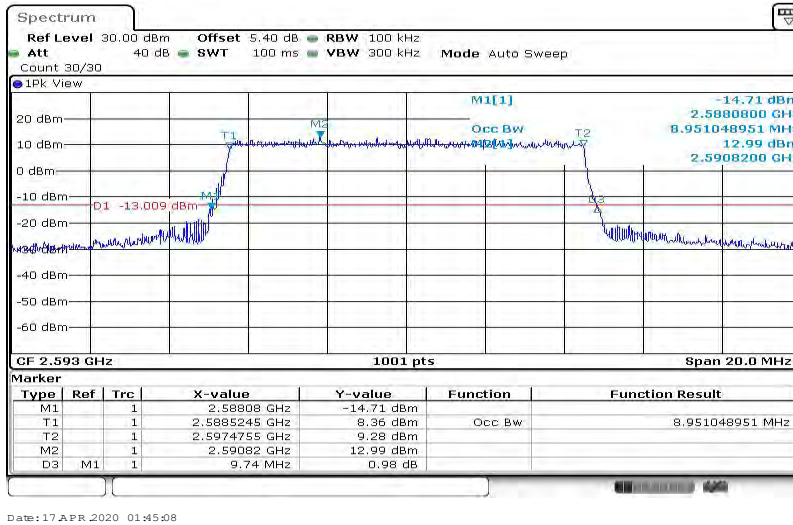
Band41-10MHz-16QAM-40620-50RB#0-8.951



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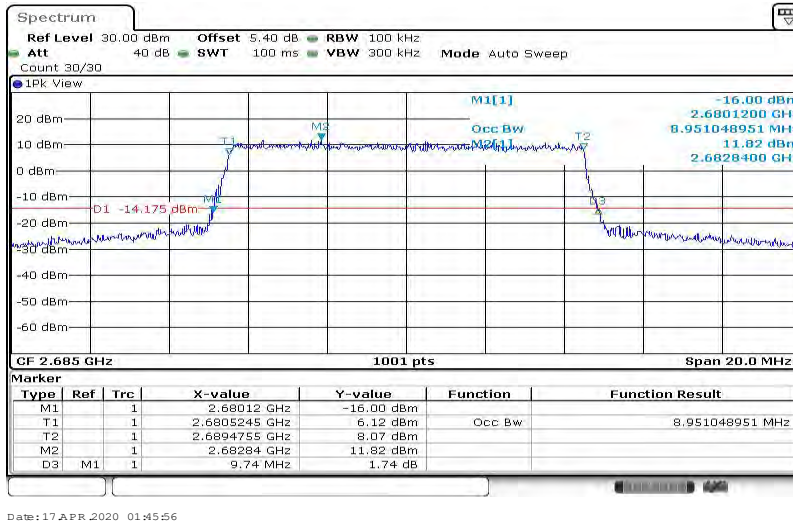
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Date: 17 APR 2020 01:45:08

Band41-10MHz-16QAM-41540-50RB#0-8.951



Date: 17 APR 2020 01:45:56

Band41-15MHz-QPSK-39725-75RB#0-13.516

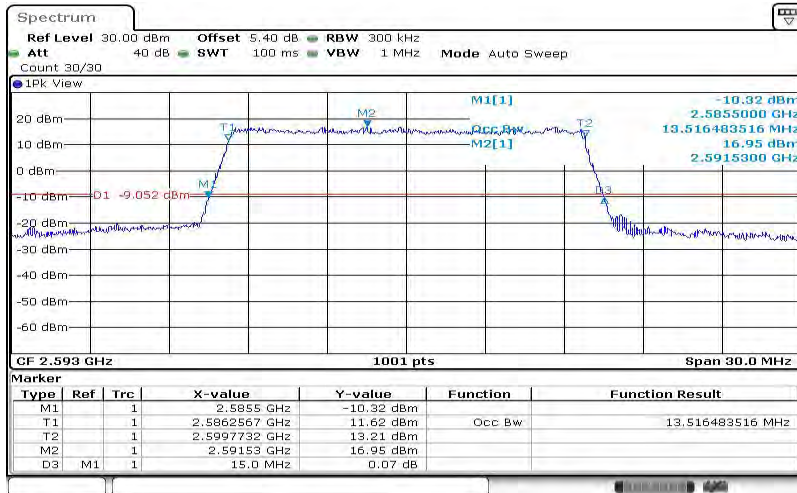


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Date: 17 APR 2020 01:46:32

Band41-15MHz-QPSK-40620-75RB#0-13.516

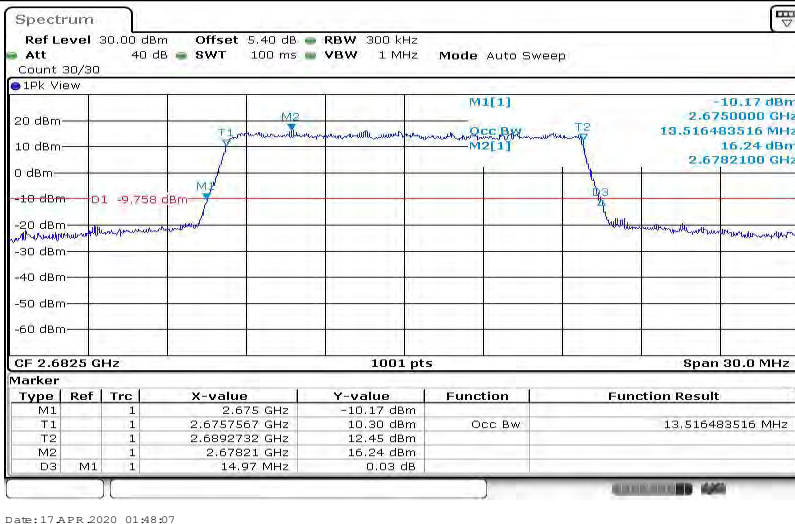


Date: 17 APR 2020 01:47:20

Band41-15MHz-QPSK-41515-75RB#0-13.516

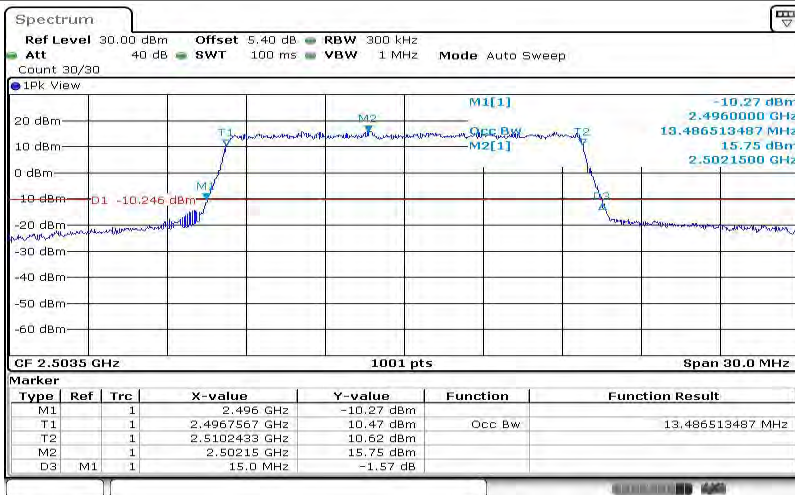


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Date: 17 APR 2020 01:48:07

Band41-15MHz-64QAM-39725-75RB#0-13.487



Date: 17 APR 2020 01:47:04

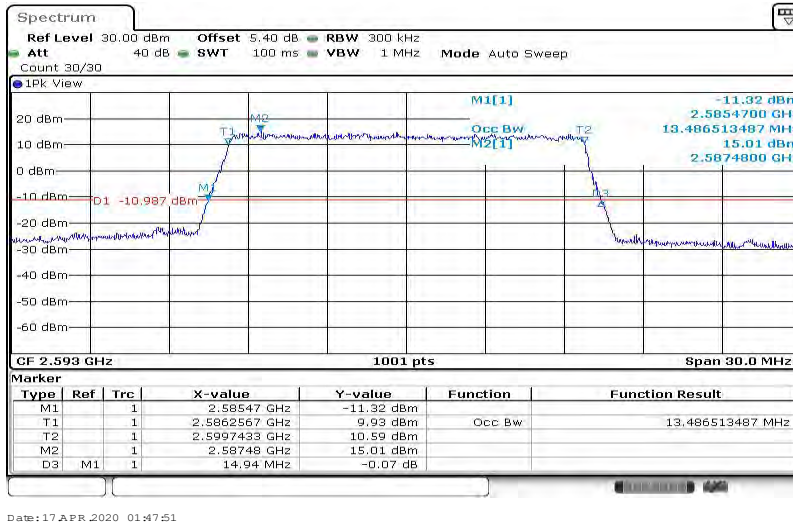
Band41-15MHz-64QAM-40620-75RB#0-13.487



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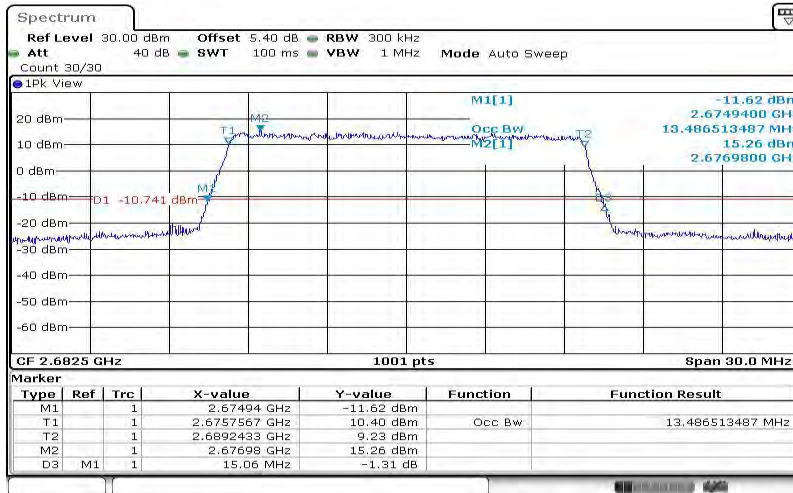
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Date: 17 APR 2020 01:47:51

Band41-15MHz-64QAM-41515-75RB#0-13.487

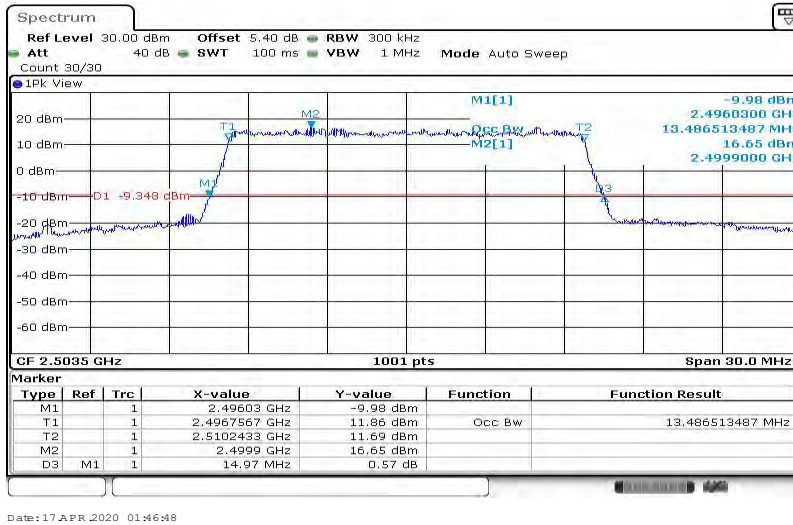


Date: 17 APR 2020 01:48:38

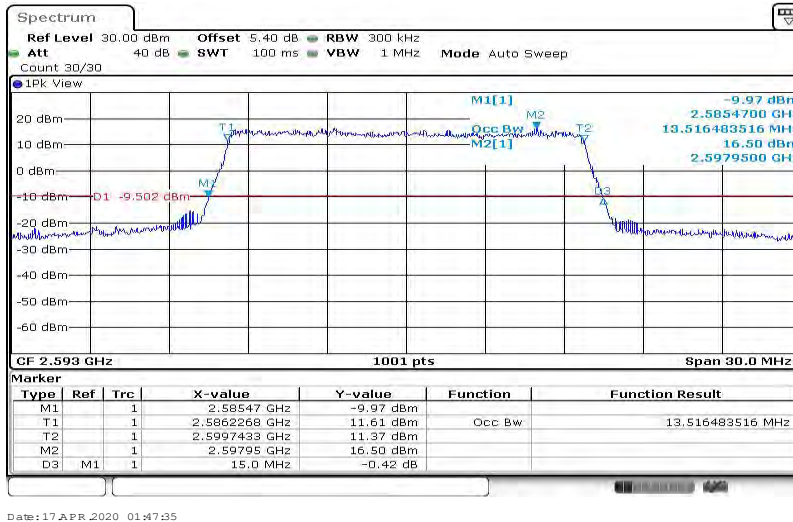
Band41-15MHz-16QAM-39725-75RB#0-13.487



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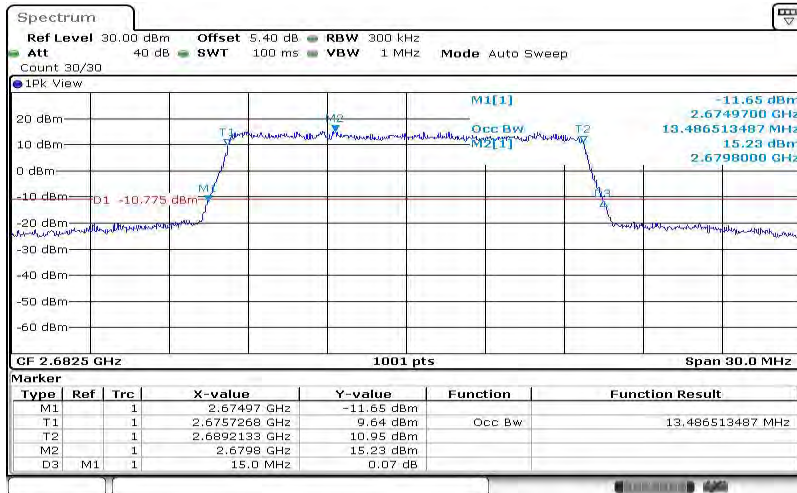
Band41-15MHz-16QAM-40620-75RB#0-13.516



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

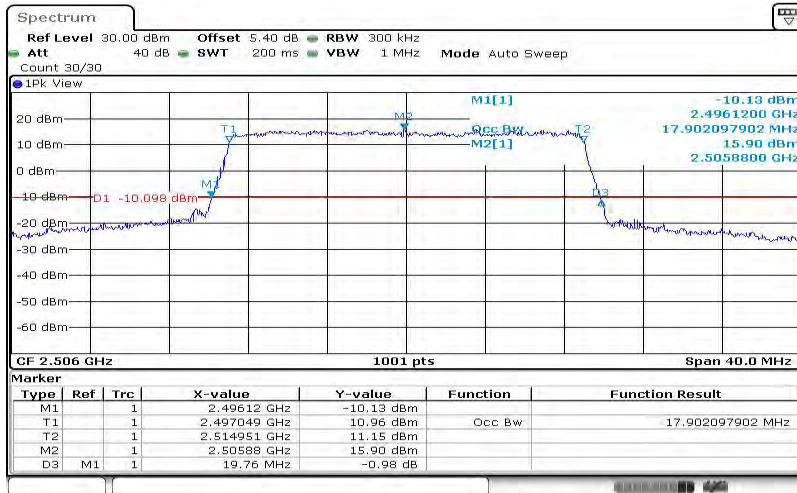


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Date: 17 APR 2020 01:48:23

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



Date: 17 APR 2020 01:49:01

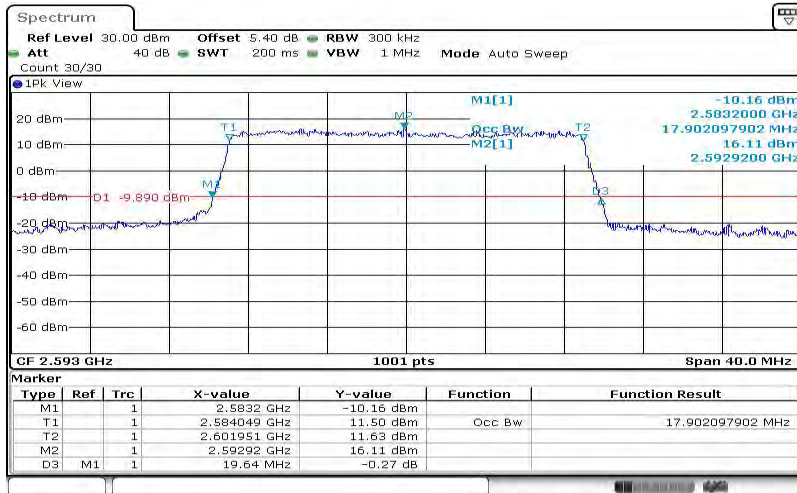
Band41-20MHz-QPSK-40620-100RB#0-17.902



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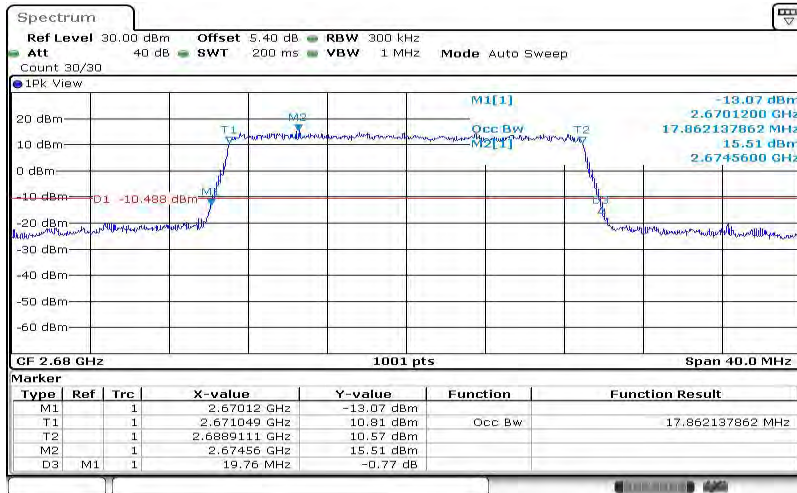
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Date: 17 APR 2020 01:49:54

Band41-20MHz-QPSK-41490-100RB#0-17.862

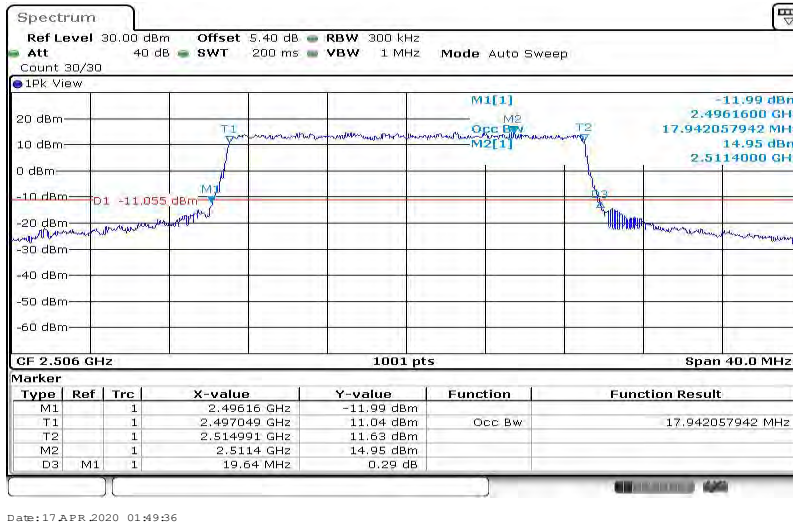


Date: 17 APR 2020 01:50:49

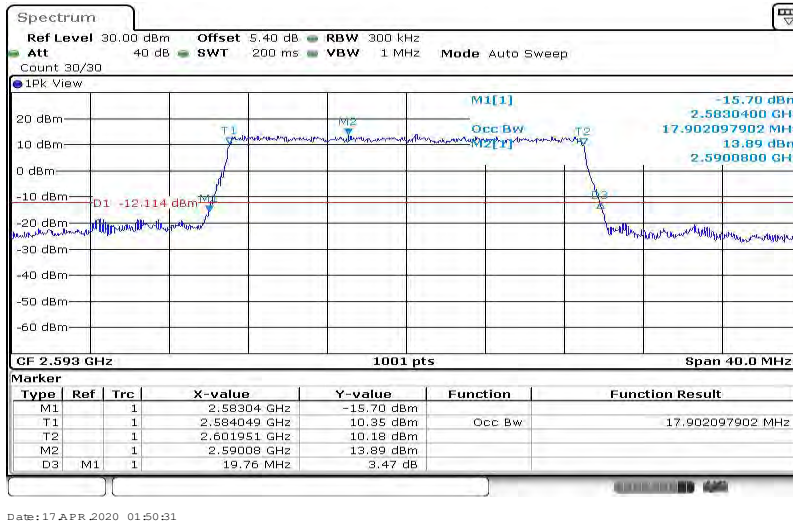
Band41-20MHz-64QAM-39750-100RB#0-17.942



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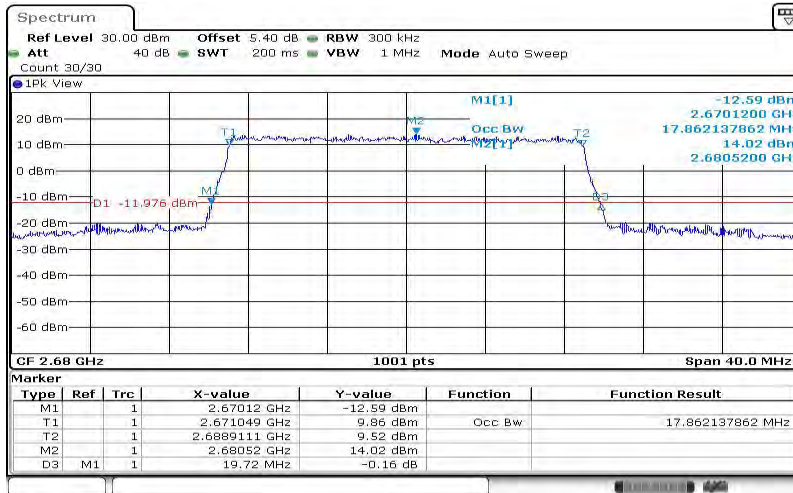
Band41-20MHz-64QAM-40620-100RB#0-17.902



Band41-20MHz-64QAM-41490-100RB#0-17.862

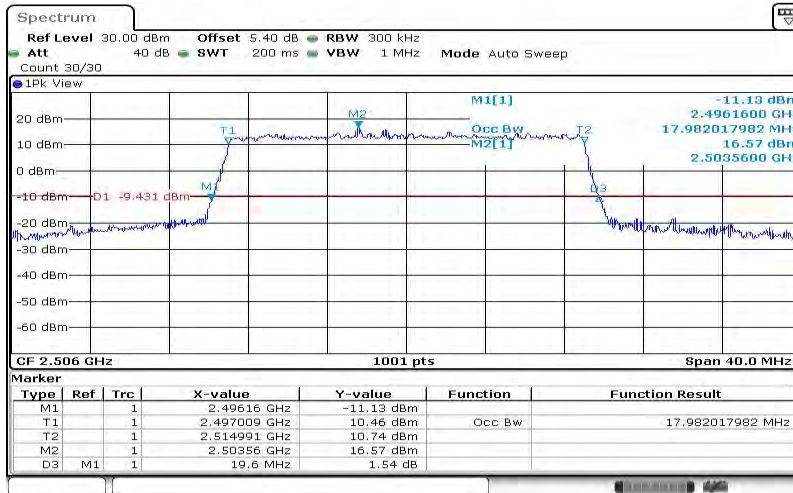


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Date: 17 APR 2020 01:51:24

Band41-20MHz-16QAM-39750-100RB#0-17.982

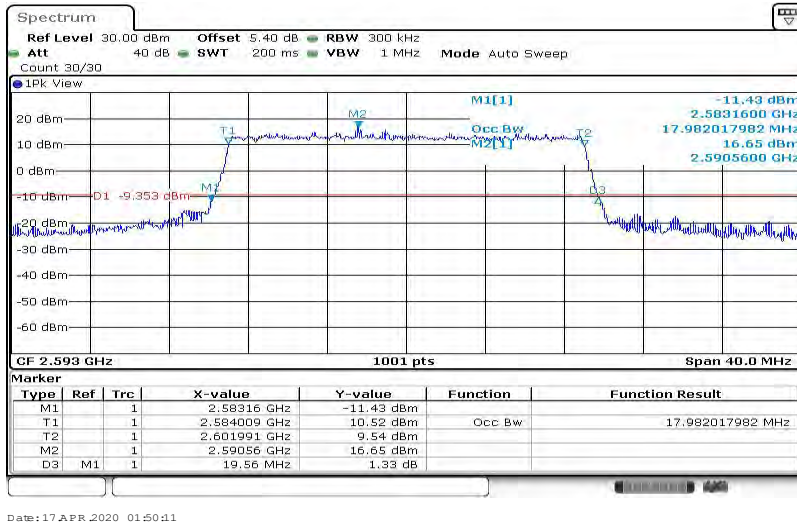


Date: 17 APR 2020 01:49:18

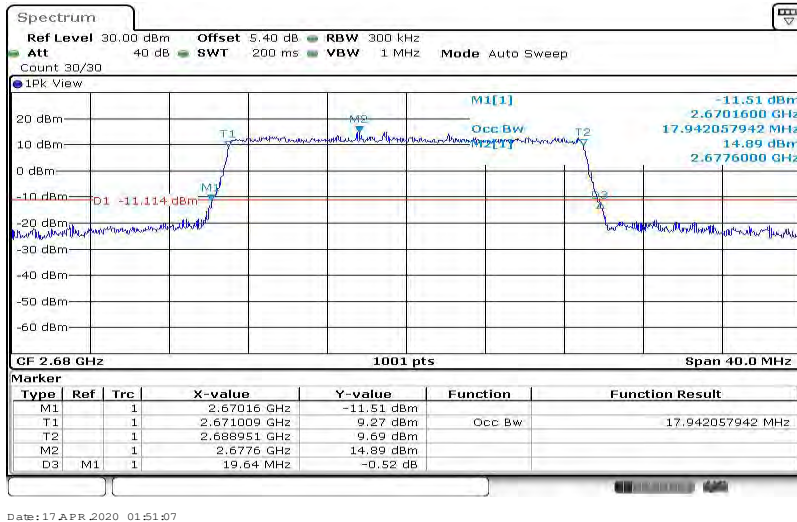
Band41-20MHz-16QAM-40620-100RB#0-17.982



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Band41-20MHz-16QAM-41490-100RB#0-17.942

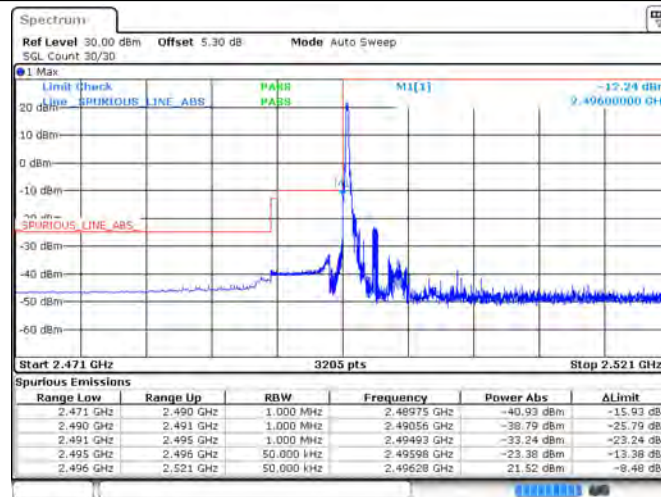


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5. Band Edge Compliance

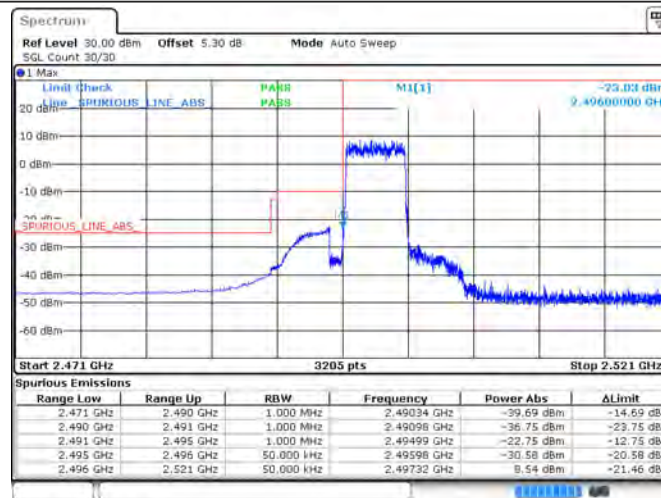
5.1. Test Plots

Band41_5MHz_QPSK_39675_1RB#0



Date: 26 MAR 2020 03:33:56

Band41_5MHz_QPSK_39675_25RB#0

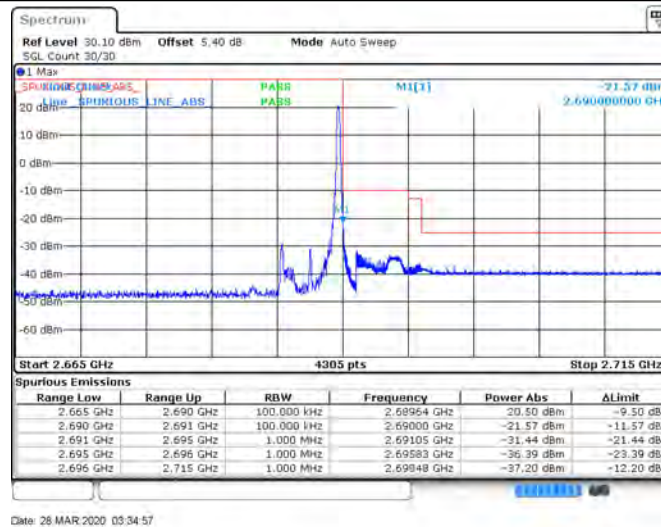


Date: 26 MAR 2020 03:34:06

Band41_5MHz_QPSK_41565_1RB#24

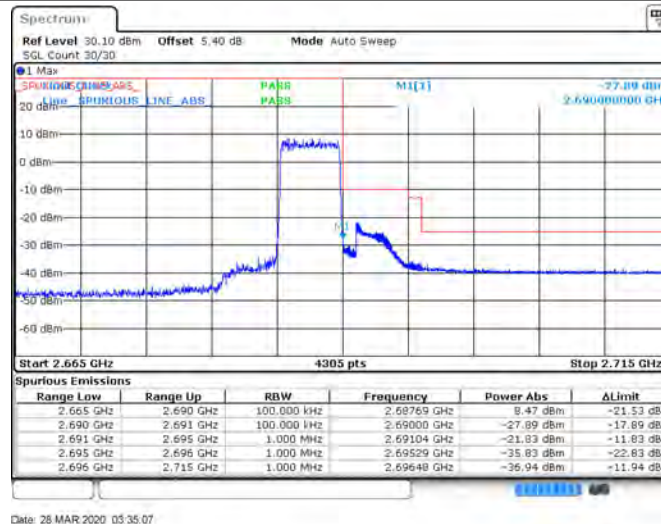


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Date: 26 MAR 2020 03:34:57

Band41_5MHz_QPSK_41565_25RB#0

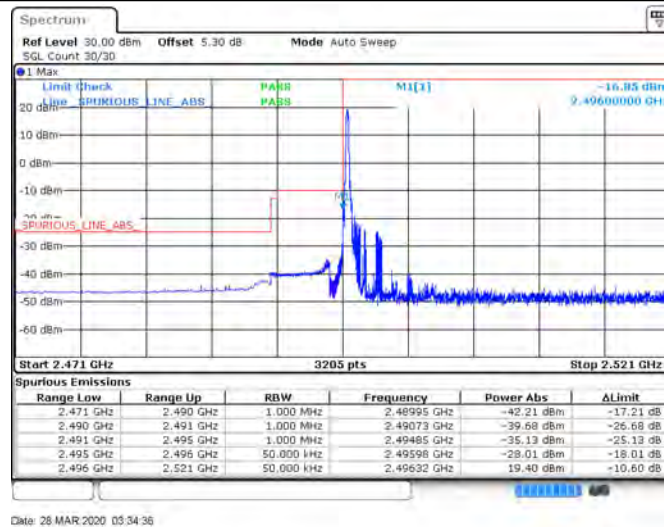


Date: 26 MAR 2020 03:35:07

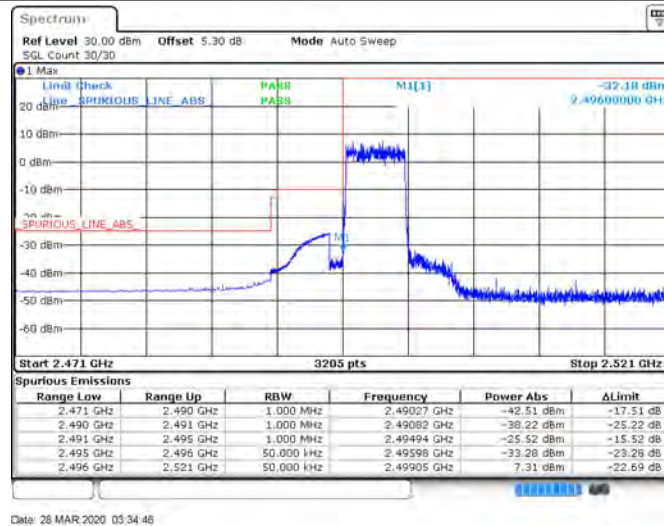
Band41_5MHz_64QAM_39675_1RB#0



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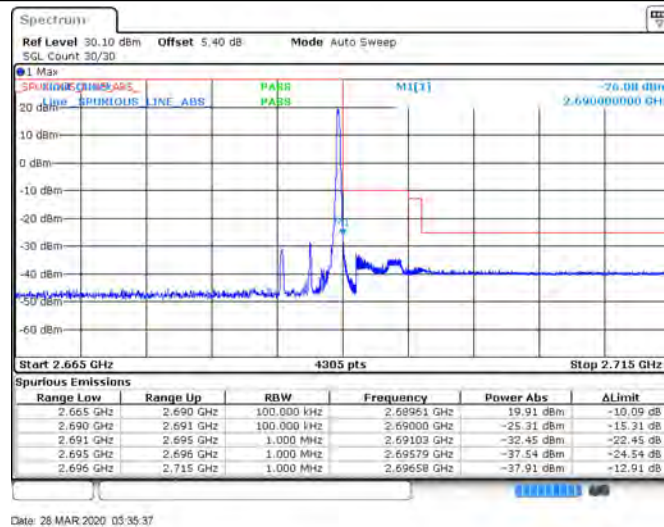
Band41_5MHz_64QAM_39675_25RB#0



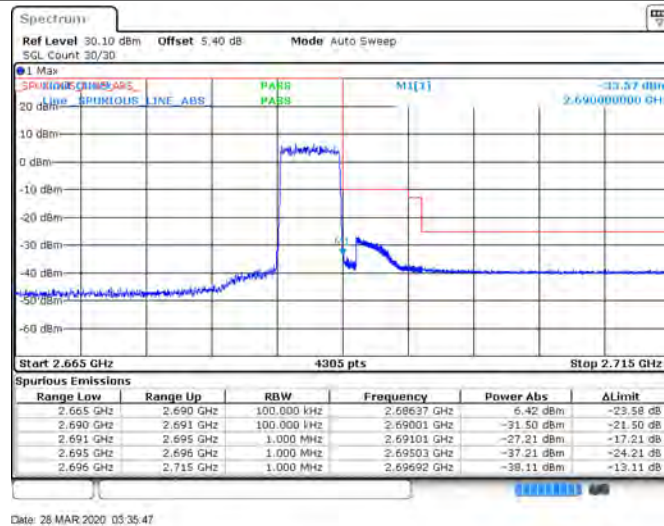
Band41_5MHz_64QAM_41565_1RB#24



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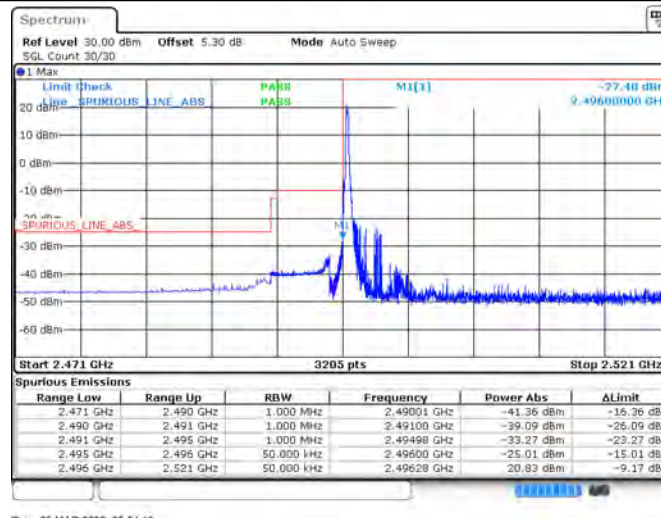
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Band41_5MHz_16QAM_39675_1RB#0

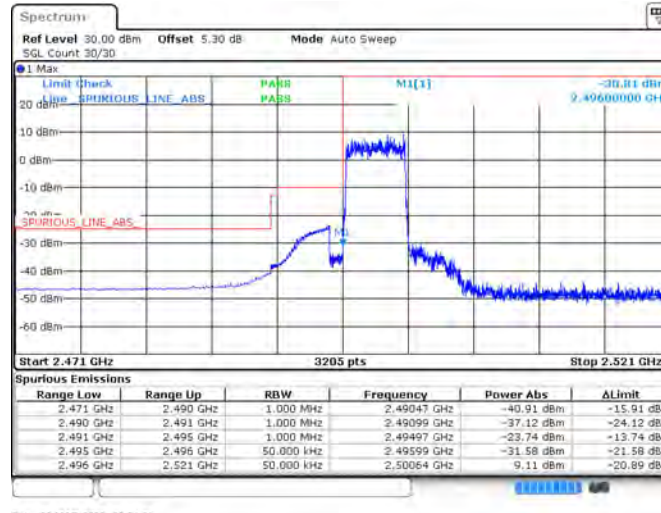


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Date: 26 MAR 2020 03:34:16

Band41_5MHz_16QAM_39675_25RB#0



Date: 26 MAR 2020 03:34:26

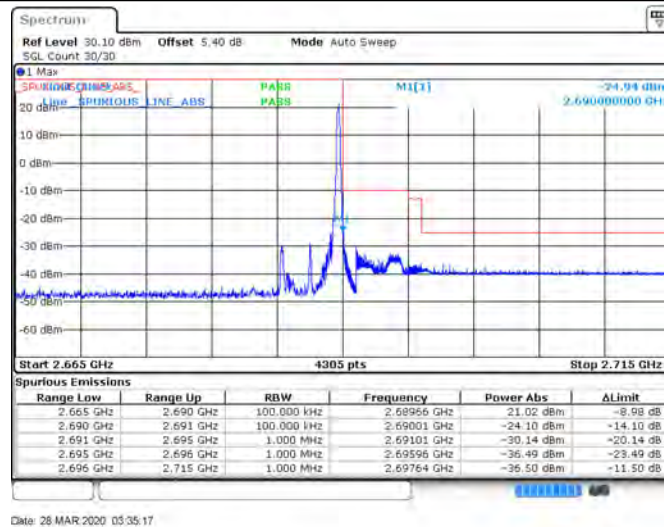
Band41_5MHz_16QAM_41565_1RB#24



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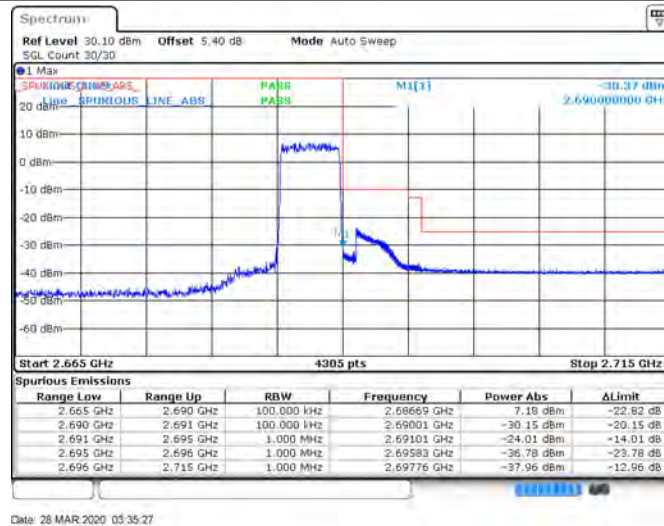
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Date: 26 MAR 2020 03:35:17

Band41_5MHz_16QAM_41565_25RB#0

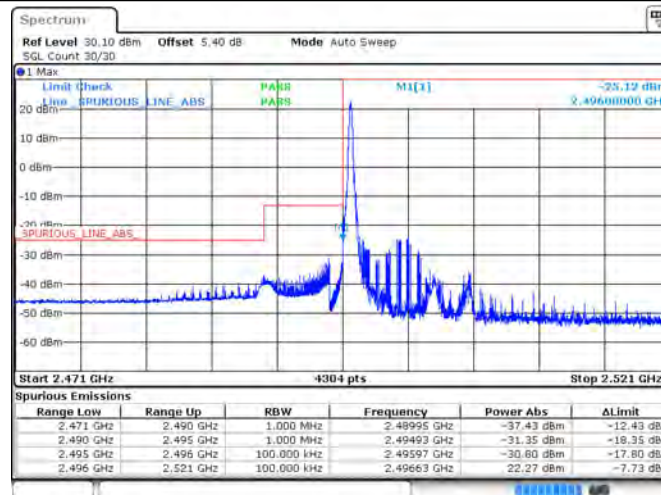


Date: 26 MAR 2020 03:35:27

Band41_10MHz_QPSK_39700_1RB#0

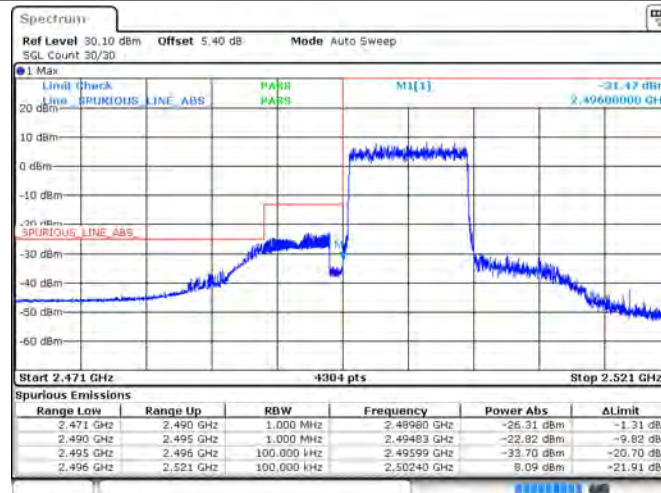


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Date: 26 MAR 2020 03:35:58

Band41_10MHz_QPSK_39700_50RB#0

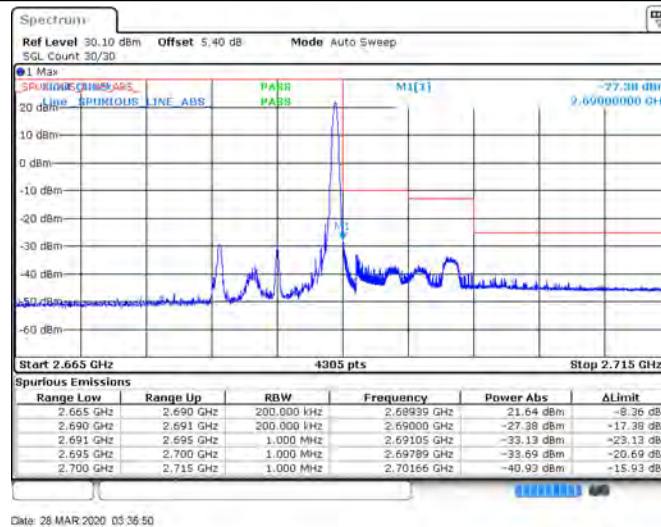


Date: 26 MAR 2020 03:36:06

Band41_10MHz_QPSK_41540_1RB#49

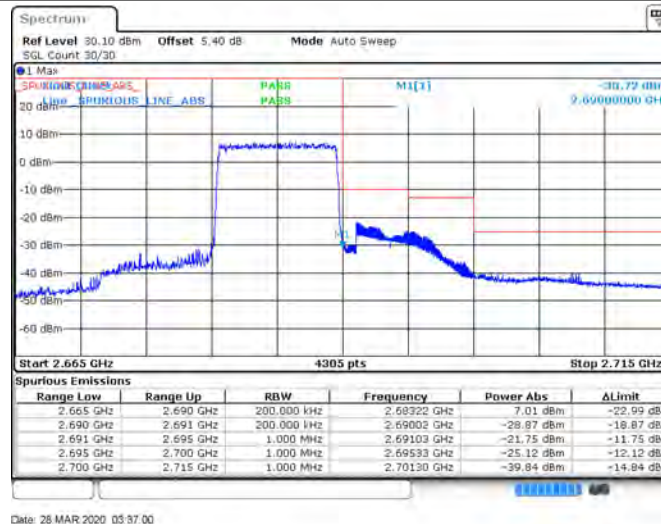


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Date: 26 MAR 2020 03:36:50

Band41_10MHz_QPSK_41540_50RB#0

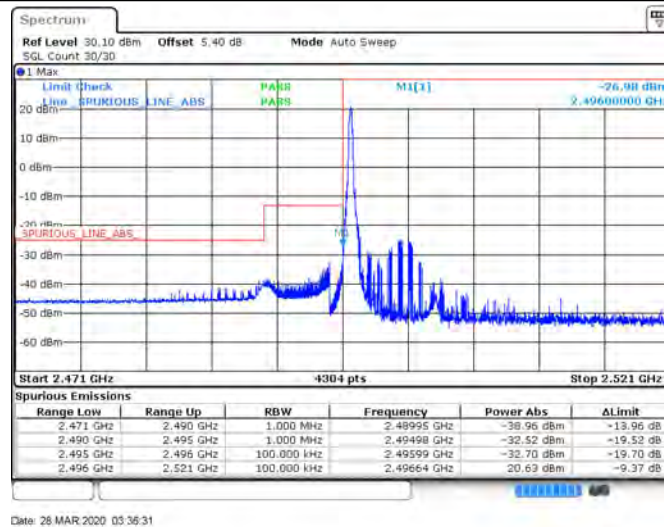


Date: 26 MAR 2020 03:37:00

Band41_10MHz_64QAM_39700_1RB#0

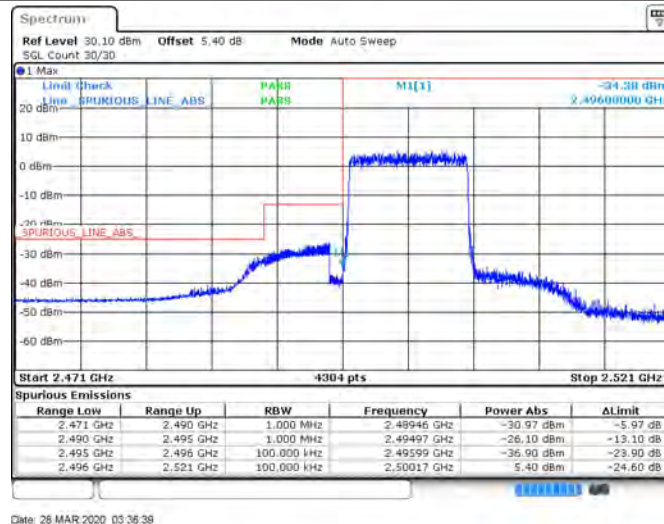


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Date: 26 MAR 2020 03:36:31

Band1_10MHz_64QAM_39700_50RB#0

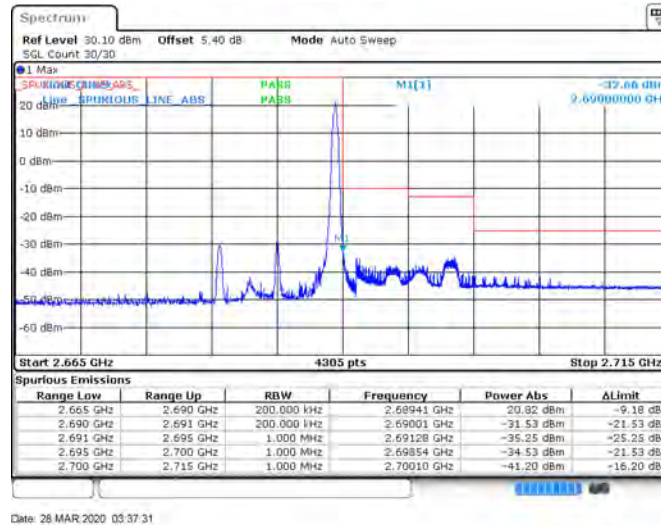


Date: 26 MAR 2020 03:36:38

Band1_10MHz_64QAM_41540_1RB#49

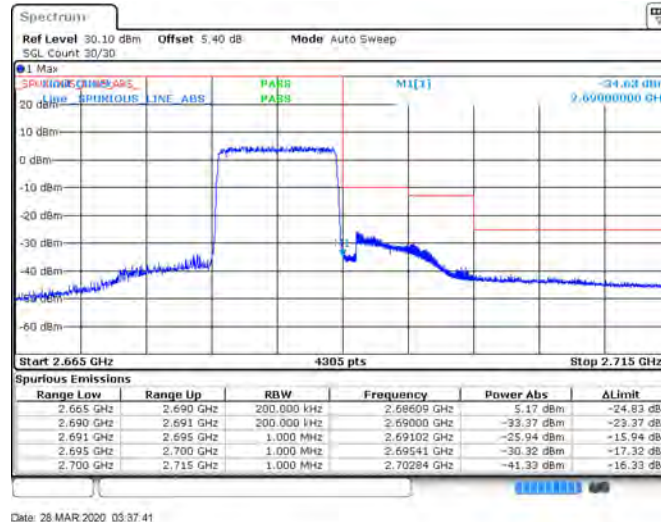


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Date: 26 MAR 2020 05:37:31

Band41_10MHz_64QAM_41540_50RB#0

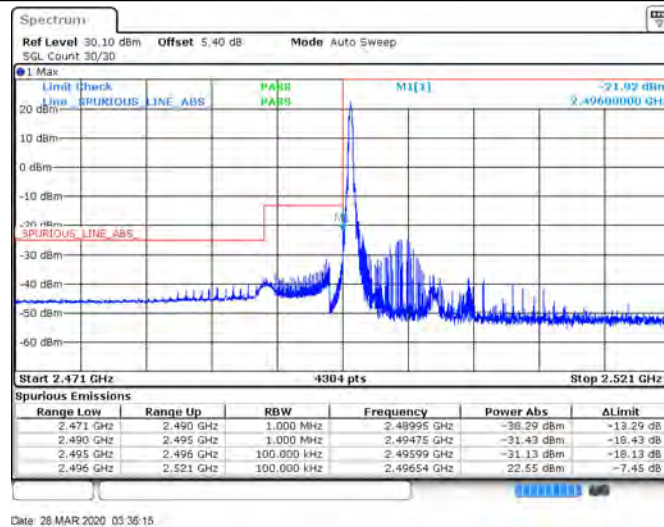


Date: 26 MAR 2020 05:37:41

Band41_10MHz_16QAM_39700_1RB#0

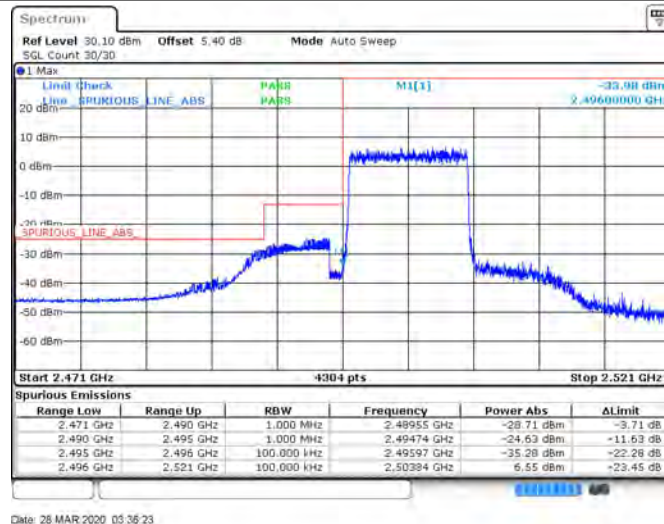


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Date: 26 MAR 2020 03:36:15

Band41_10MHz_16QAM_39700_50RB#0

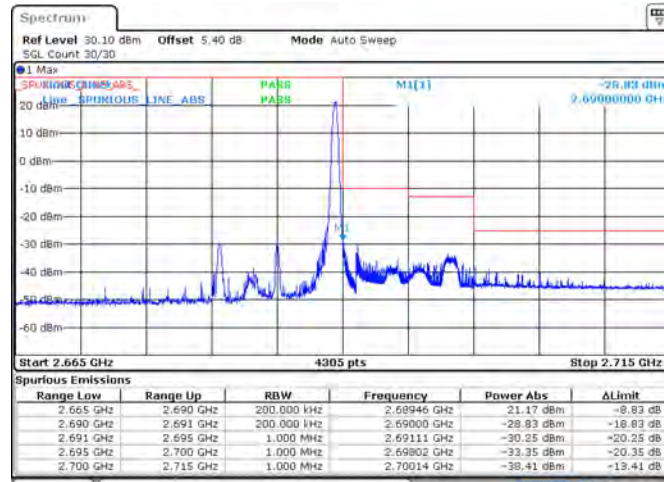


Date: 26 MAR 2020 03:36:23

Band41_10MHz_16QAM_41540_1RB#49



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Date: 26 MAR 2020 05:37:11

Band41_10MHz_16QAM_41540_50RB#0

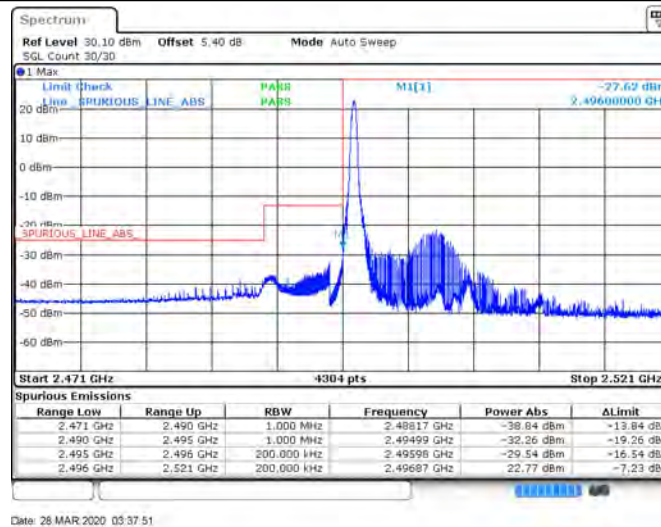


Date: 26 MAR 2020 05:37:21

Band41_15MHz_QPSK_39725_1RB#0

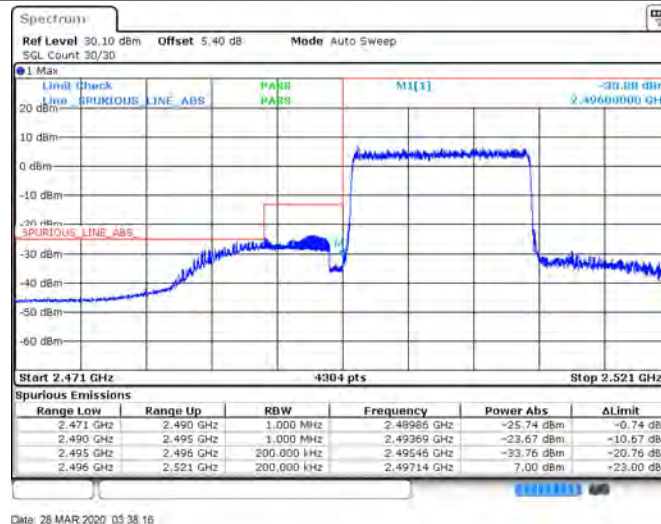


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Date: 26 MAR 2020 05:37:51

Band41_15MHz_QPSK_39725_75RB#0

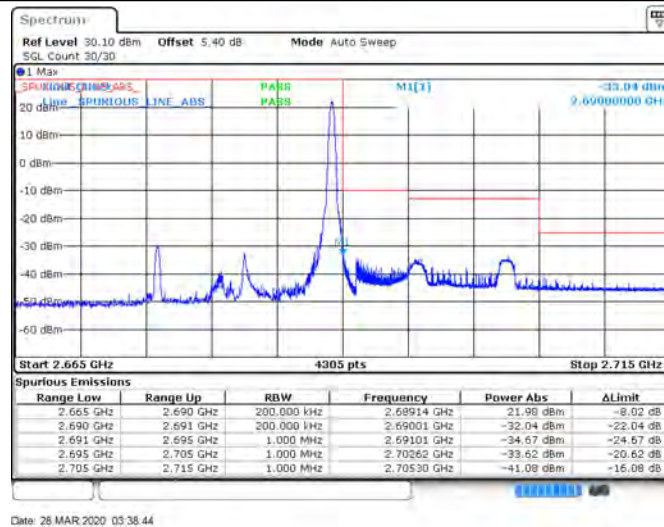


Date: 26 MAR 2020 05:38:16

Band41_15MHz_QPSK_41515_1RB#74

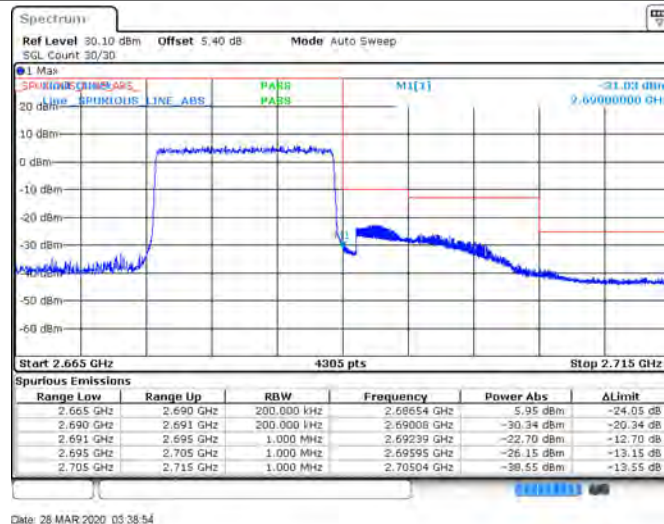


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Date: 26 MAR 2020 03:38:44

Band41_15MHz_QPSK_41515_75RB#0

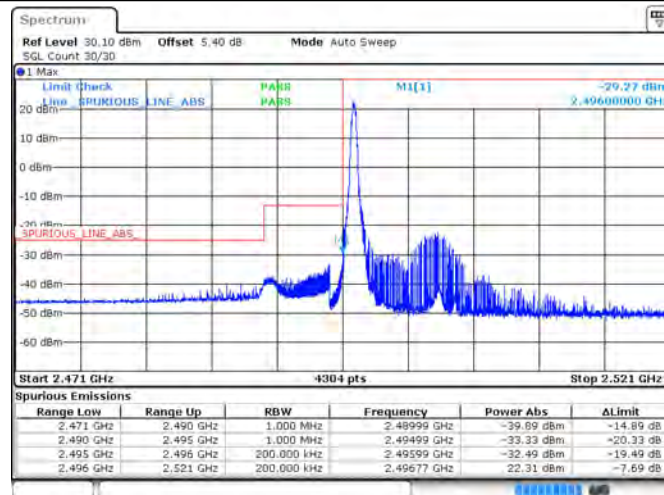


Date: 26 MAR 2020 03:38:54

Band41_15MHz_64QAM_39725_1RB#0

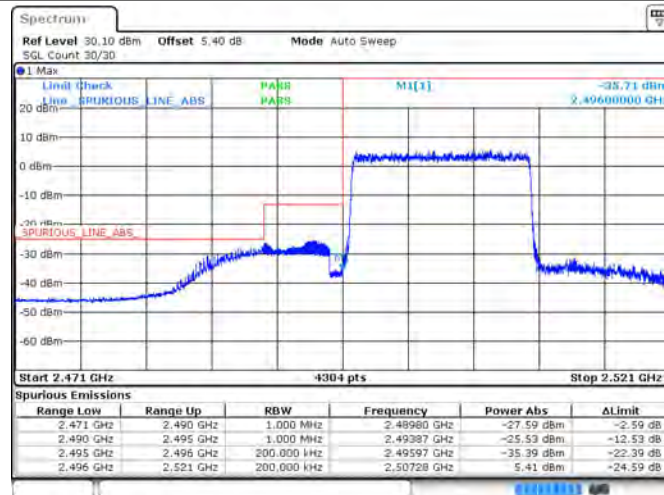


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Date: 26 MAR 2020 03:38:25

Band41_15MHz_64QAM_39725_75RB#0



Date: 26 MAR 2020 03:38:33

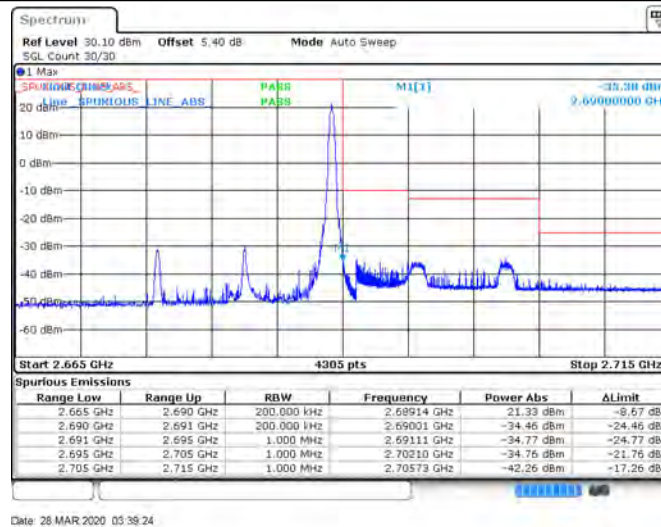
Band41_15MHz_64QAM_41515_1RB#74



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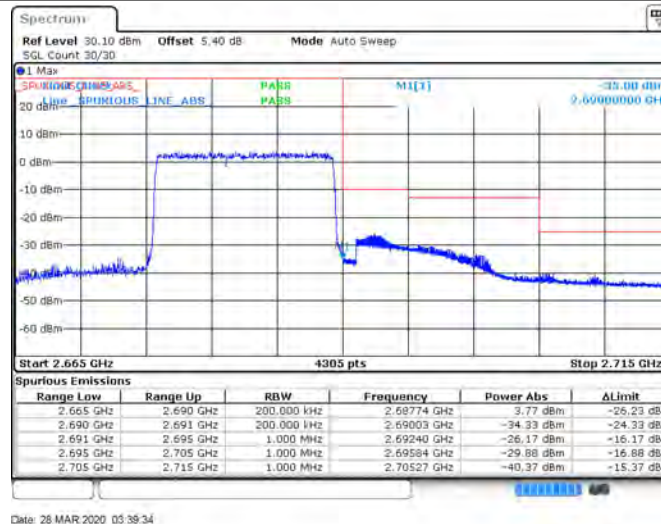
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Date: 26 MAR 2020 03:38:24

Band41_15MHz_64QAM_41515_75RB#0

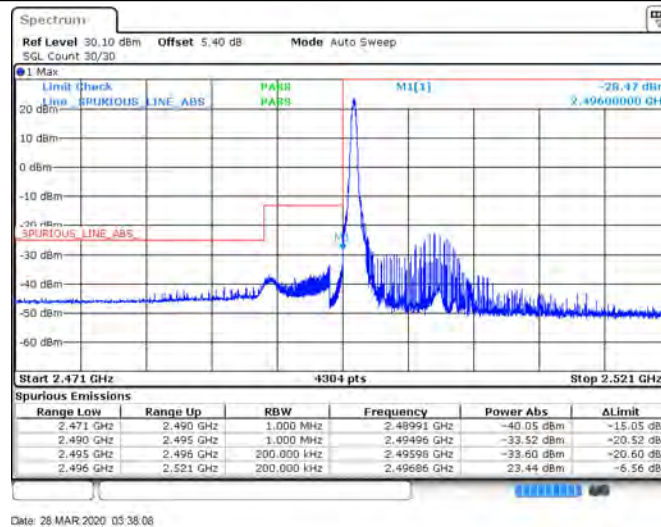


Date: 26 MAR 2020 03:38:34

Band41_15MHz_16QAM_39725_1RB#0

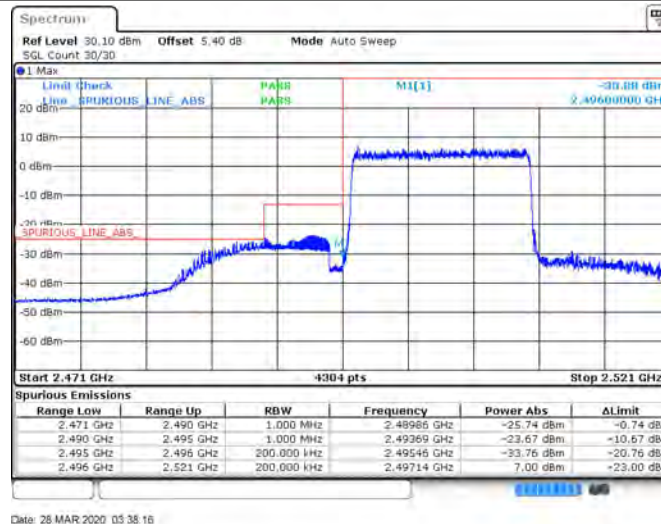


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Date: 26 MAR 2020 03:38:08

Band41_15MHz_16QAM_39725_75RB#0

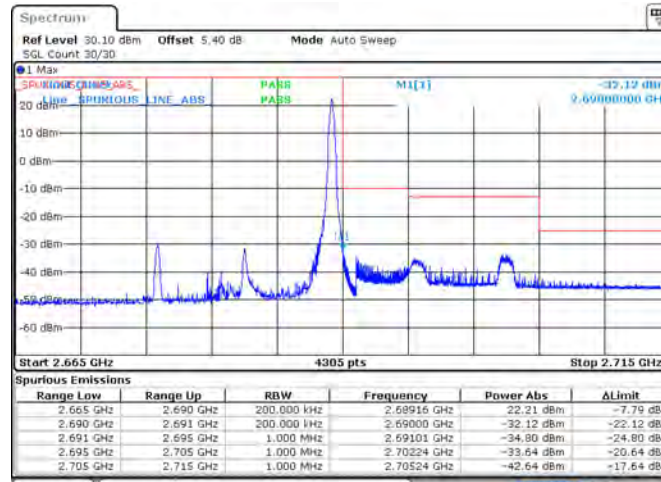


Date: 26 MAR 2020 03:38:16

Band41_15MHz_16QAM_41515_1RB#74

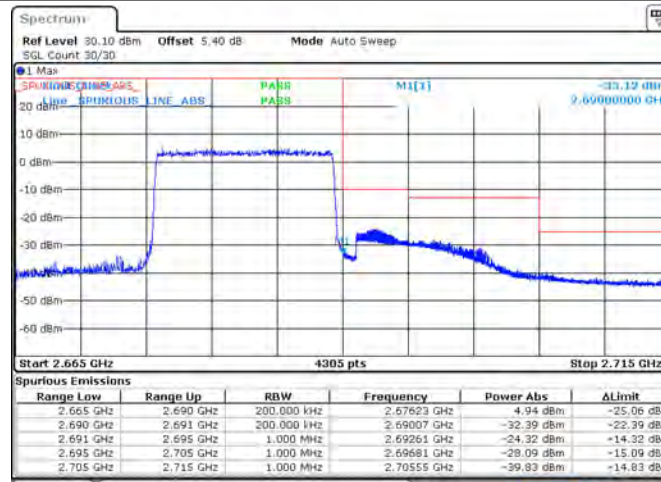


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Date: 26 MAR 2020 03:38:04

Band41_15MHz_16QAM_41515_75RB#0

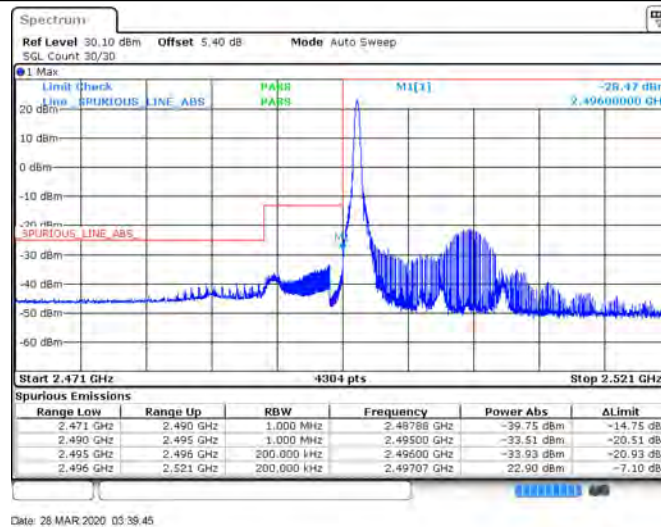


Date: 26 MAR 2020 03:38:14

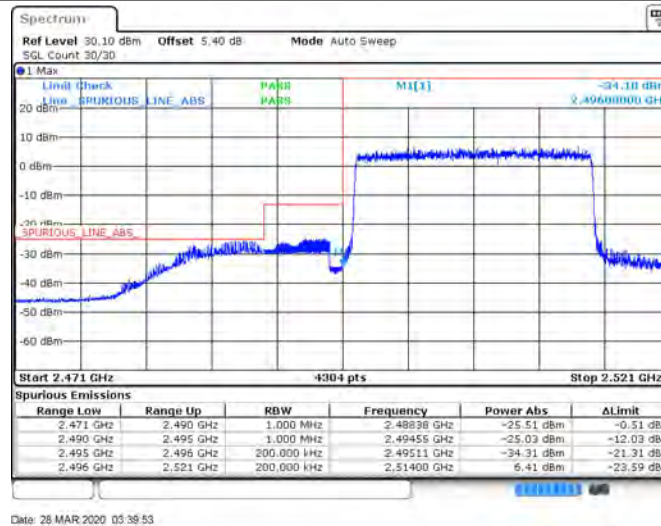
Band41_20MHz_QPSK_39750_1RB#0



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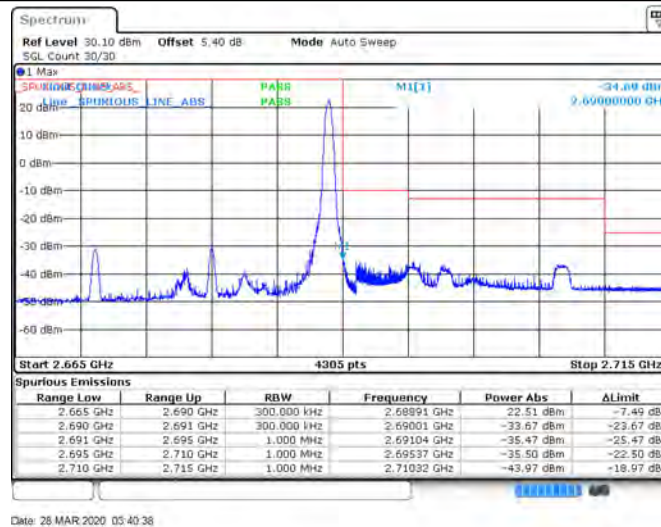
Band41_20MHz_QPSK_39750_100RB#0



Band41_20MHz_QPSK_41490_1RB#99

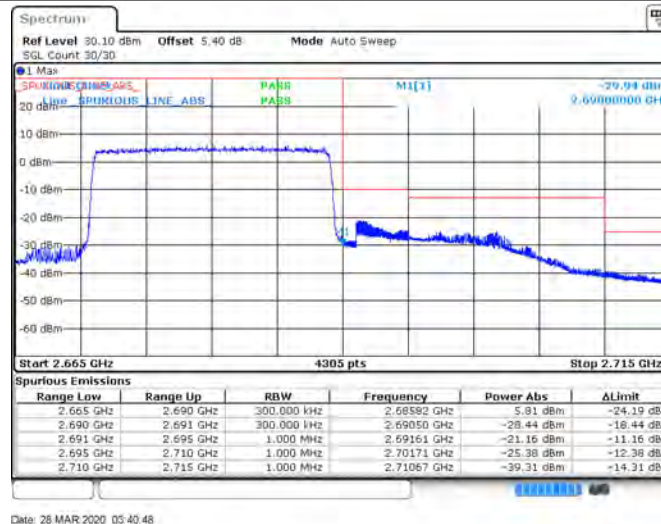


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Date: 26 MAR 2020 05:40:38

Band41_20MHz_QPSK_41490_100RB#0

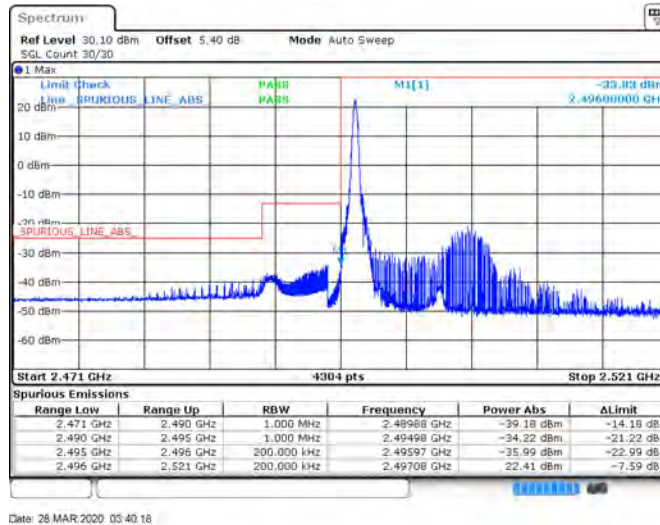


Date: 26 MAR 2020 05:40:48

Band41_20MHz_64QAM_39750_1RB#0

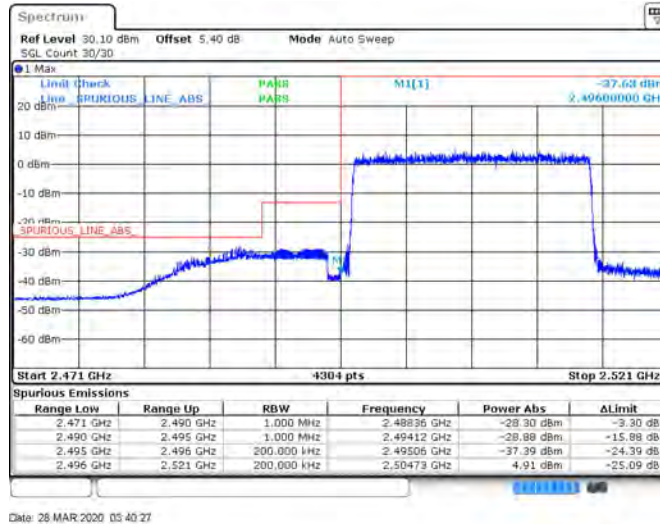


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Date: 26 MAR 2020 05:40:18

Band41_20MHz_64QAM_39750_100RB#0

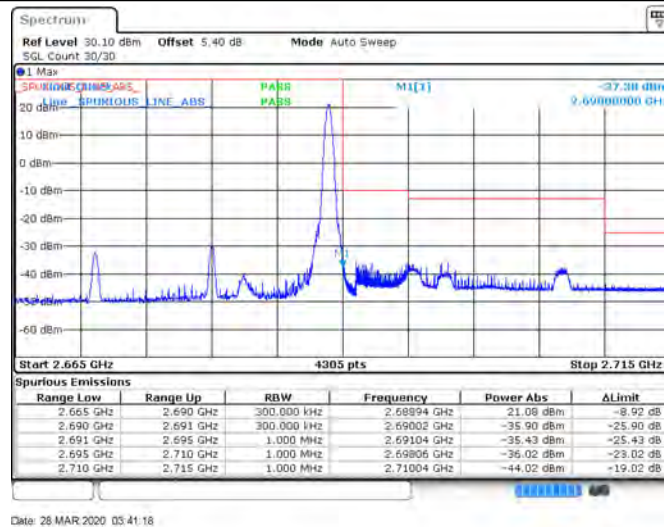


Date: 26 MAR 2020 05:40:27

Band41_20MHz_64QAM_41490_1RB#99

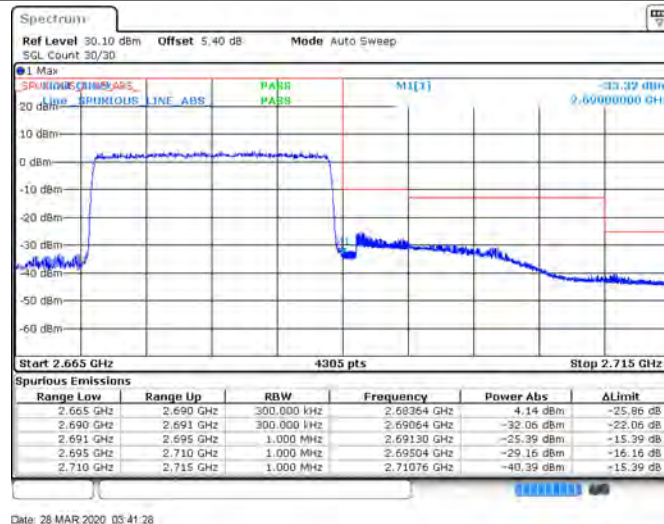


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Date: 26 MAR 2020 05:41:18

Band41_20MHz_64QAM_41490_100RB#0

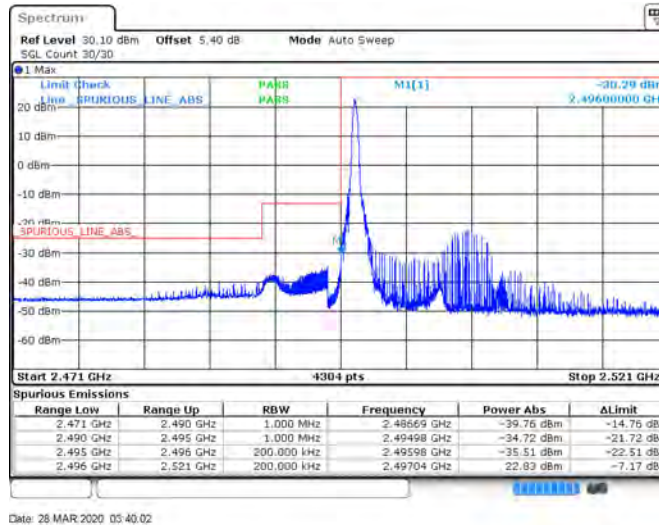


Date: 26 MAR 2020 05:41:28

Band41_20MHz_16QAM_39750_1RB#0

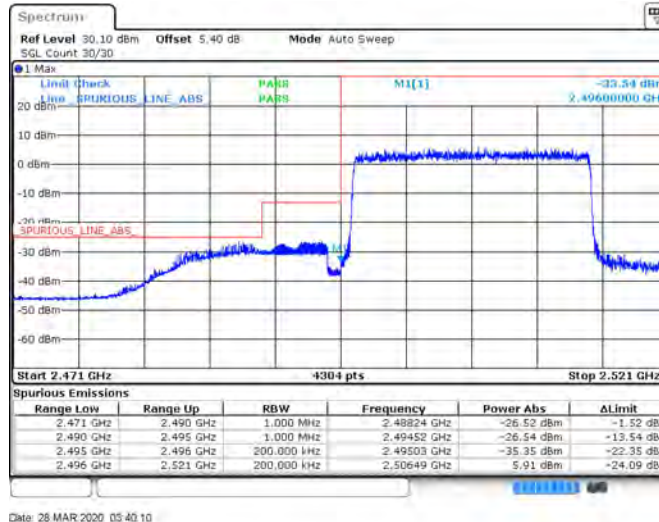


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Date: 26 MAR 2020 05:40:02

Band41_20MHz_16QAM_39750_100RB#0

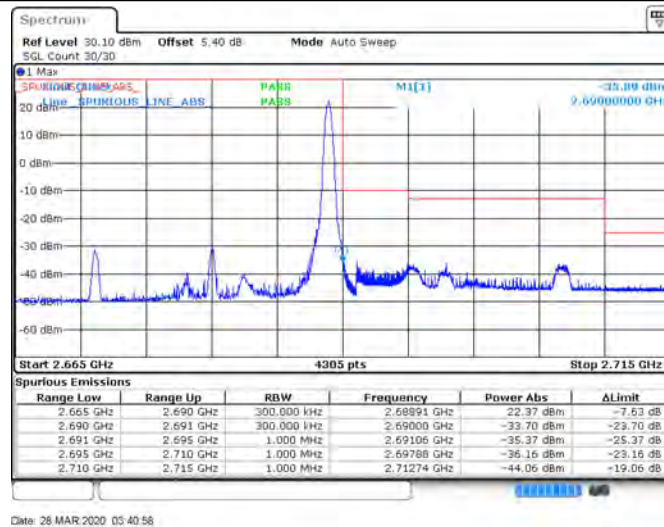


Date: 26 MAR 2020 05:40:10

Band41_20MHz_16QAM_41490_1RB#99

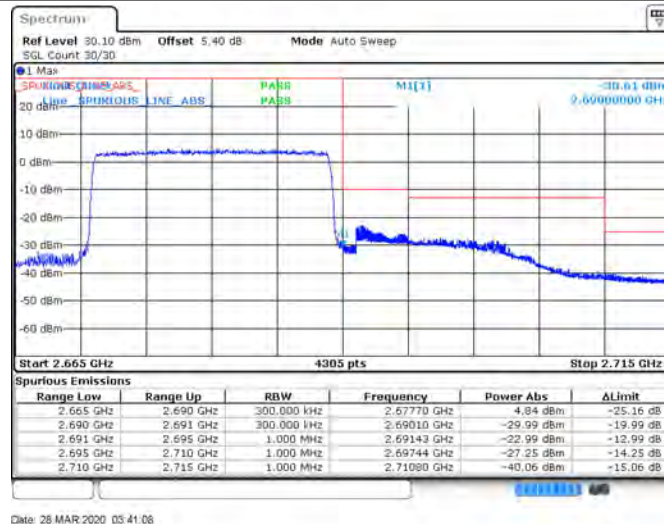


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Date: 26 MAR 2020 05:40:58

Band41_20MHz_16QAM_41490_100RB#0



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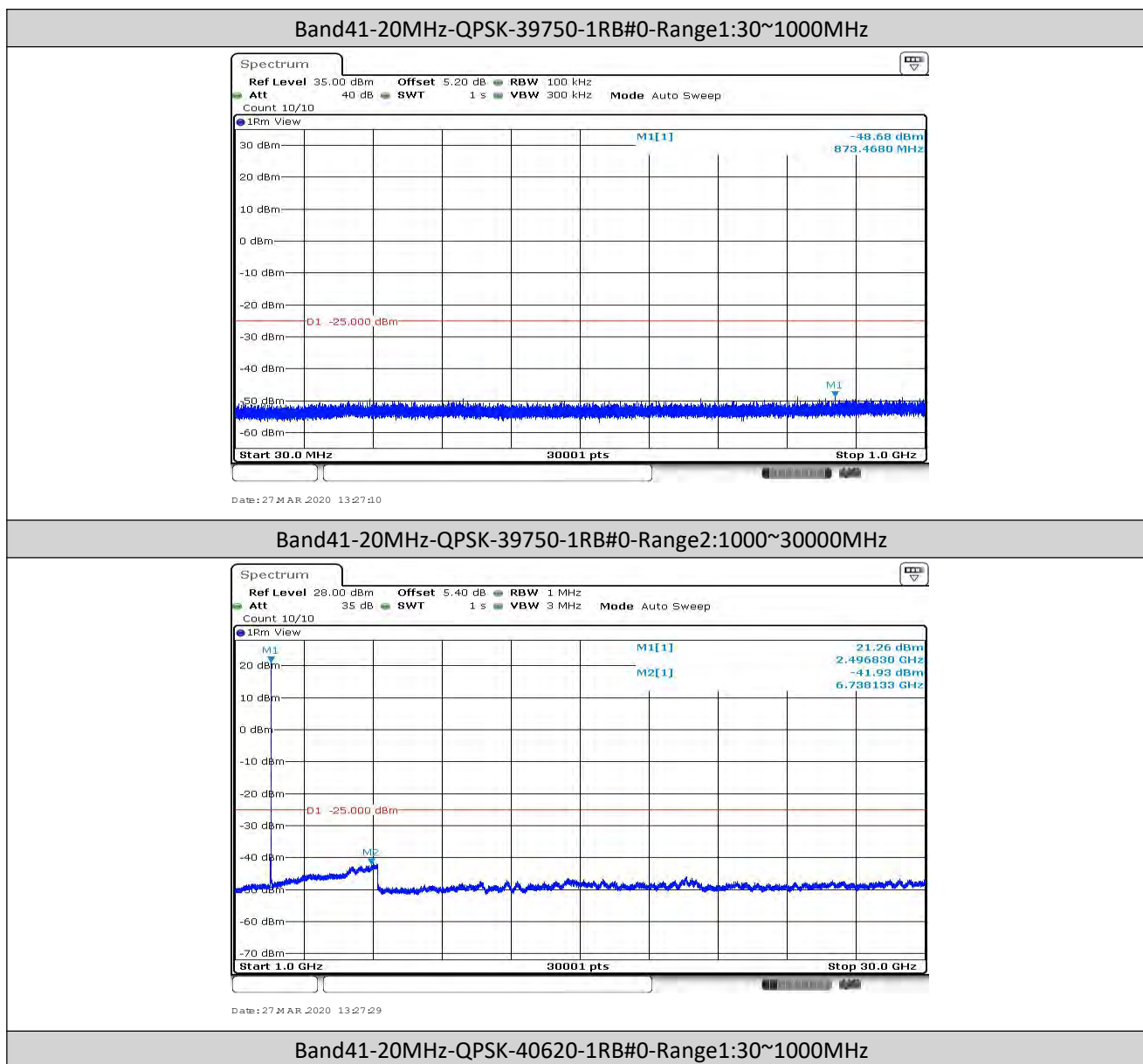


6. Spurious Emission at Antenna Terminal

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

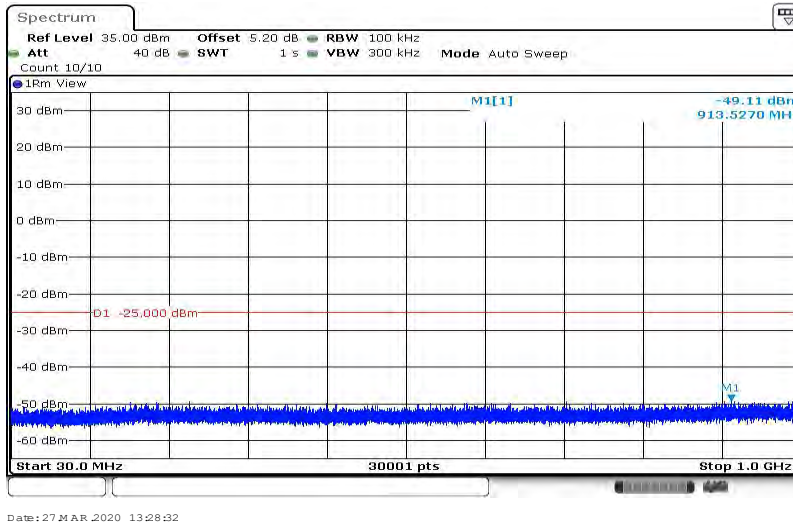


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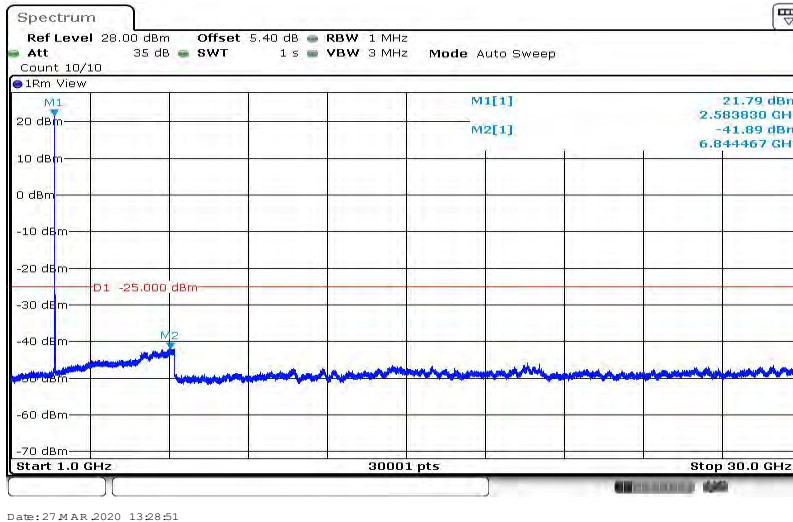
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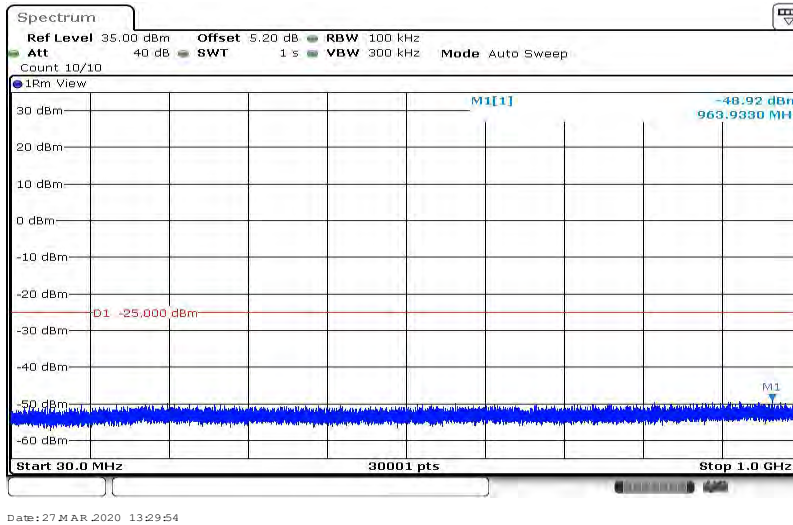
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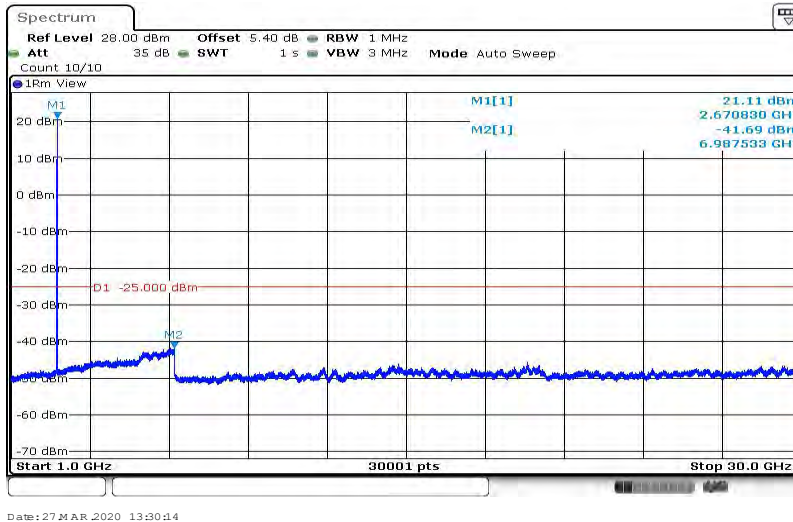
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~100MHz



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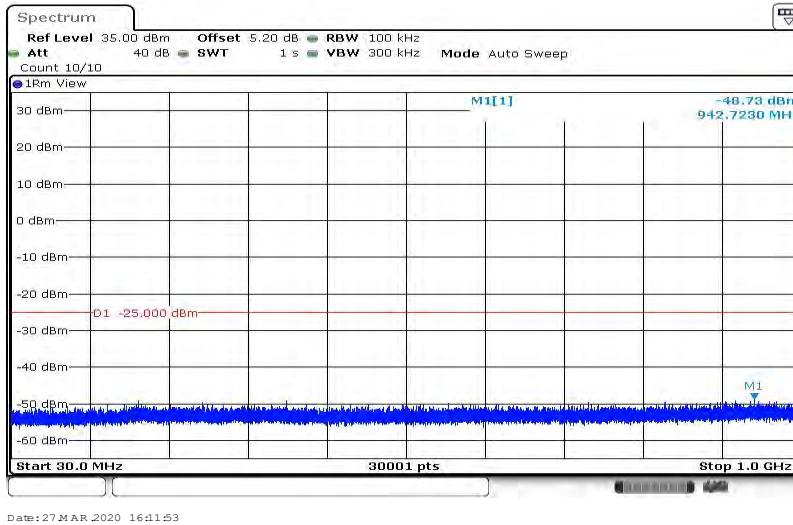
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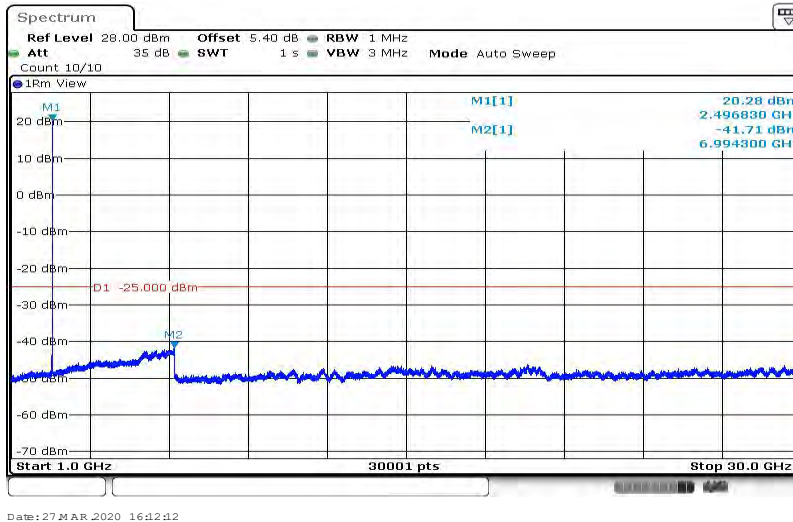
Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz



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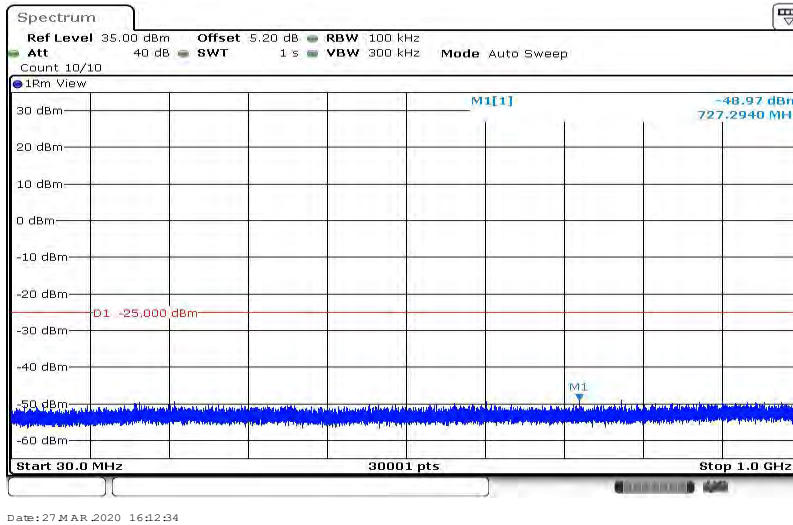
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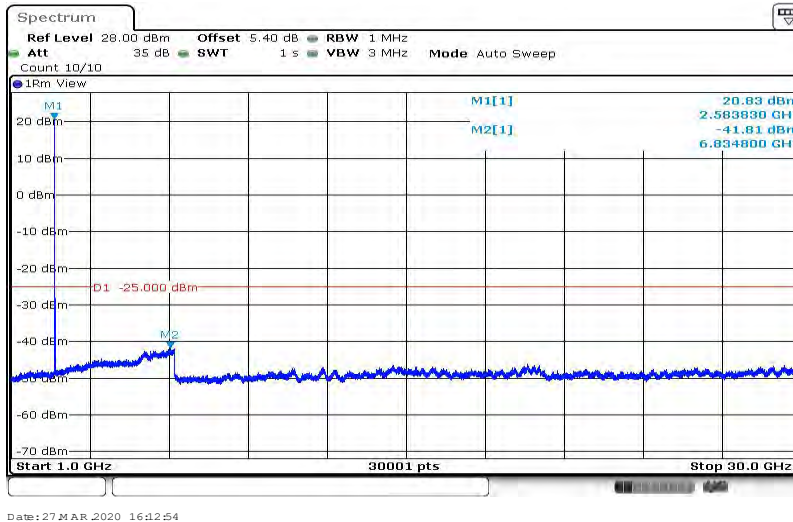
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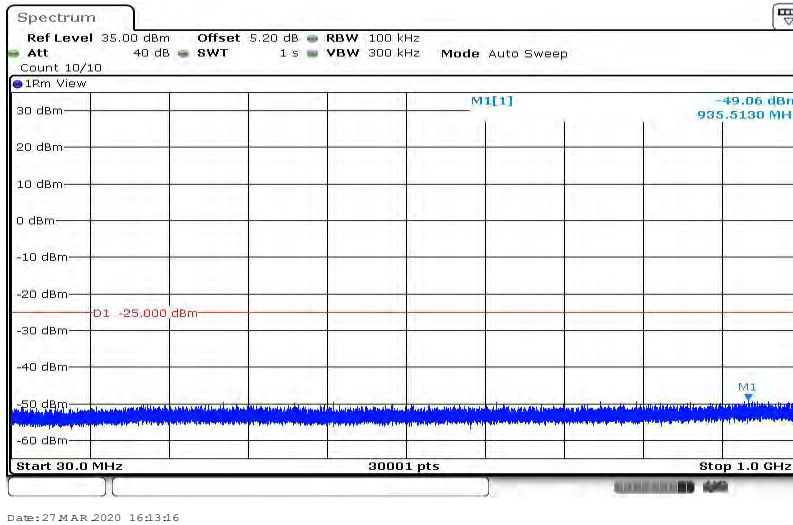
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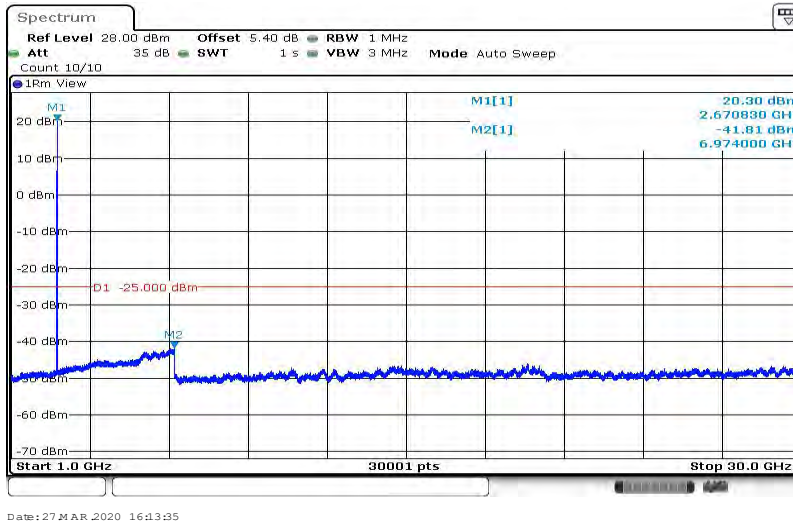
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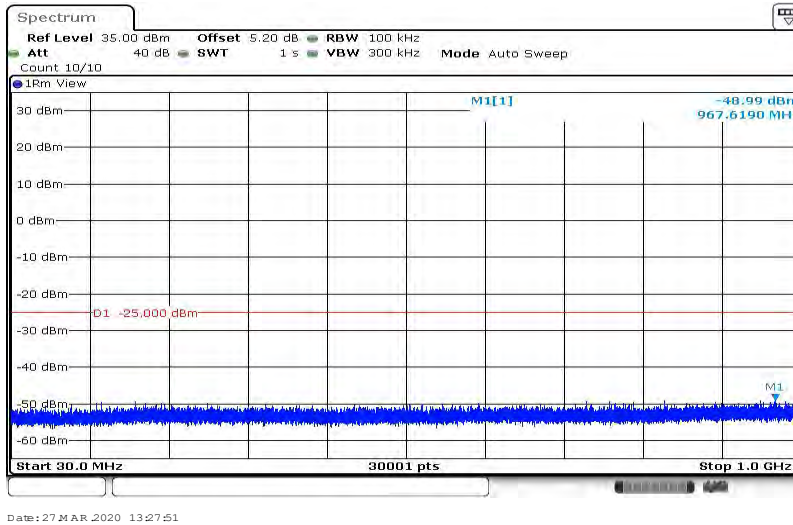
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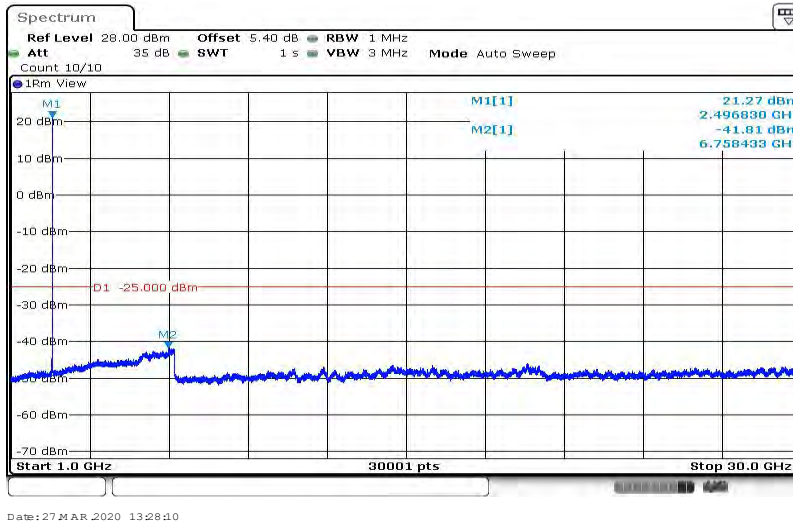
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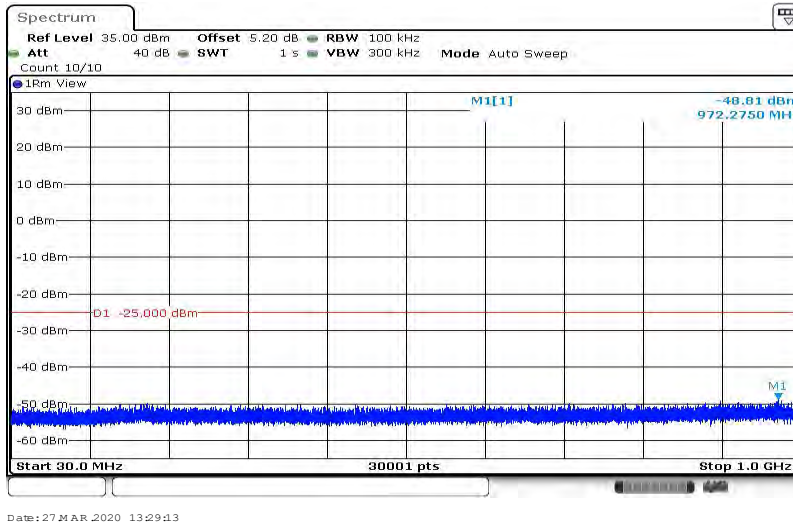
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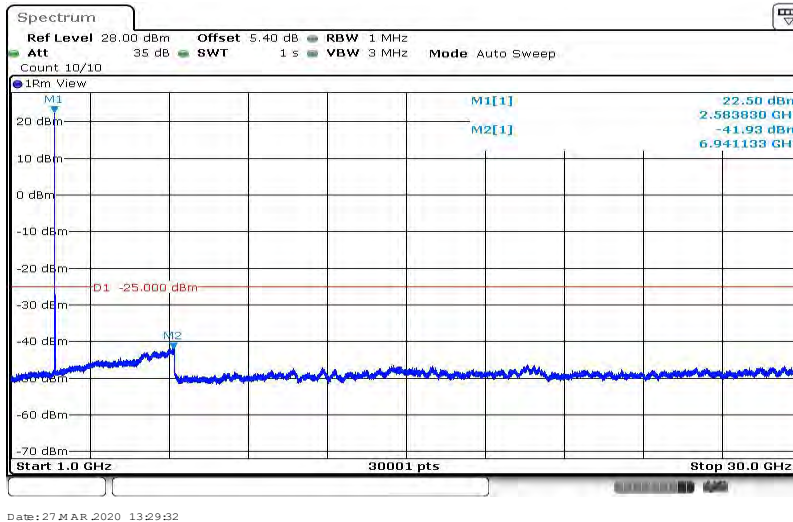
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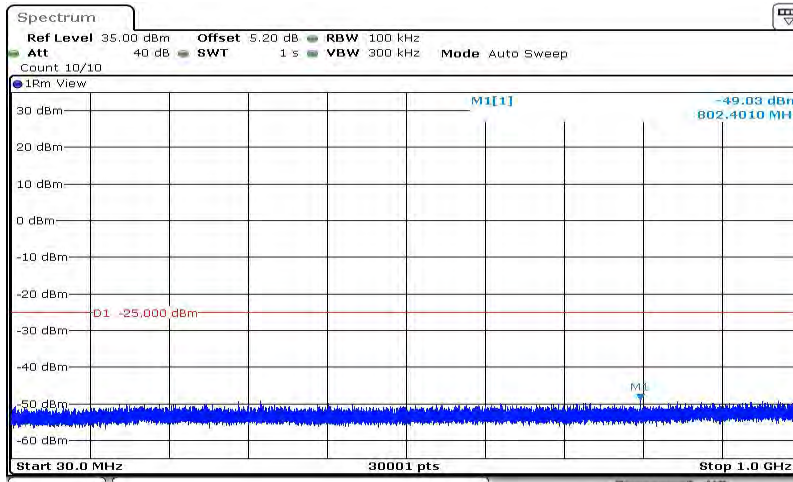
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Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz

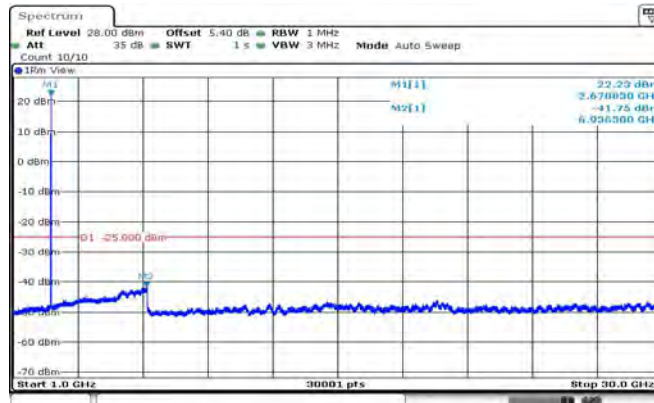


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Date: 27 MAR 2020 13:30:35

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



Date: 27 MAR 2020 13:30:55



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 (Down Ant)

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
103.2872	-65.04	-25.00	40.04	Vertical
741.0456	-61.77	-25.00	36.77	Vertical
1716.5433	-43.85	-25.00	18.85	Vertical
7290.6430	-56.02	-25.00	31.02	Vertical
14480.8827	-46.35	-25.00	21.35	Vertical
17995.4999	-38.95	-25.00	13.95	Vertical
43.7747	-64.36	-25.00	39.36	Horizontal
519.2440	-65.64	-25.00	40.64	Horizontal
1613.3227	-44.62	-25.00	19.62	Horizontal
7478.1493	-54.54	-25.00	29.54	Horizontal
16401.4467	-42.80	-25.00	17.80	Horizontal
17999.0000	-43.60	-25.00	18.60	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.0290	-65.26	-25.00	40.26	Vertical
639.1420	-64.01	-25.00	39.01	Vertical
1785.3571	-43.84	-25.00	18.84	Vertical
7352.1451	-54.26	-25.00	29.26	Vertical
14703.8901	-46.79	-25.00	21.79	Vertical
17998.5000	-38.80	-25.00	13.80	Vertical
40.8160	-63.59	-25.00	38.59	Horizontal
598.4969	-64.32	-25.00	39.32	Horizontal
1601.3203	-44.63	-25.00	19.63	Horizontal
7483.6495	-55.01	-25.00	30.01	Horizontal
16397.4466	-42.87	-25.00	17.87	Horizontal
17996.9999	-43.55	-25.00	18.55	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.2230	-64.60	-25.00	39.60	Vertical
604.5597	-63.89	-25.00	38.89	Vertical
1780.9562	-43.78	-25.00	18.78	Vertical
7325.6442	-54.93	-25.00	29.93	Vertical
14473.3824	-46.49	-25.00	21.49	Vertical
17997.9999	-38.50	-25.00	13.50	Vertical
40.7675	-64.12	-25.00	39.12	Horizontal
577.7379	-63.94	-25.00	38.94	Horizontal
1795.3591	-43.14	-25.00	18.14	Horizontal
7456.1485	-55.36	-25.00	30.36	Horizontal
16398.9466	-42.83	-25.00	17.83	Horizontal
17999.5000	-43.16	-25.00	18.16	Horizontal

7.2. Test Mode =LTE/TM1 (Up Ant)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.9389	-67.89	-25.00	42.89	Vertical
117.4499	-65.14	-25.00	40.14	Vertical
787.1229	-62.81	-25.00	37.81	Vertical
2703.5407	-37.21	-25.00	12.21	Vertical
7913.6638	-55.02	-25.00	30.02	Vertical
17999.0000	-38.32	-25.00	13.32	Vertical
44.5507	-63.44	-25.00	38.44	Horizontal
245.7388	-68.13	-25.00	43.13	Horizontal
825.4883	-54.80	-25.00	29.80	Horizontal
2701.1402	-36.03	-25.00	11.03	Horizontal
7371.6457	-55.38	-25.00	30.38	Horizontal
16396.9466	-42.84	-25.00	17.84	Horizontal

7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
80.3455	-67.98	-25.00	42.98	Vertical
110.1745	-64.77	-25.00	39.77	Vertical
754.5777	-61.90	-25.00	36.90	Vertical



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2694.7389	-37.28	-25.00	12.28	Vertical
8029.1676	-54.83	-25.00	29.83	Vertical
17999.0000	-38.98	-25.00	13.98	Vertical
41.6891	-64.15	-25.00	39.15	Horizontal
236.3293	-68.41	-25.00	43.41	Horizontal
825.3913	-54.49	-25.00	29.49	Horizontal
2700.3401	-35.78	-25.00	10.78	Horizontal
7460.6487	-55.40	-25.00	30.40	Horizontal
16386.9462	-42.85	-25.00	17.85	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
72.1486	-69.48	-25.00	44.48	Vertical
104.2572	-64.74	-25.00	39.74	Vertical
871.9051	-60.67	-25.00	35.67	Vertical
2999.1998	-37.82	-25.00	12.82	Vertical
7460.6487	-54.91	-25.00	29.91	Vertical
17995.9999	-39.13	-25.00	14.13	Vertical
39.5065	-64.24	-25.00	39.24	Horizontal
237.3479	-68.46	-25.00	43.46	Horizontal
765.8788	-62.18	-25.00	37.18	Horizontal
2984.3969	-38.05	-25.00	13.05	Horizontal
10013.7338	-52.07	-25.00	27.07	Horizontal
16396.4465	-42.55	-25.00	17.55	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.



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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	-2.10	-0.000838	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-2.60	-0.001038	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-5.10	-0.002035	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-5.20	-0.002005	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-7.40	-0.002854	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-6.30	-0.002430	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	-12.50	-0.004664	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-12.60	-0.004701	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-14.20	-0.005299	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	-3.80	-0.001516	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-1.40	-0.000559	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	-4.40	-0.001756	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-13.50	-0.005206	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	-10.20	-0.003934	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-8.40	-0.003239	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	-2.20	-0.000821	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	1.40	0.000522	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	-6.90	-0.002575	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-3.60	-0.001437	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-1.20	-0.000479	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-14.80	-0.005906	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-1.70	-0.000656	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-11.90	-0.004589	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-3.20	-0.001234	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	-8.50	-0.003172	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-13.70	-0.005112	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-3.80	-0.001418	±2.5	PASS

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	-9.30	-0.003711	±2.5	PASS



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Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-9.10	-0.003631	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-7.50	-0.002993	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-2.20	-0.000878	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-0.70	-0.000279	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-8.50	-0.003392	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-13.80	-0.005507	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-12.50	-0.004988	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-0.50	-0.000193	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-7.20	-0.002777	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-4.30	-0.001658	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-7.90	-0.003047	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-7.70	-0.002970	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-7.60	-0.002931	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-5.20	-0.002005	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-10.40	-0.004011	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-0.50	-0.000187	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-5.00	-0.001866	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	-13.00	-0.004851	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-4.20	-0.001567	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-8.50	-0.003172	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-8.70	-0.003246	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-8.70	-0.003246	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-1.50	-0.000560	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	1.50	0.000599	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	-10.60	-0.004230	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-9.40	-0.003751	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	-0.40	-0.000160	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	-7.80	-0.003113	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	-8.20	-0.003272	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	-10.30	-0.004110	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	-7.30	-0.002815	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	-1.20	-0.000463	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-3.90	-0.001504	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	-7.80	-0.003008	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	-4.20	-0.001620	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	-0.20	-0.000077	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	-2.20	-0.000848	±2.5	PASS



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Band41	20MHz	64QAM	40620	100RB#0	NV	50	-0.30	-0.000116	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	-0.30	-0.000112	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	-6.80	-0.002537	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	-12.20	-0.004552	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-6.60	-0.002463	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	-6.70	-0.002500	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	-8.20	-0.003060	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-6.50	-0.002425	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	-14.80	-0.005522	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-2.20	-0.000878	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-8.80	-0.003512	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	-9.30	-0.003711	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-11.90	-0.004749	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-2.80	-0.001117	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-13.30	-0.005307	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-8.60	-0.003432	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-2.60	-0.001038	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-1.30	-0.000501	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-12.60	-0.004859	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-14.10	-0.005438	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-10.10	-0.003895	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-3.60	-0.001388	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-14.60	-0.005631	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-8.20	-0.003162	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	-2.90	-0.001118	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	-9.90	-0.003694	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-1.10	-0.000410	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-7.10	-0.002649	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-8.70	-0.003246	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-4.90	-0.001828	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-1.40	-0.000522	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-4.20	-0.001567	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-12.60	-0.004701	±2.5	PASS



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