



Appendix B

E-UTRA Band 41



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT1:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.18	23.58	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.03	23.43	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.22	23.62	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.29	22.69	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.31	22.71	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.28	22.68	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.29	22.69	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.14	23.54	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.13	23.53	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.26	23.66	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.23	22.63	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.16	22.56	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.26	22.66	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.16	22.56	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.19	23.59	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	23.93	23.33	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	23.91	23.31	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	23.13	22.53	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.14	22.54	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.13	22.53	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	23.15	22.55	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	22.23	21.63	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	22.34	21.74	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	22.22	21.62	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.19	20.59	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.12	20.52	33.00	PASS



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Band41	5MHz	64QAM	39675	12RB#13	21.18	20.58	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.29	20.69	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	22.28	21.68	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	22.41	21.81	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	22.20	21.6	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.92	20.32	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.84	20.24	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.82	20.22	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.89	20.29	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	22.21	21.61	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	22.31	21.71	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	22.32	21.72	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.76	20.16	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.81	20.21	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.54	19.94	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.88	20.28	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.48	22.88	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.33	22.73	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.29	22.69	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.36	21.76	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.28	21.68	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.33	21.73	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.39	21.79	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.45	22.85	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.26	22.66	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.40	22.8	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.24	21.64	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.21	21.61	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.30	21.7	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.30	21.7	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	23.39	22.79	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	23.10	22.5	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.11	22.51	33.00	PASS



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Band41	5MHz	16QAM	41565	12RB#0	22.13	21.53	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	22.19	21.59	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	22.23	21.63	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	22.22	21.62	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.14	23.54	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.01	23.41	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.02	23.42	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.27	22.67	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.22	22.62	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.14	22.54	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.21	22.61	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.02	23.42	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.97	23.37	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.04	23.44	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.15	22.55	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	23.10	22.5	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.14	22.54	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.21	22.61	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.10	23.5	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	23.88	23.28	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.10	23.5	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	23.00	22.4	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	23.17	22.57	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.08	22.48	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	23.08	22.48	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	22.39	21.79	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	22.42	21.82	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	22.27	21.67	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	21.12	20.52	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	21.24	20.64	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	21.32	20.72	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	21.21	20.61	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	22.29	21.69	33.00	PASS



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Band41	10MHz	64QAM	40620	1RB#0	22.20	21.6	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	22.33	21.73	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.15	20.55	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.21	20.61	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	21.11	20.51	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.19	20.59	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	22.26	21.66	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	22.22	21.62	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	22.31	21.71	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.25	20.65	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.32	20.72	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.33	20.73	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	21.24	20.64	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.30	22.7	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.20	22.6	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.27	22.67	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.13	21.53	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.15	21.55	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.14	21.54	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.25	21.65	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.22	22.62	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.20	22.6	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.31	22.71	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.14	21.54	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.19	21.59	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.27	21.67	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.17	21.57	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.10	22.5	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.16	22.56	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	23.11	22.51	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.88	21.28	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.01	21.41	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	22.09	21.49	33.00	PASS



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Band41	10MHz	16QAM	41540	50RB#0	22.11	21.51	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.24	23.64	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.08	23.48	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.10	23.5	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	23.34	22.74	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	23.33	22.73	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	23.28	22.68	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.35	22.75	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.15	23.55	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.07	23.47	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.19	23.59	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	23.27	22.67	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	23.22	22.62	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	23.28	22.68	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.26	22.66	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	24.15	23.55	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.00	23.4	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	24.18	23.58	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	23.09	22.49	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	23.23	22.63	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	23.16	22.56	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	23.23	22.63	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	22.26	21.66	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	22.29	21.69	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	22.24	21.64	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	21.33	20.73	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	21.14	20.54	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	21.32	20.72	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	21.18	20.58	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	22.23	21.63	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	22.30	21.7	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	22.35	21.75	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	21.23	20.63	33.00	PASS



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Band41	15MHz	64QAM	40620	36RB#0	21.31	20.71	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	21.28	20.68	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.14	20.54	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	22.20	21.6	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	22.39	21.79	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	22.35	21.75	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	20.70	20.1	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	20.91	20.31	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	20.74	20.14	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	20.70	20.1	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.40	22.8	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.29	22.69	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.42	22.82	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	22.22	21.62	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	22.29	21.69	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	22.28	21.68	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.38	21.78	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.35	22.75	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.29	22.69	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.42	22.82	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	22.23	21.63	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	22.25	21.65	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	22.34	21.74	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.22	21.62	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.19	22.59	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	23.22	22.62	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.25	22.65	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	22.02	21.42	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	22.13	21.53	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	22.14	21.54	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	22.21	21.61	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	24.45	23.85	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.46	23.86	33.00	PASS



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Band41	20MHz	QPSK	39750	1RB#99	24.31	23.71	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.43	22.83	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.48	22.88	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.44	22.84	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.42	22.82	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.40	23.8	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.41	23.81	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.38	23.78	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.42	22.82	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.42	22.82	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.43	22.83	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.41	22.81	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	24.35	23.75	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	24.43	23.83	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	24.20	23.6	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.34	22.74	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.35	22.75	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	23.35	22.75	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.28	22.68	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	22.38	21.78	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	22.41	21.81	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	22.24	21.64	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	21.25	20.65	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.12	20.52	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	21.10	20.5	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.11	20.51	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	22.20	21.6	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	22.30	21.7	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	22.22	21.62	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	20.83	20.23	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.89	20.29	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.78	20.18	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.85	20.25	33.00	PASS



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Band41	20MHz	64QAM	41490	1RB#99	22.32	21.72	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	22.26	21.66	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	22.21	21.61	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	20.61	20.01	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.54	19.94	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.70	20.1	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.53	19.93	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.45	22.85	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.50	22.9	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.59	22.99	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.46	21.86	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.46	21.86	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.46	21.86	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.52	21.92	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.46	22.86	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.62	23.02	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.45	22.85	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.36	21.76	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.39	21.79	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.42	21.82	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.48	21.88	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.49	22.89	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.52	22.92	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	23.43	22.83	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	22.30	21.7	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.30	21.7	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.34	21.74	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.35	21.75	33.00	PASS

ANT5:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	23.41	21.91	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	23.36	21.86	33.00	PASS



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Band41	5MHz	QPSK	39675	1RB#24	23.29	21.79	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	22.54	21.04	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	22.50	21	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	22.57	21.07	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	22.49	20.99	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.33	21.83	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.20	21.7	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.23	21.73	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	22.41	20.91	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	22.33	20.83	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	22.47	20.97	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.29	20.79	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.88	21.38	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.68	21.18	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.66	21.16	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.92	20.42	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.84	20.34	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.85	20.35	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.78	20.28	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.11	19.61	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.13	19.63	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.26	19.76	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	20.42	18.92	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	20.19	18.69	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	20.46	18.96	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.29	18.79	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.09	19.59	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.06	19.56	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.12	19.62	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	20.45	18.95	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	20.22	18.72	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	20.33	18.83	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.41	18.91	33.00	PASS



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Band41	5MHz	64QAM	41565	1RB#0	21.20	19.7	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.34	19.84	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.30	19.8	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	20.35	18.85	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	20.31	18.81	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	20.48	18.98	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	20.18	18.68	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.52	21.02	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.43	20.93	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.46	20.96	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.54	20.04	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.50	20	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.52	20.02	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.48	19.98	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.54	21.04	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.41	20.91	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.49	20.99	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.36	19.86	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.38	19.88	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	21.38	19.88	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.37	19.87	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	22.07	20.57	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.83	20.33	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.79	20.29	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.94	19.44	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.90	19.4	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.86	19.36	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.88	19.38	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	23.41	21.91	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	23.20	21.7	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.32	21.82	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	22.46	20.96	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	22.41	20.91	33.00	PASS



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Band41	10MHz	QPSK	39700	25RB#25	22.50	21	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	22.54	21.04	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.25	21.75	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.20	21.7	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.44	21.94	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	22.34	20.84	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	22.26	20.76	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	22.36	20.86	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.34	20.84	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.71	21.21	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.67	21.17	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.68	21.18	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.71	20.21	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.86	20.36	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.71	20.21	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.85	20.35	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.14	19.64	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.29	19.79	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.18	19.68	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	20.38	18.88	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	20.31	18.81	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	20.26	18.76	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.43	18.93	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.18	19.68	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.13	19.63	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.29	19.79	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	20.22	18.72	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	20.37	18.87	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	20.44	18.94	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.22	18.72	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.37	19.87	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.08	19.58	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.35	19.85	33.00	PASS



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Band41	10MHz	64QAM	41540	25RB#25	20.45	18.95	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	20.44	18.94	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	20.22	18.72	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	20.35	18.85	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.58	21.08	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.53	21.03	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.51	21.01	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.46	19.96	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.42	19.92	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.47	19.97	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.55	20.05	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.38	20.88	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.40	20.9	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.51	21.01	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.33	19.83	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.29	19.79	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.40	19.9	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	21.48	19.98	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.93	20.43	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.86	20.36	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.86	20.36	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.73	19.23	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.76	19.26	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.72	19.22	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.89	19.39	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	23.42	21.92	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	23.22	21.72	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.40	21.9	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	22.56	21.06	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	22.49	20.99	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	22.48	20.98	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.51	21.01	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.26	21.76	33.00	PASS



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Band41	15MHz	QPSK	40620	1RB#38	23.20	21.7	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.27	21.77	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	22.35	20.85	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	22.26	20.76	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	22.37	20.87	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.35	20.85	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.78	21.28	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.54	21.04	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.65	21.15	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	21.81	20.31	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	21.77	20.27	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	21.71	20.21	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.84	20.34	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.29	19.79	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.25	19.75	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.21	19.71	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	20.27	18.77	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	20.28	18.78	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	20.26	18.76	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.41	18.91	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.38	19.88	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.35	19.85	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.05	19.55	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	20.31	18.81	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	20.43	18.93	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	20.22	18.72	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.16	18.66	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.26	19.76	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.23	19.73	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.19	19.69	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	20.33	18.83	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	20.35	18.85	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	20.23	18.73	33.00	PASS



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Band41	15MHz	64QAM	41515	75RB#0	20.43	18.93	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.62	22.12	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.62	22.12	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	23.53	22.03	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	22.67	21.17	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	22.68	21.18	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	22.62	21.12	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.65	21.15	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.43	21.93	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.55	22.05	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.45	21.95	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	22.53	21.03	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	22.53	21.03	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	22.53	21.03	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.49	20.99	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.90	21.4	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	22.97	21.47	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	22.79	21.29	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.92	20.42	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.98	20.48	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.89	20.39	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.89	20.39	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.15	19.65	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.11	19.61	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.05	19.55	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.33	18.83	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.37	18.87	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.33	18.83	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.27	18.77	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.08	19.58	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.06	19.56	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.39	19.89	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.41	18.91	33.00	PASS



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Band41	20MHz	QPSK	40620	50RB#25	20.36	18.86	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.40	18.9	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.23	18.73	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.35	19.85	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.12	19.62	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.11	19.61	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	20.35	18.85	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.36	18.86	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.47	18.97	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.39	18.89	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.15	19.65	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.11	19.61	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.05	19.55	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	20.33	18.83	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	20.37	18.87	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	20.33	18.83	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	20.27	18.77	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.08	19.58	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.06	19.56	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.39	19.89	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	20.41	18.91	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	20.36	18.86	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	20.40	18.9	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.23	18.73	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.35	19.85	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.12	19.62	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.11	19.61	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	20.35	18.85	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	20.36	18.86	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	20.47	18.97	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	20.39	18.89	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.69	21.19	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.73	21.23	33.00	PASS



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Band41	20MHz	16QAM	39750	1RB#99	22.78	21.28	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.64	20.14	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.58	20.08	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.62	20.12	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.68	20.18	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.56	21.06	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.73	21.23	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.58	21.08	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.48	19.98	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.55	20.05	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.52	20.02	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.57	20.07	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.86	20.36	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.08	20.58	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.88	20.38	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.95	19.45	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.93	19.43	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.89	19.39	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.91	19.41	33.00	PASS

Remark:

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

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

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



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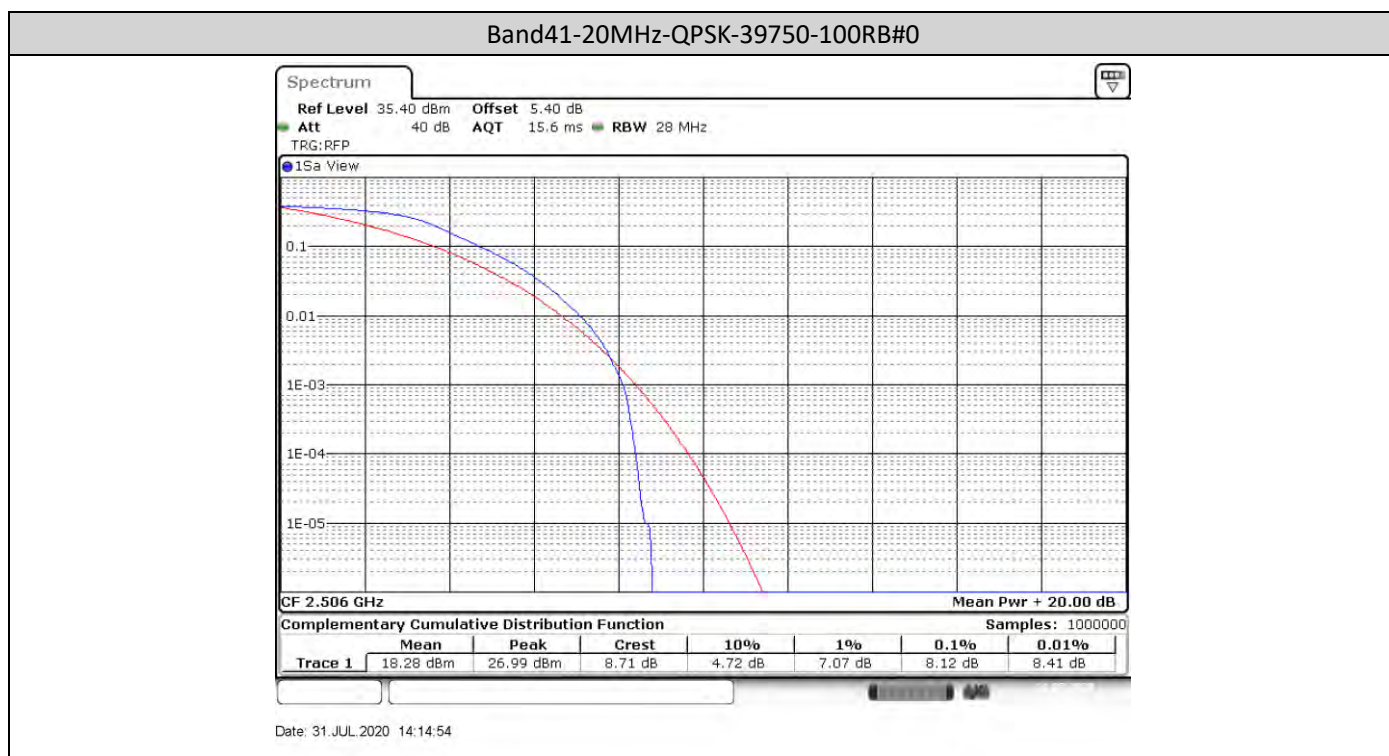


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.12	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.35	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.41	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	6.32	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.86	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.51	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.16	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.13	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.10	13	PASS

2.2. Test Plots



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



Date: 31 JUL 2020 14:15:17

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



Date: 31 JUL 2020 14:15:40

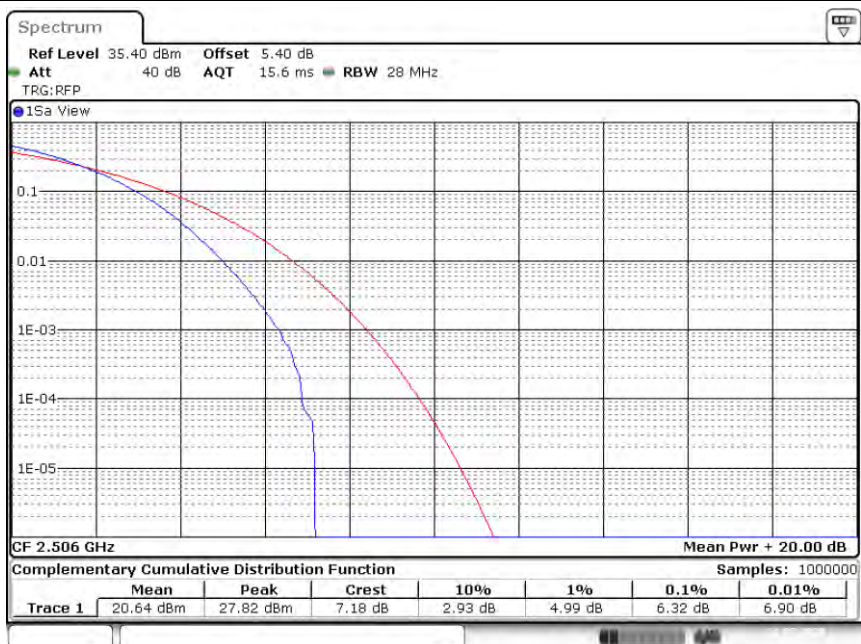


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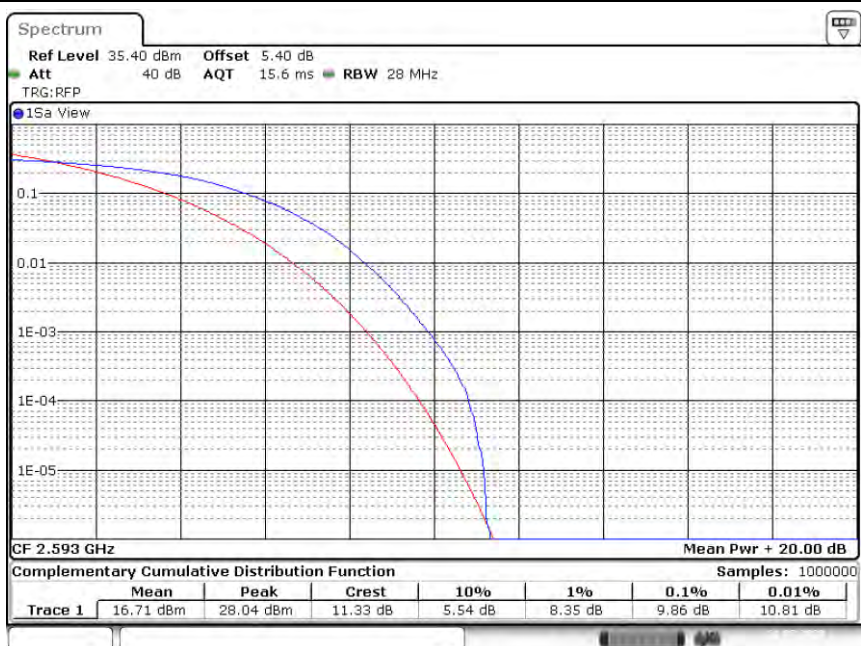


Band41-20MHz-64QAM-39750-100RB#0



Date: 31 JUL 2020 15:29:07

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



Date: 31 JUL 2020 15:29:19

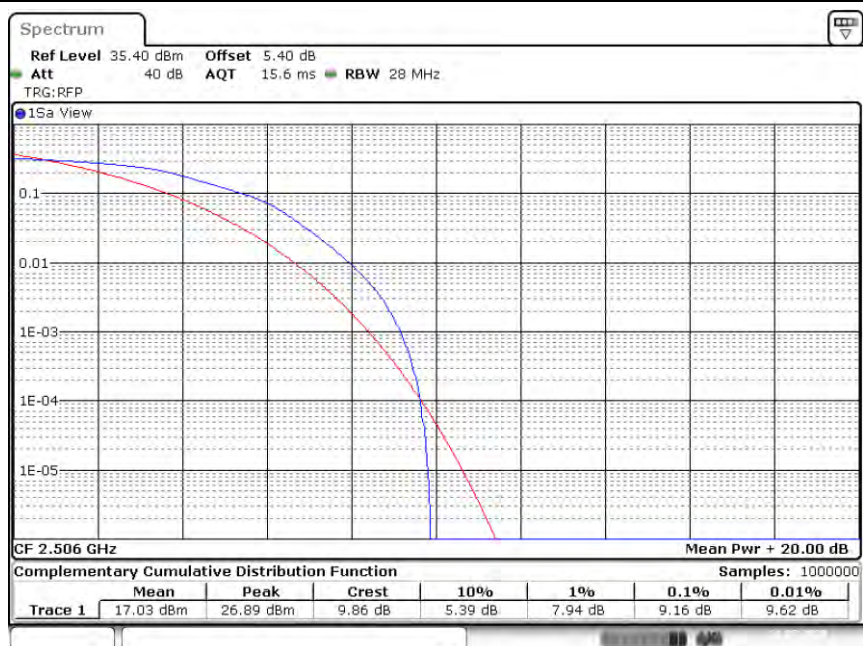


Band41-20MHz-64QAM-41490-100RB#0



Date: 31 JUL 2020 15:29:30

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



Date: 31 JUL 2020 14:15:05

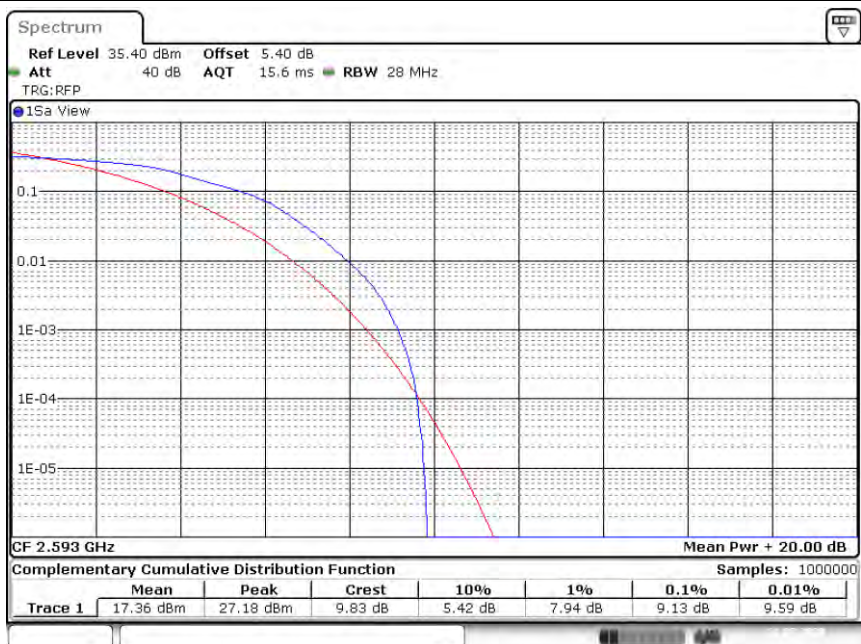


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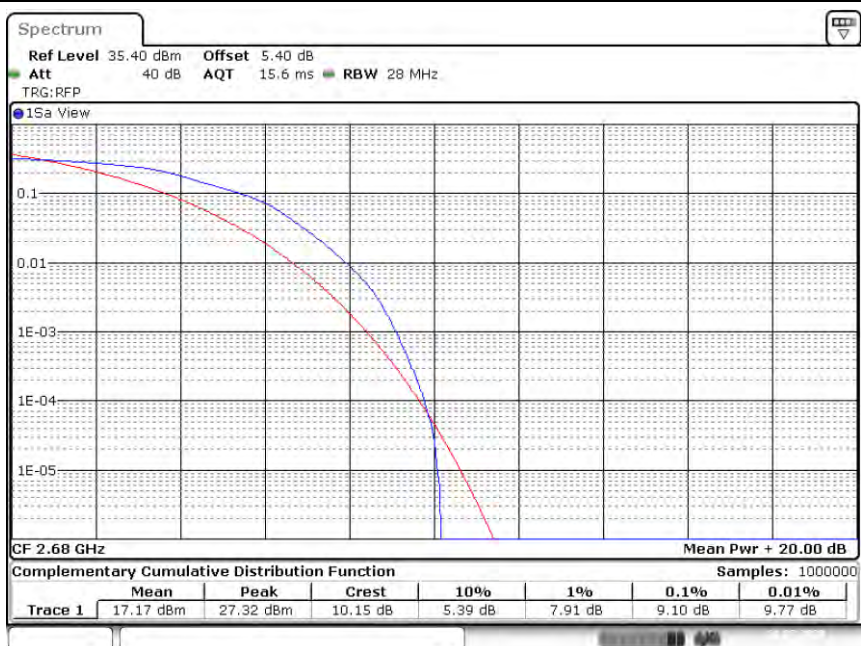


Band41-20MHz-16QAM-40620-100RB#0



Date: 31 JUL 2020 14:15:28

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



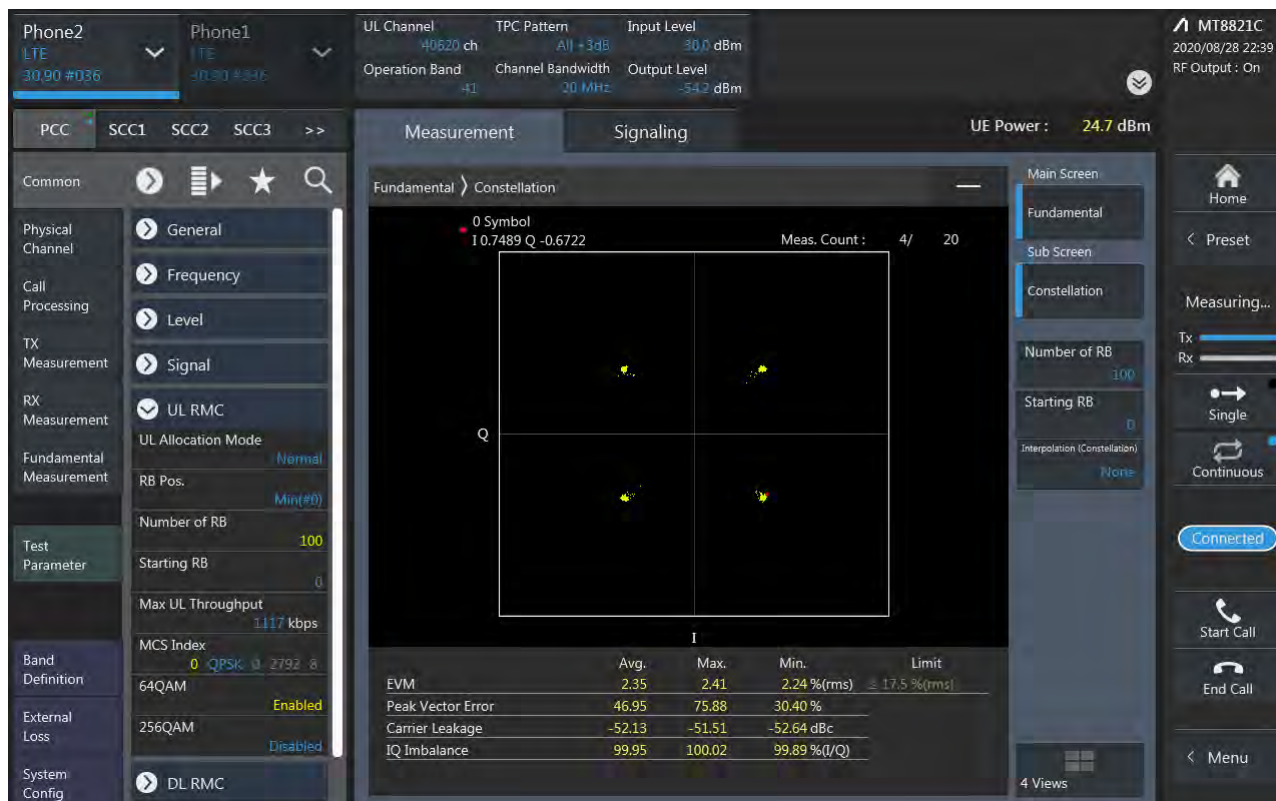
Date: 31 JUL 2020 14:15:51



3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

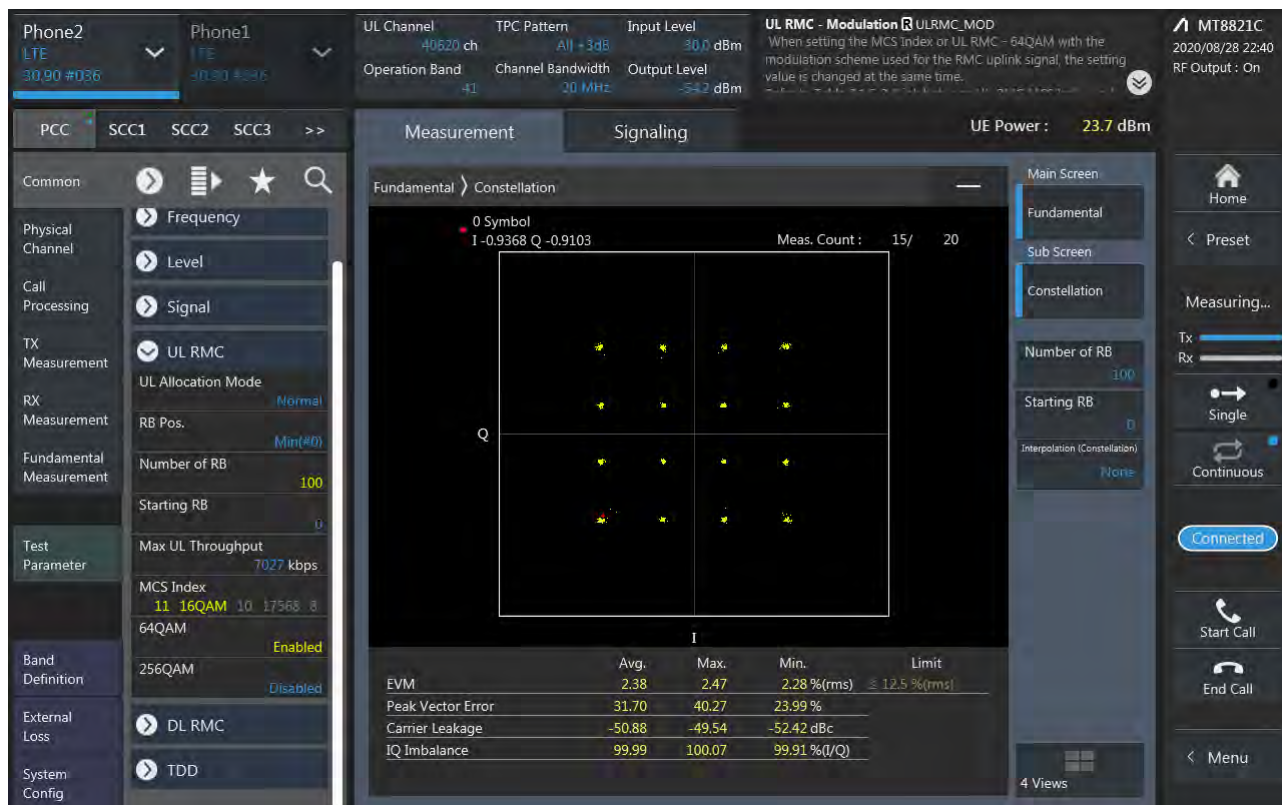
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

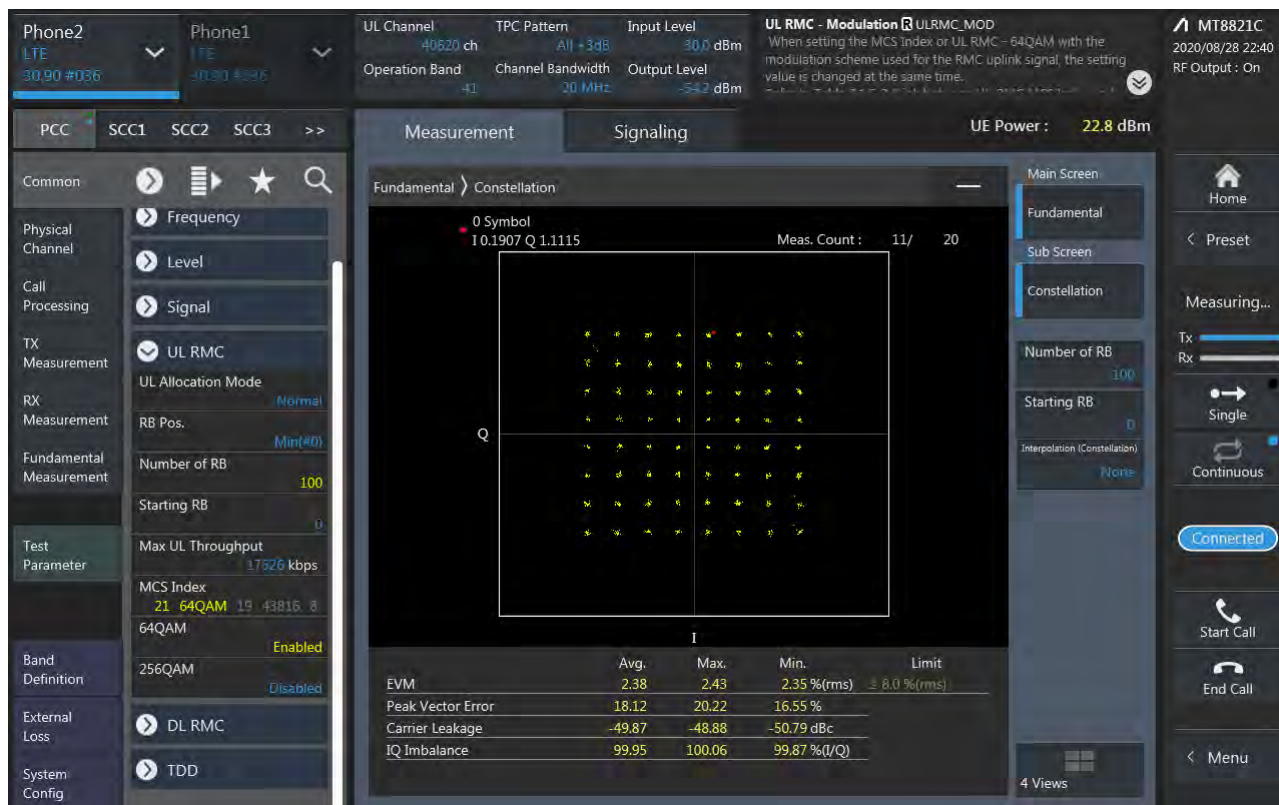
3.2.1. Test Channel = MCH





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	4.476	4.900	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.476	4.880	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.880	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.486	5.030	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.486	5.030	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.486	5.040	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.930	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.930	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.940	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.911	9.660	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.680	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.911	9.680	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.931	9.840	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.951	9.900	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.931	9.920	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.931	9.700	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.911	9.660	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.931	9.720	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.516	16.020	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.516	16.530	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.516	16.140	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.457	15.390	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.487	15.300	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.457	15.330	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.457	15.180	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.487	15.240	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.516	16.050	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.942	20.120	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.942	20.000	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.942	20.080	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.942	19.720	PASS



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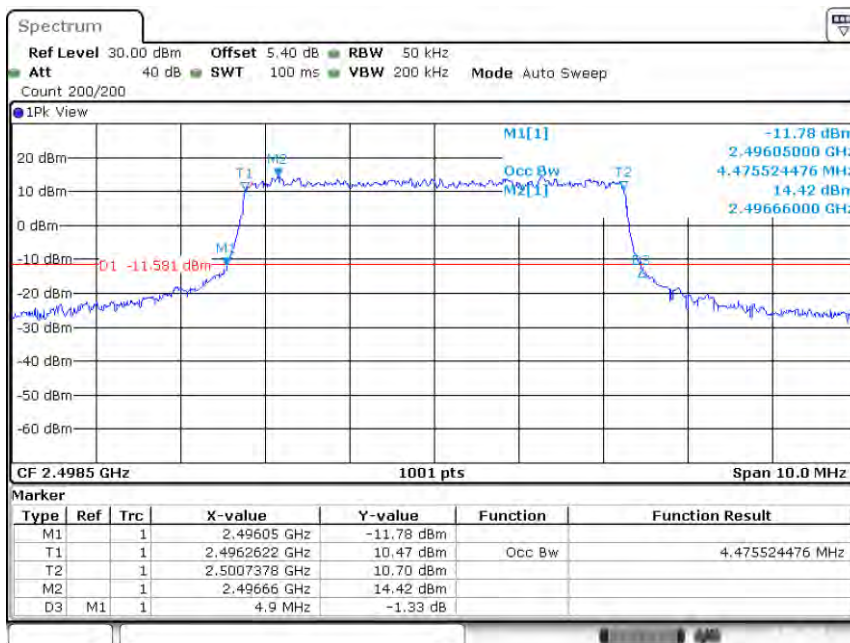
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Band41	20MHz	64QAM	40620	100RB#0	17.902	19.720	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.902	19.800	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.942	19.760	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.902	19.880	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.840	PASS

4.2. Test Plots

Band41-5MHz-QPSK-39675-25RB#0-4.476



Date: 31 JUL 2020 15:51:48



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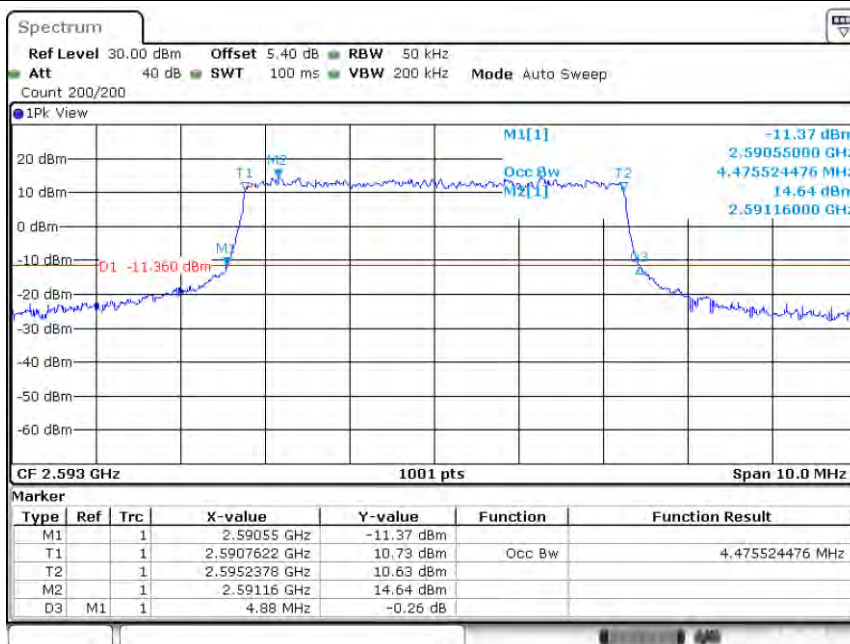
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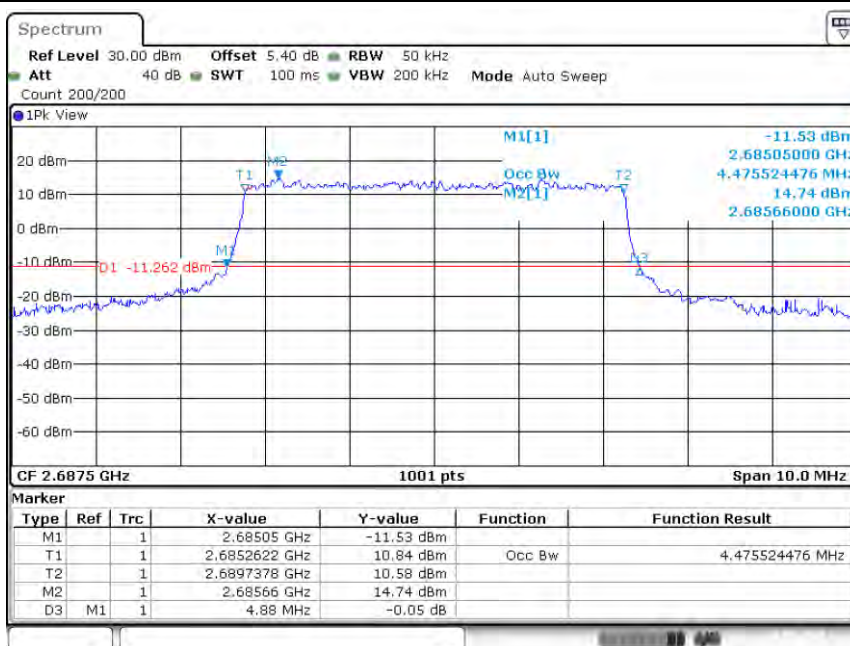


Band41-5MHz-QPSK-40620-25RB#0-4.476



Date: 31 JUL 2020 15:53:43

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



Date: 31 JUL 2020 15:54:49

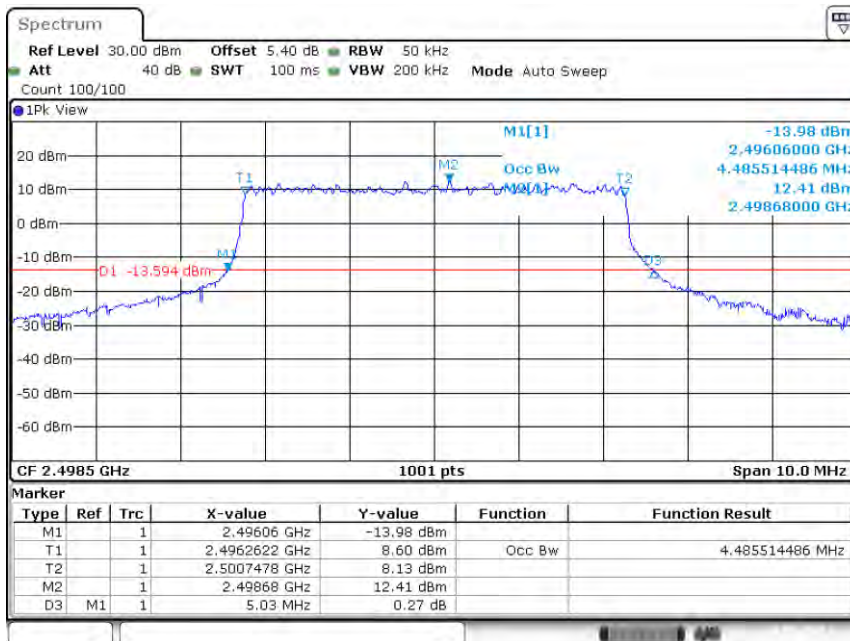


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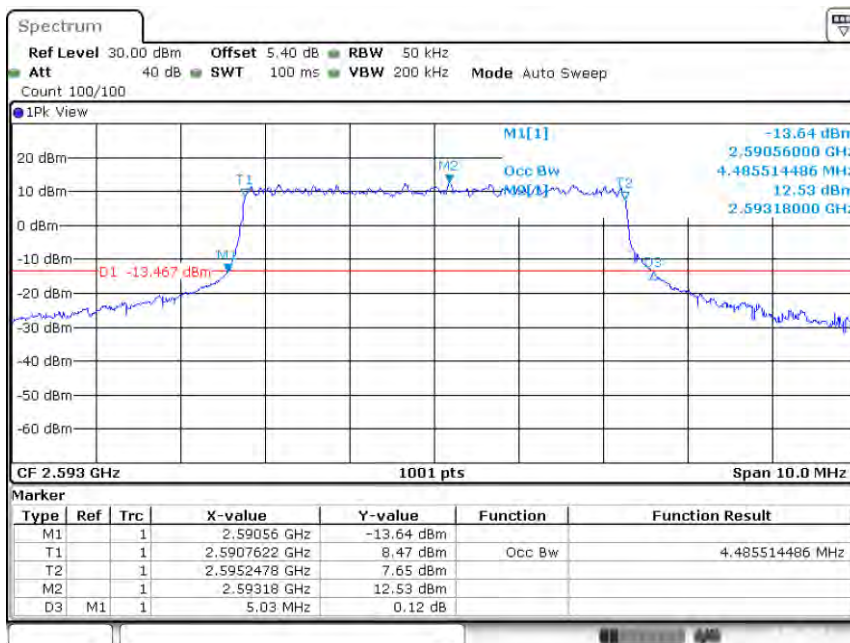


Band41-5MHz-64QAM-39675-25RB#0-4.486



Date: 31 JUL 2020 15:11:20

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Date: 31 JUL 2020 15:11:52

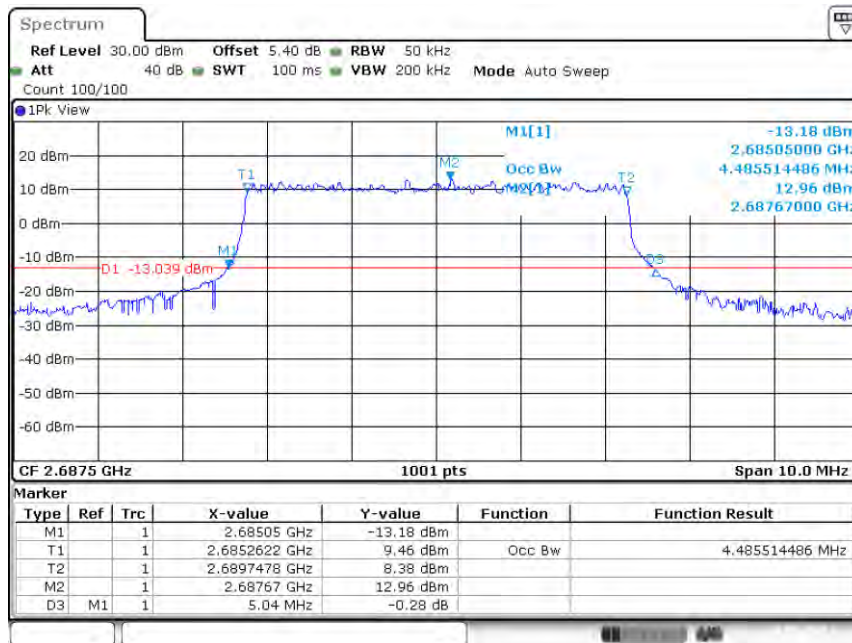


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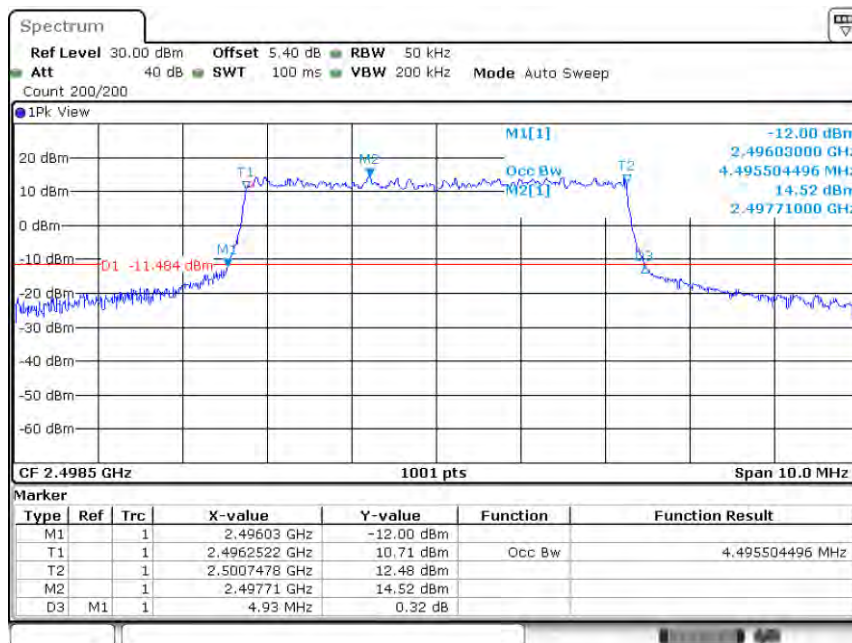


Band41-5MHz-64QAM-41565-25RB#0-4.486



Date: 31 JUL 2020 15:12:21

Band41-5MHz-16QAM-39675-25RB#0-4.496



Date: 25 AUG 2020 14:41:43

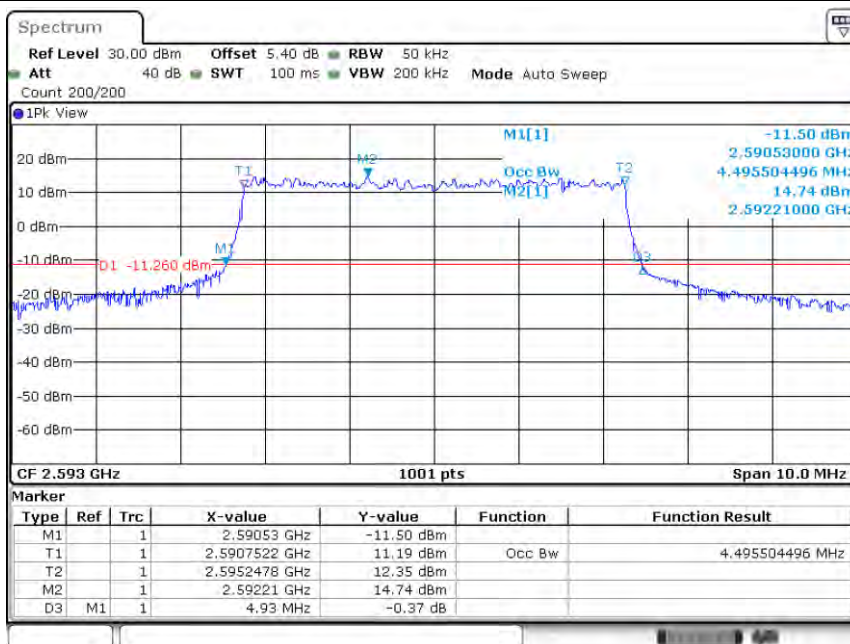


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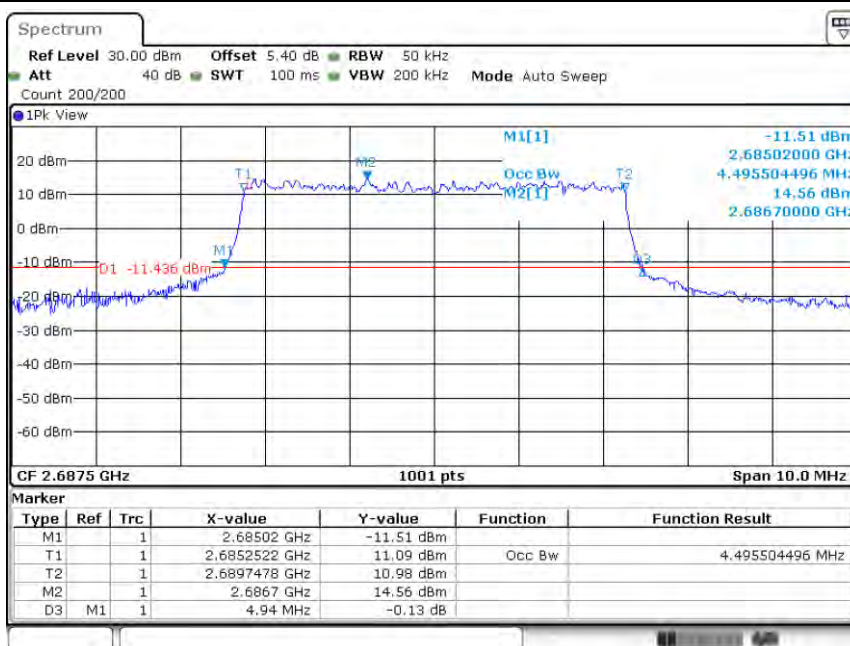


Band41-5MHz-16QAM-40620-25RB#0-4.496



Date: 25.AUG.2020 14:42:16

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



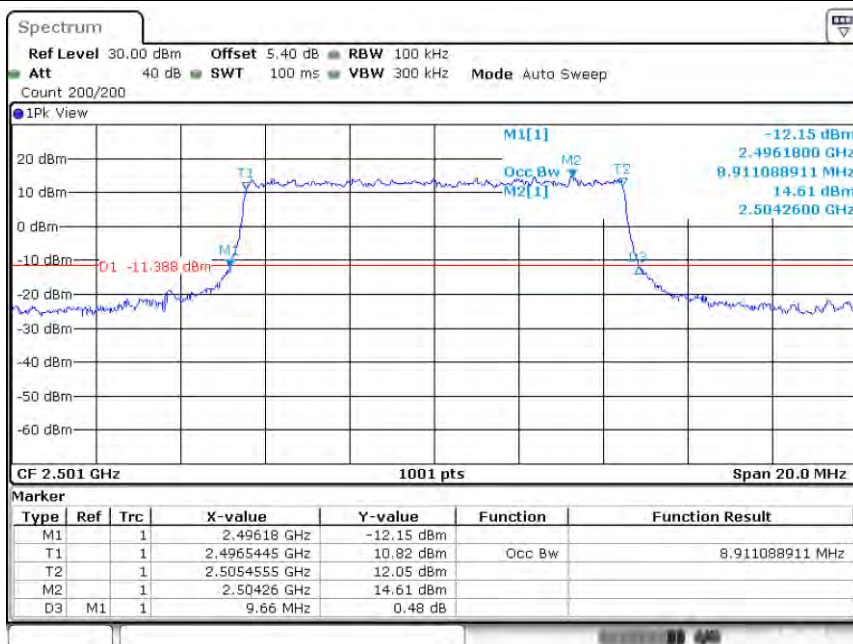
Date: 25.AUG.2020 14:42:49



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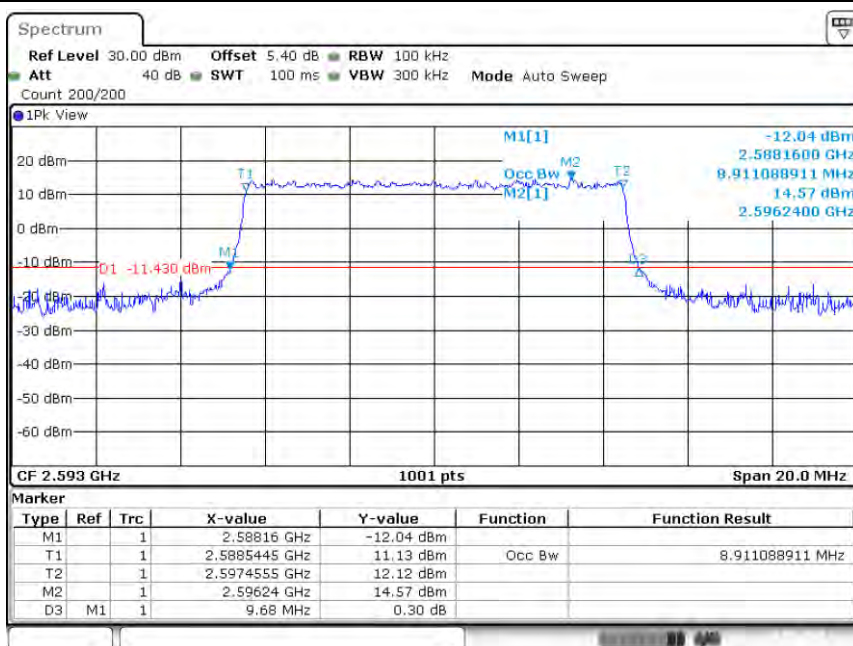
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Band41-10MHz-QPSK-39700-50RB#0-8.911



Date: 31 JUL 2020 15:55:59

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

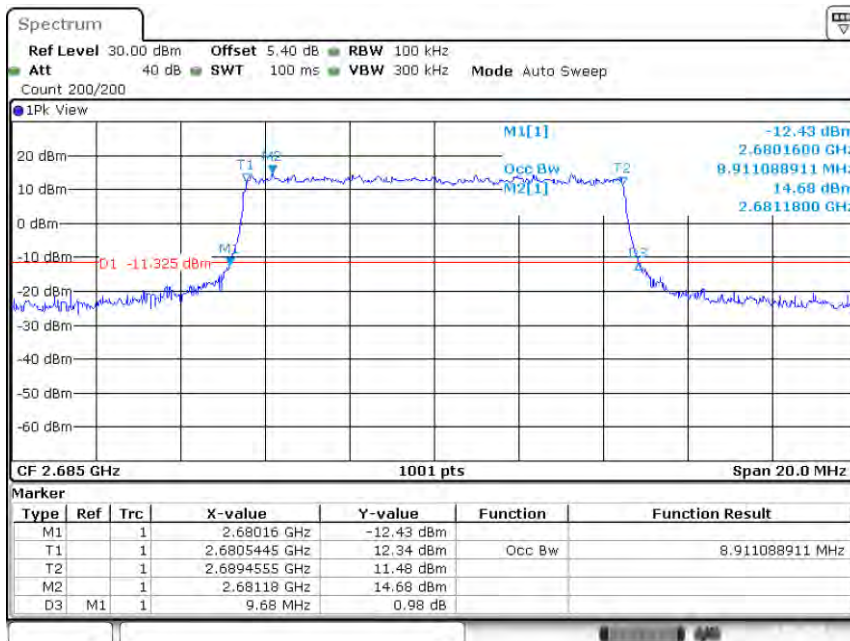


Date: 31 JUL 2020 15:57:04



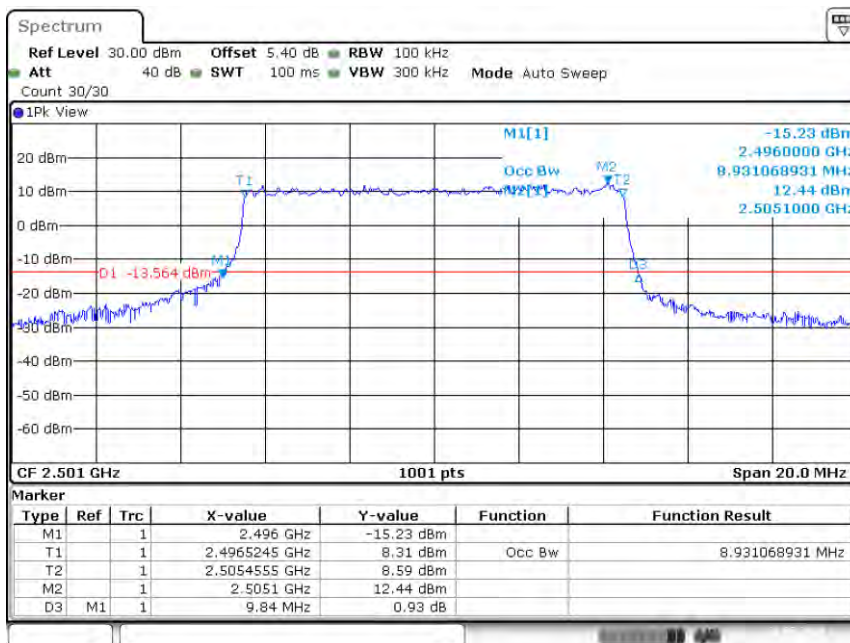


Band41-10MHz-QPSK-41540-50RB#0-8.911



Date: 31 JUL 2020 15:58:10

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



Date: 31 JUL 2020 15:13:22

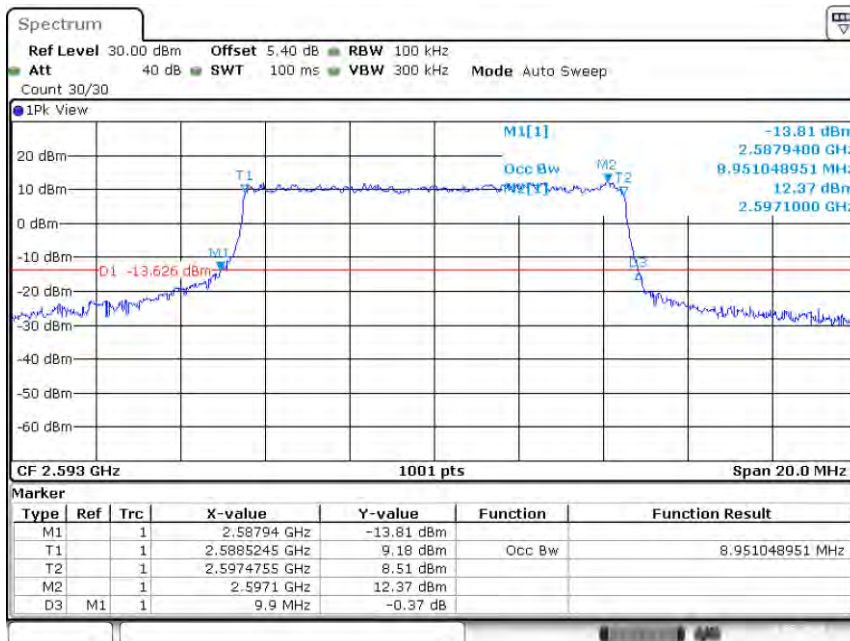


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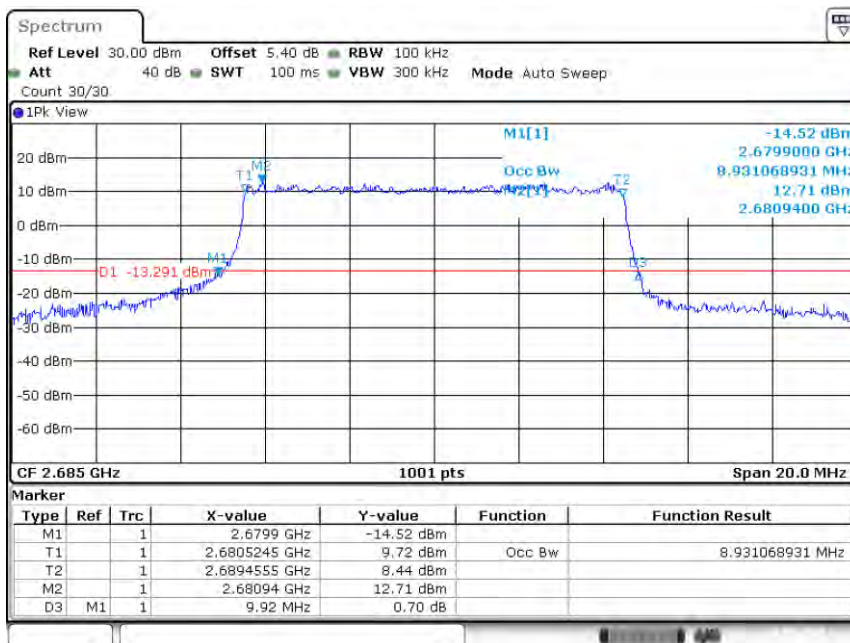


Band41-10MHz-64QAM-40620-50RB#0-8.951



Date: 31 JUL 2020 15:14:05

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



Date: 31 JUL 2020 15:14:30

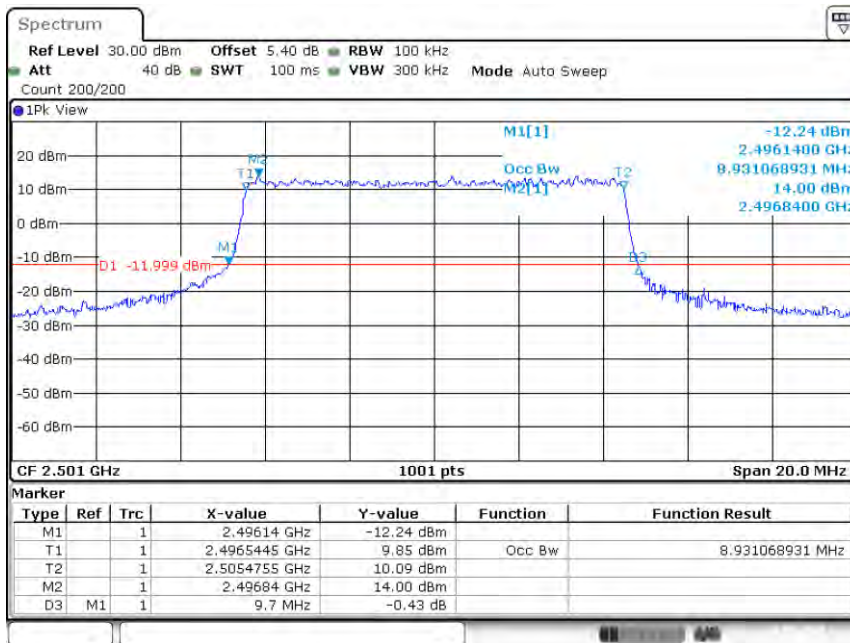


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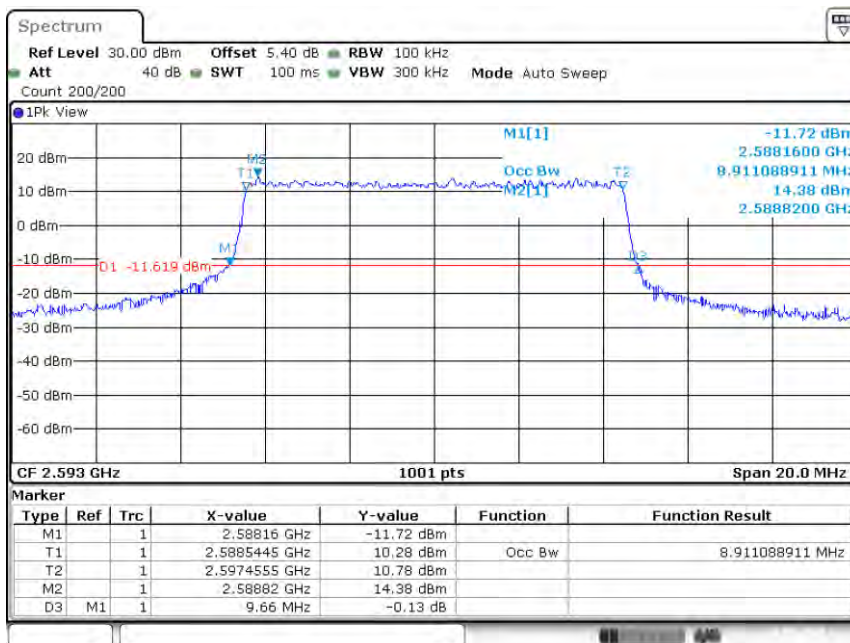


Band41-10MHz-16QAM-39700-50RB#0-8.931



Date: 31 JUL 2020 15:56:31

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



Date: 31 JUL 2020 15:57:37

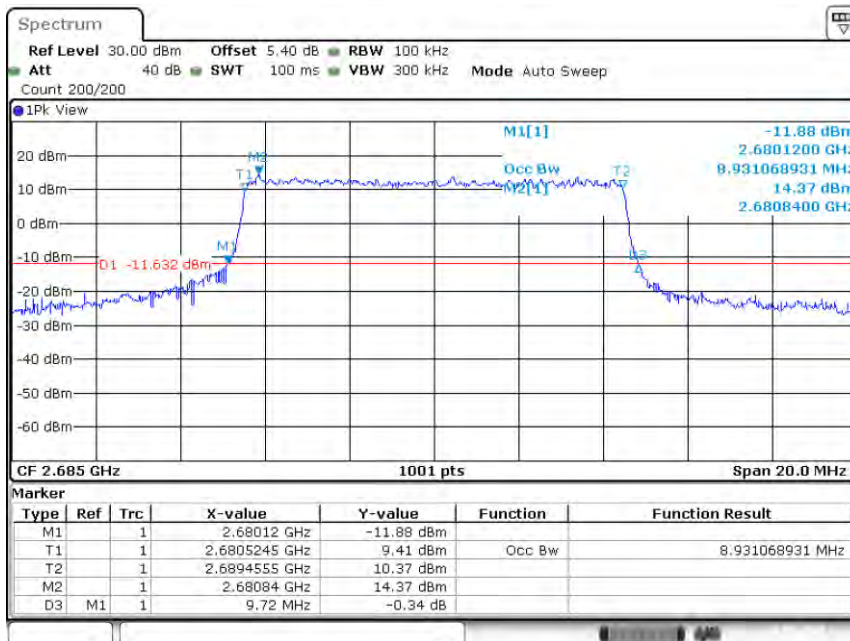


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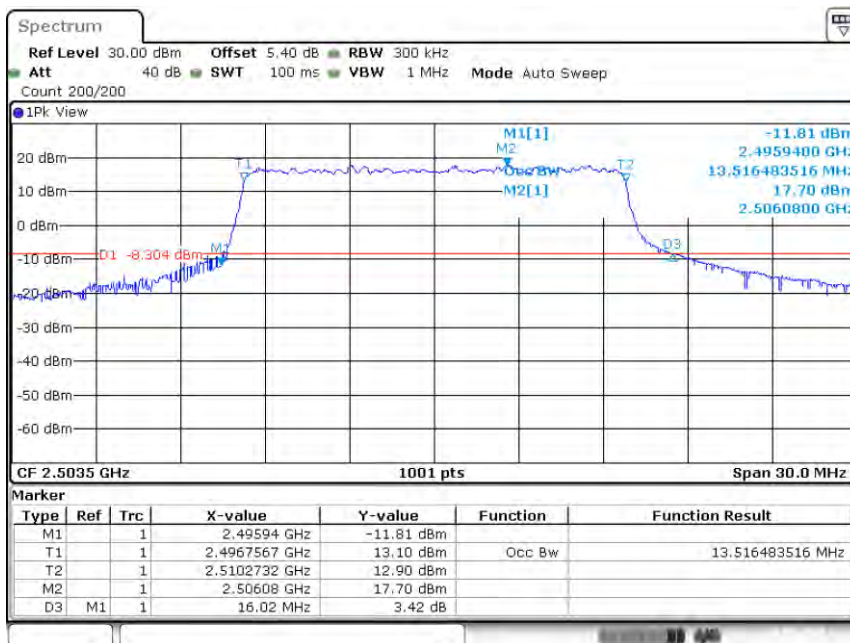


Band41-10MHz-16QAM-41540-50RB#0-8.931



Date: 31 JUL 2020 15:58:43

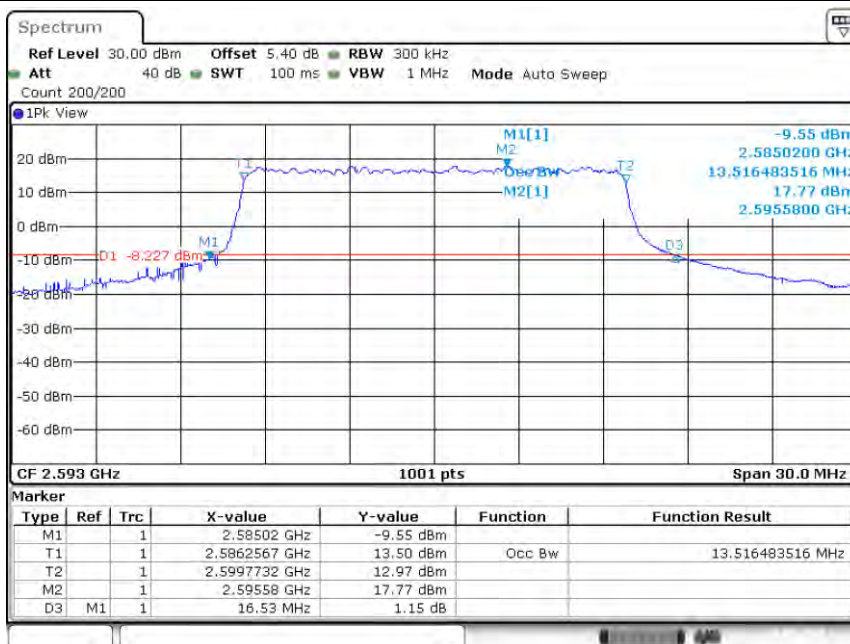
Band41-15MHz-QPSK-39725-75RB#0-13.516



Date: 31 JUL 2020 15:59:21

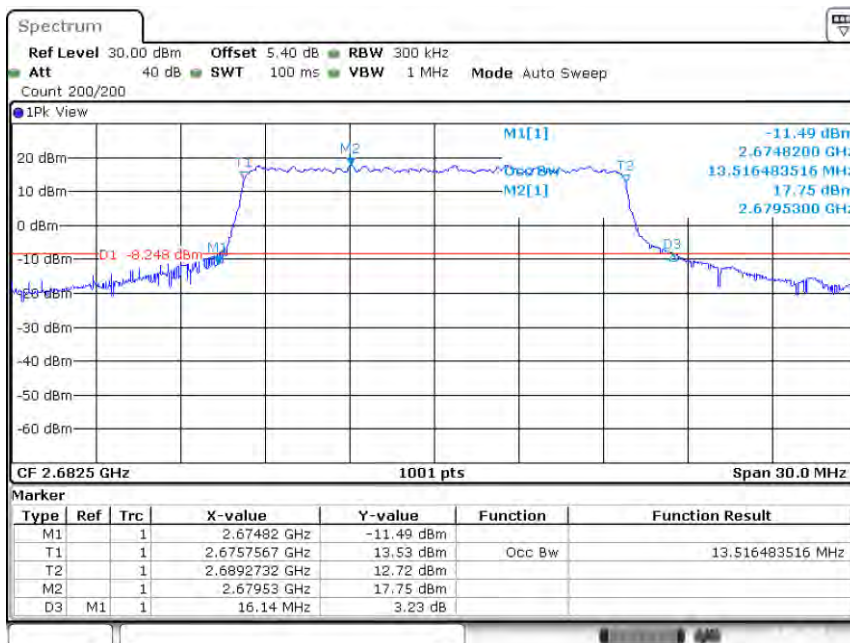


Band41-15MHz-QPSK-40620-75RB#0-13.516



Date: 31 JUL 2020 16:01:30

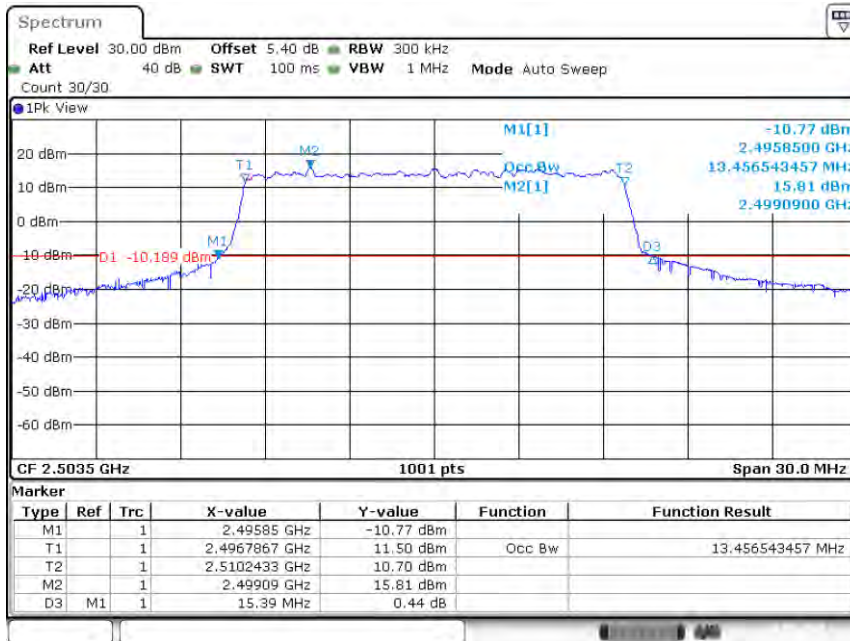
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Date: 31 JUL 2020 16:02:36

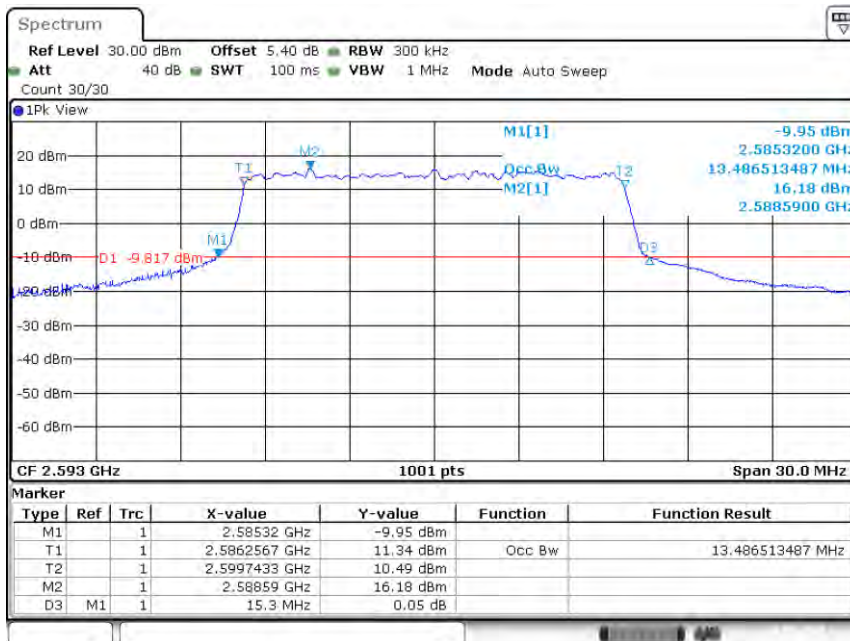


Band41-15MHz-64QAM-39725-75RB#0-13.457



Date: 31 JUL 2020 15:15:17

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



Date: 31 JUL 2020 15:17:26

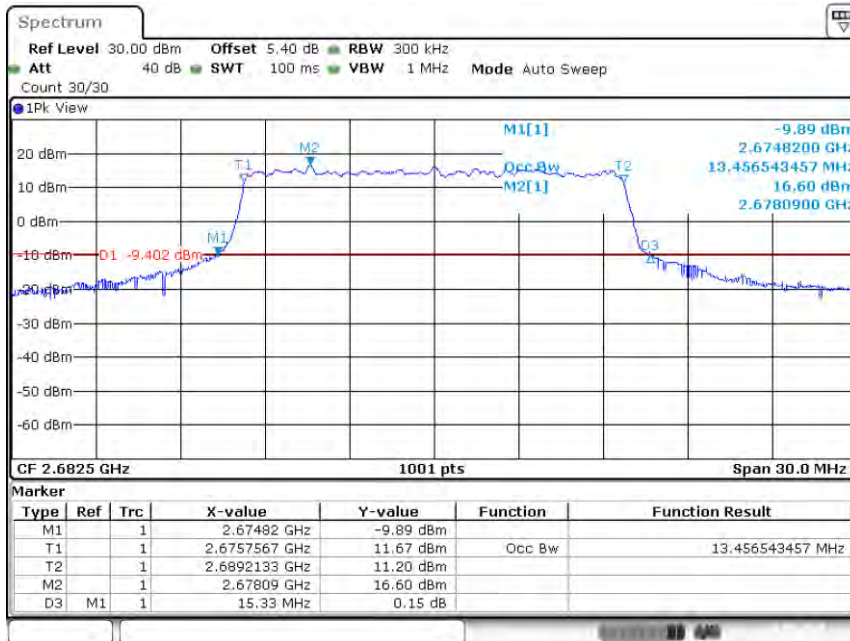


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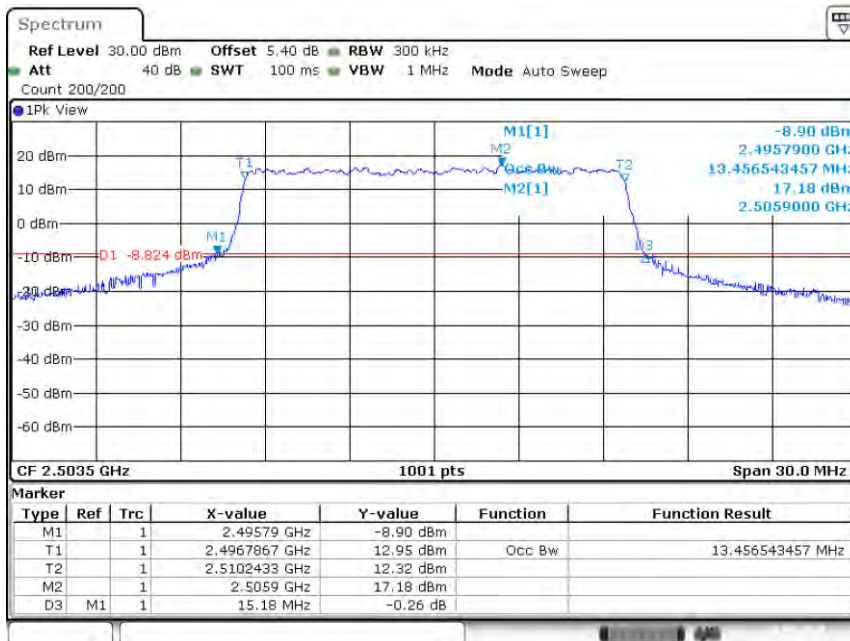


Band41-15MHz-64QAM-41515-75RB#0-13.457



Date: 31 JUL 2020 15:18:04

Band41-15MHz-16QAM-39725-75RB#0-13.457



Date: 31 JUL 2020 15:59:54

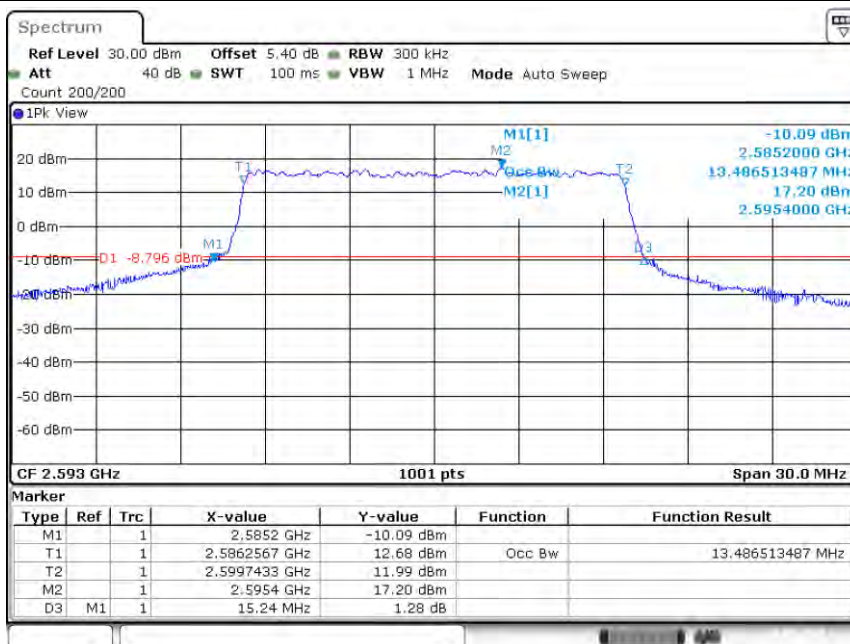


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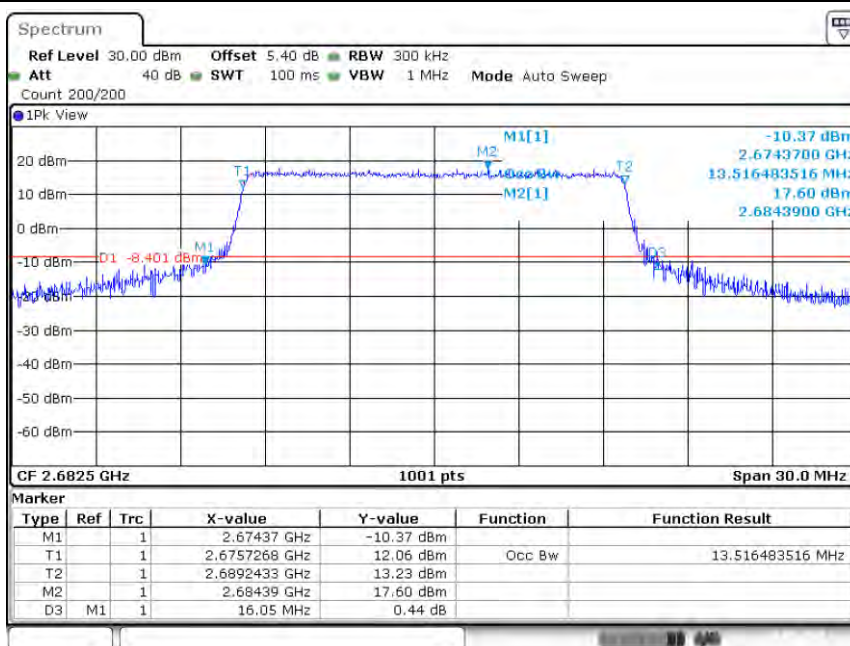


Band41-15MHz-16QAM-40620-75RB#0-13.487



Date: 31 JUL 2020 16:02:03

Band41-15MHz-16QAM-41515-75RB#0-13.516



Date: 31 JUL 2020 16:03:09

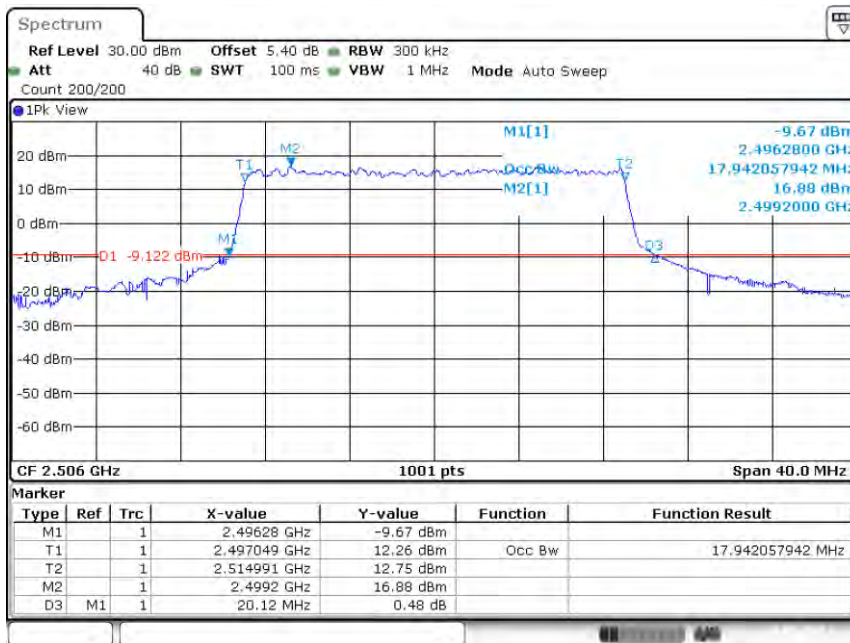


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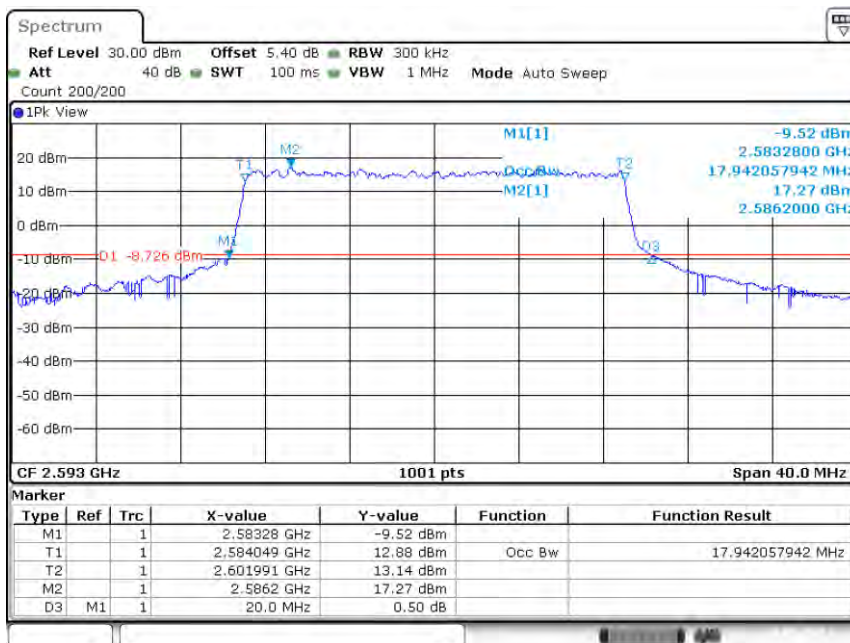


Band41-20MHz-QPSK-39750-100RB#0-17.942



Date: 31 JUL 2020 16:03:46

Band41-20MHz-QPSK-40620-100RB#0-17.942



Date: 31 JUL 2020 16:04:52

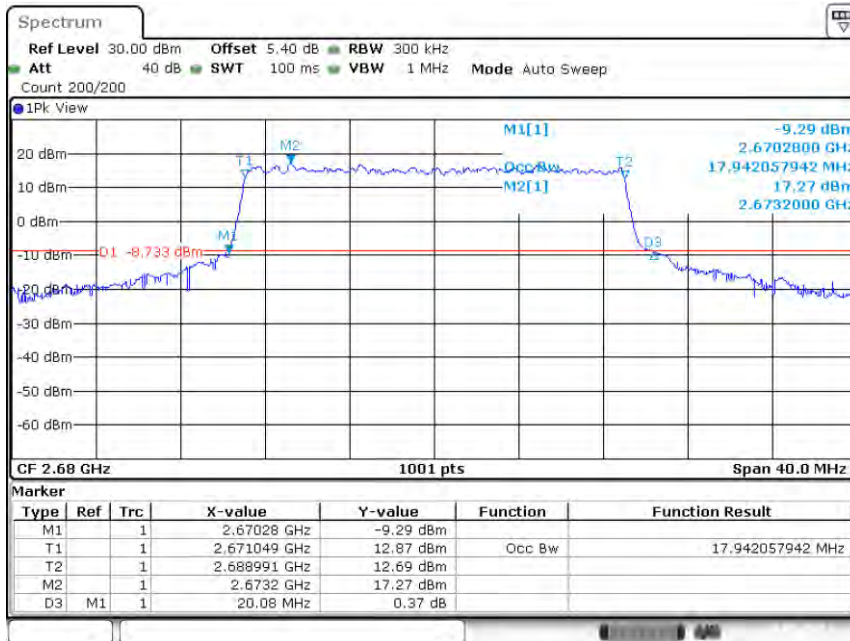


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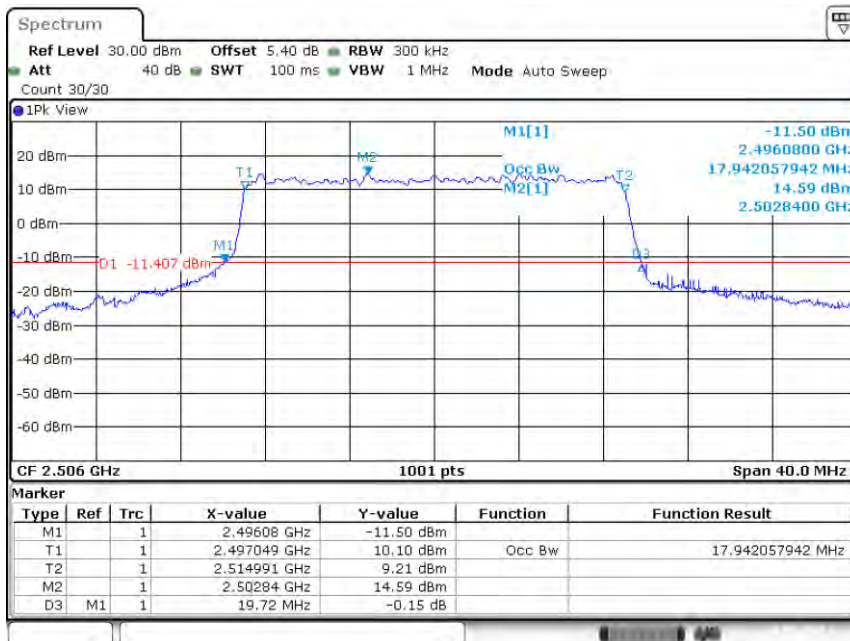


Band41-20MHz-QPSK-41490-100RB#0-17.942



Date: 31 JUL 2020 16:05:57

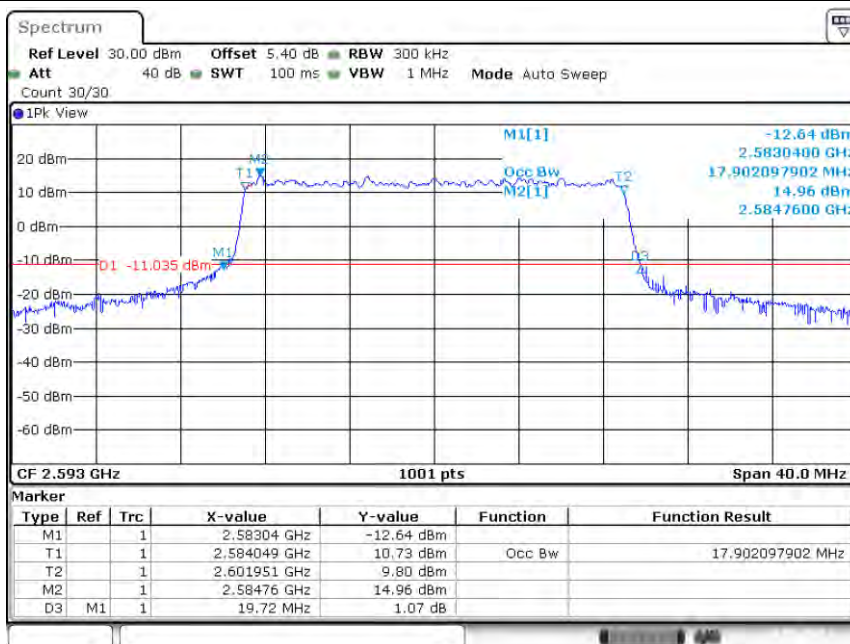
Band41-20MHz-64QAM-39750-100RB#0-17.942



Date: 31 JUL 2020 15:18:58

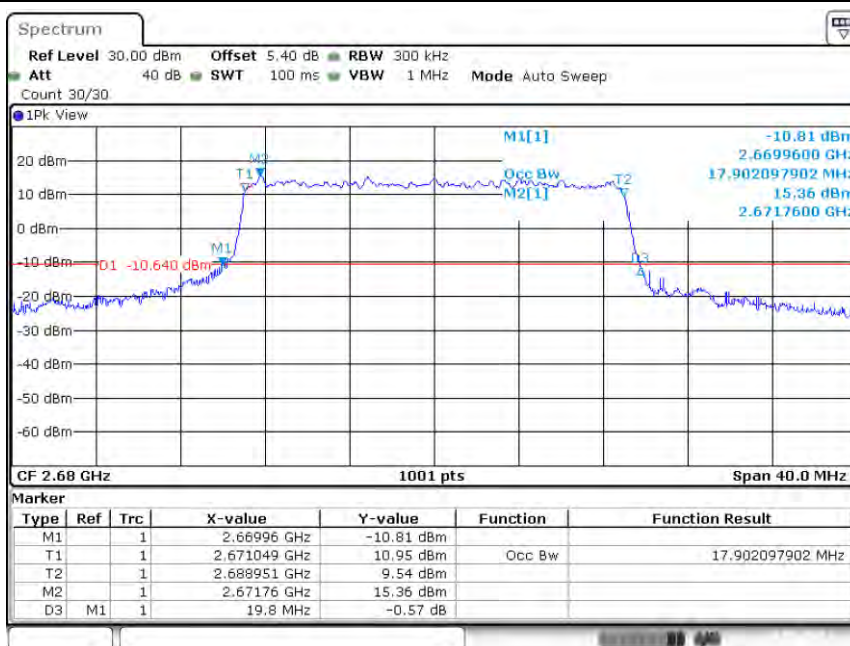


Band41-20MHz-64QAM-40620-100RB#0-17.902



Date: 31 JUL 2020 15:19:27

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

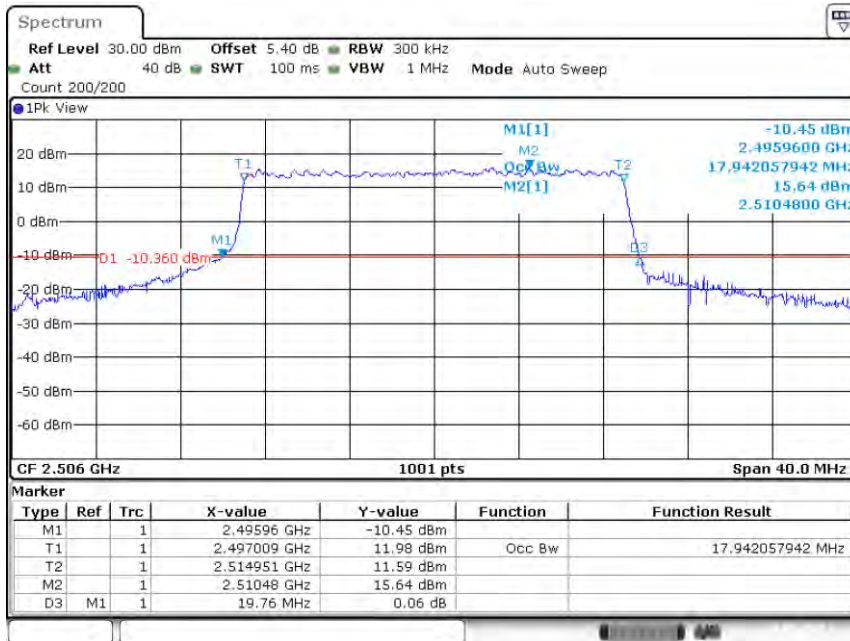


Date: 31 JUL 2020 15:19:58



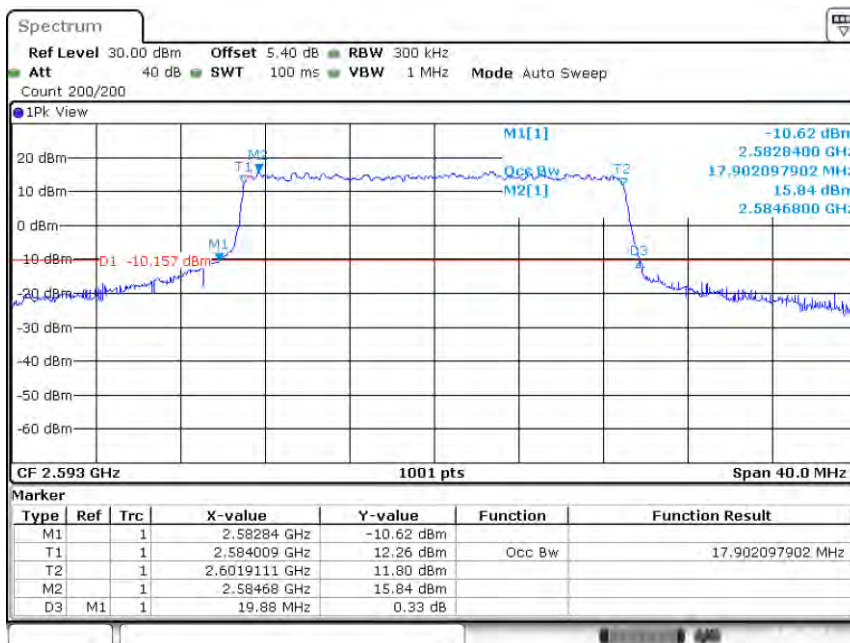


Band41-20MHz-16QAM-39750-100RB#0-17.942



Date: 31 JUL 2020 16:04:19

Band41-20MHz-16QAM-40620-100RB#0-17.902



Date: 31 JUL 2020 16:05:24

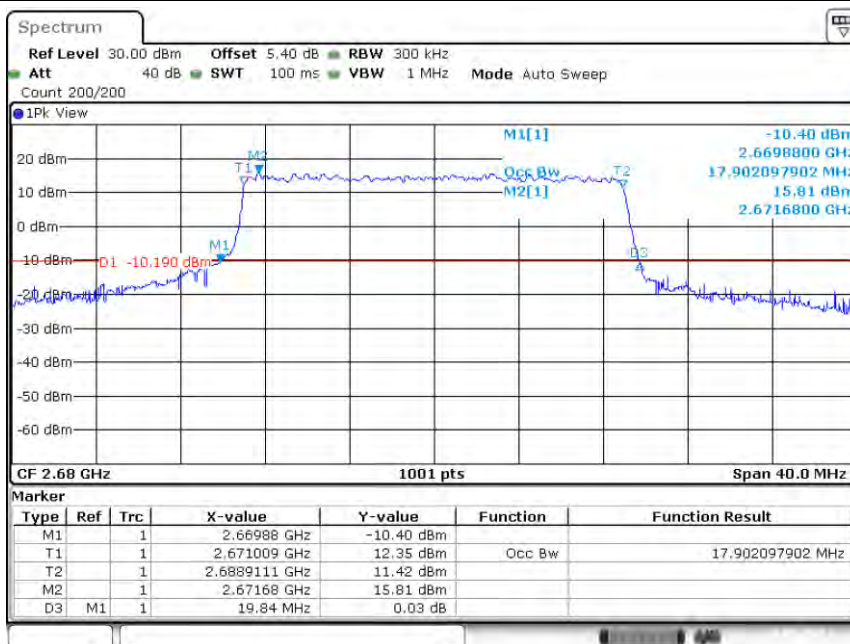


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Band41-20MHz-16QAM-41490-100RB#0-17.902



Date: 31 JUL 2020 16:06:30

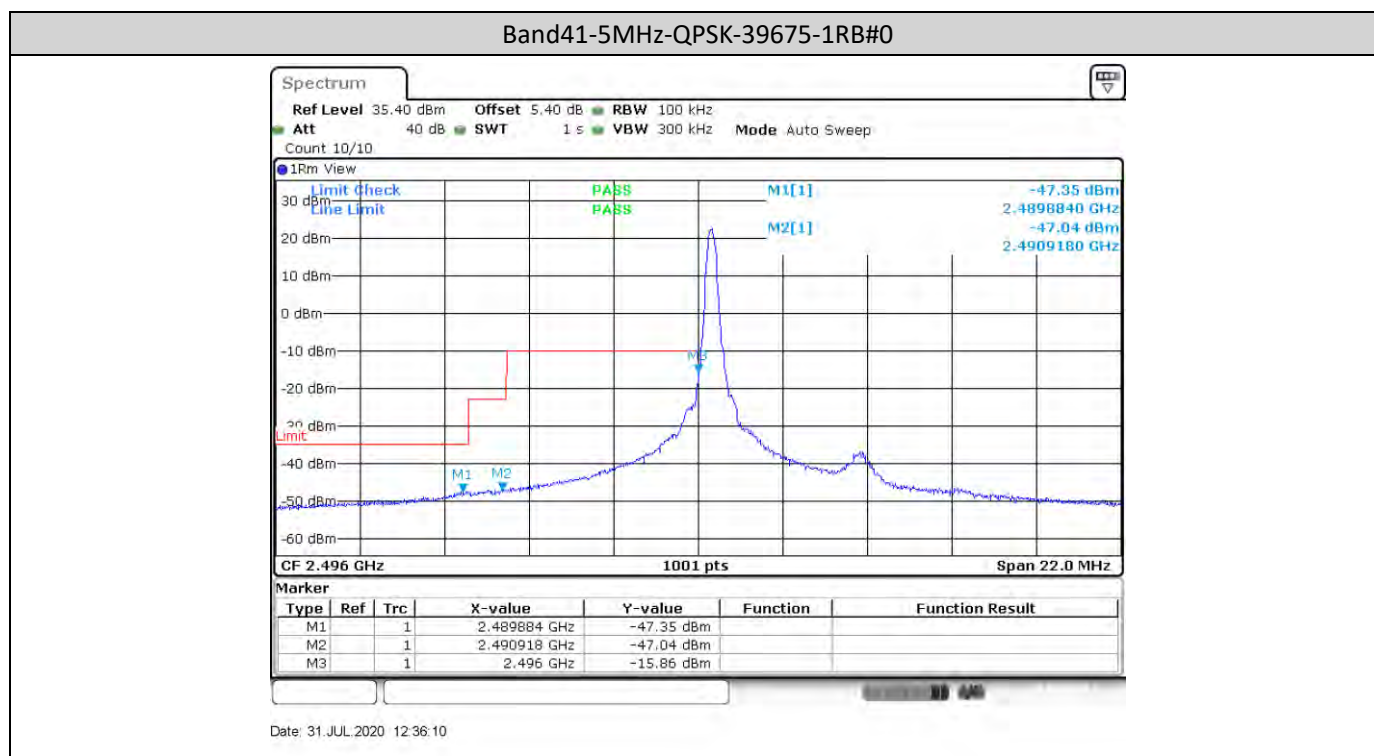




5. Band Edge Compliance

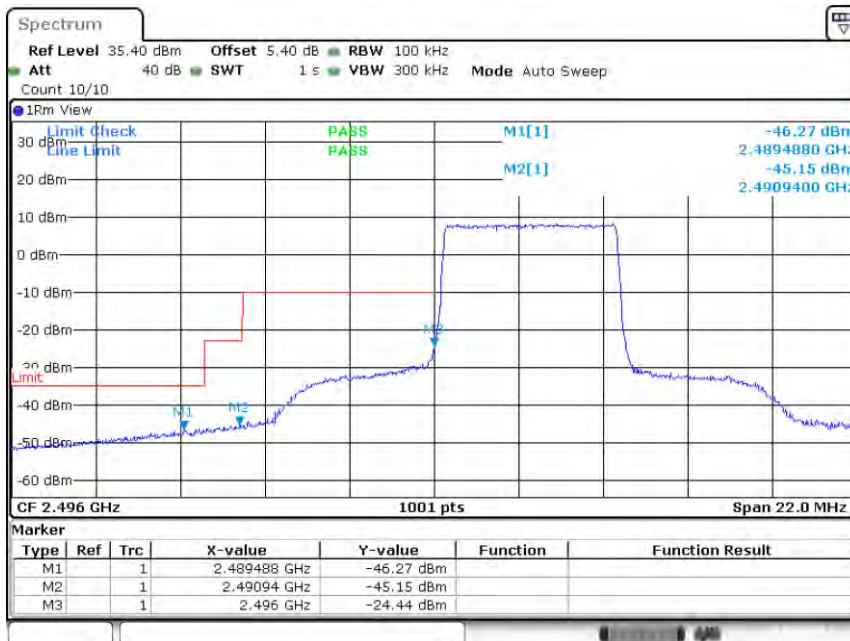
Remark: For Band Edge Compliance measurements, due to the measurement bandwidth is different to reference bandwidth. The limit has been adjusted by subtracting $10 \log[(\text{reference bandwidth}) / (\text{resolution or measurement bandwidth})]$ according to ANSI C63.26.

5.1. Test Plots



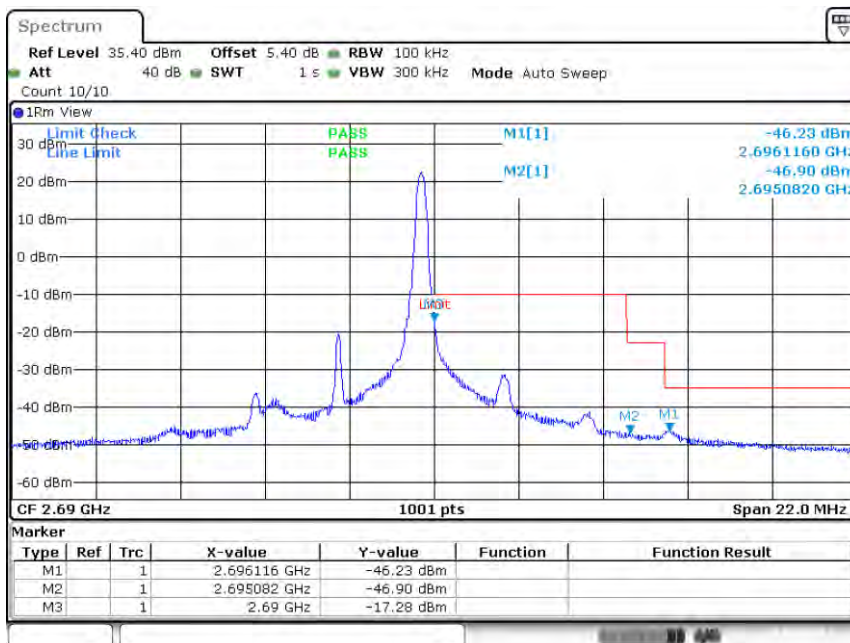


Band41-5MHz-QPSK-39675-25RB#0



Date: 31 JUL 2020 12:37:45

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

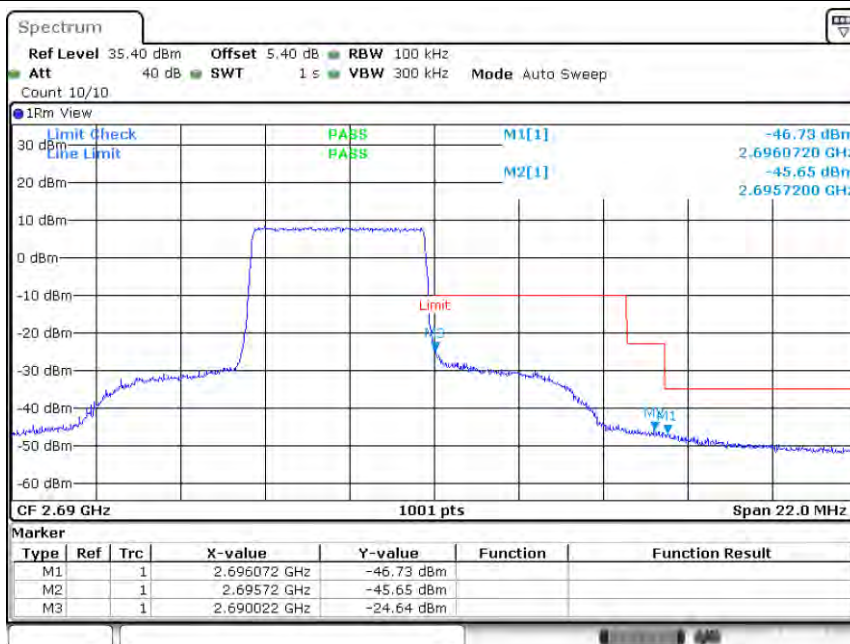


Date: 31 JUL 2020 12:36:57



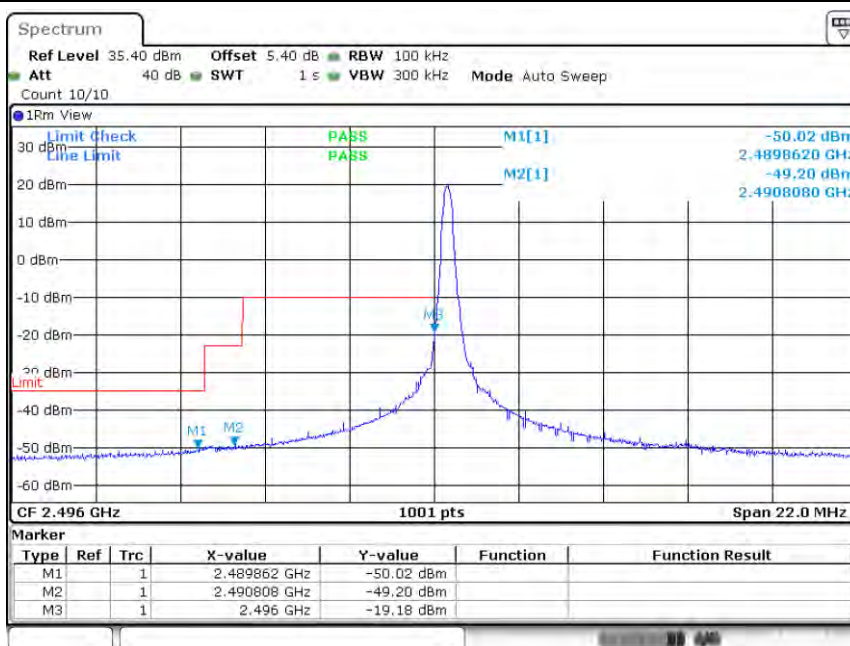


Band41-5MHz-QPSK-41565-25RB#0



Date: 31 JUL 2020 12:38:28

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



Date: 31 JUL 2020 15:20:24



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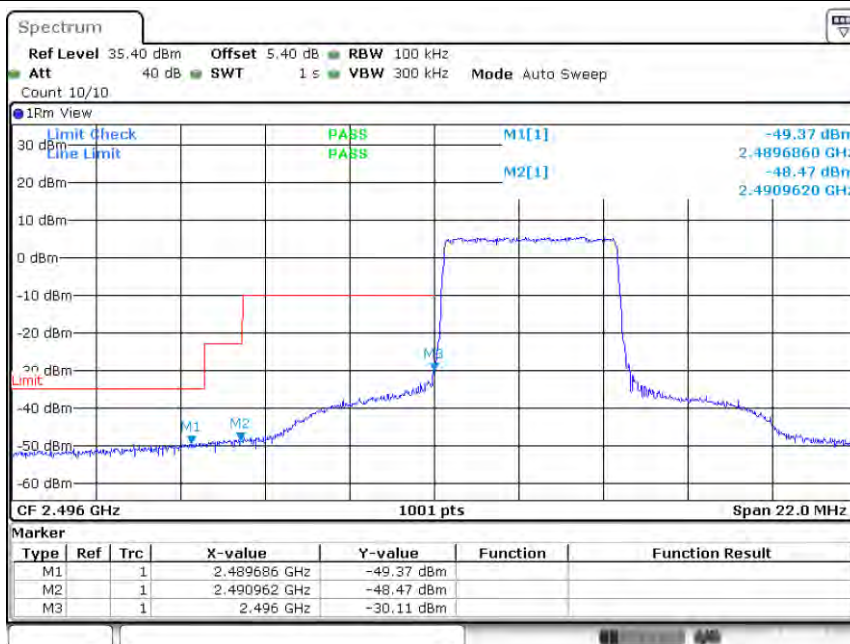
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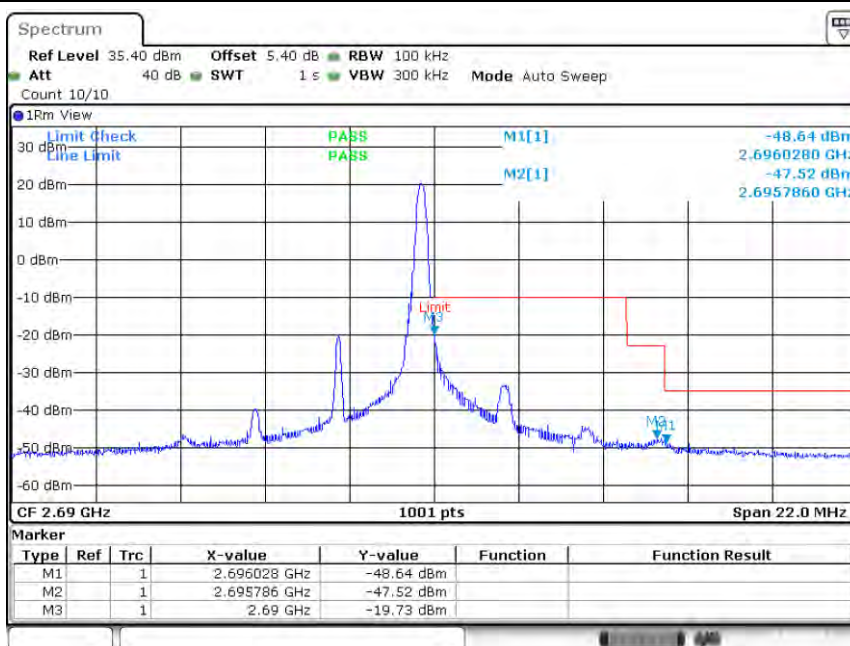


Band41-5MHz-64QAM-39675-25RB#0



Date: 31 JUL 2020 15:21:17

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

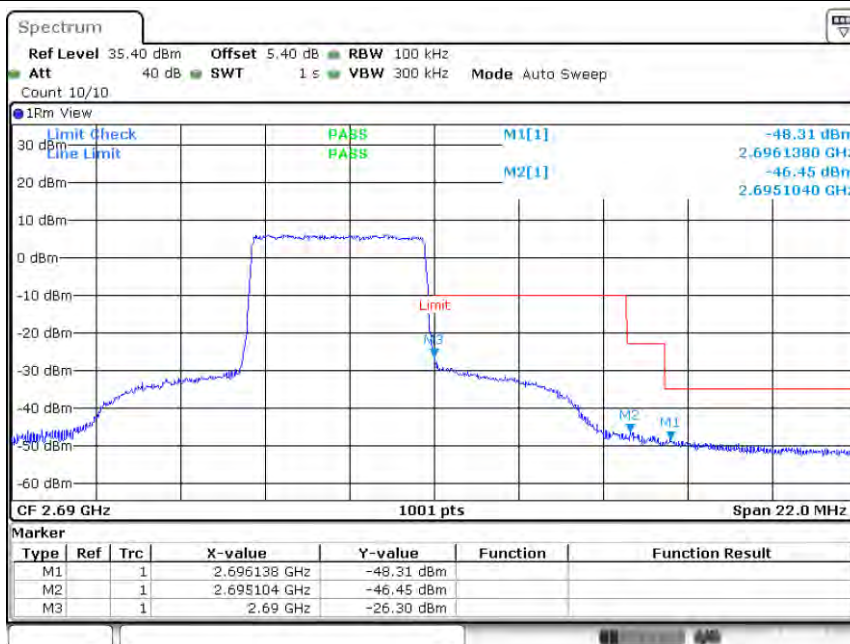


Date: 31 JUL 2020 15:20:51



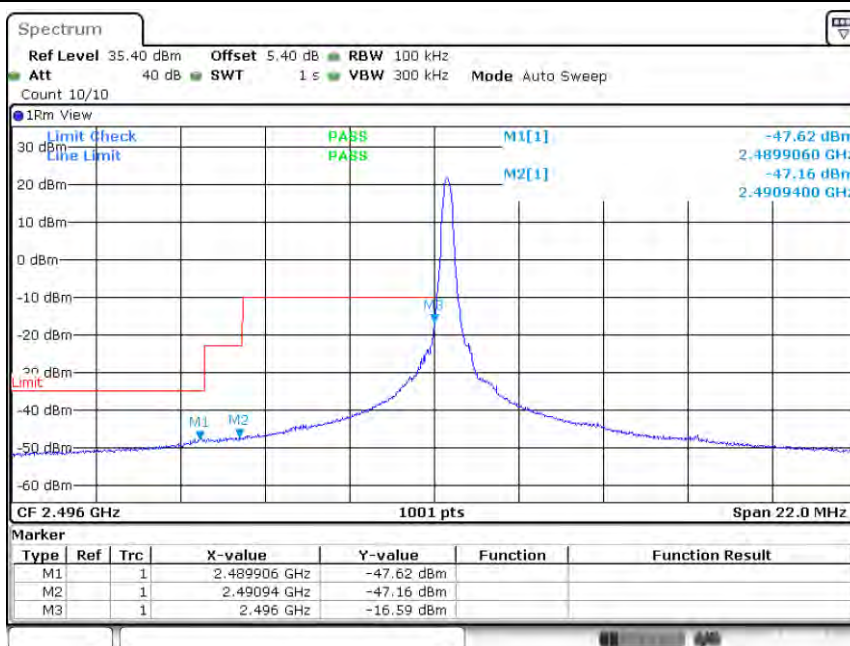


Band41-5MHz-64QAM-41565-25RB#0



Date: 31 JUL 2020 15:21:40

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

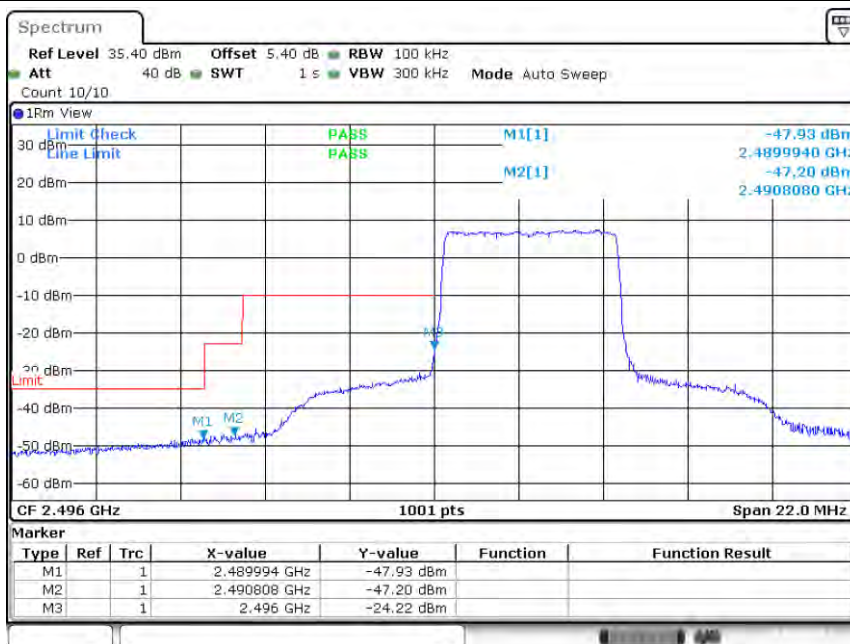


Date: 31 JUL 2020 12:36:31



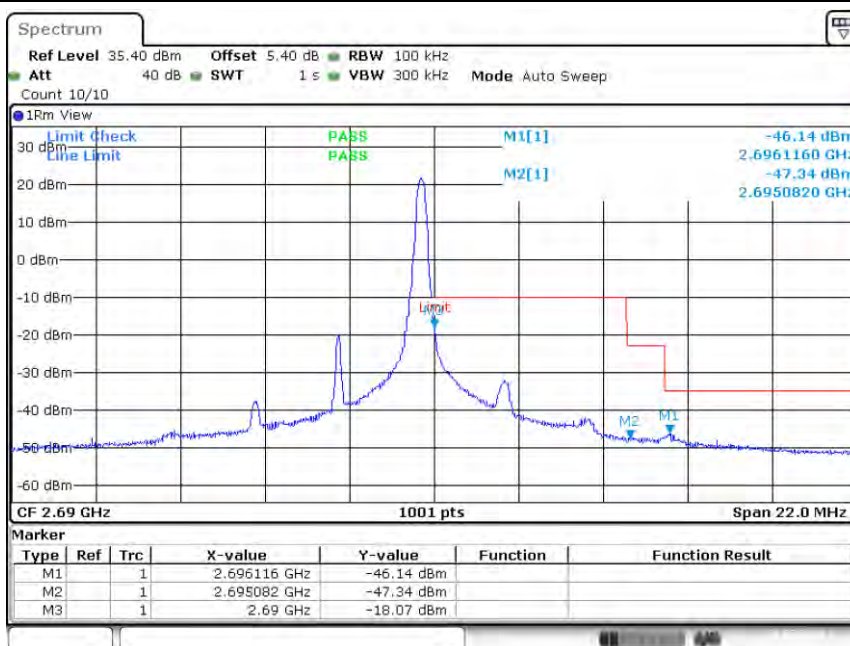


Band41-5MHz-16QAM-39675-25RB#0



Date: 31 JUL 2020 12:38:06

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



Date: 31 JUL 2020 12:37:19



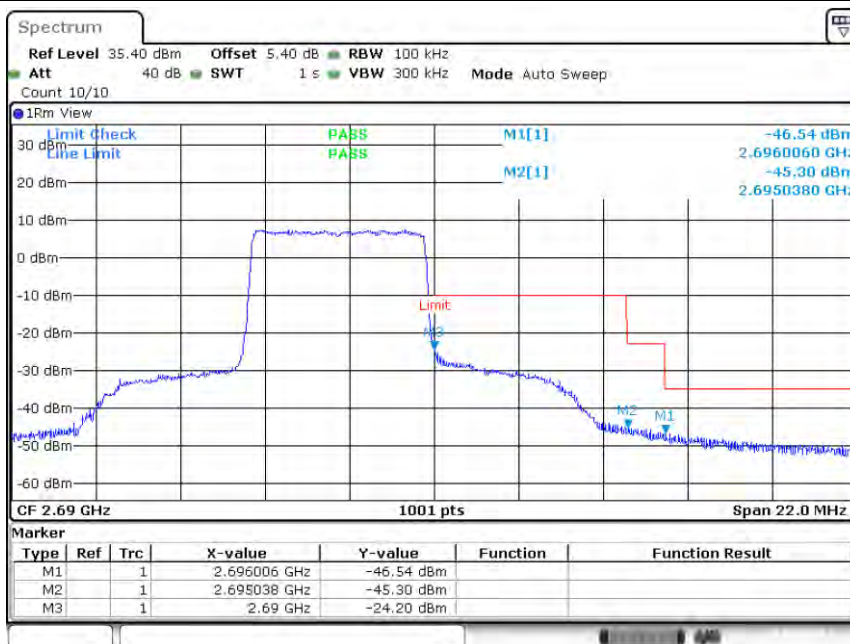
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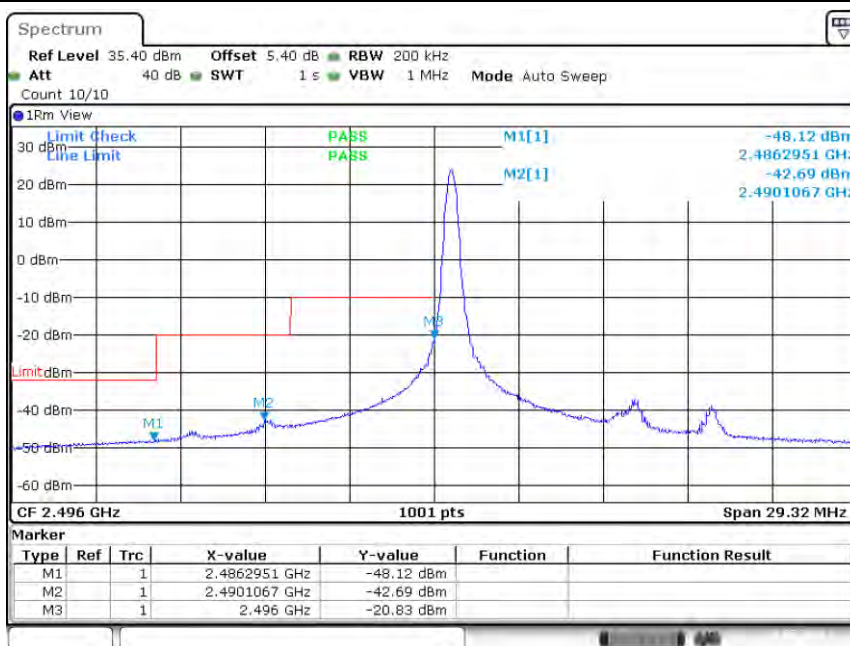
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Band41-5MHz-16QAM-41565-25RB#0



Date: 31 JUL 2020 12:38:49

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



Date: 31 JUL 2020 12:39:16



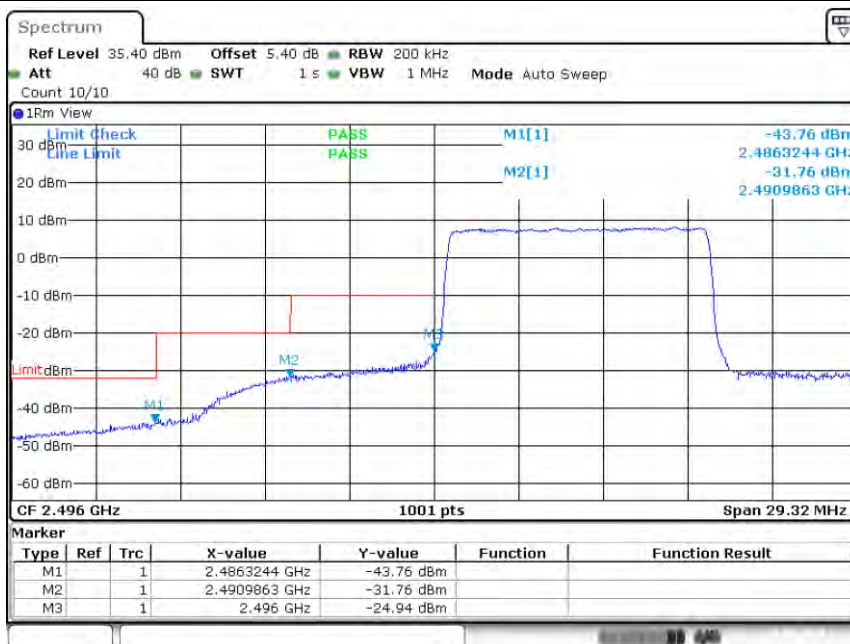
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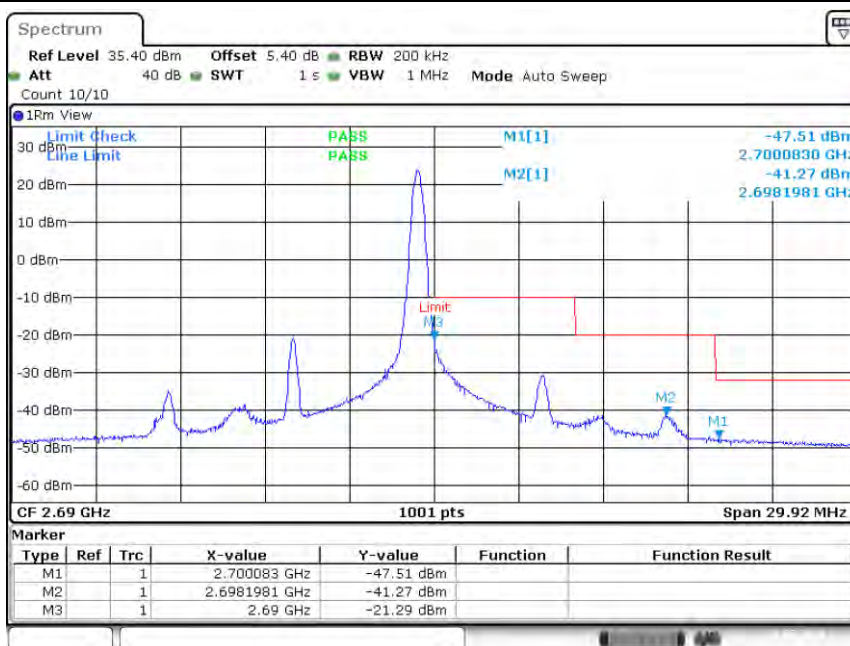


Band41-10MHz-QPSK-39700-50RB#0



Date: 31 JUL 2020 12:40:51

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

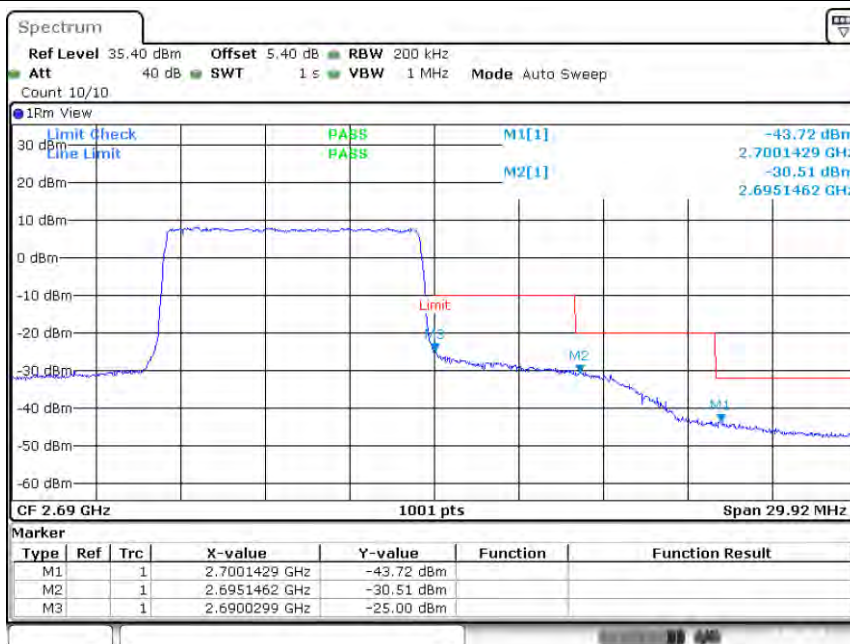


Date: 31 JUL 2020 12:40:04



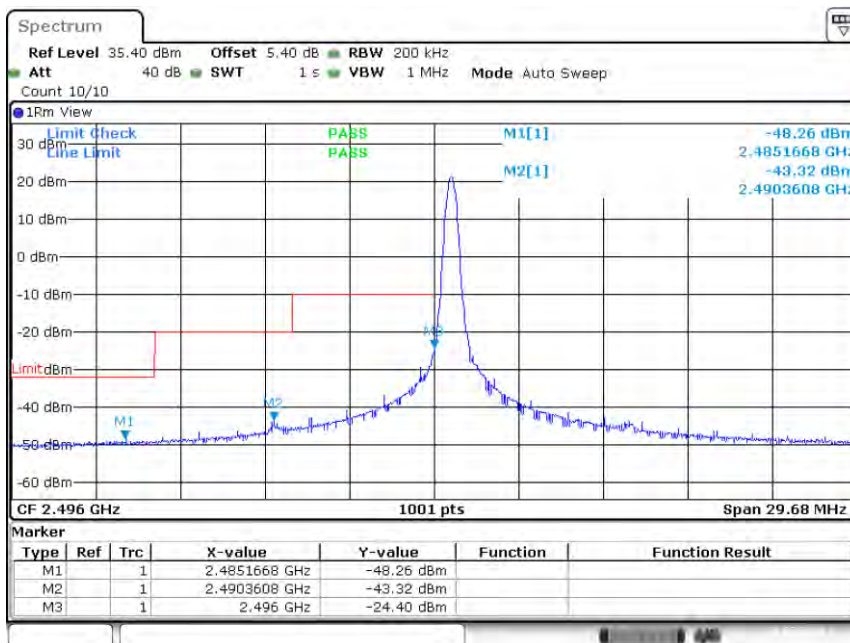


Band41-10MHz-QPSK-41540-50RB#0



Date: 31 JUL 2020 12:41:34

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

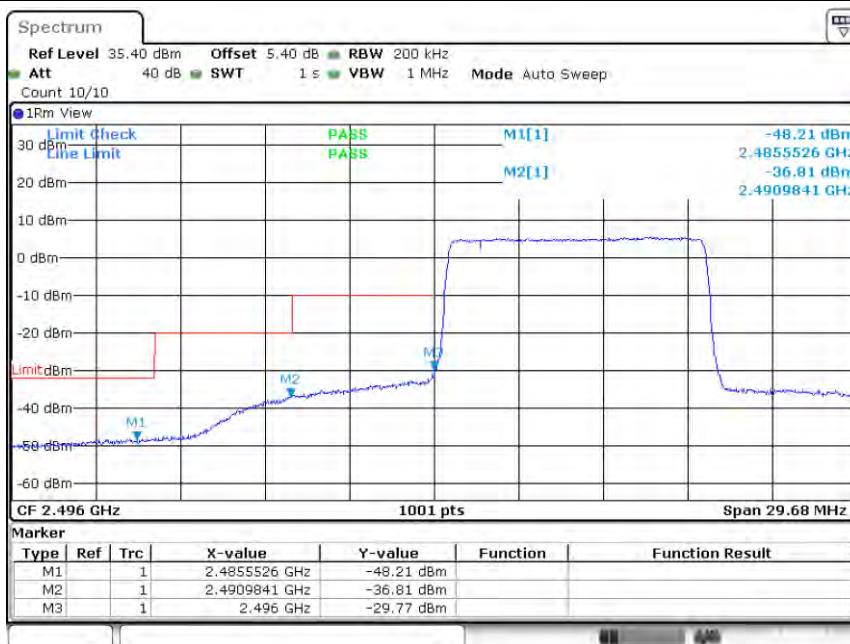


Date: 31 JUL 2020 15:22:07



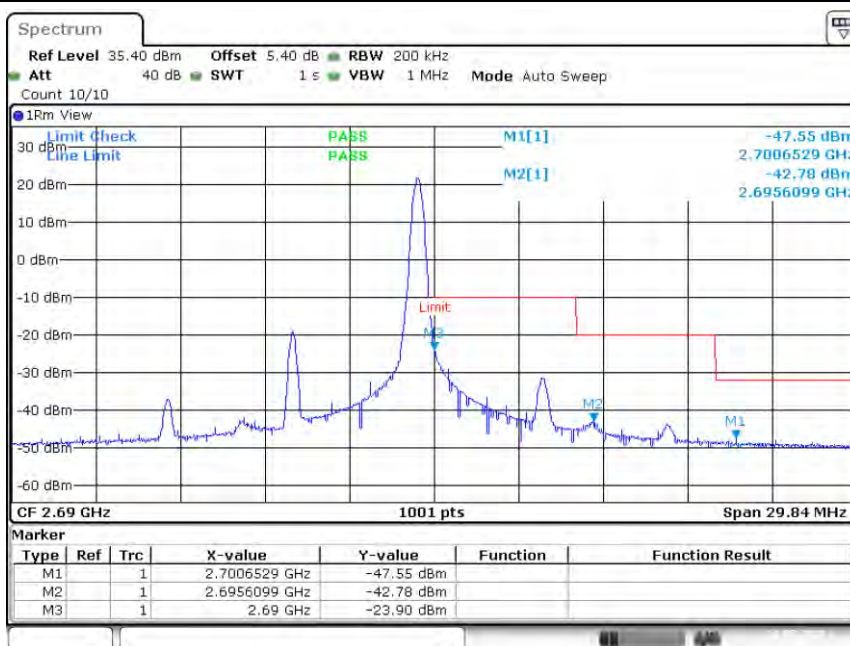


Band41-10MHz-64QAM-39700-50RB#0



Date: 31 JUL 2020 15:22:59

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

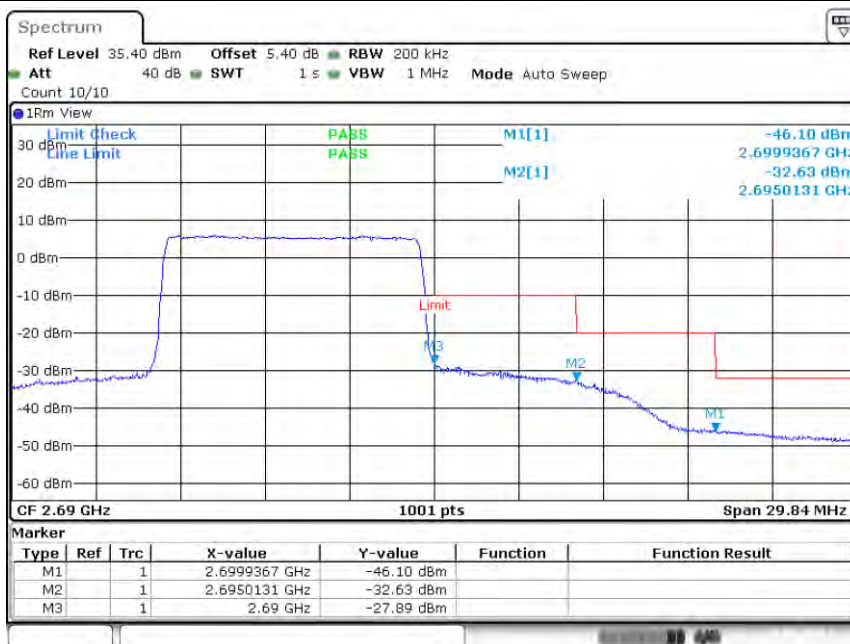


Date: 31 JUL 2020 15:22:33



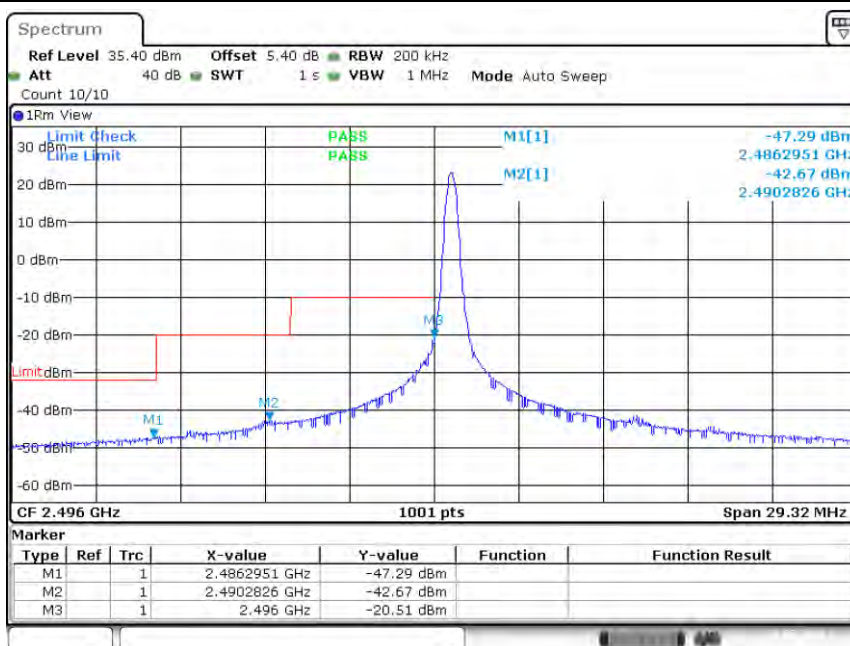


Band41-10MHz-64QAM-41540-50RB#0



Date: 31 JUL 2020 15:23:21

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



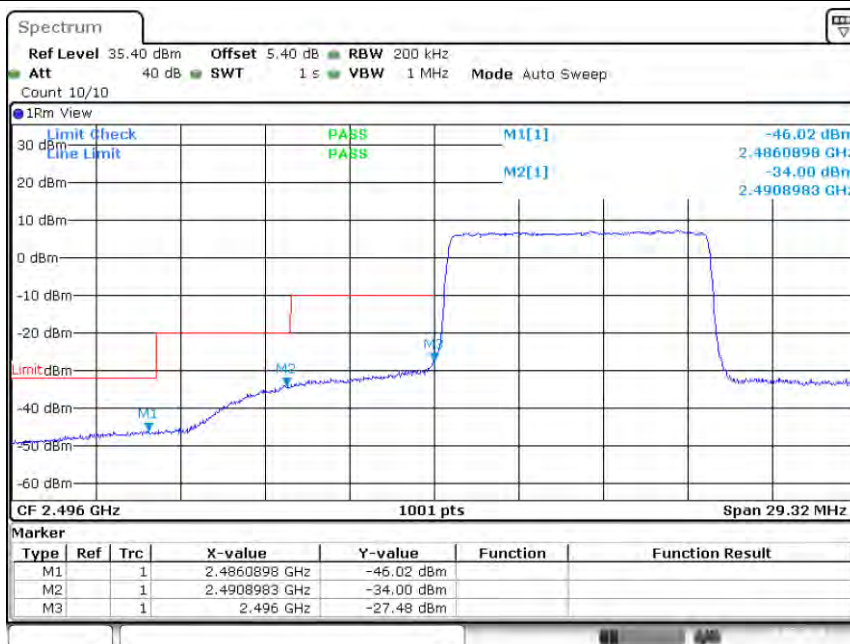
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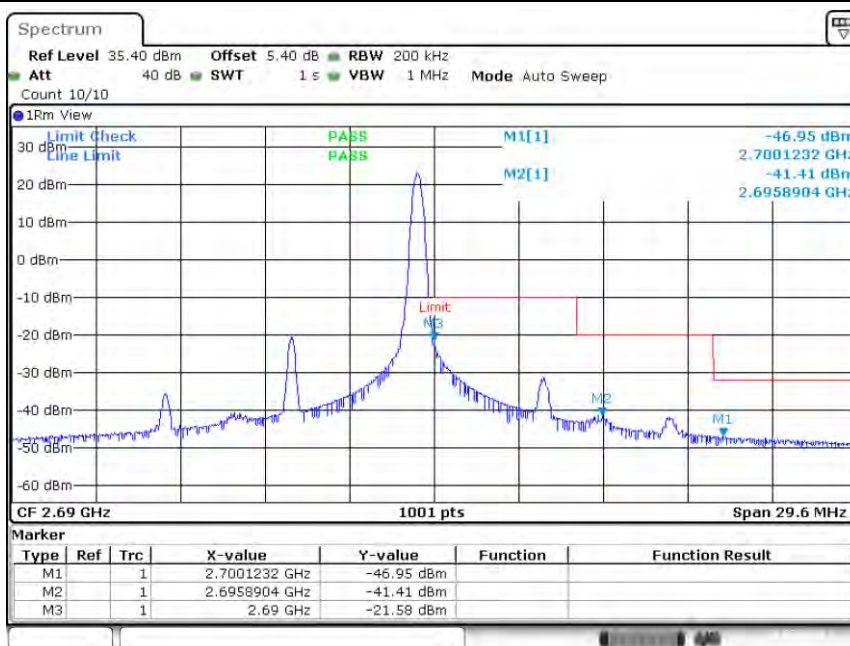
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Band41-10MHz-16QAM-39700-50RB#0



Date: 31 JUL 2020 12:41:12

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



Date: 31 JUL 2020 12:40:25

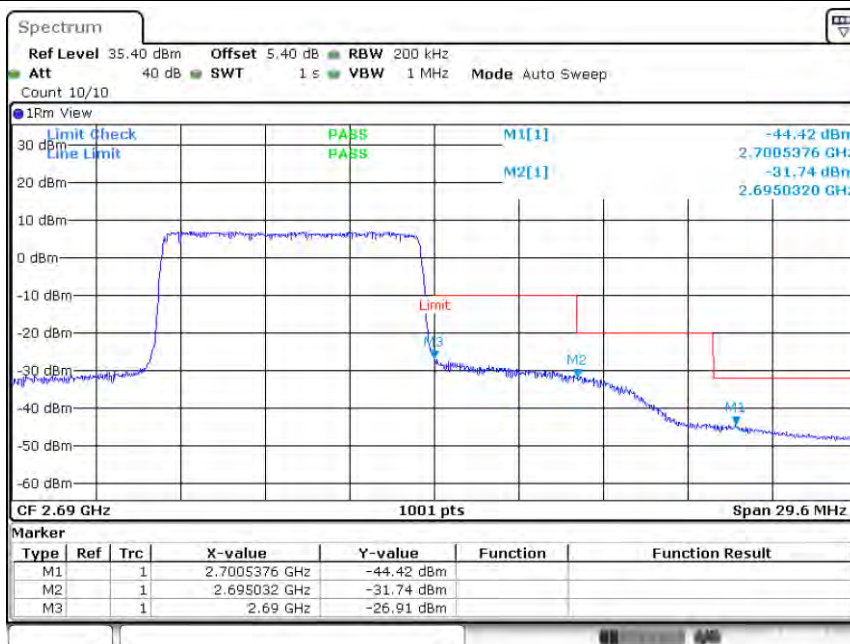


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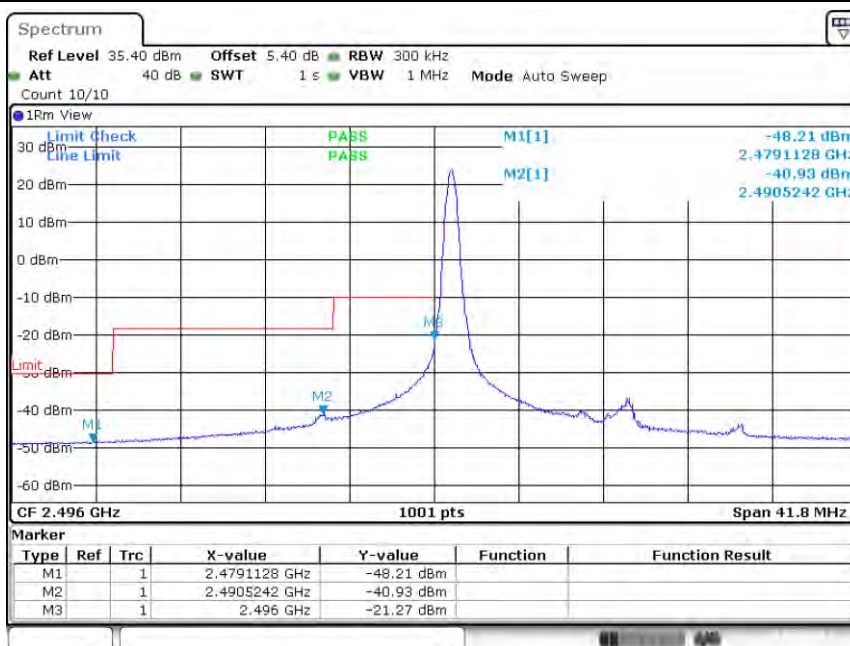


Band41-10MHz-16QAM-41540-50RB#0



Date: 31 JUL 2020 12:41:56

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

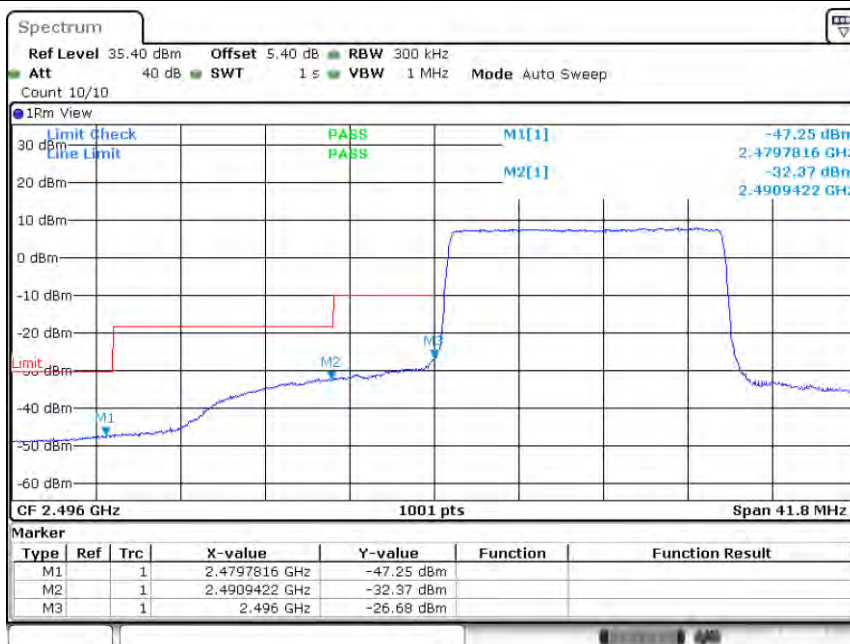


Date: 31 JUL 2020 12:42:22



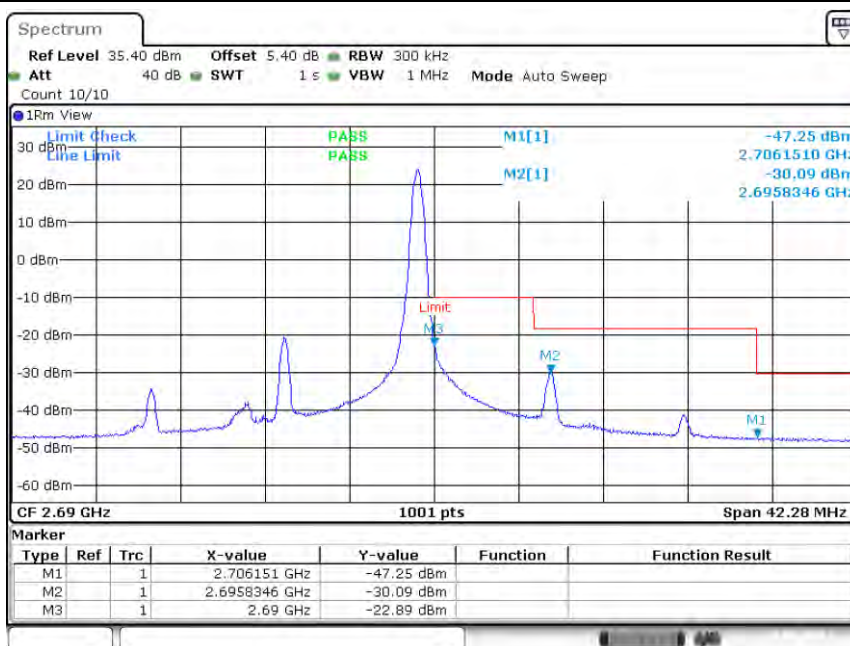


Band41-15MHz-QPSK-39725-75RB#0



Date: 31 JUL 2020 12:43:57

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



Date: 31 JUL 2020 12:43:10

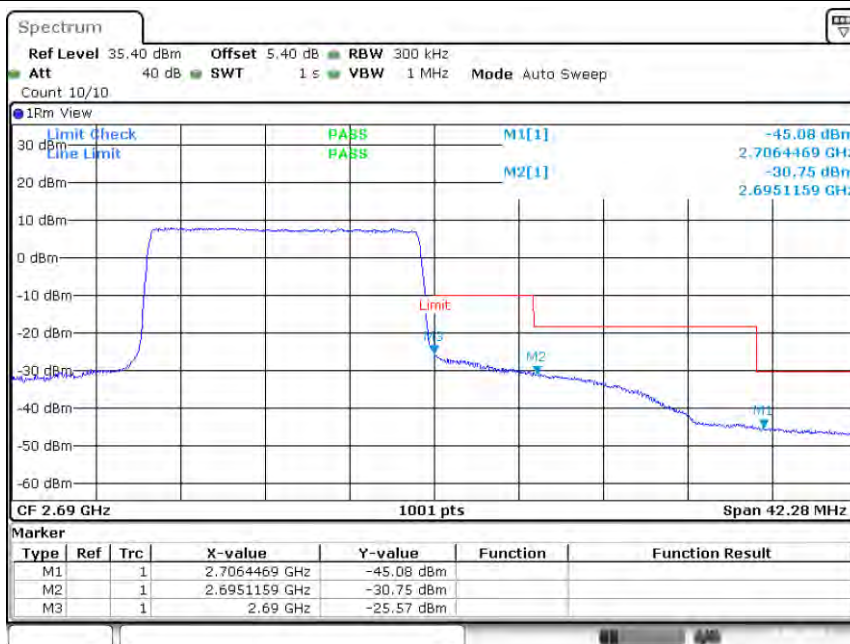


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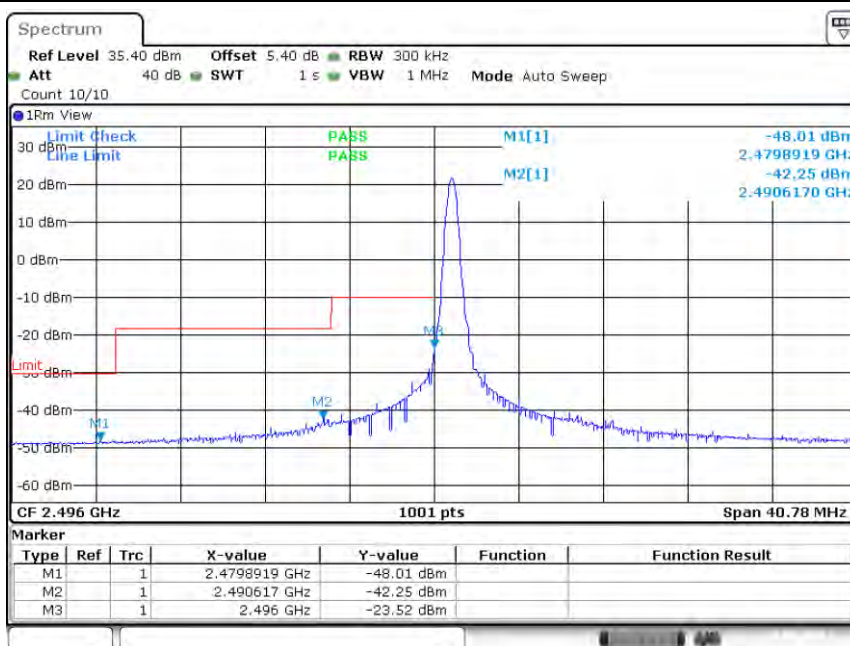


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Date: 31 JUL 2020 12:44:40

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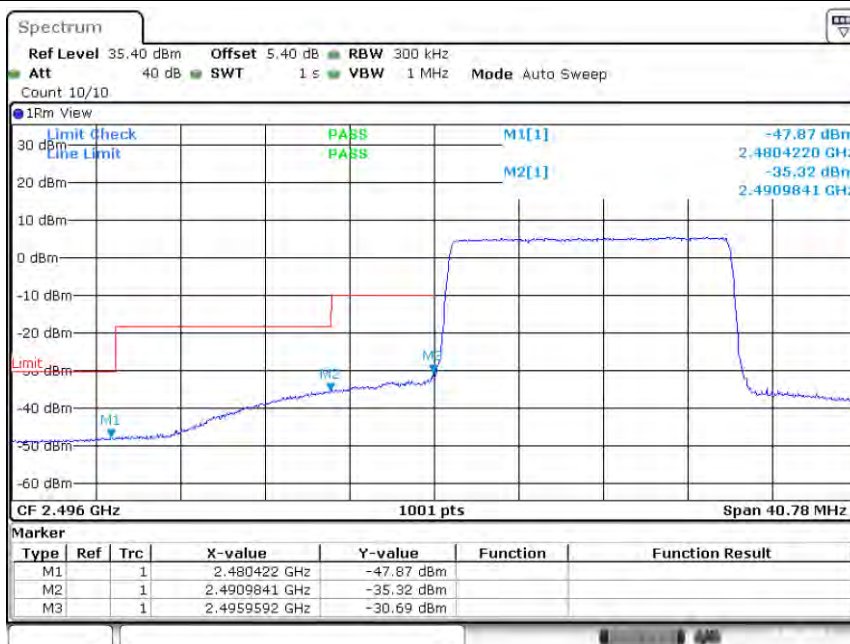


Date: 31 JUL 2020 15:23:47



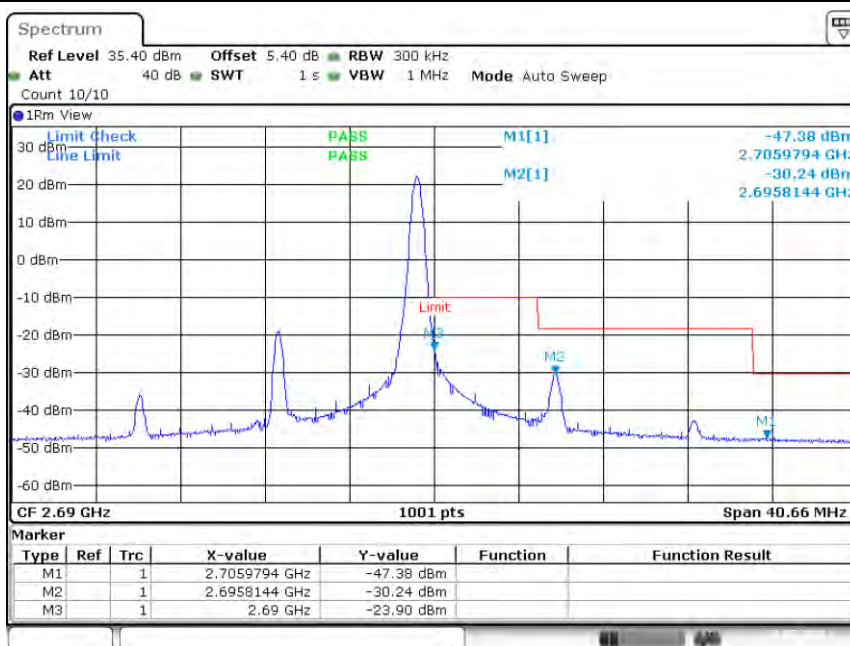


Band41-15MHz-64QAM-39725-75RB#0



Date: 31 JUL 2020 15:24:43

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

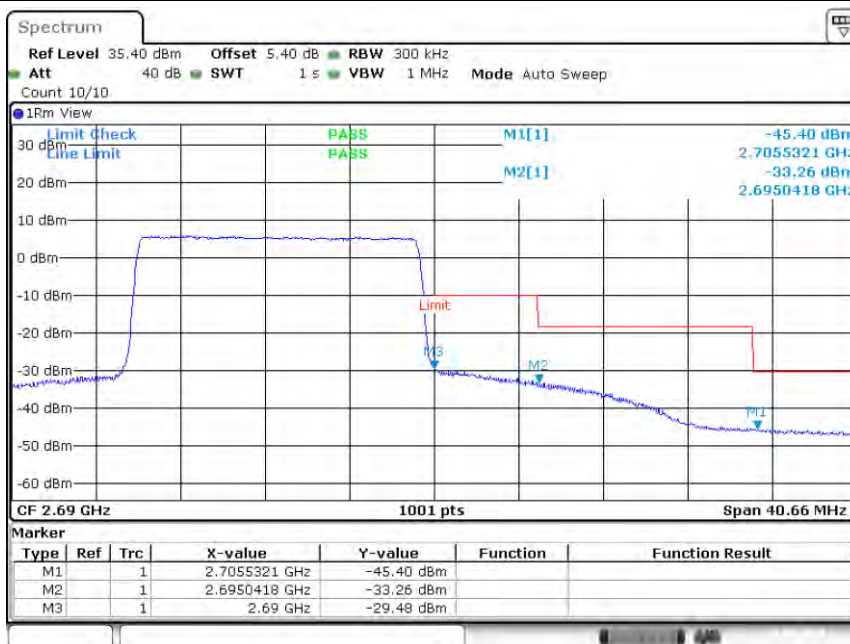


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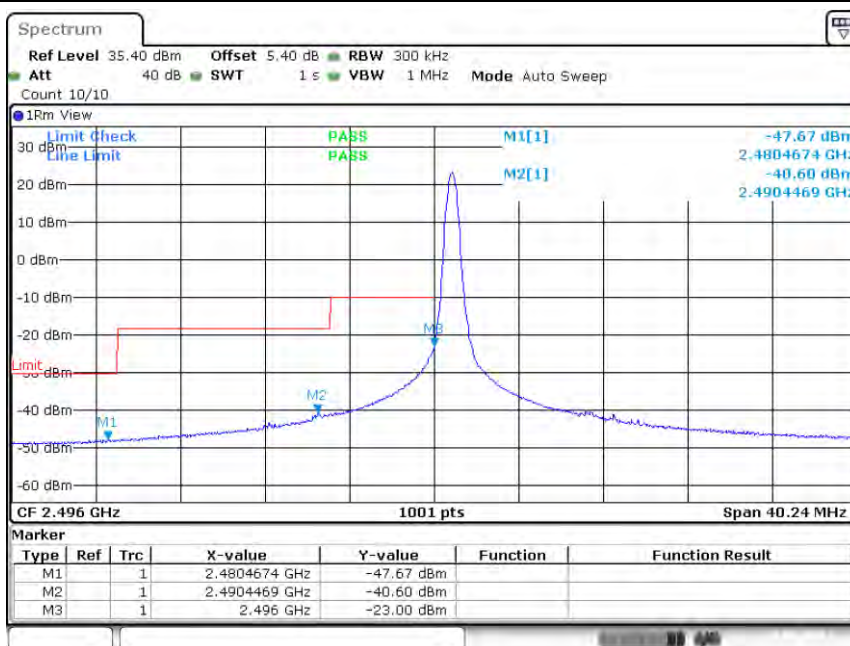


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Date: 31 JUL 2020 15:25:05

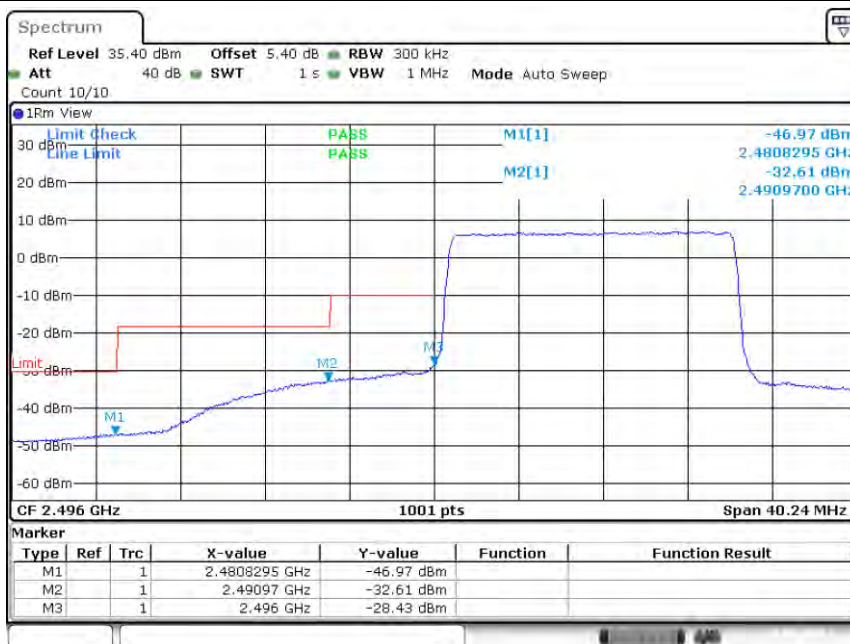
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Date: 31 JUL 2020 12:42:43

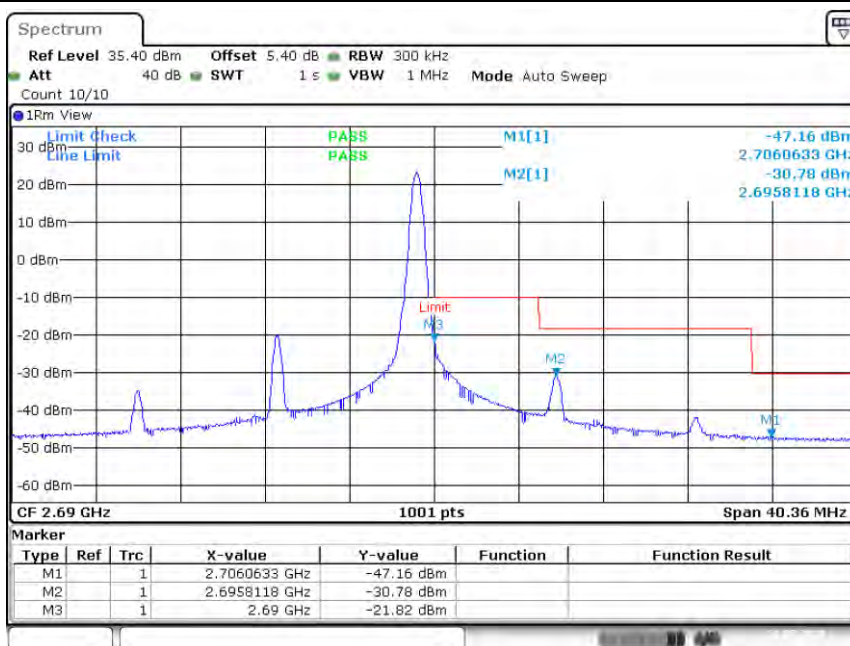


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Date: 31 JUL 2020 12:44:19

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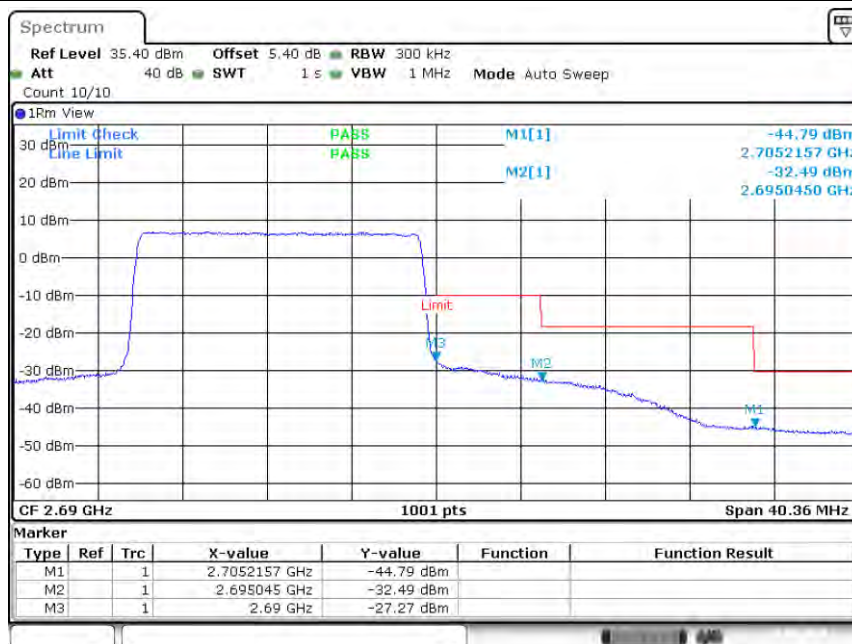


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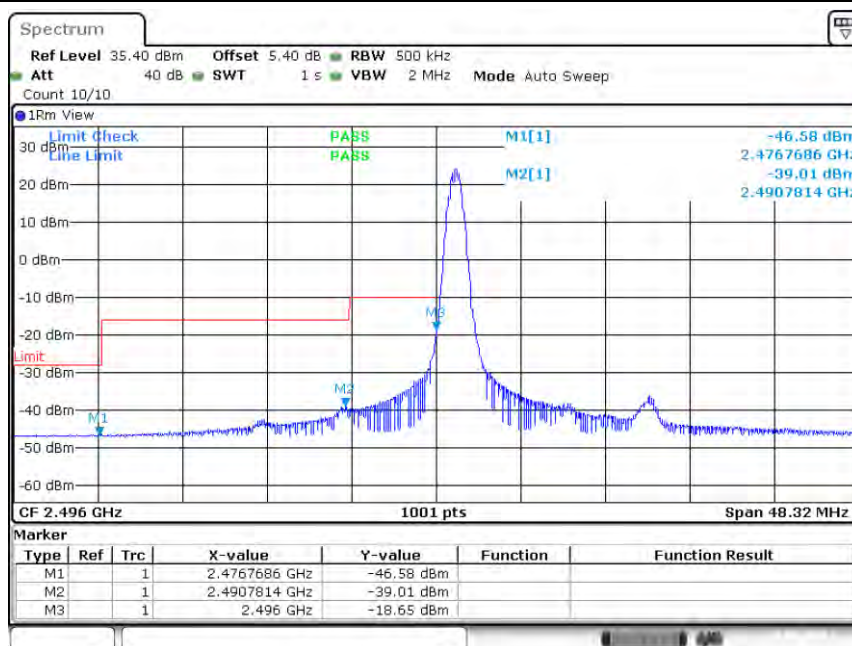


Band41-15MHz-16QAM-41515-75RB#0



Date: 31 JUL 2020 12:45:02

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

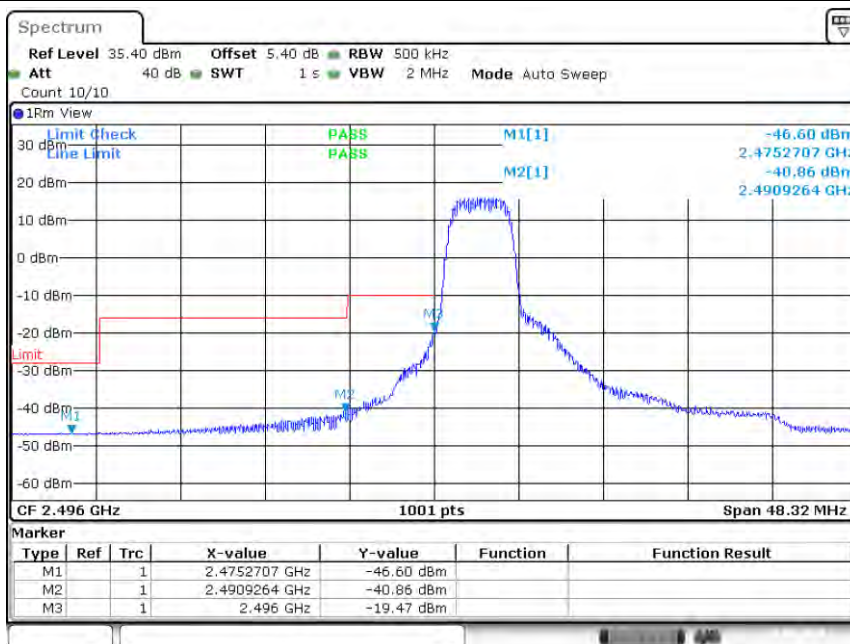


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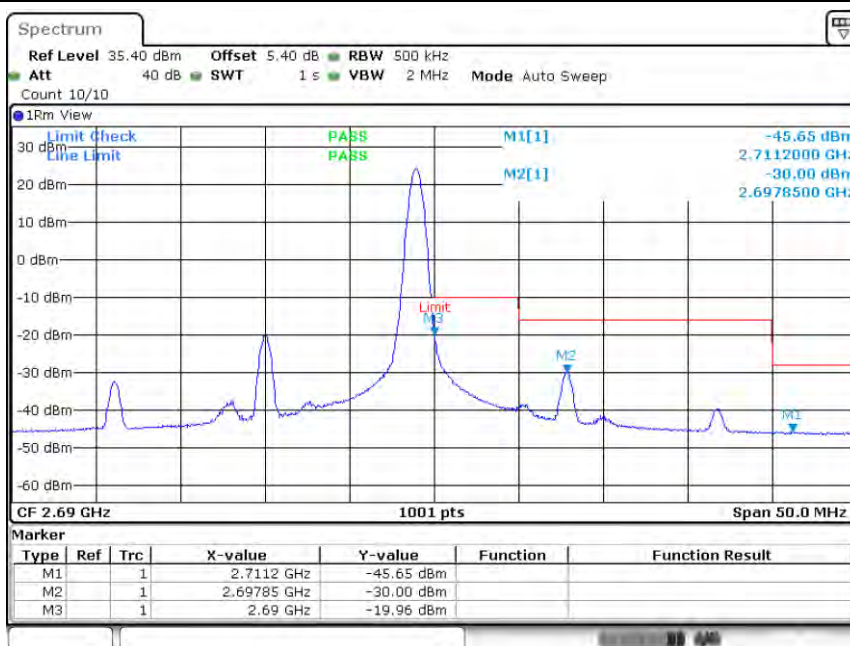


Band41-20MHz-QPSK-39750-100RB#0



Date: 31 JUL 2020 14:09:56

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

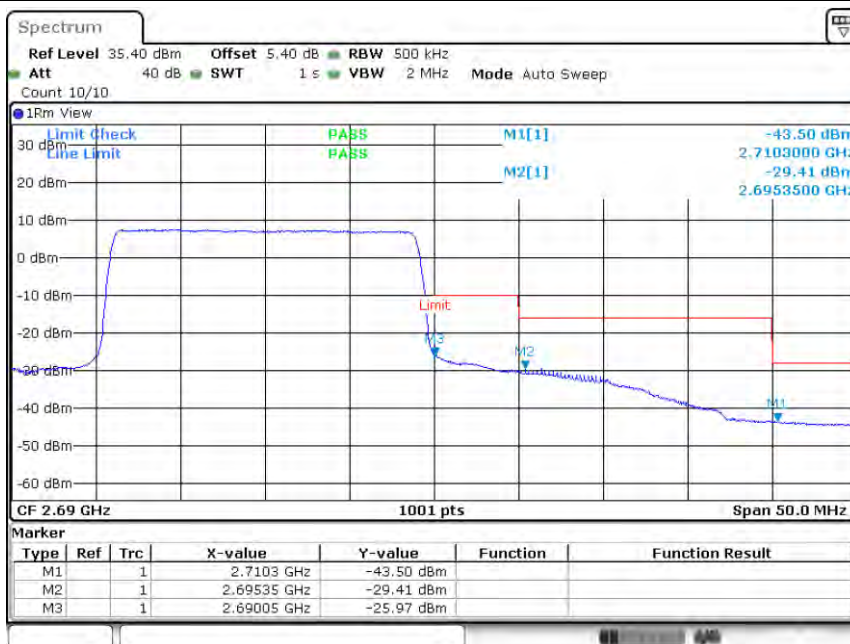


Date: 31 JUL 2020 12:46:16



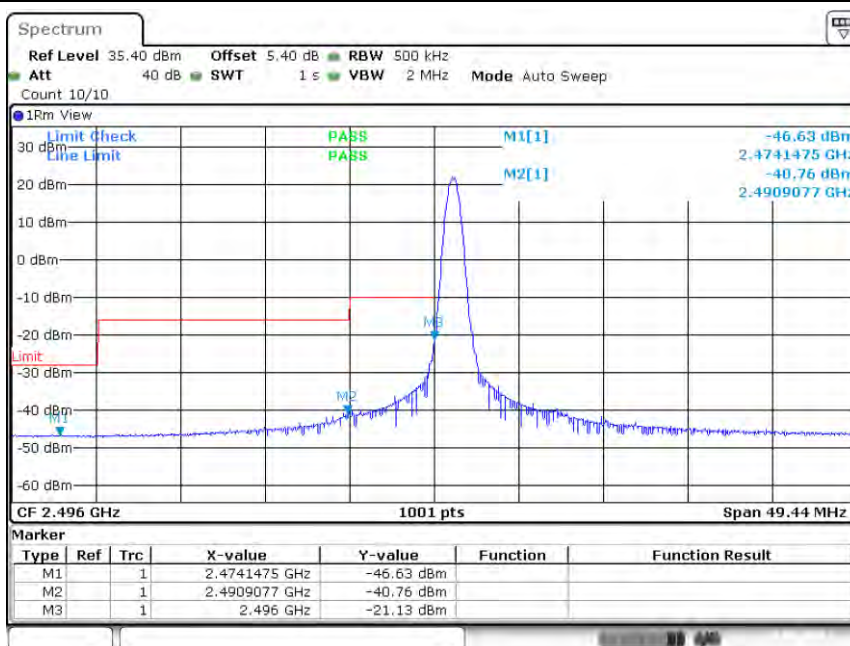


Band41-20MHz-QPSK-41490-100RB#0



Date: 31 JUL 2020 14:10:39

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

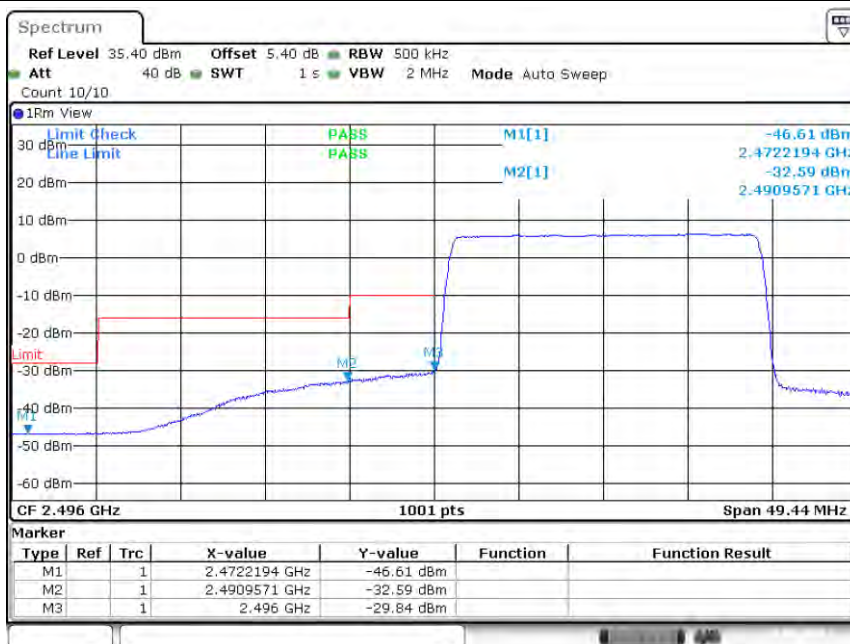


Date: 31 JUL 2020 15:25:33



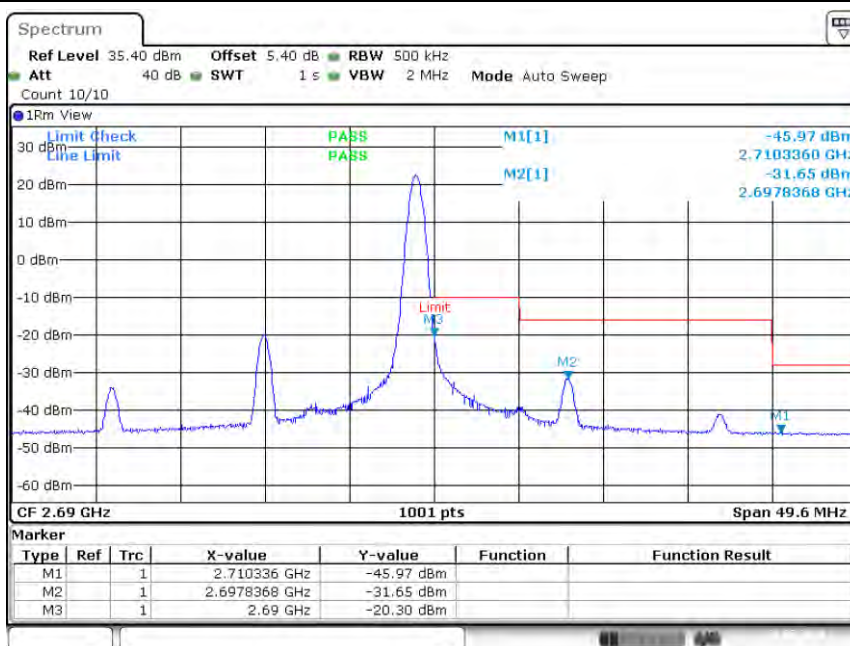


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Date: 31 JUL 2020 15:26:38

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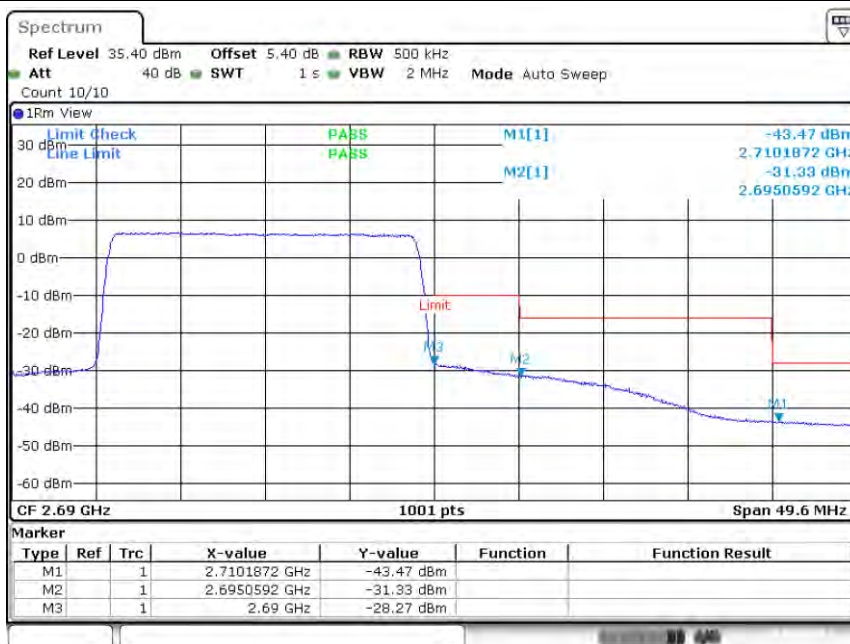


Date: 31 JUL 2020 15:26:02



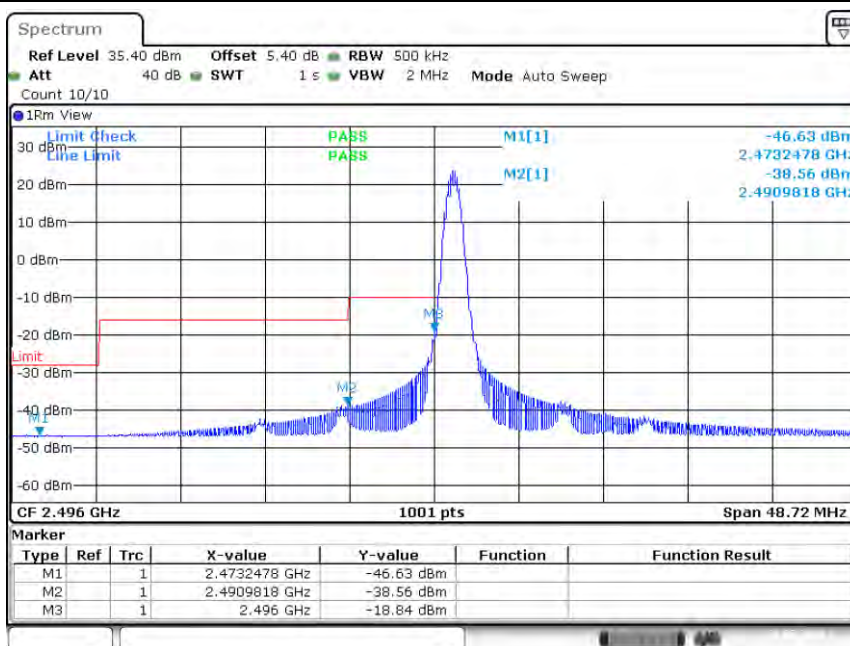


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Date: 31 JUL 2020 15:27:02

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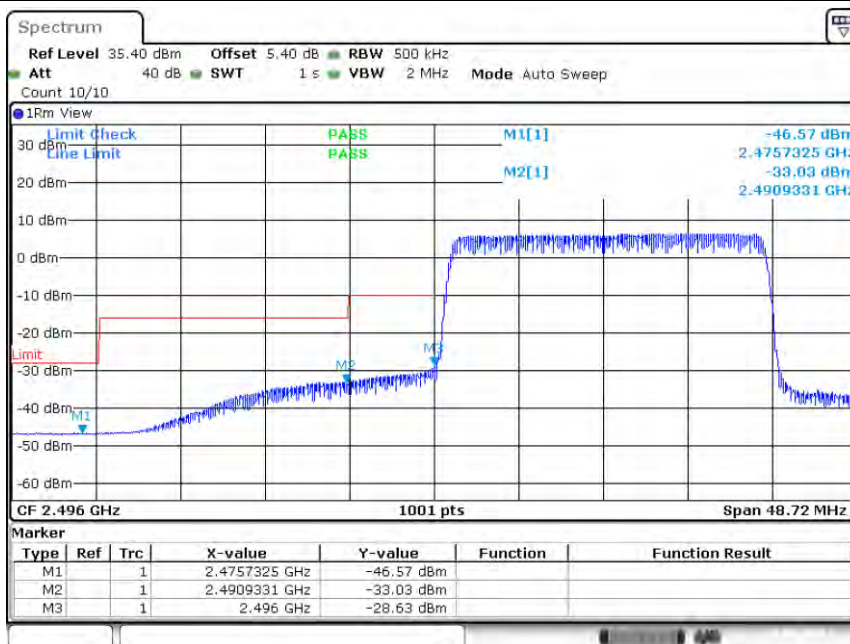


Date: 31 JUL 2020 12:45:50



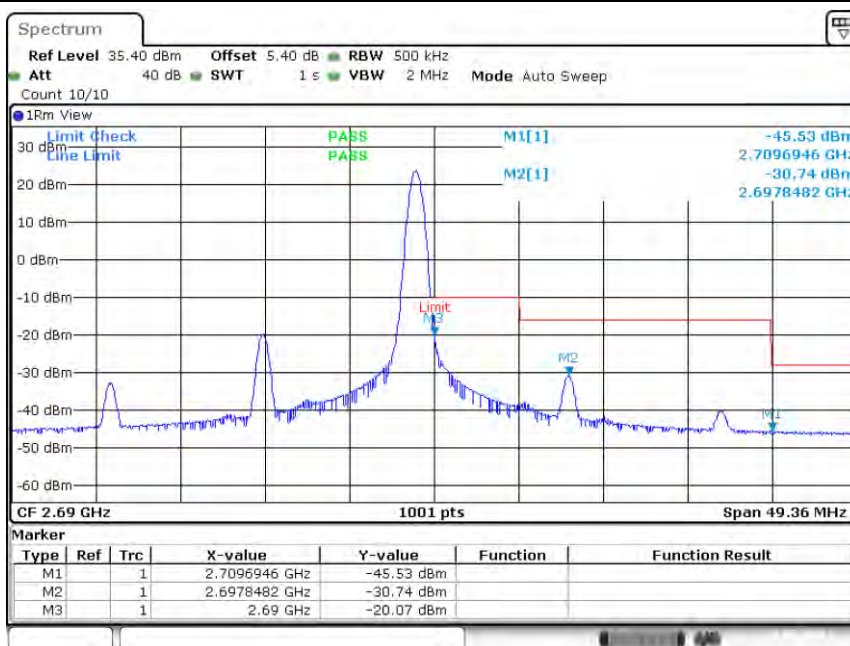


Band41-20MHz-16QAM-39750-100RB#0



Date: 31 JUL 2020 14:10:18

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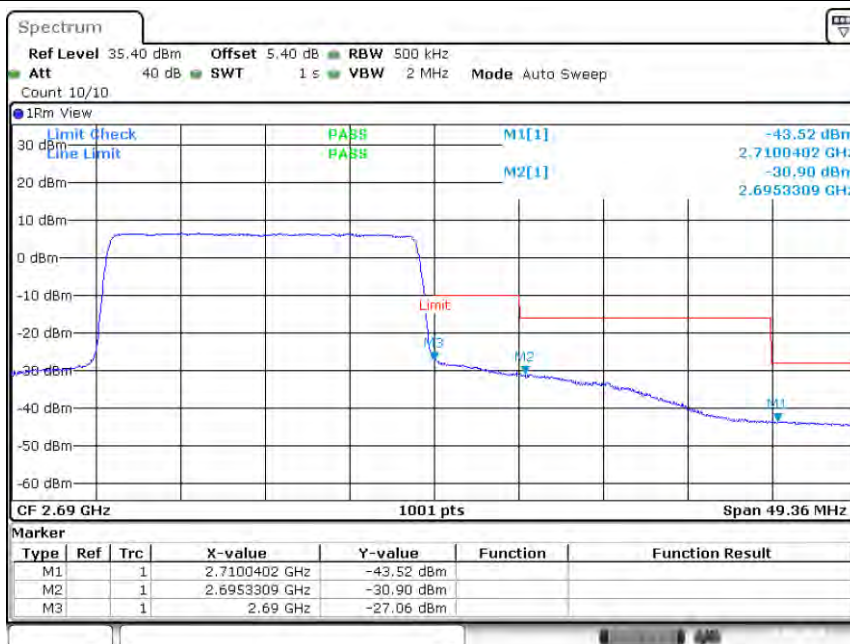


Date: 31 JUL 2020 12:46:37





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



Date: 31 JUL 2020 14:11:01



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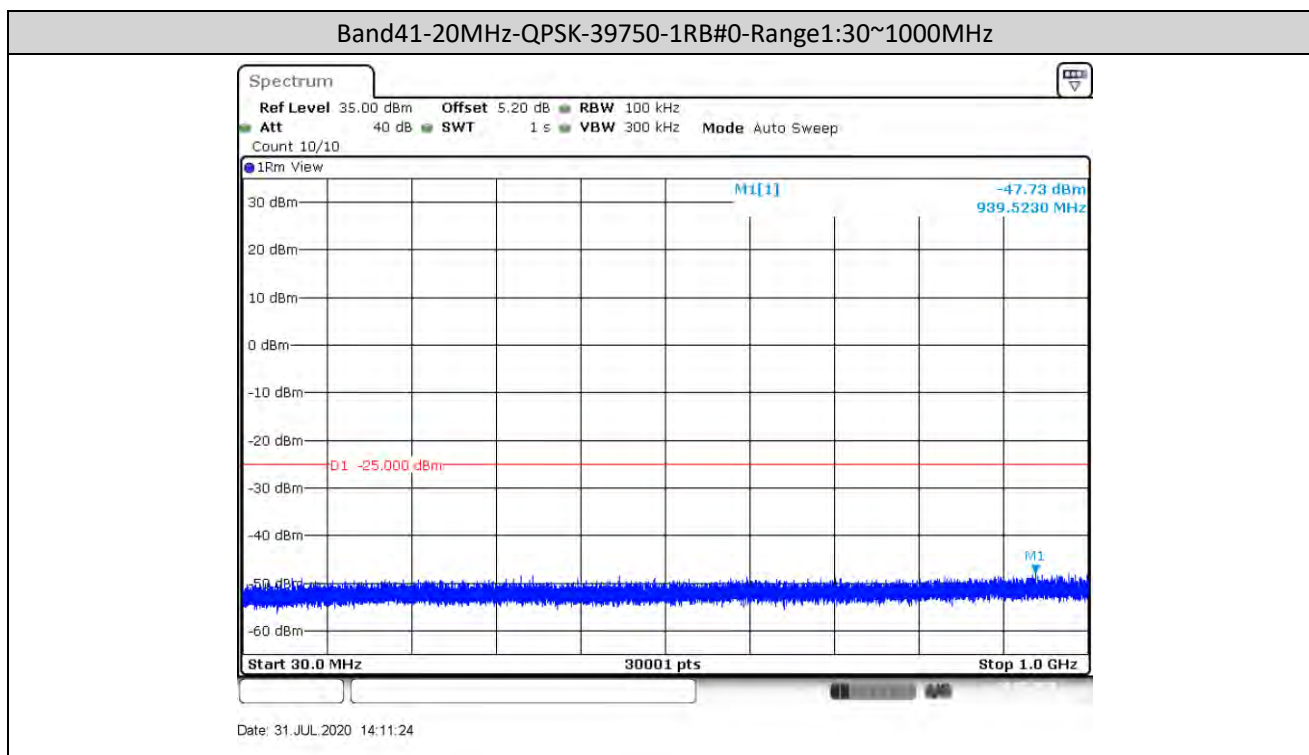


6. Spurious Emission at Antenna Terminal

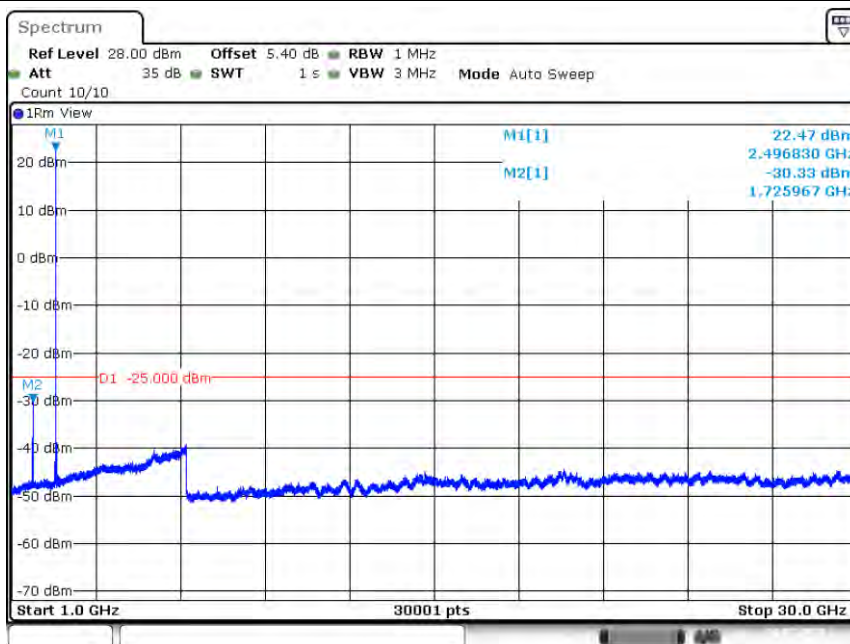
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " 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

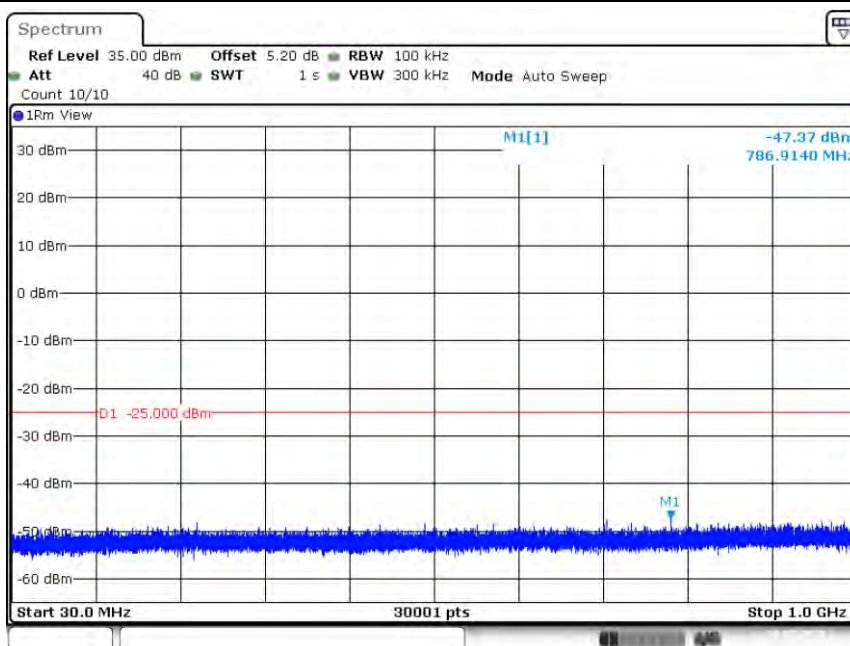


Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 31.JUL.2020 14:11:41

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



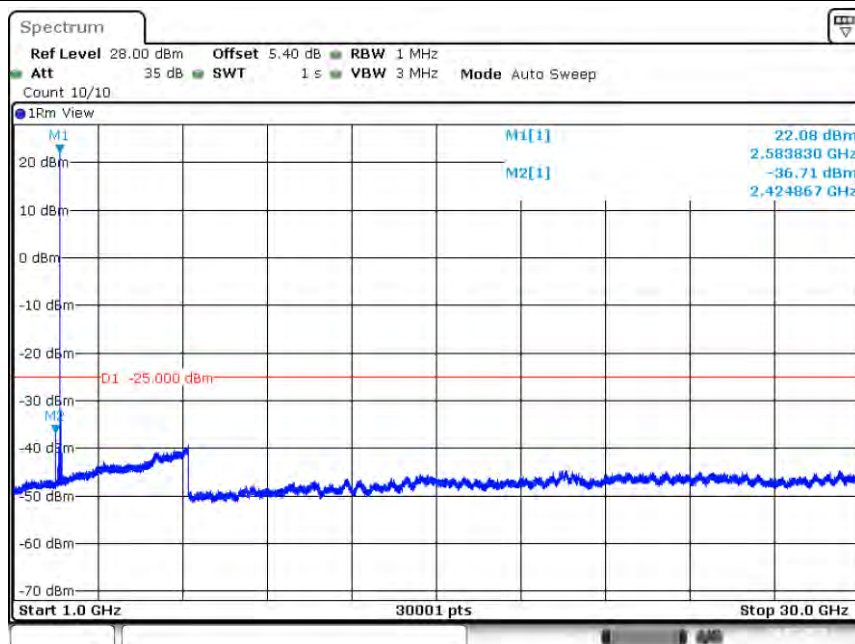
Date: 31.JUL.2020 14:12:37



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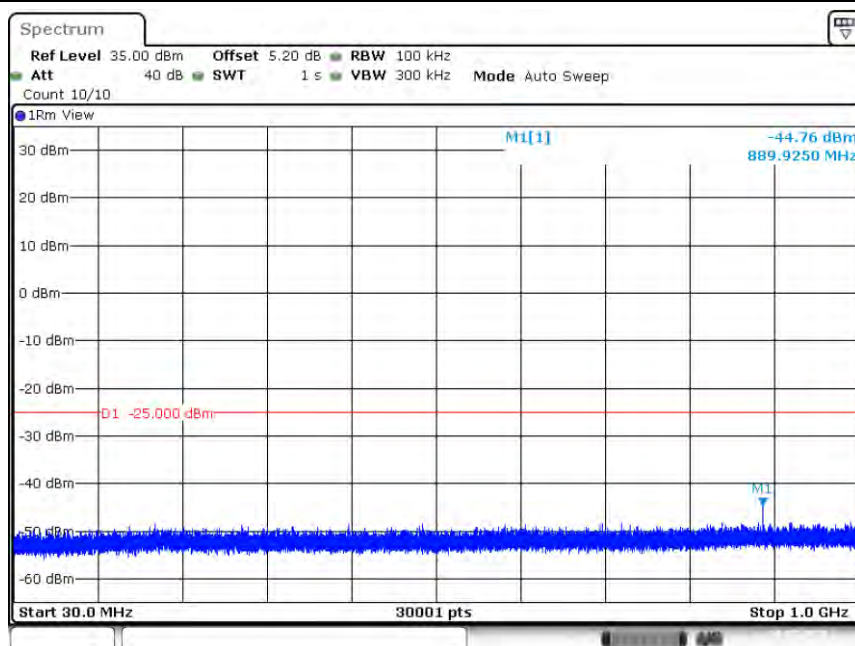
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Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:12:53

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



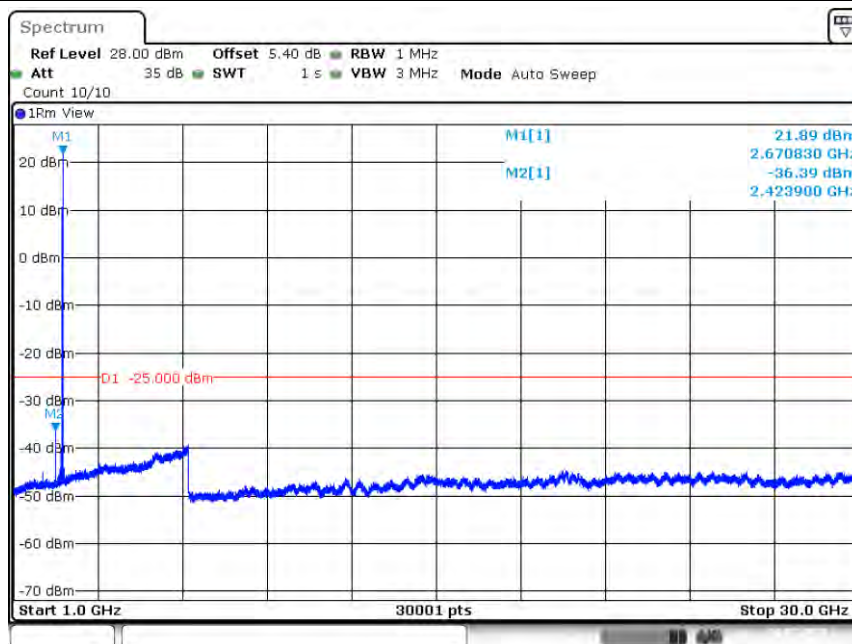
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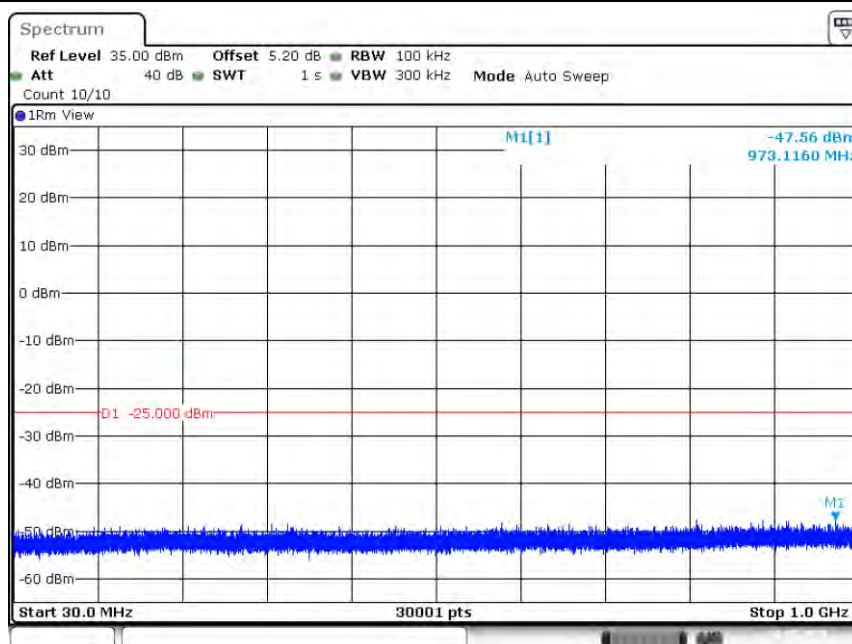
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Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:14:04

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



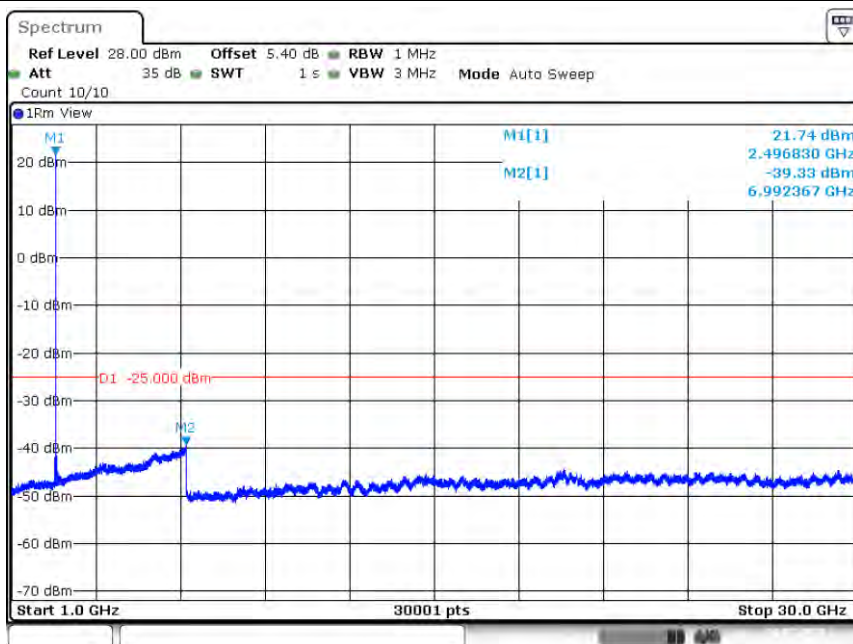
Date: 31 JUL 2020 15:27:25



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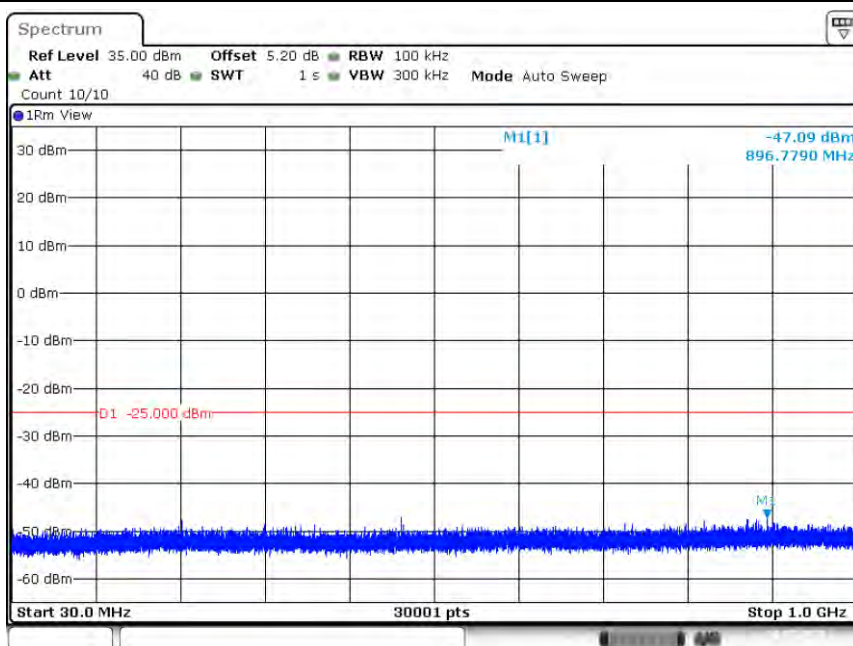
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Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 15:27:41

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



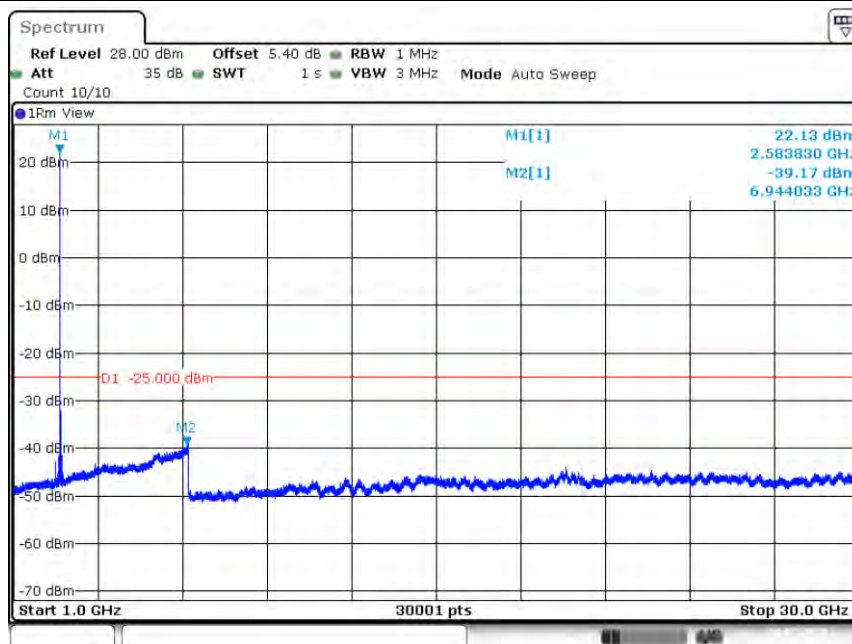
Date: 31 JUL 2020 15:28:00



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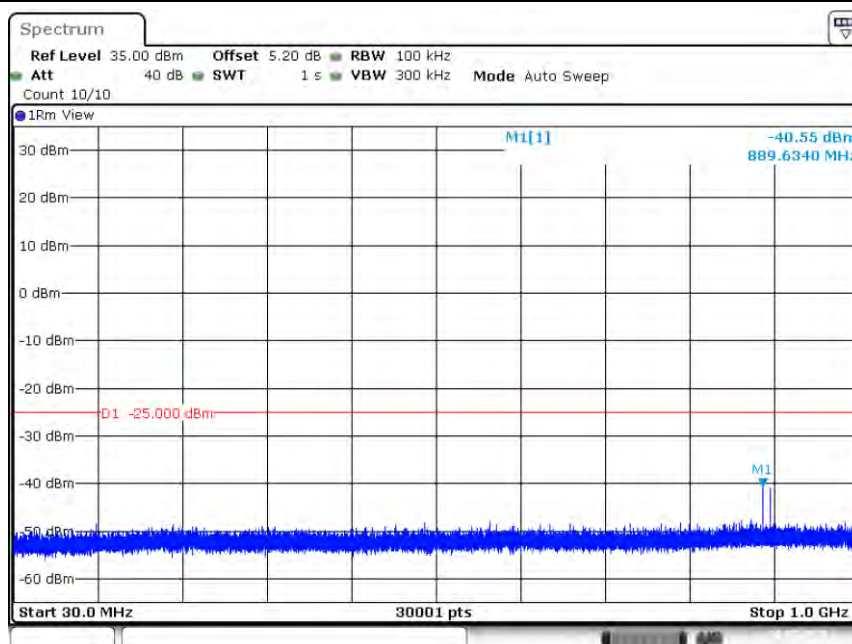
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Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 15:28:16

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



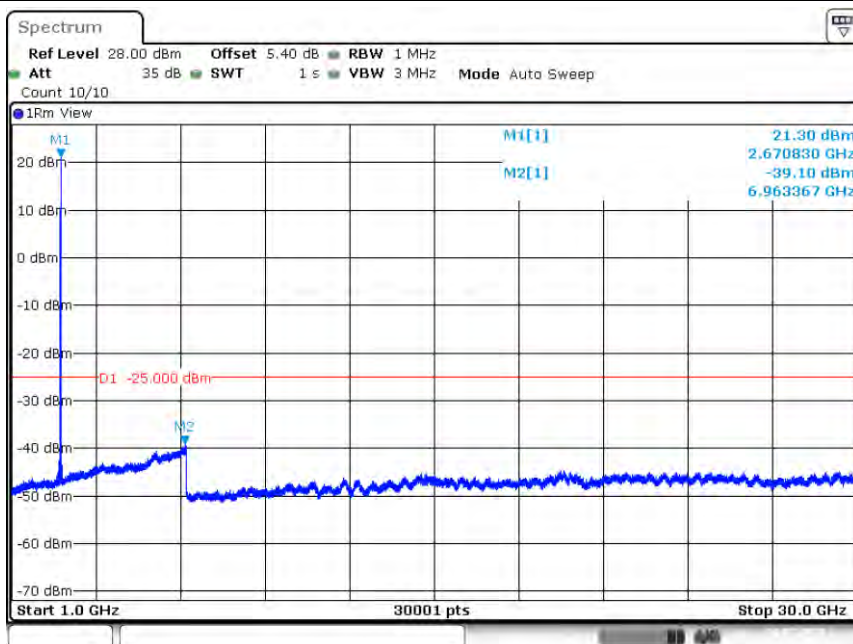
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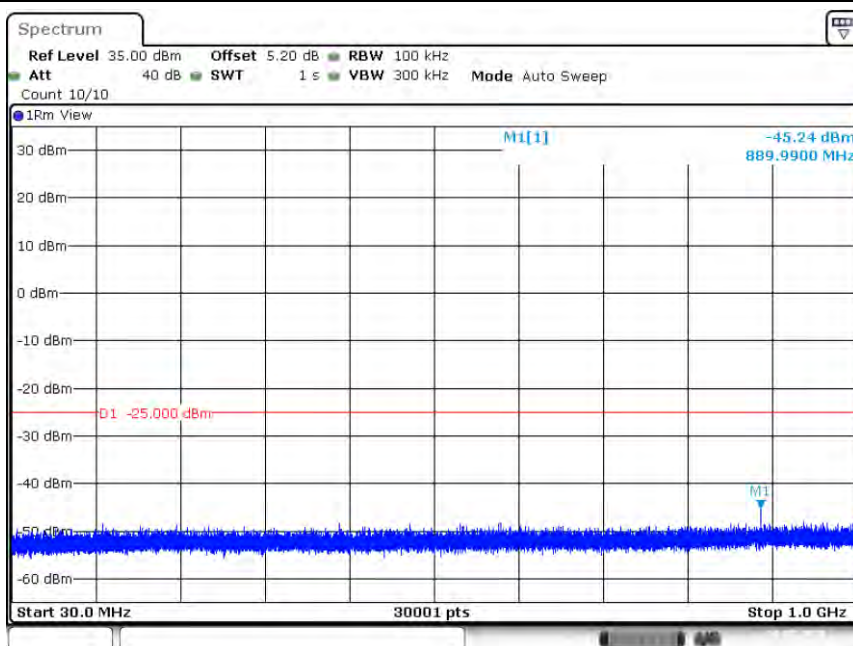
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Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



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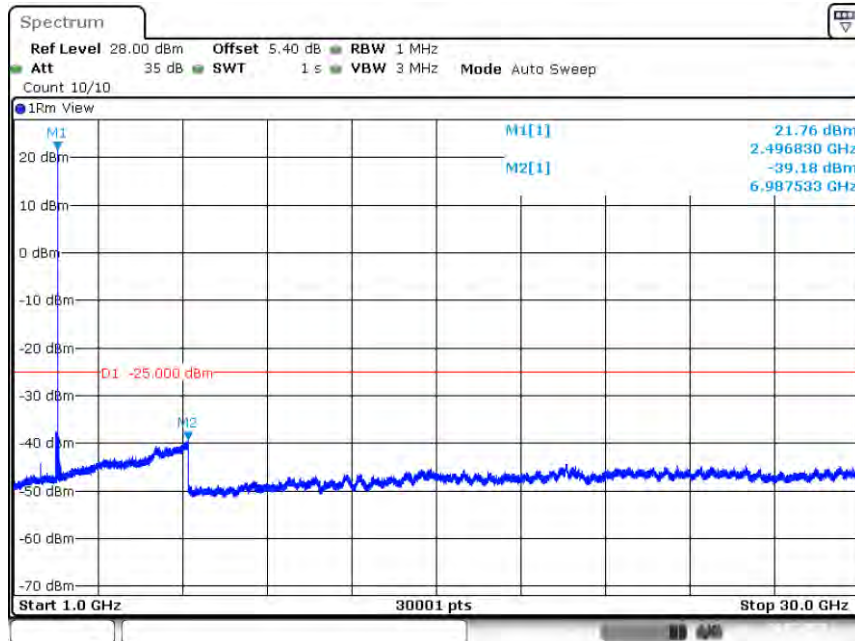
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz



Date: 31 JUL 2020 14:12:02

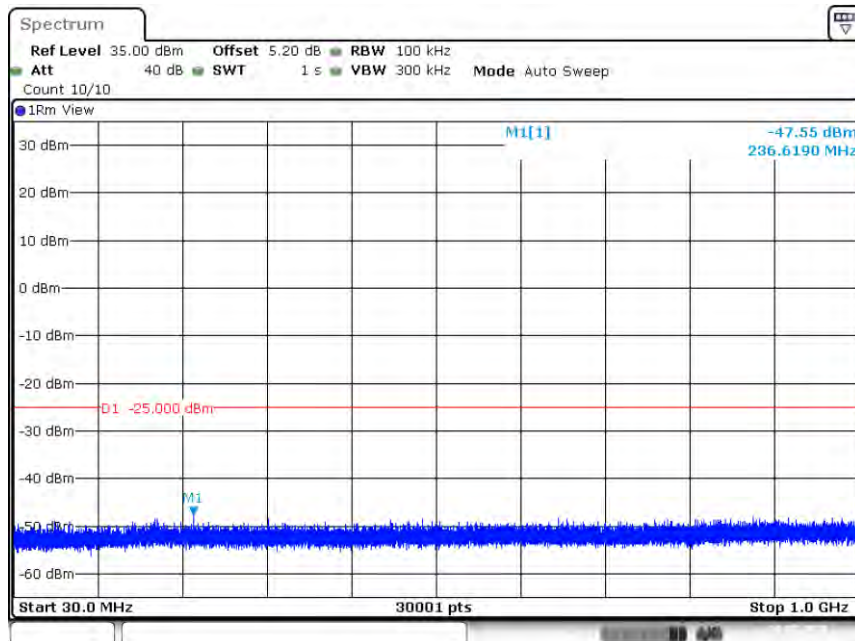


Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 31.JUL.2020 14:12:18

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



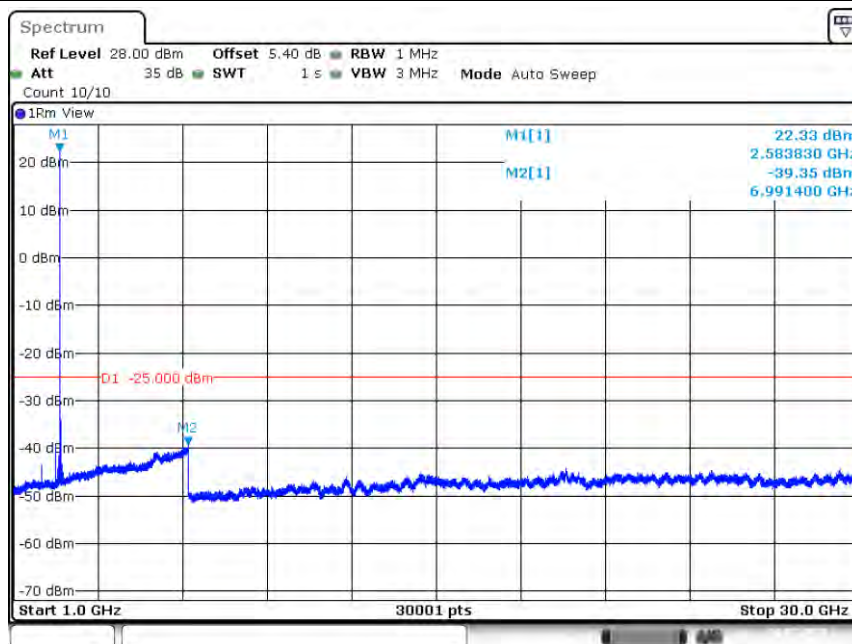
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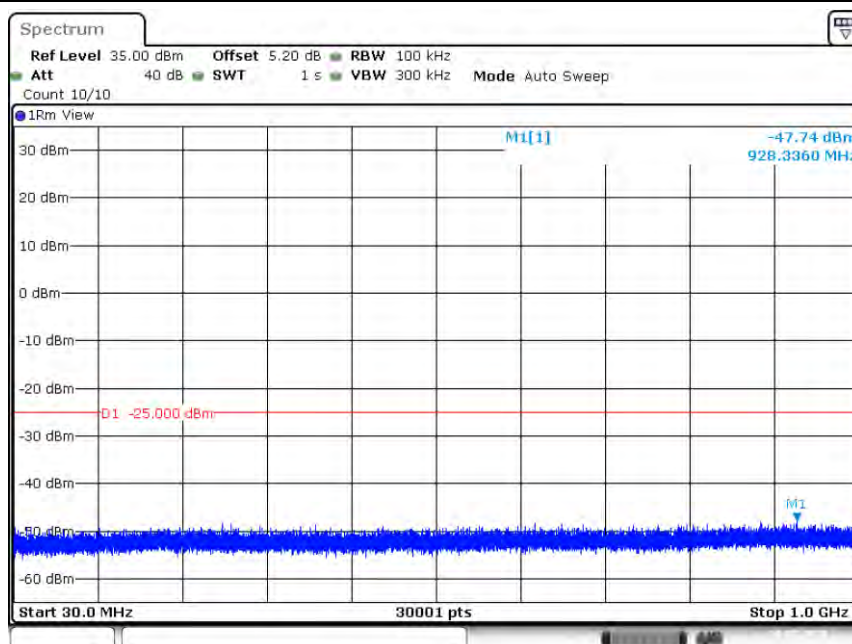
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Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 31 JUL 2020 14:13:28

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



Date: 31 JUL 2020 14:14:22

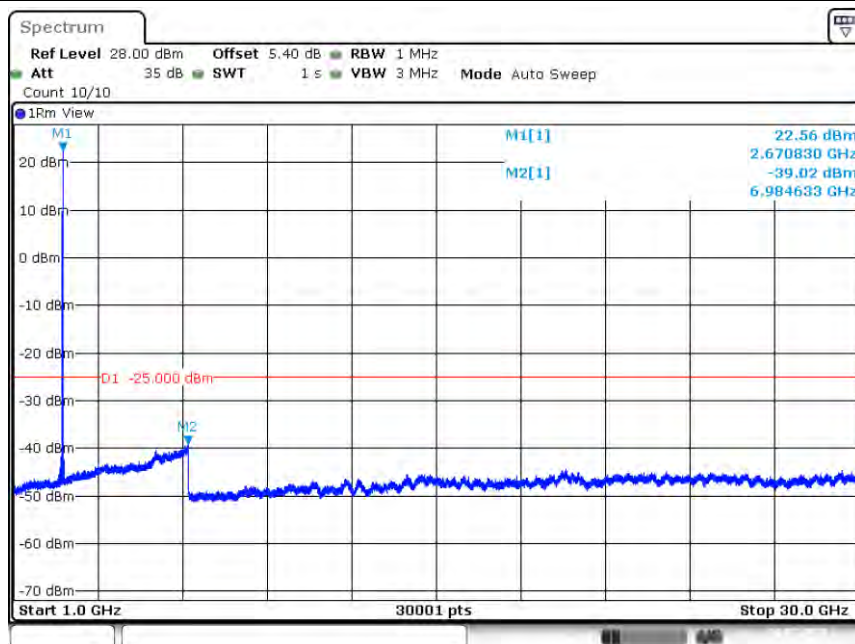


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Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



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7. Field Strength of Spurious Radiation

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

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.5036	-71.13	-25.00	46.13	Vertical
112.0661	-65.46	-25.00	40.46	Vertical
426.3133	-68.03	-25.00	43.03	Vertical
5072.0691	-55.55	-25.00	30.55	Vertical
10579.2526	-51.33	-25.00	26.33	Vertical
17998.5000	-40.08	-25.00	15.08	Vertical
43.2412	-63.48	-25.00	38.48	Horizontal
240.8400	-68.32	-25.00	43.32	Horizontal
582.8791	-63.39	-25.00	38.39	Horizontal
5072.0691	-51.05	-25.00	26.05	Horizontal
10566.7522	-51.55	-25.00	26.55	Horizontal
16366.9456	-43.73	-25.00	18.73	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9215	-71.65	-25.00	46.65	Vertical
110.9991	-65.10	-25.00	40.10	Vertical
392.8466	-68.21	-25.00	43.21	Vertical
5168.0723	-52.61	-25.00	27.61	Vertical
10586.7529	-51.39	-25.00	26.39	Vertical
17997.4999	-39.63	-25.00	14.63	Vertical
42.8046	-64.73	-25.00	39.73	Horizontal
102.5111	-75.06	-25.00	50.06	Horizontal
236.4748	-68.78	-25.00	43.78	Horizontal
5168.0723	-52.01	-25.00	27.01	Horizontal
9315.2105	-52.41	-25.00	27.41	Horizontal
16397.9466	-43.82	-25.00	18.82	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2126	-71.25	-25.00	46.25	Vertical
109.6895	-63.58	-25.00	38.58	Vertical
451.5831	-67.81	-25.00	42.81	Vertical
5272.0757	-57.47	-25.00	32.47	Vertical
10668.2556	-51.41	-25.00	26.41	Vertical
17996.4999	-39.25	-25.00	14.25	Vertical
42.5136	-64.14	-25.00	39.14	Horizontal
105.3243	-75.52	-25.00	50.52	Horizontal
231.2851	-68.64	-25.00	43.64	Horizontal
5272.5758	-53.76	-25.00	28.76	Horizontal
11243.2748	-51.86	-25.00	26.86	Horizontal
16390.4463	-43.89	-25.00	18.89	Horizontal



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

7.2.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3096	-71.08	-25.00	46.08	Vertical
110.5625	-64.15	-25.00	39.15	Vertical
308.5494	-69.34	-25.00	44.34	Vertical
5072.0691	-56.13	-25.00	31.13	Vertical
10700.2567	-51.49	-25.00	26.49	Vertical
17997.4999	-40.17	-25.00	15.17	Vertical
44.5507	-64.69	-25.00	39.69	Horizontal
106.2943	-75.05	-25.00	50.05	Horizontal
239.2880	-68.29	-25.00	43.29	Horizontal
5072.0691	-53.76	-25.00	28.76	Horizontal
10022.2341	-52.55	-25.00	27.55	Horizontal
16387.4462	-43.14	-25.00	18.14	Horizontal

7.2.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2126	-71.68	-25.00	46.68	Vertical
109.3015	-64.87	-25.00	39.87	Vertical
372.5726	-69.27	-25.00	44.27	Vertical
5168.0723	-55.08	-25.00	30.08	Vertical
10580.2527	-51.51	-25.00	26.51	Vertical
17996.9999	-40.51	-25.00	15.51	Vertical
41.8831	-64.38	-25.00	39.38	Horizontal
102.4626	-75.64	-25.00	50.64	Horizontal
245.8358	-68.45	-25.00	43.45	Horizontal
5168.0723	-56.12	-25.00	31.12	Horizontal
10021.2340	-52.47	-25.00	27.47	Horizontal
16391.9464	-43.93	-25.00	18.93	Horizontal



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7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-72.64	-25.00	47.64	Vertical
109.9805	-64.71	-25.00	39.71	Vertical
297.3454	-69.73	-25.00	44.73	Vertical
5272.0757	-55.00	-25.00	30.00	Vertical
11227.2742	-51.30	-25.00	26.30	Vertical
17992.4998	-39.79	-25.00	14.79	Vertical
42.4651	-64.19	-25.00	39.19	Horizontal
102.2201	-75.17	-25.00	50.17	Horizontal
231.2366	-68.71	-25.00	43.71	Horizontal
5272.0757	-53.70	-25.00	28.70	Horizontal
11271.2757	-51.64	-25.00	26.64	Horizontal
16398.9466	-43.65	-25.00	18.65	Horizontal

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	0.30	0.000120	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	0.30	0.000120	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-0.20	-0.000080	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-0.80	-0.000309	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	1.30	0.000501	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-0.60	-0.000231	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	1.00	0.000373	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-0.90	-0.000336	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-2.80	-0.001045	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	-2.50	-0.000998	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-1.10	-0.000439	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	-3.80	-0.001516	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-2.40	-0.000926	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	0.80	0.000309	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-1.00	-0.000386	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	0.50	0.000187	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	-1.20	-0.000448	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-1.40	-0.000559	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-1.80	-0.000718	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	0.20	0.000077	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-1.20	-0.000463	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-0.10	-0.000039	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	1.50	0.000560	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-0.80	-0.000299	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-0.10	-0.000037	±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
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Band41	20MHz	QPSK	39750	100RB#0	NV	-30	0.70	0.000279	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-3.30	-0.001317	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	0.30	0.000120	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-1.20	-0.000479	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	0.10	0.000040	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-1.30	-0.000519	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-1.70	-0.000678	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	-0.40	-0.000160	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-2.40	-0.000926	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-0.60	-0.000231	±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	-0.30	-0.000116	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-1.10	-0.000424	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-1.50	-0.000578	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	-0.20	-0.000077	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-1.00	-0.000386	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	0.00	0.000000	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	0.30	0.000112	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	-2.70	-0.001007	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	0.20	0.000075	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-1.20	-0.000448	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	0.50	0.000187	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	0.30	0.000112	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	1.30	0.000519	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	0.80	0.000319	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	-0.40	-0.000160	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-0.90	-0.000359	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	-1.40	-0.000559	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	0.20	0.000080	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	0.30	0.000120	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	0.30	0.000120	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	-1.30	-0.000501	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	-1.40	-0.000540	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-3.10	-0.001196	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	-1.50	-0.000578	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	1.10	0.000424	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	2.30	0.000887	±2.5	PASS



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Band41	20MHz	64QAM	40620	100RB#0	NV	40	0.70	0.000270	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	-0.50	-0.000193	±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	1.50	0.000560	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	1.60	0.000597	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-0.70	-0.000261	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	-0.70	-0.000261	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	1.70	0.000634	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-0.30	-0.000112	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	-1.70	-0.000634	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-0.80	-0.000319	±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	0	-2.20	-0.000878	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-0.40	-0.000160	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	0.50	0.000200	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-1.90	-0.000758	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	0.60	0.000239	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-2.30	-0.000918	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-1.90	-0.000733	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-1.40	-0.000540	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-0.60	-0.000231	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	1.00	0.000386	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	0.80	0.000309	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-2.30	-0.000887	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	-0.50	-0.000193	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	-0.30	-0.000116	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	1.50	0.000560	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-1.40	-0.000522	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-0.20	-0.000075	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	1.30	0.000485	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	-1.90	-0.000709	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-0.60	-0.000224	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-0.20	-0.000075	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-0.70	-0.000261	±2.5	PASS



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