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 Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	25.63	24.88	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.60	24.85	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	25.59	24.84	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	24.70	23.95	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	24.67	23.92	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	24.65	23.90	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	24.68	23.93	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	25.67	24.92	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	25.68	24.93	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	25.70	24.95	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	24.74	23.99	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	24.71	23.96	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	24.69	23.94	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.68	23.93	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	25.48	24.73	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	25.42	24.67	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.49	24.74	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	24.51	23.76	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	24.51	23.76	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.55	23.80	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.47	23.72	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	24.80	24.05	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	24.79	24.04	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.78	24.03	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	23.66	22.91	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	23.61	22.86	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	23.58	22.83	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.75	23.00	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.76	24.01	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	24.75	24.00	33.00	PASS

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Band41	5MHz	16QAM	40620	1RB#24	24.75	24.00	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	23.67	22.92	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	23.62	22.87	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	23.59	22.84	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	23.75	23.00	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.58	23.83	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.51	23.76	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.59	23.84	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	23.54	22.79	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	23.55	22.80	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	23.57	22.82	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.63	22.88	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	23.26	22.51	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	23.29	22.54	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	23.19	22.44	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	22.22	21.47	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	22.32	21.57	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	22.28	21.53	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	22.20	21.45	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	23.17	22.42	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	23.19	22.44	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	23.36	22.61	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	22.18	21.43	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	22.19	21.44	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	22.30	21.55	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	22.17	21.42	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	23.36	22.61	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	23.28	22.53	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	23.21	22.46	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	22.31	21.56	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	22.27	21.52	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	22.28	21.53	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	22.24	21.49	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	25.59	24.84	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.56	24.81	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	25.53	24.78	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	24.67	23.92	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	24.65	23.90	33.00	PASS

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Band41	10MHz	QPSK	39700	25RB#25	24.66	23.91	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	24.68	23.93	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	25.64	24.89	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	25.63	24.88	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	25.59	24.84	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	24.67	23.92	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	24.68	23.93	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	24.67	23.92	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.74	23.99	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	25.43	24.68	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.47	24.72	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	25.49	24.74	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.45	23.70	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	24.39	23.64	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.41	23.66	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.38	23.63	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	24.71	23.96	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	24.70	23.95	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	24.68	23.93	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	23.71	22.96	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	23.64	22.89	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	23.65	22.90	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.61	22.86	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	24.68	23.93	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.69	23.94	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.67	23.92	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	23.68	22.93	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	23.64	22.89	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	23.65	22.90	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.66	22.91	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.34	23.59	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.31	23.56	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.37	23.62	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.39	22.64	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	23.31	22.56	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	23.36	22.61	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	23.38	22.63	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	23.19	22.44	33.00	PASS

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Band41	10MHz	64QAM	39700	1RB#49	23.19	22.44	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	22.32	21.57	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	22.24	21.49	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	22.23	21.48	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	22.23	21.48	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	23.38	22.63	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	23.22	22.47	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	23.22	22.47	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	22.24	21.49	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	22.19	21.44	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	22.25	21.50	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	22.27	21.52	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	23.17	22.42	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	23.27	22.52	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	23.23	22.48	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	22.31	21.56	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	22.28	21.53	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	22.31	21.56	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	22.31	21.56	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.59	24.84	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	25.61	24.86	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	25.54	24.79	33.00	PASS
Band41	15MHz	QPSK	39725	38RB#0	24.66	23.91	33.00	PASS
Band41	15MHz	QPSK	39725	38RB#18	24.67	23.92	33.00	PASS
Band41	15MHz	QPSK	39725	38RB#37	24.69	23.94	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	24.65	23.90	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	25.61	24.86	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	25.62	24.87	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	25.52	24.77	33.00	PASS
Band41	15MHz	QPSK	40620	38RB#0	24.66	23.91	33.00	PASS
Band41	15MHz	QPSK	40620	38RB#18	24.64	23.89	33.00	PASS
Band41	15MHz	QPSK	40620	38RB#37	24.62	23.87	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.68	23.93	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	25.28	24.53	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	25.21	24.46	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	25.31	24.56	33.00	PASS
Band41	15MHz	QPSK	41515	38RB#0	24.29	23.54	33.00	PASS

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Band41	15MHz	QPSK	41515	38RB#18	24.32	23.57	33.00	PASS
Band41	15MHz	QPSK	41515	38RB#37	24.27	23.52	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.33	23.58	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.61	23.86	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.63	23.88	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.55	23.80	33.00	PASS
Band41	15MHz	16QAM	39725	38RB#0	23.69	22.94	33.00	PASS
Band41	15MHz	16QAM	39725	38RB#18	23.68	22.93	33.00	PASS
Band41	15MHz	16QAM	39725	38RB#37	23.72	22.97	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.67	22.92	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.54	23.79	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.46	23.71	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.75	24.00	33.00	PASS
Band41	15MHz	16QAM	40620	38RB#0	23.71	22.96	33.00	PASS
Band41	15MHz	16QAM	40620	38RB#18	23.71	22.96	33.00	PASS
Band41	15MHz	16QAM	40620	38RB#37	23.65	22.90	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.65	22.90	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.58	23.83	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.51	23.76	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.54	23.79	33.00	PASS
Band41	15MHz	16QAM	41515	38RB#0	23.40	22.65	33.00	PASS
Band41	15MHz	16QAM	41515	38RB#18	23.39	22.64	33.00	PASS
Band41	15MHz	16QAM	41515	38RB#37	23.43	22.68	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.40	22.65	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	23.32	22.57	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	23.32	22.57	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	23.35	22.60	33.00	PASS
Band41	15MHz	64QAM	39725	38RB#0	22.18	21.43	33.00	PASS
Band41	15MHz	64QAM	39725	38RB#18	22.17	21.42	33.00	PASS
Band41	15MHz	64QAM	39725	38RB#37	22.28	21.53	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	22.23	21.48	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	23.20	22.45	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	23.32	22.57	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	23.40	22.65	33.00	PASS
Band41	15MHz	64QAM	40620	38RB#0	22.30	21.55	33.00	PASS
Band41	15MHz	64QAM	40620	38RB#18	22.25	21.50	33.00	PASS
Band41	15MHz	64QAM	40620	38RB#37	22.28	21.53	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	22.24	21.49	33.00	PASS

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Band41	15MHz	64QAM	41515	1RB#0	23.27	22.52	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	23.24	22.49	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	23.26	22.51	33.00	PASS
Band41	15MHz	64QAM	41515	38RB#0	22.24	21.49	33.00	PASS
Band41	15MHz	64QAM	41515	38RB#18	22.30	21.55	33.00	PASS
Band41	15MHz	64QAM	41515	38RB#37	22.19	21.44	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	22.19	21.44	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.57	24.82	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.63	24.88	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	25.52	24.77	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	24.69	23.94	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	24.71	23.96	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	24.76	24.01	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.69	23.94	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	25.53	24.78	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.64	24.89	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.50	24.75	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	24.68	23.93	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	24.71	23.96	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	24.59	23.84	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.66	23.91	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.34	24.59	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.31	24.56	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.29	24.54	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	24.35	23.60	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	24.27	23.52	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.29	23.54	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.35	23.60	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.61	23.86	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.55	23.80	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.75	24.00	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	23.71	22.96	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	23.73	22.98	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	23.77	23.02	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.71	22.96	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.74	23.99	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.78	24.03	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.64	23.89	33.00	PASS

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Band41	20MHz	16QAM	40620	50RB#0	23.69	22.94	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.73	22.98	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	23.71	22.96	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.72	22.97	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.43	23.68	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.45	23.70	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	24.41	23.66	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	23.44	22.69	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	23.47	22.72	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.41	22.66	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.53	22.78	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	23.34	22.59	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	23.21	22.46	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	23.38	22.63	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	22.20	21.45	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	22.19	21.44	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	22.20	21.45	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	22.21	21.46	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	23.18	22.43	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	23.35	22.60	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	23.35	22.60	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	22.28	21.53	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	22.25	21.50	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	22.24	21.49	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	22.29	21.54	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	23.41	22.66	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	23.22	22.47	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	23.21	22.46	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	22.19	21.44	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	22.20	21.45	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	22.23	21.48	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	22.27	21.52	33.00	PASS

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ANT2：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	24.11	20.91	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	24.09	20.89	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.08	20.88	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	23.16	19.96	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	23.17	19.97	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	23.16	19.96	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.31	20.11	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	24.17	20.97	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	24.14	20.94	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.16	20.96	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	23.19	19.99	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	23.18	19.98	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	23.16	19.96	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	23.19	19.99	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	24.06	20.86	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.09	20.89	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	24.14	20.94	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.07	19.87	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.03	19.83	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	23.04	19.84	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	23.03	19.83	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	23.28	20.08	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	23.25	20.05	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	23.27	20.07	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	22.13	18.93	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	22.12	18.92	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	22.11	18.91	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	22.26	19.06	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	23.28	20.08	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	23.29	20.09	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	23.18	19.98	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	22.16	18.96	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	22.19	18.99	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	22.21	19.01	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	22.26	19.06	33.00	PASS

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Band41	5MHz	16QAM	41565	1RB#0	23.15	19.95	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	23.12	19.92	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	23.16	19.96	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.09	18.89	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	22.07	18.87	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	22.07	18.87	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	22.22	19.02	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	22.38	19.18	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	22.06	18.86	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	22.31	19.11	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.43	18.23	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.54	18.34	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	21.02	17.82	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.50	18.30	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	22.37	19.17	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	22.05	18.85	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	22.38	19.18	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.39	18.19	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.36	18.16	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	21.27	18.07	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	21.39	18.19	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	22.26	19.06	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	22.39	19.19	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	22.33	19.13	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	21.28	18.08	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	21.15	17.95	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	21.09	17.89	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	21.52	18.32	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.11	20.91	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	24.09	20.89	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.08	20.88	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	23.16	19.96	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	23.17	19.97	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	23.16	19.96	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	23.31	20.11	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	24.15	20.95	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.17	20.97	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.19	20.99	33.00	PASS

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Band41	10MHz	QPSK	40620	25RB#0	23.21	20.01	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	23.19	19.99	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	23.25	20.05	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	23.22	20.02	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.03	20.83	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	24.05	20.85	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.01	20.81	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	23.05	19.85	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	23.01	19.81	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	23.08	19.88	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	23.07	19.87	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	23.28	20.08	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	23.25	20.05	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	23.27	20.07	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	22.13	18.93	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	22.12	18.92	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	22.11	18.91	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	22.26	19.06	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	23.21	20.01	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	23.19	19.99	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	23.25	20.05	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	22.19	18.99	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	22.17	18.97	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	22.21	19.01	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	22.19	18.99	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	23.06	19.86	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	23.08	19.88	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	23.06	19.86	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	22.11	18.91	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.14	18.94	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	22.12	18.92	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.12	18.92	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	22.38	19.18	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	22.06	18.86	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	22.31	19.11	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	21.43	18.23	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	21.54	18.34	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	21.02	17.82	33.00	PASS

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Band41	10MHz	64QAM	39700	50RB#0	21.50	18.30	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	22.14	18.94	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	22.13	18.93	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	22.23	19.03	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.52	18.32	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.26	18.06	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	21.17	17.97	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.30	18.10	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	22.03	18.83	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	22.25	19.05	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	22.51	19.31	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.20	18.00	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.06	17.86	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.47	18.27	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	21.42	18.22	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	24.07	20.87	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.11	20.91	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.08	20.88	33.00	PASS
Band41	15MHz	QPSK	39725	38RB#0	23.14	19.94	33.00	PASS
Band41	15MHz	QPSK	39725	38RB#18	23.15	19.95	33.00	PASS
Band41	15MHz	QPSK	39725	38RB#37	23.18	19.98	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.17	19.97	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.12	20.92	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.15	20.95	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.17	20.97	33.00	PASS
Band41	15MHz	QPSK	40620	38RB#0	23.18	19.98	33.00	PASS
Band41	15MHz	QPSK	40620	38RB#18	23.17	19.97	33.00	PASS
Band41	15MHz	QPSK	40620	38RB#37	23.21	20.01	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	23.21	20.01	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	23.97	20.77	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.03	20.83	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	23.95	20.75	33.00	PASS
Band41	15MHz	QPSK	41515	38RB#0	22.99	19.79	33.00	PASS
Band41	15MHz	QPSK	41515	38RB#18	23.01	19.81	33.00	PASS
Band41	15MHz	QPSK	41515	38RB#37	23.02	19.82	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	23.01	19.81	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	23.41	20.21	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	23.49	20.29	33.00	PASS

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Band41	15MHz	16QAM	39725	1RB#74	23.43	20.23	33.00	PASS
Band41	15MHz	16QAM	39725	38RB#0	22.17	18.97	33.00	PASS
Band41	15MHz	16QAM	39725	38RB#18	22.12	18.92	33.00	PASS
Band41	15MHz	16QAM	39725	38RB#37	22.19	18.99	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	22.19	18.99	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	23.35	20.15	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	23.34	20.14	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	23.37	20.17	33.00	PASS
Band41	15MHz	16QAM	40620	38RB#0	22.17	18.97	33.00	PASS
Band41	15MHz	16QAM	40620	38RB#18	22.13	18.93	33.00	PASS
Band41	15MHz	16QAM	40620	38RB#37	22.19	18.99	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	22.21	19.01	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	23.19	19.99	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	23.15	19.95	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	23.21	20.01	33.00	PASS
Band41	15MHz	16QAM	41515	38RB#0	22.12	18.92	33.00	PASS
Band41	15MHz	16QAM	41515	38RB#18	22.21	19.01	33.00	PASS
Band41	15MHz	16QAM	41515	38RB#37	22.19	18.99	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	22.09	18.89	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	22.44	19.24	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	22.48	19.28	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	22.19	18.99	33.00	PASS
Band41	15MHz	64QAM	39725	38RB#0	21.31	18.11	33.00	PASS
Band41	15MHz	64QAM	39725	38RB#18	21.28	18.08	33.00	PASS
Band41	15MHz	64QAM	39725	38RB#37	21.47	18.27	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	21.51	18.31	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	22.12	18.92	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	22.02	18.82	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	22.11	18.91	33.00	PASS
Band41	15MHz	64QAM	40620	38RB#0	21.54	18.34	33.00	PASS
Band41	15MHz	64QAM	40620	38RB#18	21.22	18.02	33.00	PASS
Band41	15MHz	64QAM	40620	38RB#37	21.20	18.00	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.36	18.16	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	22.17	18.97	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	22.35	19.15	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	22.49	19.29	33.00	PASS
Band41	15MHz	64QAM	41515	38RB#0	21.04	17.84	33.00	PASS
Band41	15MHz	64QAM	41515	38RB#18	21.21	18.01	33.00	PASS

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Band41	15MHz	64QAM	41515	75RB#0	21.24	18.04	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	24.09	20.89	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	24.02	20.82	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	24.04	20.84	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	23.14	19.94	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	23.21	20.01	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	23.19	19.99	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	23.20	20.00	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.02	20.82	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	24.45	21.25	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	24.05	20.85	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	23.24	20.04	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	23.26	20.06	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	23.17	19.97	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	23.22	20.02	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.94	20.74	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	24.02	20.82	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.92	20.72	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	23.01	19.81	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	23.05	19.85	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	23.07	19.87	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	23.02	19.82	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	23.27	20.07	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	23.29	20.09	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	23.25	20.05	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	22.16	18.96	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	22.20	19.00	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	22.26	19.06	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	22.22	19.02	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	23.25	20.05	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	23.17	19.97	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	23.21	20.01	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	22.20	19.00	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	22.23	19.03	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	22.25	19.05	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	22.21	19.01	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	23.08	19.88	33.00	PASS

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Band41	20MHz	16QAM	41490	1RB#49	23.17	19.97	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	23.06	19.86	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	22.07	18.87	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	22.12	18.92	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	22.16	18.96	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	22.13	18.93	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	22.31	19.11	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	22.06	18.86	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	22.53	19.33	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.14	17.94	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	21.19	17.99	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	21.14	17.94	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.11	17.91	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	22.19	18.99	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	22.22	19.02	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	22.41	19.21	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.25	18.05	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	21.35	18.15	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	21.21	18.01	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	21.01	17.81	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	22.28	19.08	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	22.09	18.89	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	22.24	19.04	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.10	17.90	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	21.11	17.91	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	21.04	17.84	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	21.50	18.30	33.00	PASS

Remark:

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

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

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

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2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.96	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.84	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.84	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.54	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.54	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.71	13	PASS
Band41	20MHz	64QAM	39750	1RB#0	9.48	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	9.88	13	PASS
Band41	20MHz	64QAM	40620	1RB#0	9.48	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	9.83	13	PASS
Band41	20MHz	64QAM	41490	1RB#0	9.45	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.80	13	PASS

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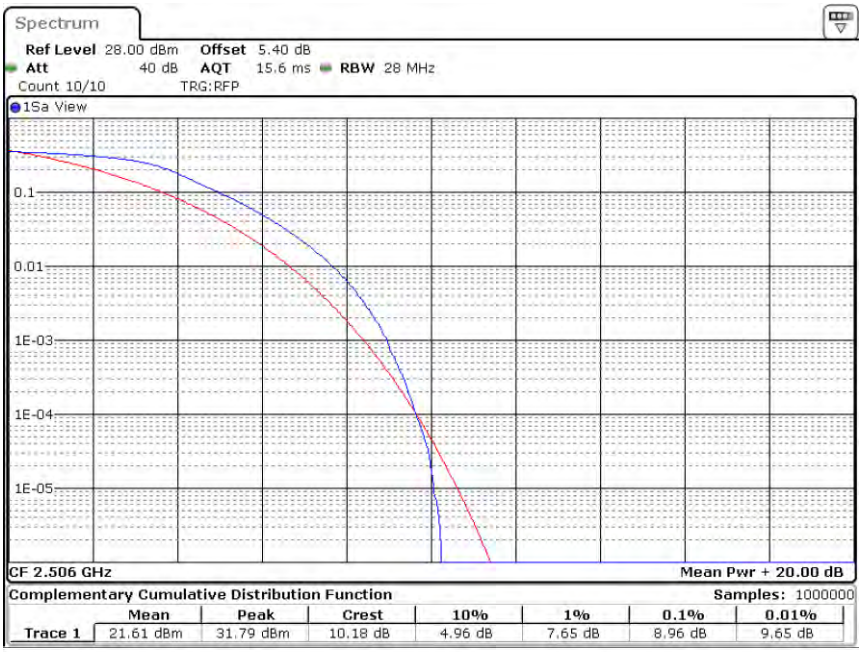
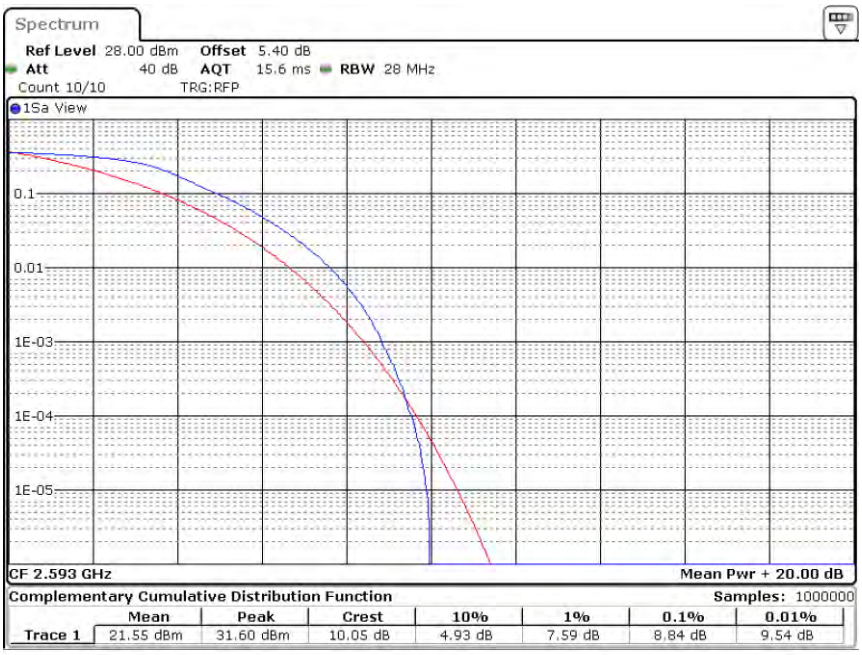
2.2 Test Plots

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



Date: 15.SEP.2020 12:46:34

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



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

Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	21.41 dBm	31.51 dBm	10.10 dB	4.87 dB	7.62 dB	8.84 dB	9.57 dB

Date: 15.SEP.2020 12:47:32

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

Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	20.61 dBm	32.16 dBm	11.55 dB	5.39 dB	8.12 dB	9.54 dB	10.49 dB

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

Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	20.62 dBm	32.14 dBm	11.51 dB	5.39 dB	8.14 dB	9.54 dB	10.43 dB

Date: 15.SEP.2020 12:47:17

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

Complementary Cumulative Distribution Function — Samples: 1000000

	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	20.40 dBm	31.88 dBm	11.49 dB	5.45 dB	8.26 dB	9.71 dB	10.61 dB

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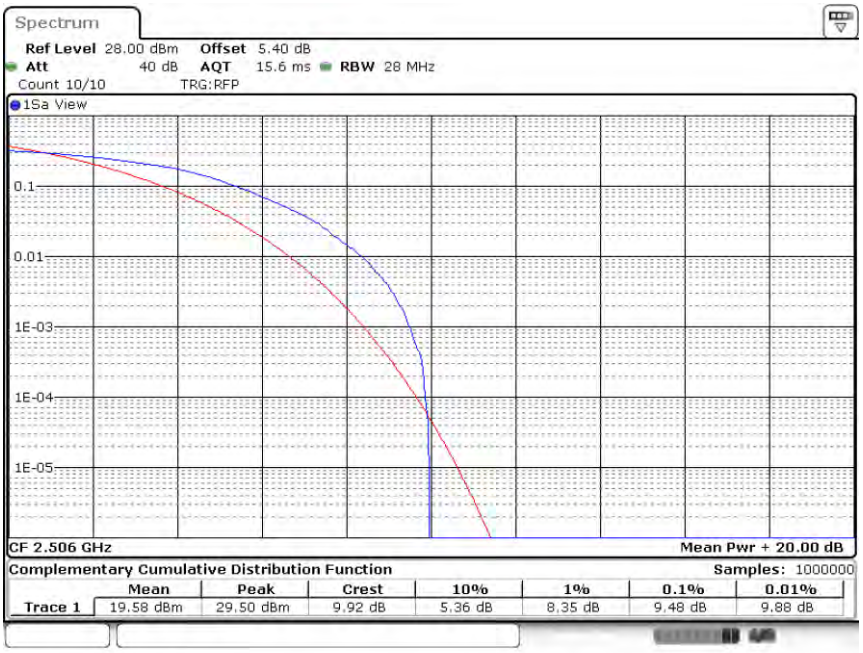
Band41-20MHz-64QAM-39750-1RB#0



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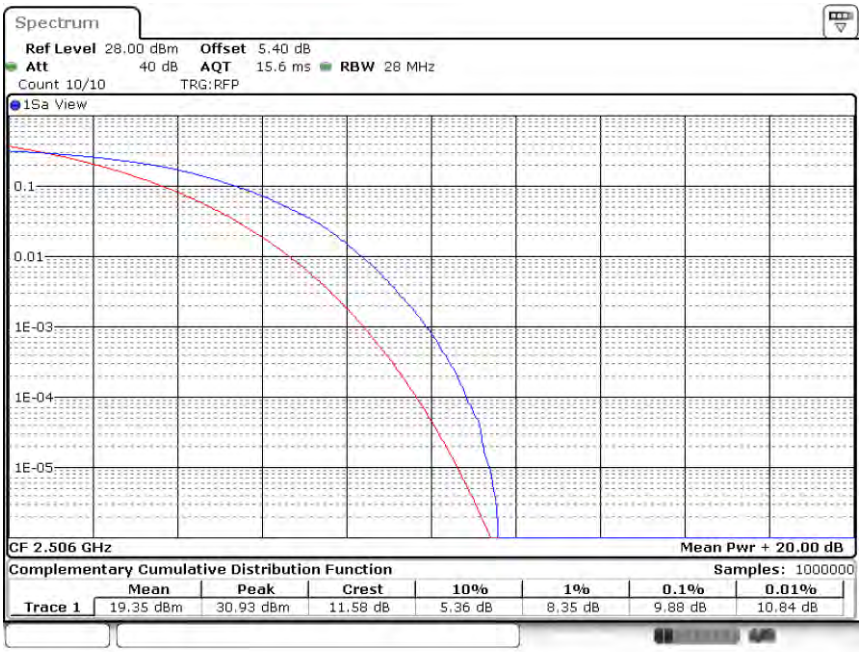
Band41-20MHz-64QAM-39750-100RB#0



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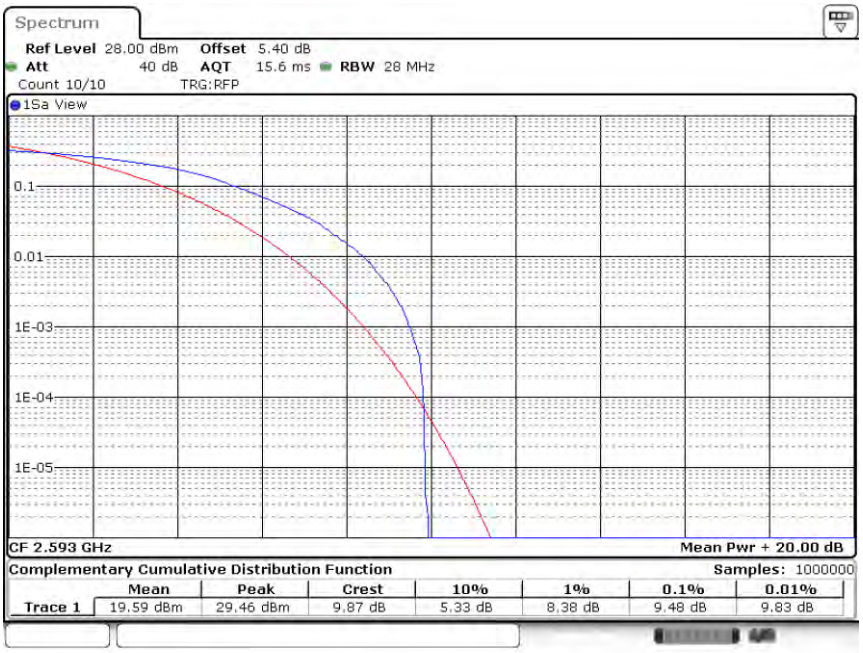
Band41-20MHz-64QAM-40620-1RB#0



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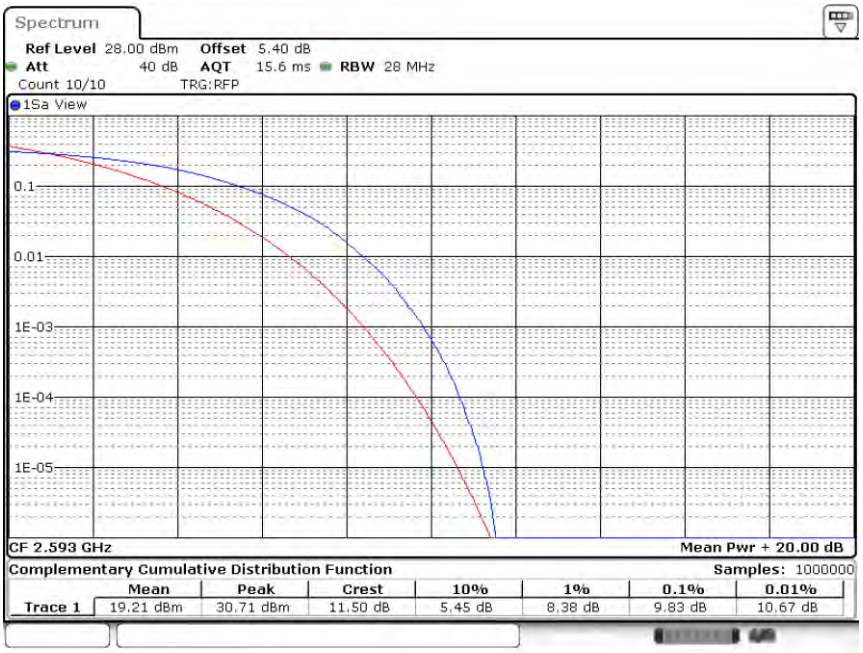
Band41-20MHz-64QAM-40620-100RB#0



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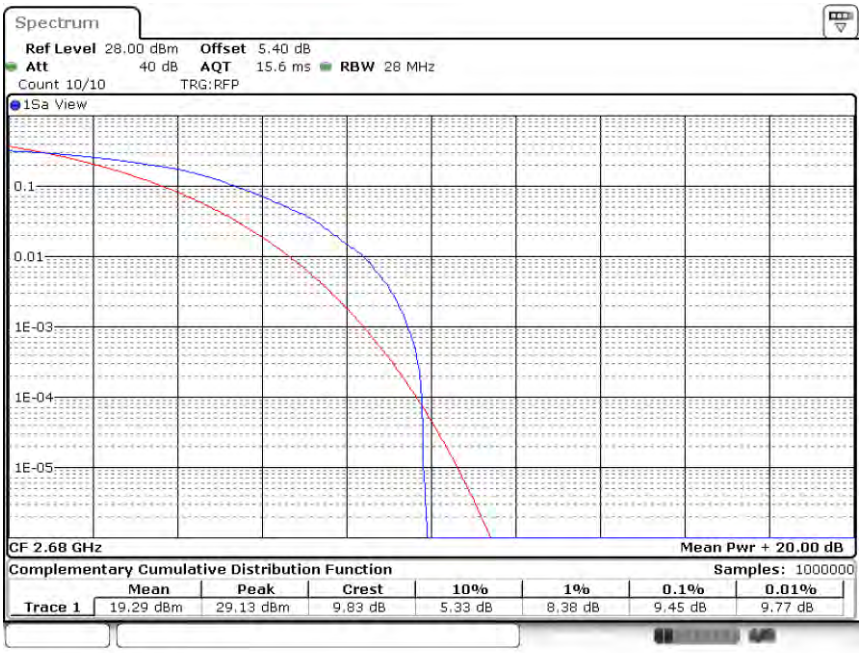
Band41-20MHz-64QAM-41490-1RB#0



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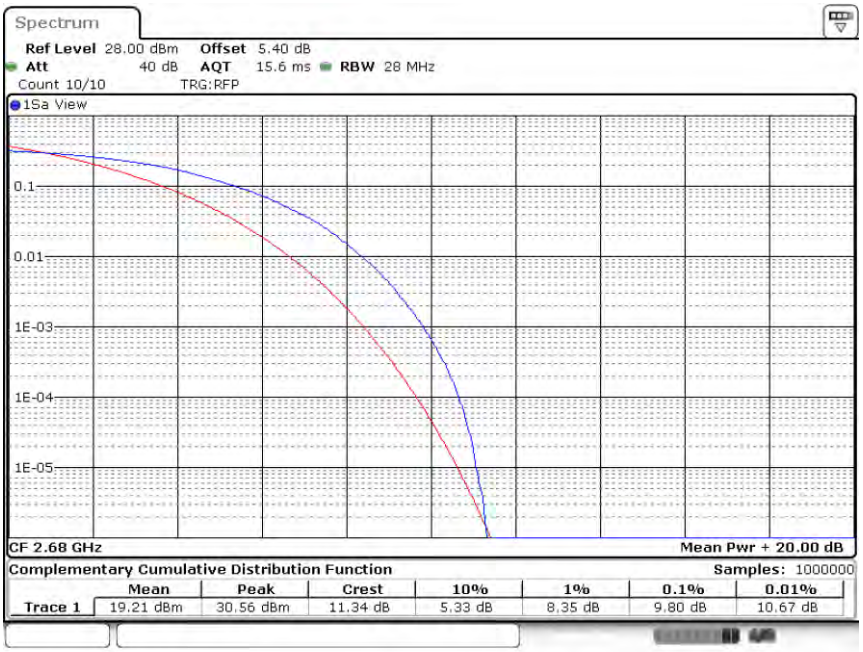

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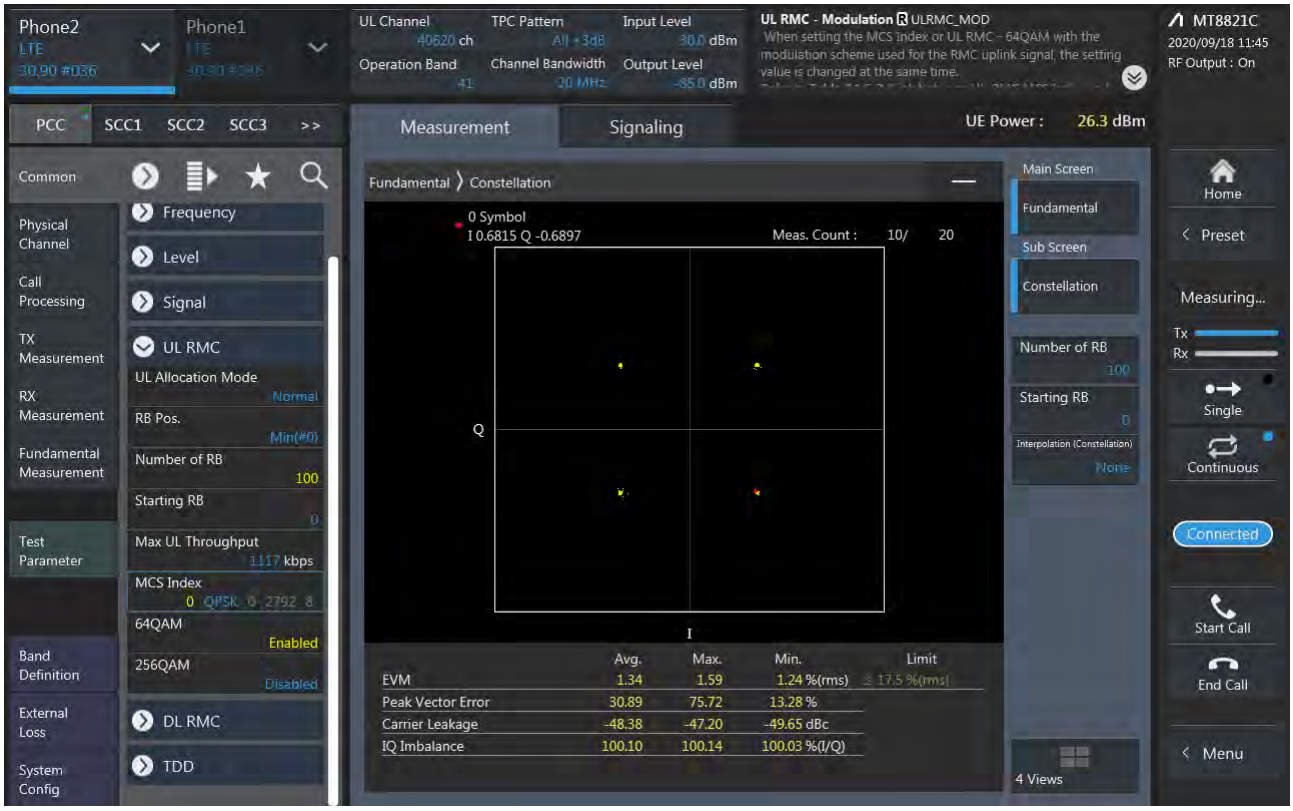
3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

3.1.1 Test Channel = MCH



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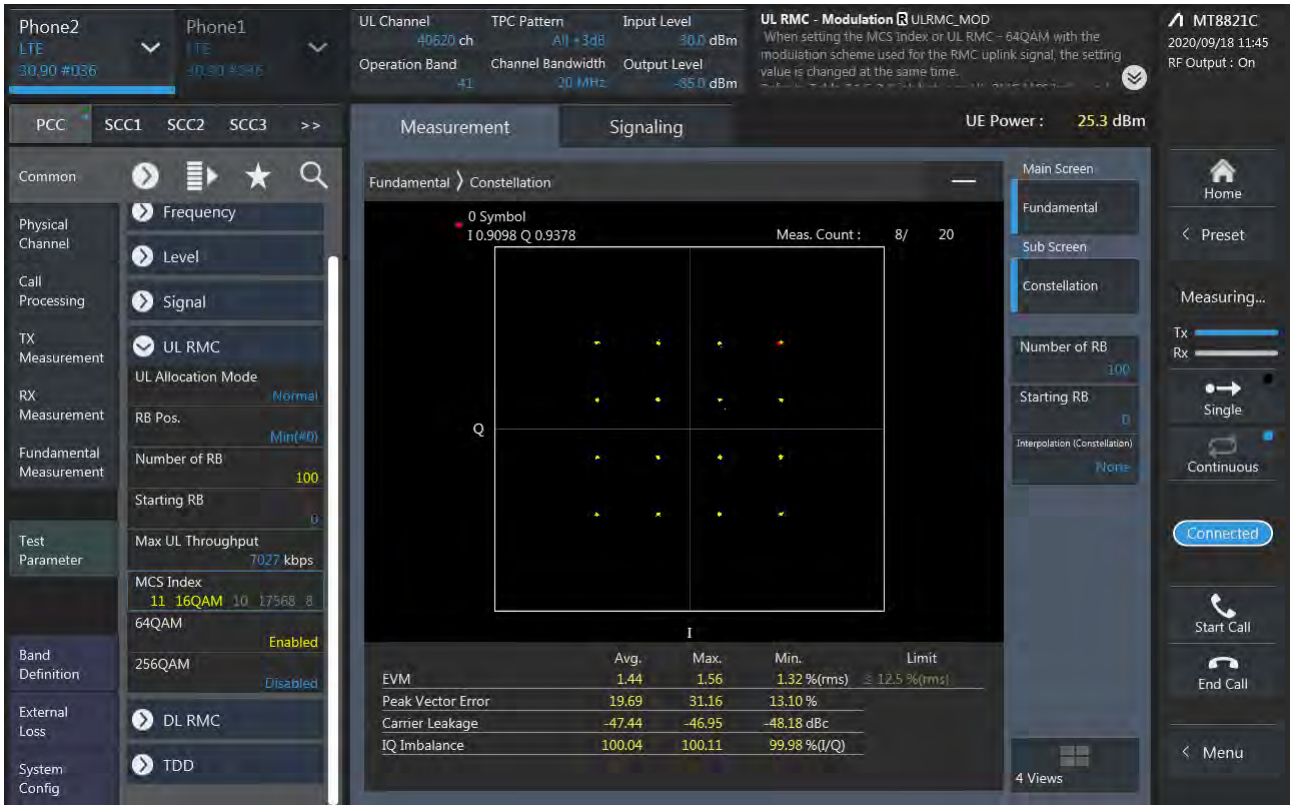
3.2 Test Mode = LTE /TM2 20MHz

3.2.1 Test Channel = MCH



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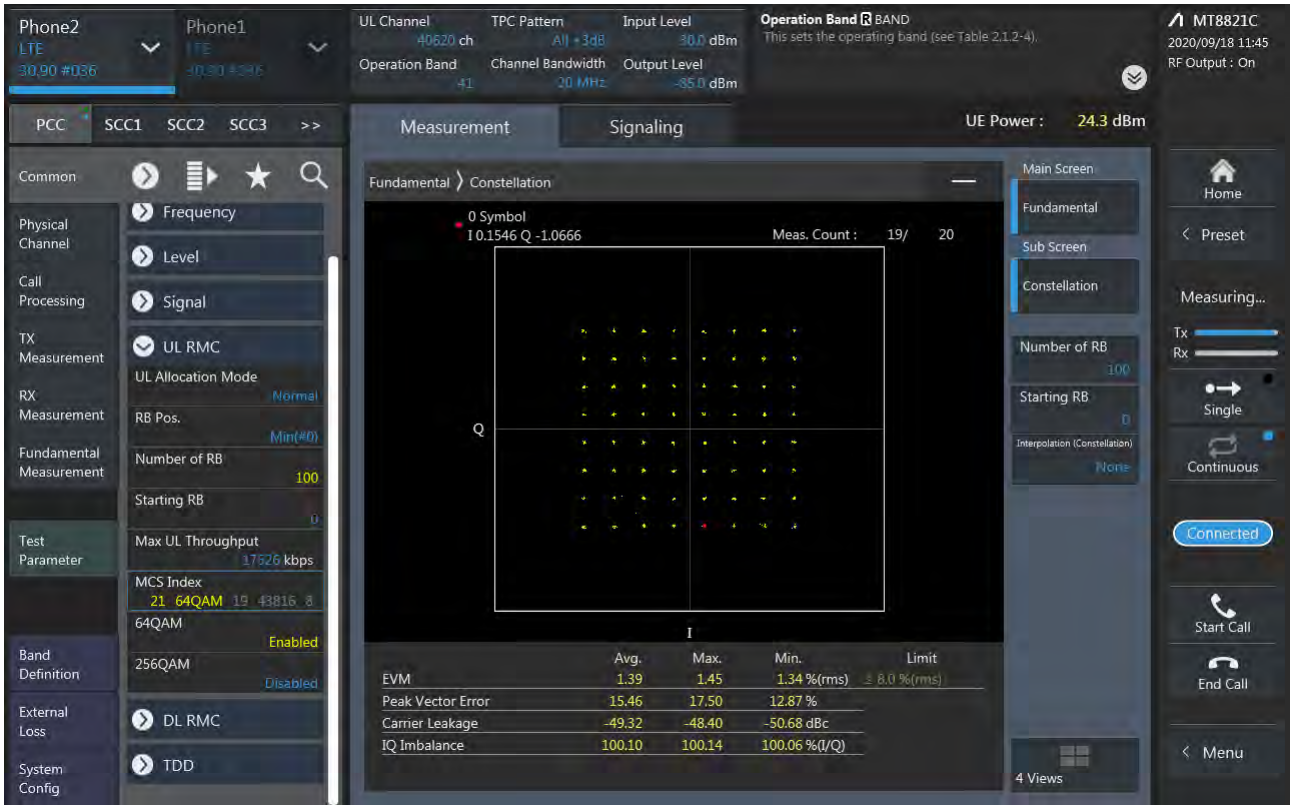
3.3 Test Mode = LTE /TM3 20MHz

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	4.880	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.476	4.900	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.476	4.870	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.496	4.900	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.900	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.890	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.486	4.990	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.486	4.980	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.486	4.980	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.918	9.933	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.918	9.767	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.918	9.967	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.985	10.733	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.918	9.900	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.985	10.700	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.952	10.433	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.952	10.133	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.952	10.467	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.478	15.350	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.478	16.000	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.478	15.800	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.478	14.950	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.478	15.700	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.478	15.500	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.478	14.900	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.478	15.050	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.478	15.000	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.97	20.400	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.97	20.267	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.97	20.000	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.903	19.333	PASS

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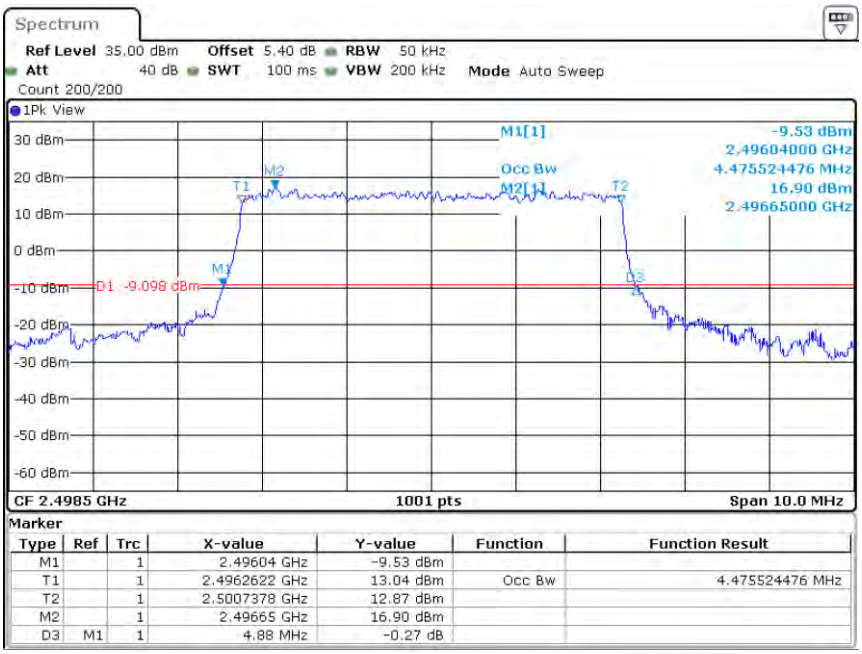
Band41	20MHz	16QAM	40620	100RB#0	17.903	19.333	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.903	19.333	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.97	19.467	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.903	19.467	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.97	19.400	PASS

4.2 Test Plots

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



Date: 15.SEP.2020 13:38:17

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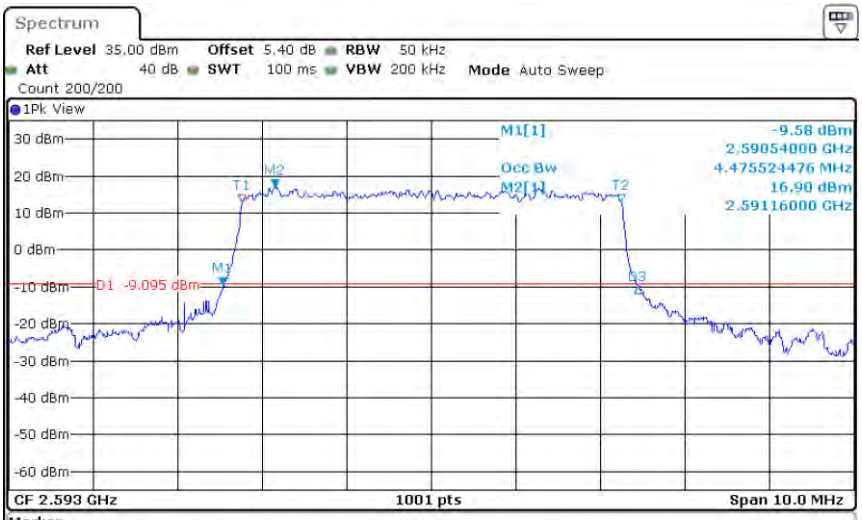
Band41-5MHz-QPSK-40620-25RB#0-4.476



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59054 GHz	-9.58 dBm		
T1		1	2.5907622 GHz	12.97 dBm	Occ Bw	4.475524476 MHz
T2		1	2.5952378 GHz	12.82 dBm		
M2		1	2.59116 GHz	16.90 dBm		
D3	M1	1	4.9 MHz	-0.34 dB		

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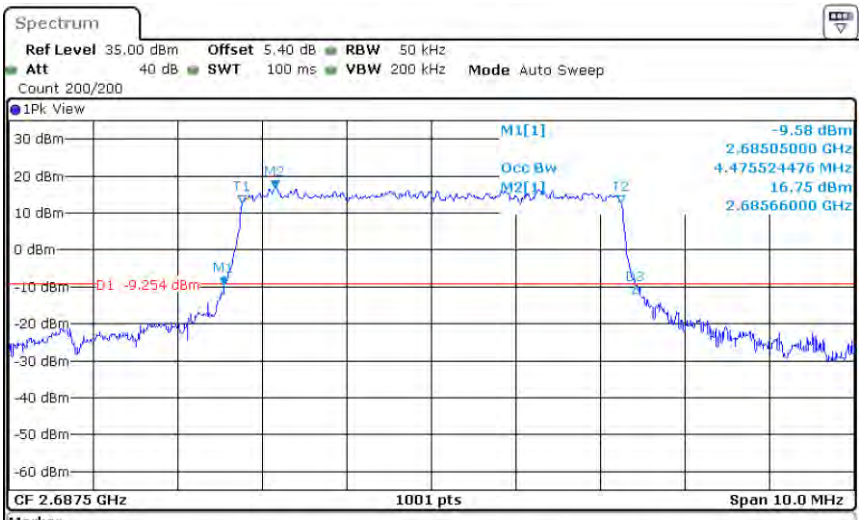
Band41-5MHz-QPSK-41565-25RB#0-4.476



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.68505 GHz	-9.58 dBm		
T1		1	2.6852622 GHz	12.70 dBm	Occ Bw	4.475524476 MHz
T2		1	2.6897378 GHz	12.67 dBm		
M2		1	2.68566 GHz	16.75 dBm		
D3	M1	1	4.87 MHz	-0.13 dB		

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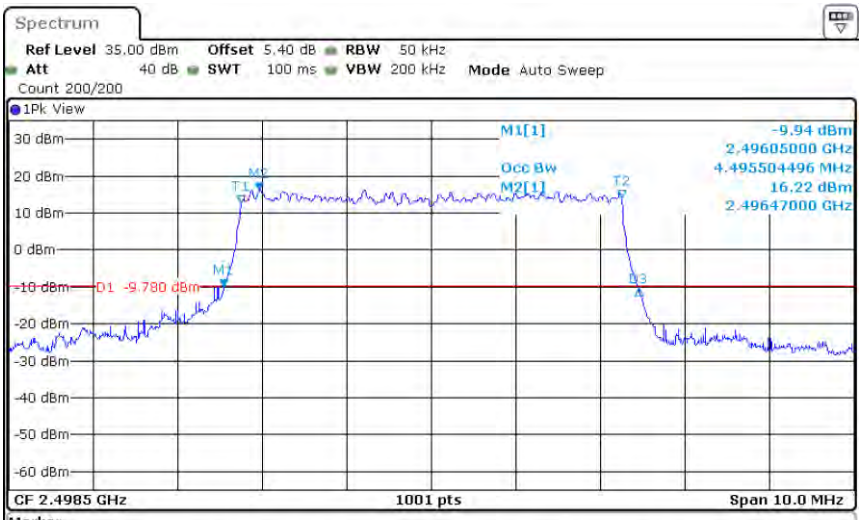
Band41-5MHz-16QAM-39675-25RB#0-4.496



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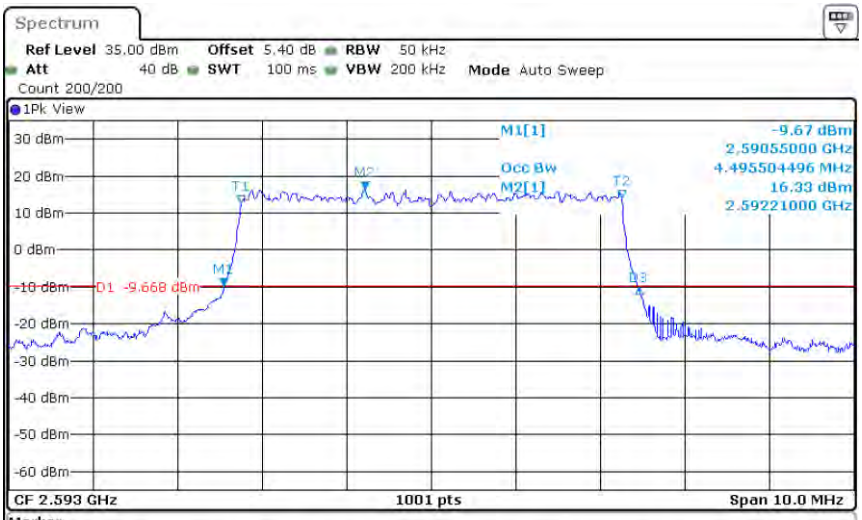
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.49605 GHz	-9.94 dBm		
T1		1	2.4962522 GHz	12.66 dBm	Occ Bw	4.495504496 MHz
T2		1	2.5007478 GHz	14.07 dBm		
M2		1	2.49647 GHz	16.22 dBm		
D3	M1	1	4.9 MHz	-0.43 dB		

Date: 15.SEP.2020 13:39:48

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.59055 GHz	-9.67 dBm		
T1		1	2.5907522 GHz	12.72 dBm	Occ Bw	4.495504496 MHz
T2		1	2.5952478 GHz	14.05 dBm		
M2		1	2.59221 GHz	16.33 dBm		
D3	M1	1	4.9 MHz	-0.42 dB		

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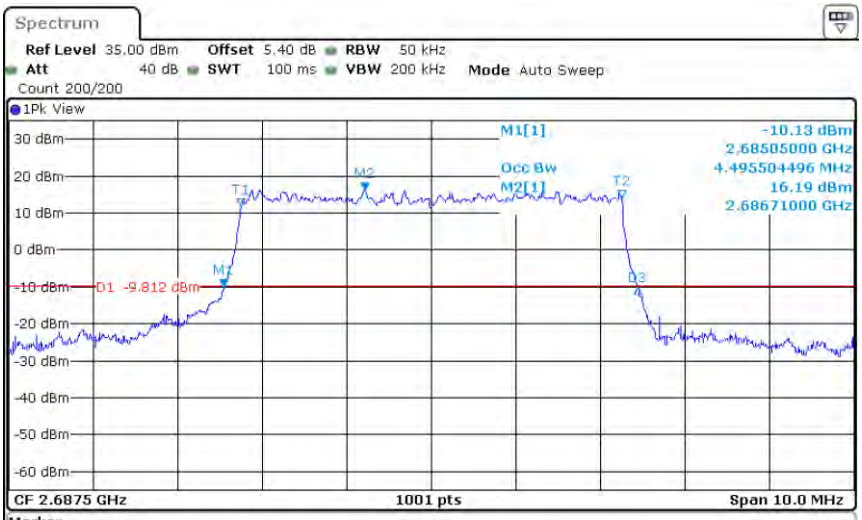
Band41-5MHz-16QAM-41565-25RB#0-4.496

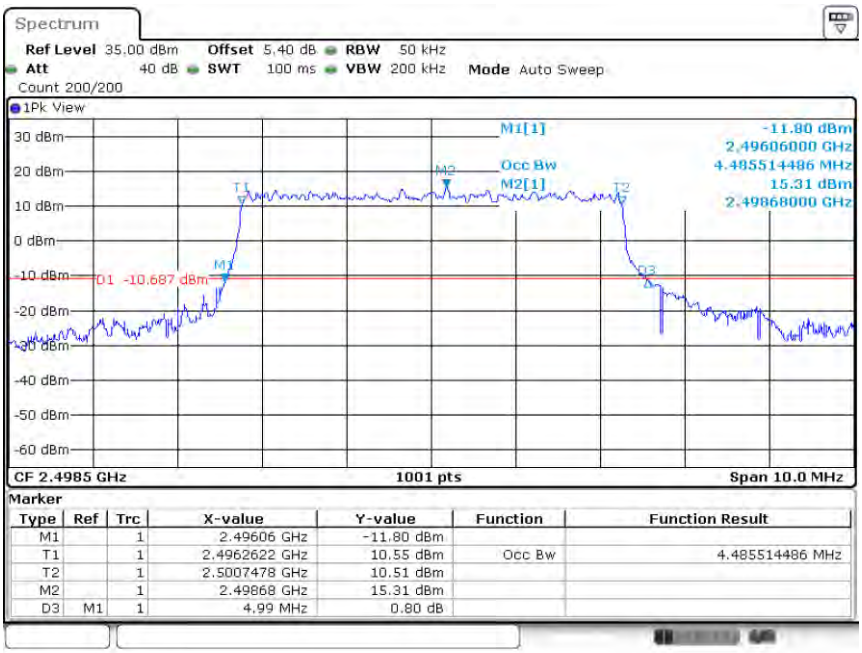


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.68505 GHz	-10.13 dBm		
T1		1	2.6852522 GHz	11.63 dBm	Occ Bw	4.495504496 MHz
T2		1	2.6897478 GHz	14.00 dBm		
M2		1	2.68671 GHz	16.19 dBm		
D3	M1	1	4.89 MHz	0.05 dB		

Date: 15.SEP.2020 13:47:02

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



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.49606 GHz	-11.80 dBm		
T1		1	2.4962622 GHz	10.55 dBm	Occ Bw	4.485514486 MHz
T2		1	2.5007478 GHz	10.51 dBm		
M2		1	2.49868 GHz	15.31 dBm		
D3	M1	1	4.99 MHz	0.80 dB		

Date: 17.SEP.2020 16:00:55

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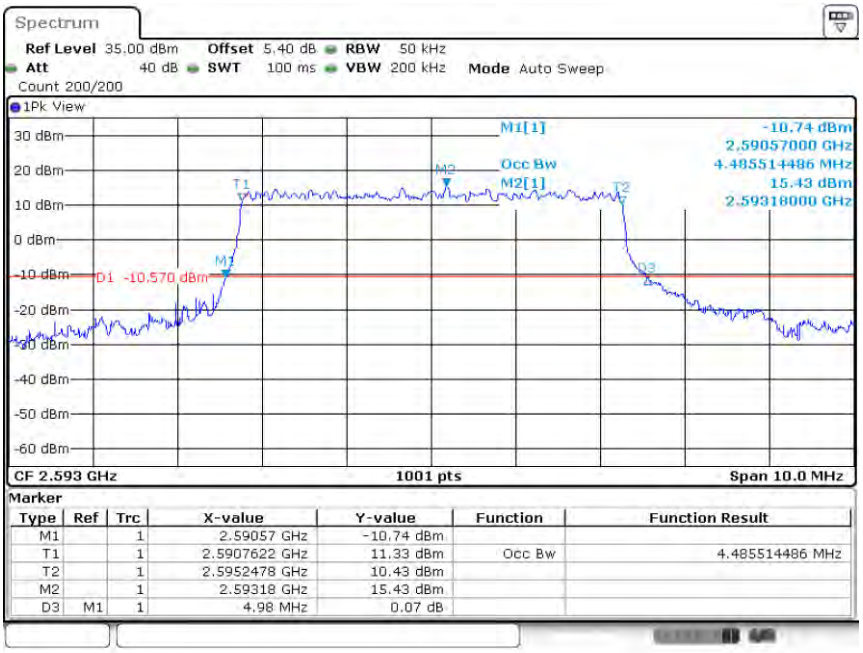
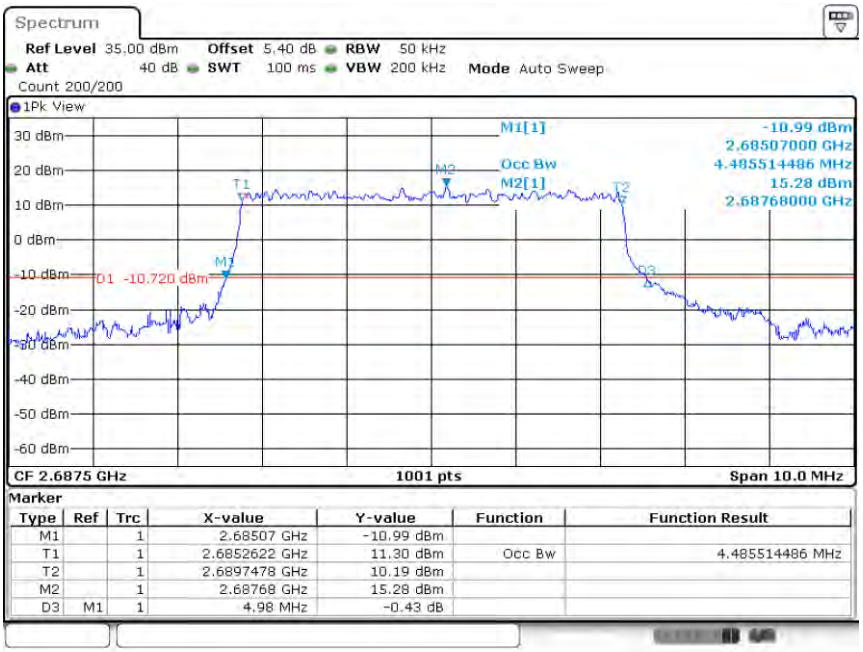


Date: 17.SEP.2020 16:02:05

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



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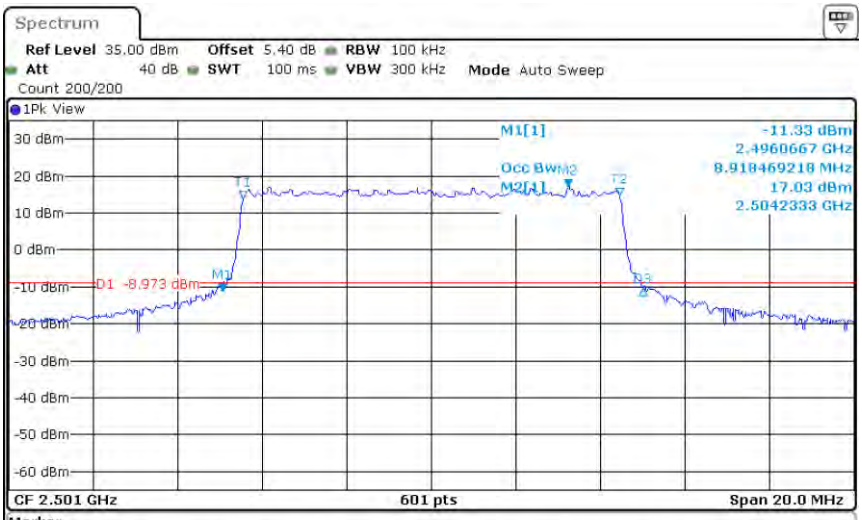
Band41-10MHz-QPSK-39700-50RB#0-8.918



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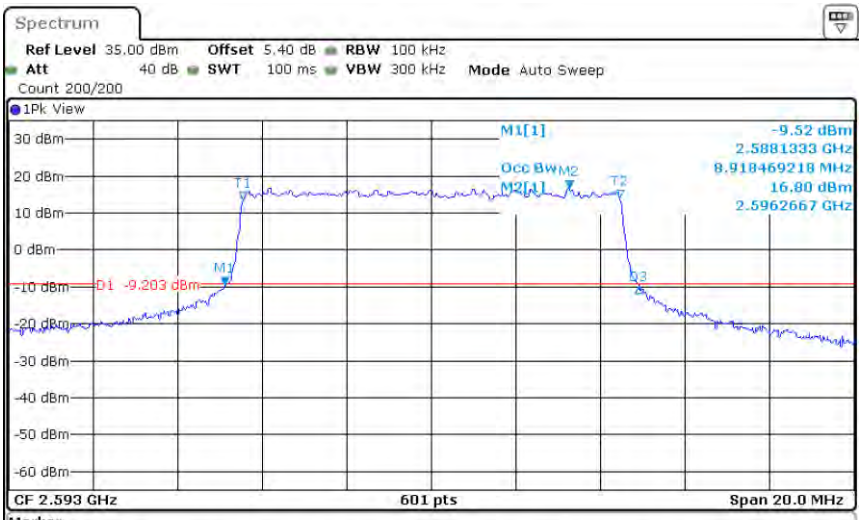
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4960667 GHz	-11.33 dBm		
T1		1	2.4965408 GHz	13.84 dBm	Occ Bw	8.918469218 MHz
T2		1	2.5054592 GHz	14.64 dBm		
M2		1	2.5042333 GHz	17.03 dBm		
D3	M1	1	9.9333 MHz	0.88 dB		

Date: 15.SEP.2020 13:49:27

Band41-10MHz-QPSK-40620-50RB#0-8.918



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5881333 GHz	-9.52 dBm		
T1		1	2.5885408 GHz	13.54 dBm	Occ Bw	8.918469218 MHz
T2		1	2.5974592 GHz	14.21 dBm		
M2		1	2.5962667 GHz	16.80 dBm		
D3	M1	1	9.7667 MHz	0.08 dB		

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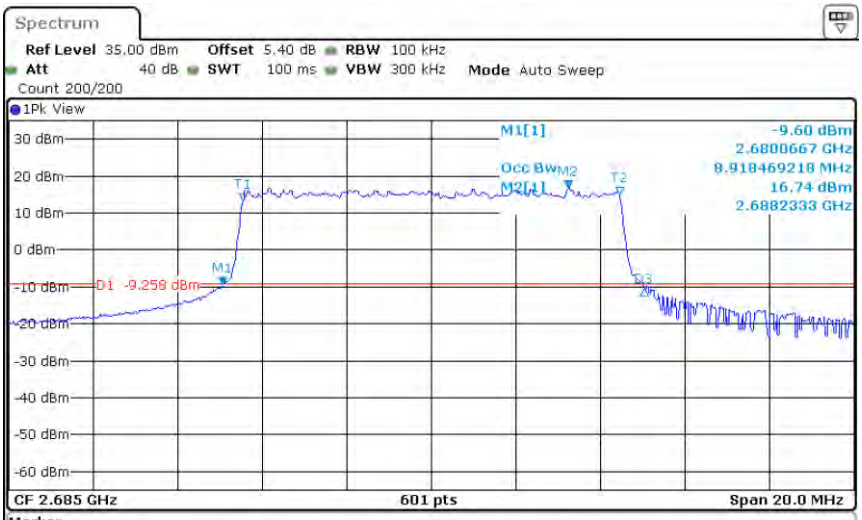
Band41-10MHz-QPSK-41540-50RB#0-8.918



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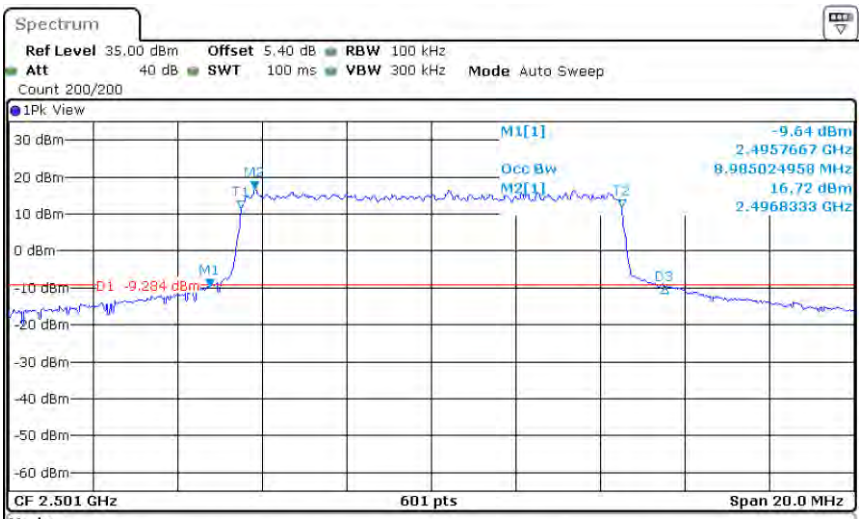
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6800667 GHz	-9.60 dBm		
T1		1	2.6805408 GHz	13.23 dBm	Occ Bw	8.918469218 MHz
T2		1	2.6894592 GHz	14.85 dBm		
M2		1	2.6882333 GHz	16.74 dBm		
D3	M1	1	9.9667 MHz	-0.79 dB		

Date: 15.SEP.2020 13:53:57

Band41-10MHz-16QAM-39700-50RB#0-8.985



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4957667 GHz	-9.64 dBm		
T1		1	2.4965075 GHz	11.46 dBm	Occ Bw	8.985024958 MHz
T2		1	2.5054925 GHz	11.88 dBm		
M2		1	2.4968333 GHz	16.72 dBm		
D3	M1	1	10.7333 MHz	0.30 dB		

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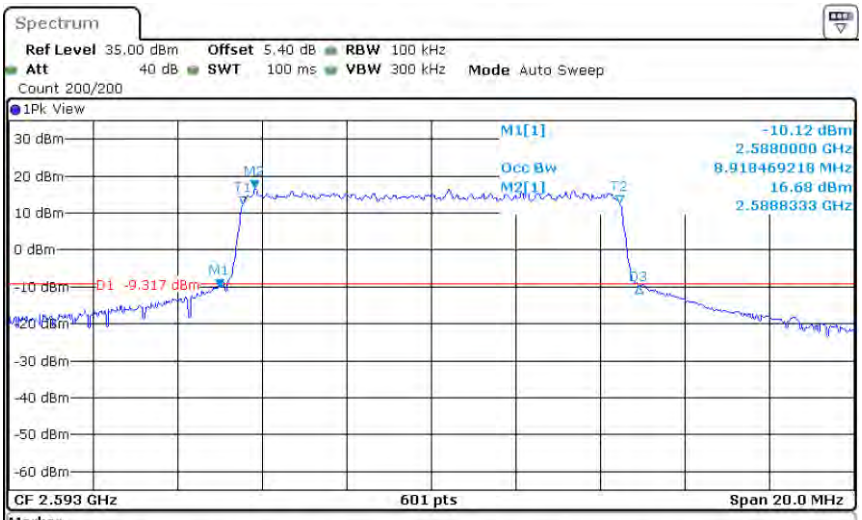
Band41-10MHz-16QAM-40620-50RB#0-8.918

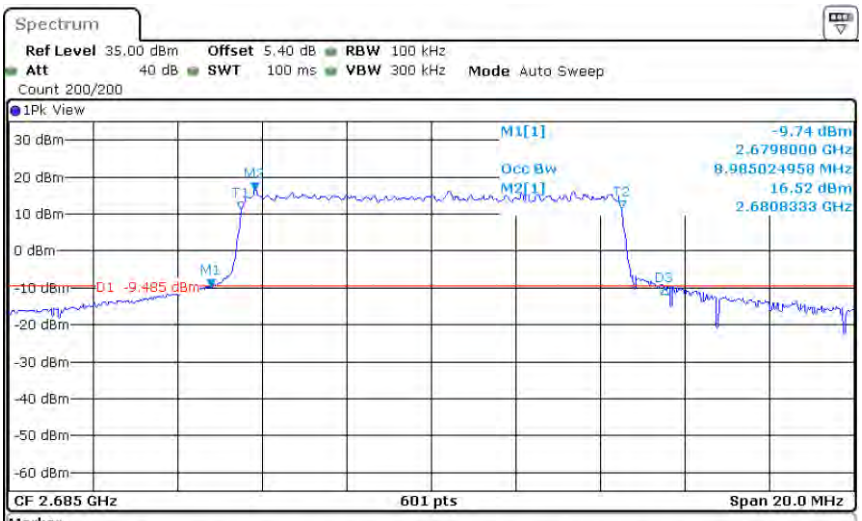


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.588 GHz	-10.12 dBm		
T1		1	2.5885408 GHz	12.28 dBm	Occ Bw	8.918469218 MHz
T2		1	2.5974592 GHz	12.68 dBm		
M2		1	2.5888333 GHz	16.68 dBm		
D3	M1	1	9.9 MHz	0.20 dB		

Date: 15.SEP.2020 13:52:25

Band41-10MHz-16QAM-41540-50RB#0-8.985



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6798 GHz	-9.74 dBm		
T1		1	2.6805075 GHz	11.23 dBm	Occ Bw	8.985024958 MHz
T2		1	2.6894925 GHz	11.49 dBm		
M2		1	2.6808333 GHz	16.52 dBm		
D3	M1	1	10.7 MHz	-0.13 dB		

Date: 15.SEP.2020 13:55:27

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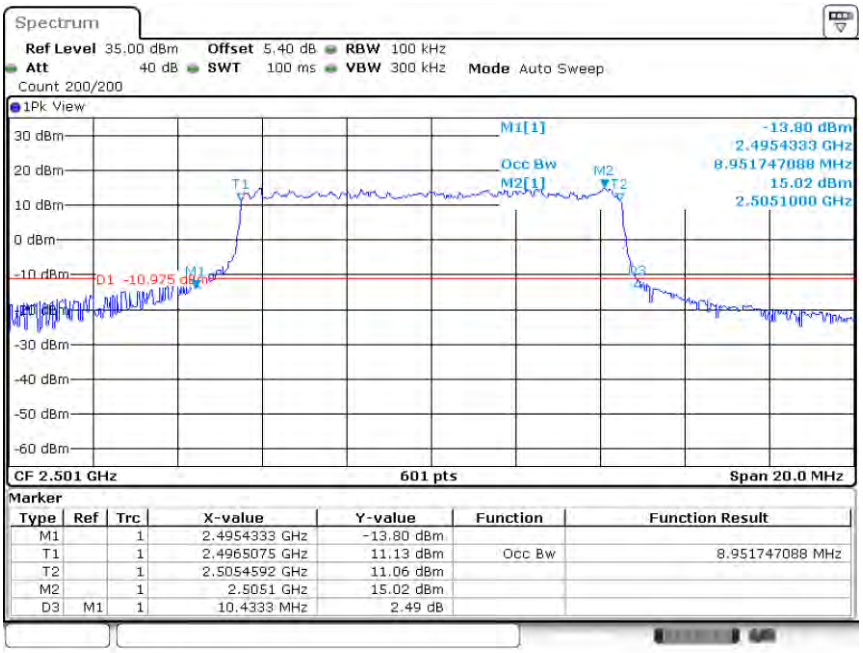
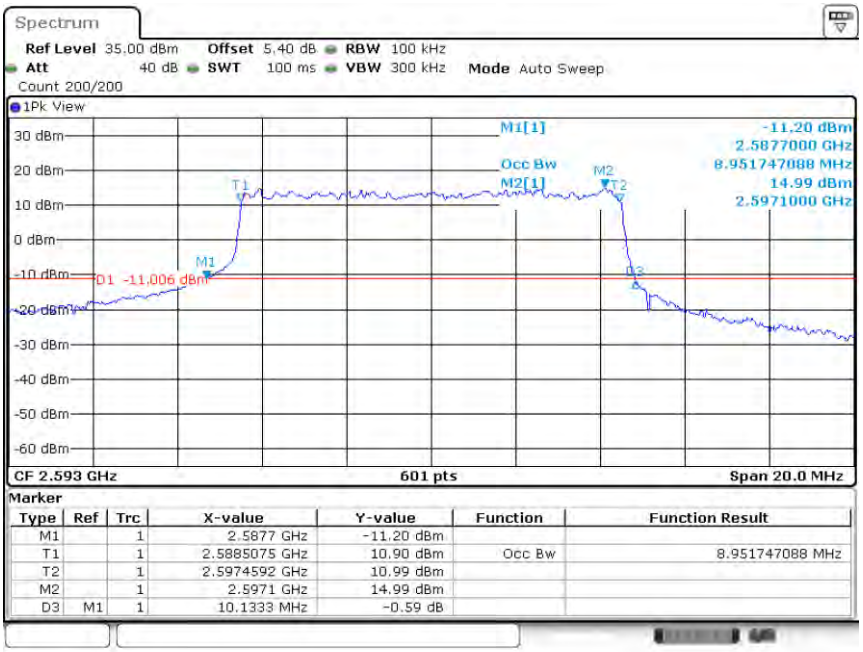
Band41-10MHz-64QAM-39700-50RB#0-8.952



Date: 17 SEP.2020 16:03:40

Band41-10MHz-64QAM-40620-50RB#0-8.952



Date: 17 SEP.2020 16:04:16

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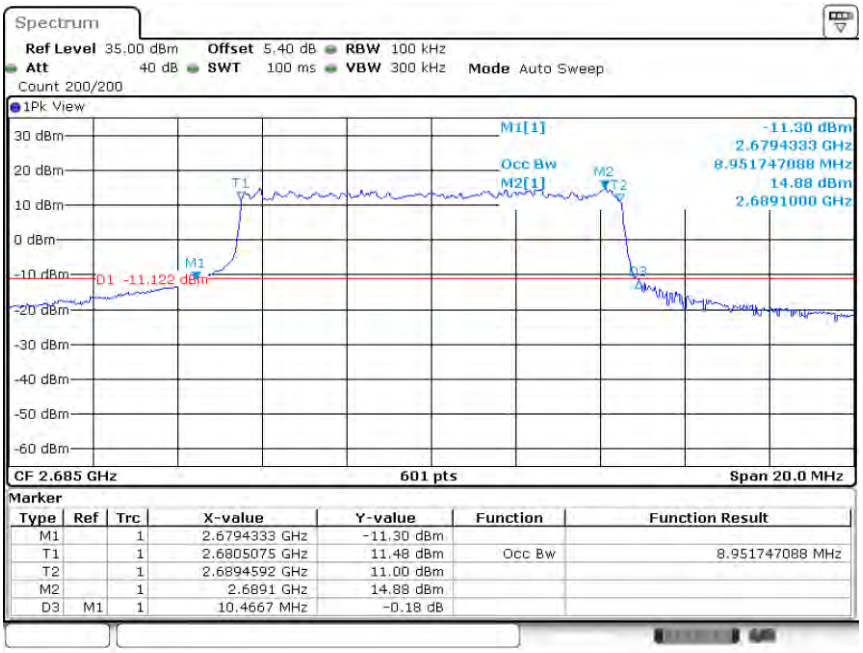
Band41-10MHz-64QAM-41540-50RB#0-8.952



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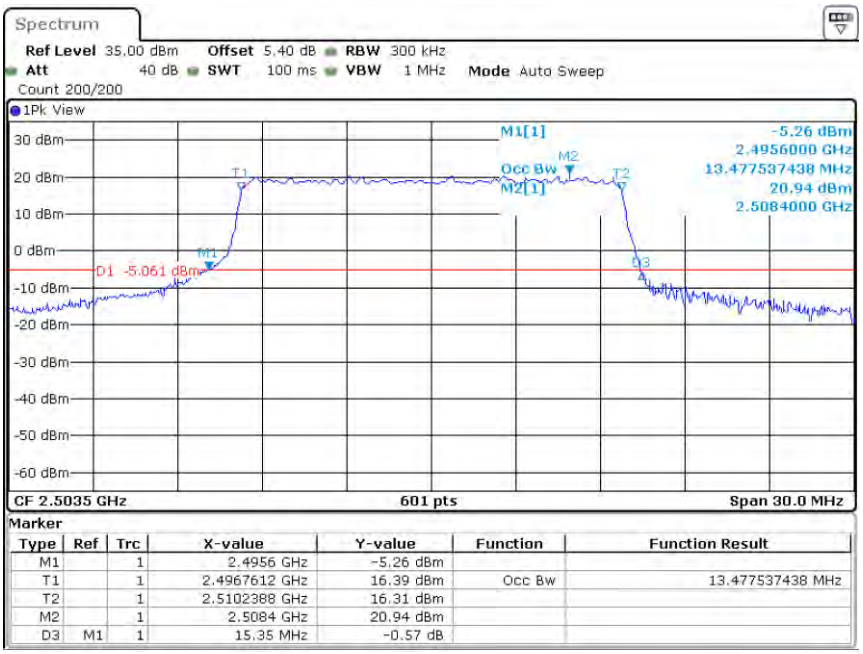
Band41-15MHz-QPSK-39725-75RB#0-13.478



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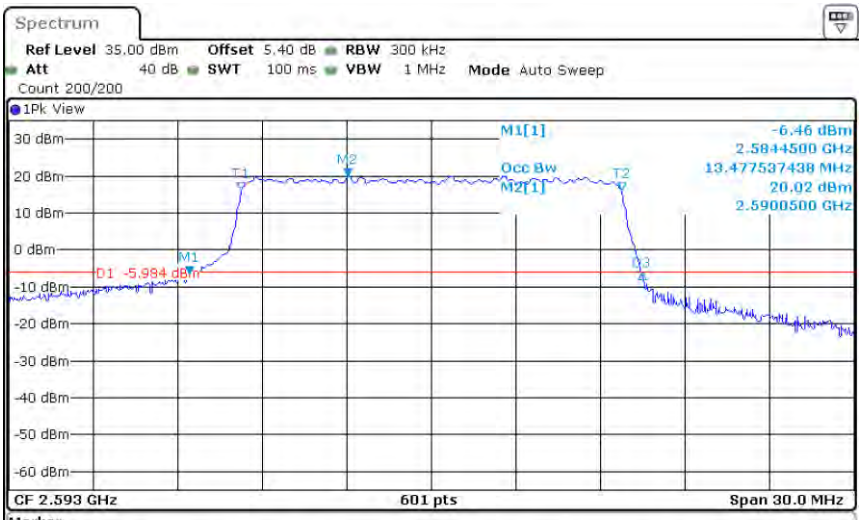
Band41-15MHz-QPSK-40620-75RB#0-13.478

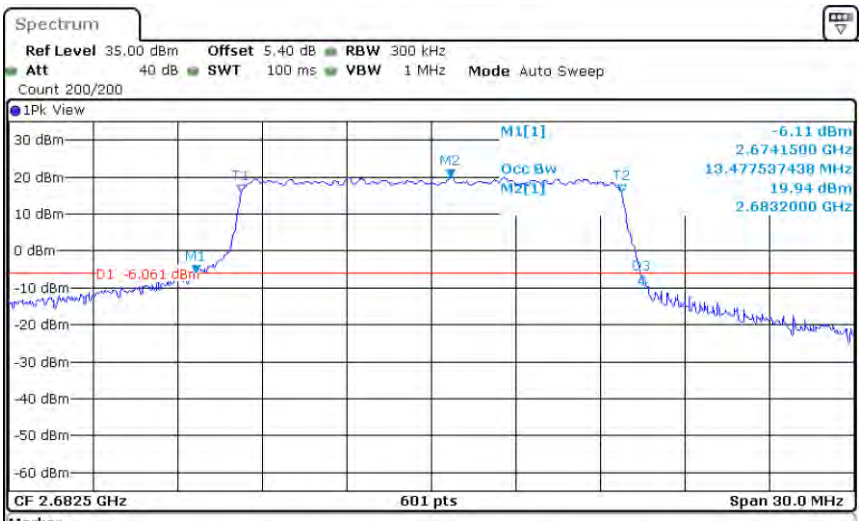


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.58445 GHz	-6.46 dBm		
T1		1	2.5862612 GHz	16.18 dBm	Occ Bw	13.477537438 MHz
T2		1	2.5997388 GHz	16.01 dBm		
M2		1	2.59005 GHz	20.02 dBm		
D3	M1	1	16.0 MHz	0.34 dB		

Date: 15.SEP.2020 14:02:44

Band41-15MHz-QPSK-41515-75RB#0-13.478



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.67415 GHz	-6.11 dBm		
T1		1	2.6757612 GHz	15.93 dBm	Occ Bw	13.477537438 MHz
T2		1	2.6892388 GHz	15.85 dBm		
M2		1	2.6832 GHz	19.94 dBm		
D3	M1	1	15.8 MHz	-0.34 dB		

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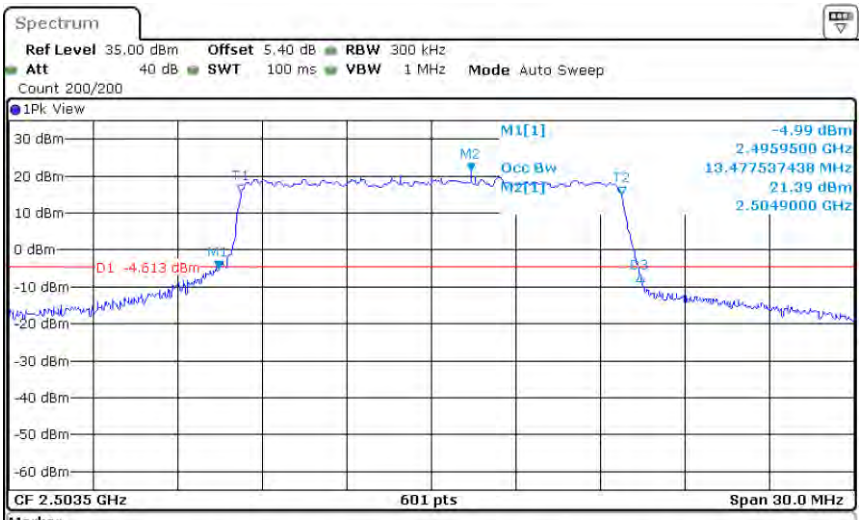

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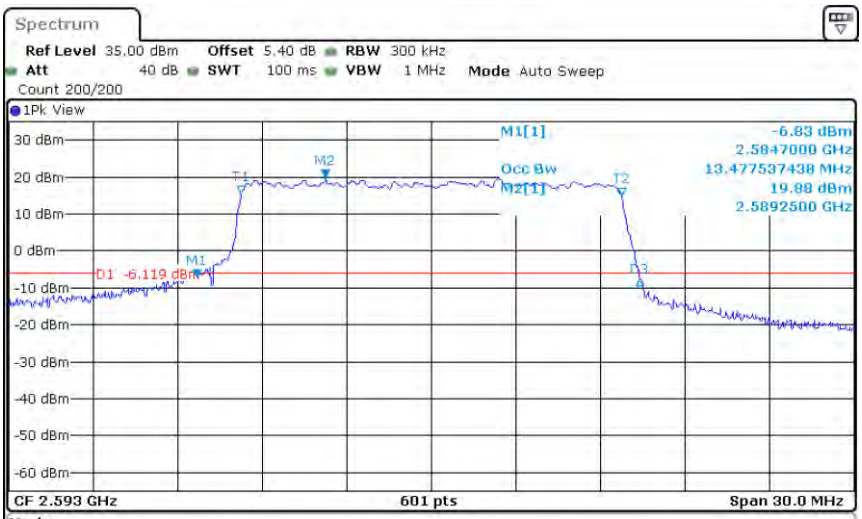
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.49595 GHz	-4.99 dBm		
T1		1	2.4967612 GHz	15.48 dBm	Occ Bw	13.477537438 MHz
T2		1	2.5102388 GHz	14.83 dBm		
M2		1	2.5049 GHz	21.39 dBm		
D3	M1	1	14.95 MHz	-1.60 dB		

Date: 15.SEP.2020 14:02:01

Band41-15MHz-16QAM-40620-75RB#0-13.478



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5847 GHz	-6.83 dBm		
T1		1	2.5862612 GHz	15.46 dBm	Occ Bw	13.477537438 MHz
T2		1	2.5997388 GHz	14.80 dBm		
M2		1	2.58925 GHz	19.88 dBm		
D3	M1	1	15.7 MHz	-0.56 dB		

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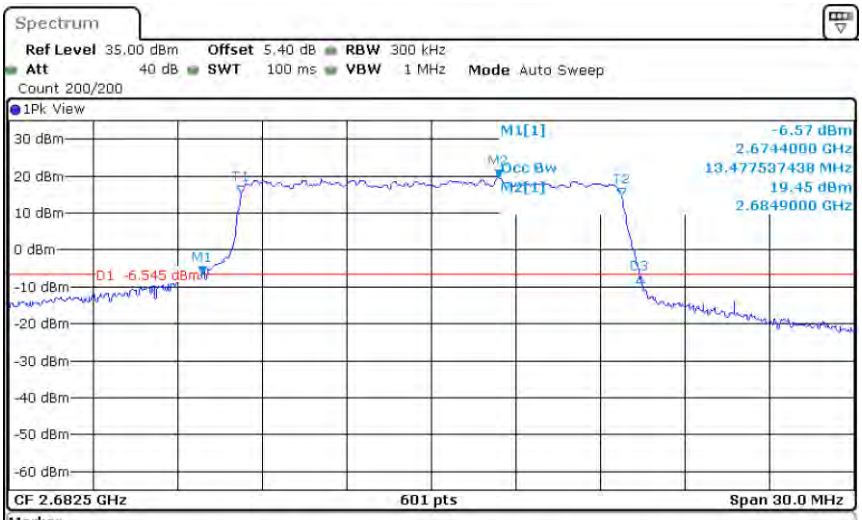

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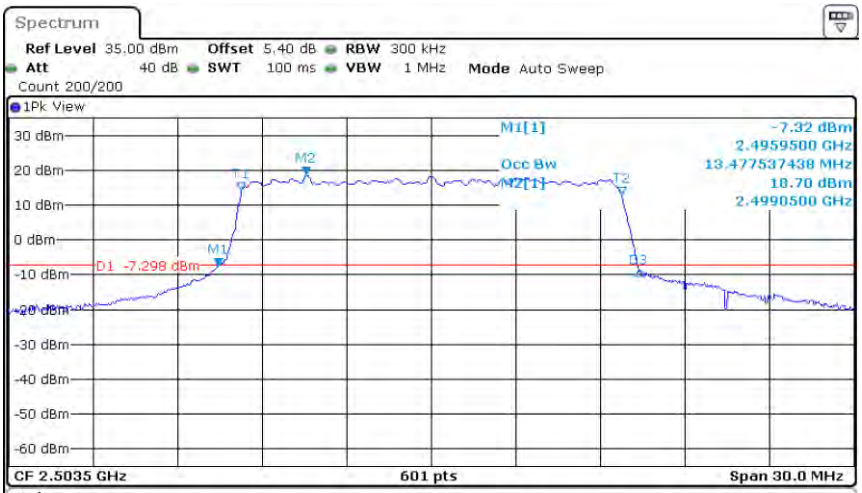
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6744 GHz	-6.57 dBm		
T1		1	2.6757612 GHz	15.29 dBm	Occ Bw	13.477537438 MHz
T2		1	2.6892388 GHz	14.71 dBm		
M2		1	2.6849 GHz	19.45 dBm		
D3	M1	1	15.5 MHz	-0.18 dB		

Date: 15.SEP.2020 14:05:03

Band41-15MHz-64QAM-39725-75RB#0-13.478



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.49595 GHz	-7.32 dBm		
T1		1	2.4967612 GHz	14.09 dBm	Occ Bw	13.477537438 MHz
T2		1	2.5102388 GHz	12.94 dBm		
M2		1	2.49905 GHz	18.70 dBm		
D3	M1	1	14.9 MHz	-0.91 dB		

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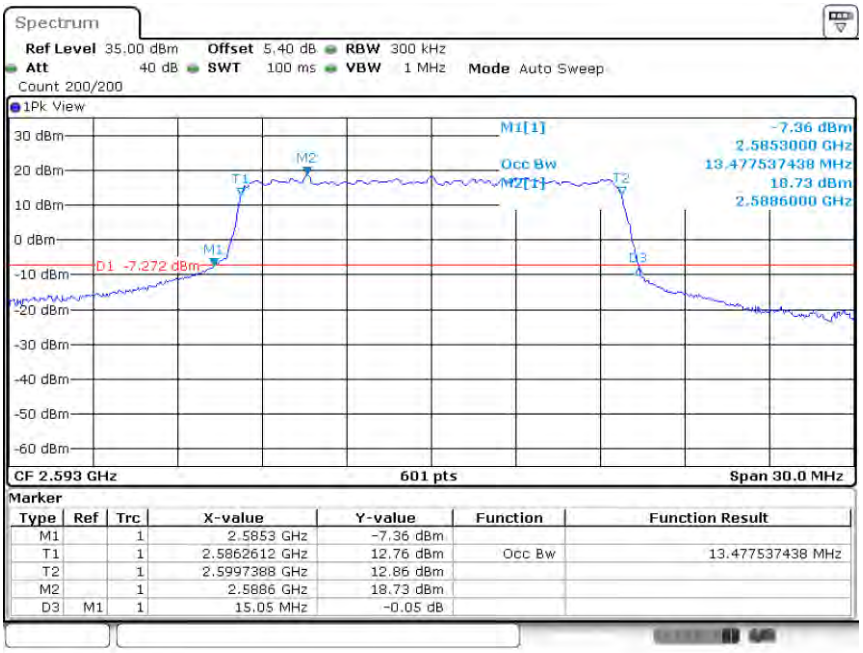

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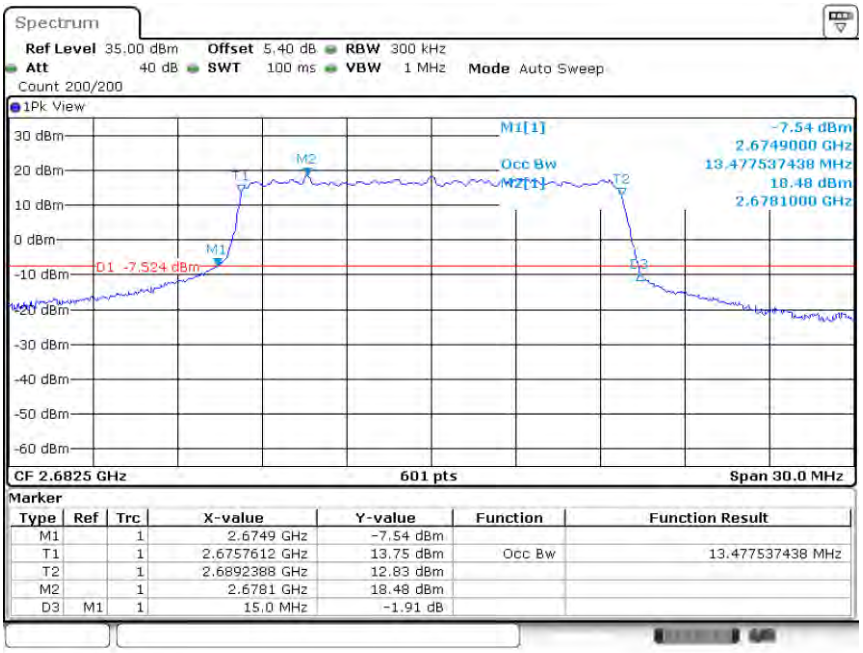

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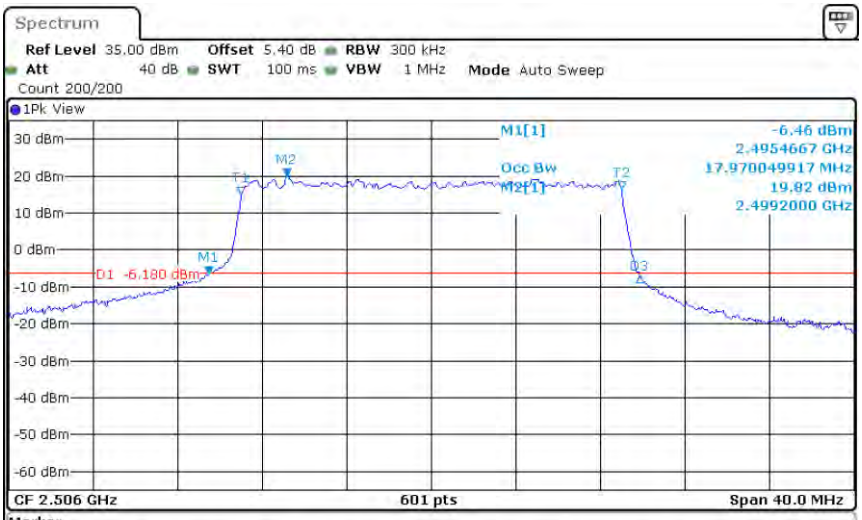
Band41-20MHz-QPSK-39750-100RB#0-17.97



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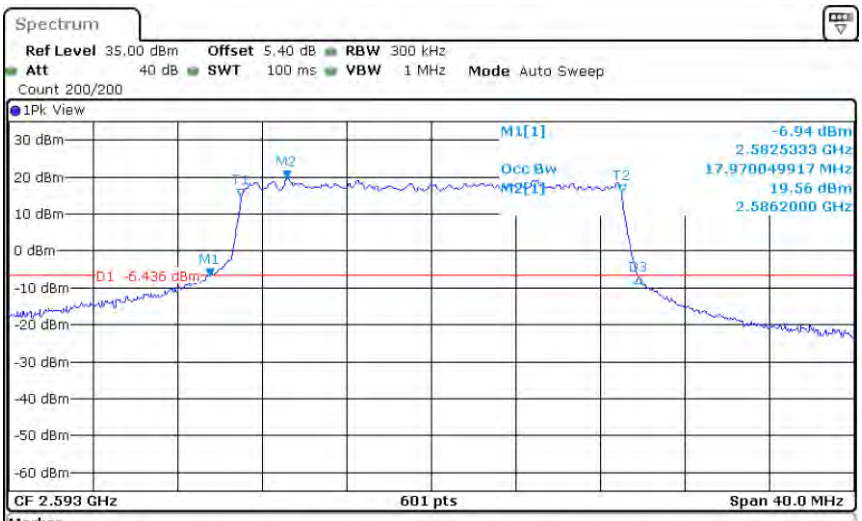
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4954667 GHz	-6.46 dBm		
T1		1	2.497015 GHz	14.92 dBm	Occ Bw	17.970049917 MHz
T2		1	2.514985 GHz	16.34 dBm		
M2		1	2.4992 GHz	19.82 dBm		
D3	M1	1	20.4 MHz	-0.31 dB		

Date: 15.SEP.2020 14:06:16

Band41-20MHz-QPSK-40620-100RB#0-17.97



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5825333 GHz	-6.94 dBm		
T1		1	2.584015 GHz	14.71 dBm	Occ Bw	17.970049917 MHz
T2		1	2.601985 GHz	15.79 dBm		
M2		1	2.5862 GHz	19.56 dBm		
D3	M1	1	20.2667 MHz	0.17 dB		

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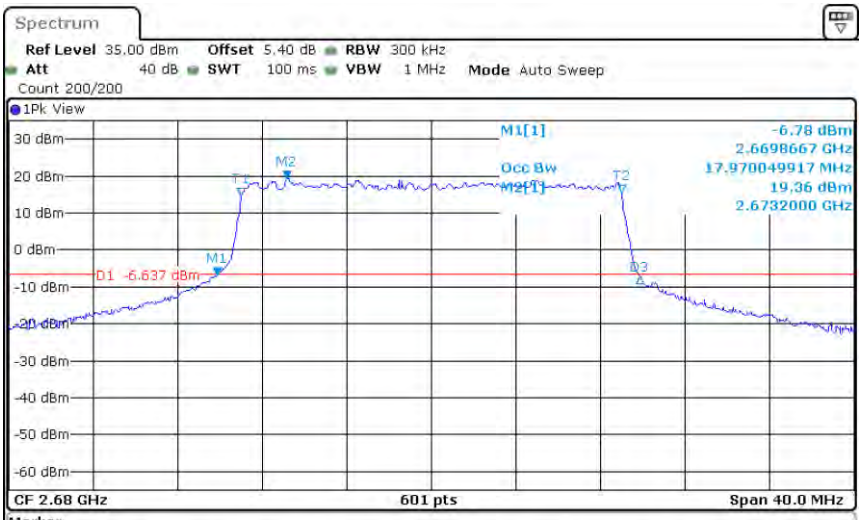
Band41-20MHz-QPSK-41490-100RB#0-17.97



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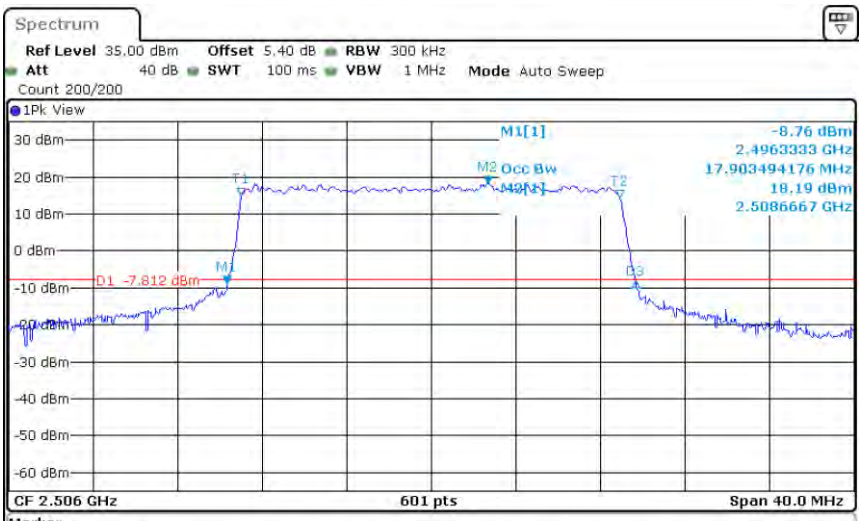
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6698667 GHz	-6.78 dBm		
T1		1	2.671015 GHz	14.61 dBm	Occ Bw	17.970049917 MHz
T2		1	2.688985 GHz	15.62 dBm		
M2		1	2.6732 GHz	19.36 dBm		
D3	M1	1	20.0 MHz	-0.50 dB		

Date: 15.SEP.2020 14:08:39

Band41-20MHz-16QAM-39750-100RB#0-17.903



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4963333 GHz	-8.76 dBm		
T1		1	2.497015 GHz	15.03 dBm	Occ Bw	17.903494176 MHz
T2		1	2.5149185 GHz	14.34 dBm		
M2		1	2.5086667 GHz	18.19 dBm		
D3	M1	1	19.3333 MHz	0.68 dB		

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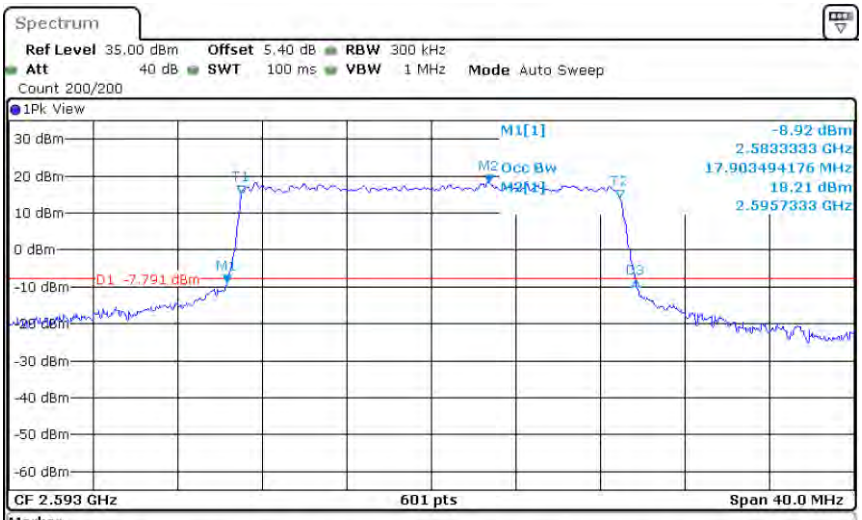
Band41-20MHz-16QAM-40620-100RB#0-17.903



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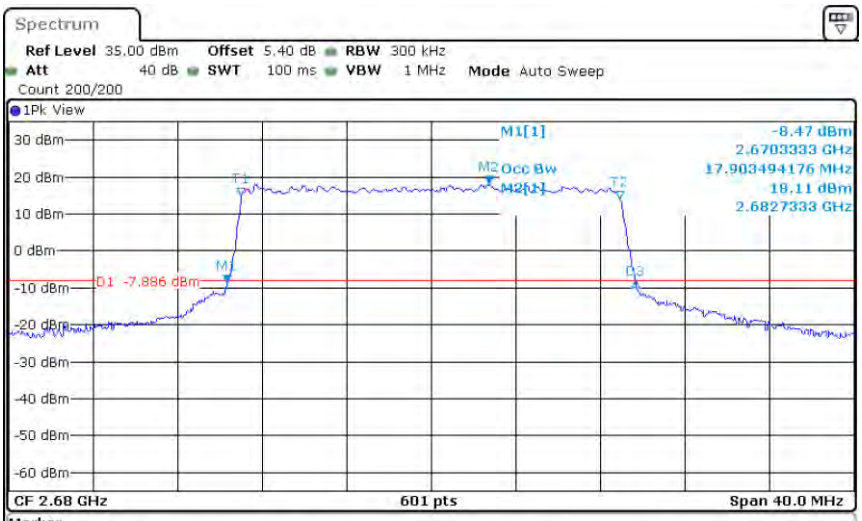
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.5833333 GHz	-8.92 dBm		
T1		1	2.584015 GHz	15.12 dBm	Occ Bw	17.903494176 MHz
T2		1	2.6019185 GHz	14.14 dBm		
M2		1	2.5957333 GHz	18.21 dBm		
D3	M1	1	19.3333 MHz	0.90 dB		

Date: 15.SEP.2020 14:08:03

Band41-20MHz-16QAM-41490-100RB#0-17.903



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6703333 GHz	-8.47 dBm		
T1		1	2.671015 GHz	14.91 dBm	Occ Bw	17.903494176 MHz
T2		1	2.6889185 GHz	14.13 dBm		
M2		1	2.6827333 GHz	18.11 dBm		
D3	M1	1	19.3333 MHz	0.51 dB		

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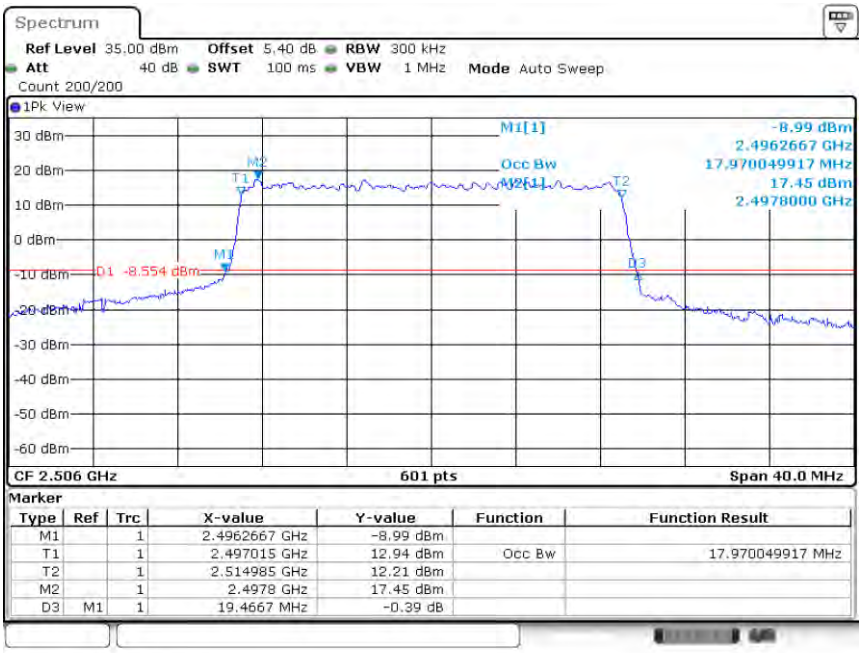
Band41-20MHz-64QAM-39750-100RB#0-17.97



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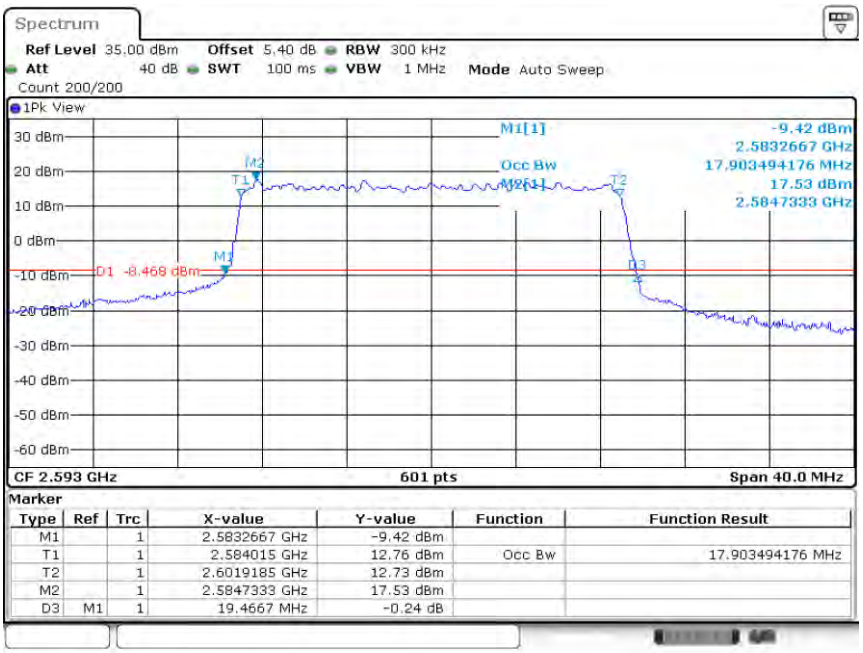
Band41-20MHz-64QAM-40620-100RB#0-17.903



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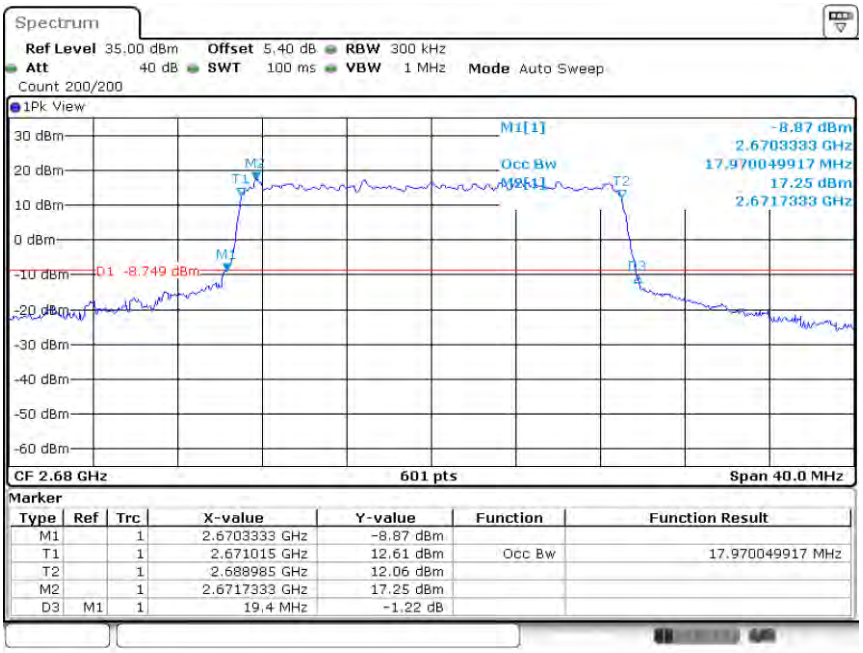
Band41-20MHz-64QAM-41490-100RB#0-17.97



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.6703333 GHz	-8.87 dBm		
T1		1	2.671015 GHz	12.61 dBm	Occ Bw	17.970049917 MHz
T2		1	2.688985 GHz	12.06 dBm		
M2		1	2.6717333 GHz	17.25 dBm		
D3	M1	1	19.4 MHz	-1.22 dB		

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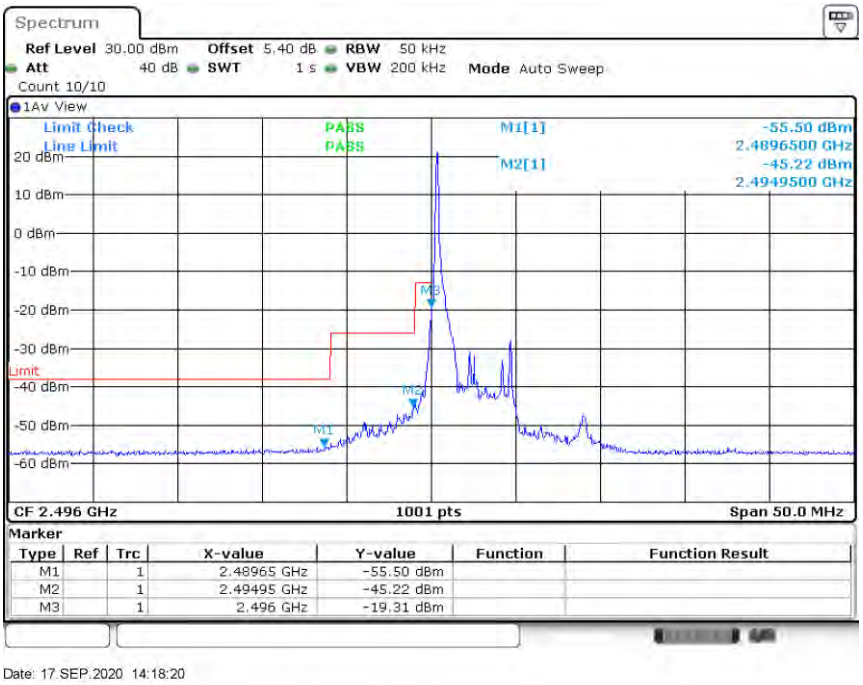
5 Band Edge Compliance

5.1 Test Plots

Band41-5MHz-QPSK-39675-1RB#0



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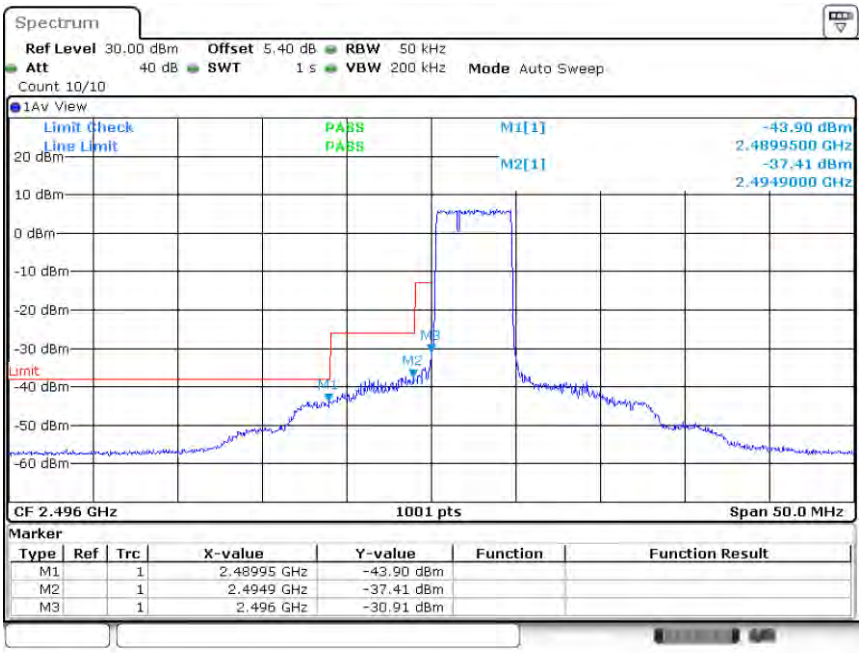
Band41-5MHz-QPSK-39675-25RB#0



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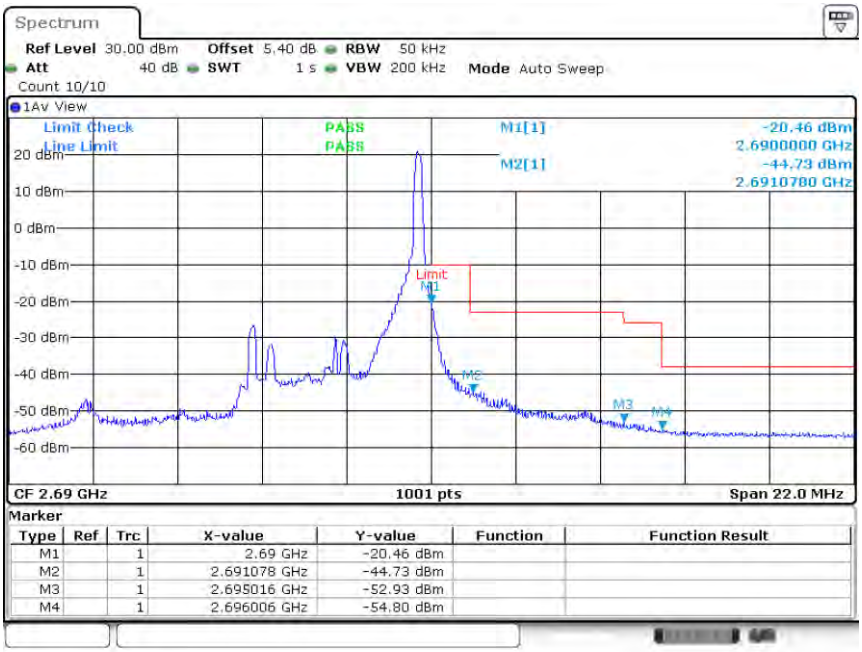
Band41-5MHz-QPSK-41565-1RB#24



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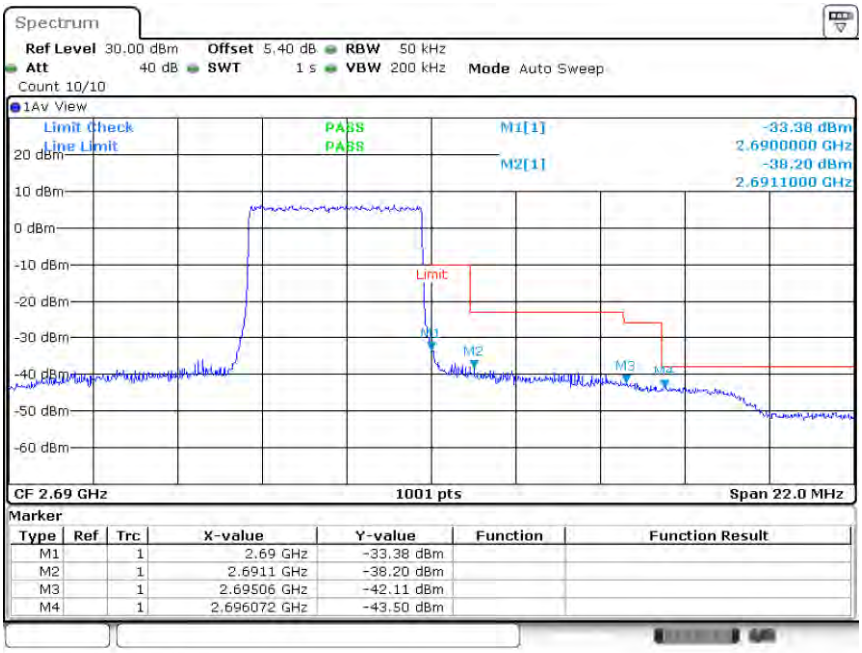

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Band41-5MHz-16QAM-39675-1RB#0

Date: 17.SEP.2020 14:18:45

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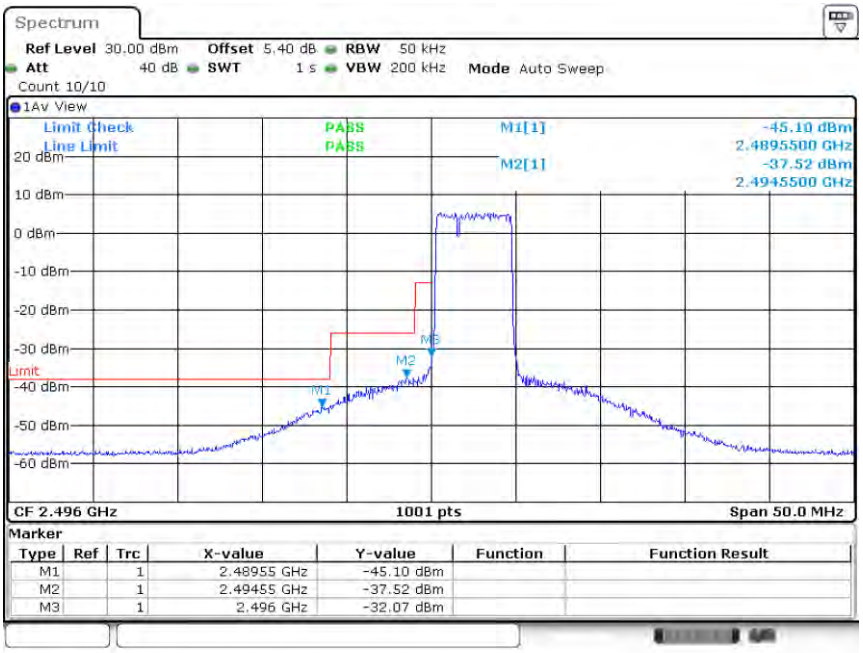

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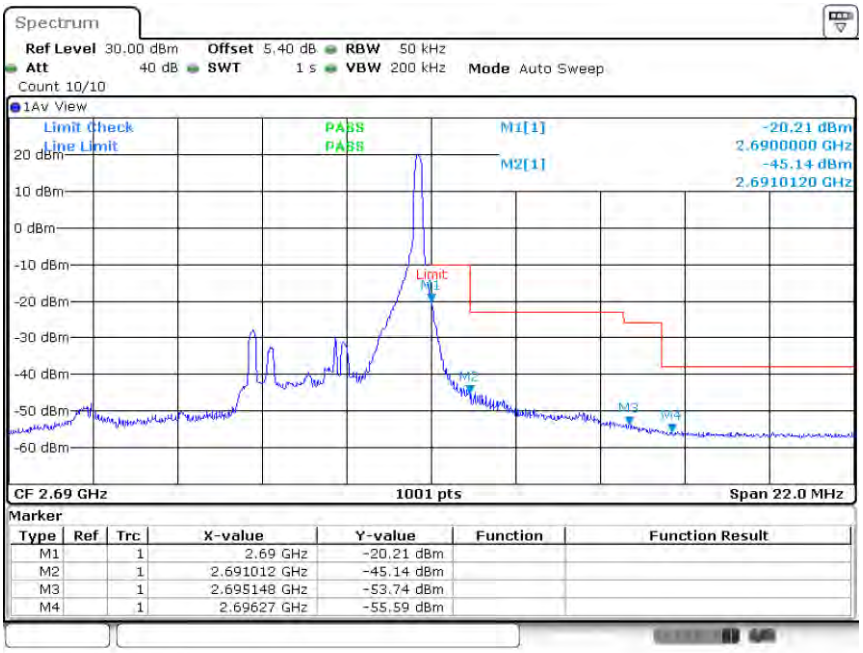
Band41-5MHz-16QAM-41565-1RB#24



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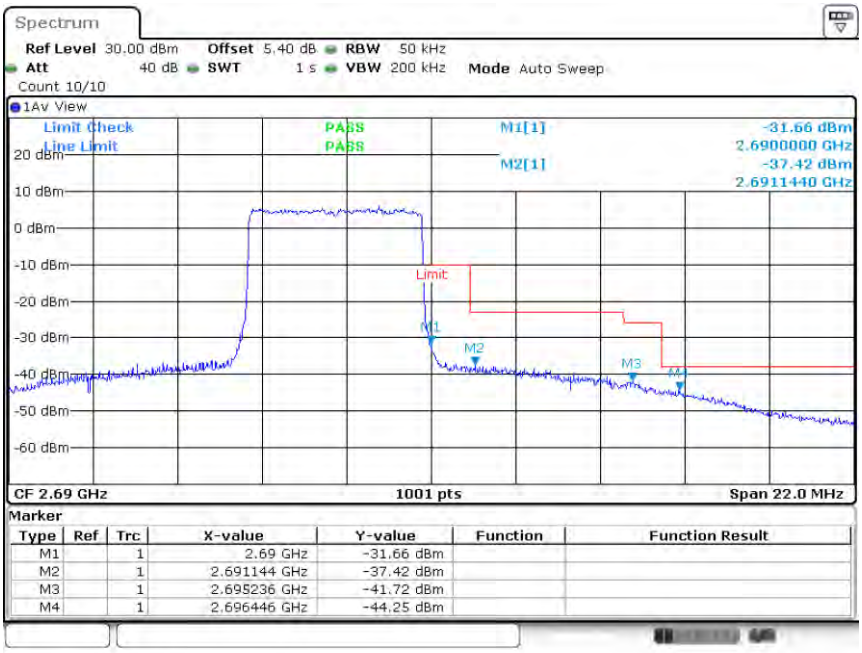

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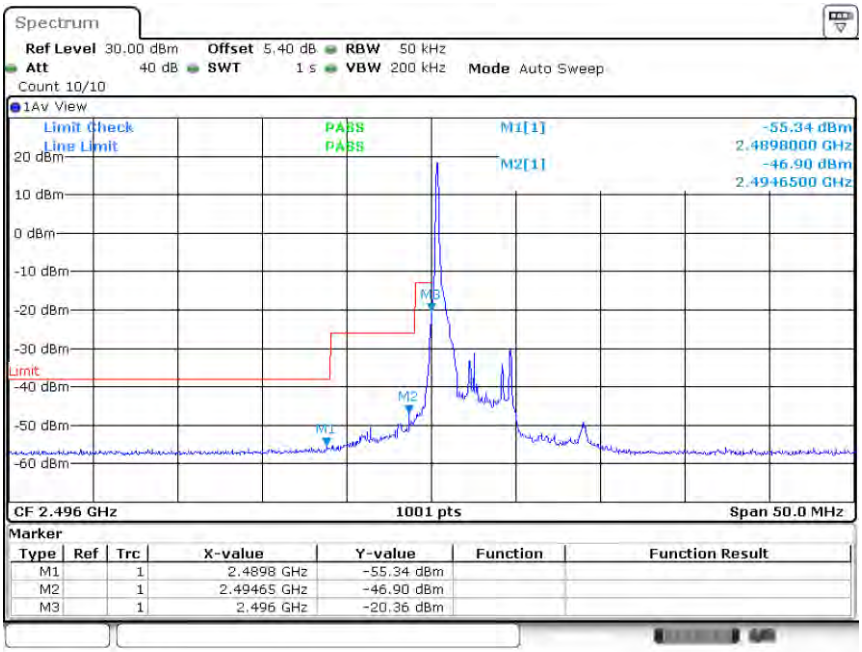
Band41-5MHz-64QAM-39675-1RB#0



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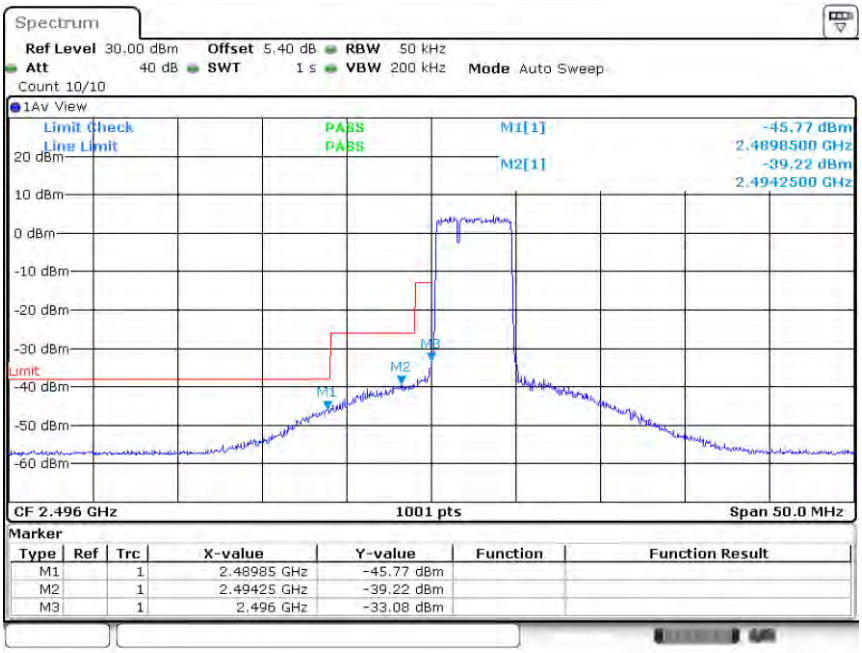
Band41-5MHz-64QAM-39675-25RB#0



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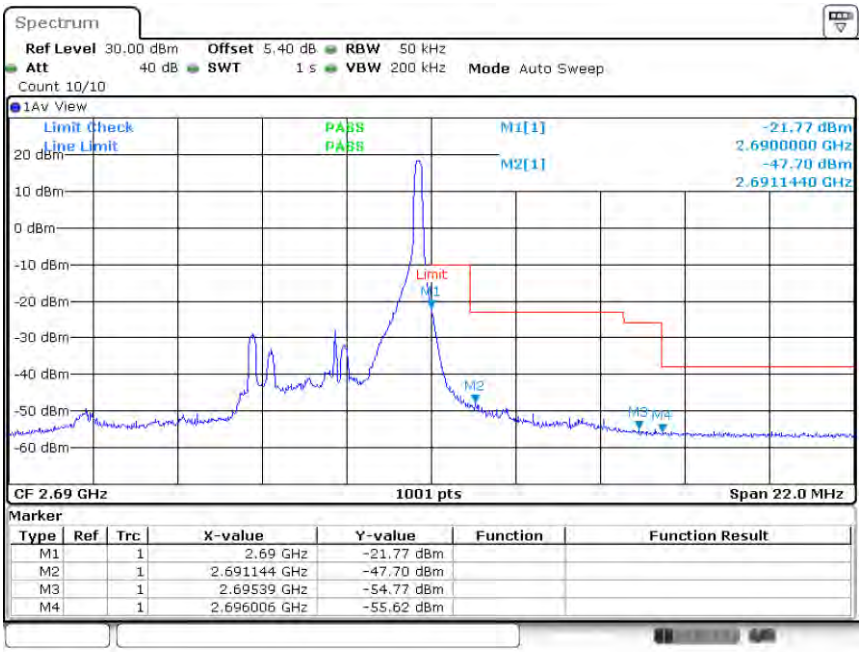
Band41-5MHz-64QAM-41565-1RB#24



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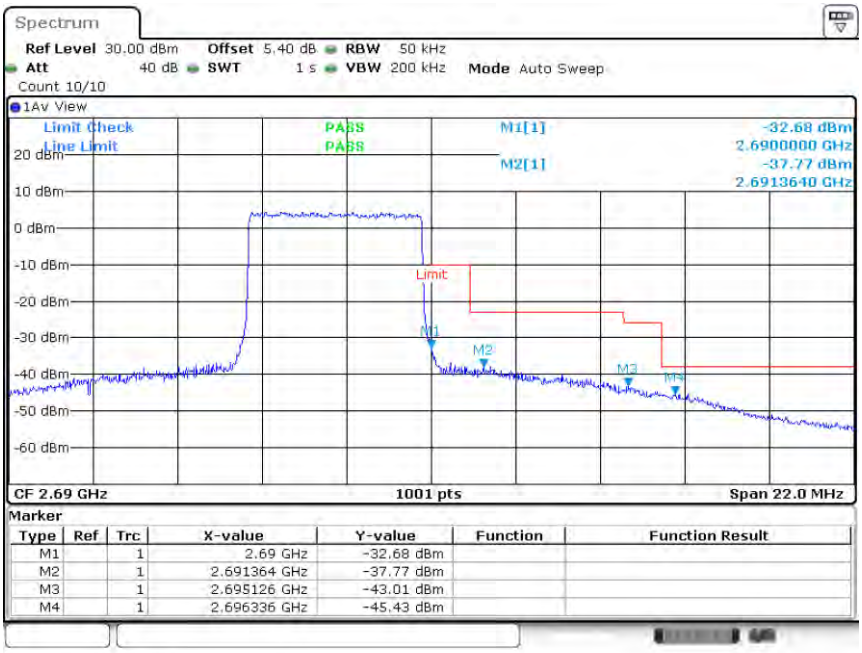
Band41-5MHz-64QAM-41565-25RB#0



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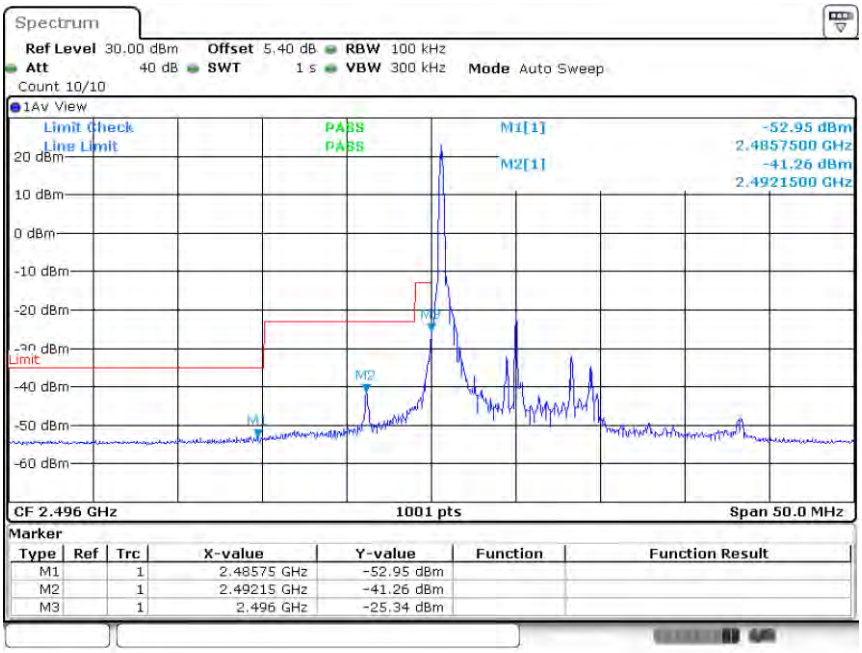

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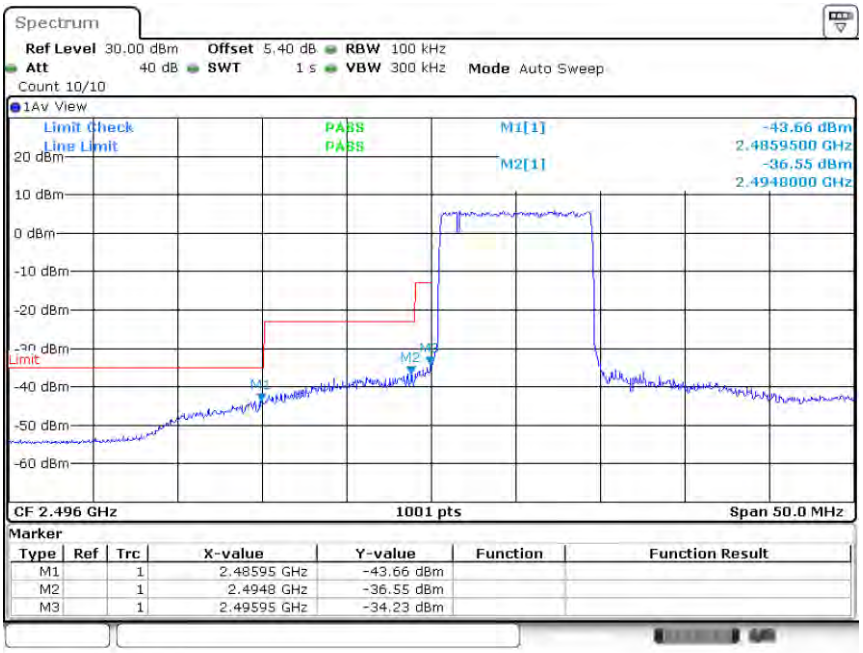
Band41-10MHz-QPSK-39700-50RB#0



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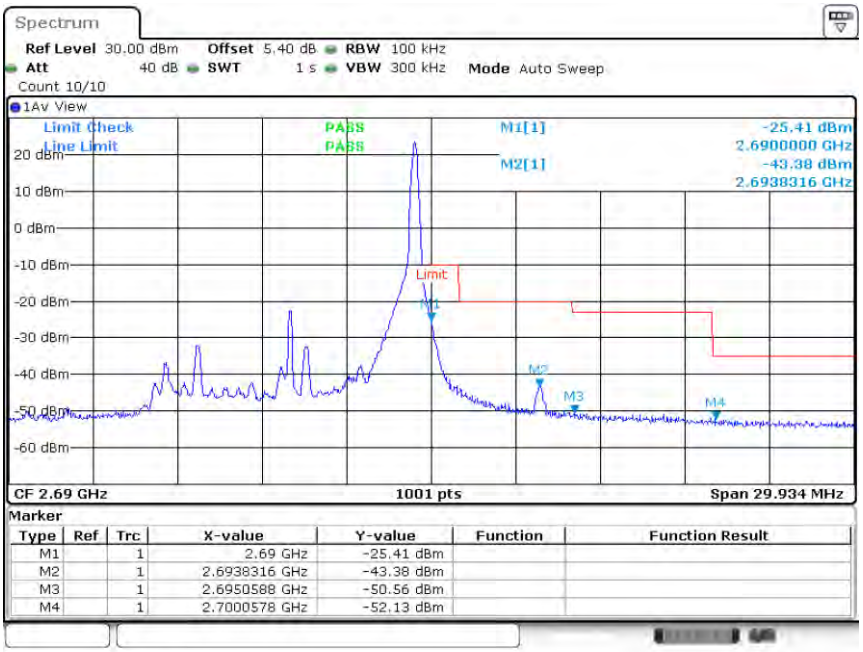
Band41-10MHz-QPSK-41540-1RB#49



Date: 17 SEP.2020 19:23:02

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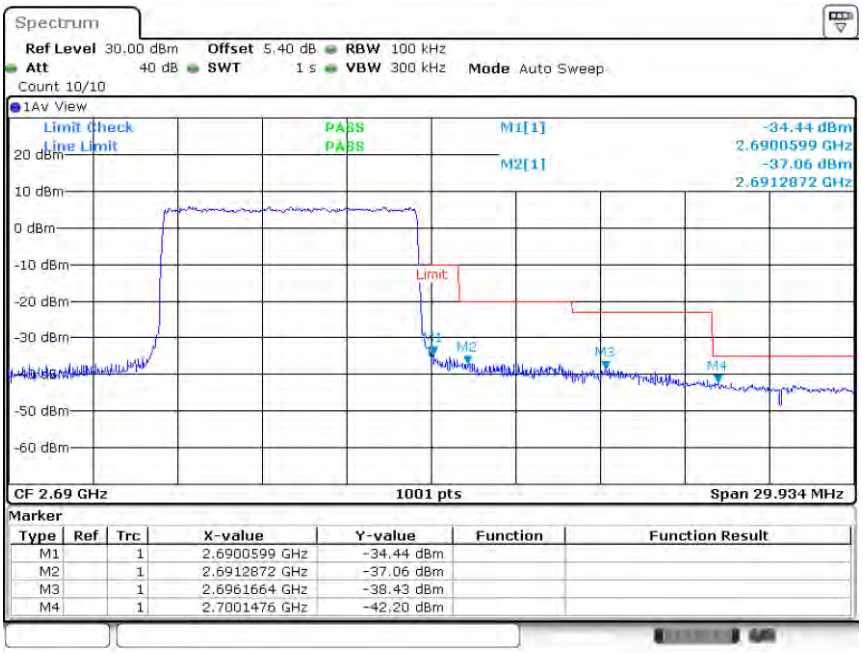
Band41-10MHz-QPSK-41540-50RB#0



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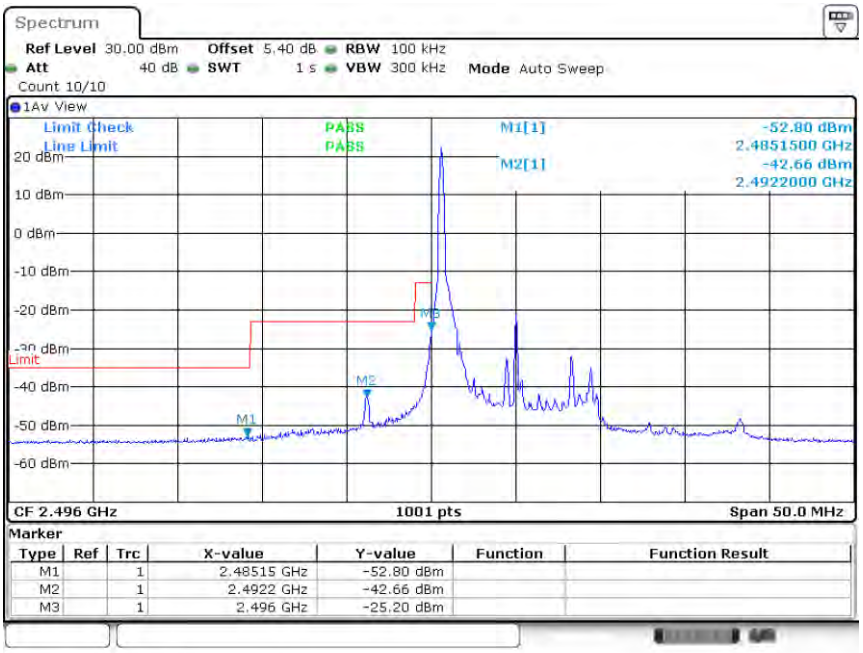
Band41-10MHz-16QAM-39700-1RB#0



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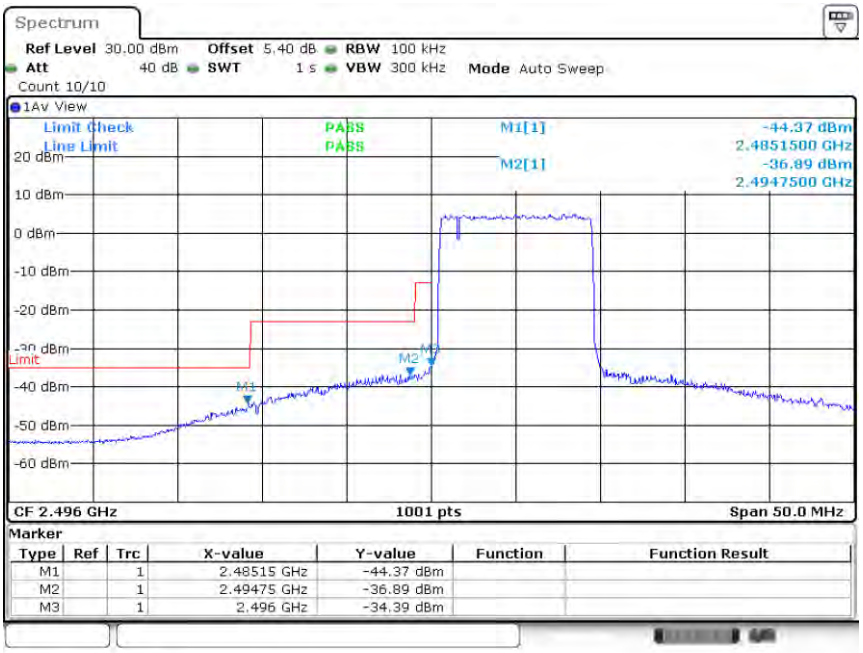
Band41-10MHz-16QAM-39700-50RB#0



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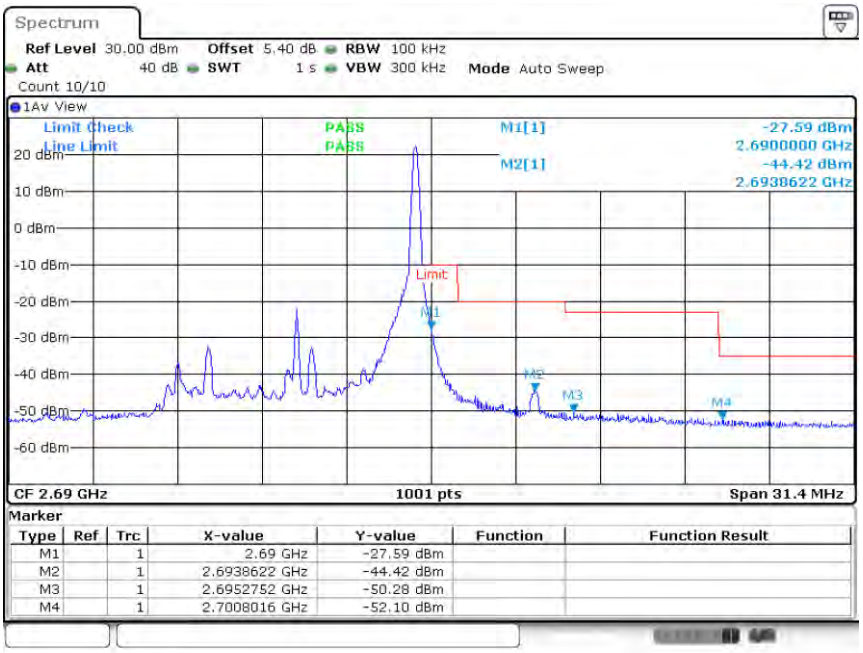
Band41-10MHz-16QAM-41540-1RB#49



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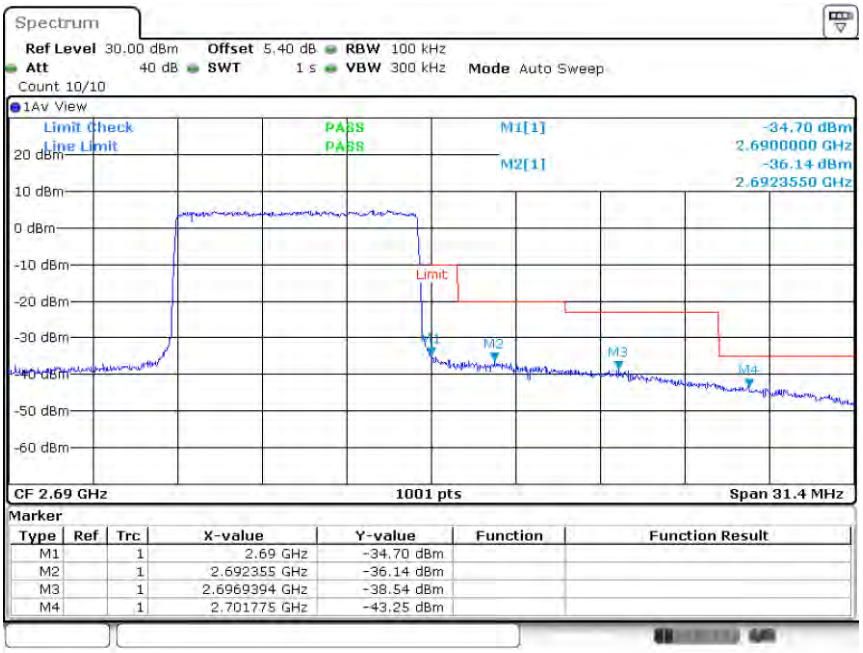

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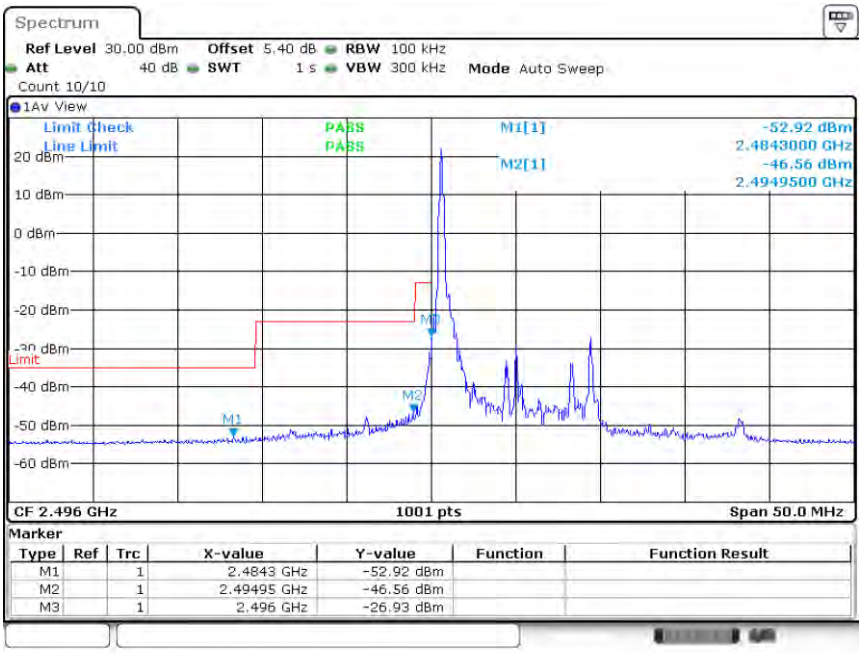
Band41-10MHz-64QAM-39700-1RB#0



Date: 17.SEP.2020 16:11:39

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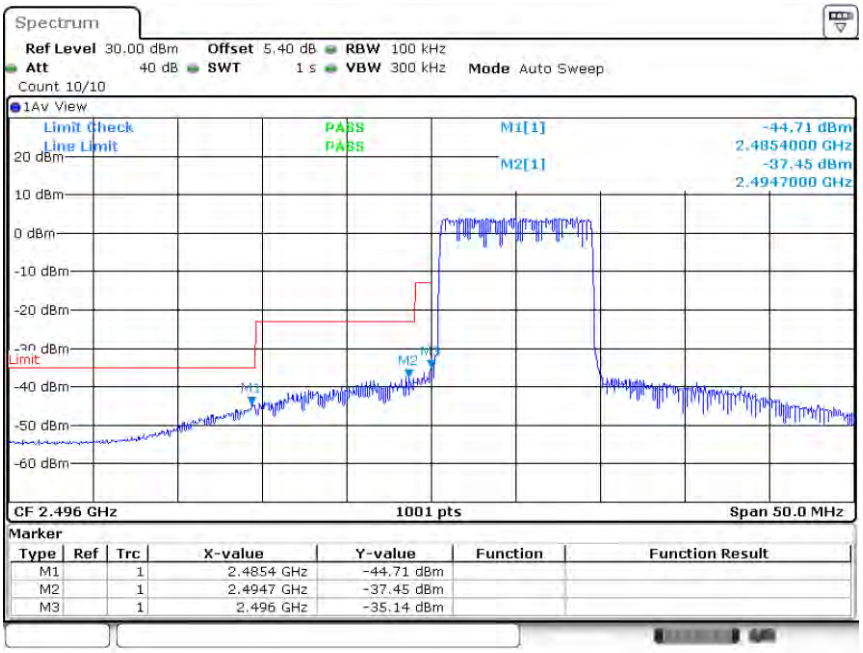
Band41-10MHz-64QAM-39700-50RB#0



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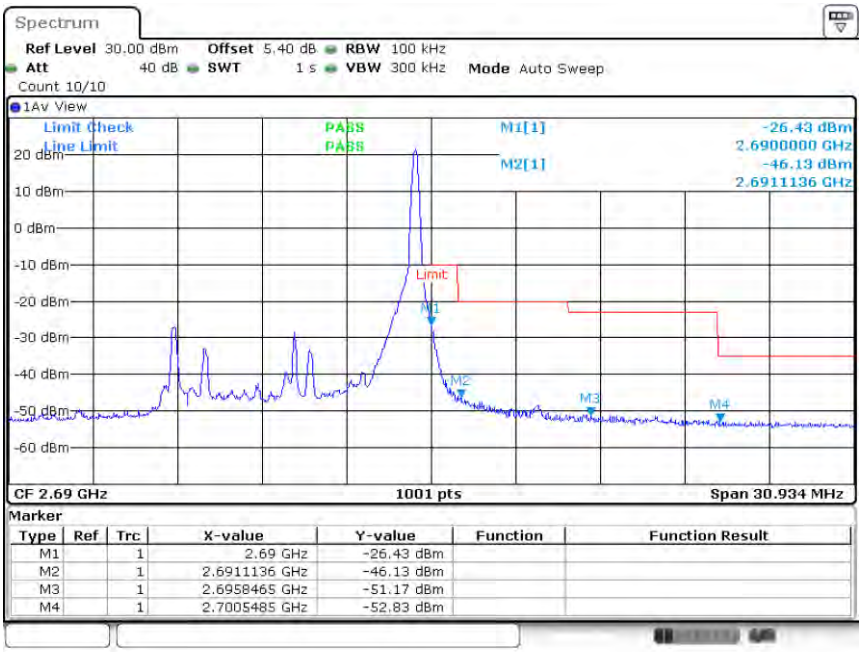
Band41-10MHz-64QAM-41540-1RB#49



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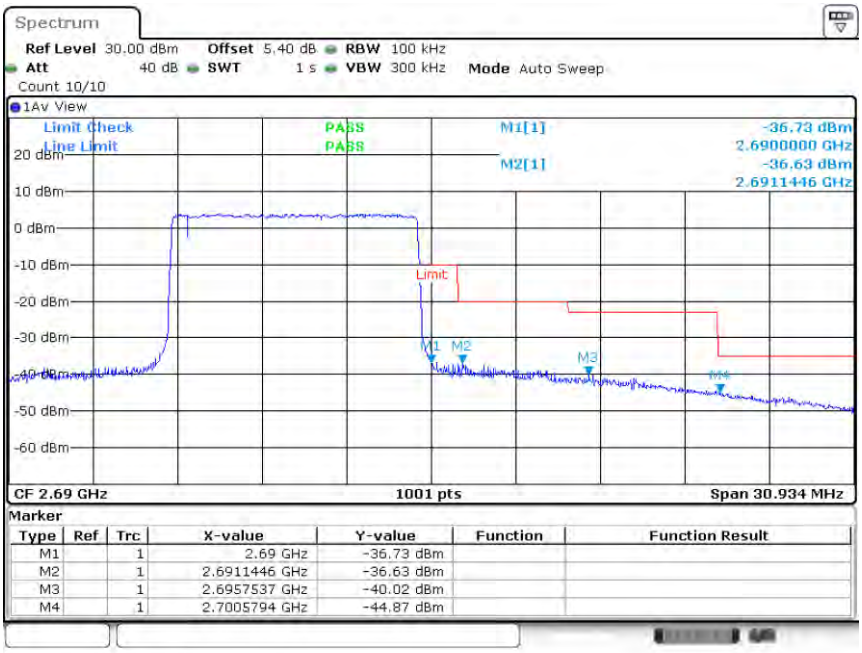

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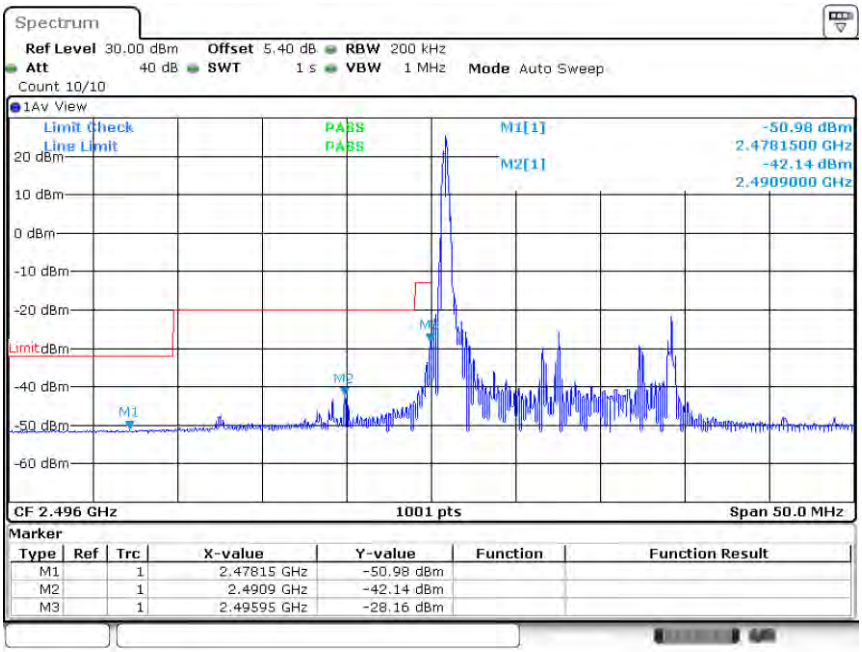
Band41-15MHz-QPSK-39725-1RB#0



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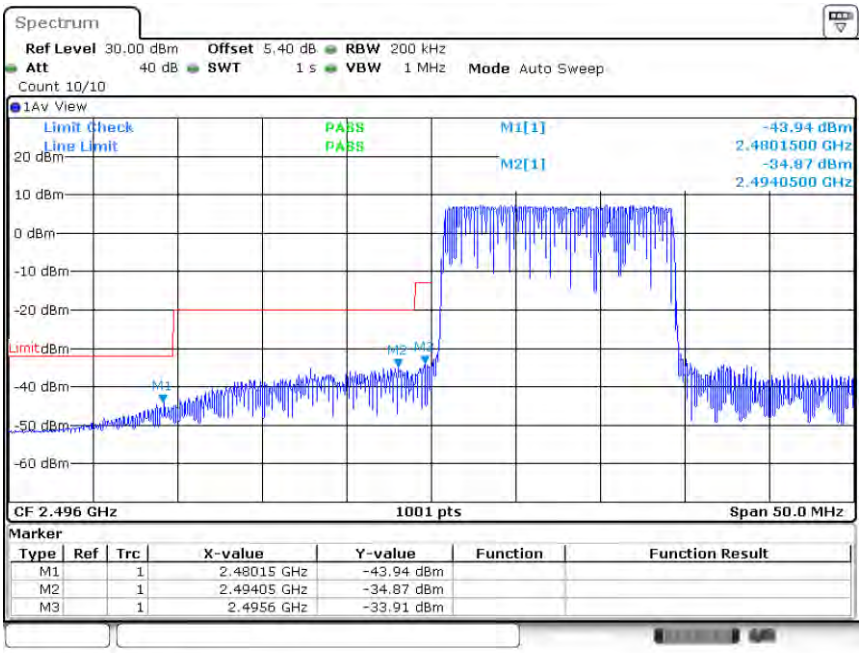
Band41-15MHz-QPSK-39725-75RB#0



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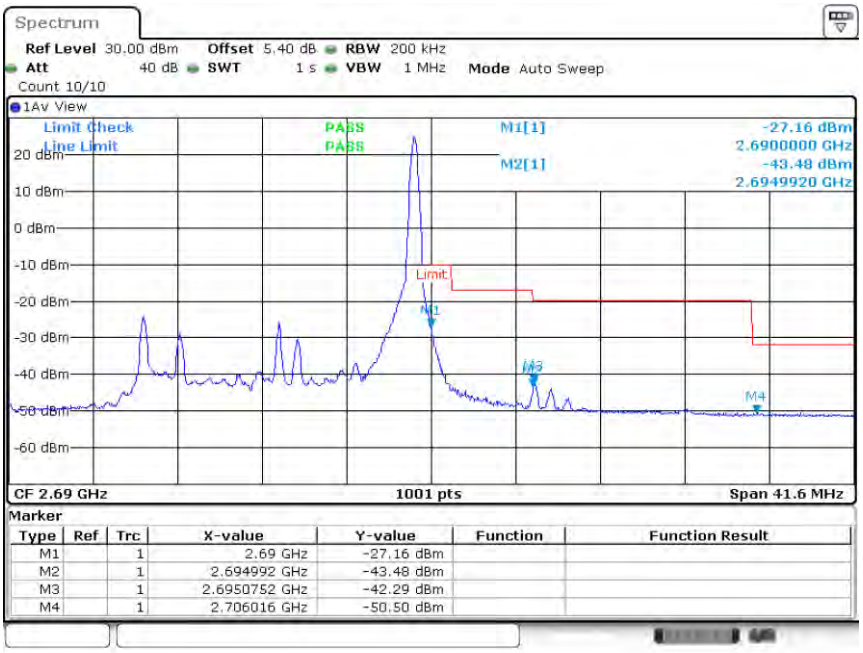
Band41-15MHz-QPSK-41515-1RB#74



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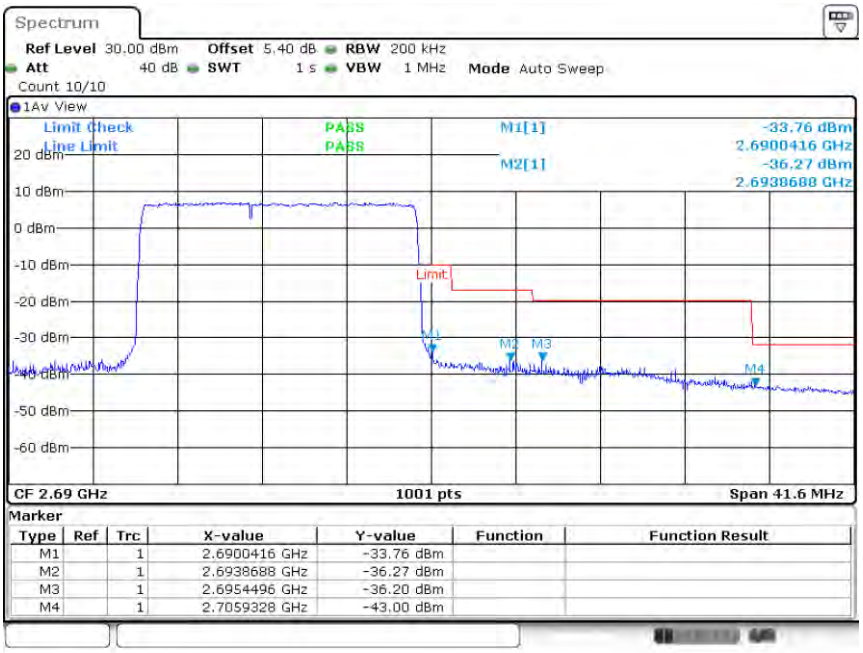

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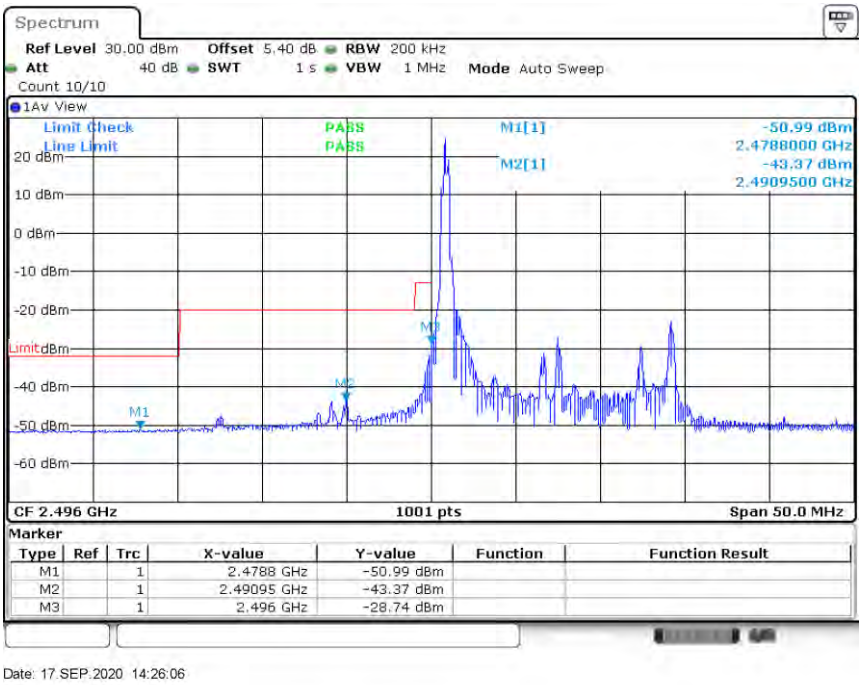

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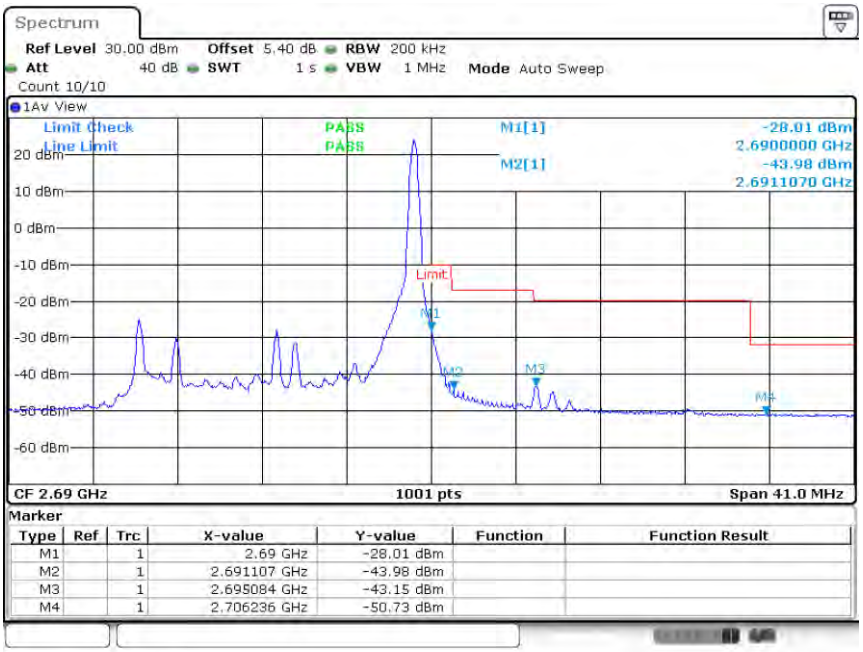
Band41-15MHz-16QAM-39725-75RB#0

Date: 12.OCT.2020 11:44:18

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



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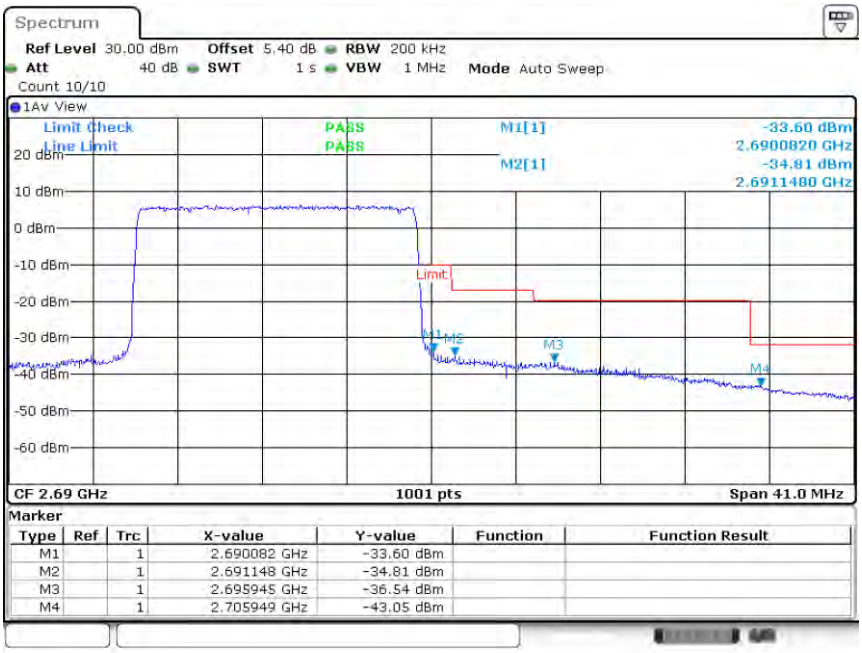

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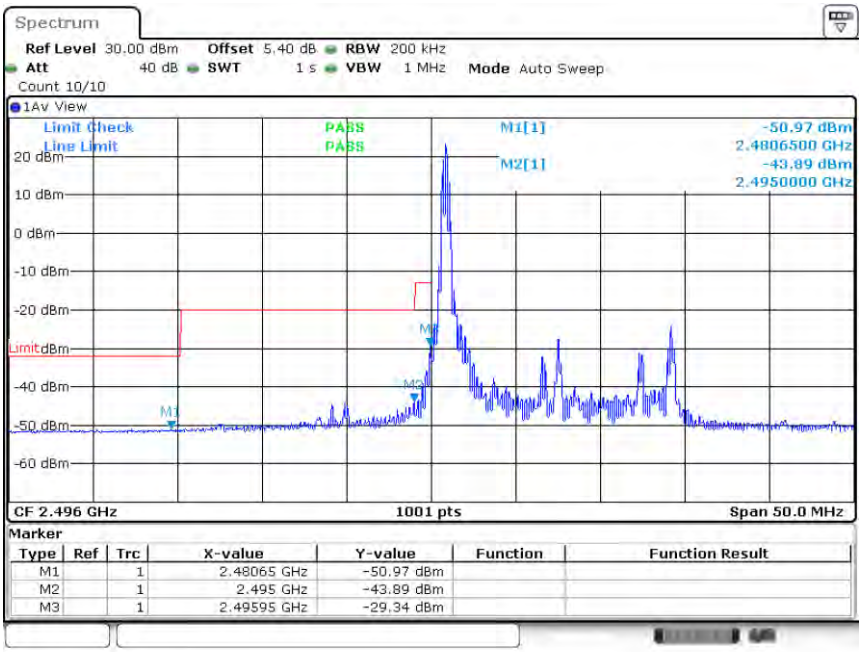
Band41-15MHz-64QAM-39725-1RB#0



Date: 17.SEP.2020 16:13:40

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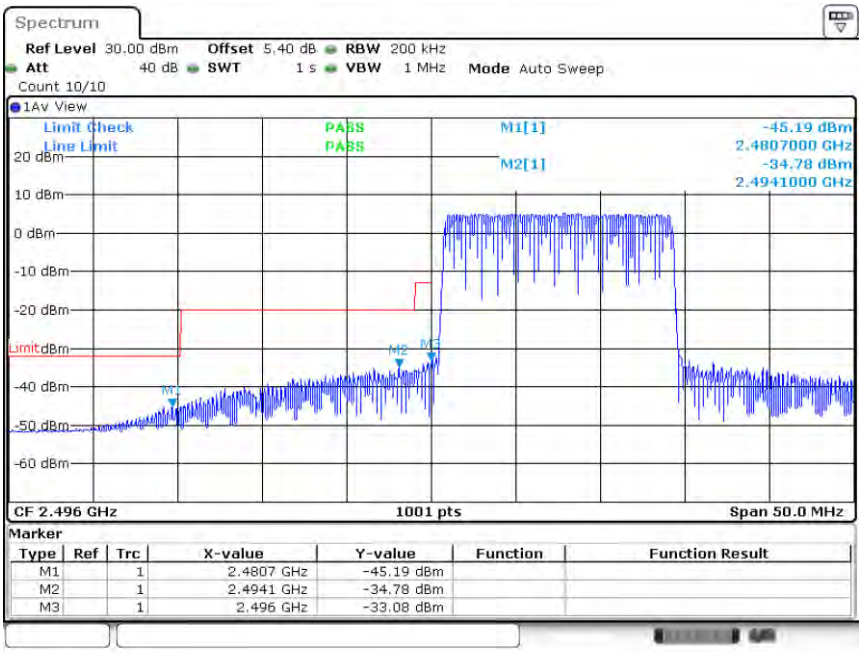
Band41-15MHz-64QAM-39725-75RB#0



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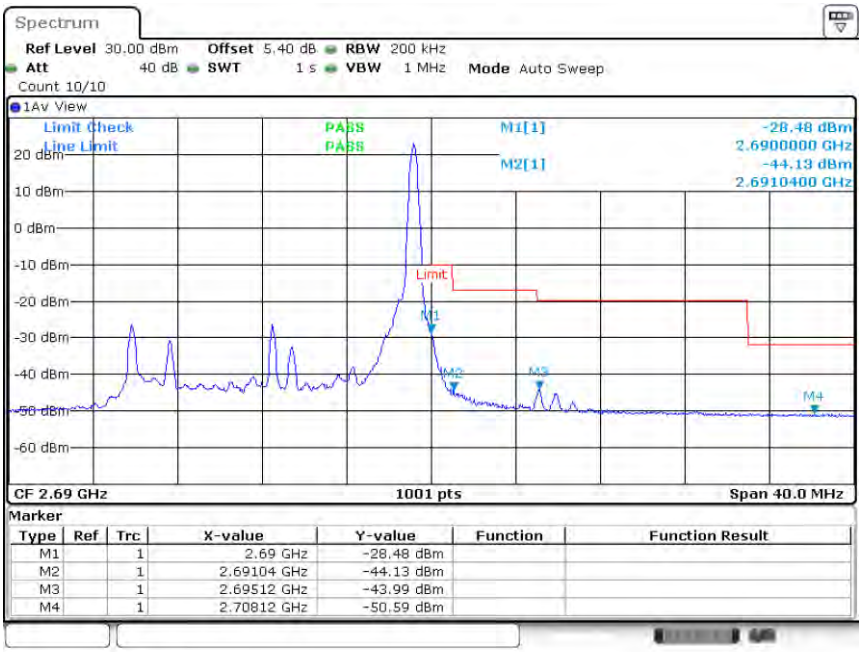

Date: 17 SEP.2020 16:14:55

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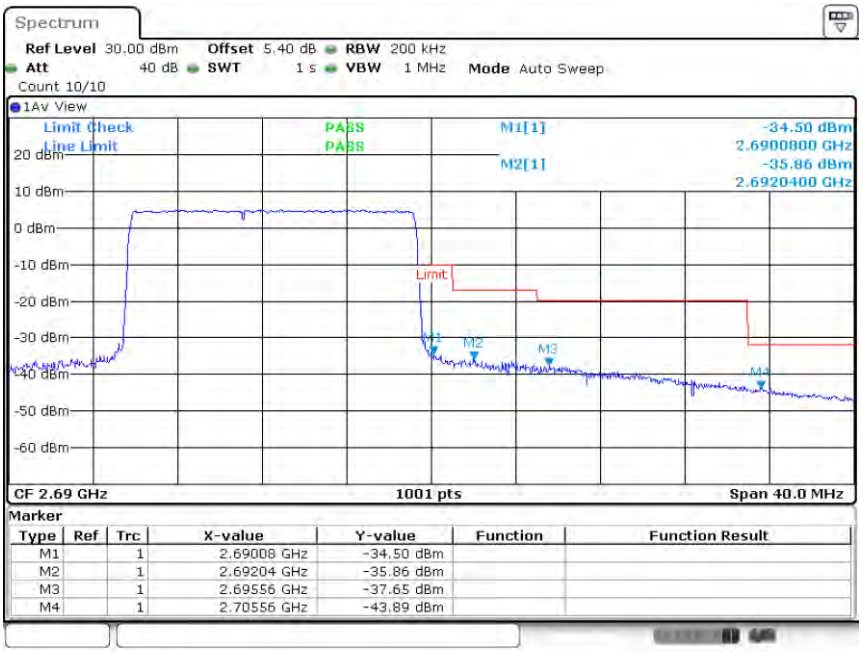
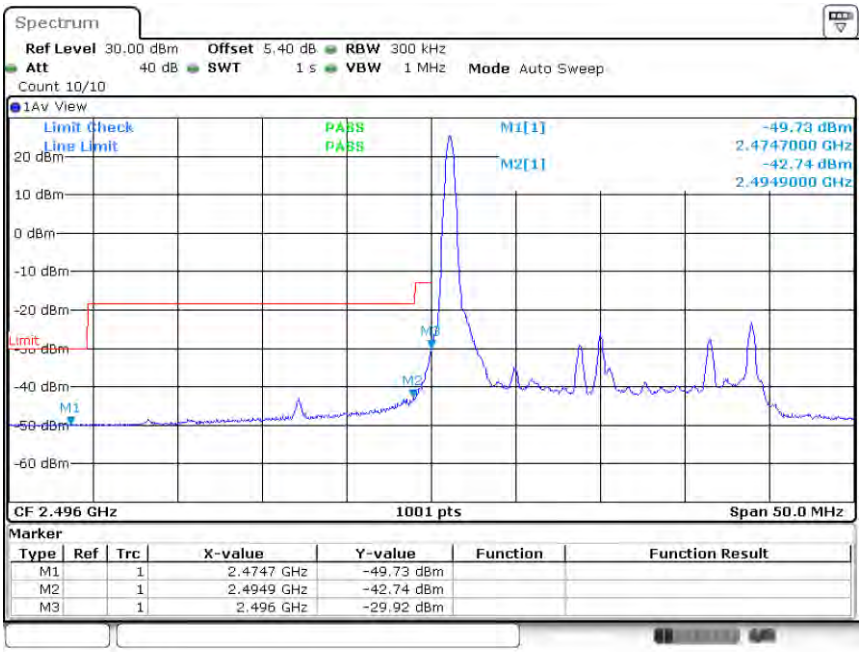
Band41-15MHz-64QAM-41515-75RB#0



Date: 17 SEP.2020 16:15:20

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



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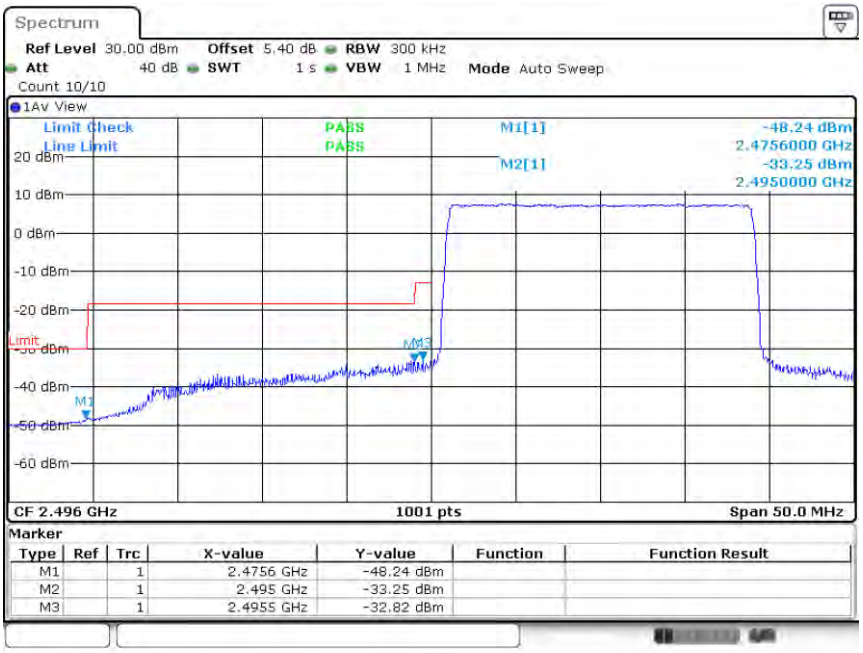
Band41-20MHz-QPSK-39750-100RB#0



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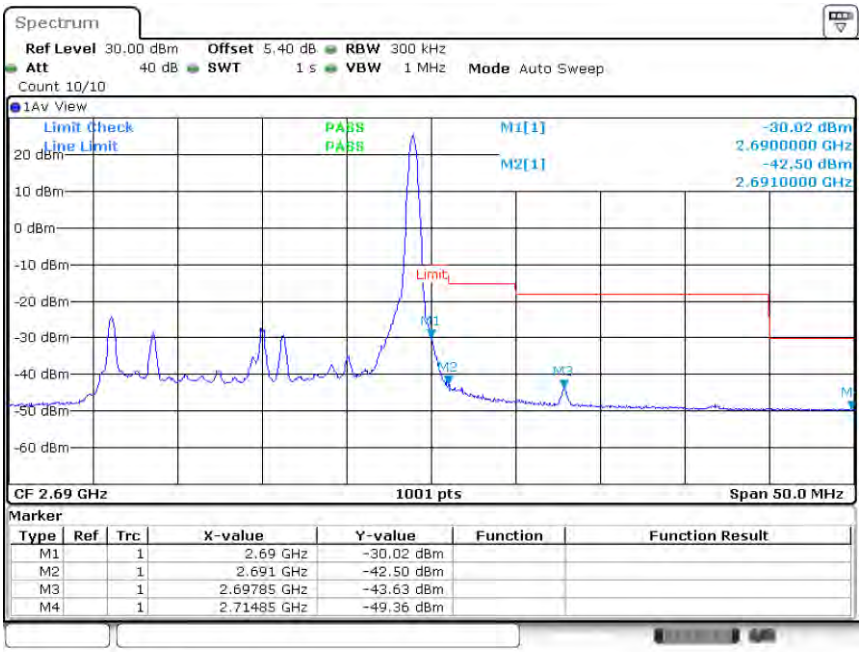
Band41-20MHz-QPSK-41490-1RB#99



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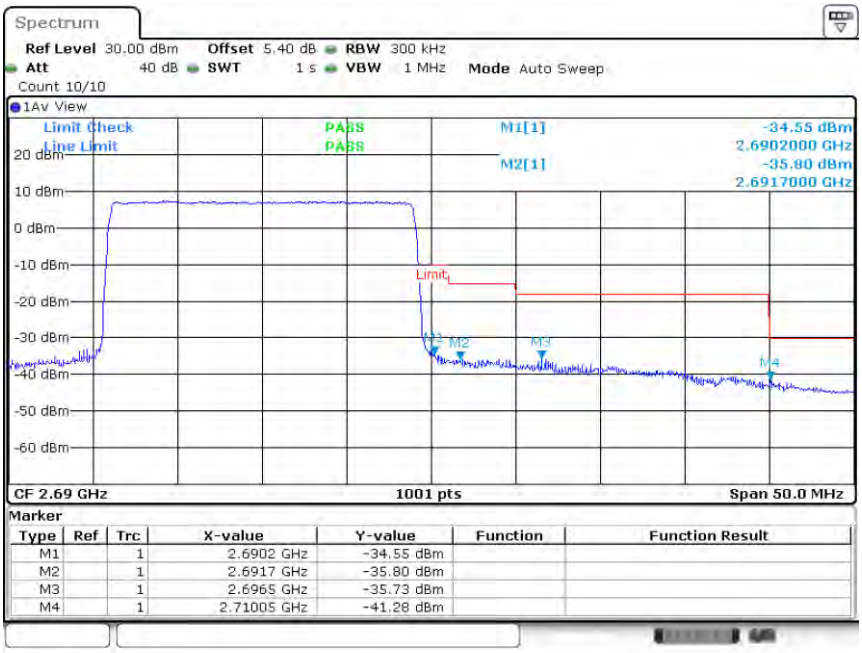
Band41-20MHz-QPSK-41490-100RB#0



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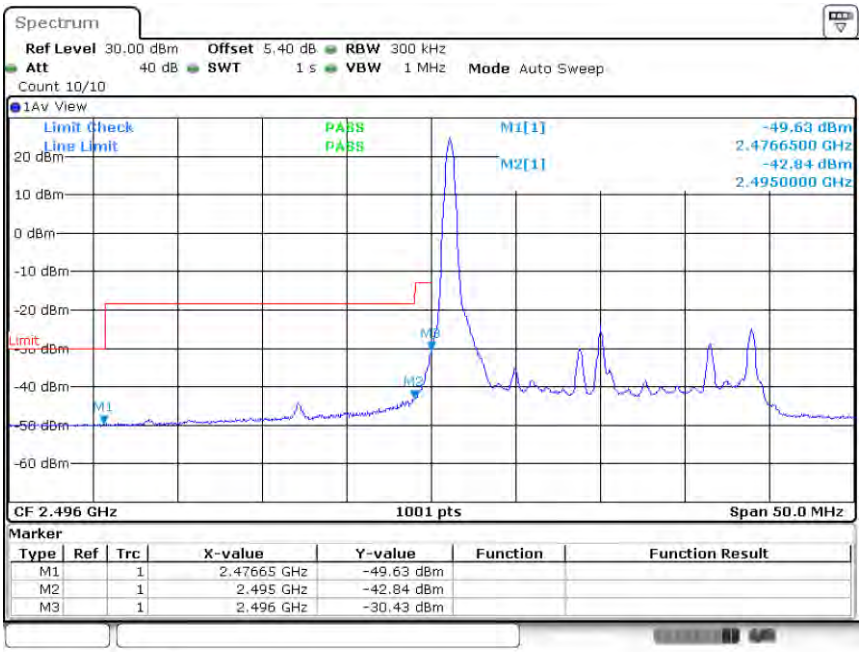
Band41-20MHz-16QAM-39750-1RB#0



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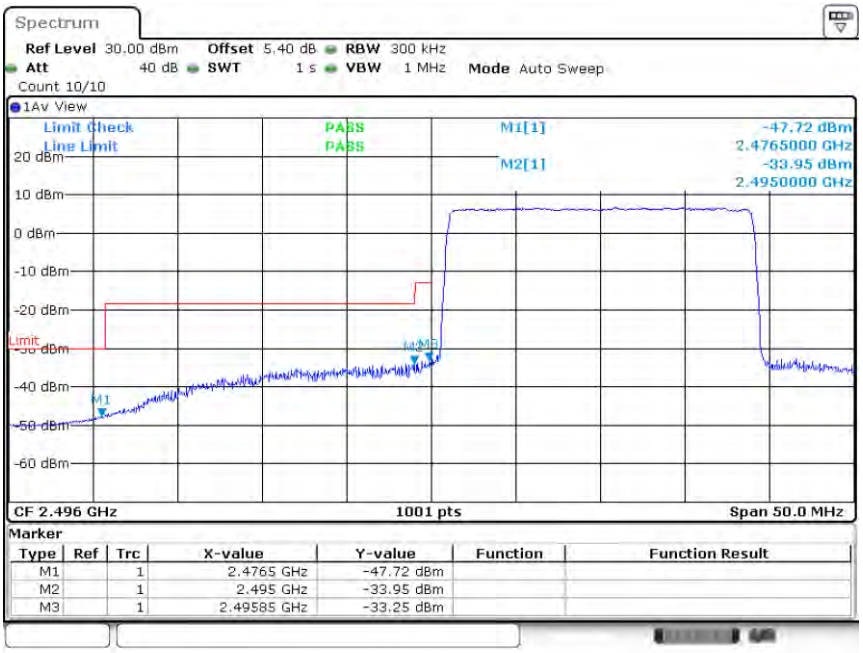
Band41-20MHz-16QAM-39750-100RB#0



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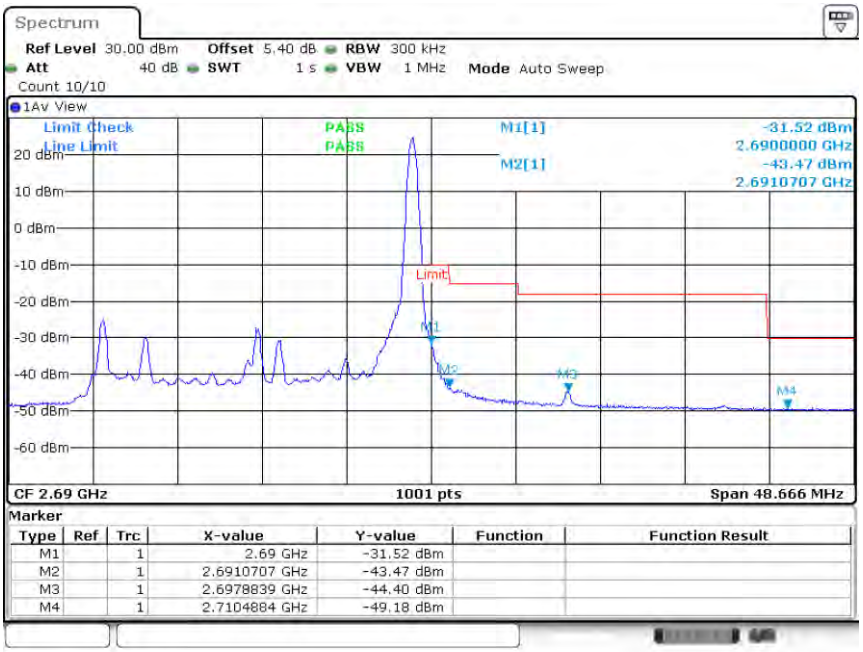
Band41-20MHz-16QAM-41490-1RB#99



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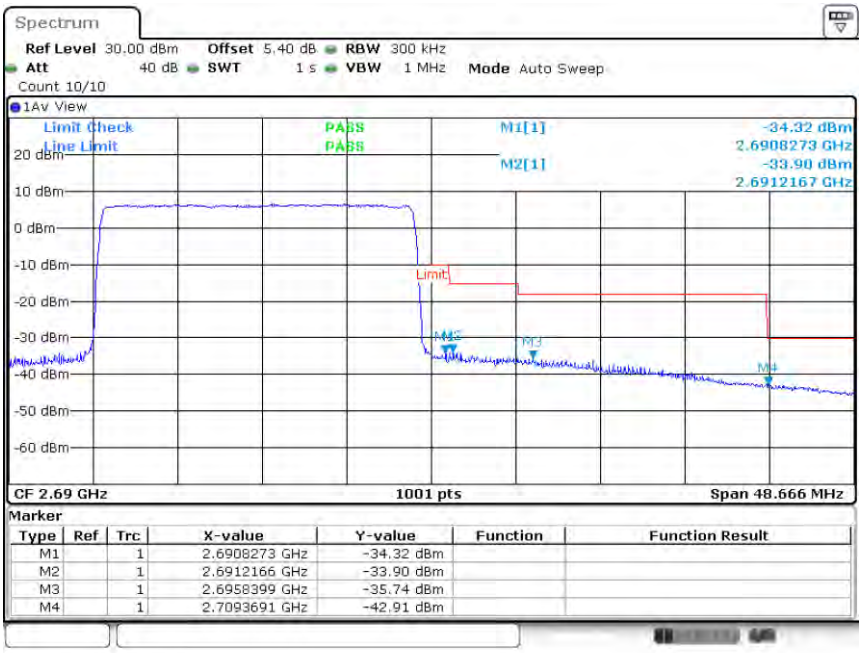
Band41-20MHz-16QAM-41490-100RB#0



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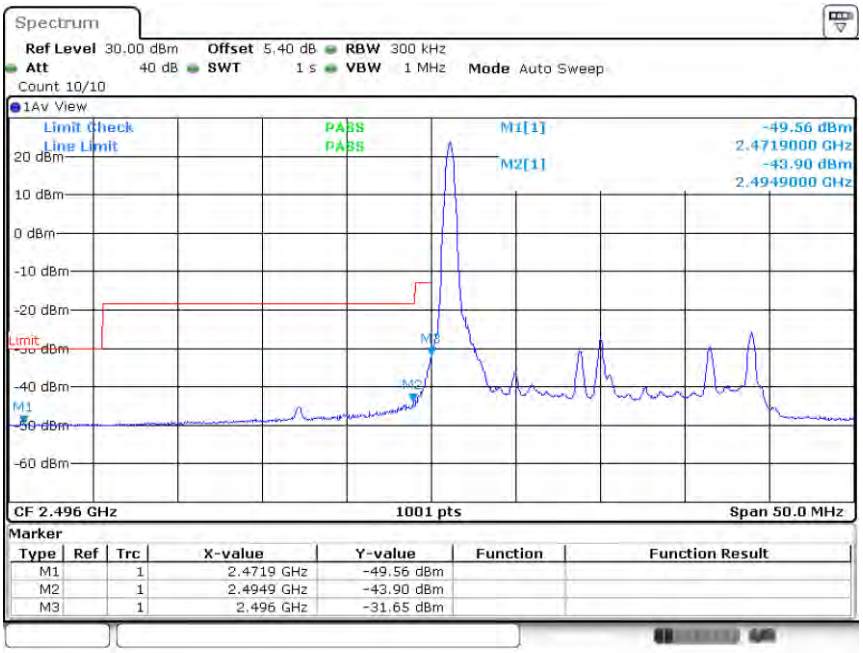
Band41-20MHz-64QAM-39750-1RB#0



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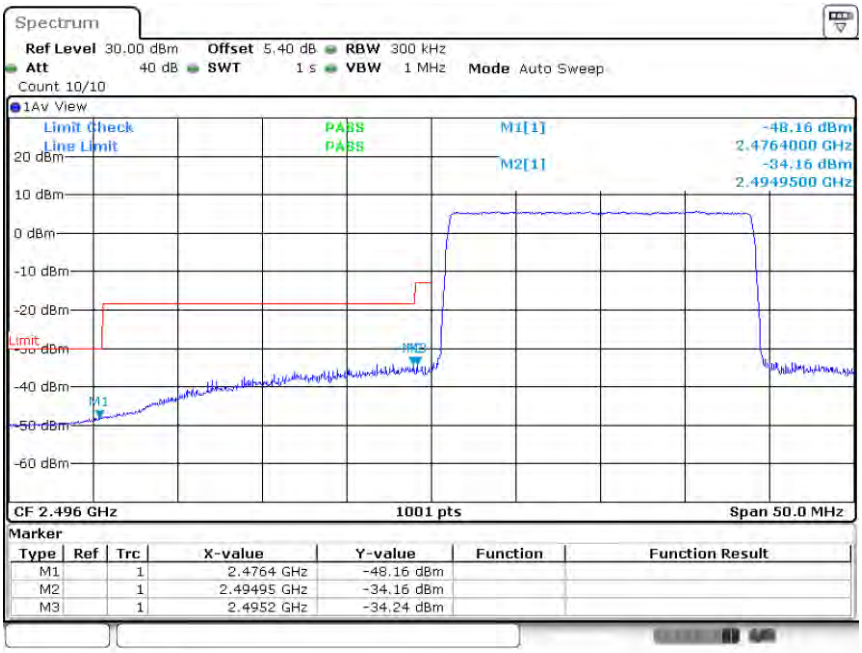
Band41-20MHz-64QAM-39750-100RB#0



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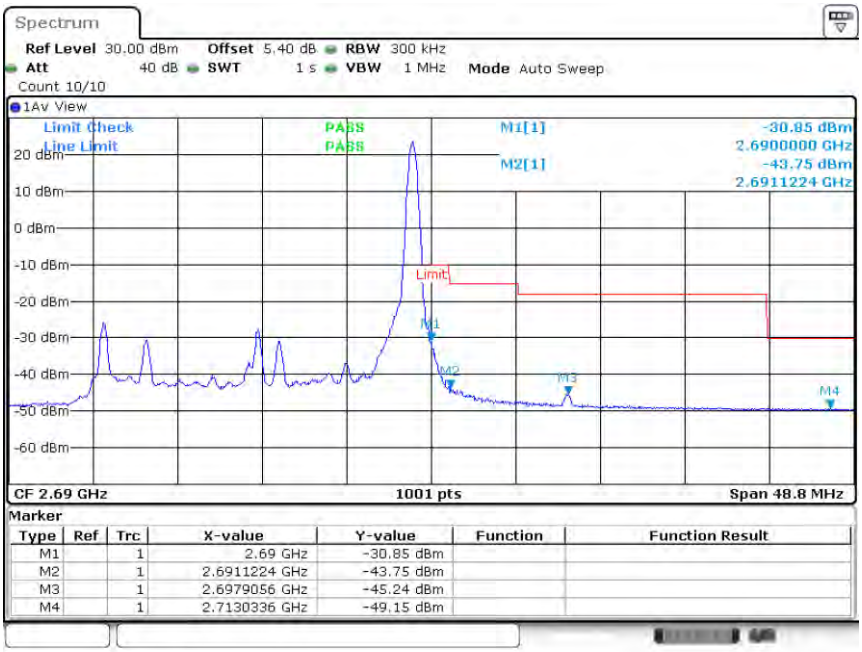
Band41-20MHz-64QAM-41490-1RB#99



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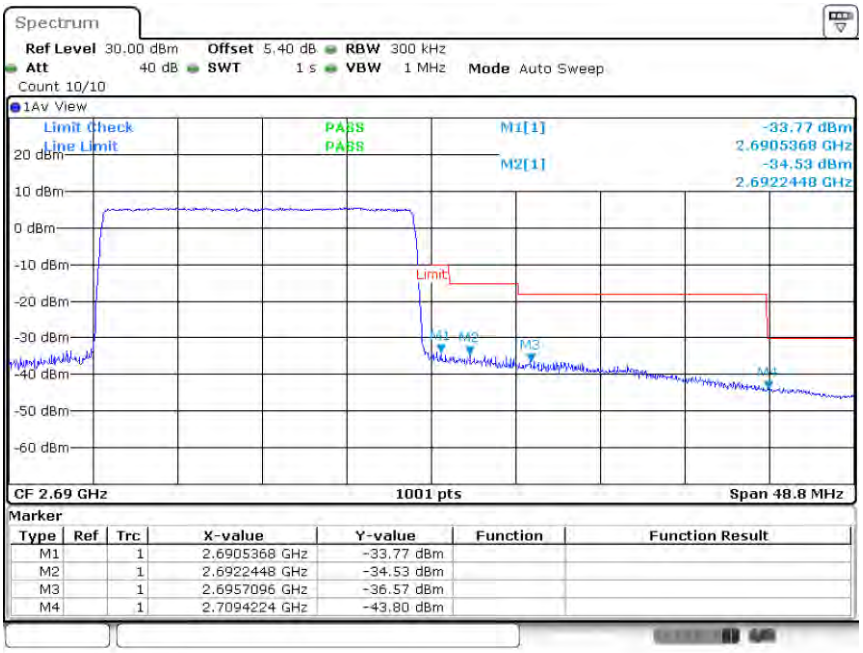
Band41-20MHz-64QAM-41490-100RB#0



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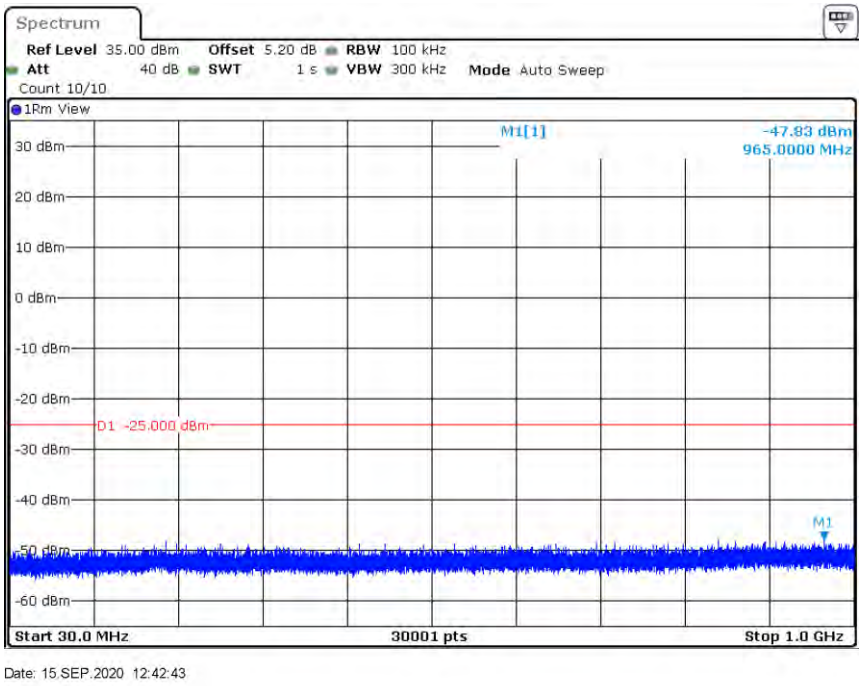
6 Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

6.1 Test Plots

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



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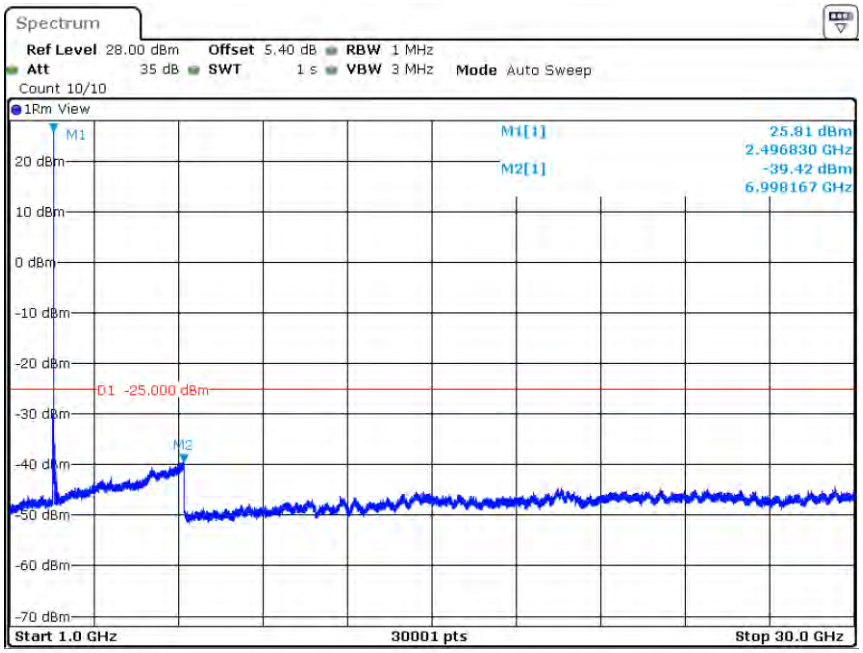
Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



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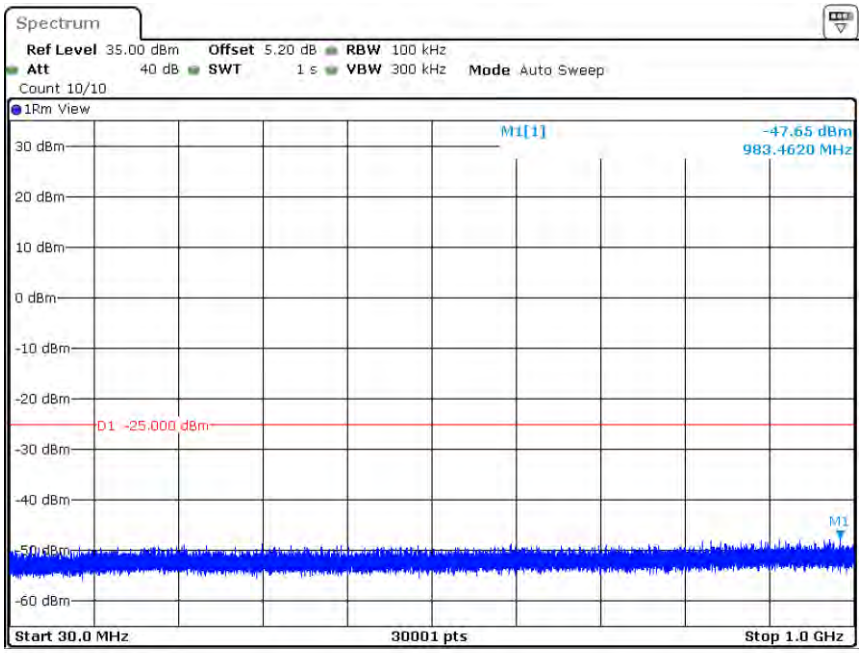

Date: 15.SEP.2020 12:44:01

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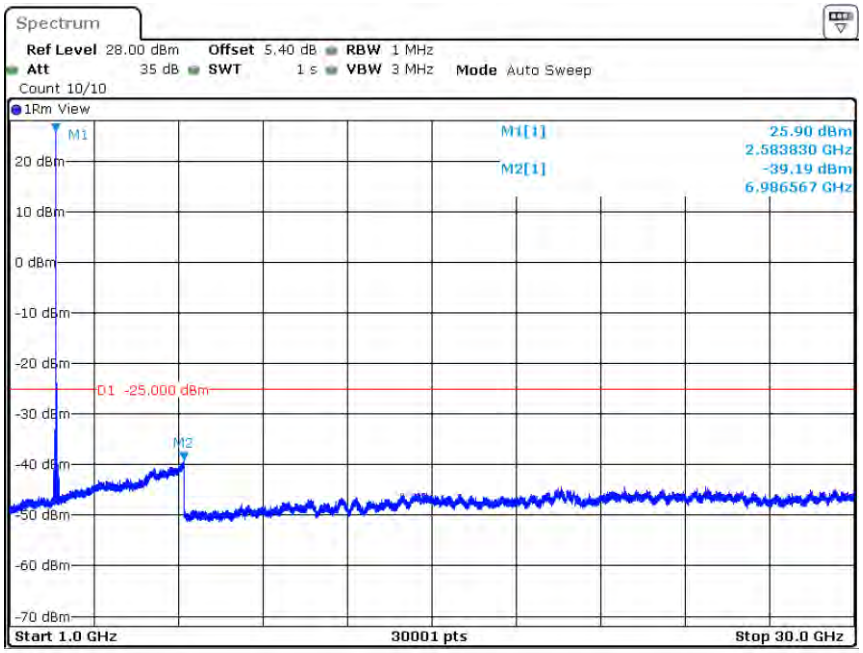
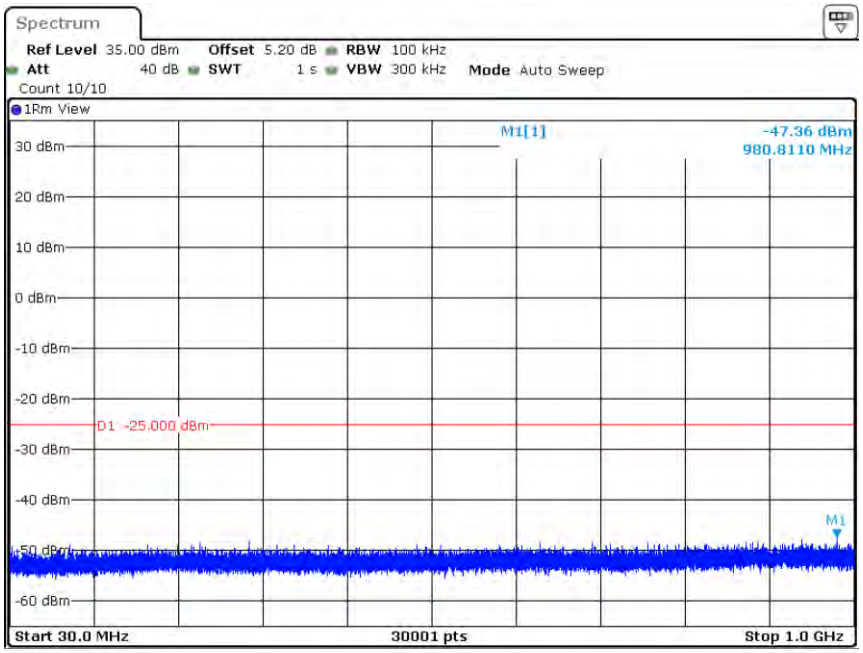
Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 15.SEP.2020 12:44:18

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



Date: 15.SEP.2020 12:45:19

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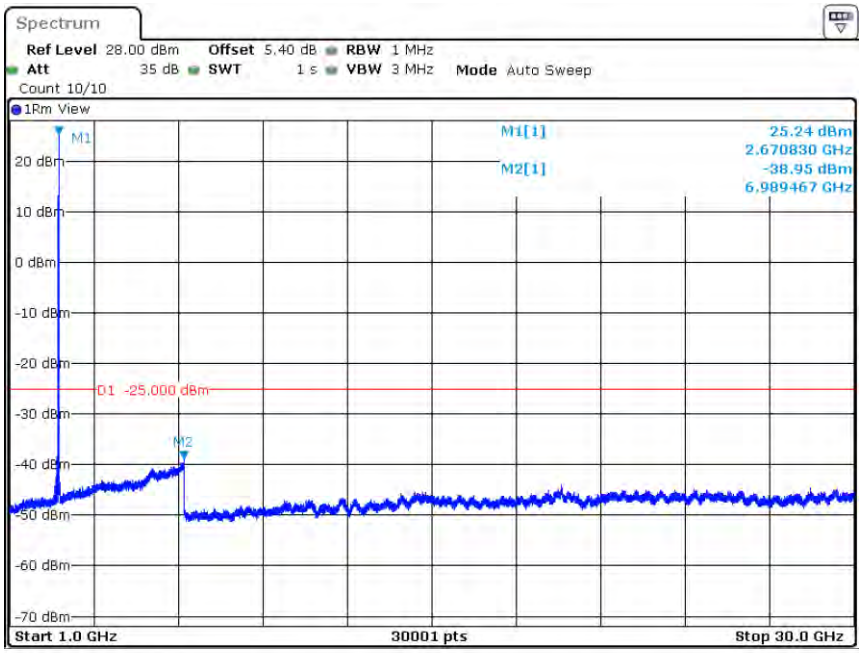
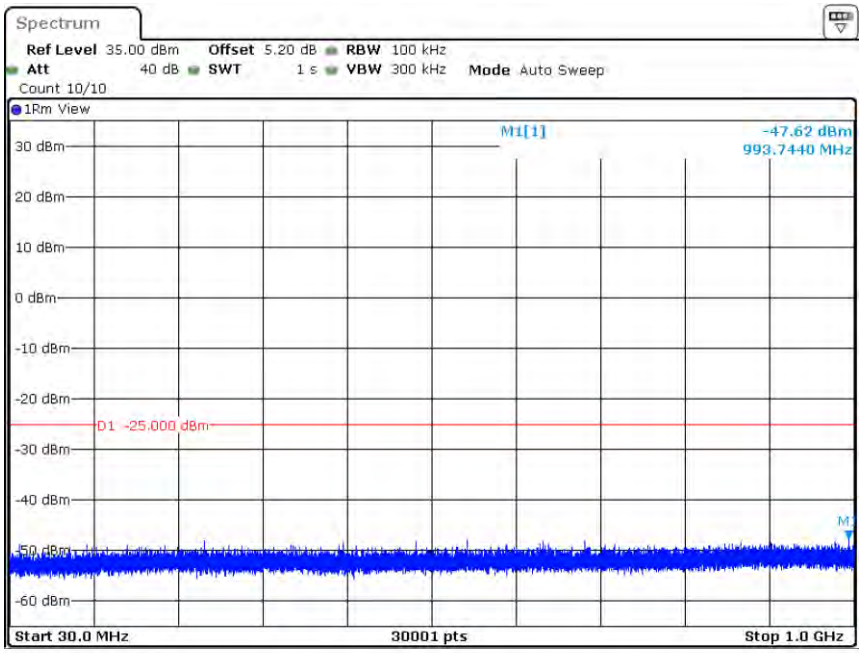
Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 15.SEP.2020 12:45:36

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



Date: 15.SEP.2020 12:43:22

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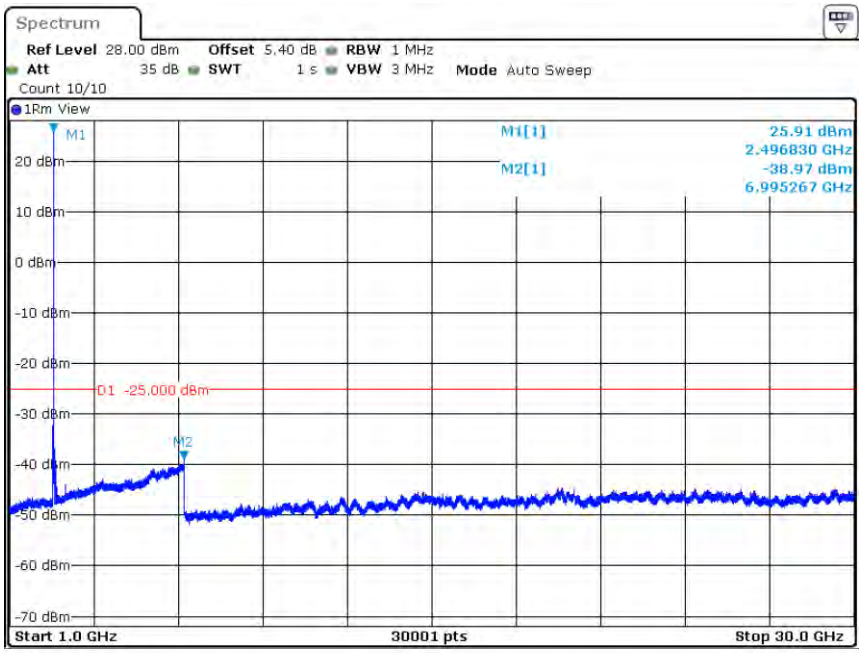
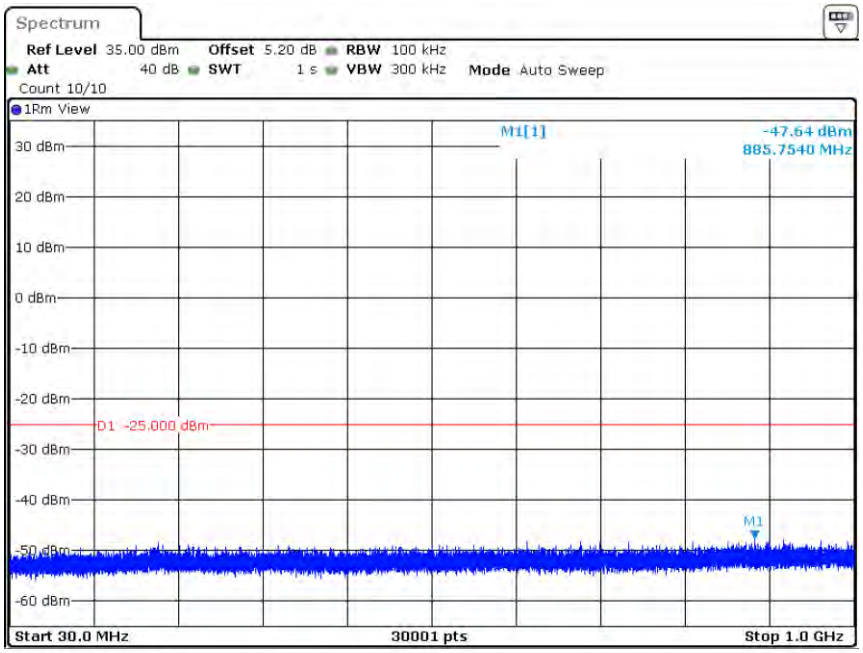
Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 15.SEP.2020 12:43:39

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



Date: 15.SEP.2020 12:44:40

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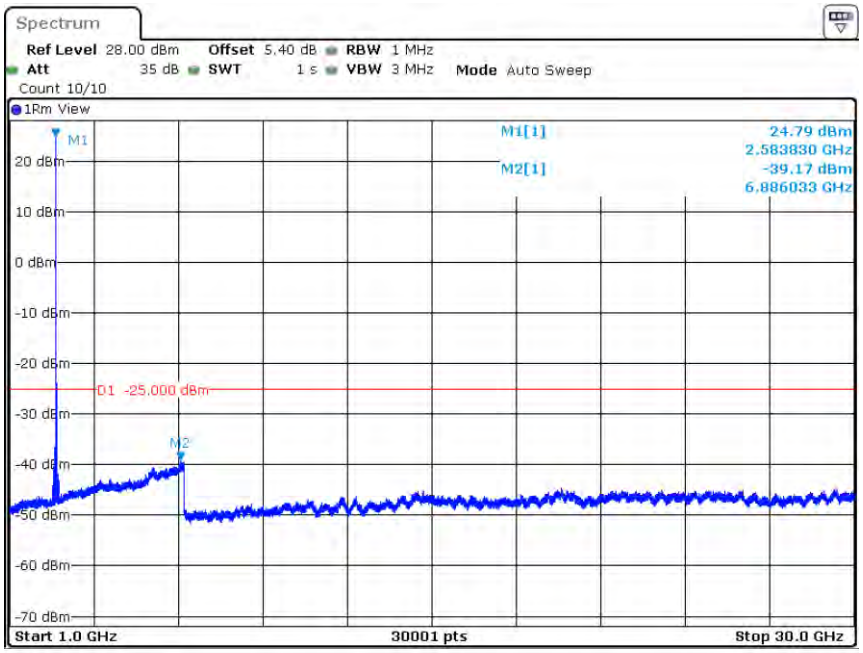
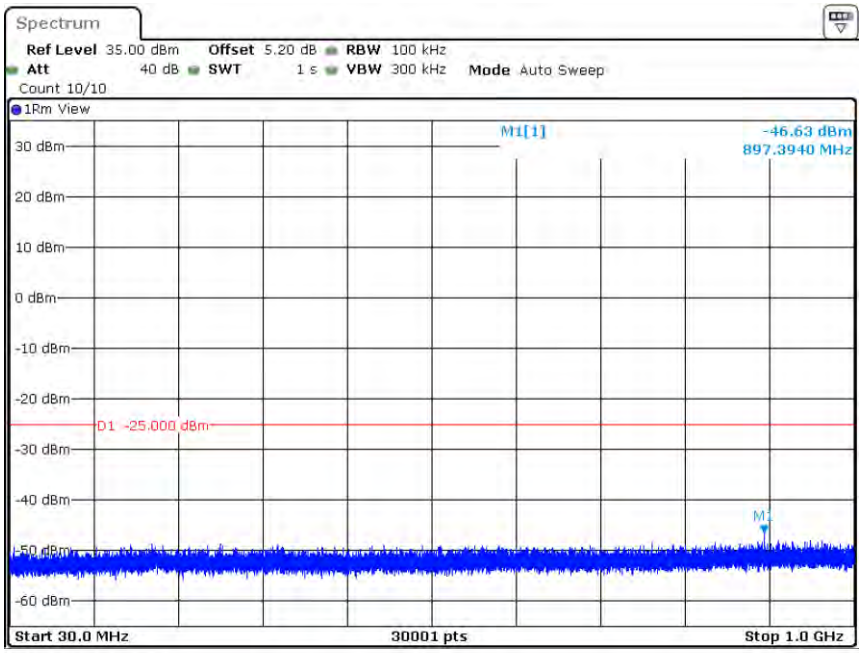


Date: 15.SEP.2020 12:44:57

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



Date: 15.SEP.2020 12:45:58

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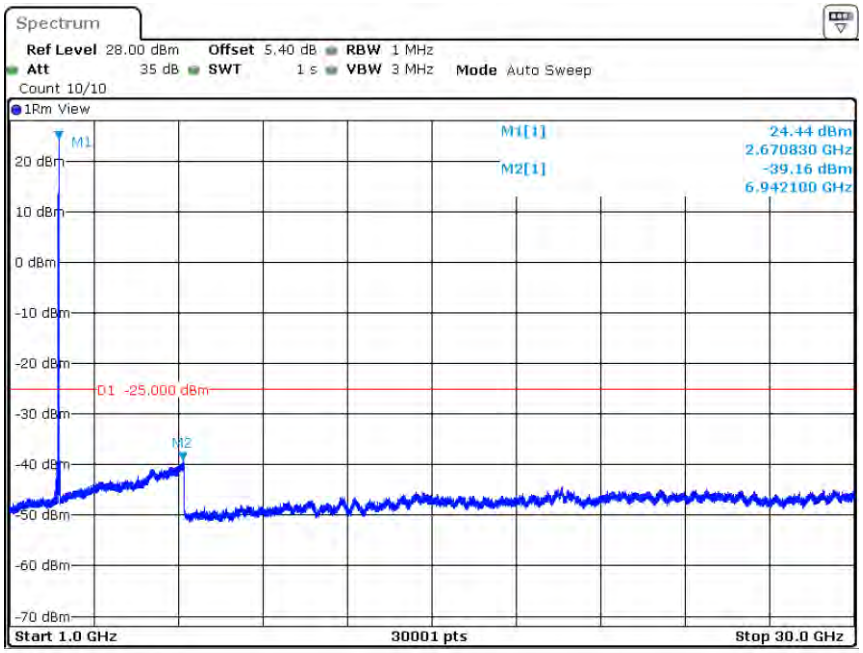
Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



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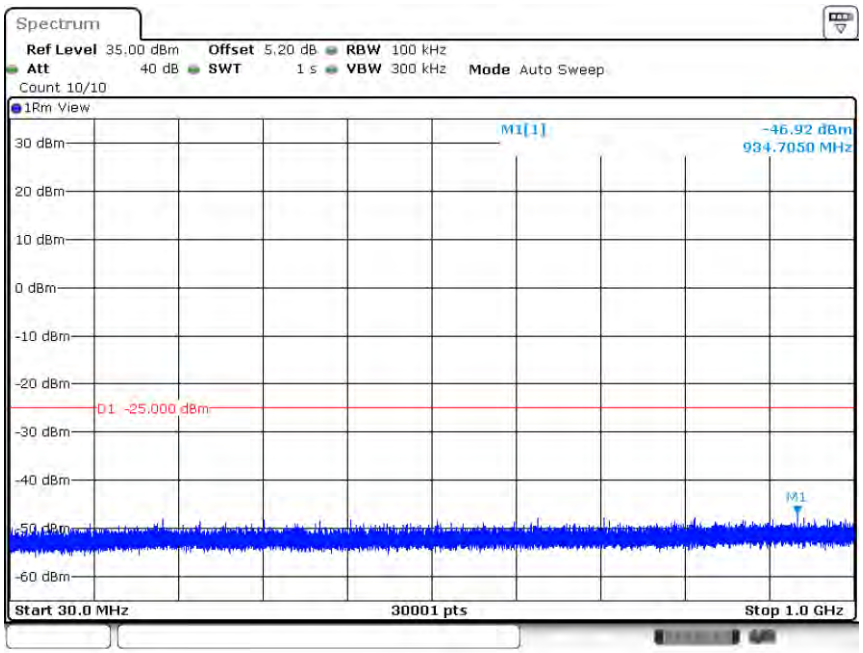
Band41-20MHz-64QAM-39750-1RB#0-Range1:30~1000MHz



Date: 17.SEP.2020 16:17:48

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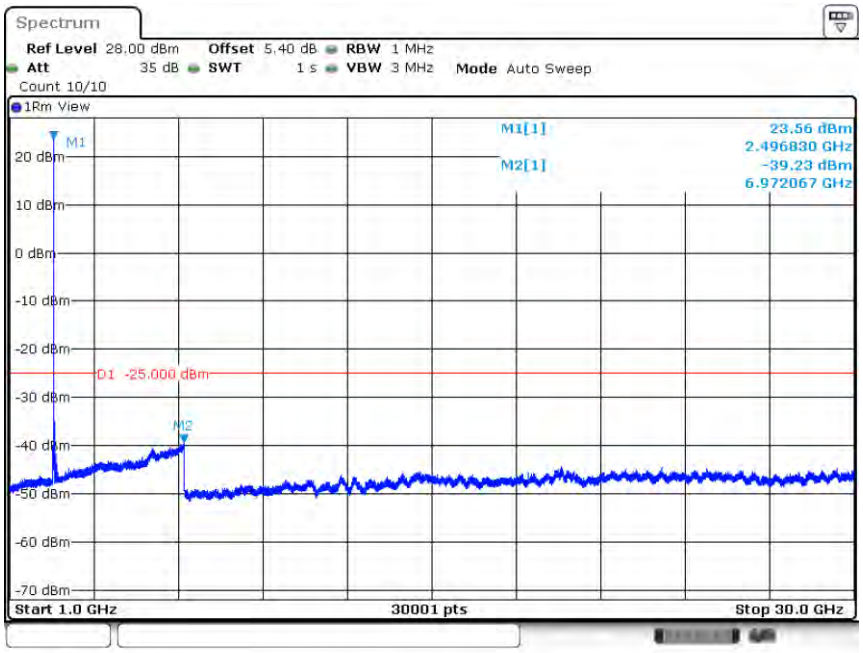
Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



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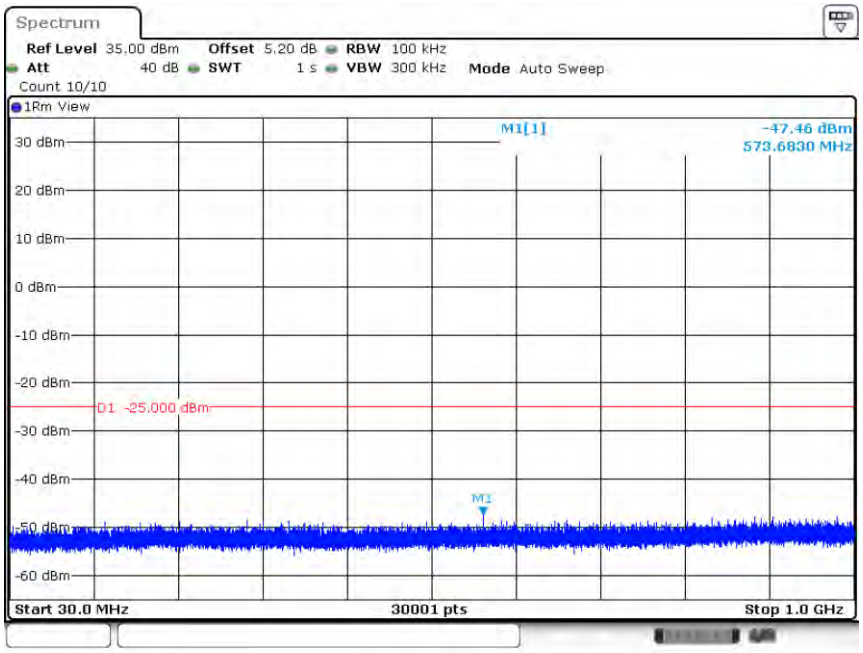

Date: 17.SEP.2020 16:18:27

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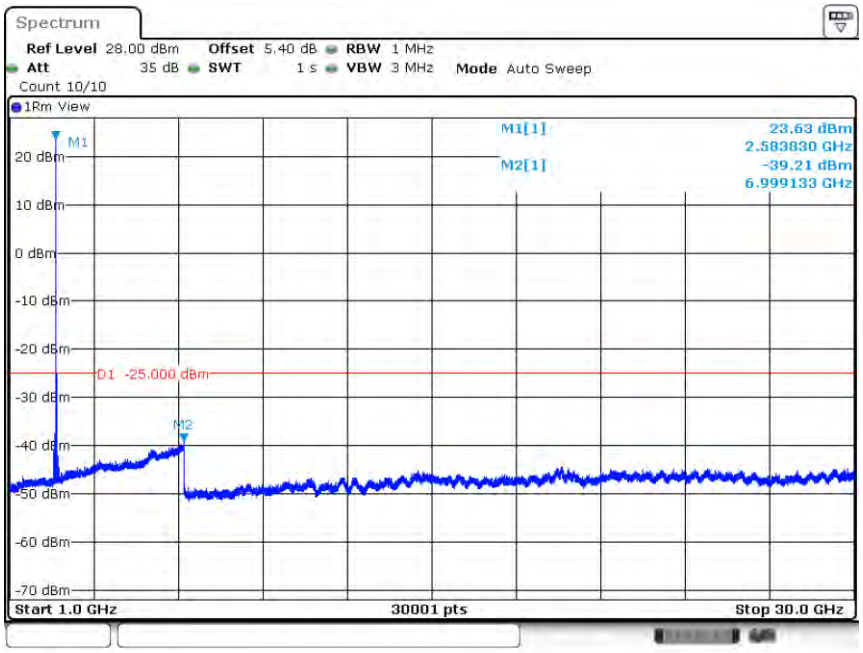

Date: 17.SEP.2020 16:18:44

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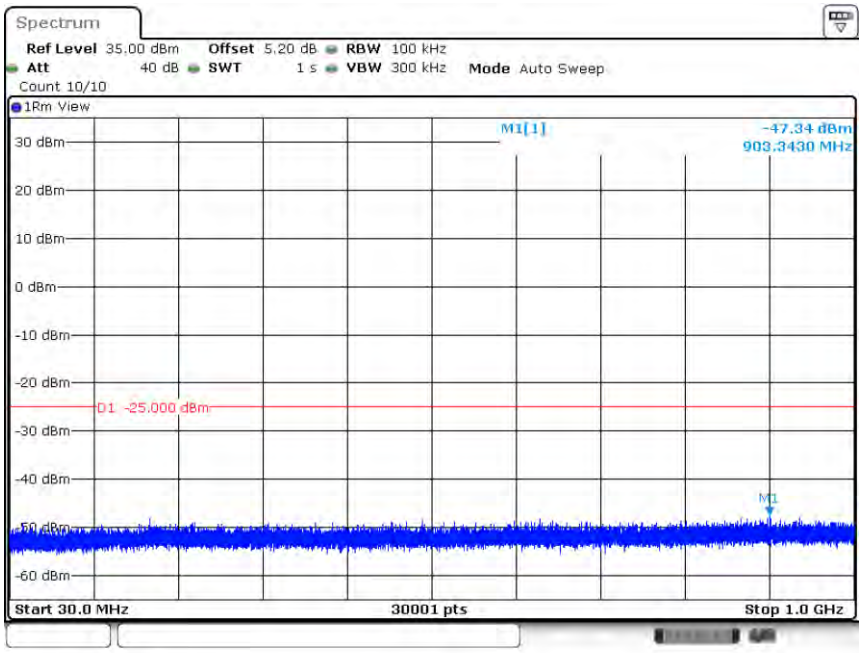

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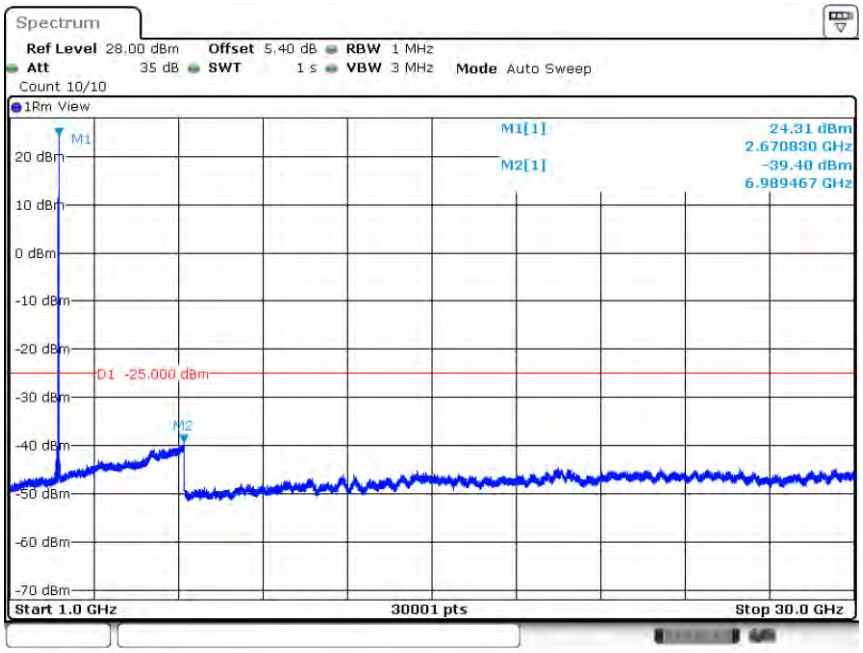

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7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 20MHz (Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.0970	-75.17	-25.00	50.17	Vertical
115.4128	-64.13	-25.00	39.13	Vertical
637.4444	-64.17	-25.00	39.17	Vertical
3640.5214	-61.88	-25.00	36.88	Vertical
7462.6488	-55.84	-25.00	30.84	Vertical
17999.0000	-39.45	-25.00	14.45	Vertical
44.5022	-63.23	-25.00	38.23	Horizontal
101.4926	-76.01	-25.00	51.01	Horizontal
234.5832	-68.69	-25.00	43.69	Horizontal
3640.0213	-61.00	-25.00	36.00	Horizontal
7491.1497	-55.31	-25.00	30.31	Horizontal
16375.4458	-43.61	-25.00	18.61	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-75.60	-25.00	50.60	Vertical
110.2715	-65.58	-25.00	40.58	Vertical
465.3093	-66.97	-25.00	41.97	Vertical
5154.0718	-61.85	-25.00	36.85	Vertical
7455.1485	-55.98	-25.00	30.98	Vertical
17995.9999	-39.75	-25.00	14.75	Vertical
46.2483	-63.41	-25.00	38.41	Horizontal
106.2458	-76.43	-25.00	51.43	Horizontal
250.8315	-68.51	-25.00	43.51	Horizontal
5060.5687	-61.34	-25.00	36.34	Horizontal
7473.1491	-56.40	-25.00	31.40	Horizontal
16393.4464	-43.51	-25.00	18.51	Horizontal

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7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1455	-76.20	-25.00	51.20	Vertical
111.2901	-65.13	-25.00	40.13	Vertical
317.7649	-67.95	-25.00	42.95	Vertical
3630.5210	-61.86	-25.00	36.86	Vertical
7456.1485	-55.75	-25.00	30.75	Vertical
17996.4999	-39.75	-25.00	14.75	Vertical
40.8160	-64.02	-25.00	39.02	Horizontal
100.9590	-75.79	-25.00	50.79	Horizontal
235.2623	-67.80	-25.00	42.80	Horizontal
3632.5211	-60.63	-25.00	35.63	Horizontal
7435.6479	-56.25	-25.00	31.25	Horizontal
16385.4462	-43.79	-25.00	18.79	Horizontal

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7.2 Test Mode =LTE/TM1 20MHz (Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.8245	-76.11	-25.00	51.11	Vertical
111.0961	-65.43	-25.00	40.43	Vertical
382.1761	-67.55	-25.00	42.55	Vertical
3760.5254	-61.61	-25.00	36.61	Vertical
7491.6497	-54.87	-25.00	29.87	Vertical
17998.5000	-39.82	-25.00	14.82	Vertical
42.1741	-64.77	-25.00	39.77	Horizontal
105.8093	-74.88	-25.00	49.88	Horizontal
249.6675	-67.96	-25.00	42.96	Horizontal
3521.5174	-61.12	-25.00	36.12	Horizontal
7491.6497	-51.68	-25.00	26.68	Horizontal
16388.9463	-42.77	-25.00	17.77	Horizontal

7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1641	-74.87	-25.00	49.87	Vertical
109.9320	-65.54	-25.00	40.54	Vertical
595.7808	-64.08	-25.00	39.08	Vertical
3863.0288	-61.64	-25.00	36.64	Vertical
7417.1472	-55.81	-25.00	30.81	Vertical
17999.5000	-39.73	-25.00	14.73	Vertical
43.2897	-64.62	-25.00	39.62	Horizontal
99.1160	-76.10	-25.00	51.10	Horizontal
229.5390	-67.84	-25.00	42.84	Horizontal
3684.0228	-61.31	-25.00	36.31	Horizontal
7751.6584	-51.57	-25.00	26.57	Horizontal
16402.9468	-43.36	-25.00	18.36	Horizontal

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7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
32.0371	-74.77	-25.00	49.77	Vertical
110.9020	-65.30	-25.00	40.30	Vertical
402.8866	-67.54	-25.00	42.54	Vertical
5342.0781	-60.21	-25.00	35.21	Vertical
8013.1671	-52.13	-25.00	27.13	Vertical
17996.9999	-39.36	-25.00	14.36	Vertical
41.9801	-64.30	-25.00	39.30	Horizontal
99.5525	-75.99	-25.00	50.99	Horizontal
231.8671	-68.70	-25.00	43.70	Horizontal
5154.0718	-60.95	-25.00	35.95	Horizontal
7455.6485	-55.94	-25.00	30.94	Horizontal
16391.9464	-43.12	-25.00	18.12	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

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	11.30	0.004509	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	16.10	0.006425	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	13.00	0.005188	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	15.90	0.006132	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	12.40	0.004782	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	10.50	0.004049	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	11.60	0.004328	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	10.50	0.003918	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	13.30	0.004963	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	10.20	0.004070	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	10.00	0.003990	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	16.80	0.006704	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	7.30	0.002815	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	11.50	0.004435	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	10.70	0.004126	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	8.20	0.003060	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	9.00	0.003358	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	10.30	0.003843	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	15.90	0.006345	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	13.60	0.005427	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	11.00	0.004389	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	13.20	0.005091	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	9.70	0.003741	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	10.00	0.003857	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	9.00	0.003358	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	10.60	0.003955	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	13.20	0.004925	±2.5	PASS

8.2 Frequency Vs Temperature

Temperature

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Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	10.10	0.004030	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	12.70	0.005068	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	10.90	0.004350	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	14.00	0.005587	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	10.50	0.004190	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	14.50	0.005786	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	13.80	0.005507	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	12.10	0.004828	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	15.10	0.006026	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	11.70	0.004512	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	10.80	0.004165	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	7.00	0.002700	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	11.70	0.004512	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	12.50	0.004821	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	7.50	0.002892	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	14.30	0.005515	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	12.20	0.004705	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	11.60	0.004474	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	6.00	0.002239	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	8.50	0.003172	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	6.20	0.002313	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	0	6.50	0.002425	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	10	11.60	0.004328	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	11.00	0.004104	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	10.50	0.003918	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	10.40	0.003881	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	12.90	0.004813	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	13.50	0.005387	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	13.10	0.005227	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	13.80	0.005507	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	12.30	0.004908	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	12.10	0.004828	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	16.70	0.006664	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	16.50	0.006584	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	11.30	0.004509	±2.5	PASS

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Band41	20MHz	16QAM	39750	100RB#0	NV	50	11.60	0.004629	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	4.90	0.001890	±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	8.90	0.003432	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	12.00	0.004628	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	9.00	0.003471	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	9.50	0.003664	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	10.50	0.004049	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	40	13.80	0.005322	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	50	8.70	0.003355	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-30	10.50	0.003918	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	9.30	0.003470	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	10.40	0.003881	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	10.50	0.003918	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	14.40	0.005373	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	12.80	0.004776	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	9.70	0.003619	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	7.50	0.002799	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	7.70	0.002873	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	16.40	0.006544	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	15.90	0.006345	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	13.40	0.005347	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	8.80	0.003512	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	11.50	0.004589	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	14.30	0.005706	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	12.00	0.004789	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	40	9.60	0.003831	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	9.20	0.003671	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	11.20	0.004319	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	13.30	0.005129	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	12.70	0.004898	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	9.50	0.003664	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	15.70	0.006055	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	9.00	0.003471	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	9.20	0.003548	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	10.60	0.004088	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	13.70	0.005283	±2.5	PASS

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Band41	20MHz	64QAM	41490	100RB#0	NV	-30	10.20	0.003806	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	7.70	0.002873	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	8.30	0.003097	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	15.60	0.005821	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	8.60	0.003209	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	20	11.90	0.004440	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	30	10.10	0.003769	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	12.60	0.004701	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	12.10	0.004515	±2.5	PASS

The End

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