



Appendix B

E-UTRA Band 41



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT5:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.23	23.33	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.27	23.37	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.17	23.27	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.22	22.32	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.23	22.33	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.31	22.41	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.27	22.37	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.47	23.57	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.39	23.49	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.34	23.44	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.27	22.37	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.32	22.42	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.37	22.47	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.34	22.44	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.36	23.46	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.35	23.45	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.33	23.43	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.38	22.48	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.33	22.43	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.22	22.32	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.37	22.47	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.22	22.32	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.21	22.31	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.31	22.41	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.14	21.24	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.23	21.33	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.29	21.39	33.00	PASS



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Band41	5MHz	16QAM	39675	25RB#0	21.24	21.34	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.26	22.36	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.46	22.56	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.43	22.53	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.25	21.35	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.33	21.43	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.40	21.50	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.29	21.39	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.24	22.34	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.22	22.32	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.33	22.43	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.18	21.28	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.33	21.43	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.32	21.42	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.40	21.50	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.12	21.22	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.18	21.28	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.09	21.19	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.10	20.20	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.19	20.29	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.23	20.33	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.22	20.32	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.44	21.54	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.32	21.42	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.25	21.35	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.22	20.32	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.21	20.31	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.25	20.35	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.33	20.43	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.33	21.43	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.26	21.36	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.25	21.35	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.30	20.40	33.00	PASS



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Band41	5MHz	64QAM	41565	12RB#6	20.24	20.34	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.21	20.31	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.26	20.36	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.27	23.37	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.31	23.41	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.29	23.39	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.27	22.37	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.28	22.38	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.23	22.33	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.32	22.42	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.40	23.50	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.41	23.51	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.31	23.41	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.32	22.42	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.30	22.40	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.31	22.41	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.45	22.55	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.38	23.48	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.35	23.45	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.27	23.37	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.38	22.48	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.24	22.34	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.35	22.45	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.32	22.42	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.36	22.46	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.29	22.39	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.24	22.34	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.13	21.23	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.14	21.24	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.23	21.33	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.35	21.45	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.26	22.36	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.45	22.55	33.00	PASS



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Band41	10MHz	16QAM	40620	1RB#24	22.41	22.51	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.20	21.30	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.21	21.31	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.26	21.36	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.45	21.55	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.25	22.35	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.21	22.31	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.32	22.42	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.20	21.30	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.32	21.42	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.33	21.43	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.43	21.53	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.26	21.36	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.28	21.38	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.21	21.31	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.16	20.26	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.16	20.26	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.20	20.30	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.26	20.36	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.36	21.46	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.40	21.50	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.25	21.35	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.31	20.41	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.27	20.37	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.22	20.32	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.34	20.44	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.28	21.38	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.29	21.39	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.21	21.31	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	20.34	20.44	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	20.17	20.27	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	20.29	20.39	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.27	20.37	33.00	PASS



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Band41	15MHz	QPSK	39725	1RB#74	23.31	23.41	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.30	23.40	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.22	23.32	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	22.29	22.39	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	22.24	22.34	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	22.25	22.35	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.27	22.37	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.43	23.53	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.45	23.55	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.35	23.45	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	22.30	22.40	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	22.37	22.47	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	22.36	22.46	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.39	22.49	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.34	23.44	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.40	23.50	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.35	23.45	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	22.30	22.40	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	22.30	22.40	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	22.29	22.39	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.34	22.44	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.28	22.38	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.28	22.38	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.24	22.34	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	21.11	21.21	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	21.19	21.29	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	21.26	21.36	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.28	21.38	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.32	22.42	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.46	22.56	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.35	22.45	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	21.27	21.37	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.29	21.39	33.00	PASS



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Band41	15MHz	16QAM	40620	36RB#18	21.33	21.43	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.37	21.47	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.29	22.39	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.28	22.38	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.25	22.35	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.23	21.33	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.27	21.37	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.31	21.41	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.36	21.46	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.29	21.39	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.25	21.35	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.16	21.26	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	20.25	20.35	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	20.22	20.32	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	20.21	20.31	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.15	20.25	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.37	21.47	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.33	21.43	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.28	21.38	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	20.24	20.34	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	20.34	20.44	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	20.24	20.34	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.36	20.46	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.22	21.32	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.33	21.43	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.25	21.35	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	20.23	20.33	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	20.24	20.34	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	20.24	20.34	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.33	20.43	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.30	23.40	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.30	23.40	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.22	23.32	33.00	PASS



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Band41	20MHz	QPSK	39750	50RB#25	22.16	22.26	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	22.30	22.40	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.33	22.43	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.25	22.35	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.28	23.38	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.46	23.56	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.33	23.43	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.35	22.45	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.38	22.48	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.38	22.48	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.35	22.45	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.29	23.39	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.31	23.41	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.23	23.33	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.39	22.49	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.38	22.48	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.32	22.42	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.38	22.48	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.24	22.34	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.26	22.36	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.17	22.27	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.11	21.21	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.30	21.40	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.34	21.44	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.25	21.35	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.32	22.42	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.46	22.56	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.31	22.41	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.32	21.42	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.39	21.49	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.39	21.49	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.35	21.45	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.35	22.45	33.00	PASS



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Band41	20MHz	16QAM	41490	1RB#0	22.41	22.51	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.27	22.37	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.40	21.50	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.42	21.52	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	21.34	21.44	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.37	21.47	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.24	21.34	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.26	21.36	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.19	21.29	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.15	20.25	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.24	20.34	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.23	20.33	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.15	20.25	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.23	21.33	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.45	21.55	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.29	21.39	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	20.30	20.40	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.32	20.42	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.26	20.36	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.28	20.38	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.17	21.27	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.19	21.29	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.13	21.23	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.35	20.45	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.36	20.46	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	20.29	20.39	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.27	20.37	33.00	PASS



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ANT8:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.66	21.83	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.78	21.95	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	23.67	21.84	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.67	20.84	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.80	20.97	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.77	20.94	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.78	20.95	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.72	21.89	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.87	22.04	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.70	21.87	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.71	20.88	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.83	21.00	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.81	20.98	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.78	20.95	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	23.73	21.90	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.77	21.94	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.57	21.74	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	22.73	20.90	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	22.81	20.98	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	22.56	20.73	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	22.73	20.90	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.72	20.89	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.76	20.93	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.63	20.80	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.60	19.77	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.80	19.97	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.79	19.96	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.79	19.96	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.80	20.97	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.85	21.02	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.73	20.90	33.00	PASS



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Band41	5MHz	16QAM	40620	12RB#13	21.69	19.86	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.82	19.99	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.87	20.04	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.75	19.92	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.71	20.88	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	22.76	20.93	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	22.63	20.80	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.73	19.90	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.69	19.86	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.60	19.77	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.66	19.83	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.56	19.73	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.71	19.88	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.55	19.72	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.60	18.77	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.68	18.85	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.71	18.88	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.66	18.83	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.62	19.79	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.81	19.98	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.68	19.85	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.68	18.85	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.78	18.95	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.75	18.92	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.73	18.90	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.62	19.79	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.73	19.90	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.54	19.71	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.72	18.89	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.78	18.95	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.47	18.64	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.70	18.87	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.63	21.80	33.00	PASS



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Band41	10MHz	QPSK	39700	1RB#24	23.76	21.93	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.69	21.86	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.66	20.83	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.78	20.95	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	22.79	20.96	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.82	20.99	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.74	21.91	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.91	22.08	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.71	21.88	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.76	20.93	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.87	21.04	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.82	20.99	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.76	20.93	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	23.74	21.91	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.75	21.92	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	23.62	21.79	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	22.78	20.95	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	22.78	20.95	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	22.63	20.80	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	22.73	20.90	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.71	20.88	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.73	20.90	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.63	20.80	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.63	19.80	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.75	19.92	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.76	19.93	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.74	19.91	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.77	20.94	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.84	21.01	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.71	20.88	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.69	19.86	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.86	20.03	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.84	20.01	33.00	PASS



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Band41	10MHz	16QAM	40620	50RB#0	21.79	19.96	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.70	20.87	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	22.74	20.91	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	22.57	20.74	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.73	19.90	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.68	19.85	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.63	19.80	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.69	19.86	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.59	19.76	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.69	19.86	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.66	19.83	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.54	18.71	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.70	18.87	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.69	18.86	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.81	18.98	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.73	19.90	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.86	20.03	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.69	19.86	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.64	18.81	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.78	18.95	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.81	18.98	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.72	18.89	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.62	19.79	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.68	19.85	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.50	19.67	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	20.72	18.89	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	20.70	18.87	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	20.52	18.69	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.70	18.87	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.69	21.86	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.73	21.90	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.68	21.85	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	22.68	20.85	33.00	PASS



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Band41	15MHz	QPSK	39725	36RB#18	22.80	20.97	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	22.78	20.95	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.80	20.97	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.74	21.91	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.90	22.07	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.71	21.88	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	22.73	20.90	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	22.86	21.03	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	22.82	20.99	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.82	20.99	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.79	21.96	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	23.76	21.93	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.60	21.77	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	22.75	20.92	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	22.81	20.98	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	22.58	20.75	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	22.69	20.86	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	22.75	20.92	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.74	20.91	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.67	20.84	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	21.59	19.76	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	21.80	19.97	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	21.80	19.97	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.74	19.91	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.81	20.98	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.85	21.02	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.74	20.91	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	21.72	19.89	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.83	20.00	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	21.85	20.02	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.81	19.98	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.70	20.87	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.79	20.96	33.00	PASS



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Band41	15MHz	16QAM	41515	1RB#74	22.61	20.78	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.72	19.89	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.69	19.86	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.58	19.75	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.64	19.81	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.63	19.80	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.61	19.78	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.58	19.75	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	20.58	18.75	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	20.78	18.95	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	20.70	18.87	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.70	18.87	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.65	19.82	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.83	20.00	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.59	19.76	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	20.72	18.89	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	20.82	18.99	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	20.78	18.95	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.78	18.95	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.76	19.93	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.72	19.89	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.53	19.70	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	20.66	18.83	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	20.69	18.86	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	20.50	18.67	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.65	18.82	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.70	21.87	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	23.81	21.98	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	23.73	21.90	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	22.71	20.88	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	22.81	20.98	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	22.84	21.01	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	22.84	21.01	33.00	PASS



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Band41	20MHz	QPSK	40620	1RB#99	23.78	21.95	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.94	22.11	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.78	21.95	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.88	21.05	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.88	21.05	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	22.88	21.05	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.83	21.00	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	23.80	21.97	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.81	21.98	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.65	21.82	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	22.79	20.96	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	22.82	20.99	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	22.64	20.81	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	22.76	20.93	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.76	20.93	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.77	20.94	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.70	20.87	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.67	19.84	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.82	19.99	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.82	19.99	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.82	19.99	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.83	21.00	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.88	21.05	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.77	20.94	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.75	19.92	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.87	20.04	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.90	20.07	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.83	20.00	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.77	20.94	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.81	20.98	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.65	20.82	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.78	19.95	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.75	19.92	33.00	PASS



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Band41	20MHz	16QAM	41490	50RB#25	21.65	19.82	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.70	19.87	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.68	19.85	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.72	19.89	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.69	19.86	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.70	18.87	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.80	18.97	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.83	19.00	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.80	18.97	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.72	19.89	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.90	20.07	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.71	19.88	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	20.87	19.04	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.79	18.96	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.86	19.03	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.73	18.90	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.77	19.94	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.73	19.90	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.53	19.70	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.74	18.91	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.76	18.93	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	20.52	18.69	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.69	18.86	33.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator.



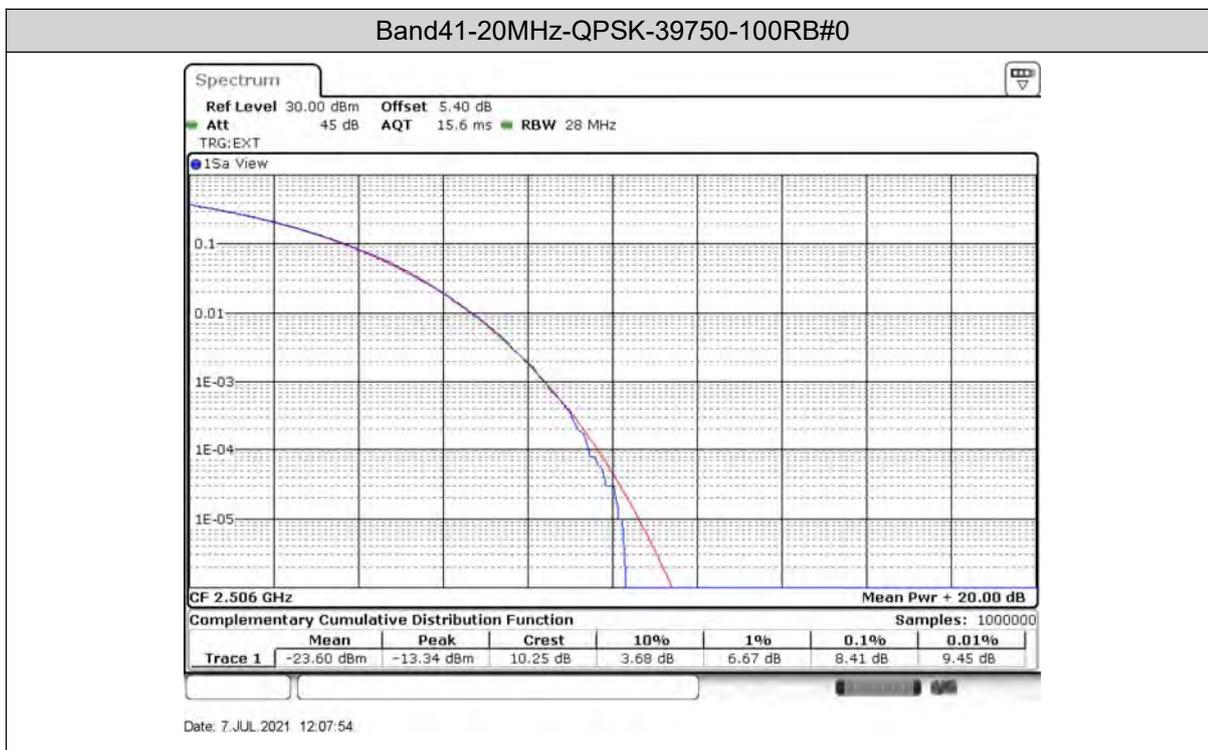
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2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.41	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.59	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	7.28	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.12	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.35	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.29	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	8.58	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	8.35	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	8.41	13	PASS

2.2. Test Plots

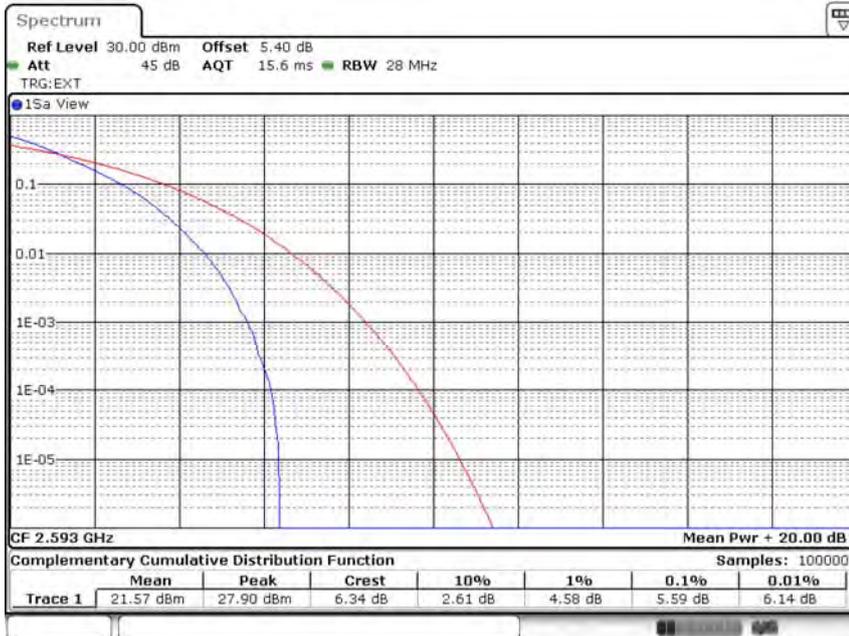


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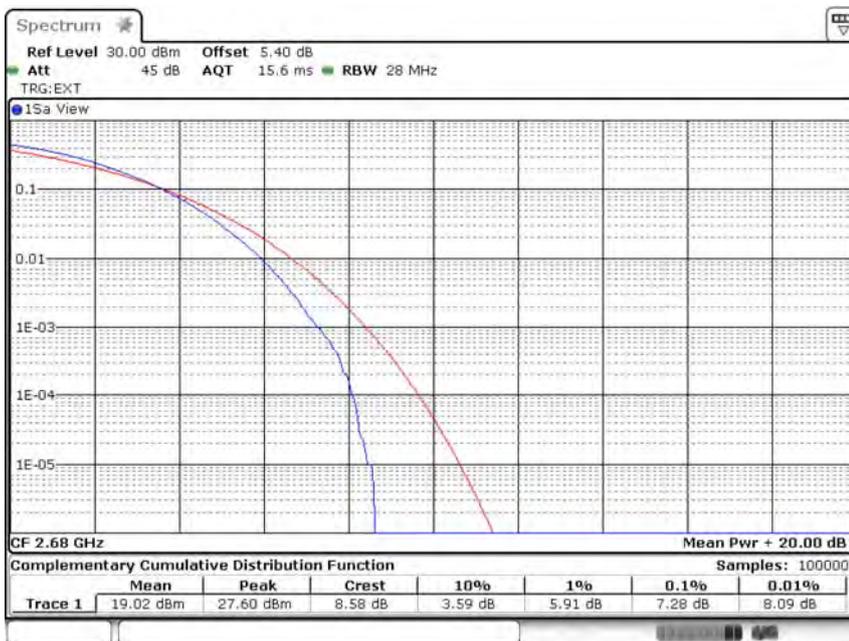
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Band41-20MHz-QPSK-40620-100RB#0



Date: 25.MAY.2021 10:33:22

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

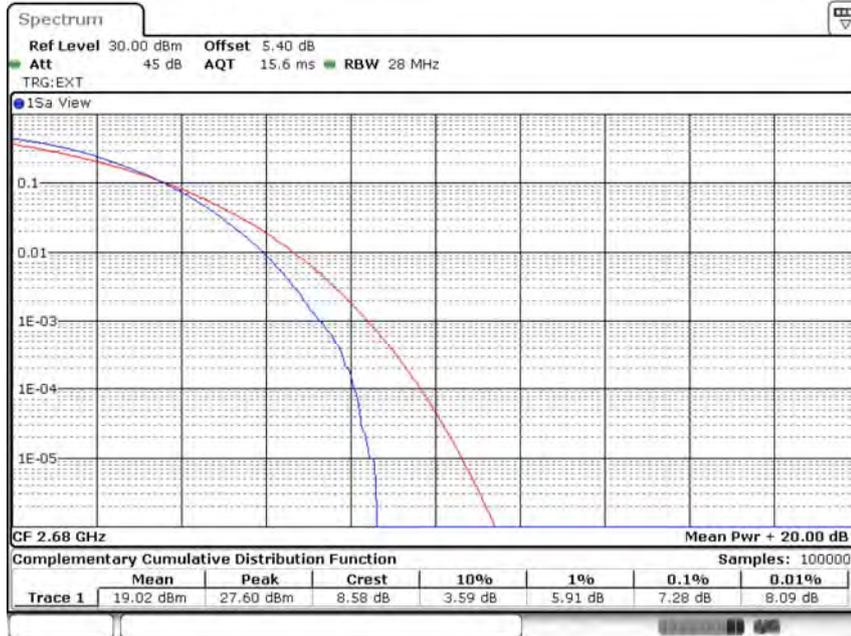


Date: 28.MAY.2021 08:43:40



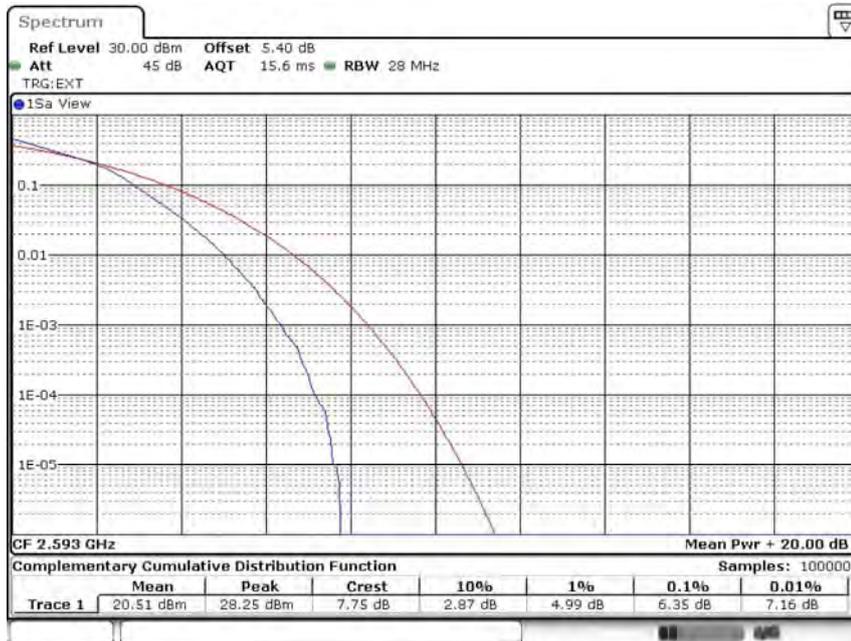
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Band41-20MHz-16QAM-39750-100RB#0



Date: 28.MAY.2021 08:43:40

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



Date: 21.JUL.2021 21:46:40

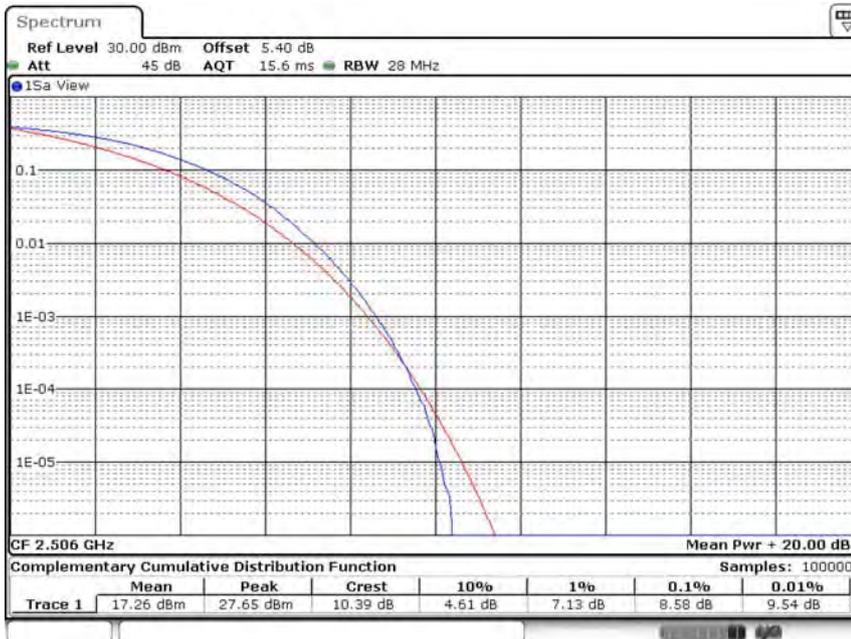


Band41-20MHz-16QAM-41490-100RB#0



Date: 21 JUL 2021 21:48:19

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



Date: 21 JUL 2021 22:06:16

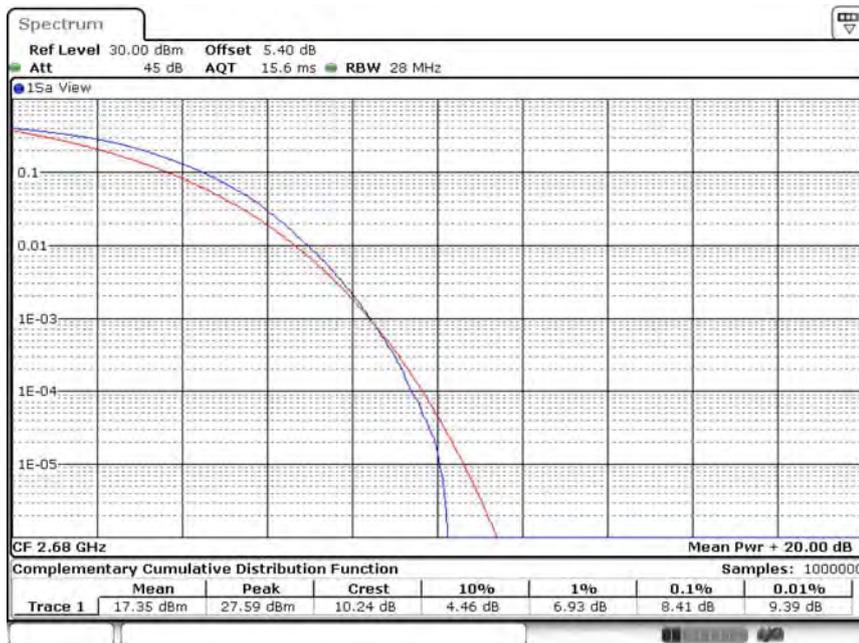


Band41-20MHz-64QAM-40620-100RB#0



Date: 21.JUL.2021 22:06:33

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



Date: 21.JUL.2021 22:06:49



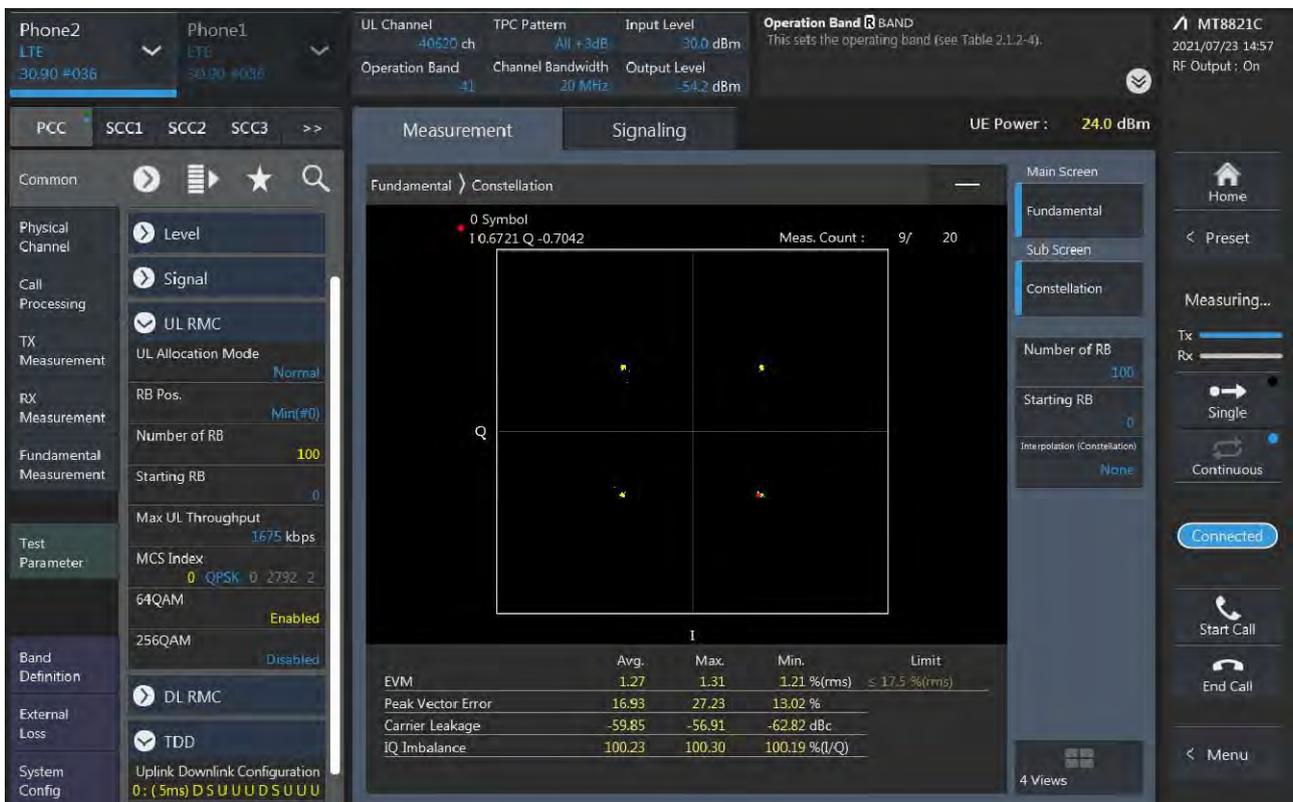
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Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH

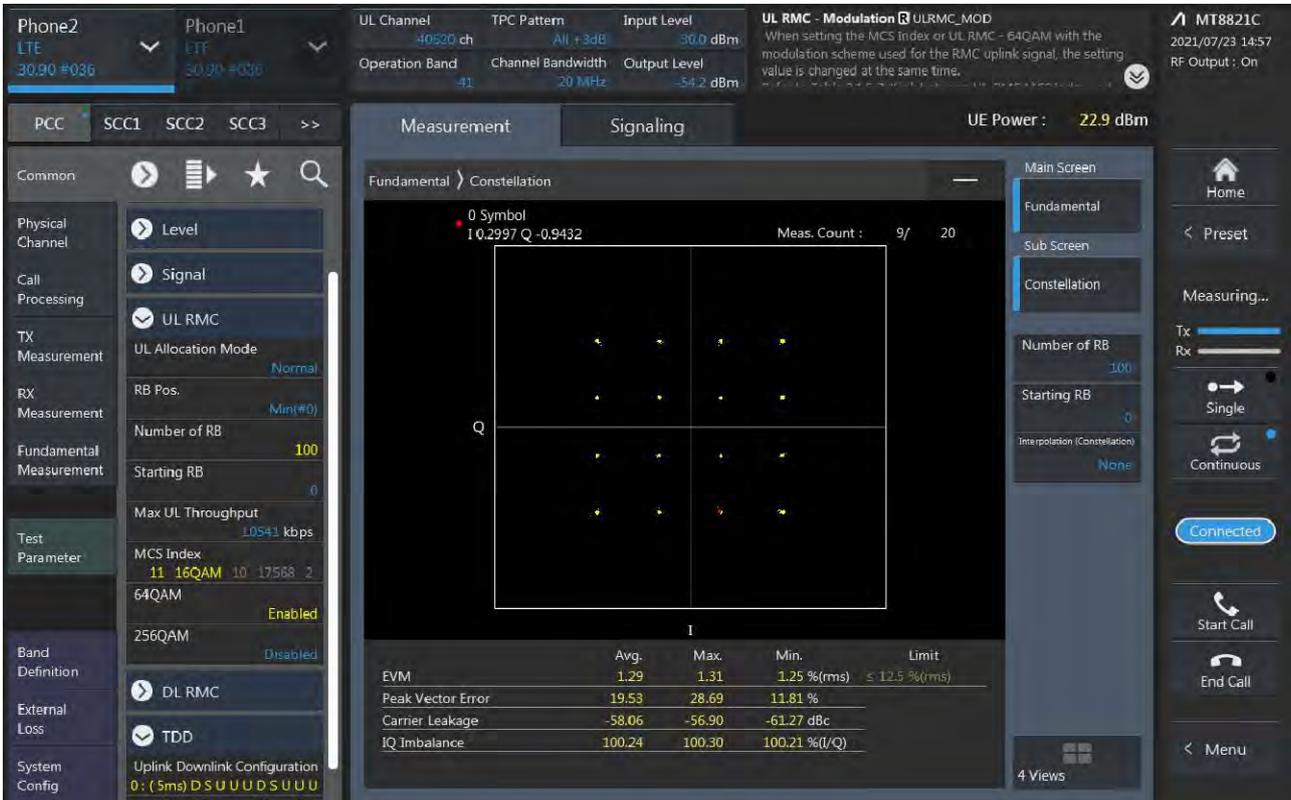


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3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



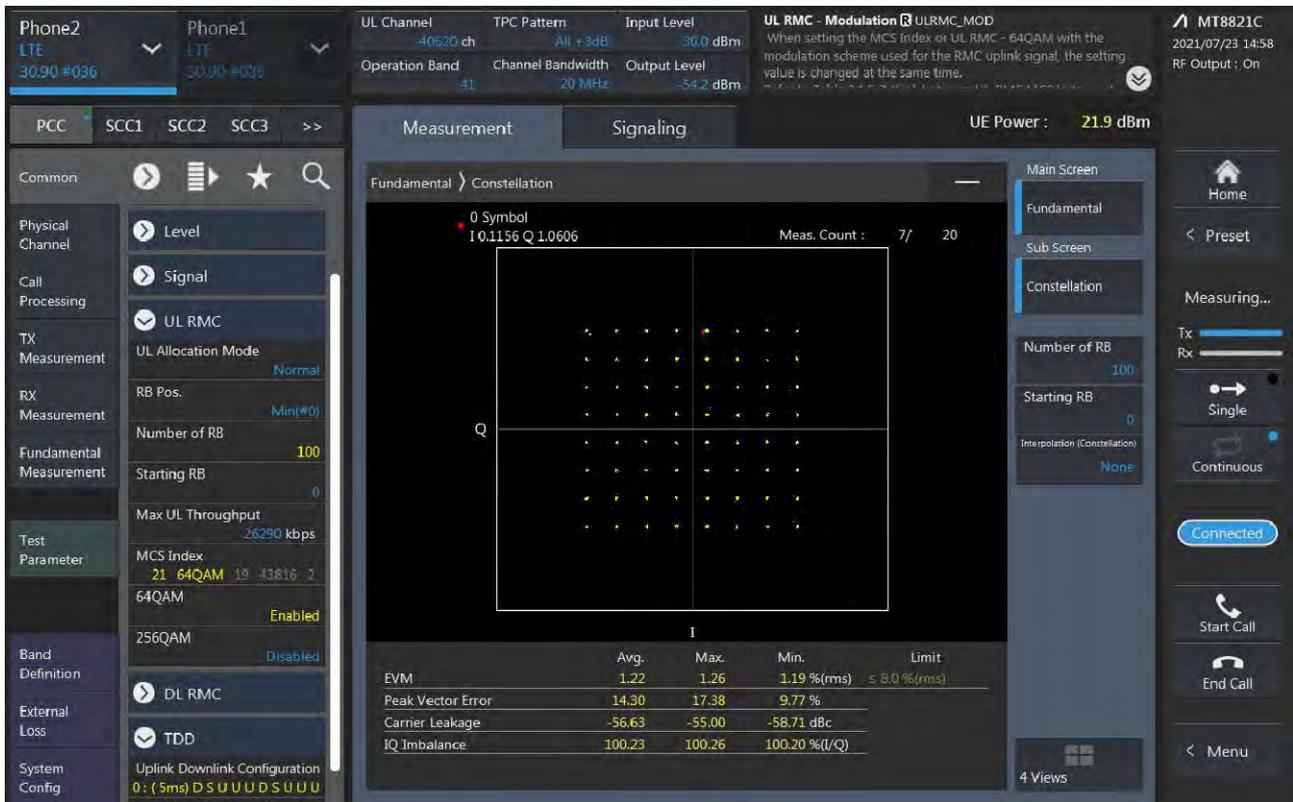
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3.3. Test Mode = LTE /TM3 20MHz

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	4.476	4.900	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.476	4.850	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.860	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.466	4.870	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.466	4.830	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.466	4.860	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.466	4.840	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.466	4.840	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.466	4.840	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.931	9.700	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.931	10.000	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.951	9.940	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.931	9.700	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.931	9.740	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.911	9.840	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.951	9.680	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.931	9.920	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.931	9.660	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.546	15.390	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.546	15.750	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.546	16.470	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.546	16.500	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.546	18.810	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.546	21.480	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.457	15.900	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.457	16.200	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.487	16.740	PASS



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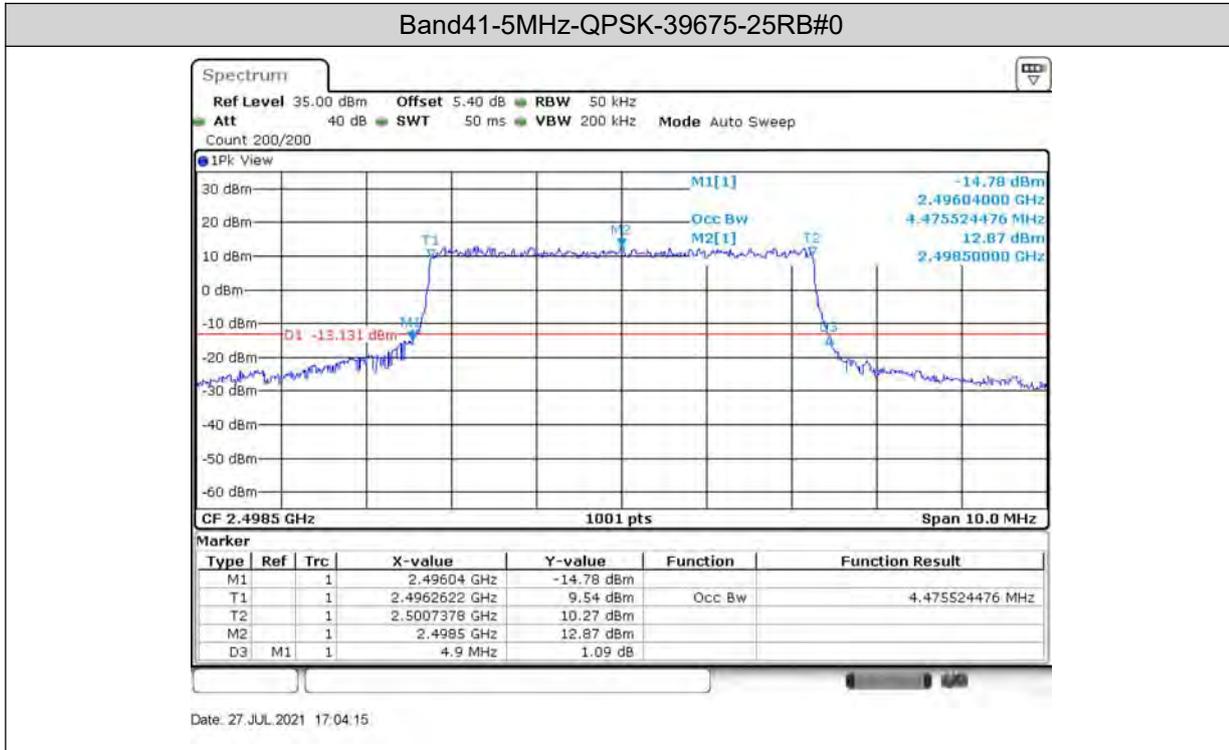
Band41	20MHz	QPSK	39750	100RB#0	17.942	20.840	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.982	23.520	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.982	21.080	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.902	19.560	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.942	19.640	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.600	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.902	19.400	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.942	20.720	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.862	19.440	PASS



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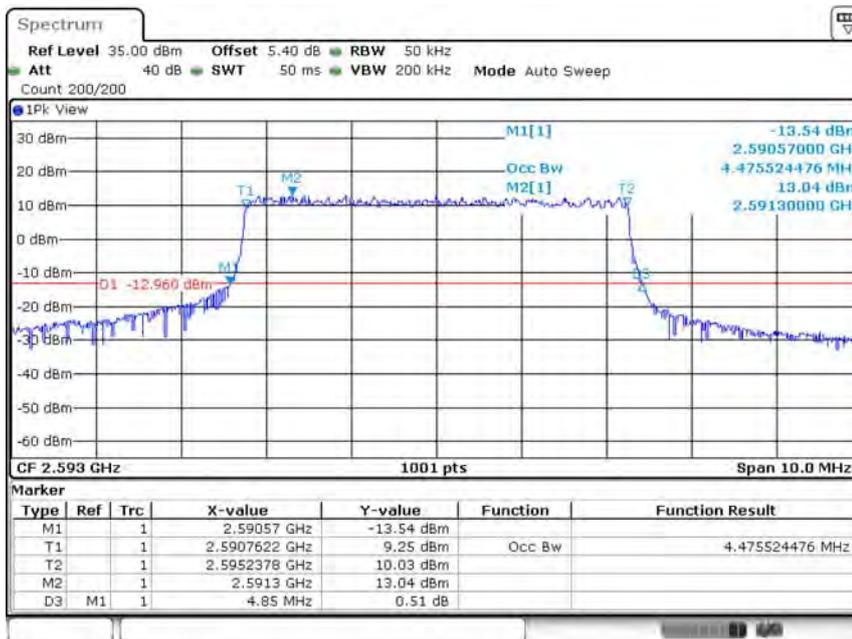
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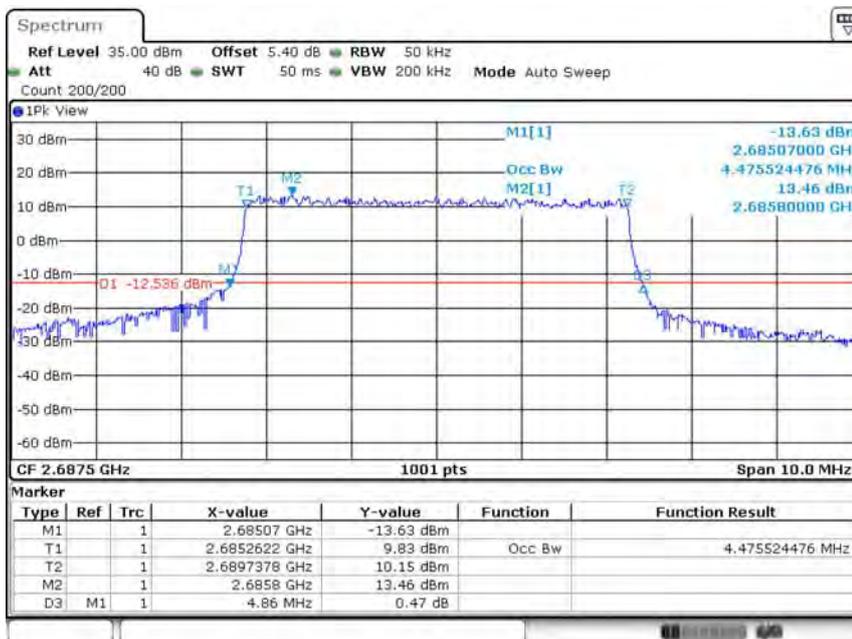
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Band41-5MHz-QPSK-40620-25RB#0



Date: 27 JUL 2021 17:05:05

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

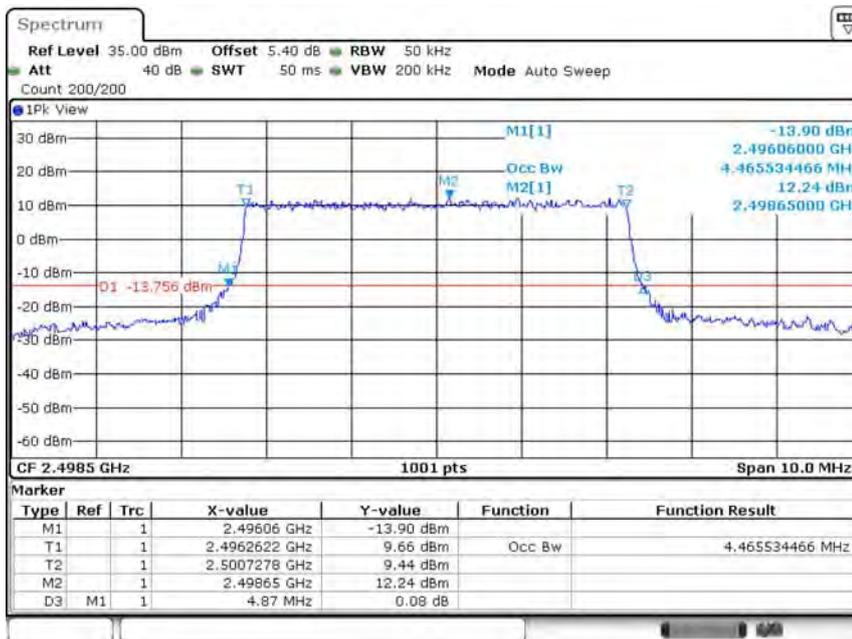


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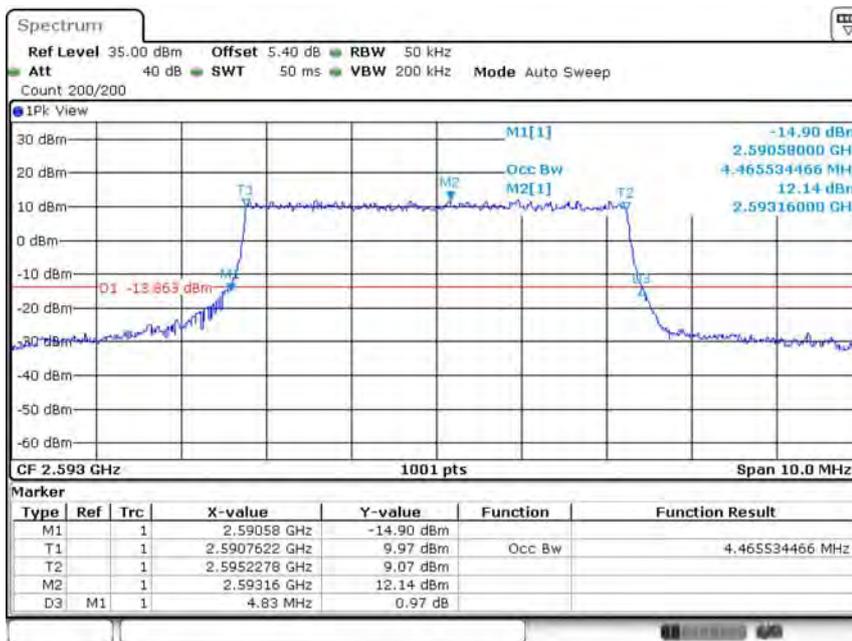
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Band41-5MHz-16QAM-39675-25RB#0



Date: 27 JUL 2021 17:04:40

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

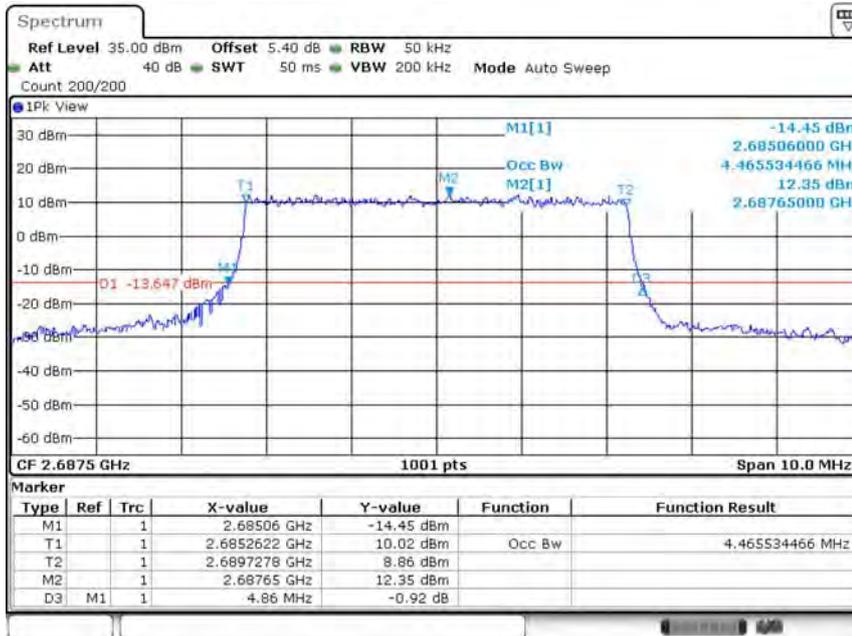


Date: 27 JUL 2021 17:05:30



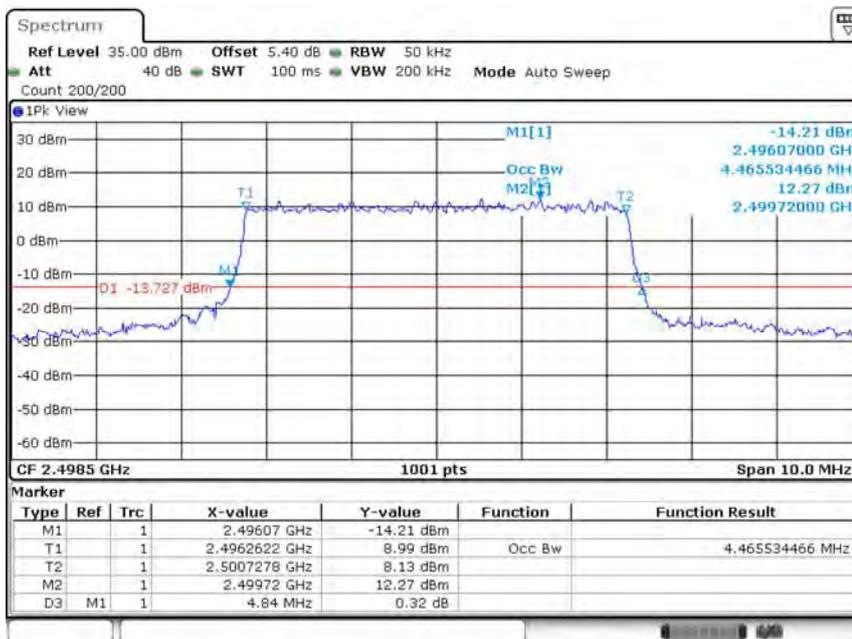
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Band41-5MHz-16QAM-41565-25RB#0



Date: 27 JUL 2021 17:06:20

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

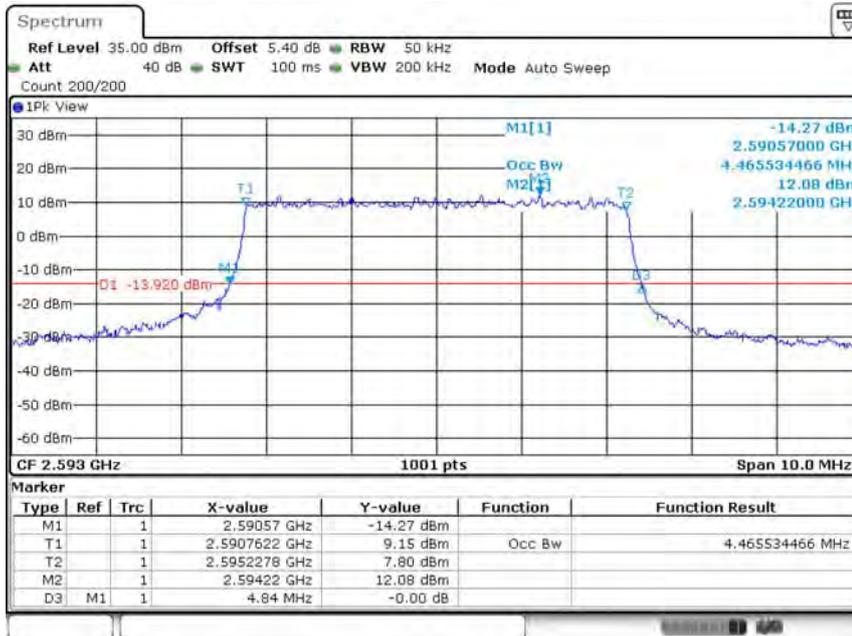


Date: 27 JUL 2021 17:35:07



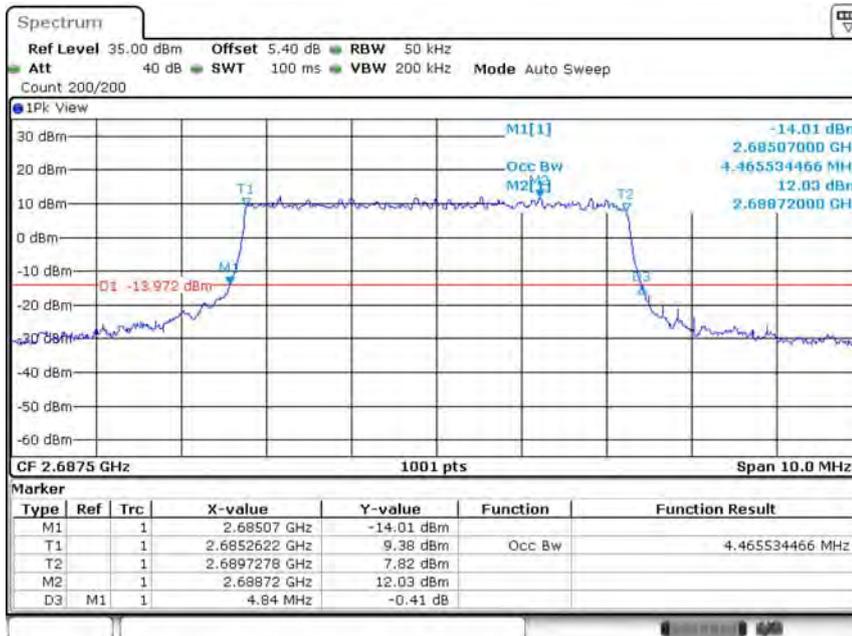
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Band41-5MHz-64QAM-40620-25RB#0



Date: 27 JUL 2021 17:35:56

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

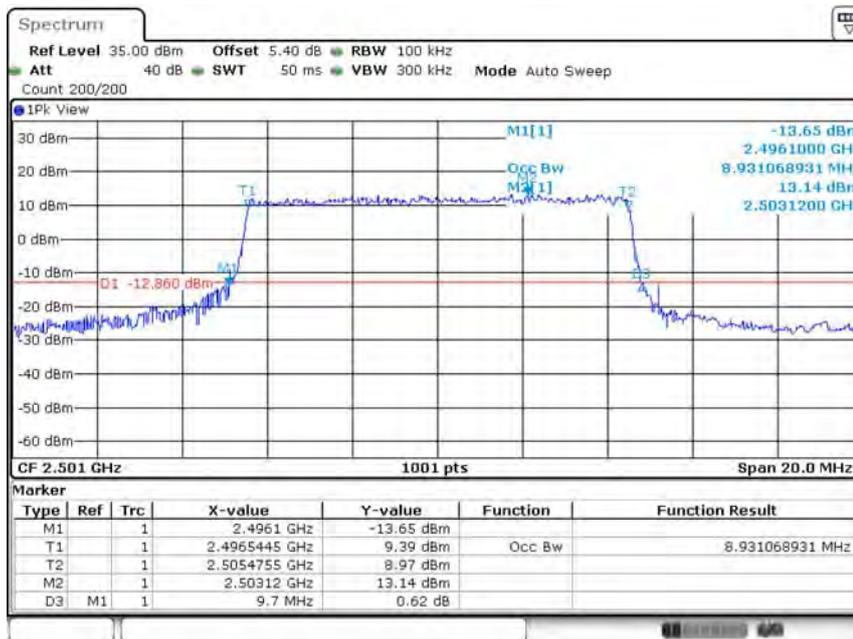


Date: 27 JUL 2021 17:36:35



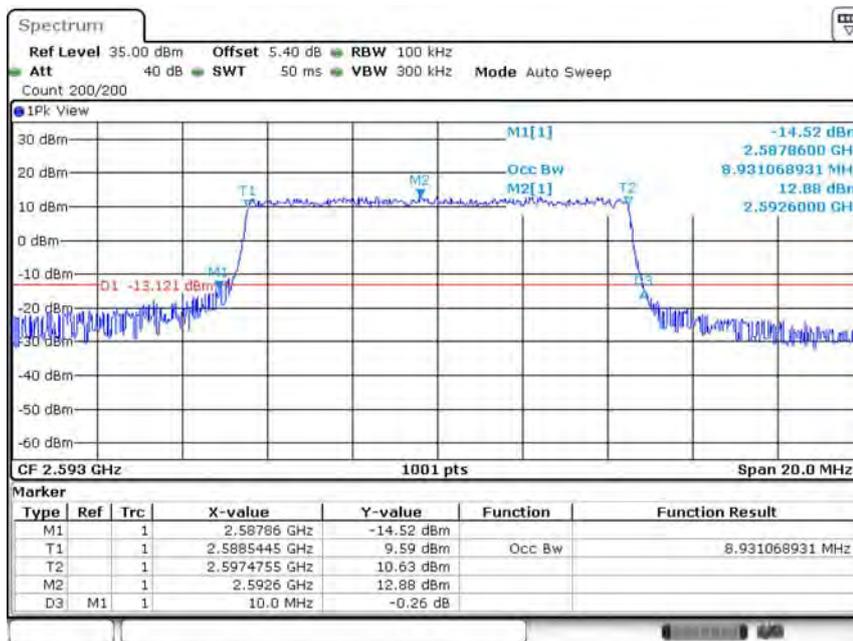
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Band41-10MHz-QPSK-39700-50RB#0



Date: 27 JUL 2021 17:07:10

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

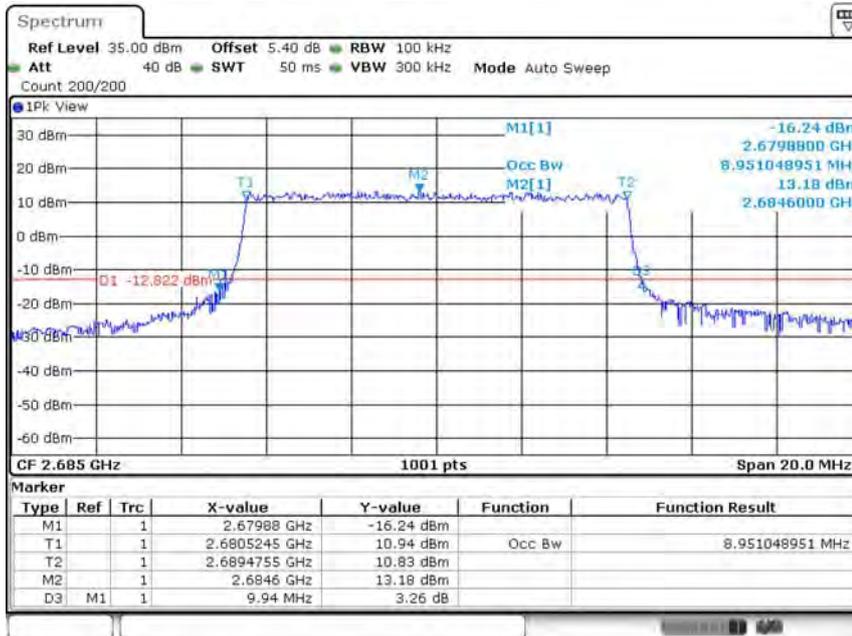


Date: 27 JUL 2021 17:08:00



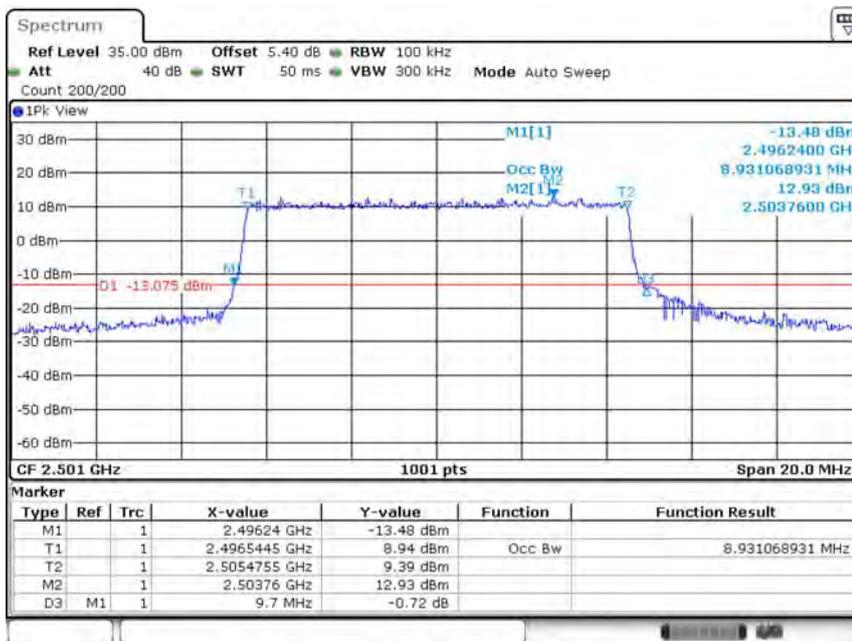
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Band41-10MHz-QPSK-41540-50RB#0



Date: 27 JUL 2021 17:08:49

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

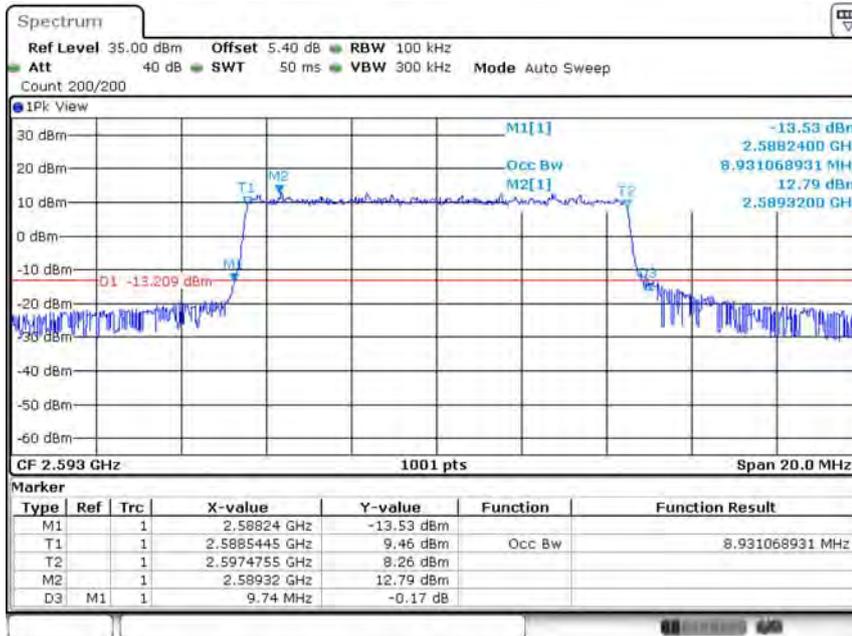


Date: 27 JUL 2021 17:07:34



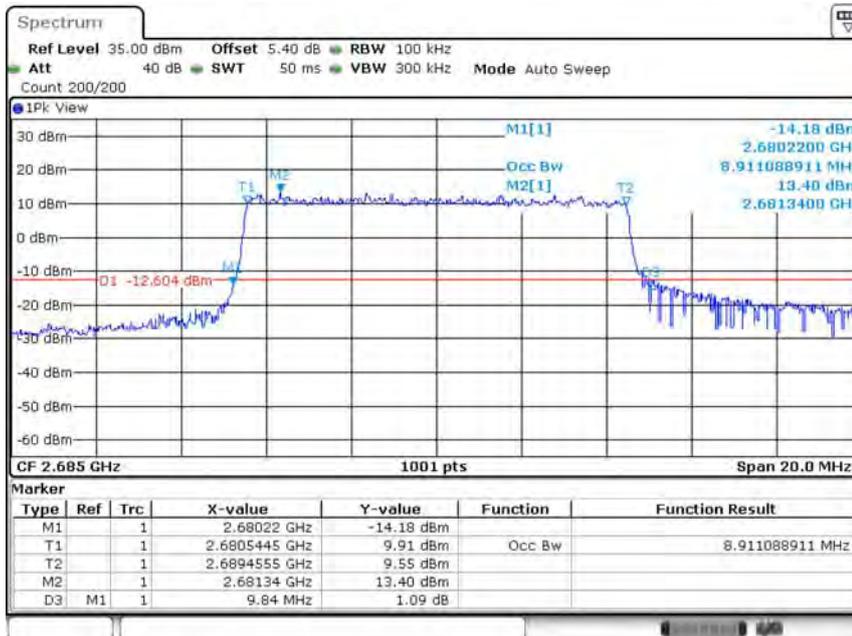
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Band41-10MHz-16QAM-40620-50RB#0



Date: 27 JUL 2021 17:08:24

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

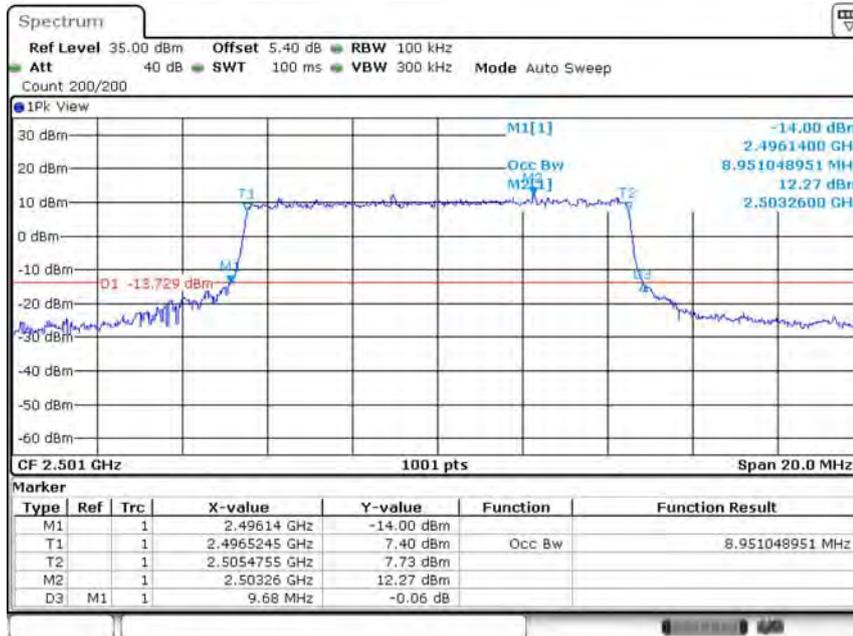


Date: 27 JUL 2021 17:09:14



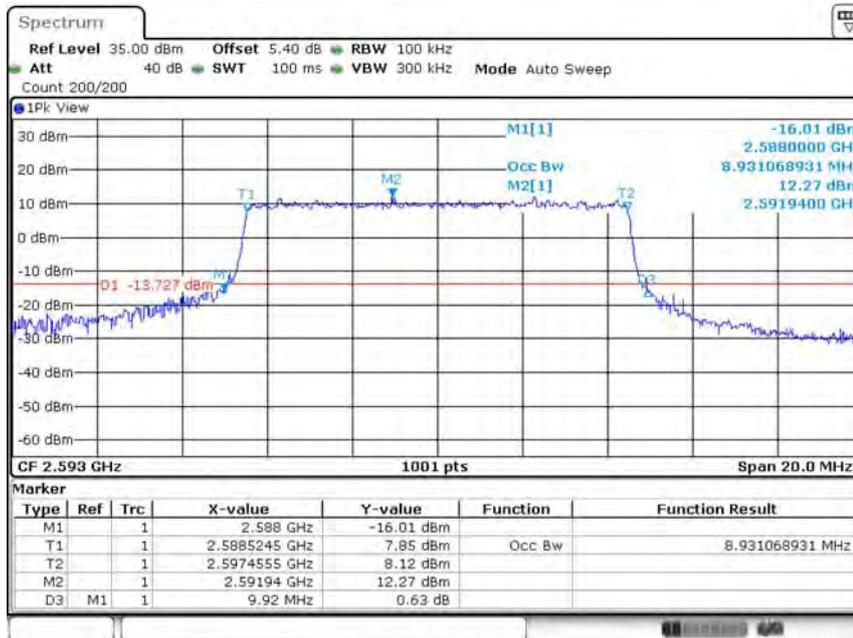
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Band41-10MHz-64QAM-39700-50RB#0



Date: 27 JUL 2021 17:37:37

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

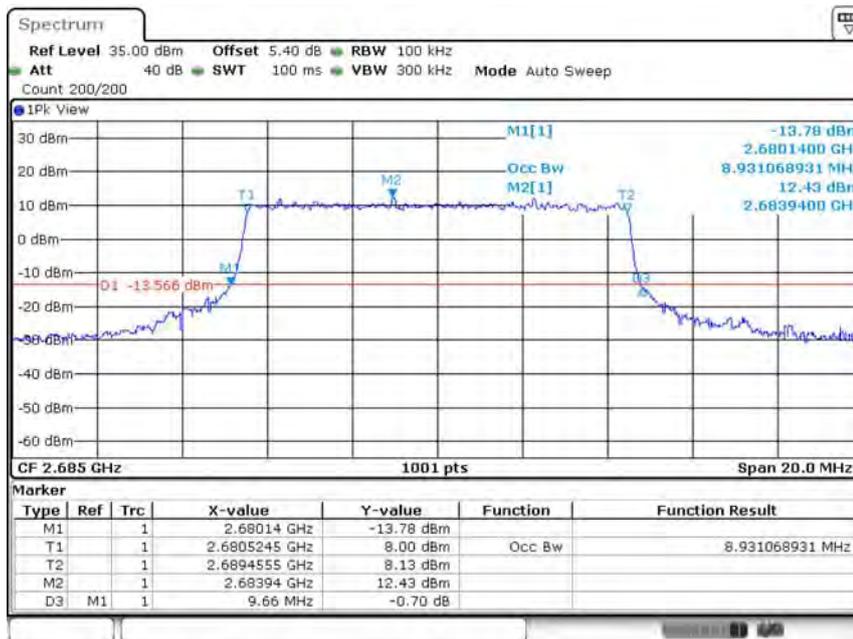


Date: 27 JUL 2021 17:38:36



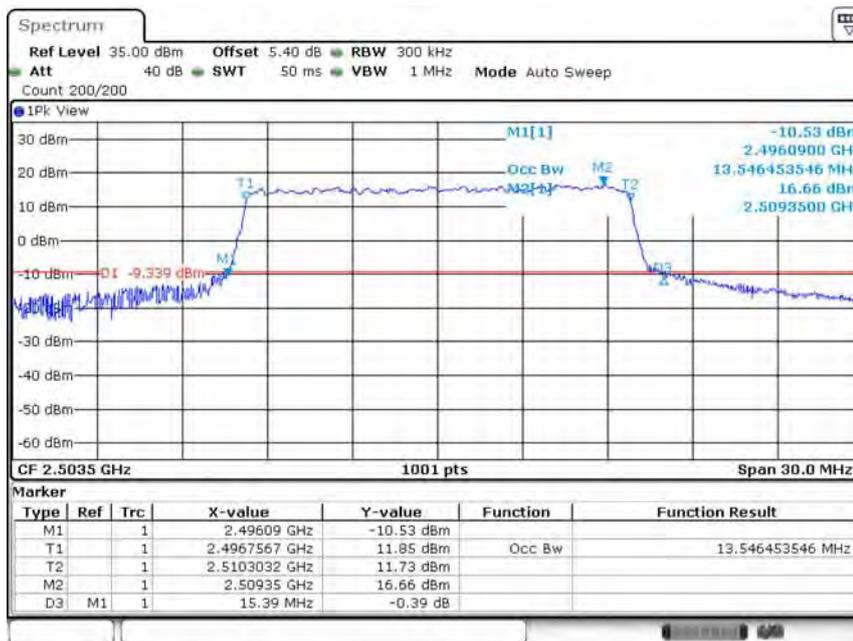
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Band41-10MHz-64QAM-41540-50RB#0



Date: 27 JUL 2021 17:39:14

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

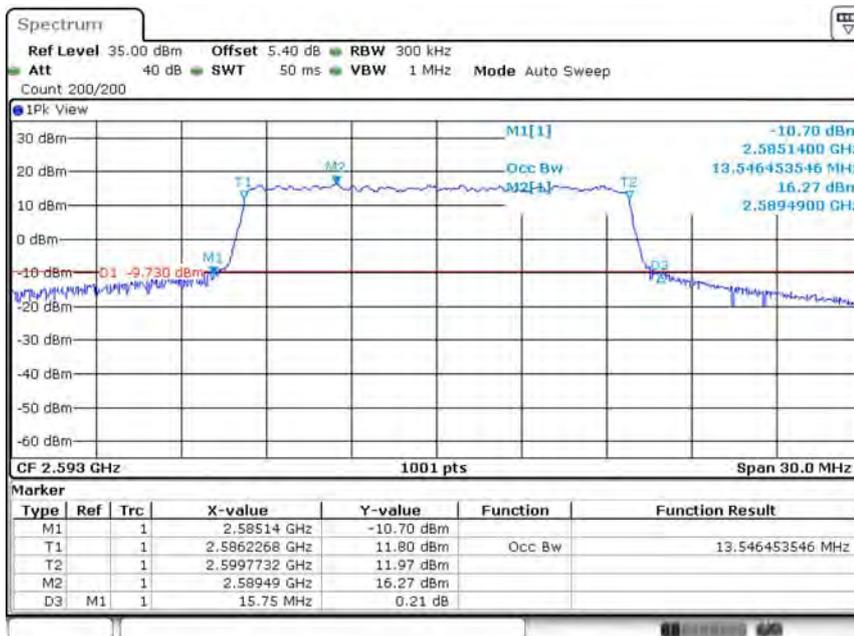


Date: 27 JUL 2021 17:16:23



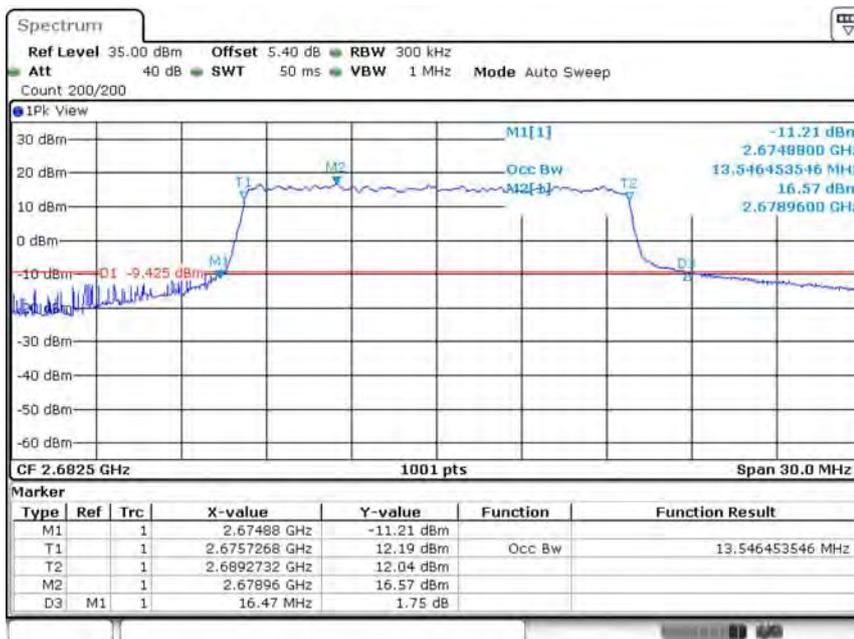
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Band41-15MHz-QPSK-40620-75RB#0



Date: 27 JUL 2021 17:19:07

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

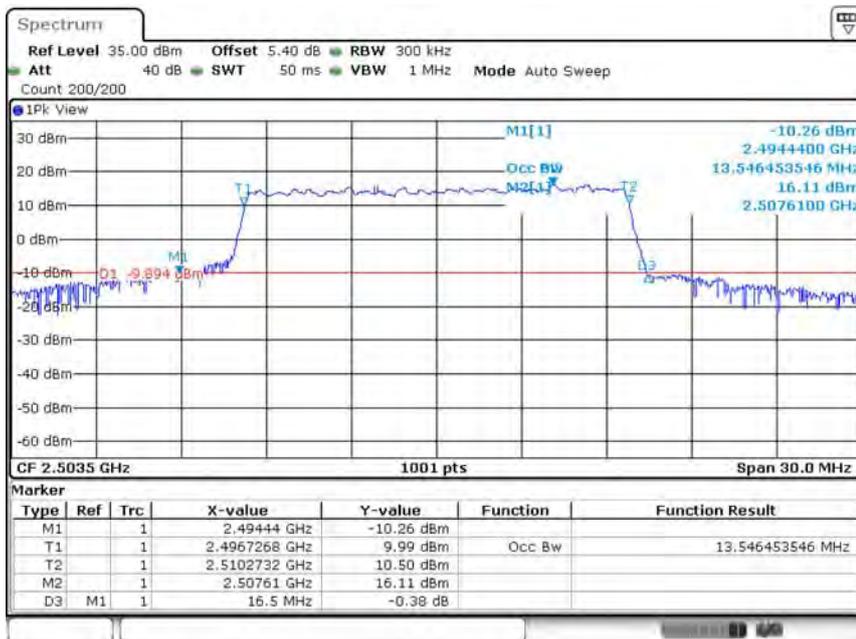


Date: 27 JUL 2021 17:22:03



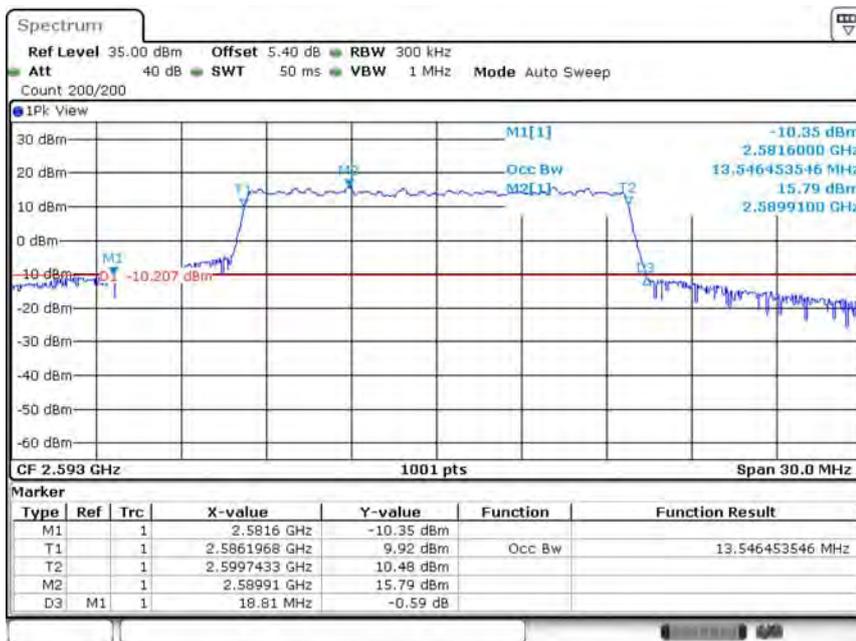
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Band41-15MHz-16QAM-39725-75RB#0



Date: 27 JUL 2021 17:17:51

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

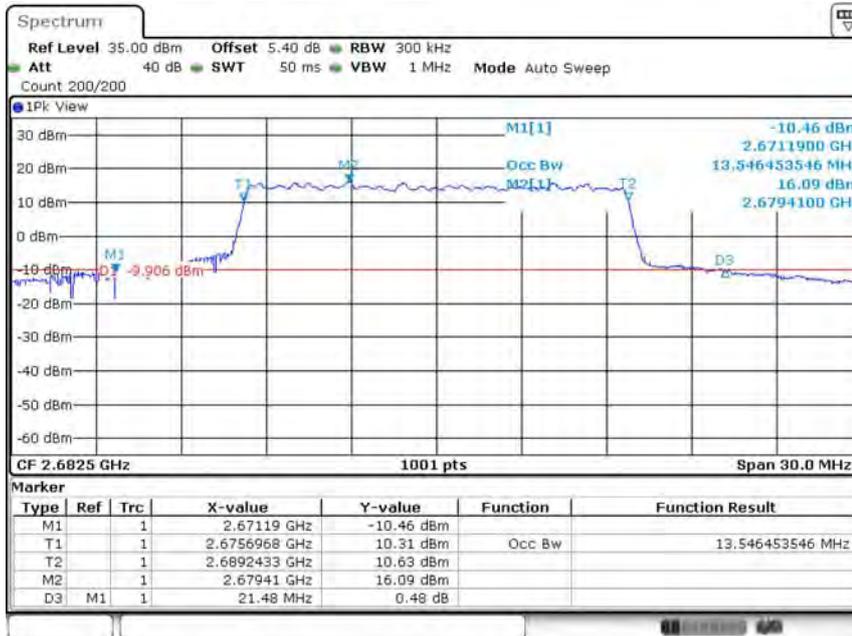


Date: 27 JUL 2021 17:20:43



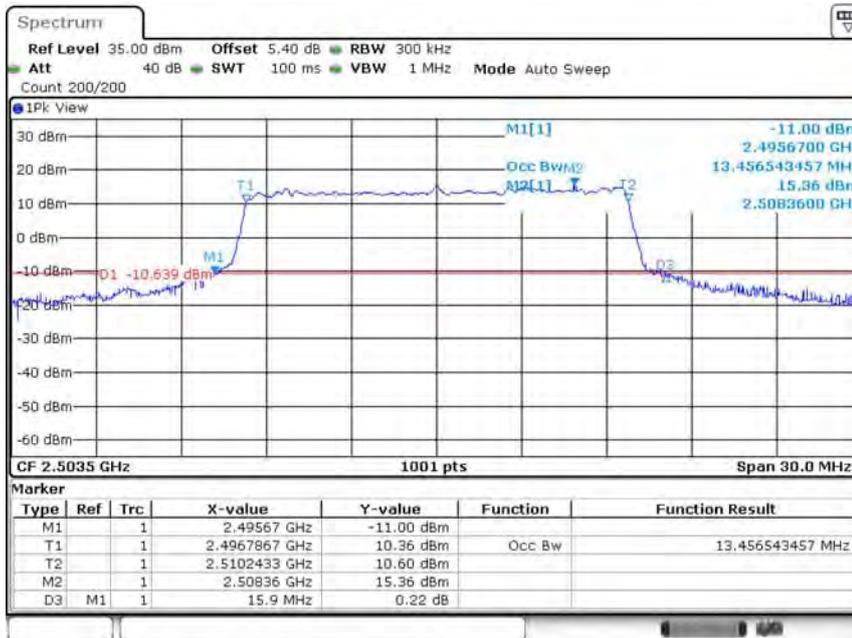
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Band41-15MHz-16QAM-41515-75RB#0



Date: 27 JUL 2021 17:25:20

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

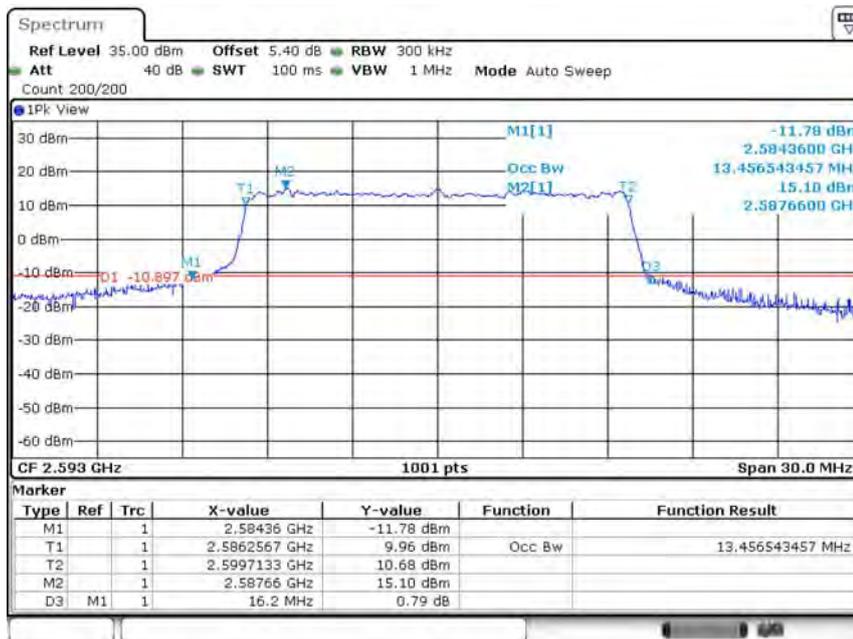


Date: 27 JUL 2021 17:41:02



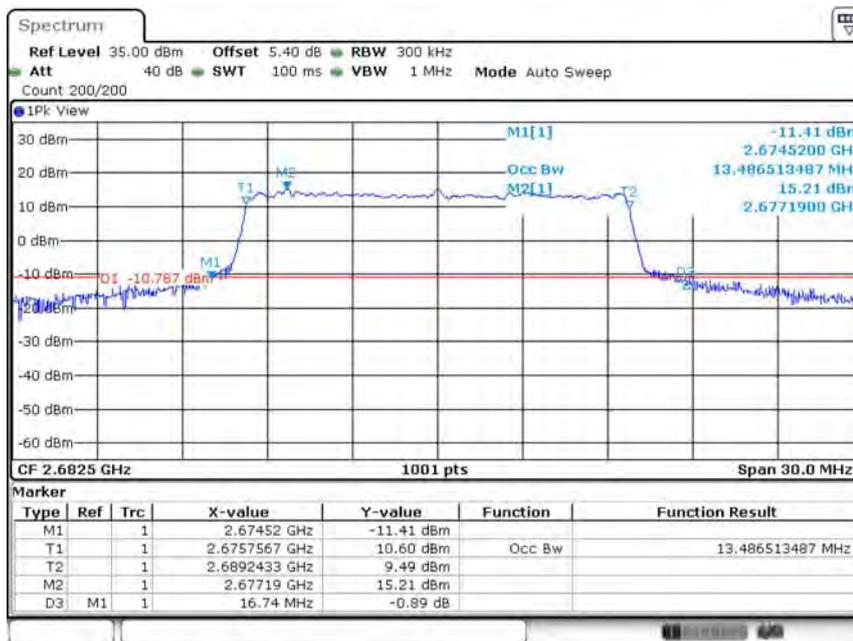
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Band41-15MHz-64QAM-40620-75RB#0



Date: 27.JUL.2021 17:42:11

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

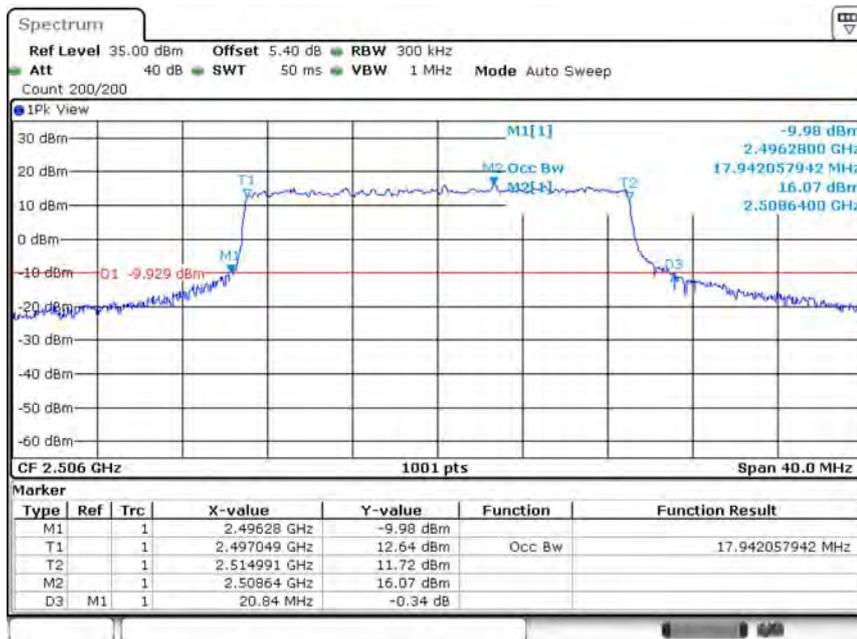


Date: 27.JUL.2021 17:43:24



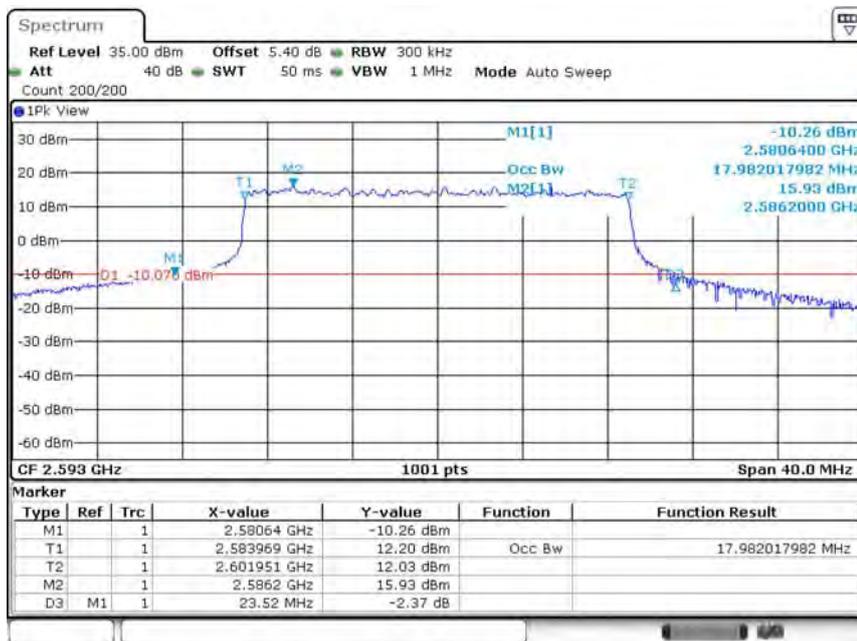
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Band41-20MHz-QPSK-39750-100RB#0



Date: 27 JUL 2021 17:27:25

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

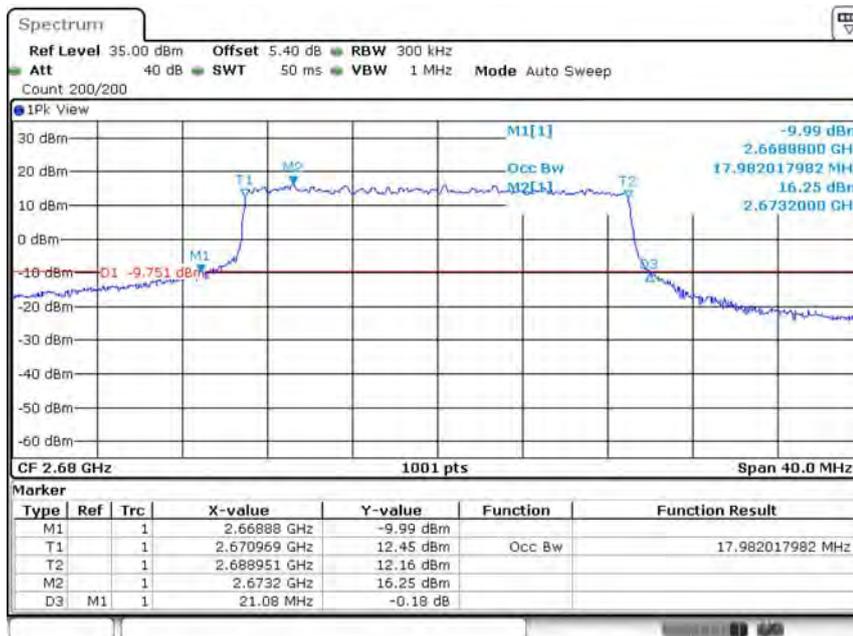


Date: 27 JUL 2021 17:29:36



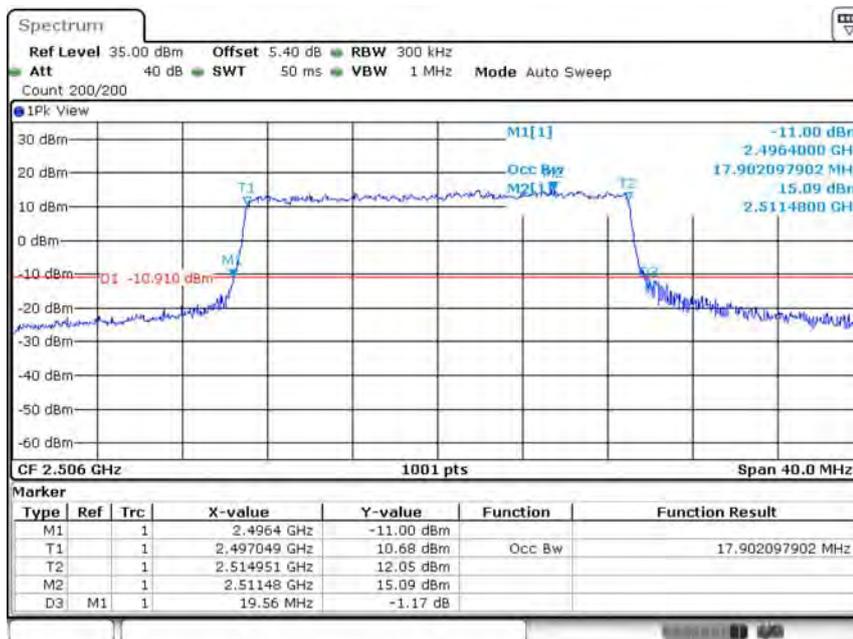
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Band41-20MHz-QPSK-41490-100RB#0



Date: 27 JUL 2021 17:33:24

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

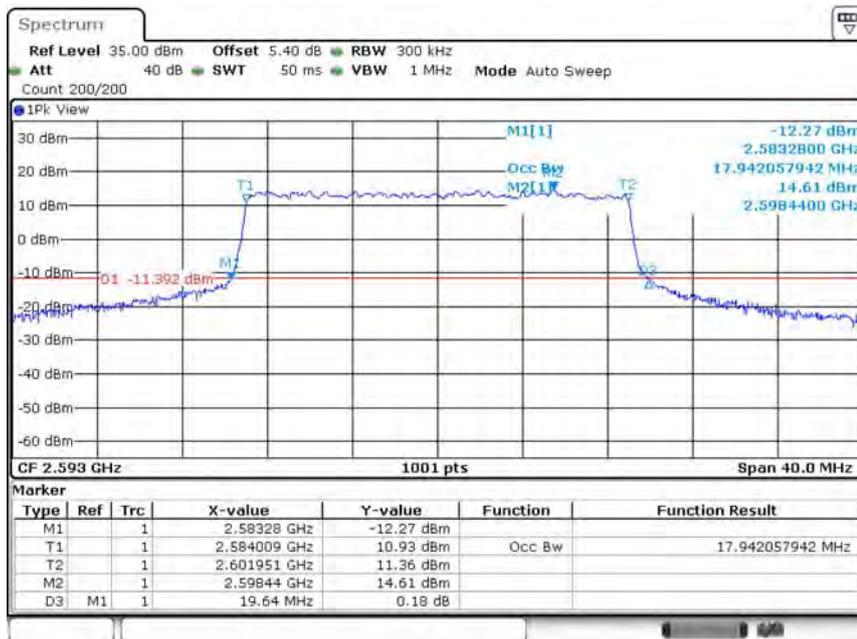


Date: 27 JUL 2021 17:27:50



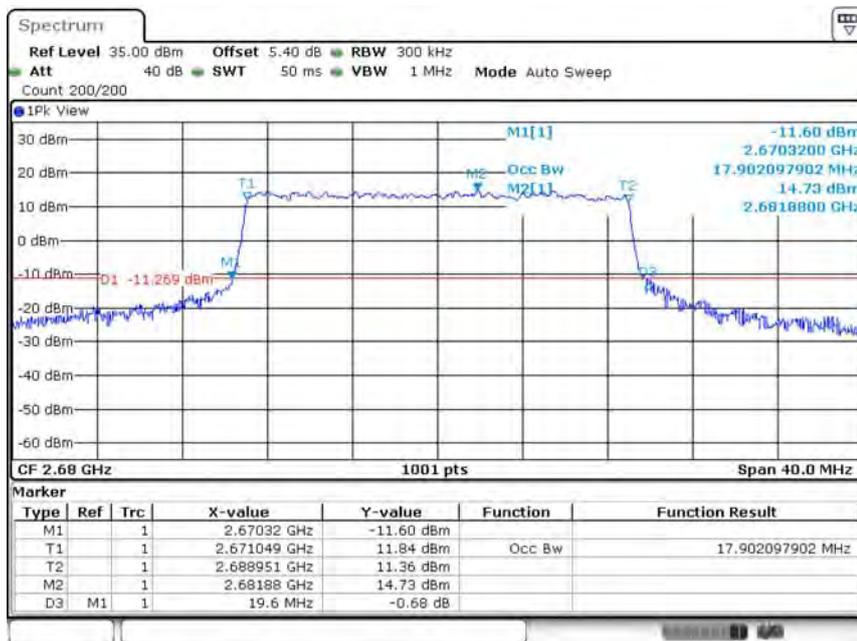
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Band41-20MHz-16QAM-40620-100RB#0



Date: 27 JUL 2021 17:31:49

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

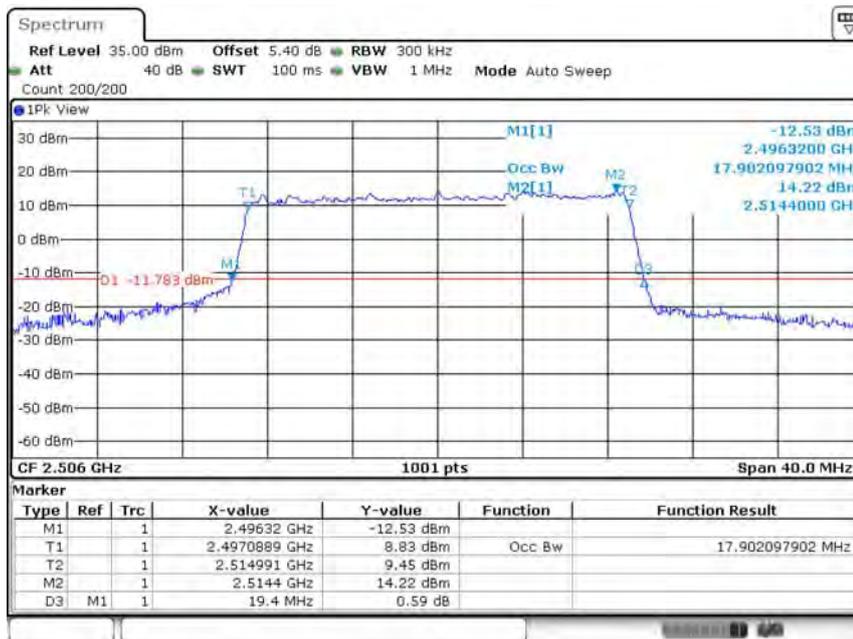


Date: 27 JUL 2021 17:34:10



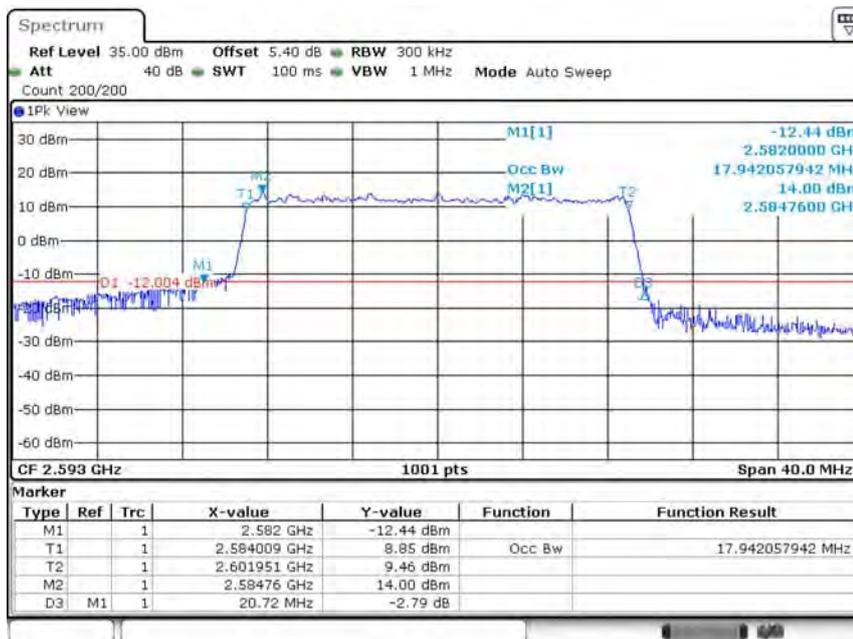
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Band41-20MHz-64QAM-39750-100RB#0



Date: 27 JUL 2021 17:44:21

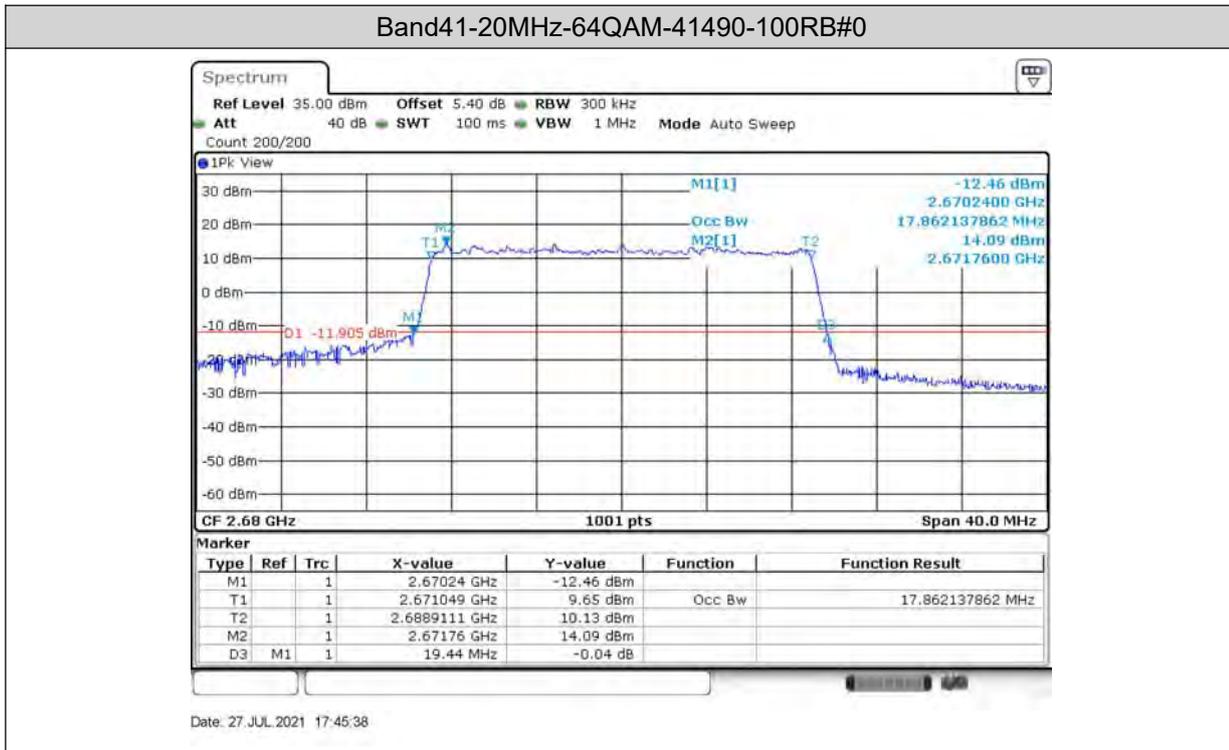
Band41-20MHz-64QAM-40620-100RB#0



Date: 27 JUL 2021 17:45:00



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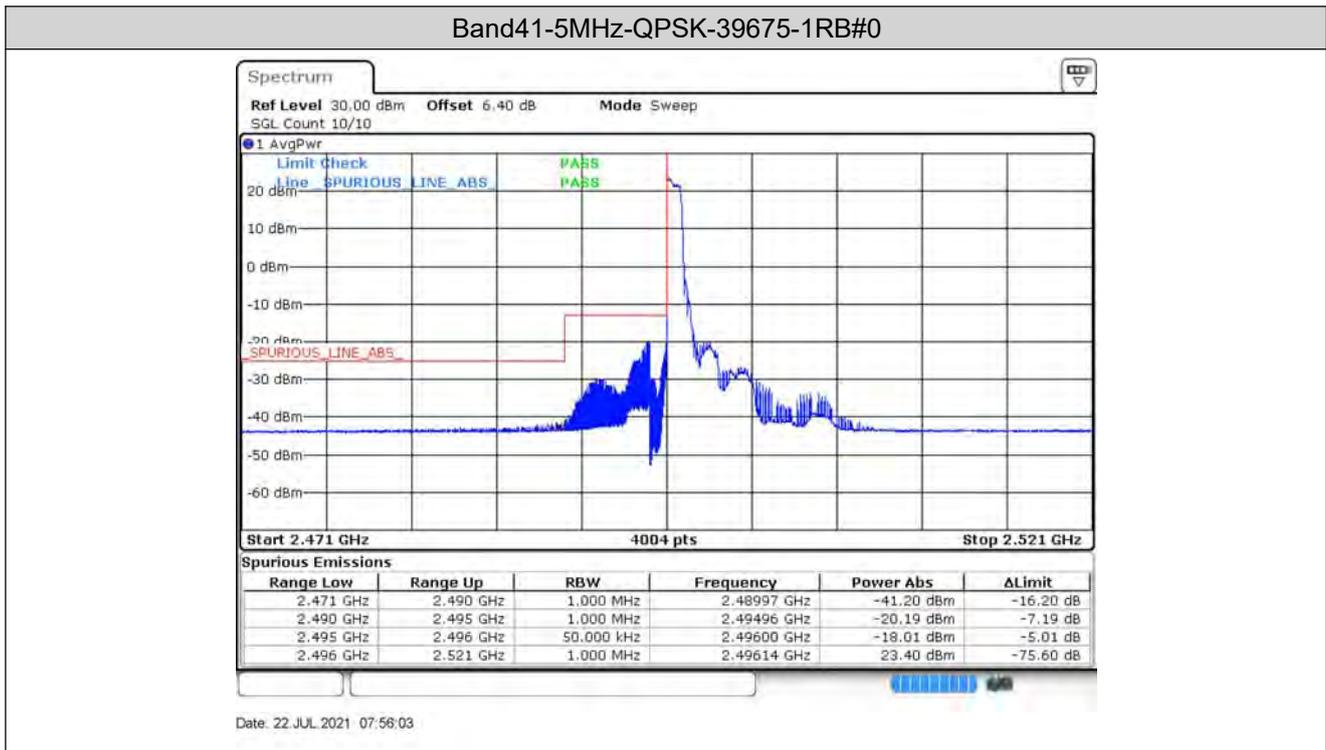


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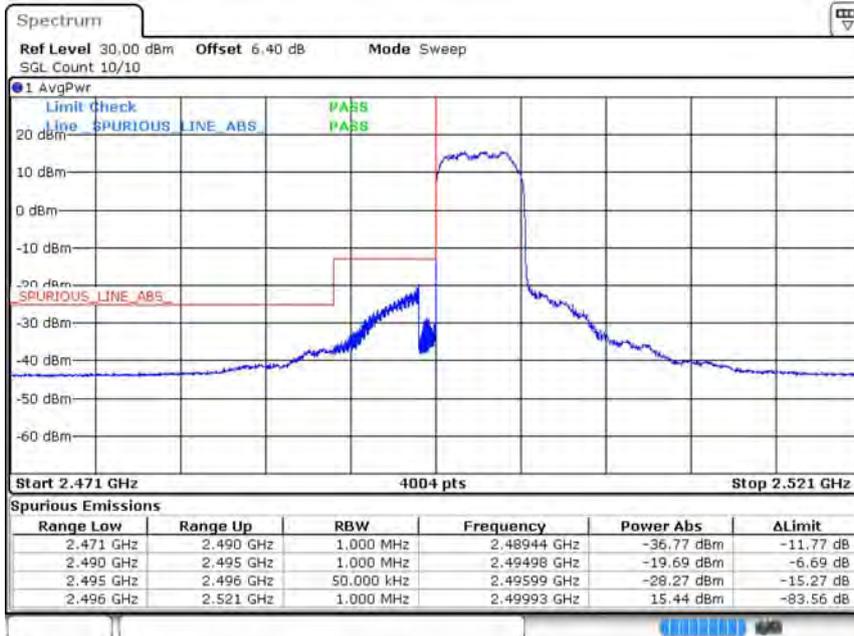
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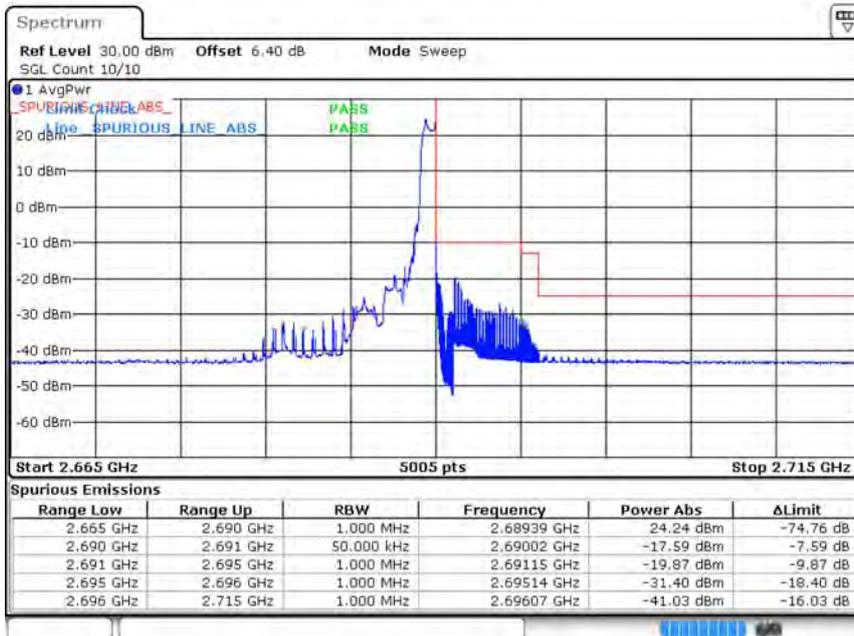
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Band41-5MHz-QPSK-39675-25RB#0



Date: 22 JUL 2021 07:56:51

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

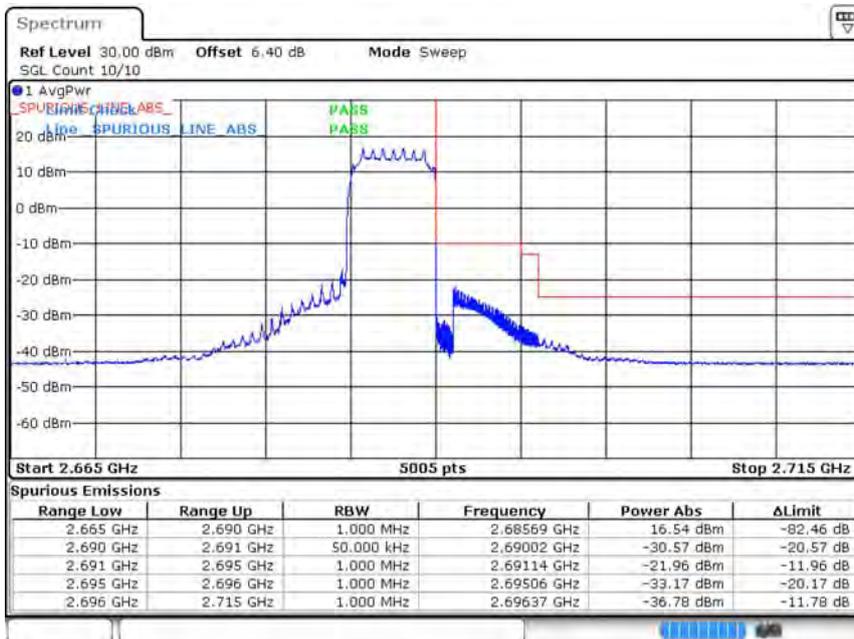


Date: 22 JUL 2021 07:58:14



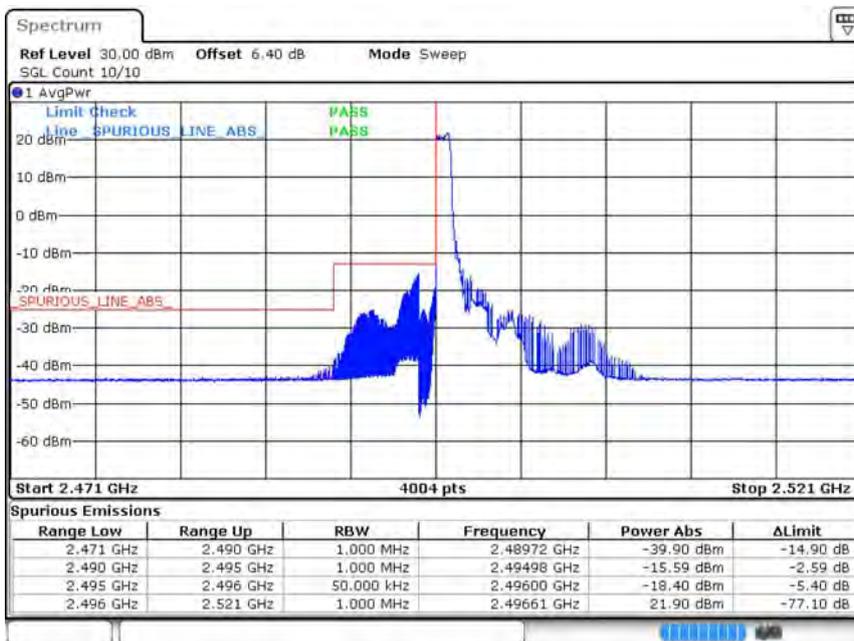
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Band41-5MHz-QPSK-41565-25RB#0



Date: 22 JUL 2021 07:59:06

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

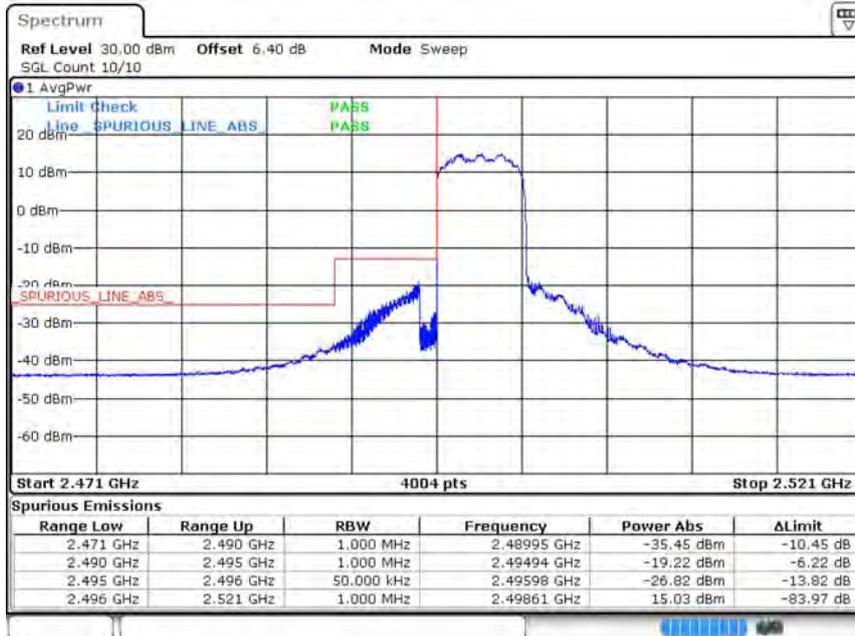


Date: 22 JUL 2021 07:56:26



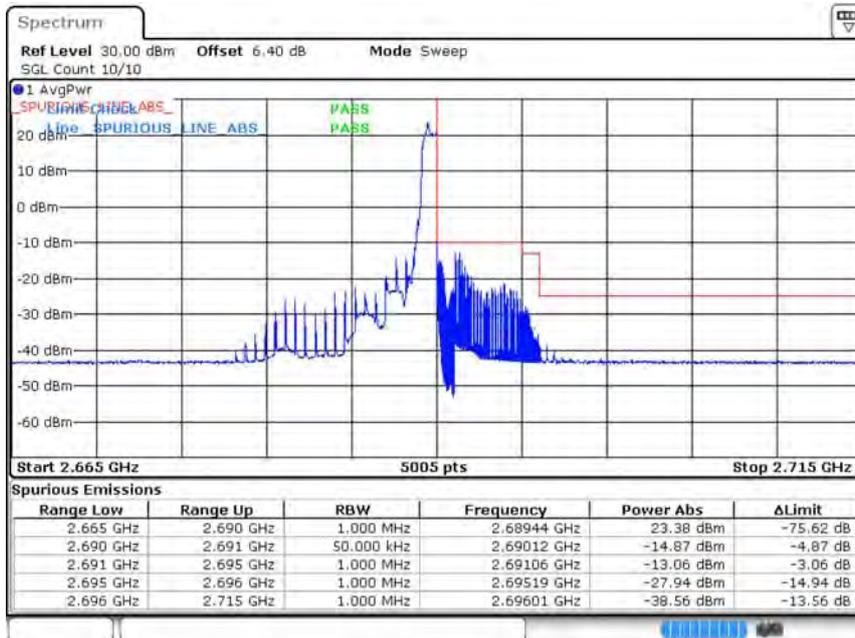
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Band41-5MHz-16QAM-39675-25RB#0



Date: 22 JUL 2021 07:57:16

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

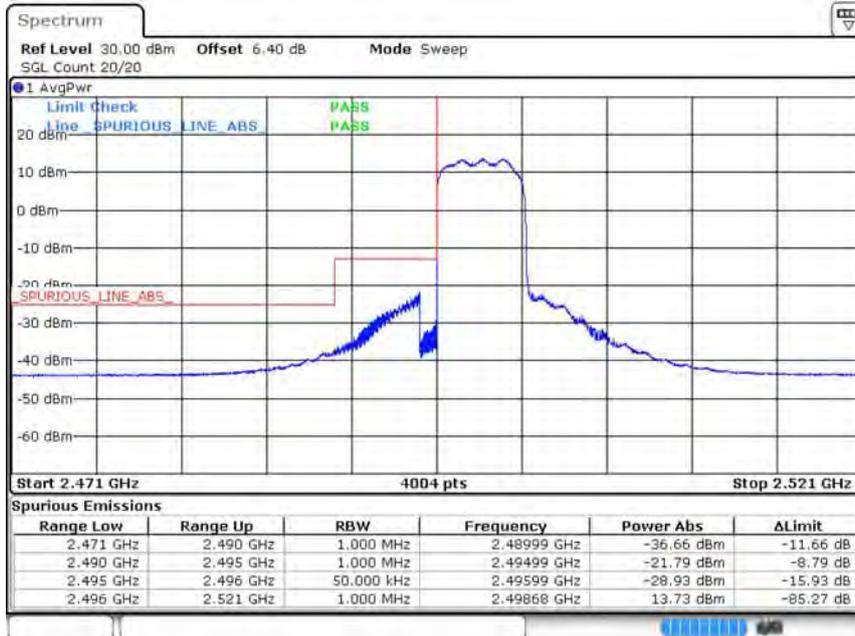


Date: 22 JUL 2021 07:58:38



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



Date: 22 JUL 2021 08:31:15

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

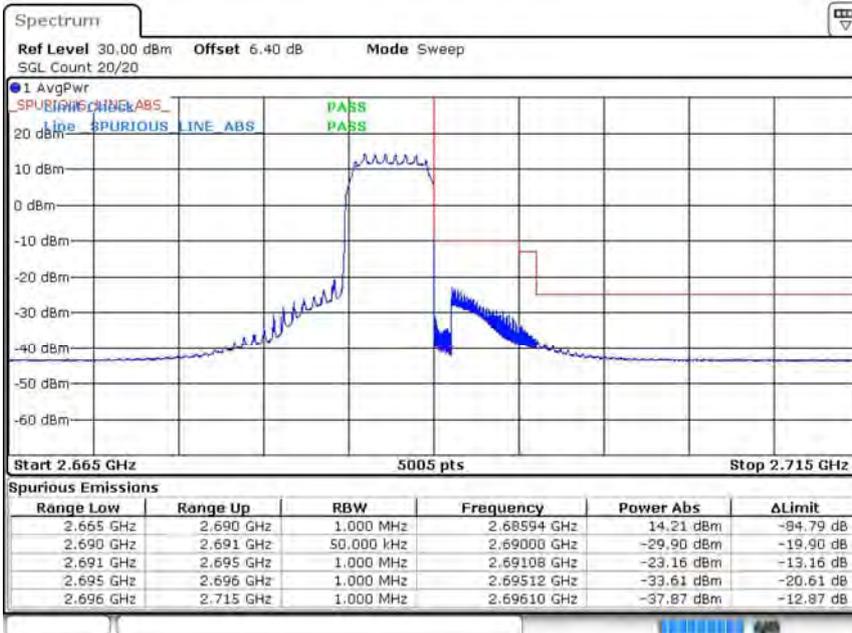


Date: 22 JUL 2021 08:34:08



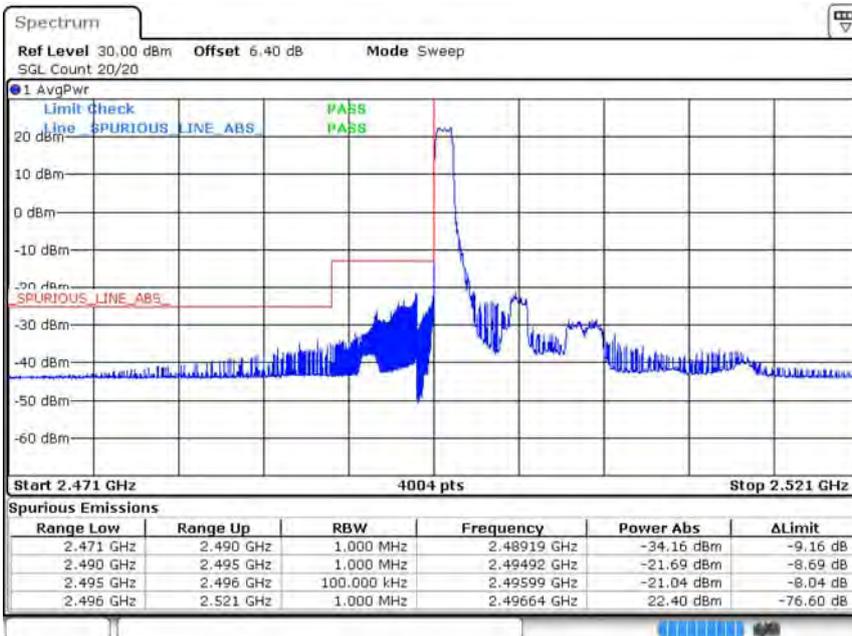
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Band41-5MHz-64QAM-41565-25RB#0



Date: 22 JUL 2021 08:35:19

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

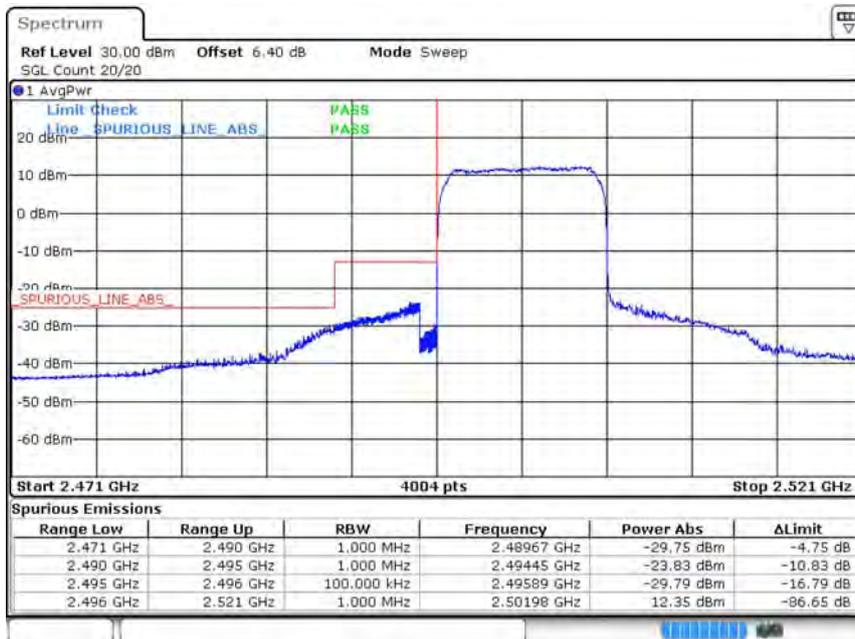


Date: 22 JUL 2021 08:04:12



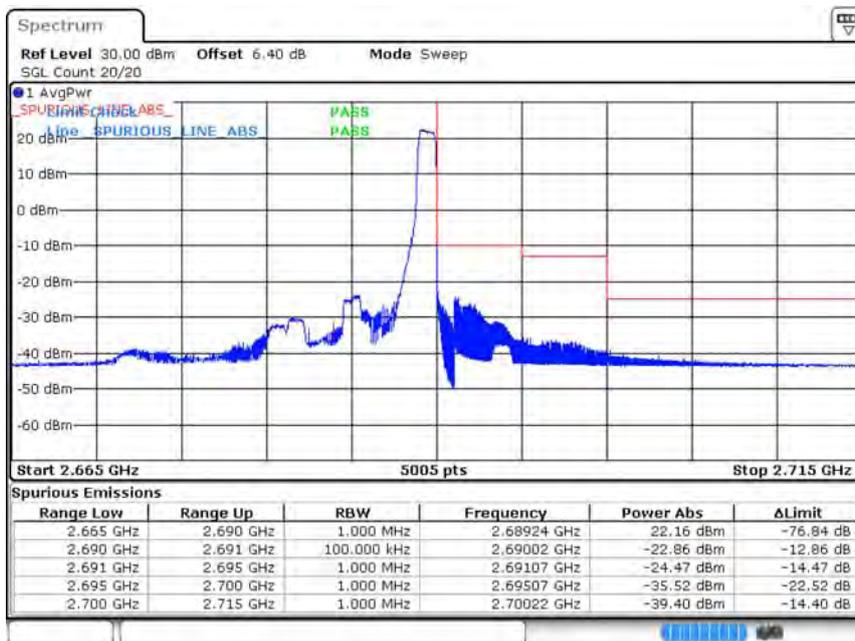
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Band41-10MHz-QPSK-39700-50RB#0



Date: 22 JUL 2021 08:05:04

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

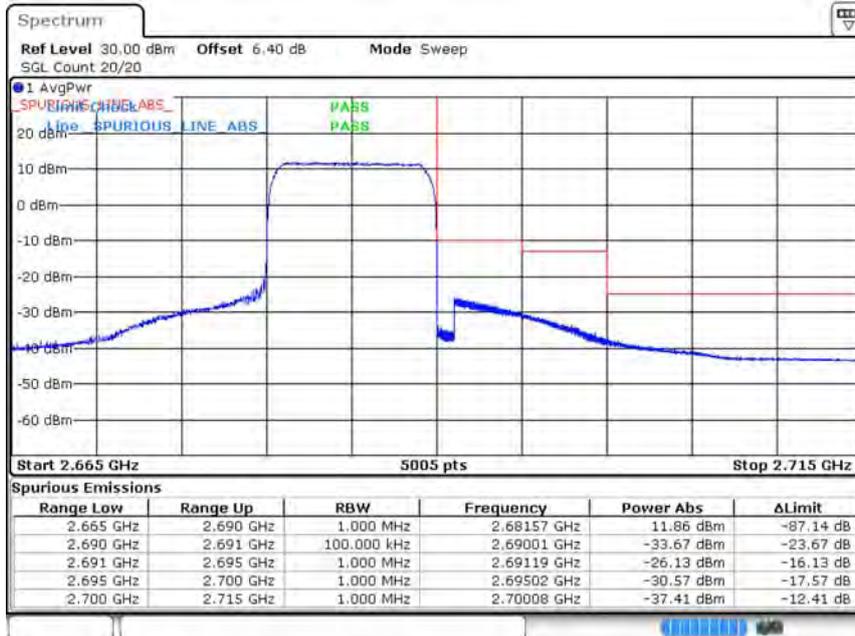


Date: 22 JUL 2021 08:08:49



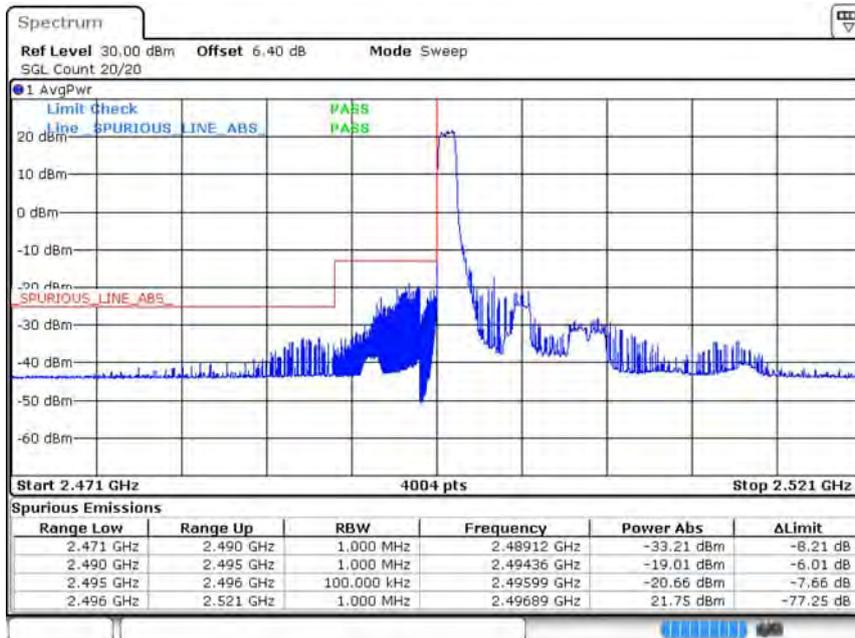
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Band41-10MHz-QPSK-41540-50RB#0



Date: 22 JUL 2021 08:09:37

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

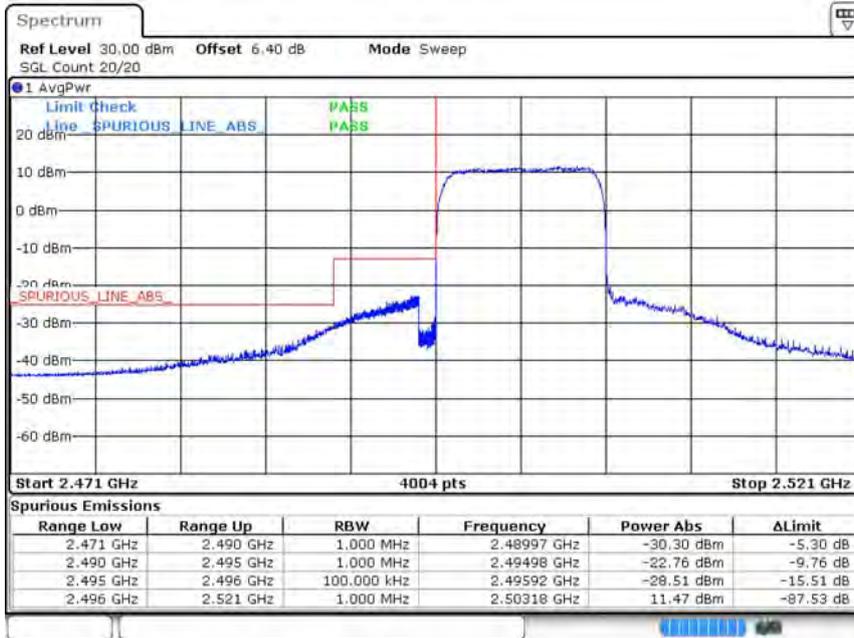


Date: 22 JUL 2021 08:04:36



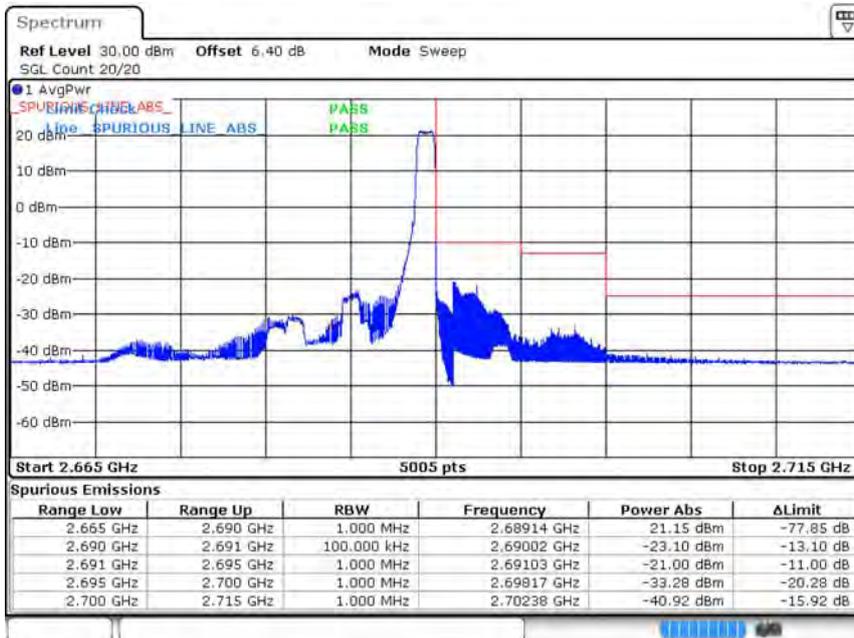
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Band41-10MHz-16QAM-39700-50RB#0



Date: 22 JUL 2021 08:05:27

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



Date: 22 JUL 2021 08:09:13



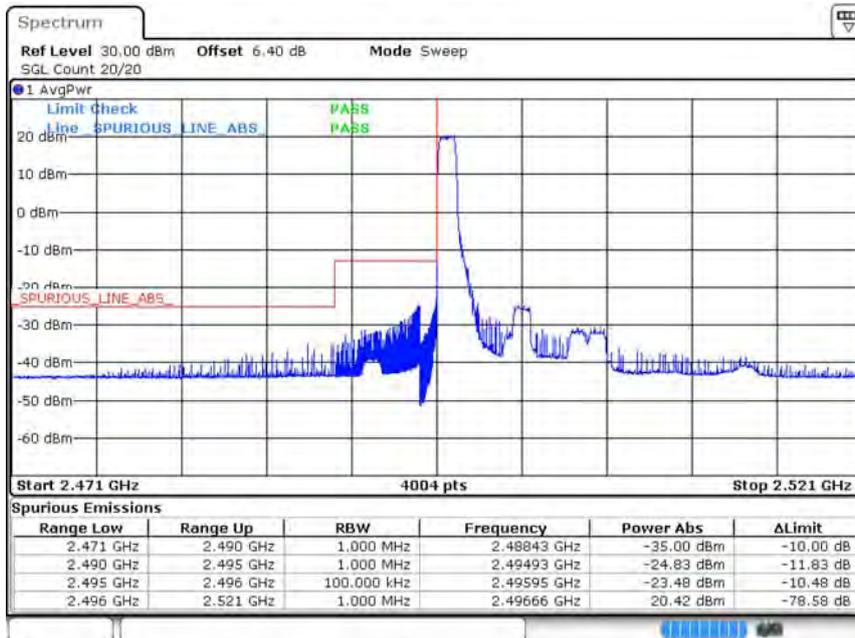
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Band41-10MHz-16QAM-41540-50RB#0



Date: 22 JUL 2021 08:09:59

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

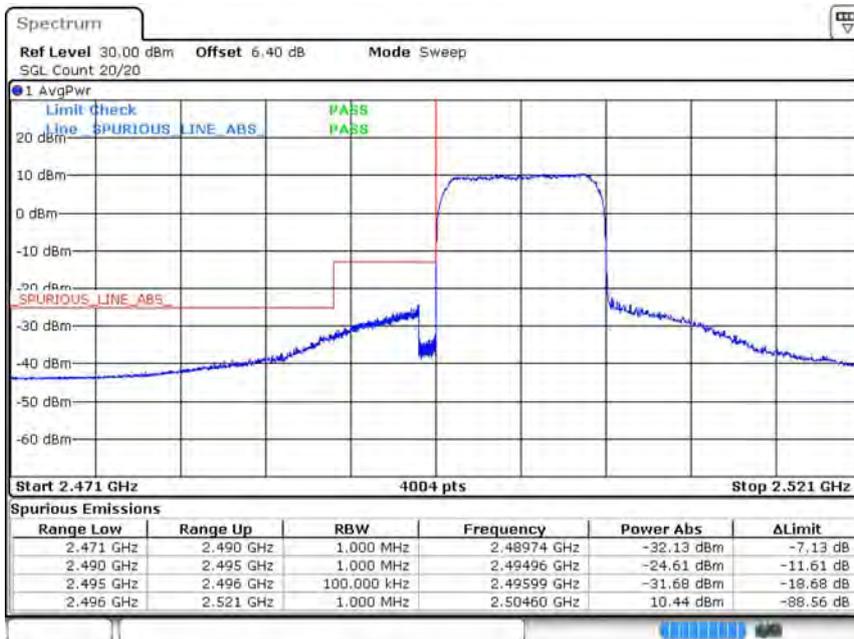


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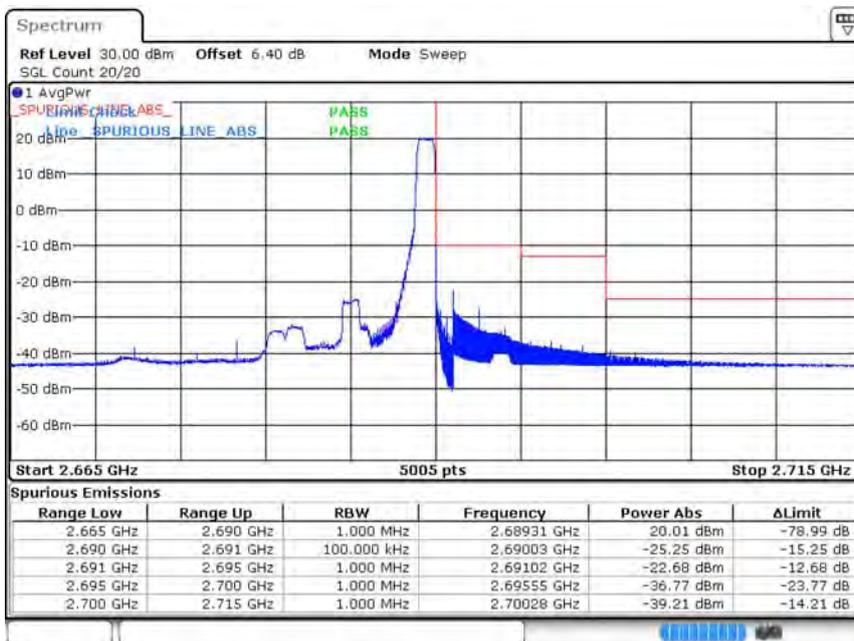
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Band41-10MHz-64QAM-39700-50RB#0



Date: 22 JUL 2021 08:36:36

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

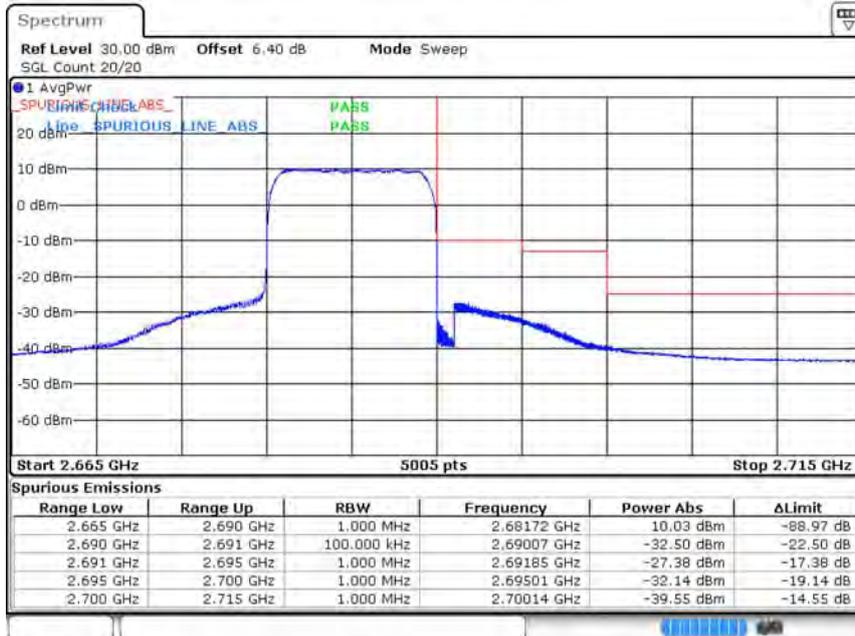


Date: 22 JUL 2021 08:37:22



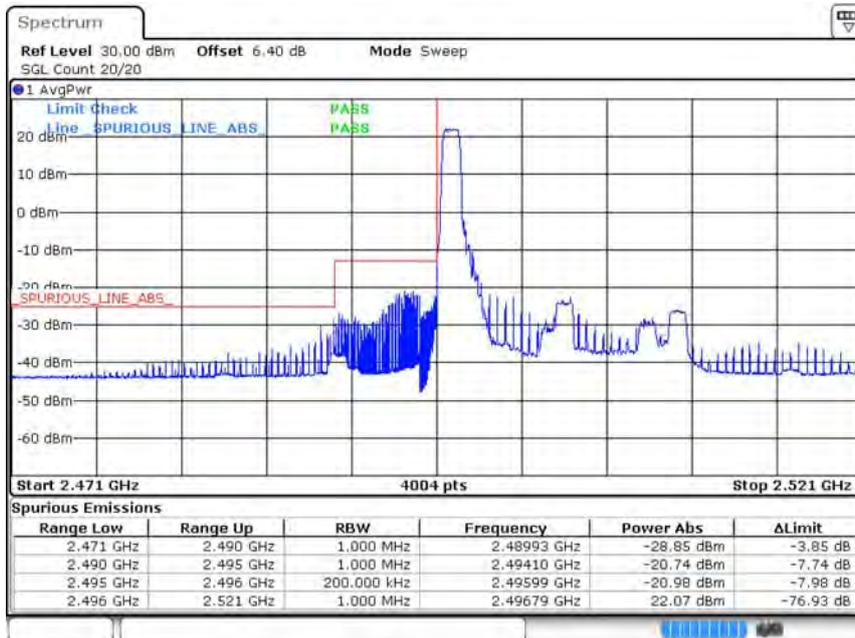
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Band41-10MHz-64QAM-41540-50RB#0



Date: 22 JUL 2021 08:37:46

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



Date: 22 JUL 2021 08:10:46



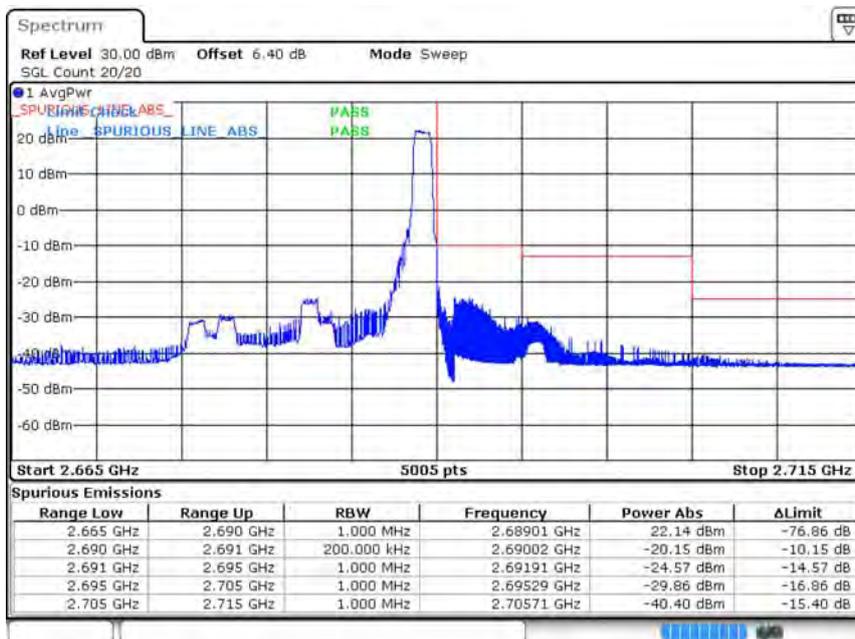
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Band41-15MHz-QPSK-39725-75RB#0



Date: 22 JUL 2021 08:11:37

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

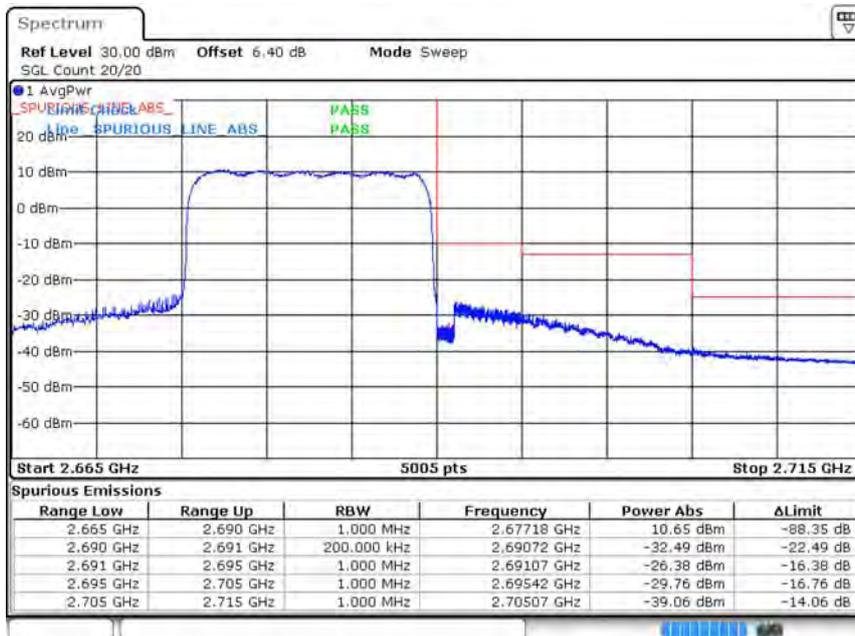


Date: 22 JUL 2021 08:13:19



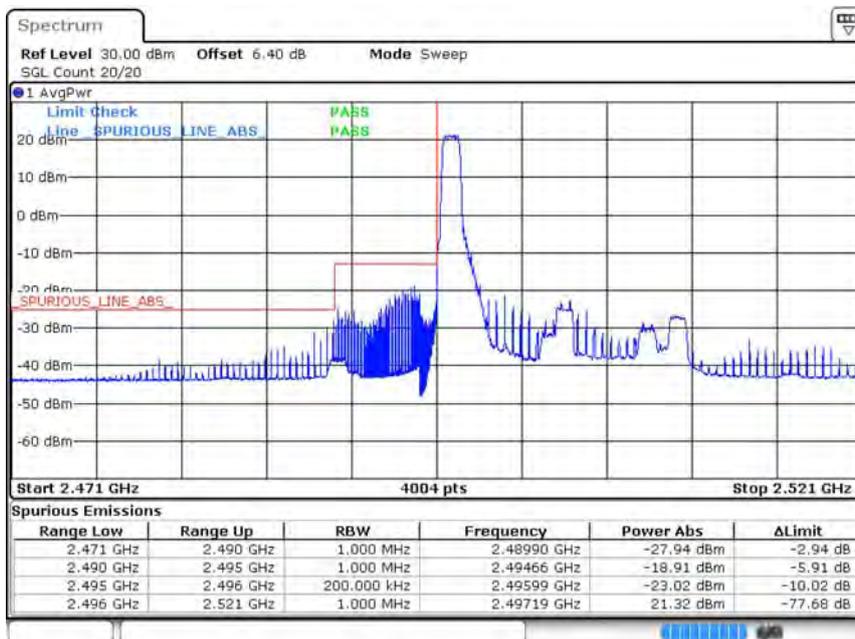
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Band41-15MHz-QPSK-41515-75RB#0



Date: 22 JUL 2021 08:14:07

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

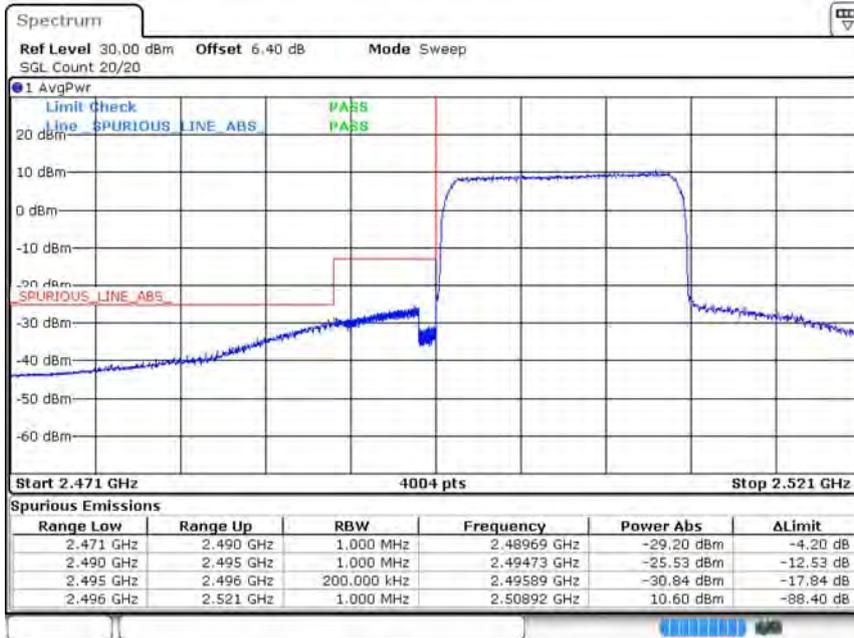


Date: 22 JUL 2021 08:11:10



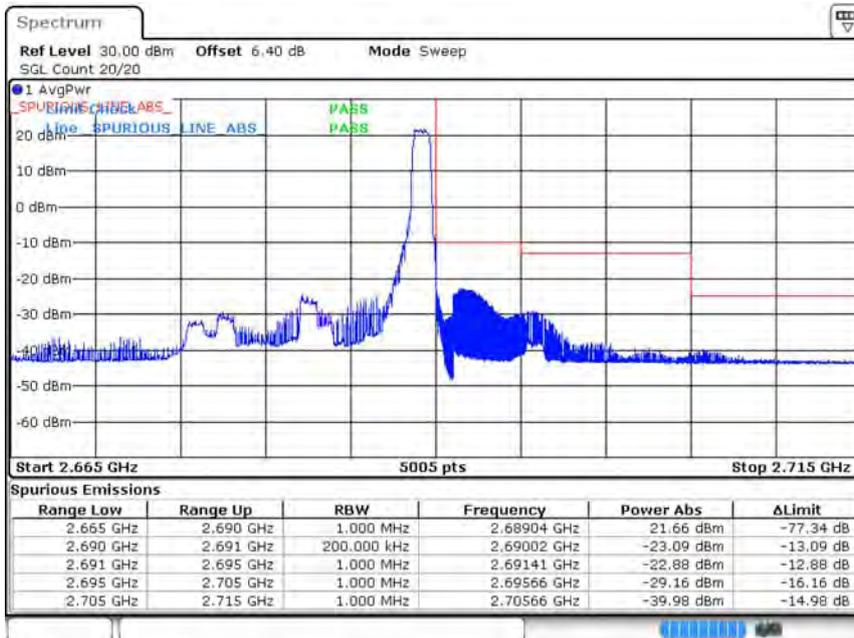
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Band41-15MHz-16QAM-39725-75RB#0



Date: 22 JUL 2021 08:11:59

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

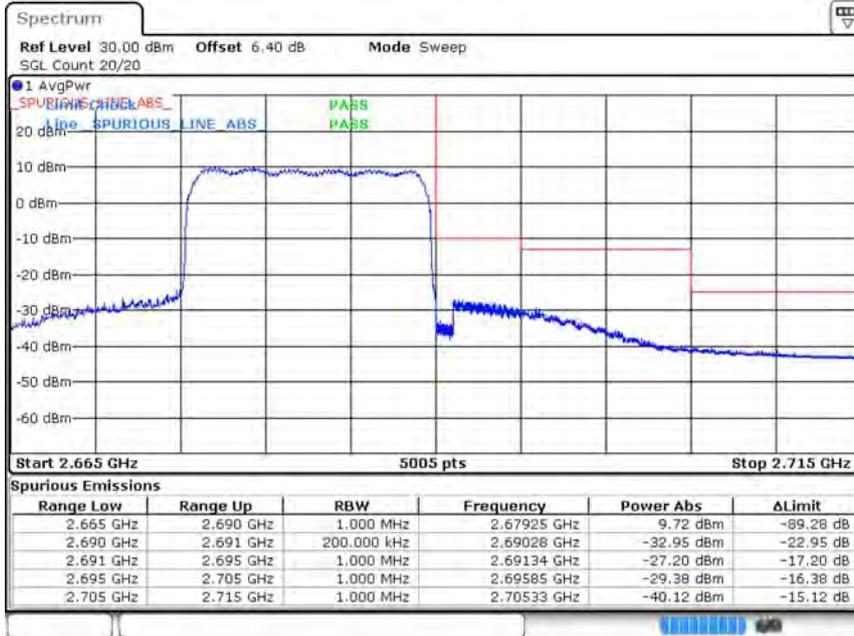


Date: 22 JUL 2021 08:13:43



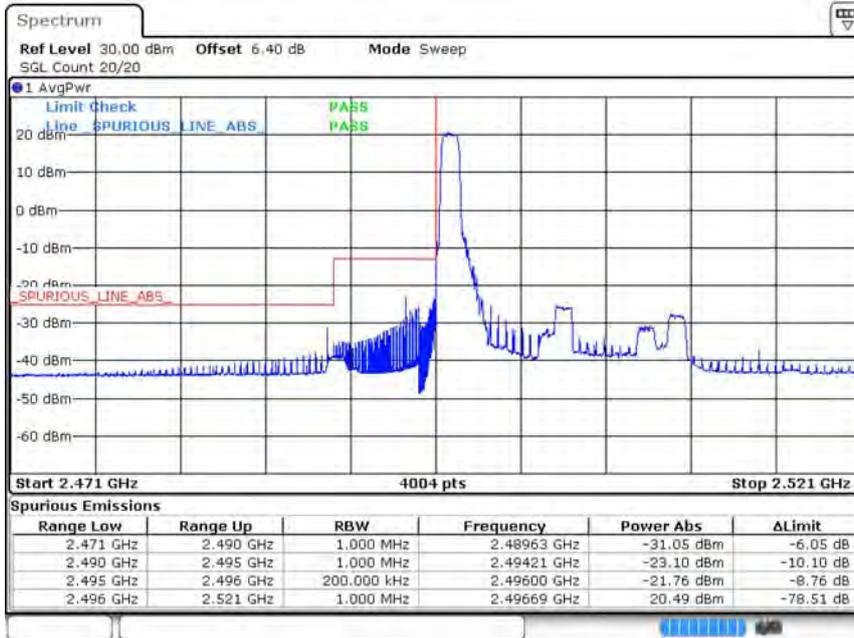
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Band41-15MHz-16QAM-41515-75RB#0



Date: 22 JUL 2021 08:14:30

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

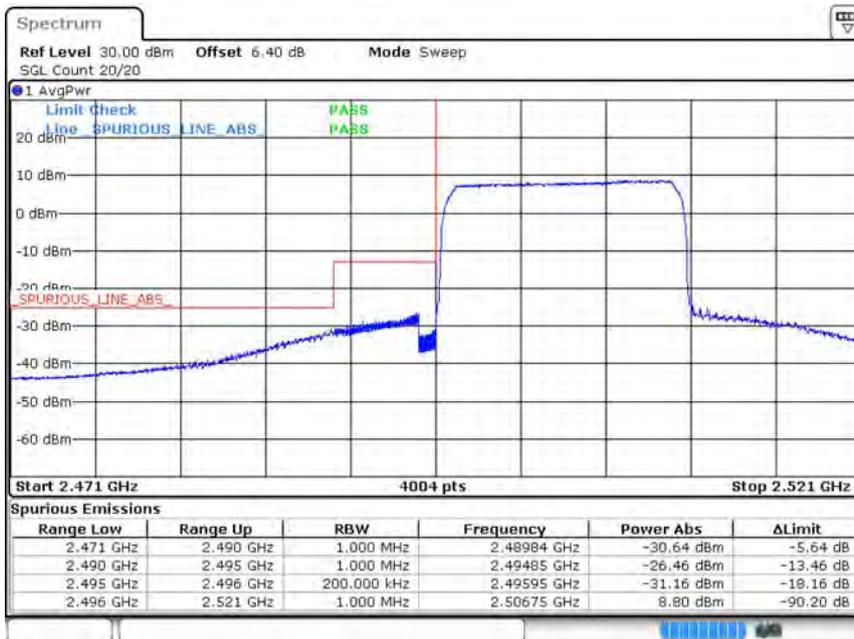


Date: 22 JUL 2021 08:38:33



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



Date: 22 JUL 2021 08:38:56

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

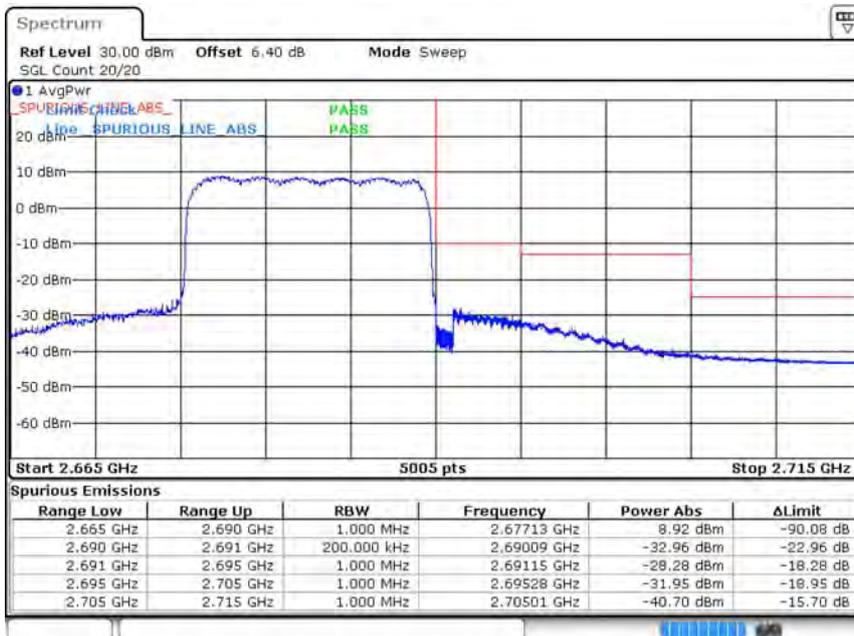


Date: 22 JUL 2021 08:39:43



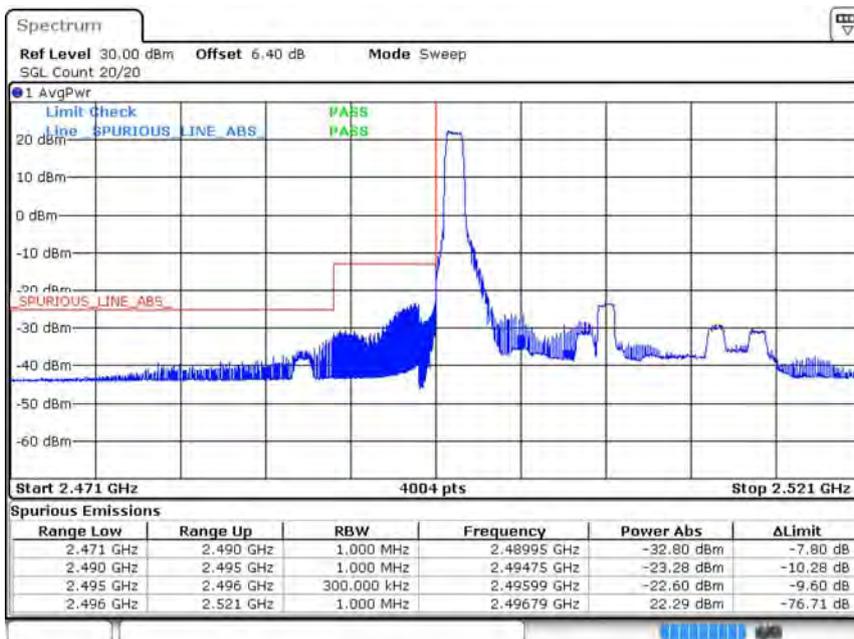
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Band41-15MHz-64QAM-41515-75RB#0



Date: 22 JUL 2021 08:40:07

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

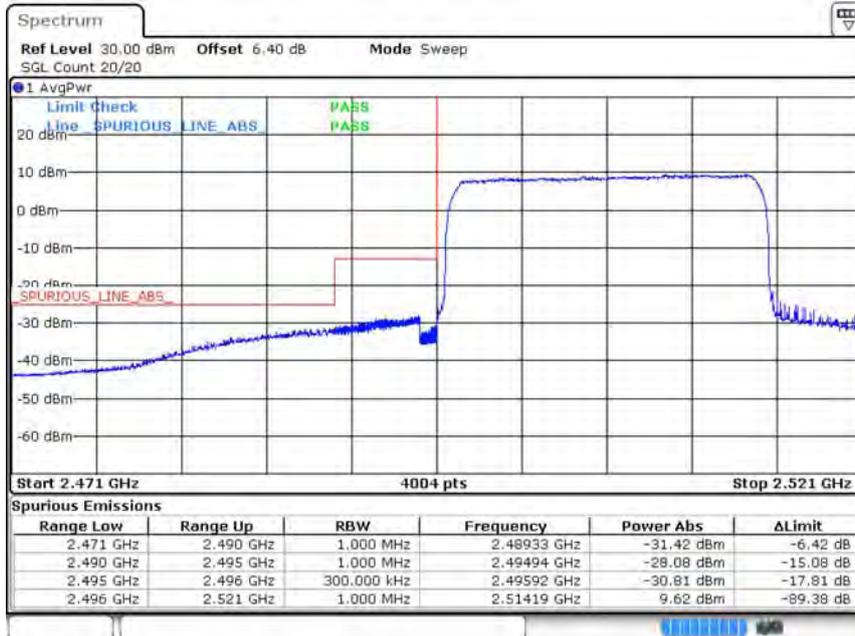


Date: 22 JUL 2021 08:15:15



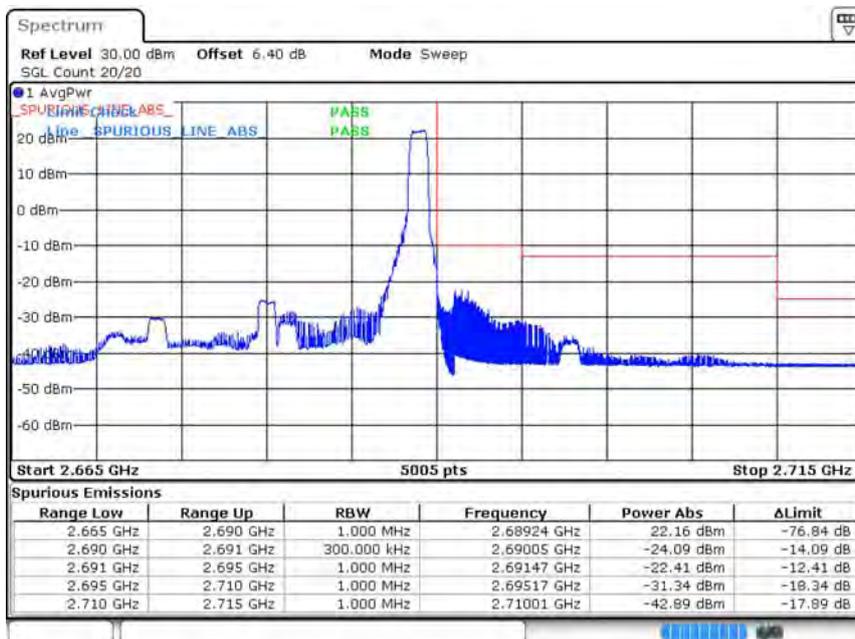
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Band41-20MHz-QPSK-39750-100RB#0



Date: 22 JUL 2021 08:16:02

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

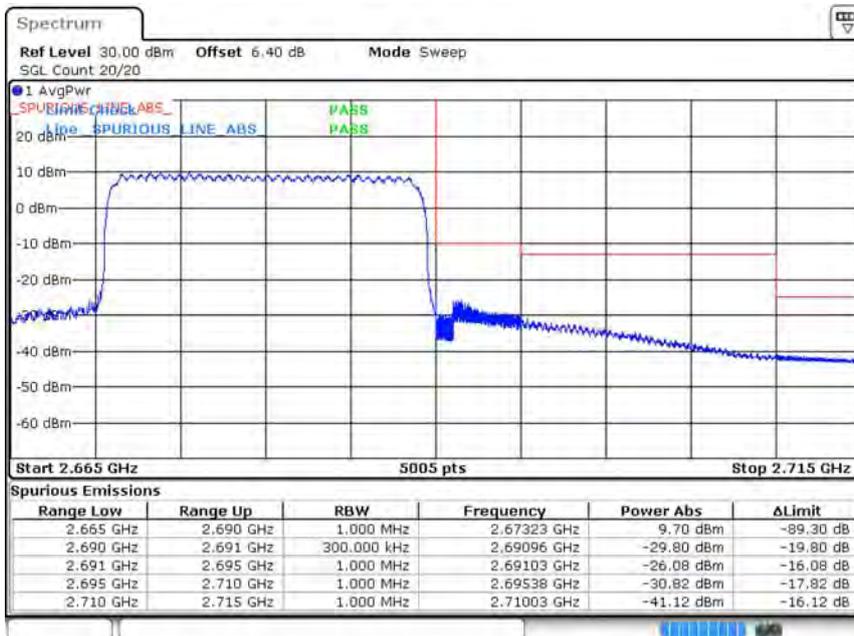


Date: 22 JUL 2021 08:17:46



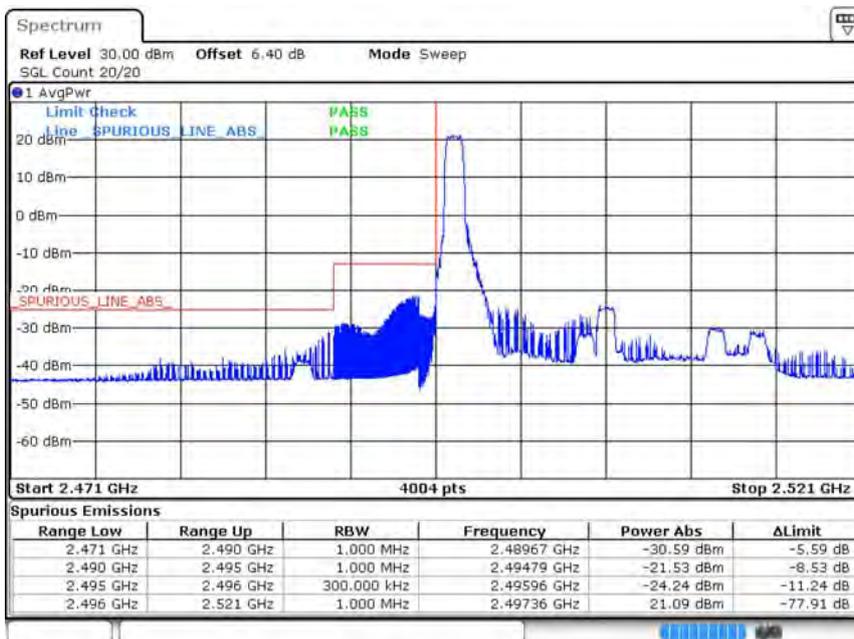
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Band41-20MHz-QPSK-41490-100RB#0



Date: 22 JUL 2021 08:18:39

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

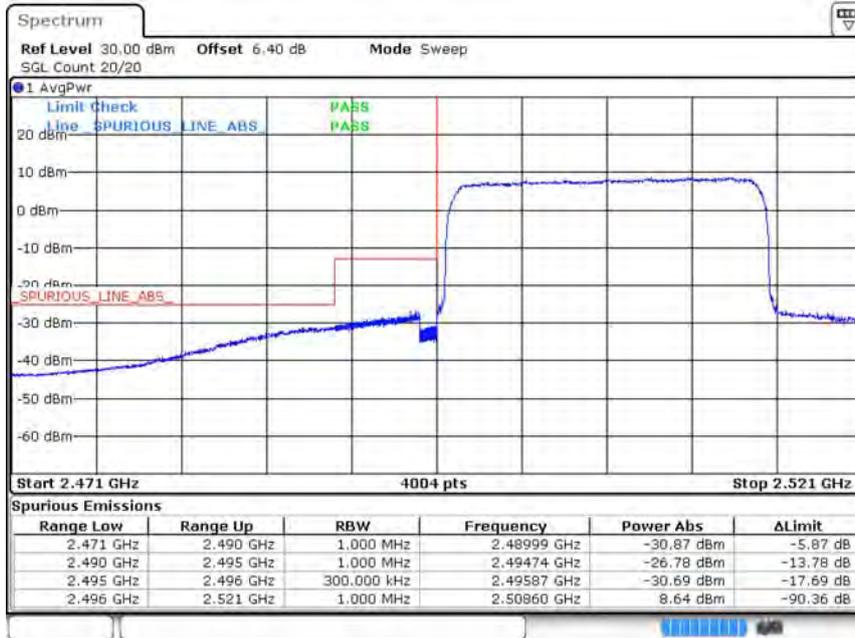


Date: 22 JUL 2021 08:15:39



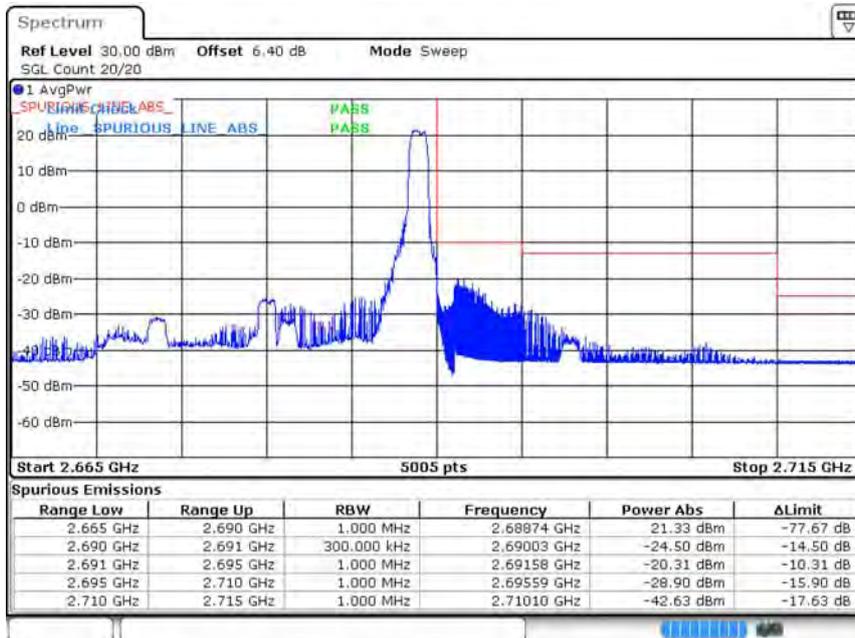
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Band41-20MHz-16QAM-39750-100RB#0



Date: 22 JUL 2021 08:16:24

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

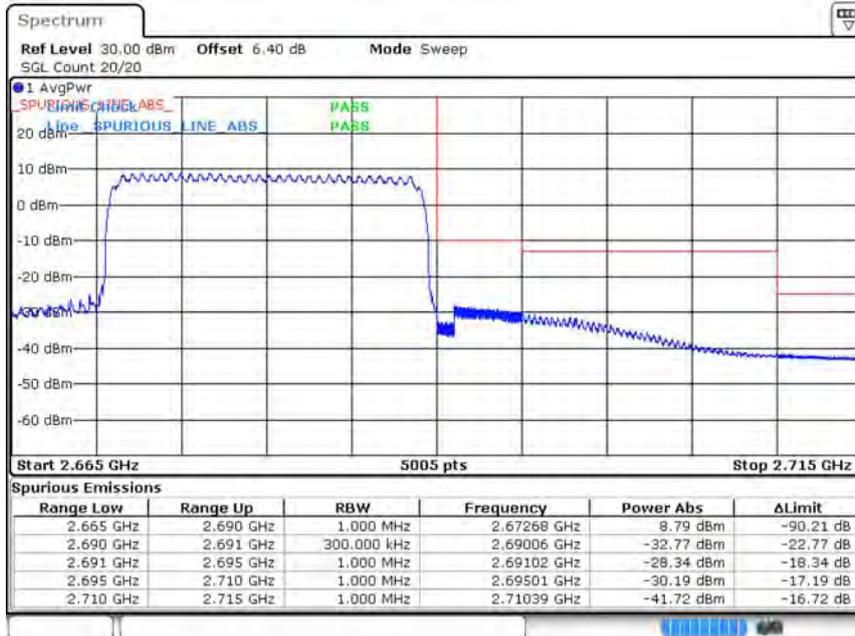


Date: 22 JUL 2021 08:18:14



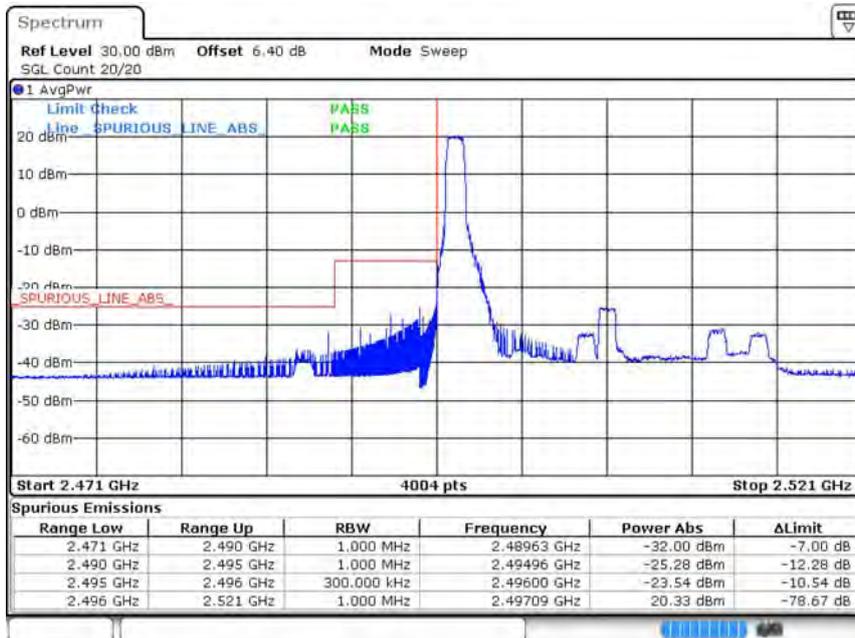
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Band41-20MHz-16QAM-41490-100RB#0



Date: 22 JUL 2021 08:19:03

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

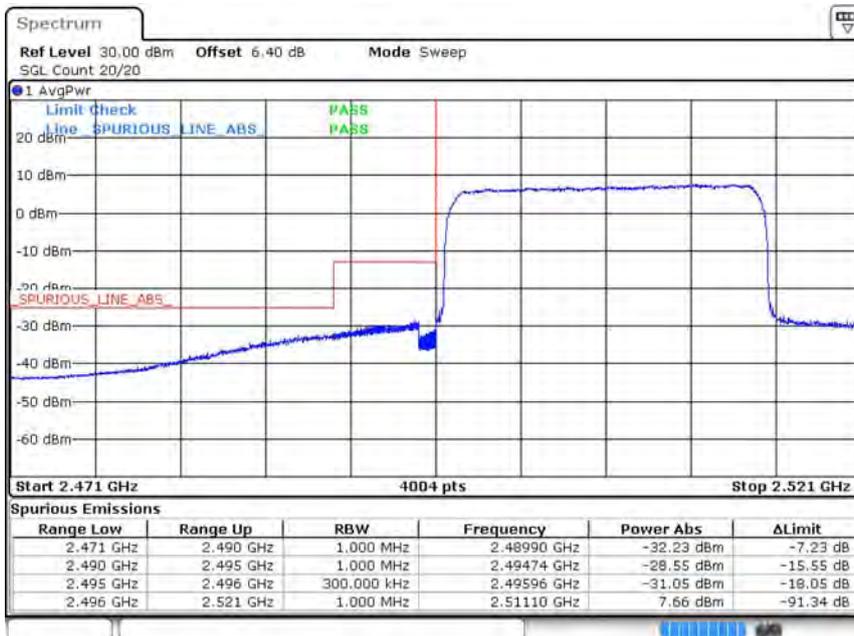


Date: 22 JUL 2021 08:40:54



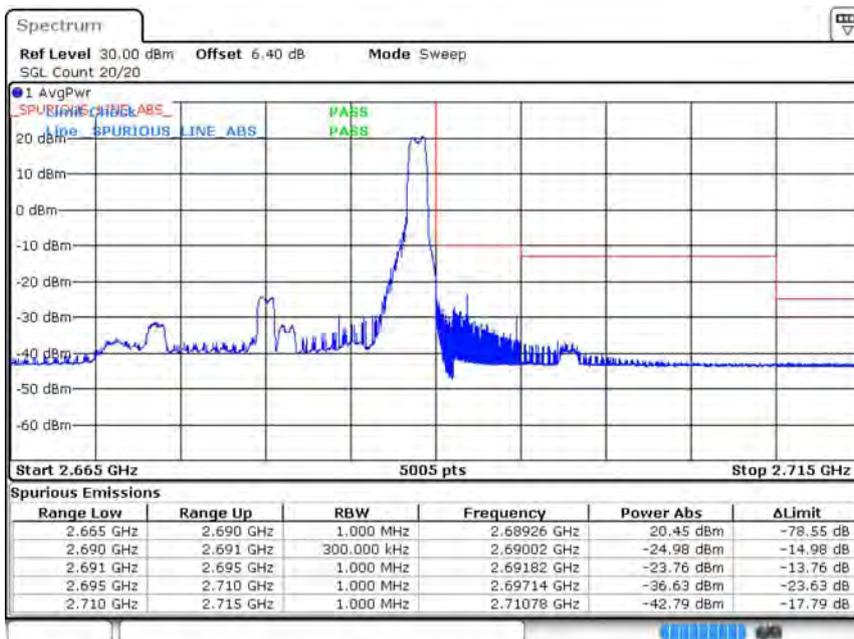
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Band41-20MHz-64QAM-39750-100RB#0



Date: 22 JUL 2021 08:41:18

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

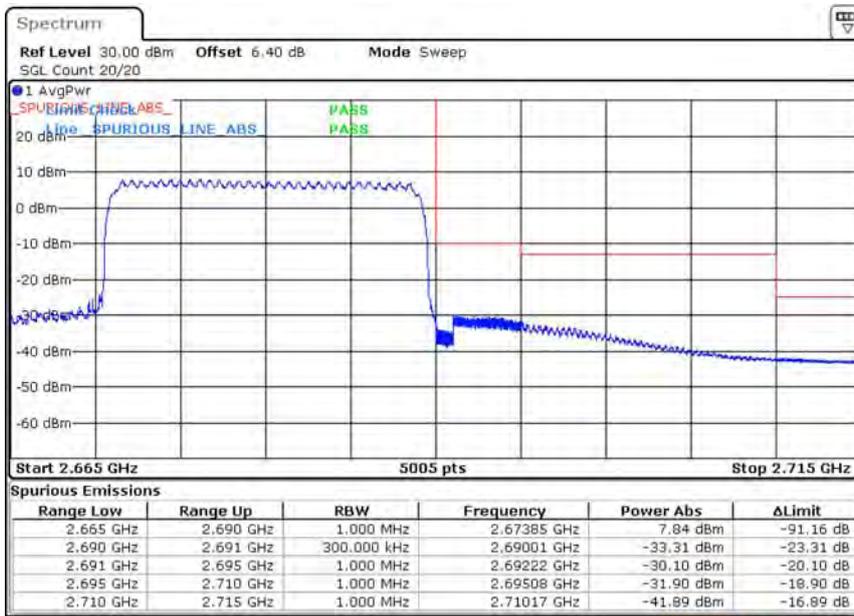


Date: 22 JUL 2021 08:42:08



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



Date: 22 JUL 2021 08:42:32



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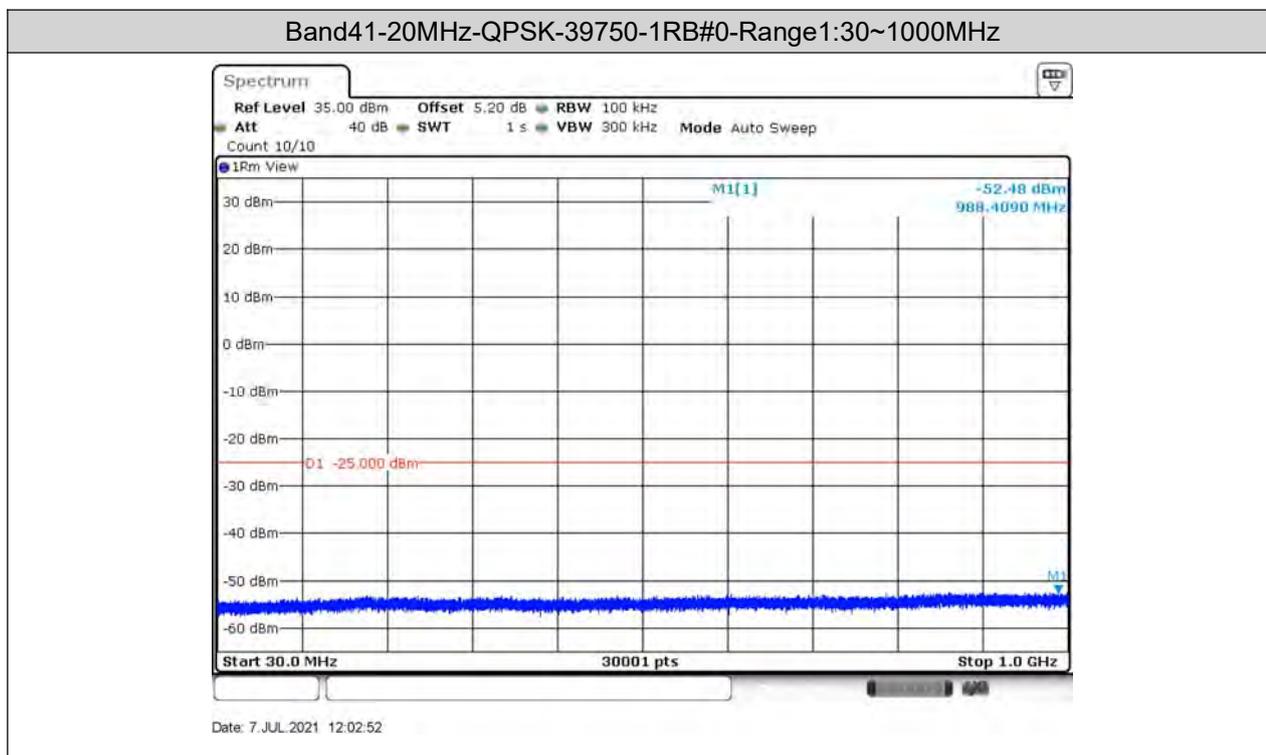
6. Spurious Emission at Antenna Terminal

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: 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.

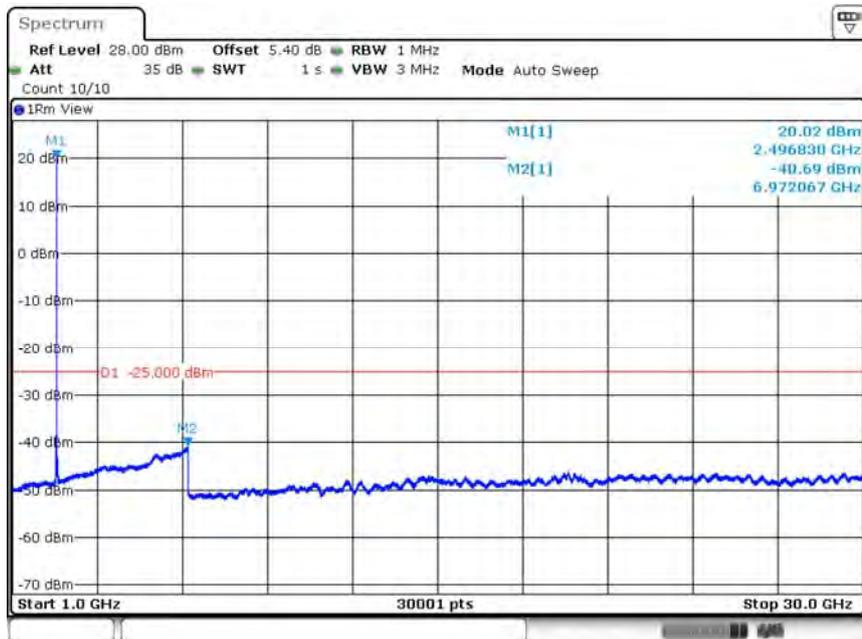
Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

6.1. Test Plots



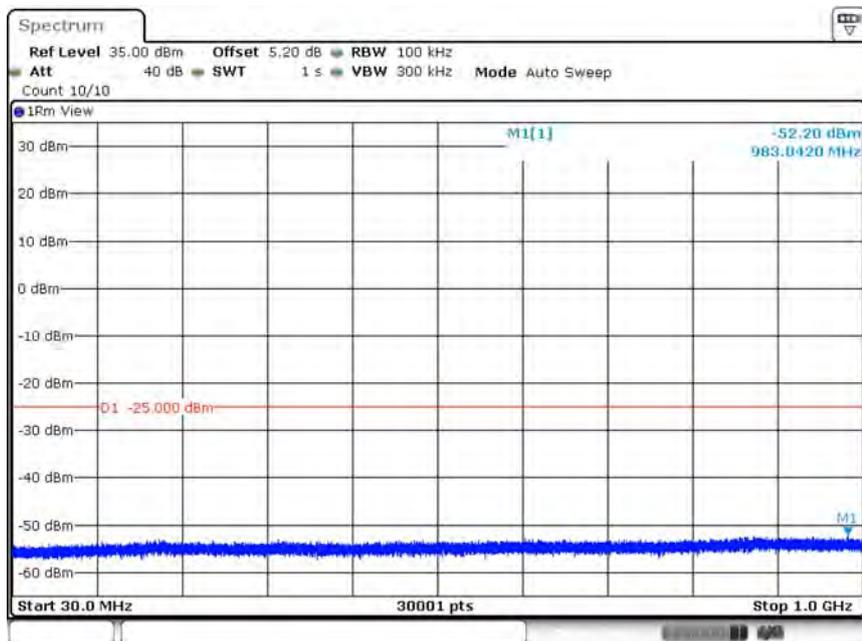
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Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 12:03:09

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

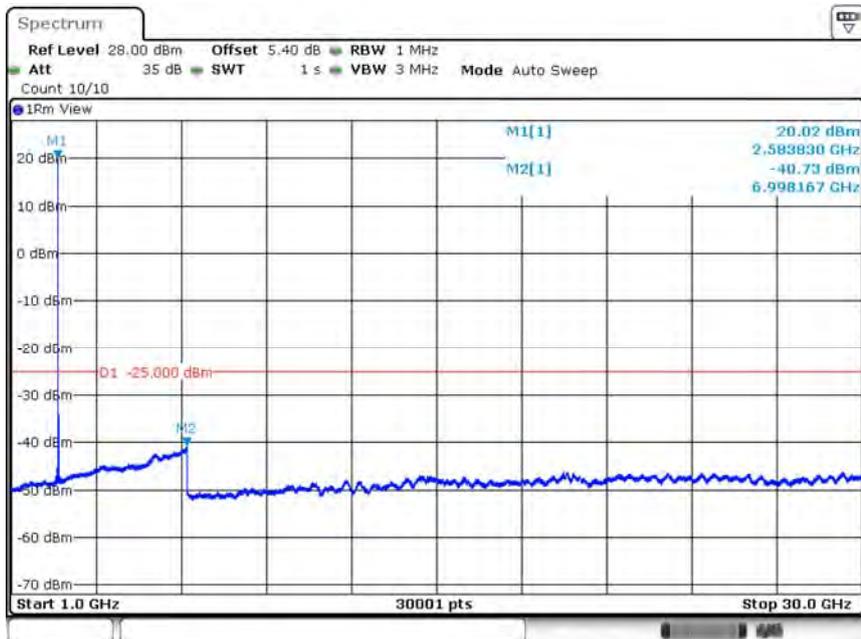


Date: 7.JUL.2021 12:04:15



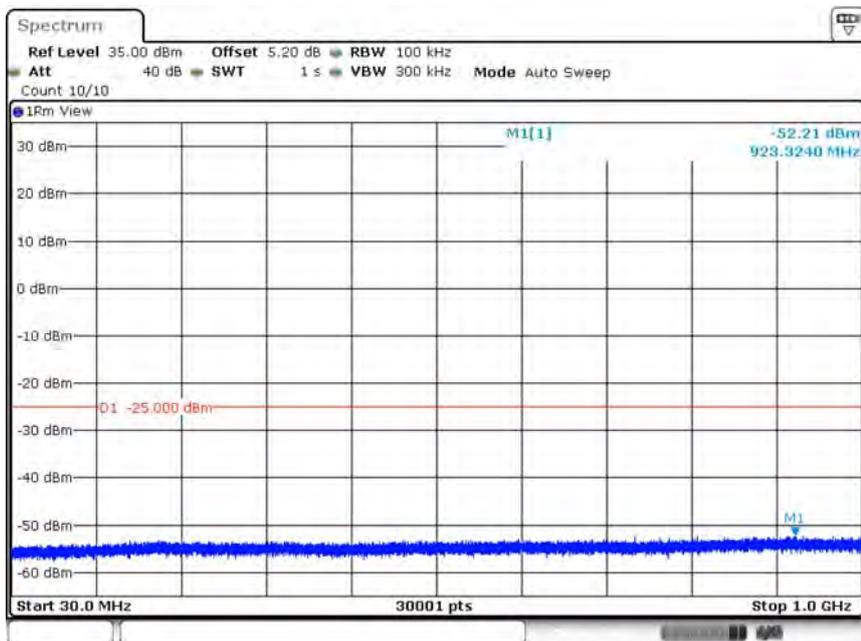
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Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 7 JUL 2021 12:04:32

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

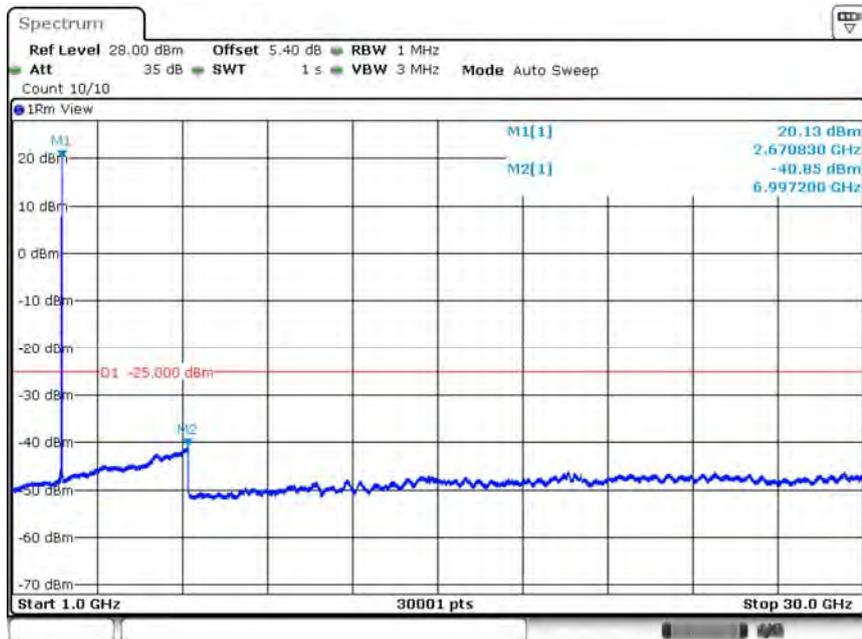


Date: 7 JUL 2021 12:05:39



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



Date: 7.JUL.2021 12:05:56

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

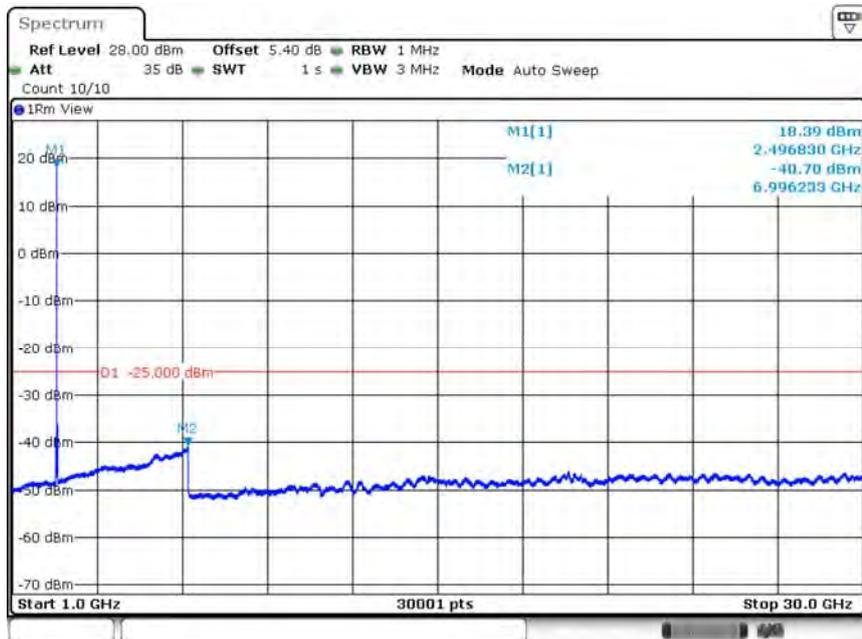


Date: 7.JUL.2021 12:03:33



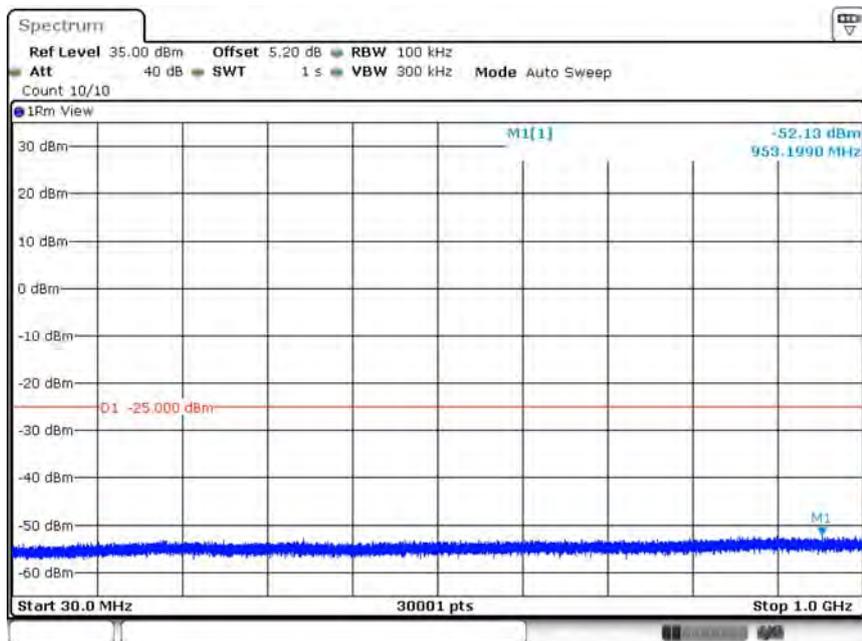
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Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 12:03:51

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

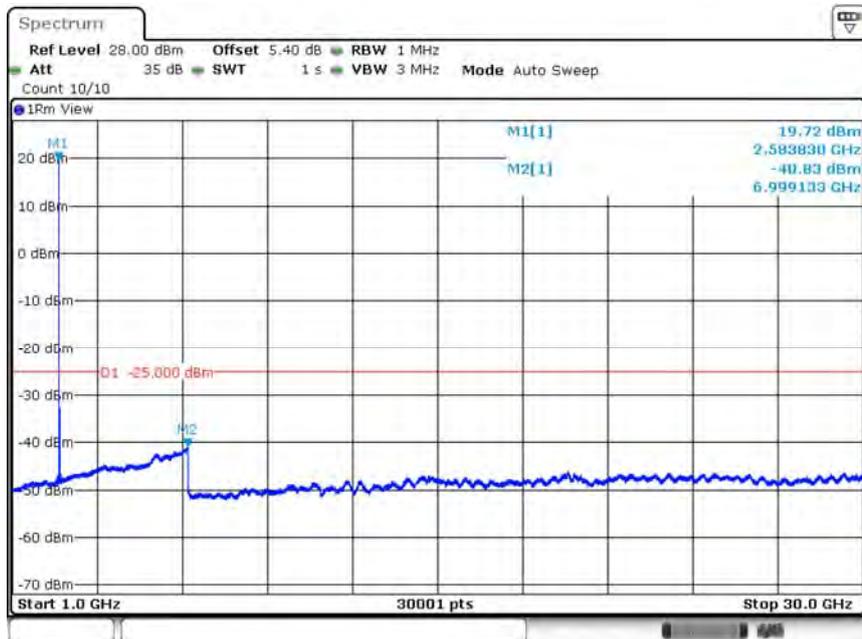


Date: 7.JUL.2021 12:04:57



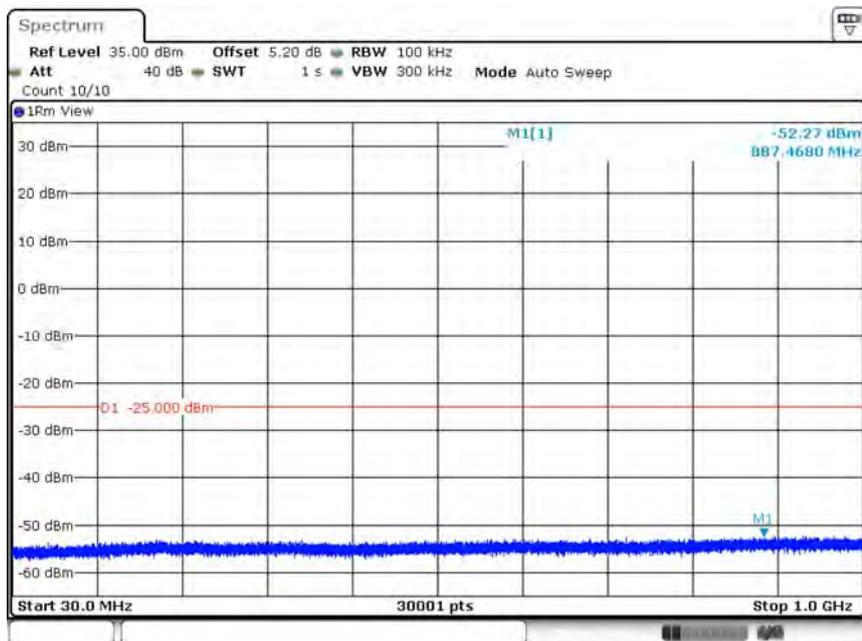
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Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 12:05:14

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

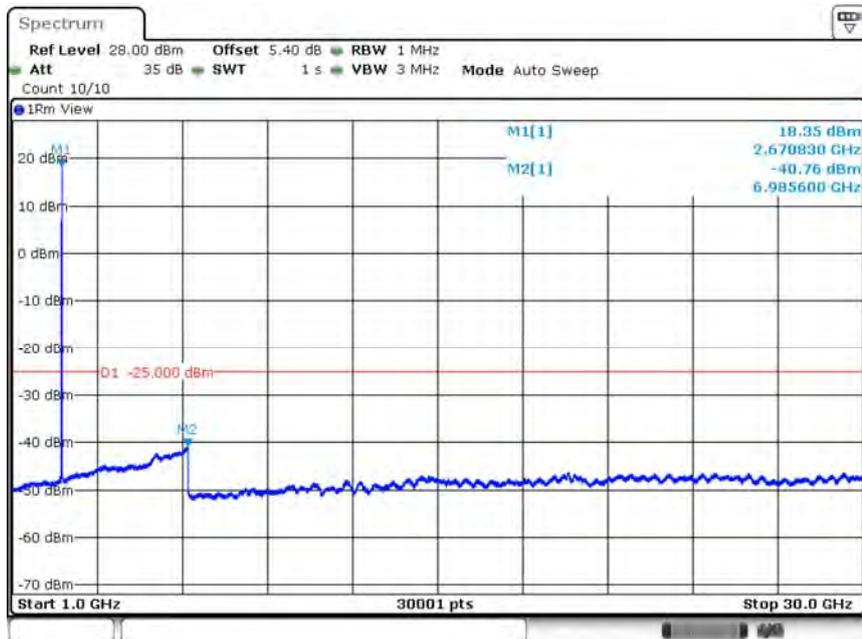


Date: 7.JUL.2021 12:06:21



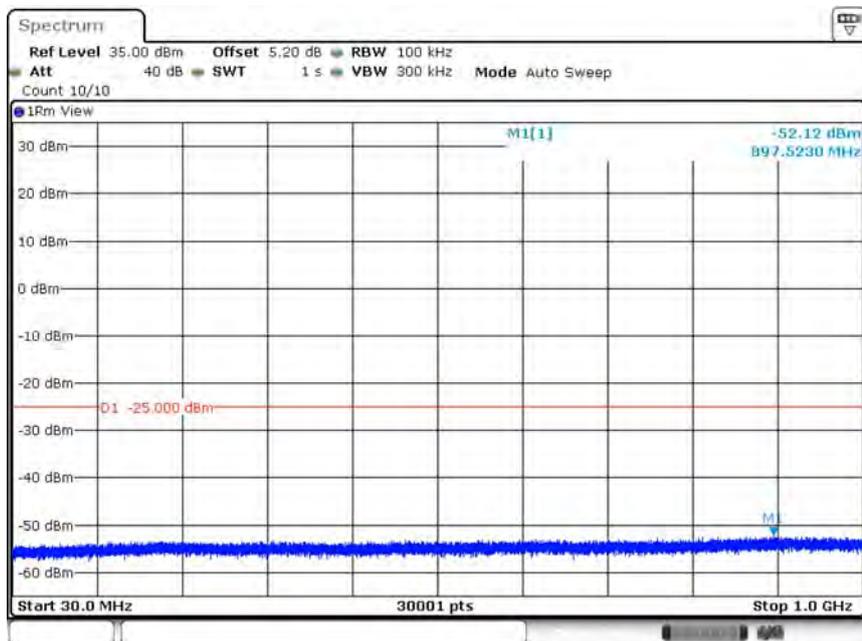
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Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 7.JUL.2021 12:06:38

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

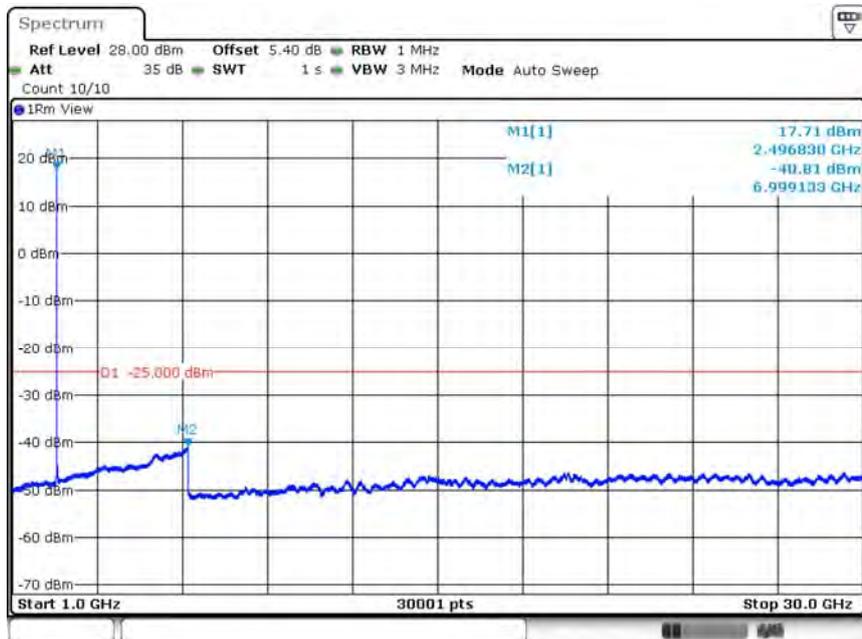


Date: 7.JUL.2021 14:40:29



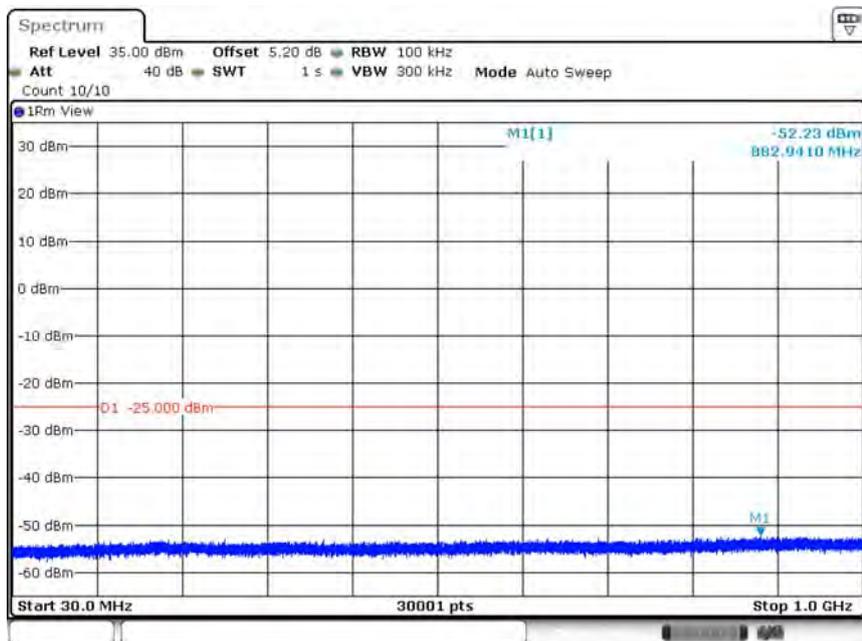
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Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 7 JUL 2021 14:40:46

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

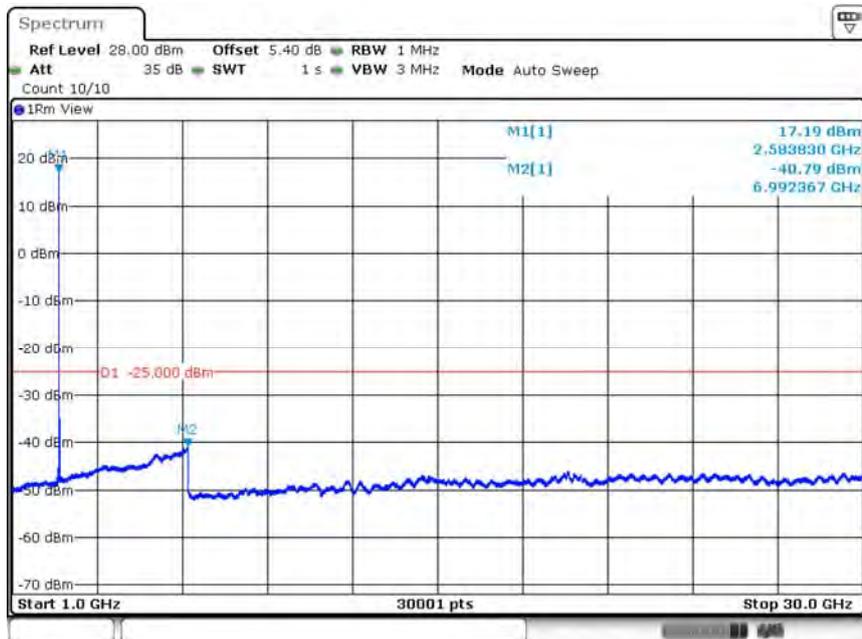


Date: 7 JUL 2021 14:41:11



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



Date: 7.JUL.2021 14:41:28

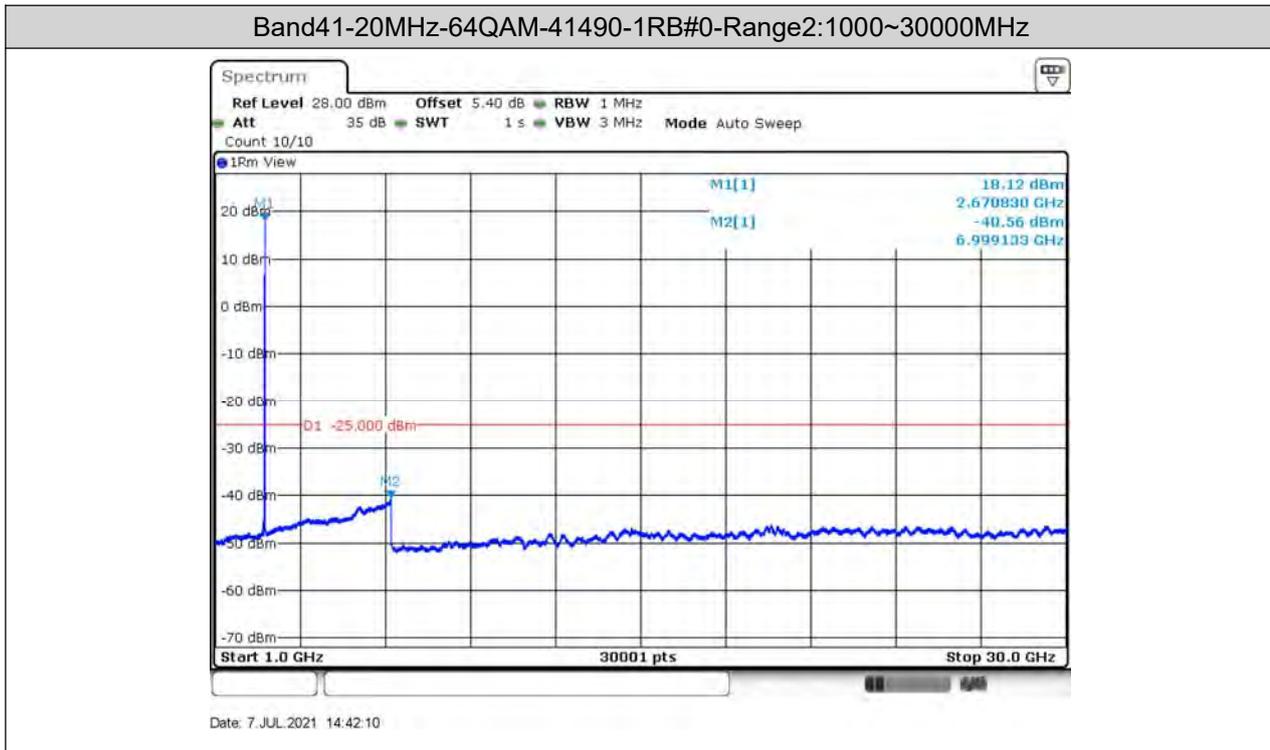
Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



Date: 7.JUL.2021 14:41:53



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7. Field Strength of Spurious Radiation

7.1. Test Band = _41 ANT2

7.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2998.9999	20.66	-43.82	-25.00	18.82	Horizontal
2	4435.5718	51.44	-60.62	-25.00	35.62	Horizontal
3	6225.1613	50.82	-55.46	-25.00	30.46	Horizontal
4	8397.2699	49.25	-51.76	-25.00	26.76	Horizontal
5	11215.9108	47.60	-48.11	-25.00	23.11	Horizontal
6	17986.499	49.07	-44.53	-25.00	19.53	Horizontal



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7.2. Test Band = _41 ANT2

7.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2951.9940	21.06	-43.64	-25.00	18.64	Vertical
2	4156.5578	51.78	-61.02	-25.00	36.02	Vertical
3	5816.3908	51.34	-56.06	-25.00	31.06	Vertical
4	9014.5507	47.90	-51.08	-25.00	26.08	Vertical
5	13025.001	46.18	-46.42	-25.00	21.42	Vertical
6	17919.746	48.46	-44.47	-25.00	19.47	Vertical



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7.3. Test Band = _41 ANT2

7.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2927.2409	20.83	-43.92	-25.00	18.92	Horizontal
2	4157.3079	51.51	-61.29	-25.00	36.29	Horizontal
3	5685.1343	50.43	-56.54	-25.00	31.54	Horizontal
4	8250.2625	48.89	-52.50	-25.00	27.50	Horizontal
5	11224.1612	47.67	-48.08	-25.00	23.08	Horizontal
6	17911.4956	48.32	-44.64	-25.00	19.64	Horizontal



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7.4. Test Band = _41 ANT2

7.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2948.7436	21.03	-43.67	-25.00	18.67	Vertical
2	3816.0408	52.65	-62.00	-25.00	37.00	Vertical
3	5703.8852	50.73	-56.14	-25.00	31.14	Vertical
4	7501.7251	49.25	-52.81	-25.00	27.81	Vertical
5	12406.970	47.48	-46.64	-25.00	21.64	Vertical
6	17918.245	48.46	-44.48	-25.00	19.48	Vertical



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7.5. Test Band = _41 ANT2

7.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2985.4982	21.07	-43.67	-25.00	18.67	Horizontal
2	3933.7967	52.43	-61.40	-25.00	36.40	Horizontal
3	6965.4483	50.27	-53.48	-25.00	28.48	Horizontal
4	9976.8488	47.14	-51.08	-25.00	26.08	Horizontal
5	14018.050	46.78	-45.66	-25.00	20.66	Horizontal
6	17910.745	48.46	-44.50	-25.00	19.50	Horizontal



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7.6. Test Band = _41 ANT2

7.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2944.4931	21.10	-43.63	-25.00	18.63	Vertical
2	4532.3266	51.50	-60.33	-25.00	35.33	Vertical
3	7472.4736	49.50	-52.76	-25.00	27.76	Vertical
4	11769.4385	47.29	-47.82	-25.00	22.82	Vertical
5	14683.334	46.49	-46.07	-25.00	21.07	Vertical
6	17985.749	49.31	-44.27	-25.00	19.27	Vertical



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7.7. Test Band = _41 ANT8

7.7.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2963.2454	20.86	-43.95	-25.00	18.95	Horizontal
2	4959.0980	50.59	-59.08	-25.00	34.08	Horizontal
3	7491.2246	50.65	-51.45	-25.00	26.45	Horizontal
4	9949.0975	47.75	-50.45	-25.00	25.45	Horizontal
5	14045.052	45.98	-46.04	-25.00	21.04	Horizontal
6	17991.749	49.23	-44.48	-25.00	19.48	Horizontal



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7.8. Test Band = _41 ANT8

7.8.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2995.4994	20.88	-43.71	-25.00	18.71	Vertical
2	3930.7965	52.01	-61.82	-25.00	36.82	Vertical
3	6340.6670	50.23	-55.61	-25.00	30.61	Vertical
4	8398.0199	49.35	-51.66	-25.00	26.66	Vertical
5	11271.4136	47.94	-47.96	-25.00	22.96	Vertical
6	17996.249	49.56	-44.24	-25.00	19.24	Vertical



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7.9. Test Band = _41 ANT8

7.9.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2951.4939	21.02	-43.68	-25.00	18.68	Horizontal
2	3990.0495	51.89	-61.79	-25.00	36.79	Horizontal
3	5703.8852	50.23	-56.64	-25.00	31.64	Horizontal
4	8421.2711	49.02	-52.02	-25.00	27.02	Horizontal
5	12829.241	46.25	-46.95	-25.00	21.95	Horizontal
6	17936.246	48.75	-44.13	-25.00	19.13	Horizontal



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7.10. Test Band = _41 ANT8

7.10.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2932.9916	20.86	-43.86	-25.00	18.86	Vertical
2	4395.0698	51.95	-60.42	-25.00	35.42	Vertical
3	7097.4549	49.11	-53.94	-25.00	28.94	Vertical
4	11923.9462	47.64	-46.86	-25.00	21.86	Vertical
5	16401.670	47.88	-45.89	-25.00	20.89	Vertical
6	17920.496	48.81	-44.12	-25.00	19.12	Vertical



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7.11. Test Band = _41 ANT8

7.11.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2951.7440	21.10	-43.60	-25.00	18.60	Horizontal
2	4476.0738	52.09	-59.77	-25.00	34.77	Horizontal
3	7482.9741	49.50	-52.67	-25.00	27.67	Horizontal
4	10013.600	47.37	-50.78	-25.00	25.78	Horizontal
5	15034.351	45.74	-46.09	-25.00	21.09	Horizontal
6	17981.999	49.43	-44.07	-25.00	19.07	Horizontal



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7.12. Test Band = _41 ANT8

7.12.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2997.2497	20.68	-43.86	-25.00	18.86	Vertical
2	4399.5700	51.43	-60.90	-25.00	35.90	Vertical
3	5967.8984	50.75	-56.68	-25.00	31.68	Vertical
4	8391.2696	49.43	-51.61	-25.00	26.61	Vertical
5	11135.6568	47.46	-48.24	-25.00	23.24	Vertical
6	17989.499	49.50	-44.16	-25.00	19.16	Vertical



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7.13. Test Band = _41 ANT5

7.13.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2995.2494	21.04	-43.56	-25.00	18.56	Horizontal
2	3757.5379	52.32	-62.24	-25.00	37.24	Horizontal
3	4791.0896	51.14	-59.52	-25.00	34.52	Horizontal
4	7485.9743	49.53	-52.62	-25.00	27.62	Horizontal
5	11914.1957	47.13	-47.22	-25.00	22.22	Horizontal
6	17912.995	48.85	-44.10	-25.00	19.10	Horizontal



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7.14. Test Band = _41 ANT5

7.14.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2927.2409	21.00	-43.75	-25.00	18.75	Vertical
2	4140.0570	51.46	-61.51	-25.00	36.51	Vertical
3	6279.9140	50.16	-55.92	-25.00	30.92	Vertical
4	7491.2246	52.28	-49.82	-25.00	24.82	Vertical
5	10707.385	47.81	-49.44	-25.00	24.44	Vertical
6	17828.241	49.70	-44.51	-25.00	19.51	Vertical



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7.15. Test Band = _41 ANT5

7.15.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2938.7423	20.74	-44.01	-25.00	19.01	Horizontal
2	4212.8106	51.35	-61.38	-25.00	36.38	Horizontal
3	6380.4190	50.35	-55.38	-25.00	30.38	Horizontal
4	7971.9986	49.27	-52.66	-25.00	27.66	Horizontal
5	11254.1627	47.71	-48.15	-25.00	23.15	Horizontal
6	17984.999	49.27	-44.30	-25.00	19.30	Horizontal



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7.16. Test Band = _41 ANT5

7.16.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2955.4944	20.76	-43.96	-25.00	18.96	Vertical
2	4142.3071	51.30	-61.64	-25.00	36.64	Vertical
3	6374.4187	50.20	-55.54	-25.00	30.54	Vertical
4	9040.8020	48.18	-50.91	-25.00	25.91	Vertical
5	11916.4458	47.11	-47.27	-25.00	22.27	Vertical
6	17933.246	48.33	-44.56	-25.00	19.56	Vertical



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7.17. Test Band = _41 ANT5

7.17.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2924.9906	20.94	-43.85	-25.00	18.85	Horizontal
2	4314.0657	52.14	-60.67	-25.00	35.67	Horizontal
3	6384.1692	50.09	-55.63	-25.00	30.63	Horizontal
4	9046.8023	48.25	-50.86	-25.00	25.86	Horizontal
5	11930.6965	47.49	-47.11	-25.00	22.11	Horizontal
6	17984.249	49.27	-44.28	-25.00	19.28	Horizontal



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7.18. Test Band = _41 ANT5

7.18.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2953.2442	21.27	-43.44	-25.00	18.44	Vertical
2	4154.3077	51.30	-61.51	-25.00	36.51	Vertical
3	5829.1415	50.65	-56.80	-25.00	31.80	Vertical
4	8995.0498	48.07	-50.90	-25.00	25.90	Vertical
5	12409.220	46.95	-47.15	-25.00	22.15	Vertical
6	17995.499	49.62	-44.17	-25.00	19.17	Vertical



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7.19. Test Band = _41 ANT4

7.19.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2999.7500	20.64	-43.82	-25.00	18.82	Horizontal
2	4482.0741	51.22	-60.61	-25.00	35.61	Horizontal
3	5698.6349	50.55	-56.25	-25.00	31.25	Horizontal
4	7491.2246	50.40	-51.70	-25.00	26.70	Horizontal
5	11936.6968	47.20	-47.50	-25.00	22.50	Horizontal
6	17992.499	49.10	-44.62	-25.00	19.62	Horizontal



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7.20. Test Band = _41 ANT4

7.20.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2996.2495	20.82	-43.75	-25.00	18.75	Vertical
2	4715.3358	51.22	-59.65	-25.00	34.65	Vertical
3	7491.2246	54.23	-47.87	-25.00	22.87	Vertical
4	10162.108	47.05	-50.57	-25.00	25.57	Vertical
5	14045.052	46.27	-45.75	-25.00	20.75	Vertical
6	17930.996	48.36	-44.54	-25.00	19.54	Vertical



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7.21. Test Band = _41 ANT4

7.21.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2949.4937	20.75	-43.95	-25.00	18.95	Horizontal
2	3904.5452	52.07	-61.79	-25.00	36.79	Horizontal
3	5692.6346	50.16	-56.72	-25.00	31.72	Horizontal
4	7488.9744	49.76	-52.36	-25.00	27.36	Horizontal
5	10625.631	47.55	-49.30	-25.00	24.30	Horizontal
6	17929.496	48.76	-44.14	-25.00	19.14	Horizontal



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7.22. Test Band = _41 ANT4

7.22.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2982.2478	20.86	-43.87	-25.00	18.87	Vertical
2	4422.0711	51.34	-60.82	-25.00	35.82	Vertical
3	7135.7068	49.44	-53.73	-25.00	28.73	Vertical
4	10634.631	47.67	-49.18	-25.00	24.18	Vertical
5	14038.301	46.32	-45.81	-25.00	20.81	Vertical
6	17945.997	48.59	-44.26	-25.00	19.26	Vertical



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7.23. Test Band = _41 ANT4

7.23.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2996.9996	20.72	-43.83	-25.00	18.83	Horizontal
2	4440.8220	51.47	-60.55	-25.00	35.55	Horizontal
3	6224.4112	50.28	-56.00	-25.00	31.00	Horizontal
4	8395.7698	49.12	-51.90	-25.00	26.90	Horizontal
5	12438.471	46.82	-47.03	-25.00	22.03	Horizontal
6	17949.747	48.82	-44.01	-25.00	19.01	Horizontal



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7.24. Test Band = _41 ANT4

7.24.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2995.4994	20.81	-43.78	-25.00	18.78	Vertical
2	3939.0470	52.14	-61.68	-25.00	36.68	Vertical
3	5693.3847	50.62	-56.25	-25.00	31.25	Vertical
4	9049.8025	48.20	-50.93	-25.00	25.93	Vertical
5	13380.519	46.31	-46.24	-25.00	21.24	Vertical
6	17990.249	49.27	-44.41	-25.00	19.41	Vertical

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		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	4.60	0.001836	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	8.00	0.003192	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	2.80	0.001117	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	2.20	0.000848	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	6.40	0.002468	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	7.00	0.002700	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	6.20	0.002313	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	5.60	0.002090	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	0.10	0.000037	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	2.40	0.000958	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	2.30	0.000918	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-1.80	-0.000718	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	7.70	0.002970	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	2.20	0.000848	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	5.10	0.001967	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	7.30	0.002724	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	5.10	0.001903	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	1.70	0.000634	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	5.70	0.002275	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	4.00	0.001596	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	2.80	0.001117	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	3.70	0.001427	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	5.10	0.001967	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	6.80	0.002622	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	4.60	0.001716	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	2.60	0.000970	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	6.20	0.002313	±2.5	PASS



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8.2. Frequency Vs Temperature

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	4.50	0.001796	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	7.70	0.003073	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	1.80	0.000718	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	1.40	0.000559	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-0.40	-0.000160	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	3.00	0.001197	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	2.60	0.001038	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	0.40	0.000160	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	7.70	0.003073	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	2.70	0.001041	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	6.80	0.002622	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	8.80	0.003394	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	1.30	0.000501	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	3.20	0.001234	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	4.70	0.001813	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	5.00	0.001928	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	3.50	0.001350	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	4.20	0.001620	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	2.30	0.000858	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-0.50	-0.000187	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	3.60	0.001343	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	3.50	0.001306	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	3.20	0.001194	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	13.80	0.005149	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	4.20	0.001567	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	6.50	0.002425	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	2.00	0.000746	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	6.60	0.002634	±2.5	PASS



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Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-1.90	-0.000758	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	0.80	0.000319	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	4.00	0.001596	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	1.00	0.000399	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	5.00	0.001995	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	4.70	0.001875	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	2.50	0.000998	±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	6.20	0.002391	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	4.50	0.001735	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	0.50	0.000193	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	1.90	0.000733	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	3.90	0.001504	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	6.60	0.002545	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-0.80	-0.000309	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	1.60	0.000617	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	2.60	0.000970	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	4.60	0.001716	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	6.90	0.002575	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	2.00	0.000746	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	2.70	0.001007	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	4.20	0.001567	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	0.10	0.000037	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	2.70	0.001007	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	9.30	0.003711	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	9.40	0.003751	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	8.00	0.003192	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	1.10	0.000439	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	8.20	0.003272	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	13.70	0.005467	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	7.10	0.002833	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	5.50	0.002195	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	8.90	0.003551	±2.5	PASS



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Band41	20MHz	64QAM	40620	100RB#0	NV	-30	3.30	0.001273	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	4.30	0.001658	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	6.40	0.002468	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-2.40	-0.000926	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	7.00	0.002700	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	-0.40	-0.000154	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	6.10	0.002352	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	6.90	0.002661	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	7.00	0.002700	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	3.50	0.001306	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	7.10	0.002649	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	-5.20	-0.001940	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	6.70	0.002500	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	8.00	0.002985	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	5.00	0.001866	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	6.90	0.002575	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	6.00	0.002239	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	2.50	0.000933	±2.5	PASS

The End



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