



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





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





Band41	10MHz	64QAM	39700	1RB#24	23.23	22.48	33.00	PASS
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





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





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





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





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





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





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





Band41	15MHz	64QAM	41515	38RB#37	21.08	17.88	33.00	PASS
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





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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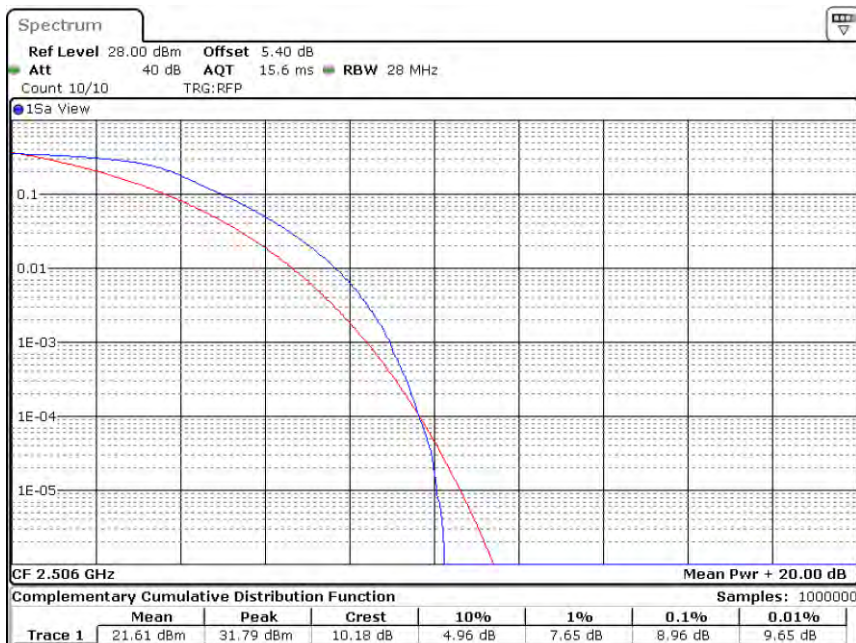
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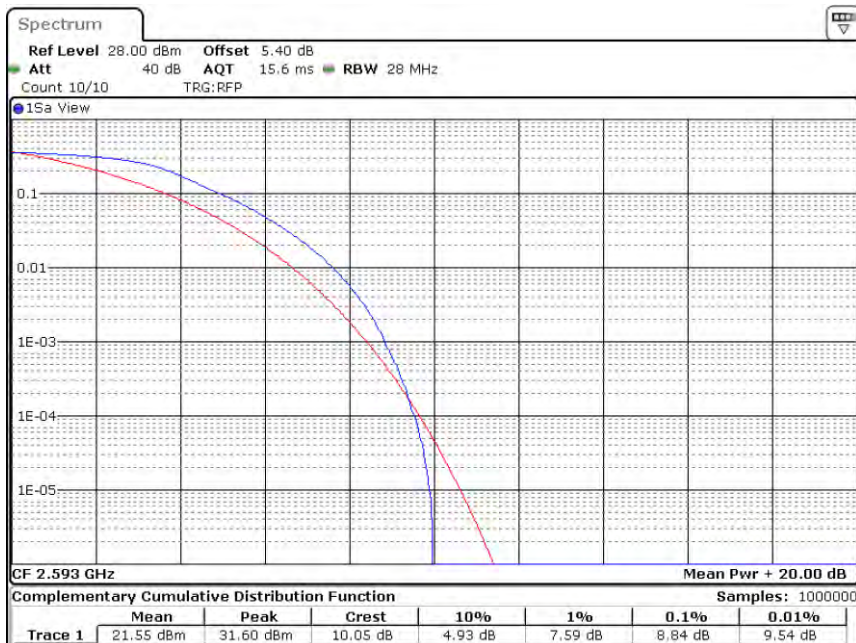
2.2 Test Plots

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



Date: 15 SEP.2020 12:46:34

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



Date: 15 SEP.2020 12:47:03



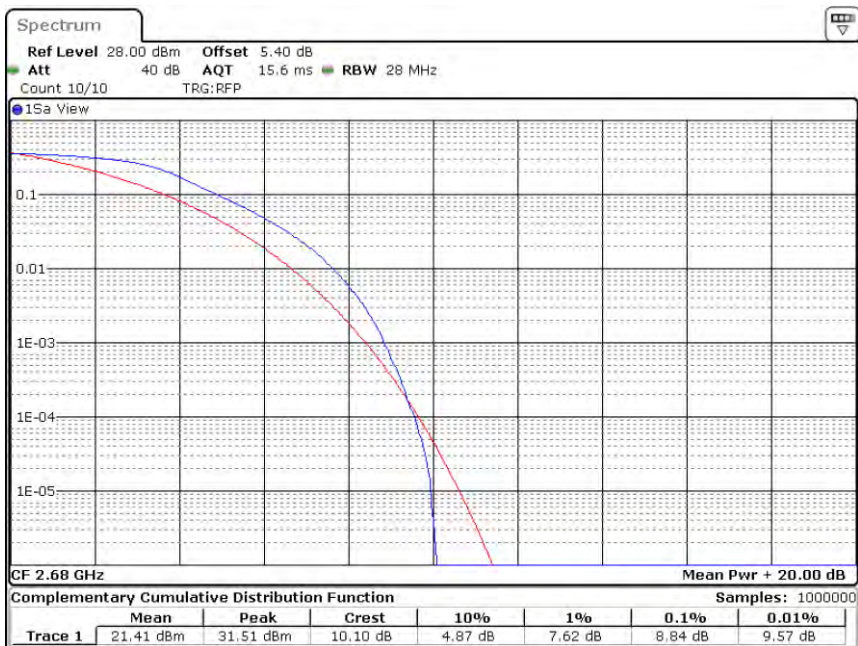
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Band41-20MHz-QPSK-41490-100RB#0



Date: 15 SEP.2020 12:47:32

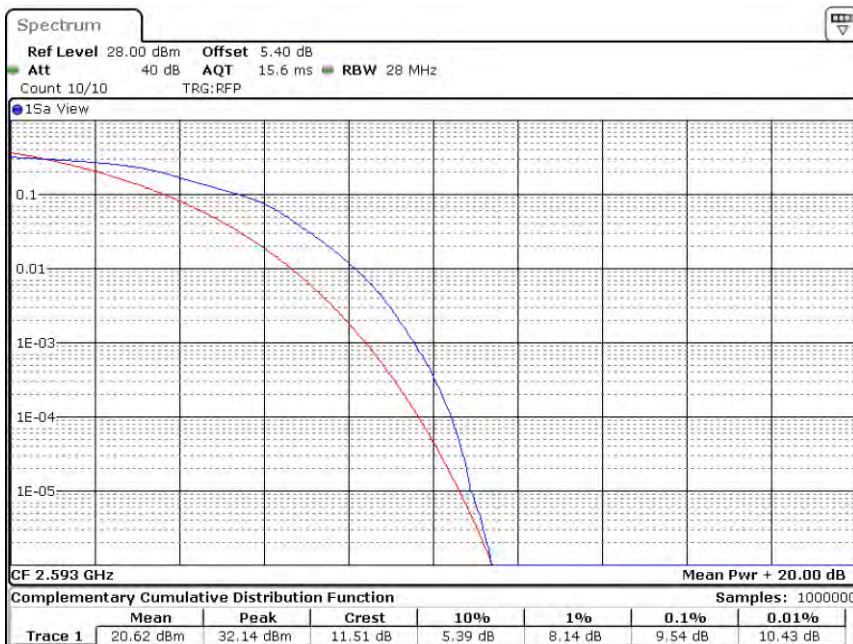
Band41-20MHz-16QAM-39750-100RB#0



Date: 15 SEP.2020 12:46:48



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



Date: 15 SEP.2020 12:47:17

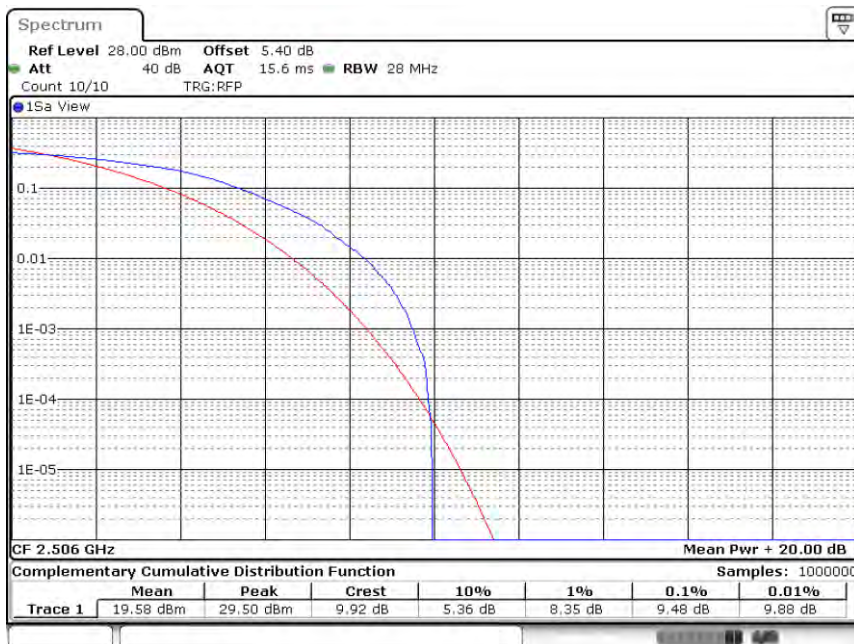
Band41-20MHz-16QAM-41490-100RB#0



Date: 15 SEP.2020 12:47:46

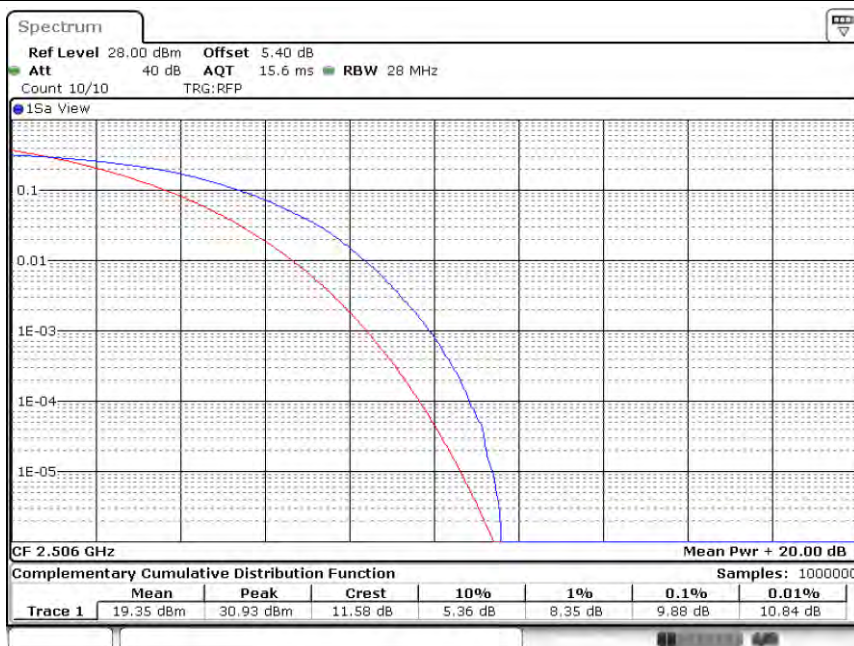


Band41-20MHz-64QAM-39750-1RB#0



Date: 17 SEP.2020 16:19:43

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



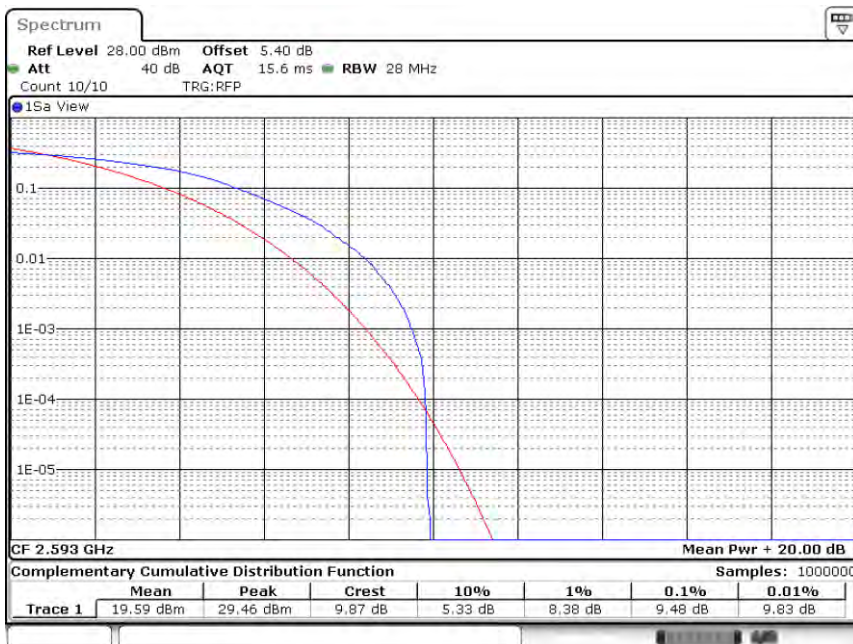
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Band41-20MHz-64QAM-40620-1RB#0



Date: 17 SEP.2020 16:20:12

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



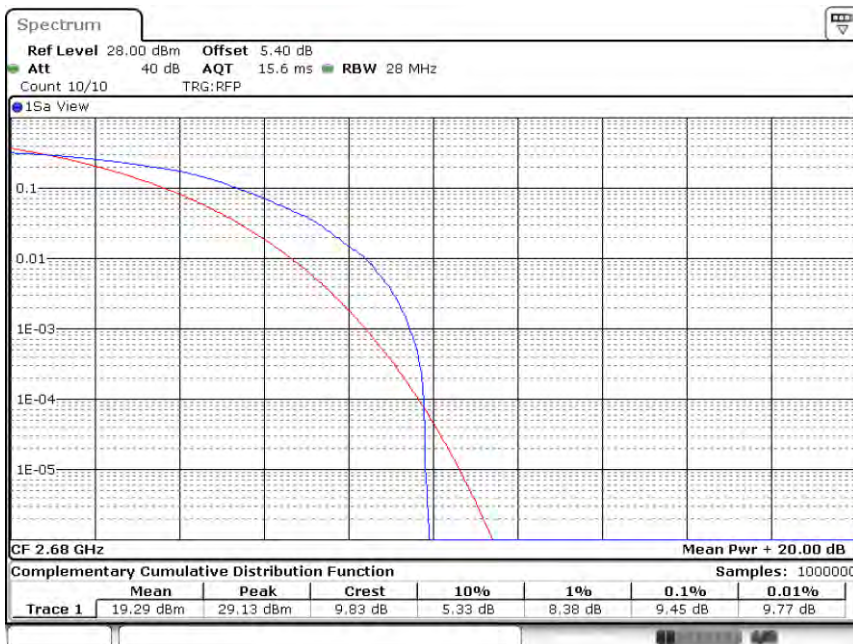
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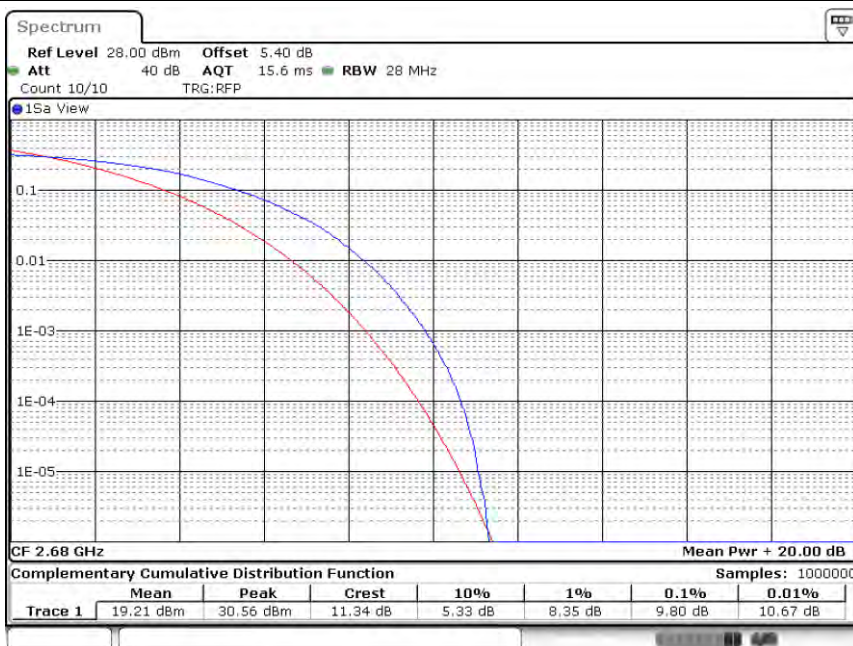
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Band41-20MHz-64QAM-41490-1RB#0



Date: 17 SEP.2020 16:20:40

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



Date: 17 SEP.2020 16:20:54



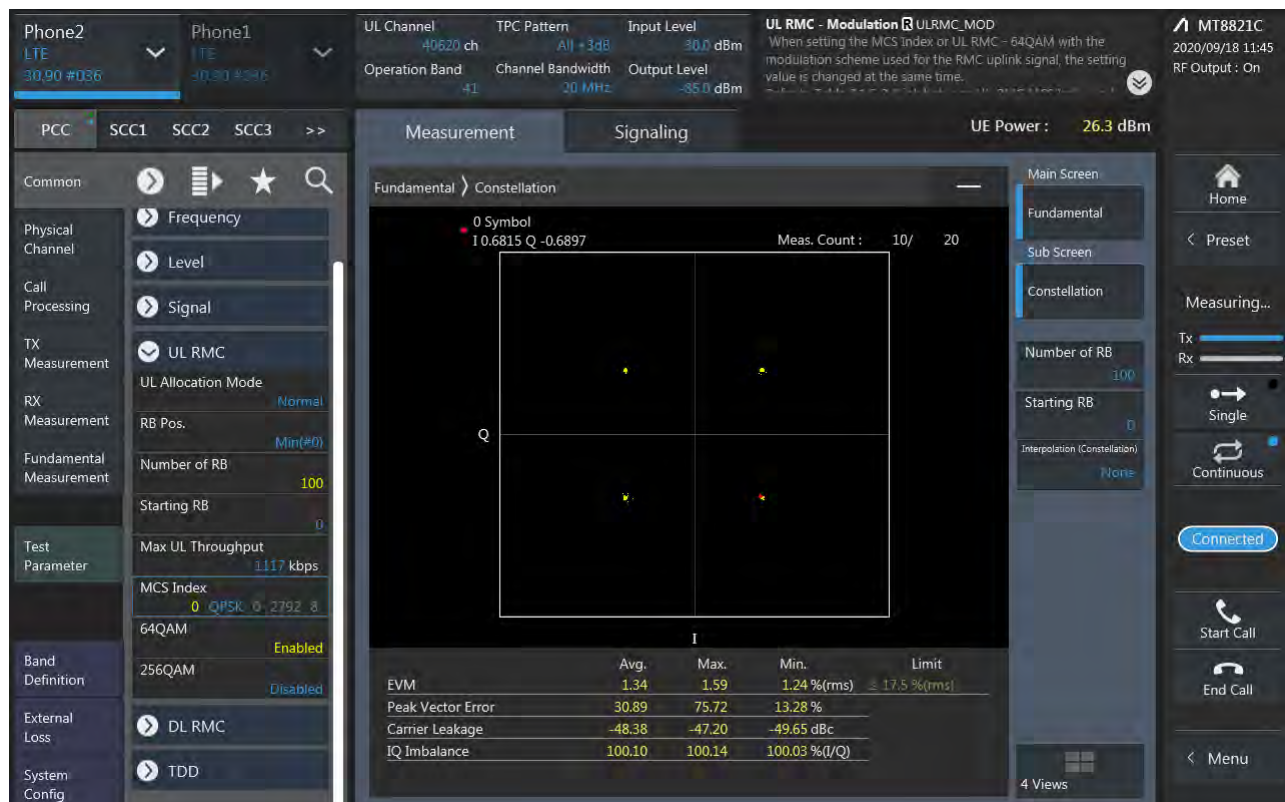
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3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

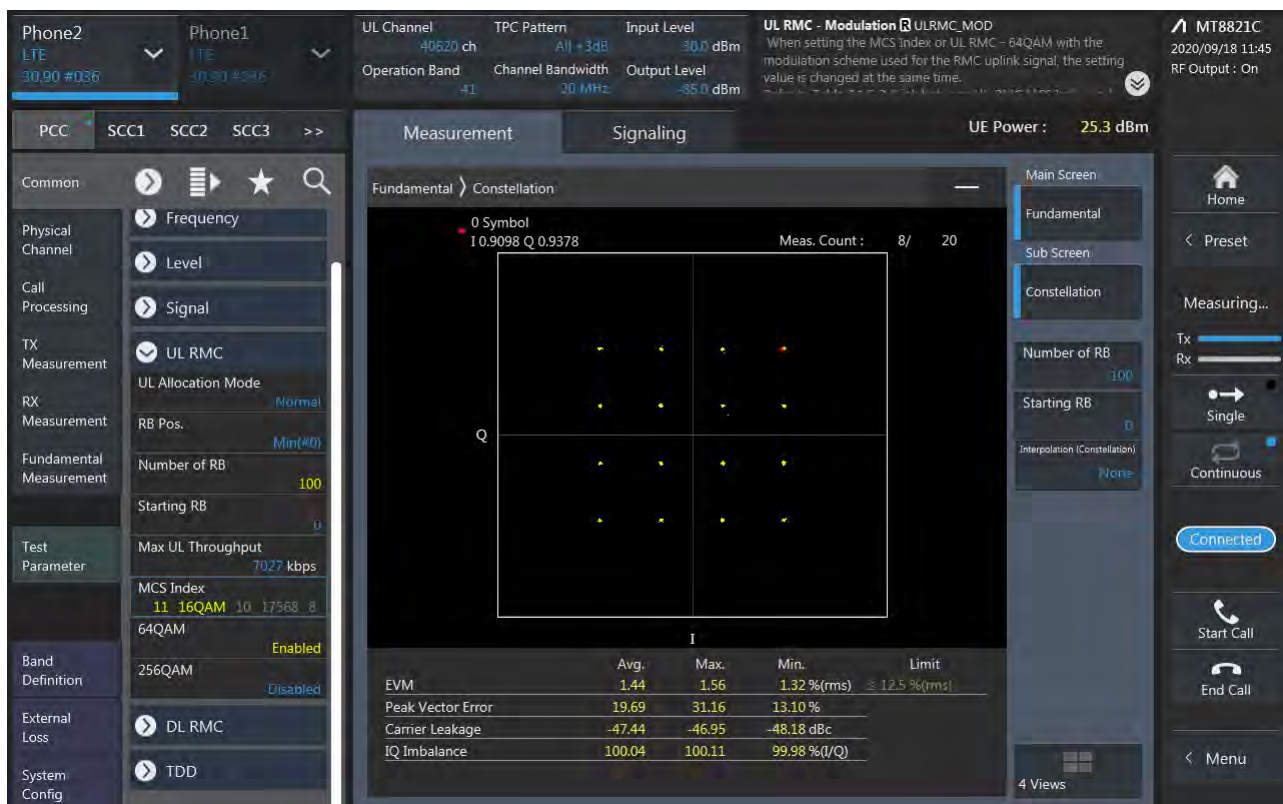
3.1.1 Test Channel = MCH





3.2 Test Mode = LTE /TM2 20MHz

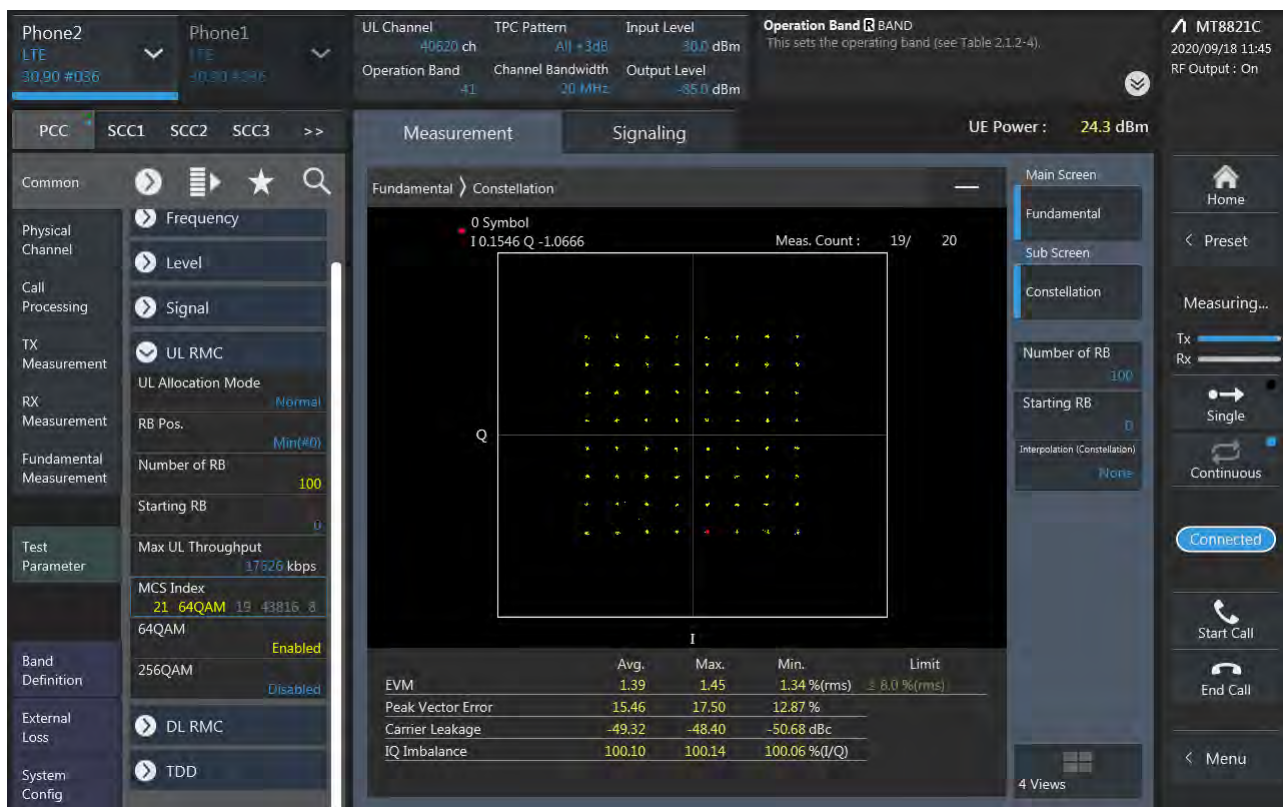
3.2.1 Test Channel = MCH





3.3 Test Mode = LTE /TM3 20MHz

3.3.1 Test Channel = MCH





4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.476	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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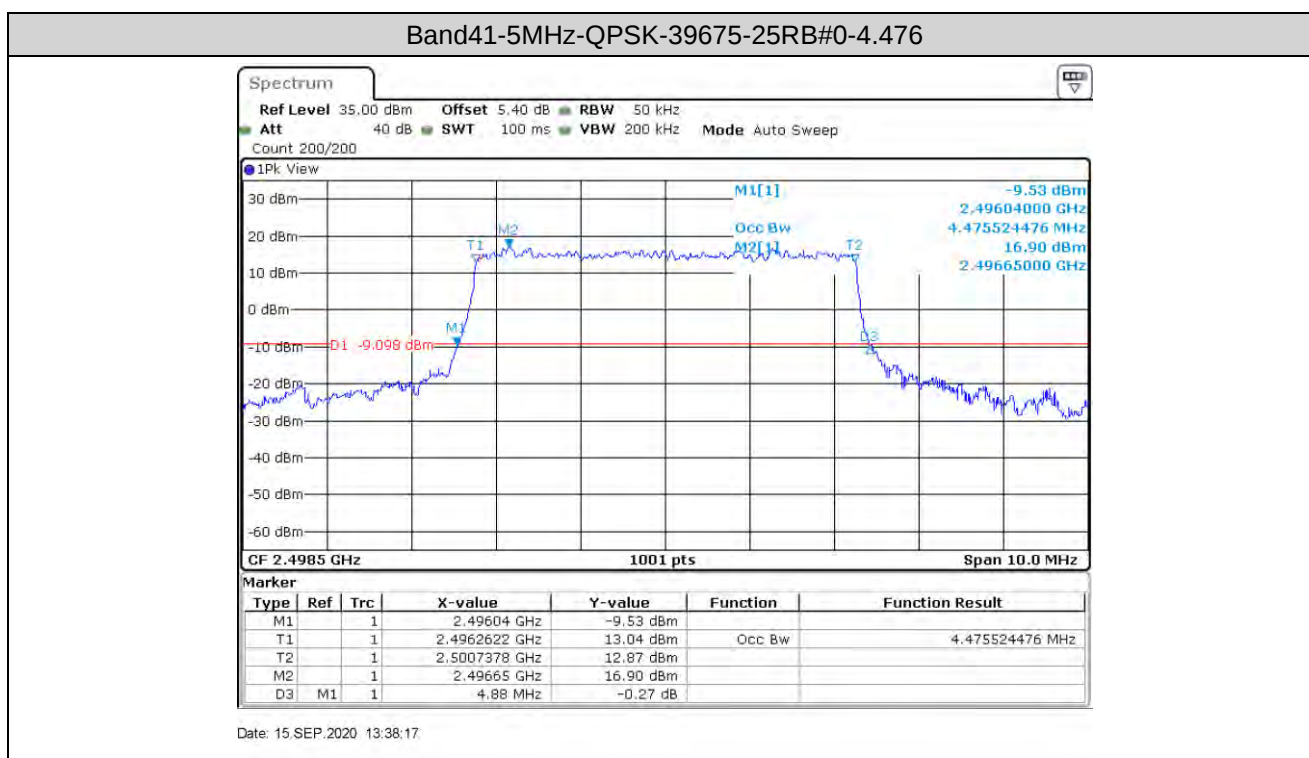
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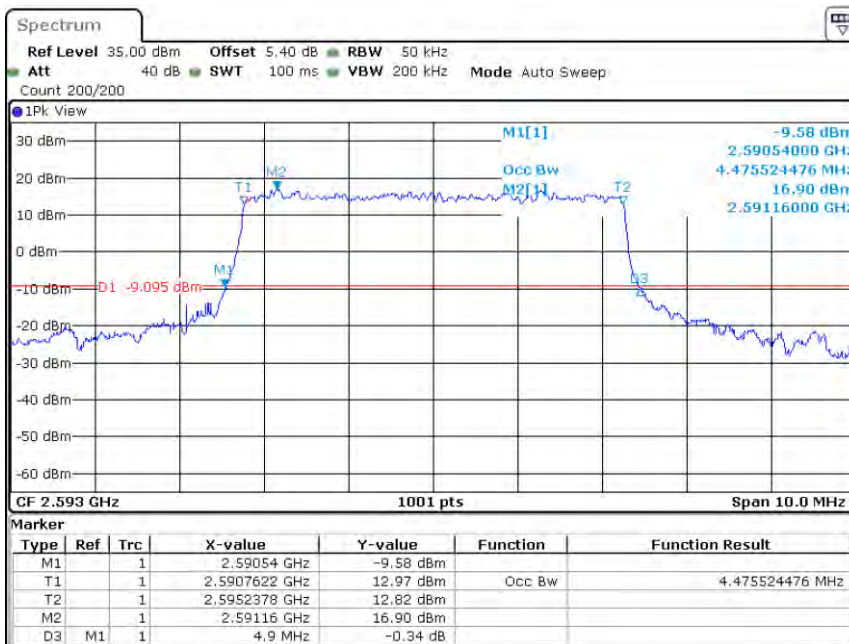


Band41	20MHz	16QAM	40620	100RB#0	17.903	19.333	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.903	19.333	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.97	19.467	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.903	19.467	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.97	19.400	PASS

4.2 Test Plots

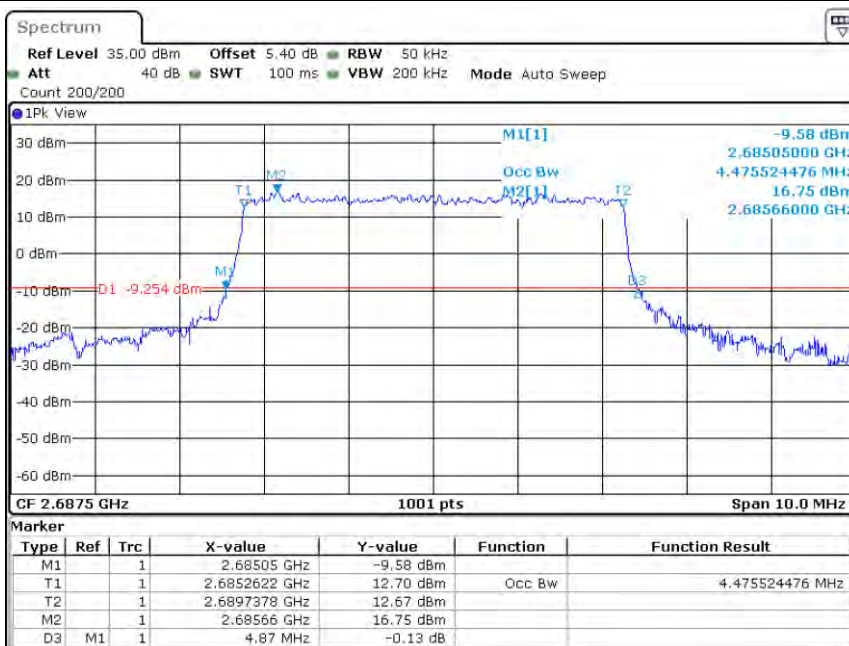


Band41-5MHz-QPSK-40620-25RB#0-4.476



Date: 15.SEP.2020 13:42:14

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



Date: 15.SEP.2020 13:46:26

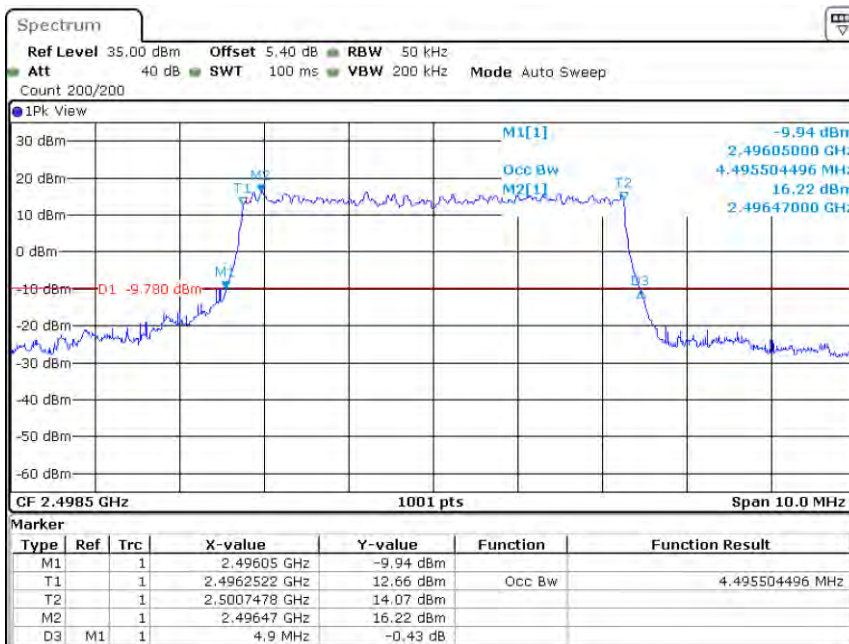


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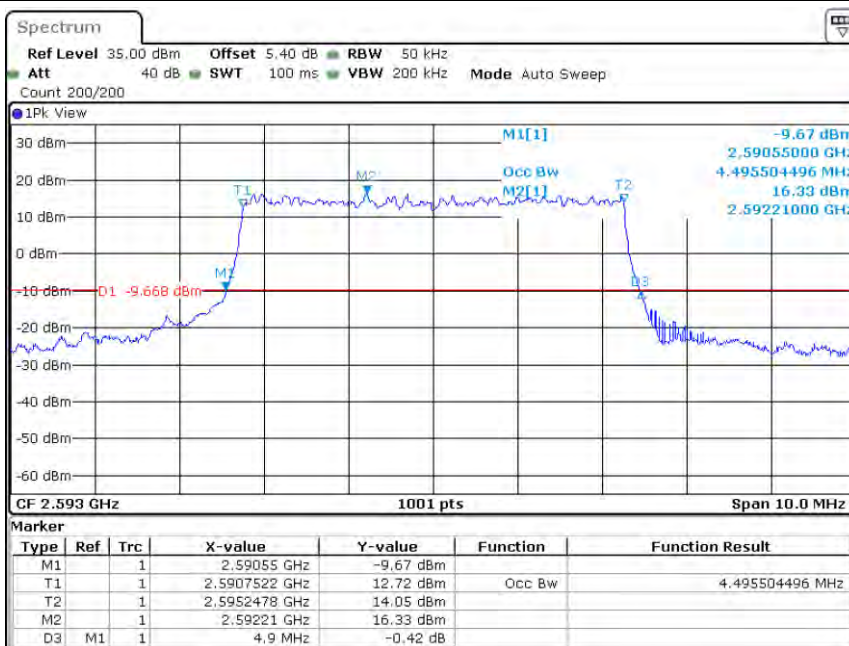
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Band41-5MHz-16QAM-39675-25RB#0-4.496



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

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



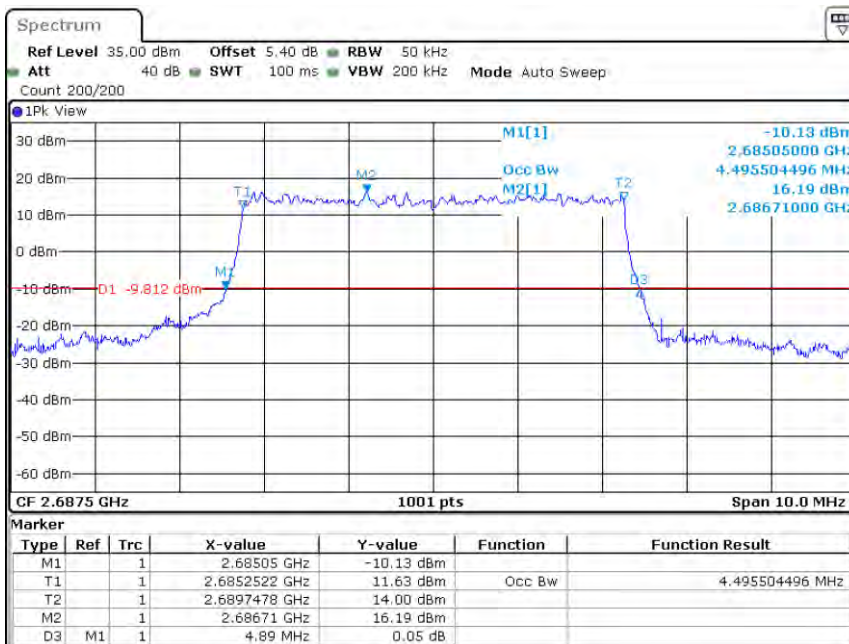
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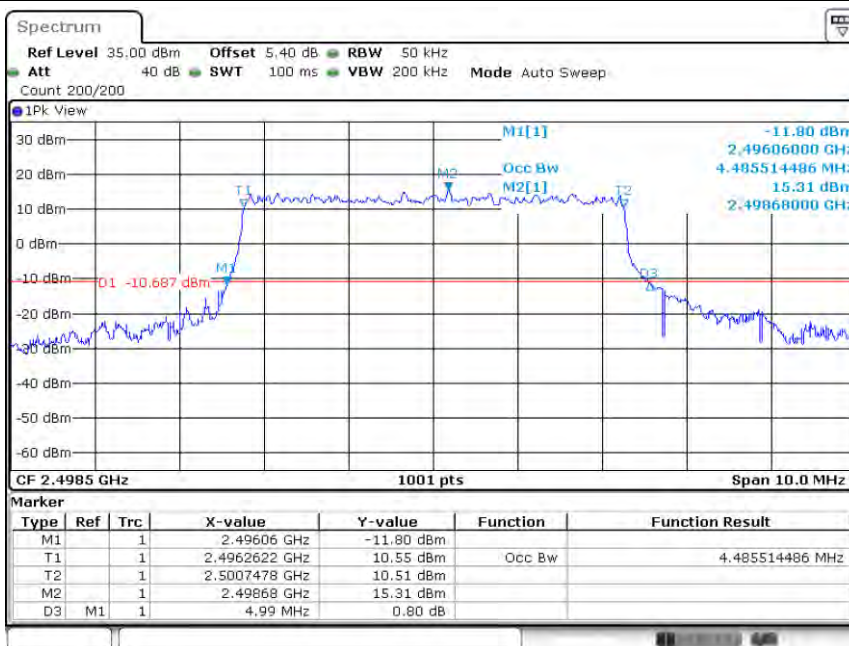
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Band41-5MHz-16QAM-41565-25RB#0-4.496



Date: 15 SEP.2020 13:47:02

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



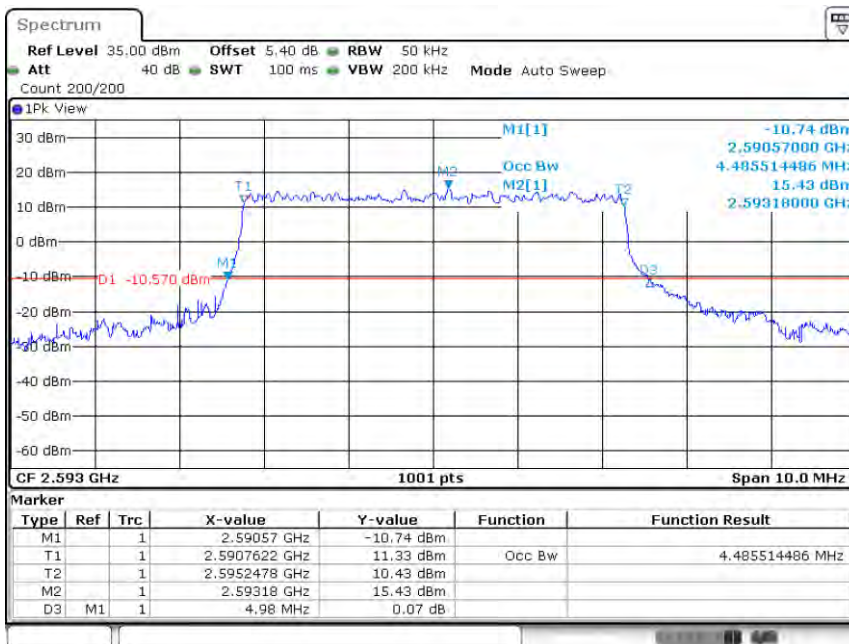
Date: 17 SEP.2020 16:00:55



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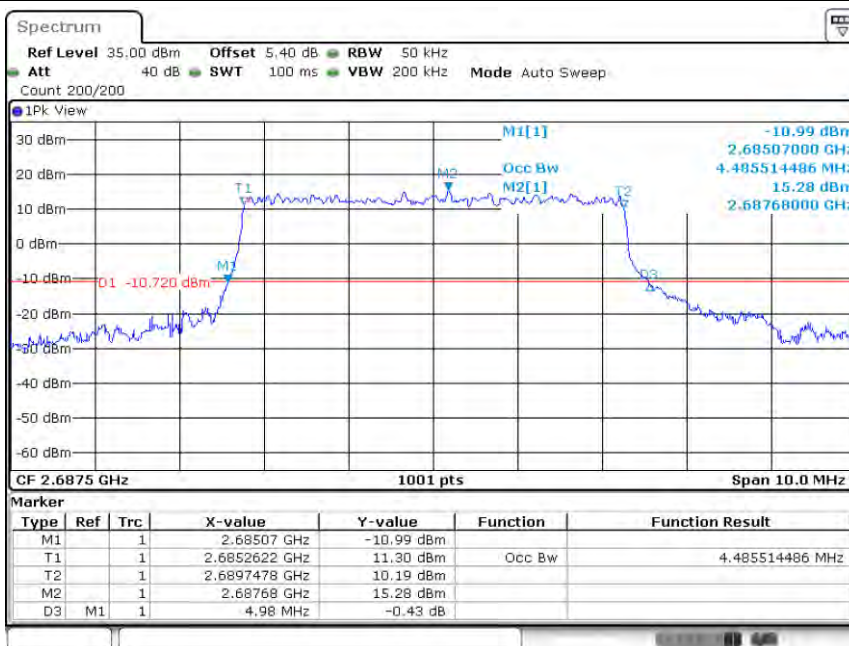
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Band41-5MHz-64QAM-40620-25RB#0-4.486



Date: 17 SEP.2020 16:02:05

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

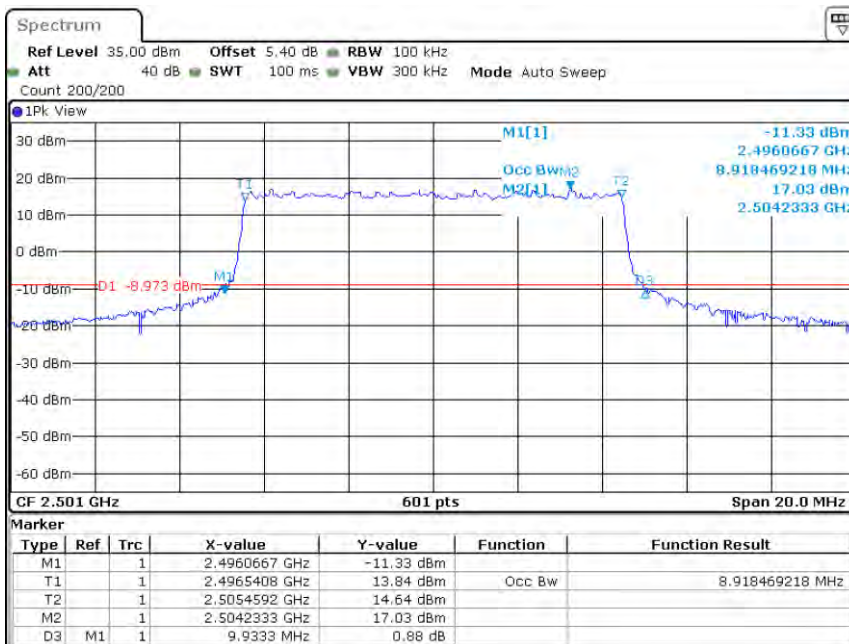


Date: 17 SEP.2020 16:02:57



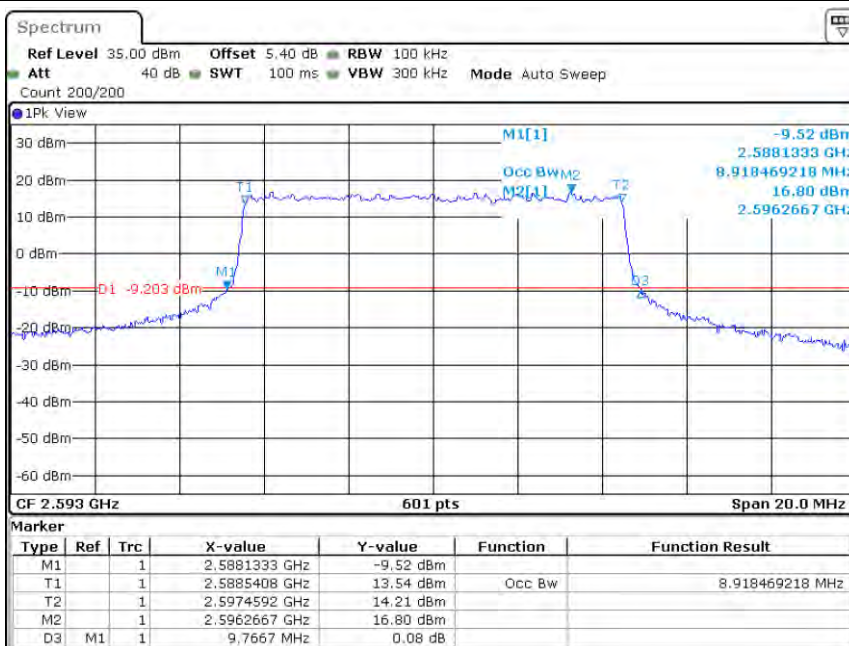
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Band41-10MHz-QPSK-39700-50RB#0-8.918



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

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



Date: 15.SEP.2020 13:51:37

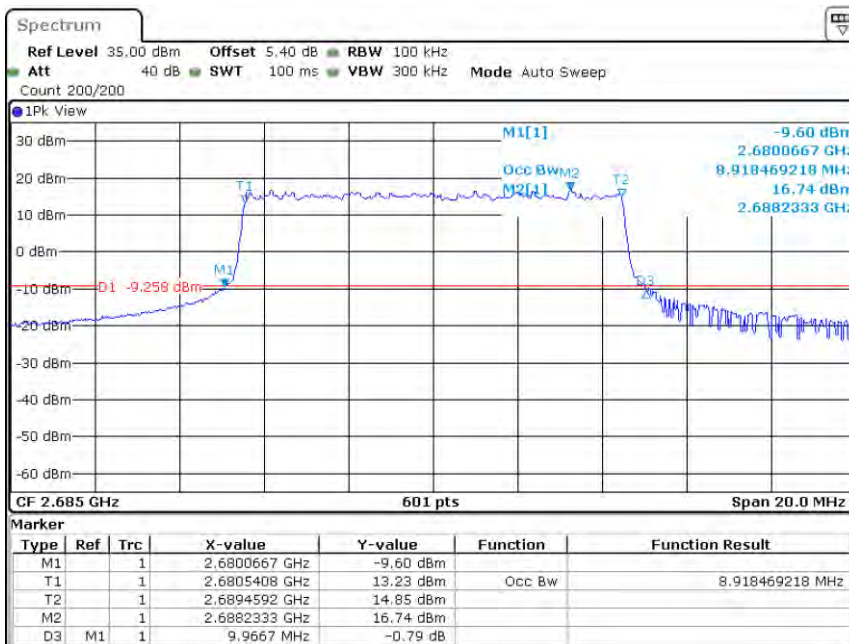


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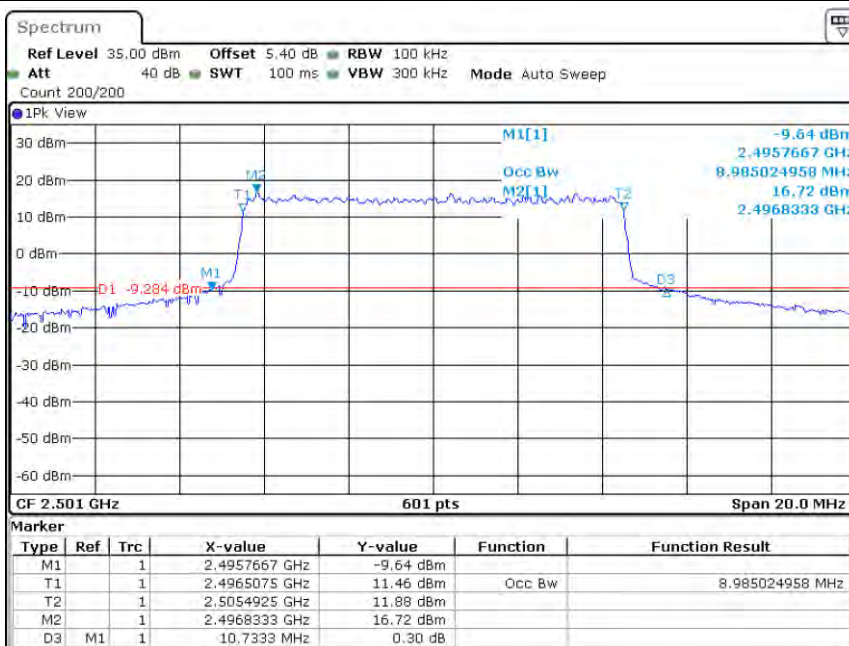
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Band41-10MHz-QPSK-41540-50RB#0-8.918



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

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



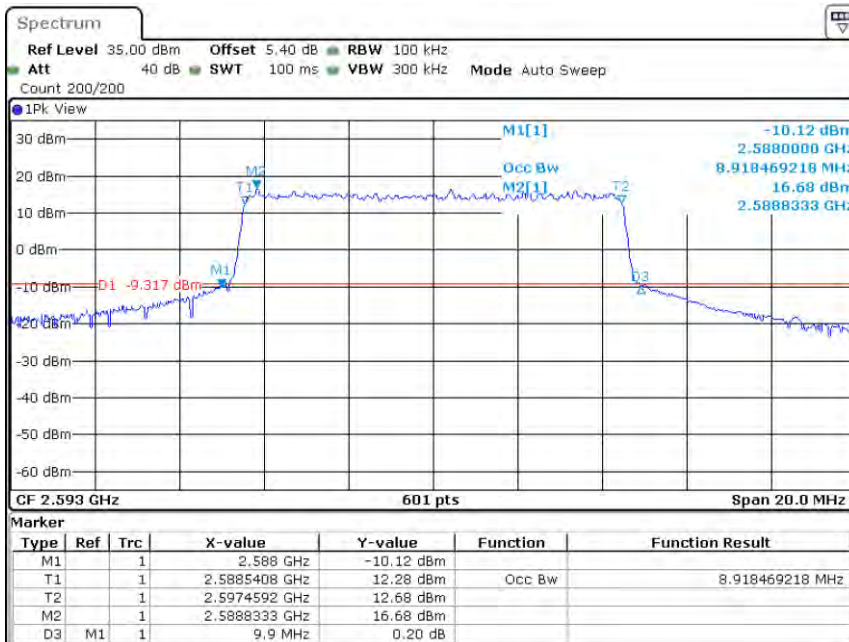
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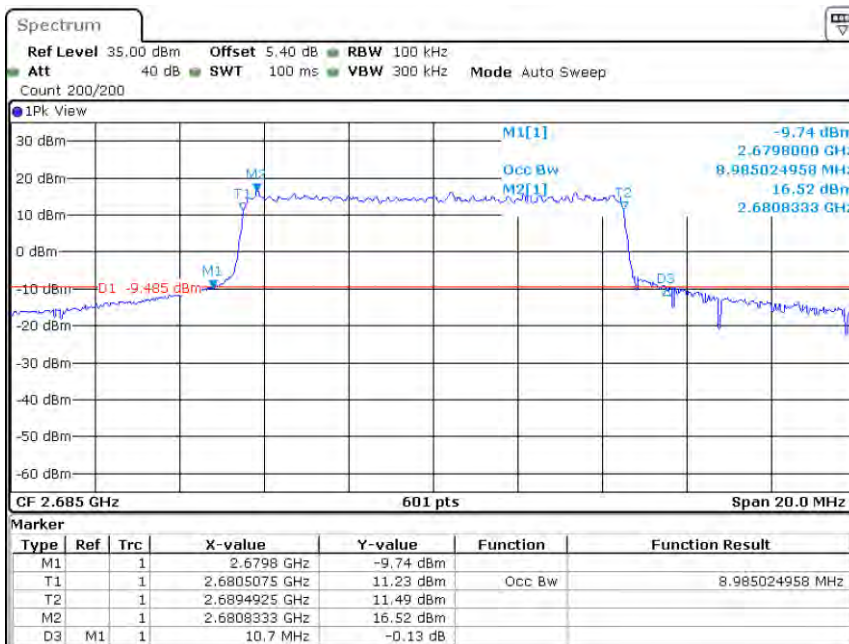
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Band41-10MHz-16QAM-40620-50RB#0-8.918



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

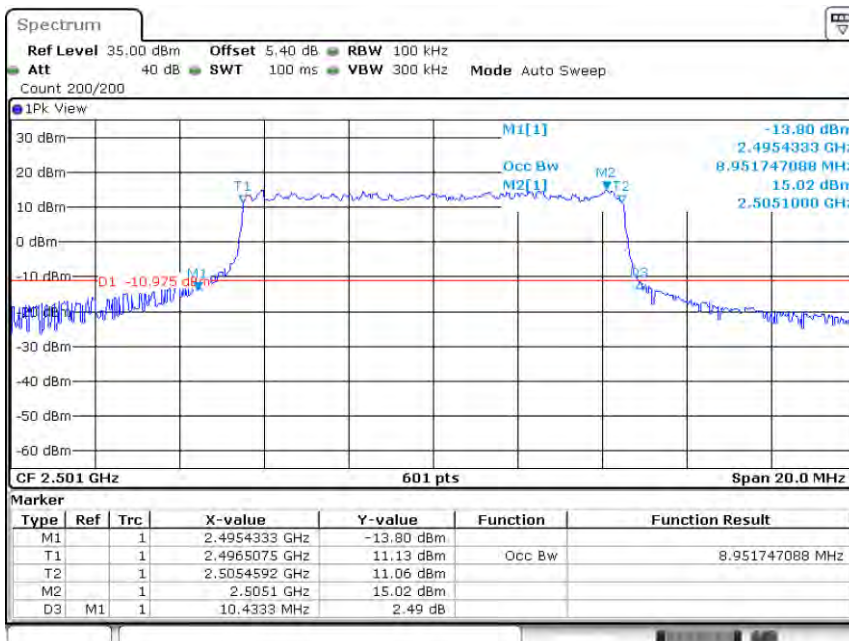
Band41-10MHz-16QAM-41540-50RB#0-8.985



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

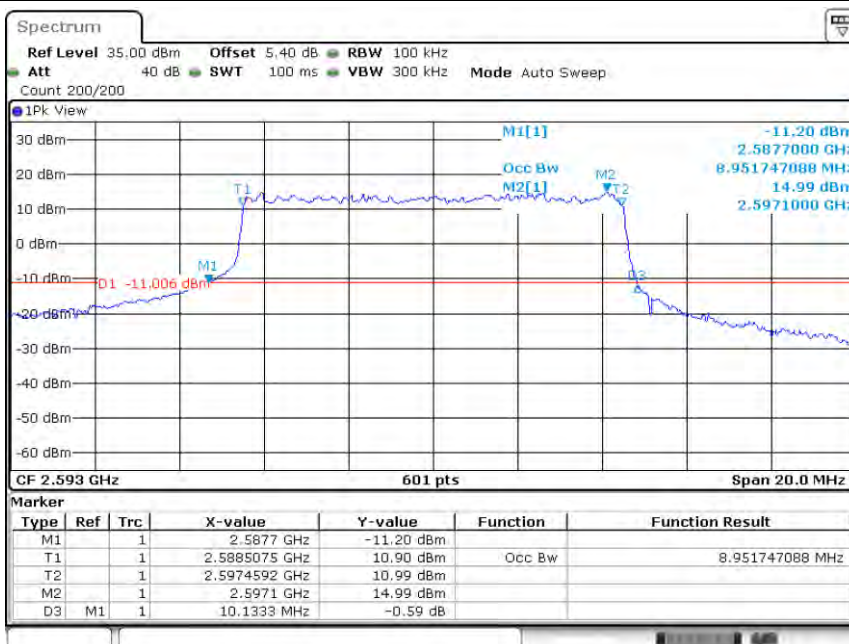


Band41-10MHz-64QAM-39700-50RB#0-8.952



Date: 17 SEP.2020 16:03:40

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

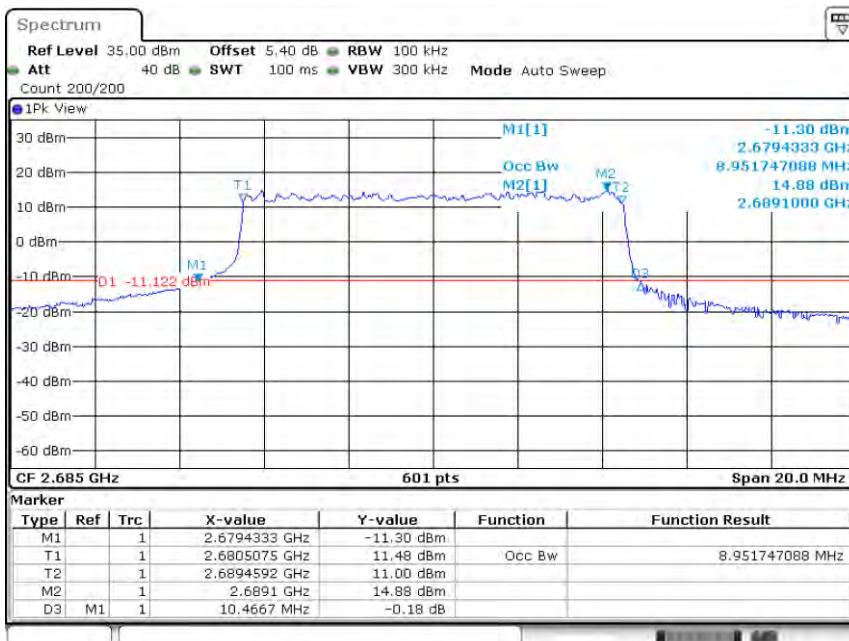


Date: 17 SEP.2020 16:04:16



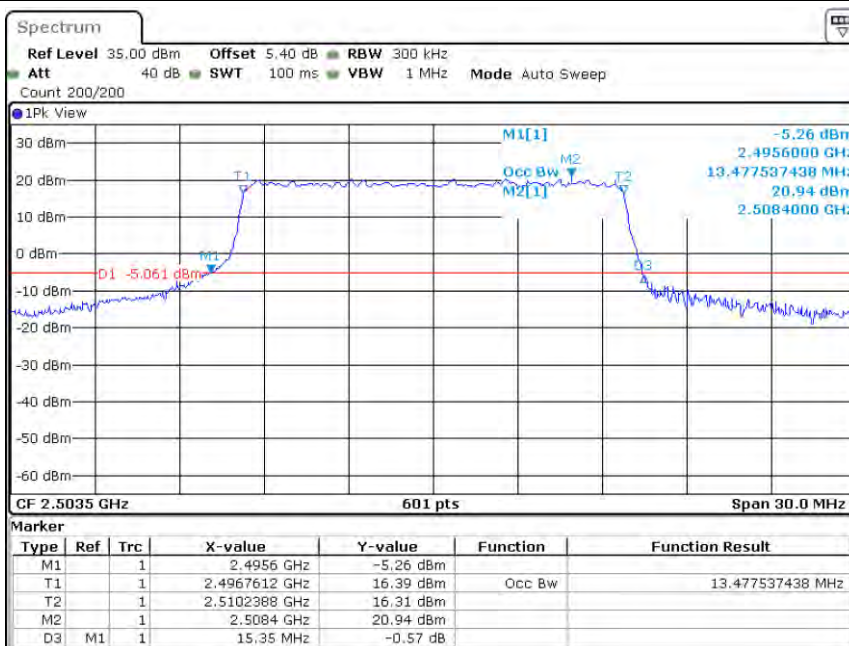
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Band41-10MHz-64QAM-41540-50RB#0-8.952



Date: 17 SEP.2020 16:05:14

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



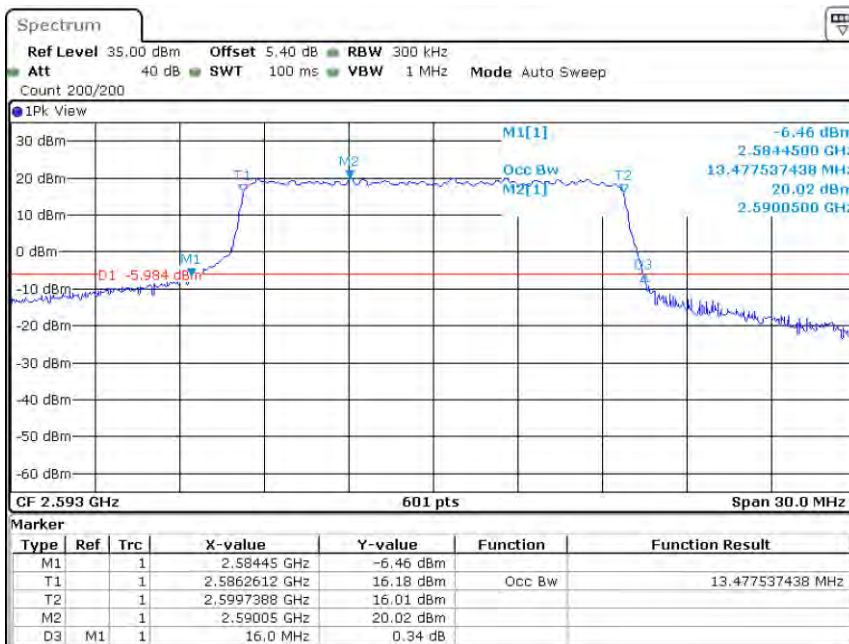
Date: 15 SEP.2020 14:01:25



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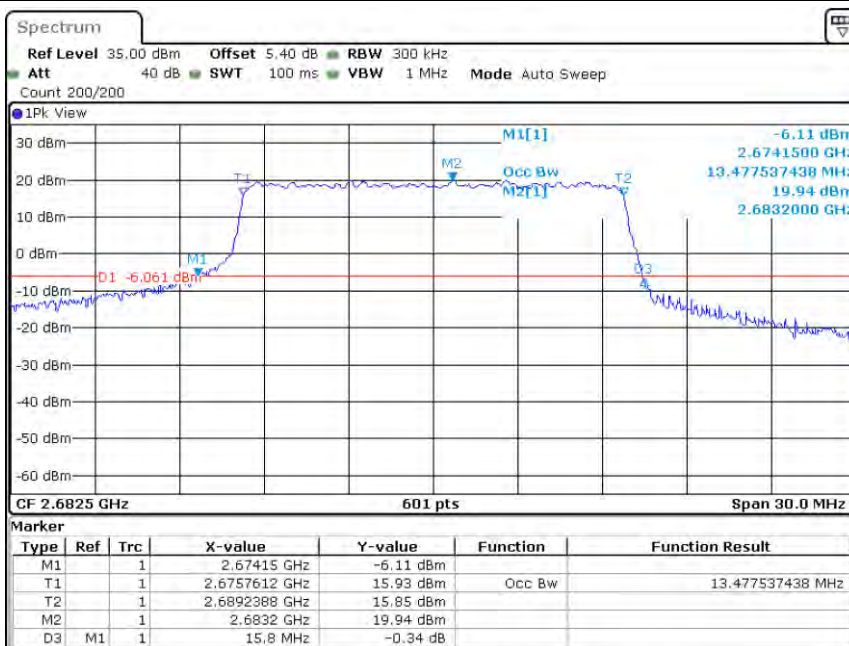
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Band41-15MHz-QPSK-40620-75RB#0-13.478



Date: 15 SEP.2020 14:02:44

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



Date: 15 SEP.2020 14:04:16

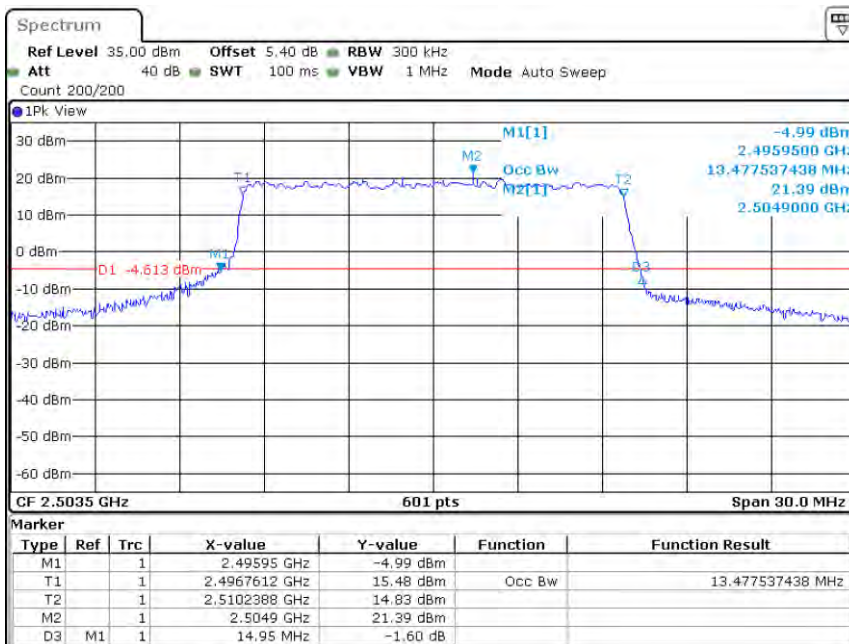


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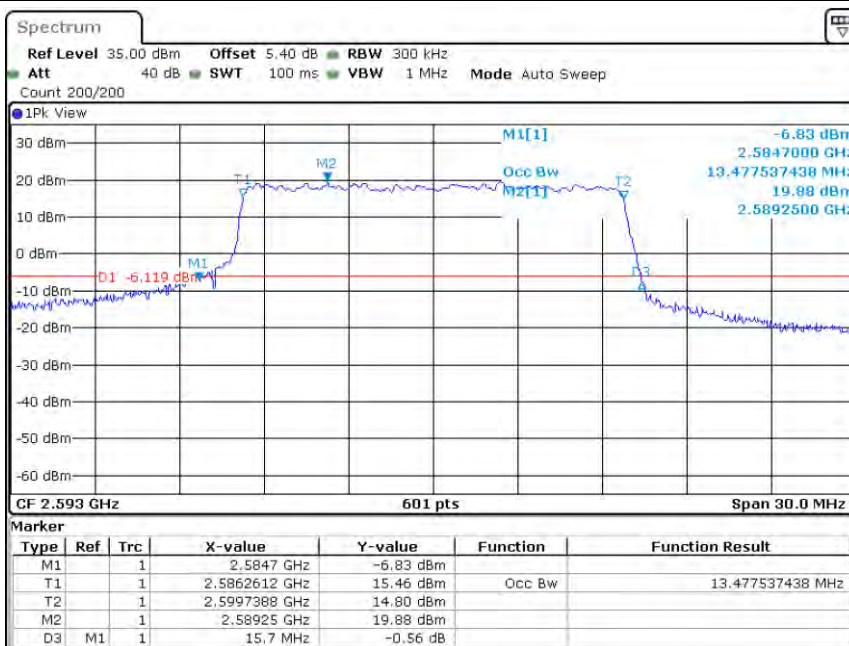
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Band41-15MHz-16QAM-39725-75RB#0-13.478



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

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



Date: 15.SEP.2020 14:03:40

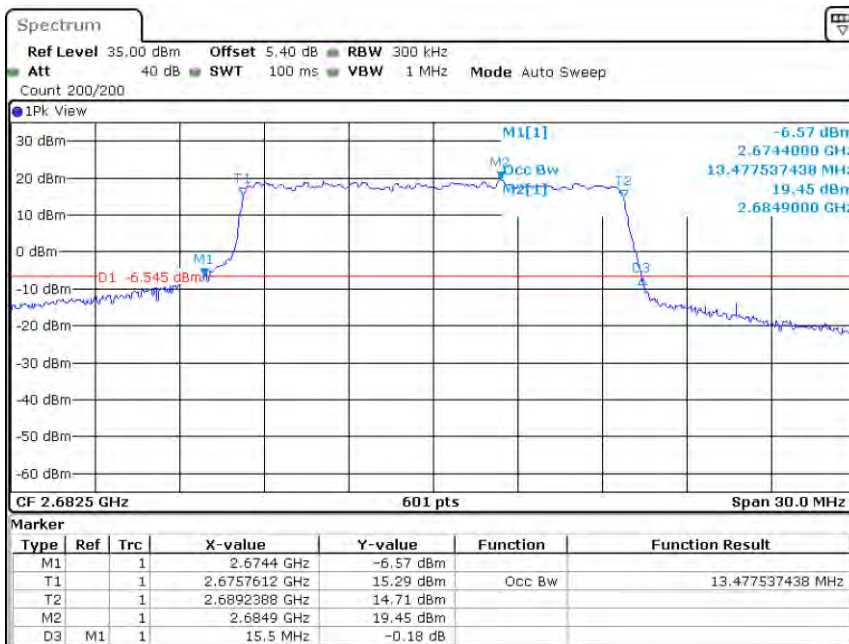


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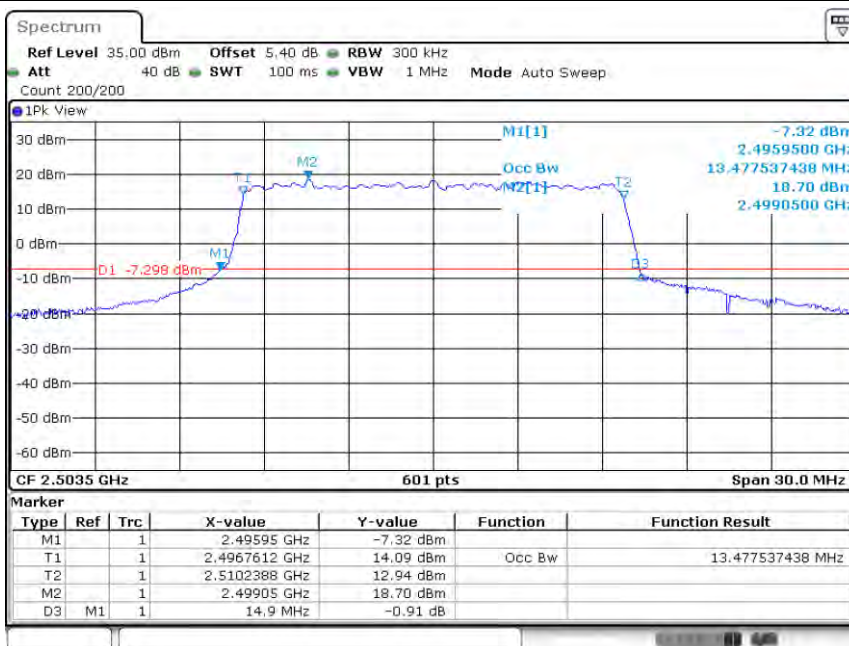
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Band41-15MHz-16QAM-41515-75RB#0-13.478



Date: 15 SEP.2020 14:05:03

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



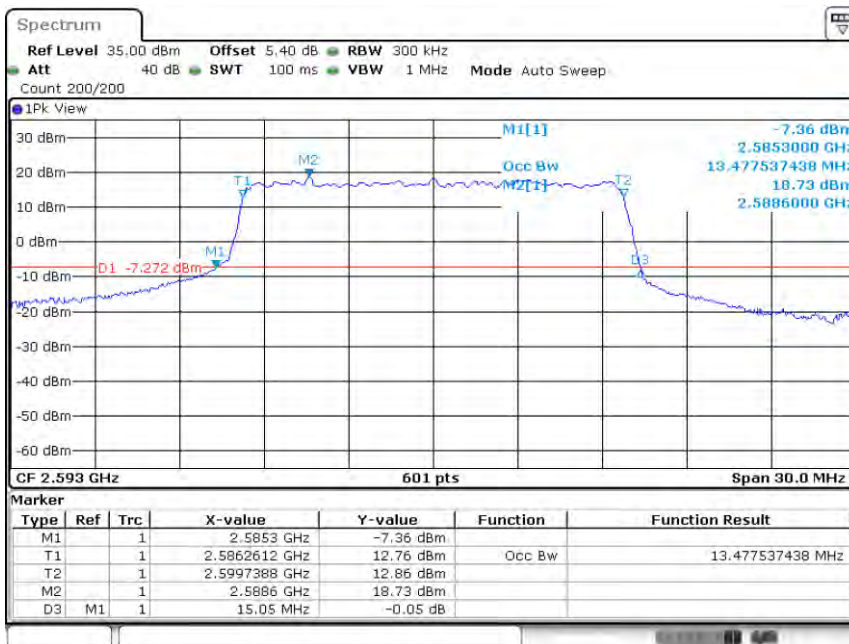
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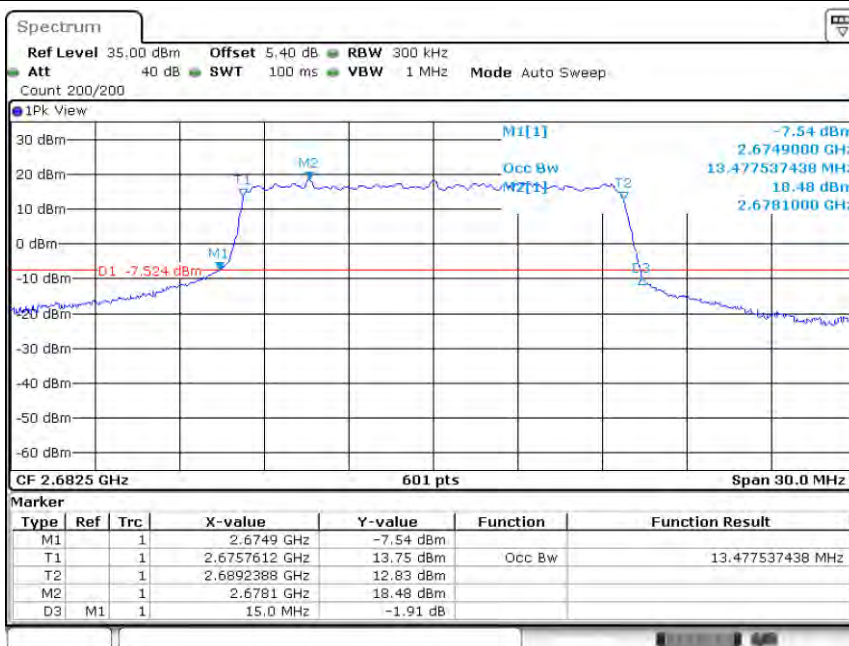
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Band41-15MHz-64QAM-40620-75RB#0-13.478



Date: 17 SEP.2020 16:06:33

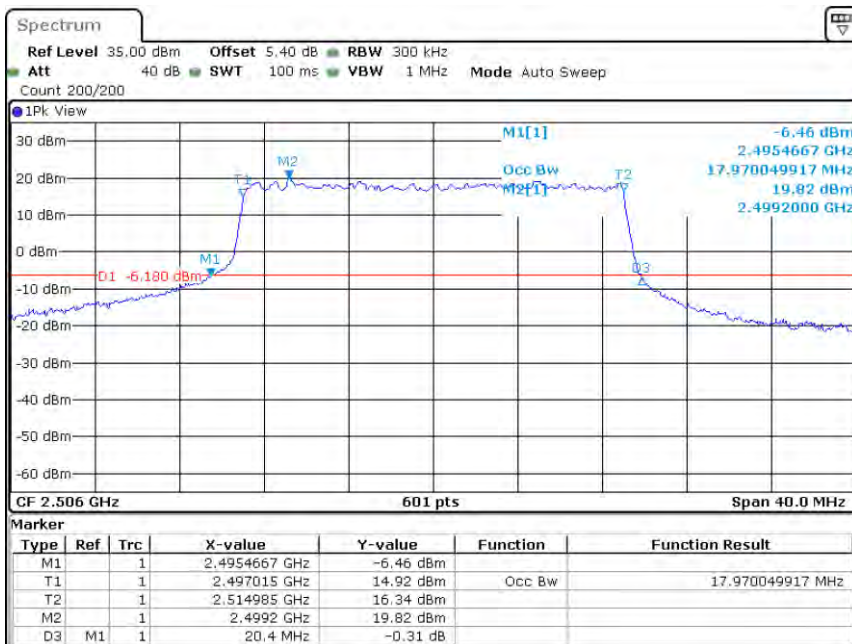
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Date: 17 SEP.2020 16:07:09

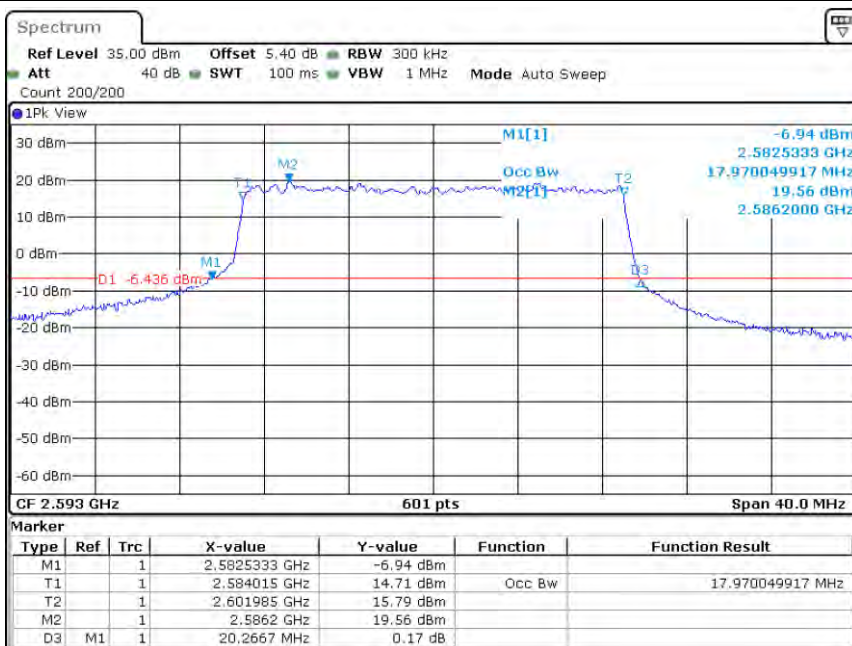


Band41-20MHz-QPSK-39750-100RB#0-17.97



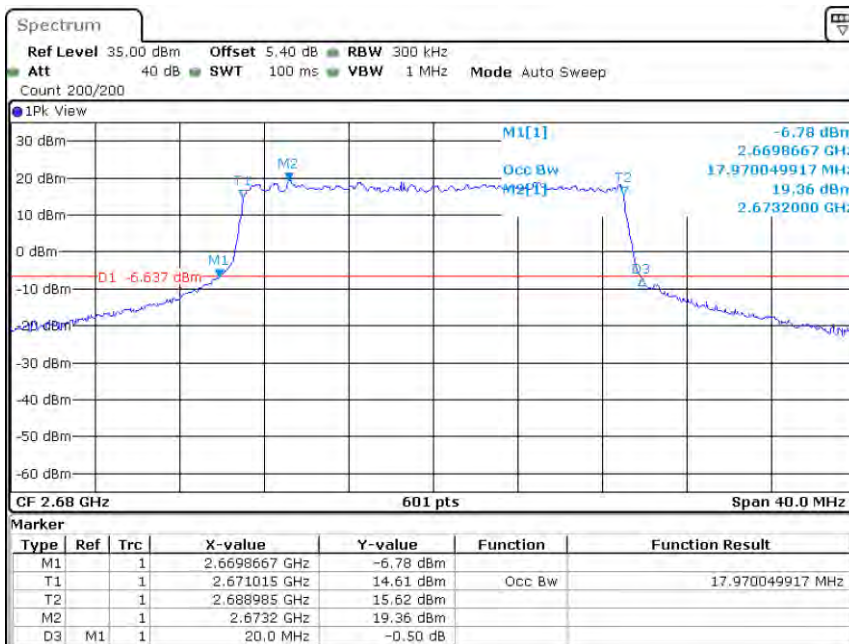
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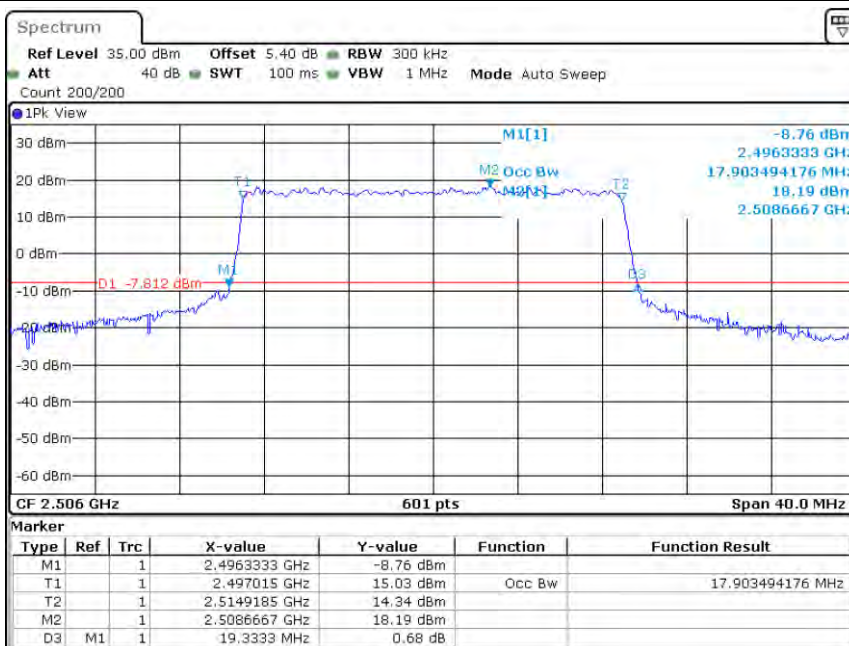
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Band41-20MHz-QPSK-41490-100RB#0-17.97



Date: 15 SEP.2020 14:08:39

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



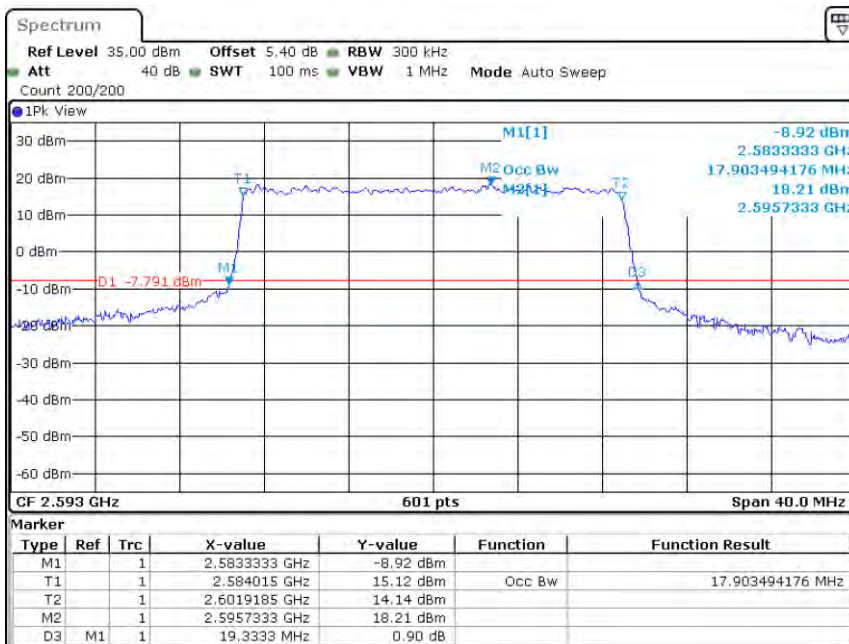
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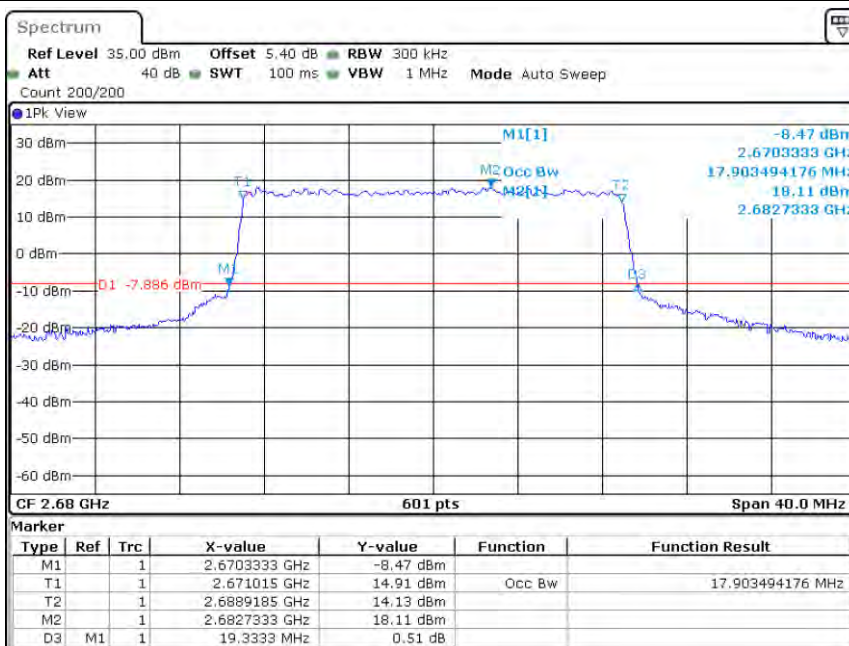
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Band41-20MHz-16QAM-40620-100RB#0-17.903



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

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



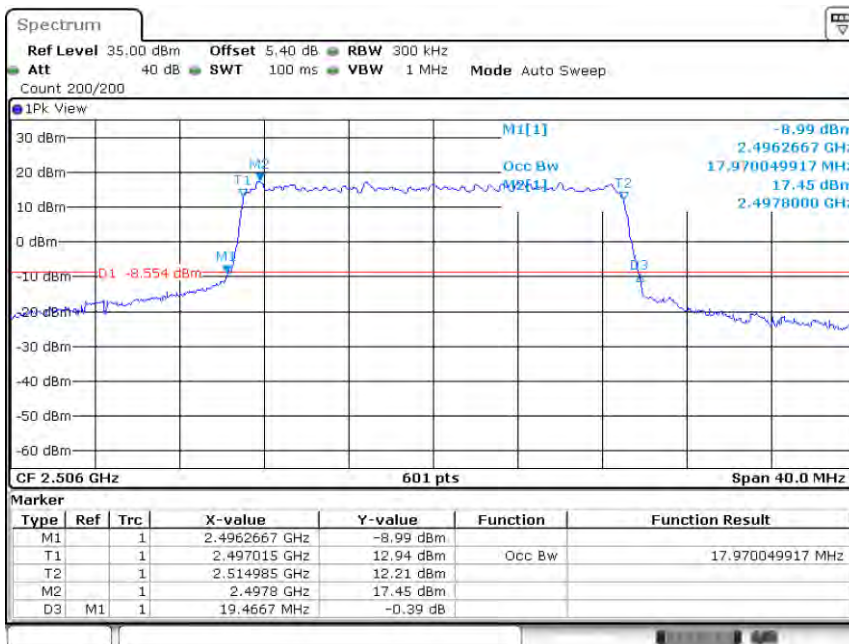
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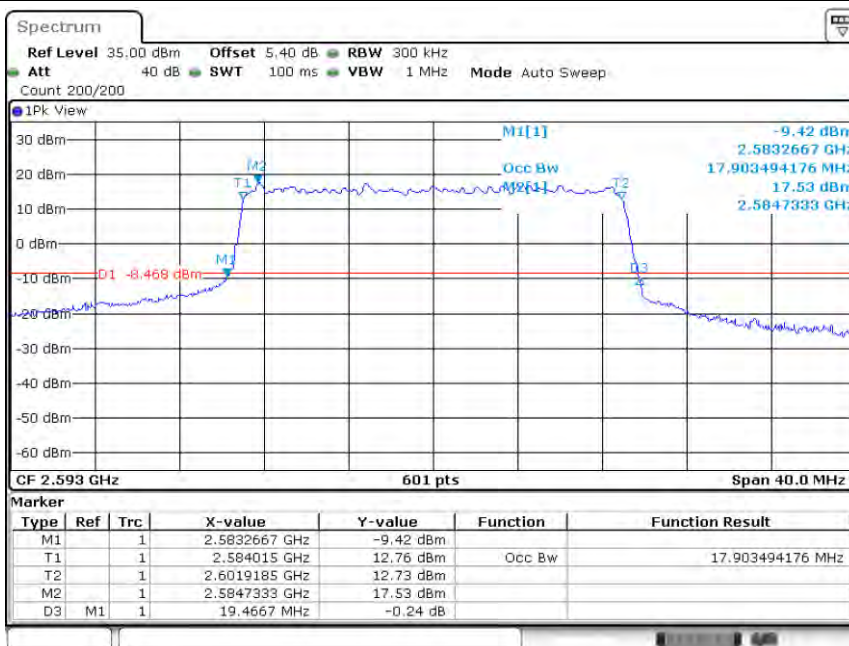
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Band41-20MHz-64QAM-39750-100RB#0-17.97



Date: 17 SEP.2020 16:07:52

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



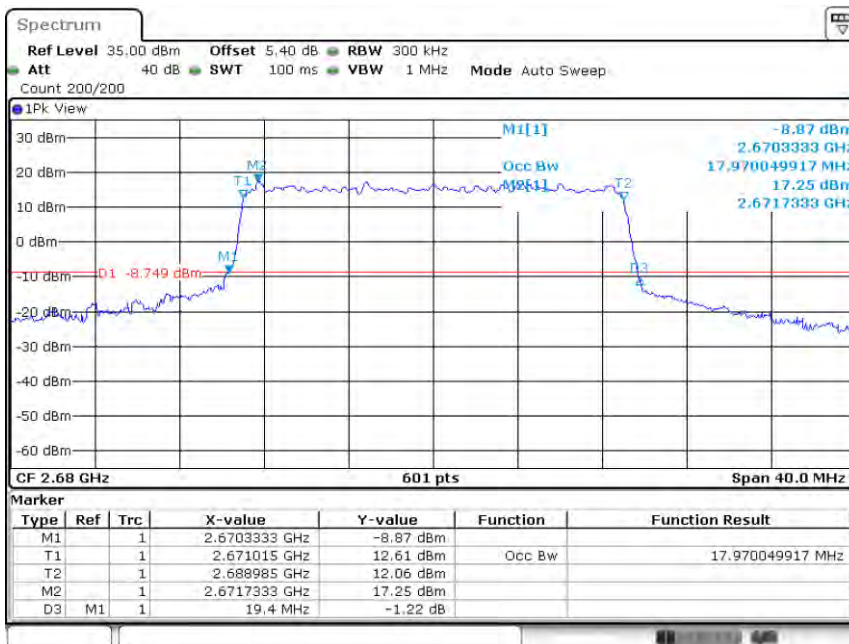
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Band41-20MHz-64QAM-41490-100RB#0-17.97

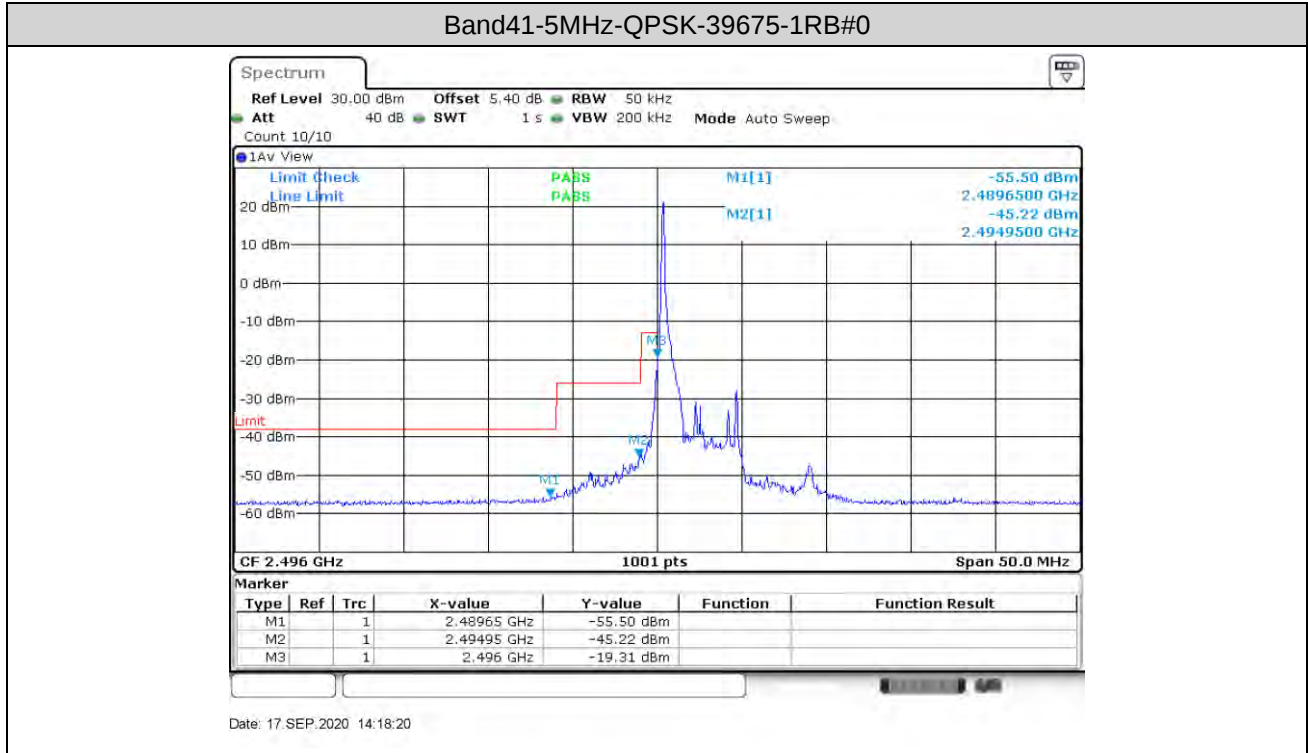


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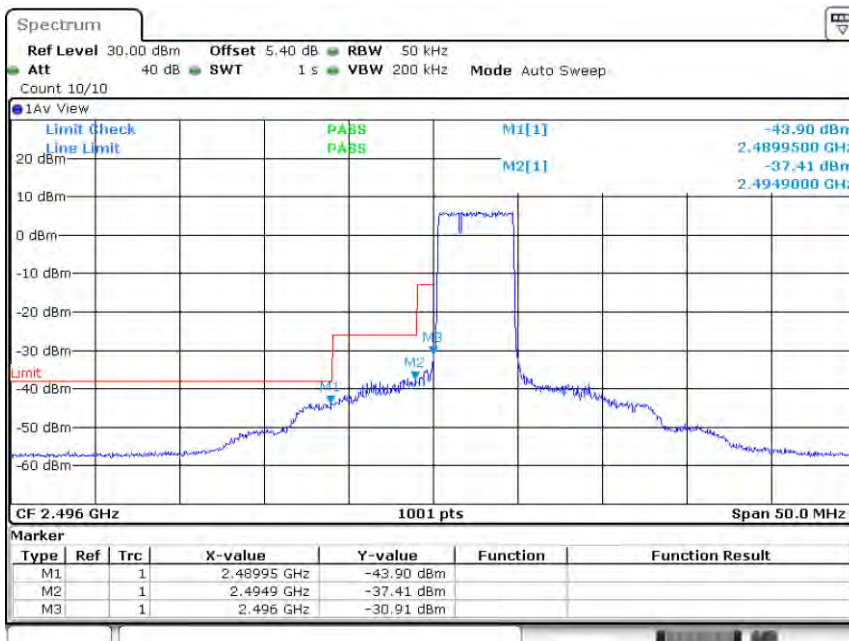


5 Band Edge Compliance

5.1 Test Plots

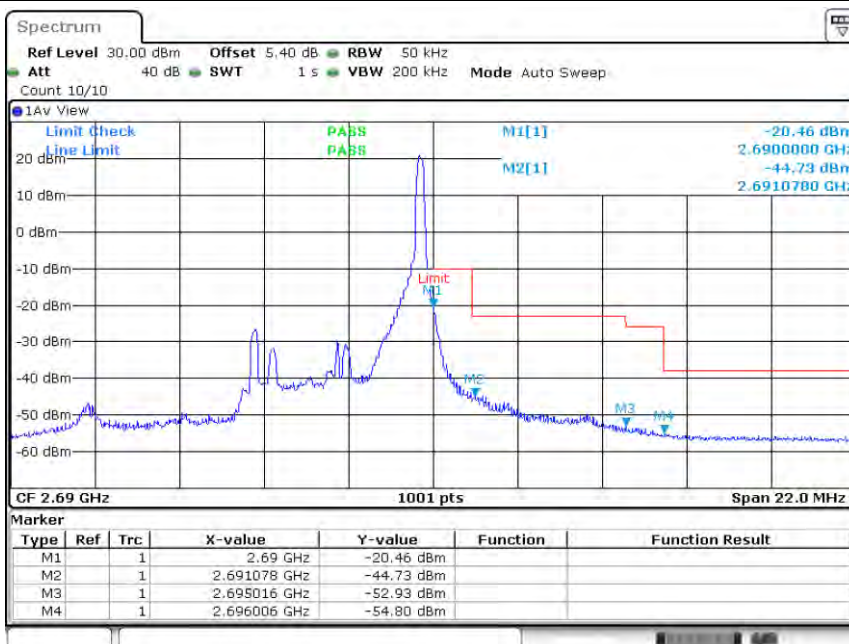


Band41-5MHz-QPSK-39675-25RB#0



Date: 17 SEP.2020 14:19:10

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



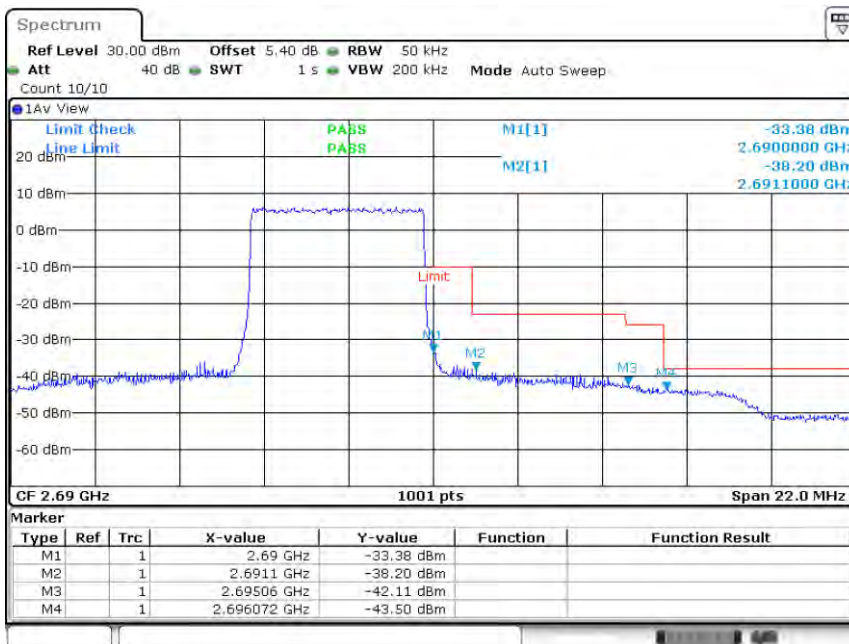
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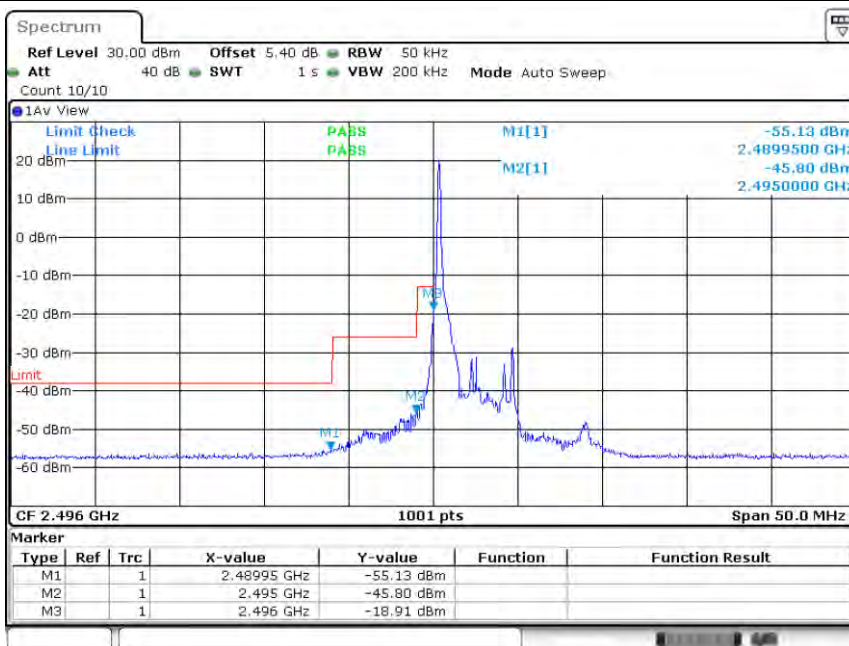
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Band41-5MHz-QPSK-41565-25RB#0



Date: 17 SEP.2020 14:21:00

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



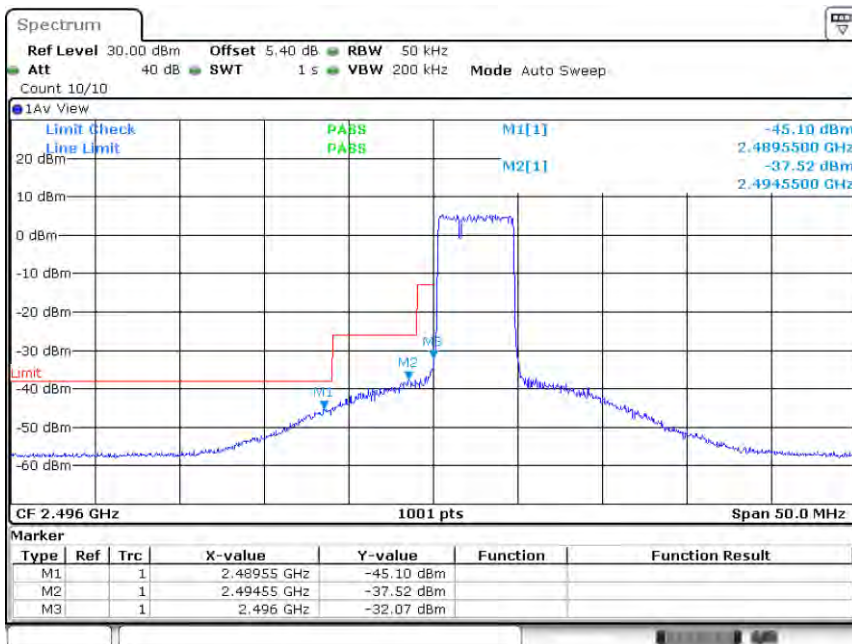
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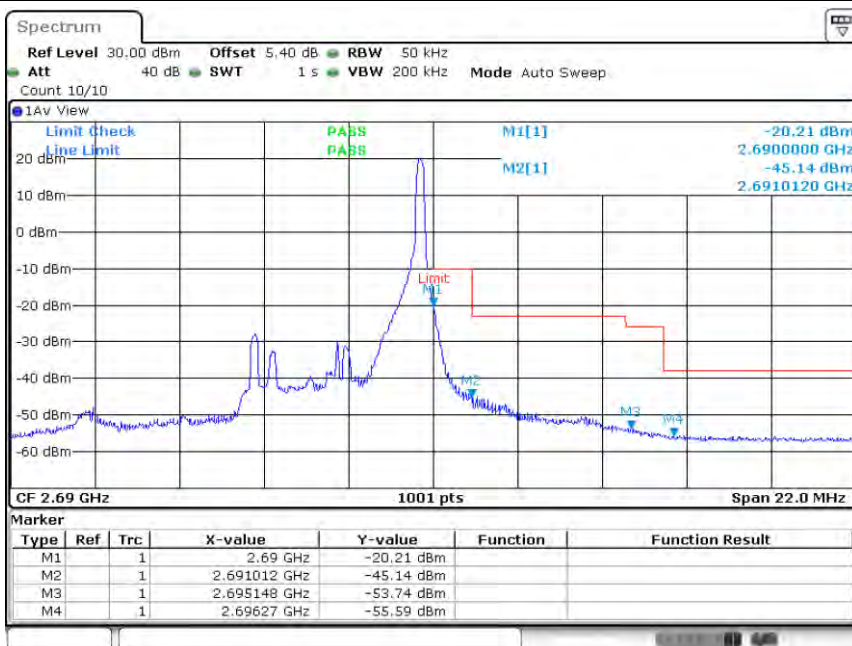
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Band41-5MHz-16QAM-39675-25RB#0



Date: 17 SEP.2020 14:19:36

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



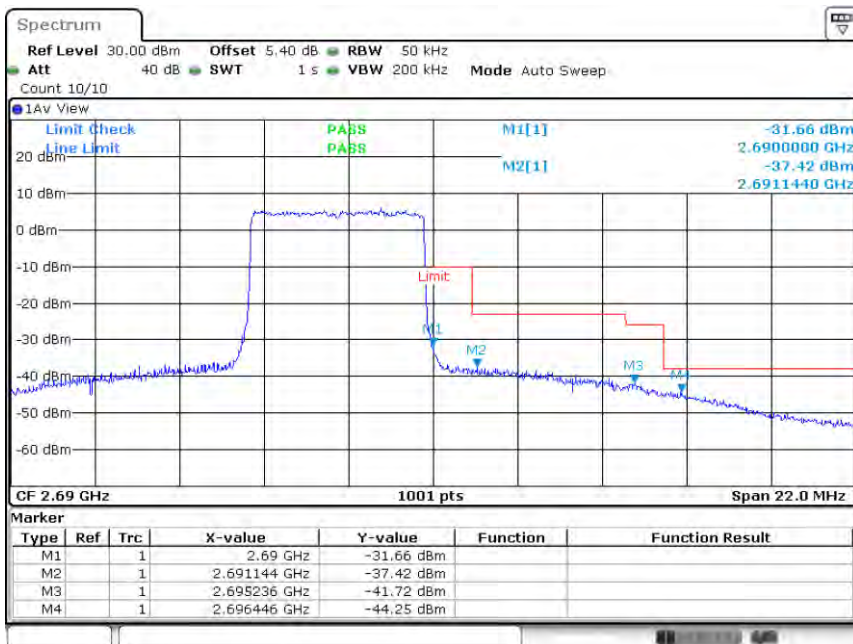
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Band41-5MHz-16QAM-41565-25RB#0



Date: 17 SEP.2020 14:21:26

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



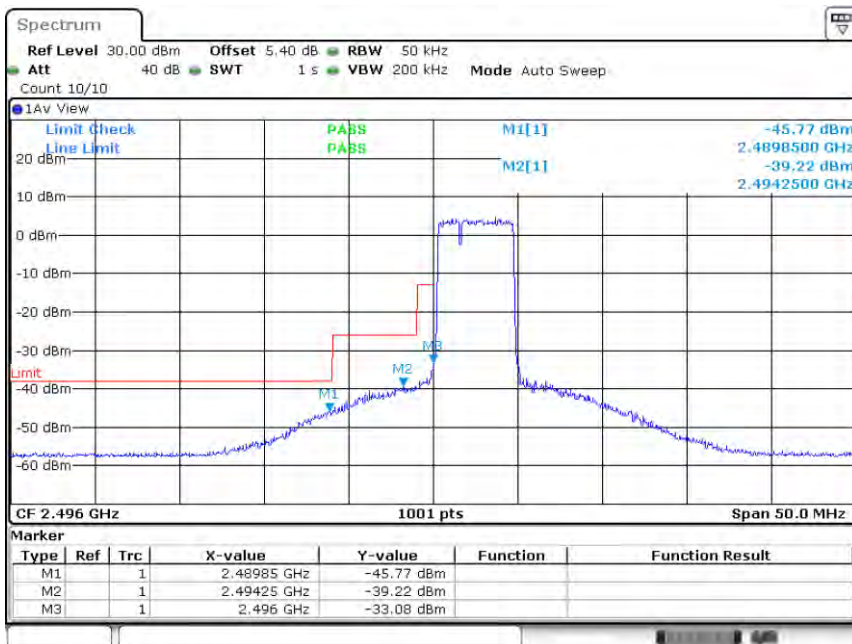
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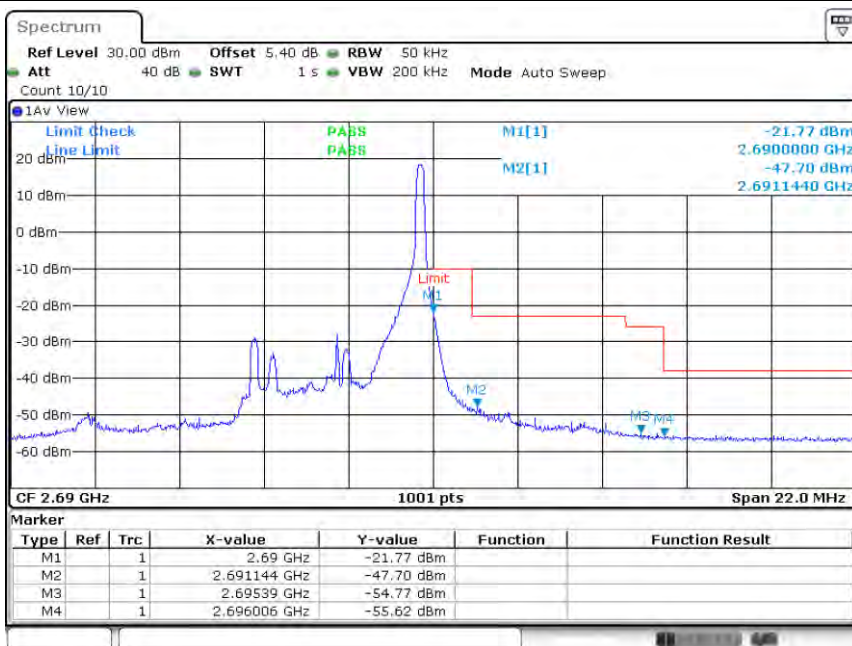
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Band41-5MHz-64QAM-39675-25RB#0



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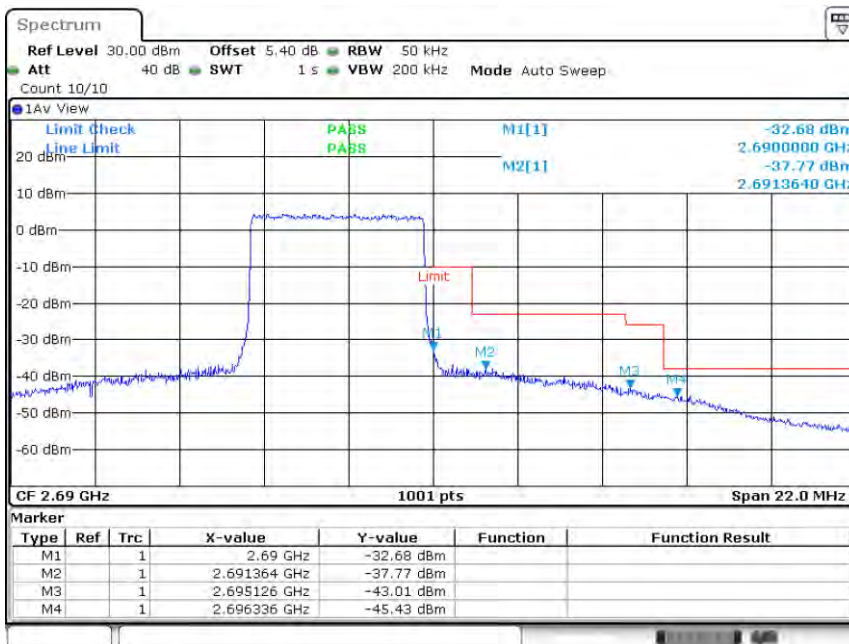
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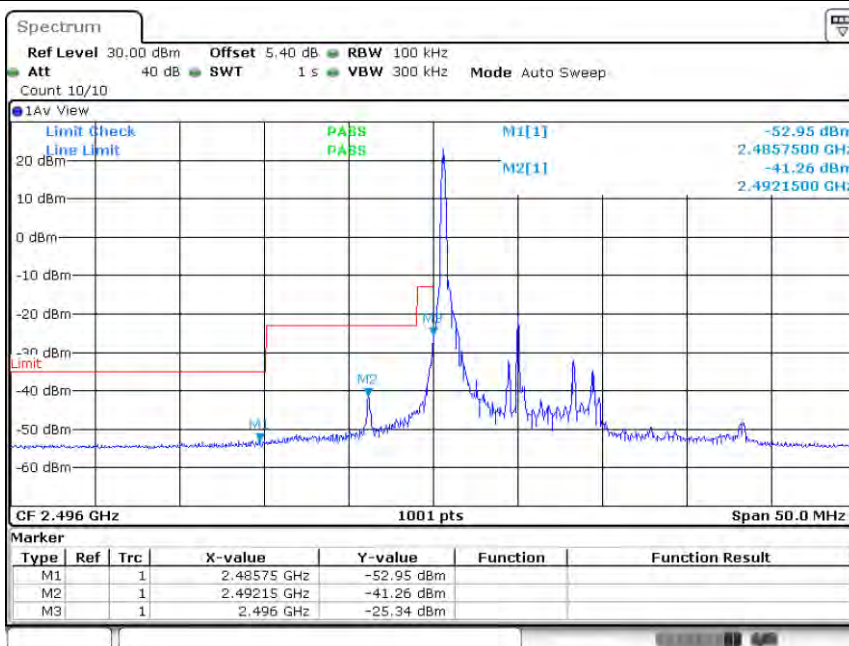


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Date: 17 SEP.2020 16:11:04

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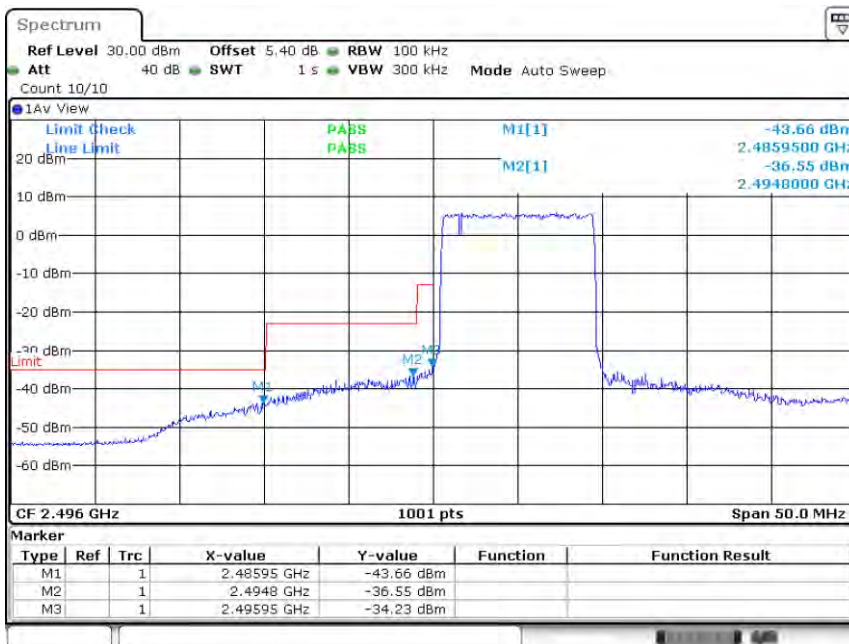
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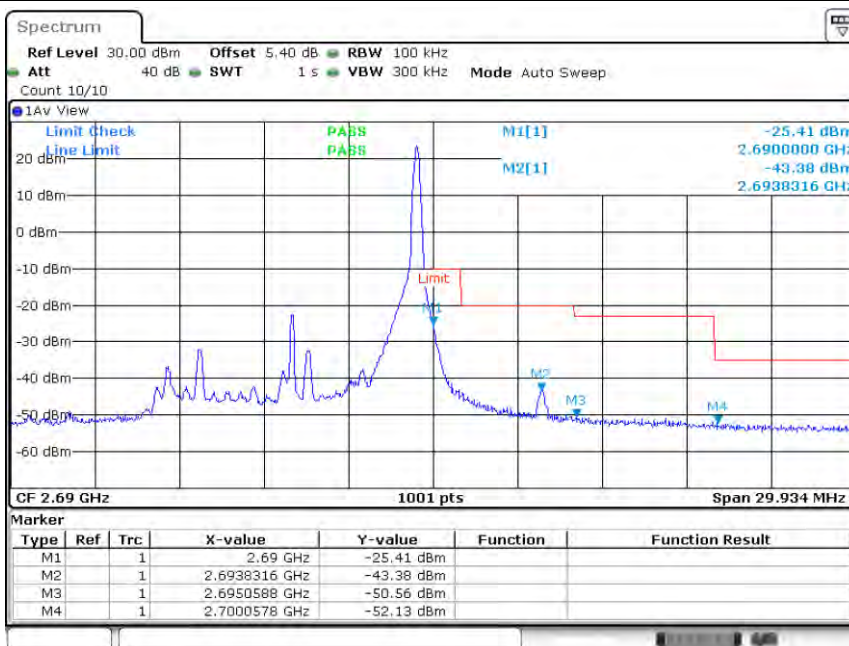
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Band41-10MHz-QPSK-39700-50RB#0



Date: 17 SEP.2020 19:21:43

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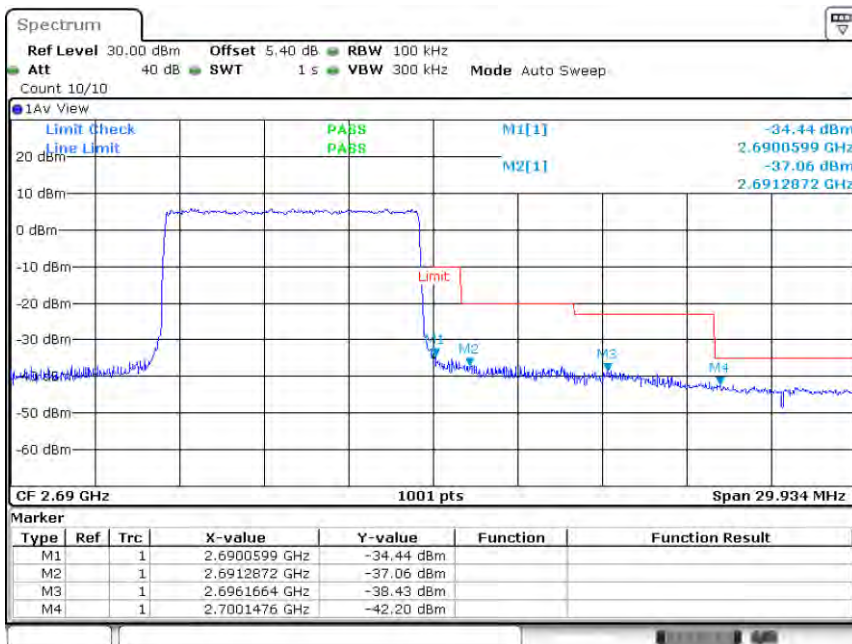
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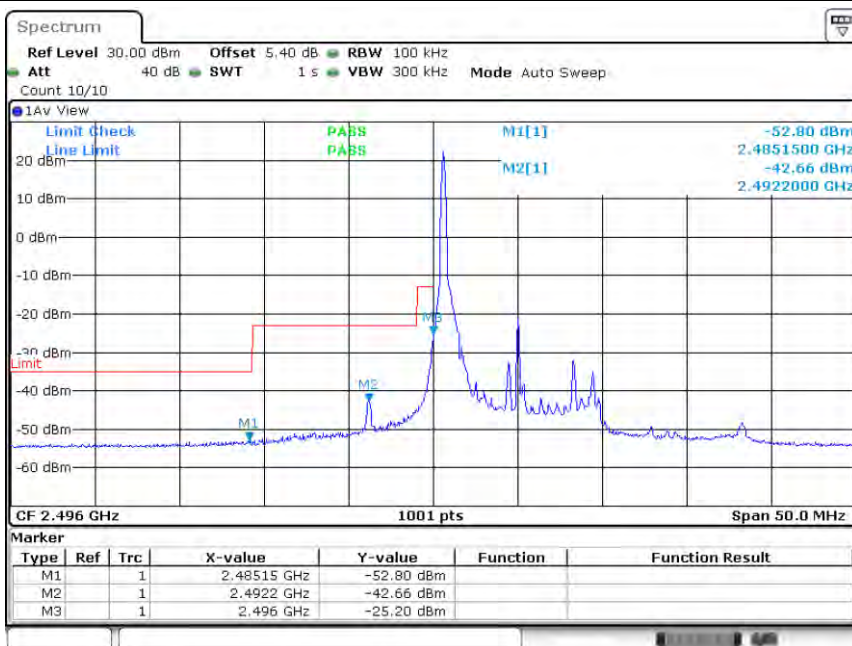
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Band41-10MHz-QPSK-41540-50RB#0



Date: 17 SEP.2020 19:23:54

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



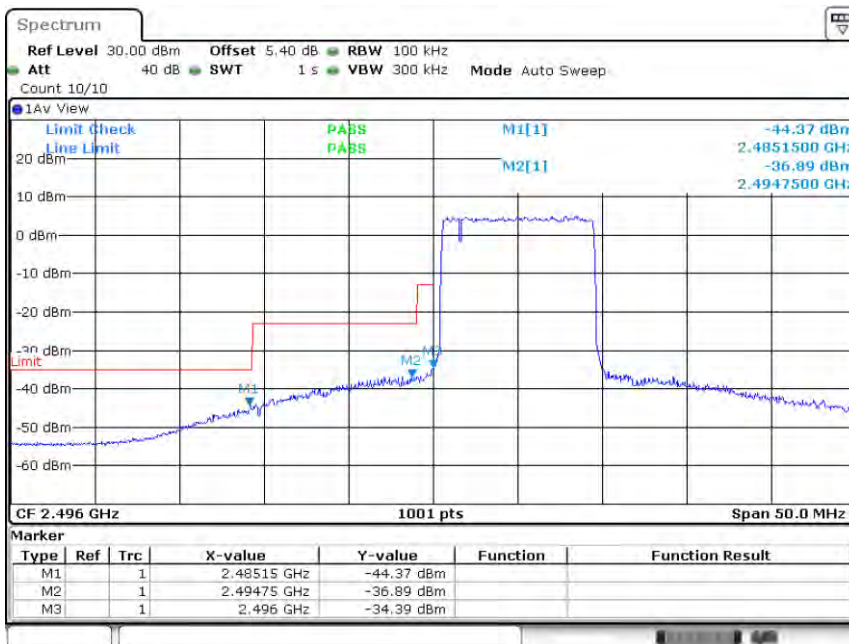
Date: 17 SEP.2020 19:21:05



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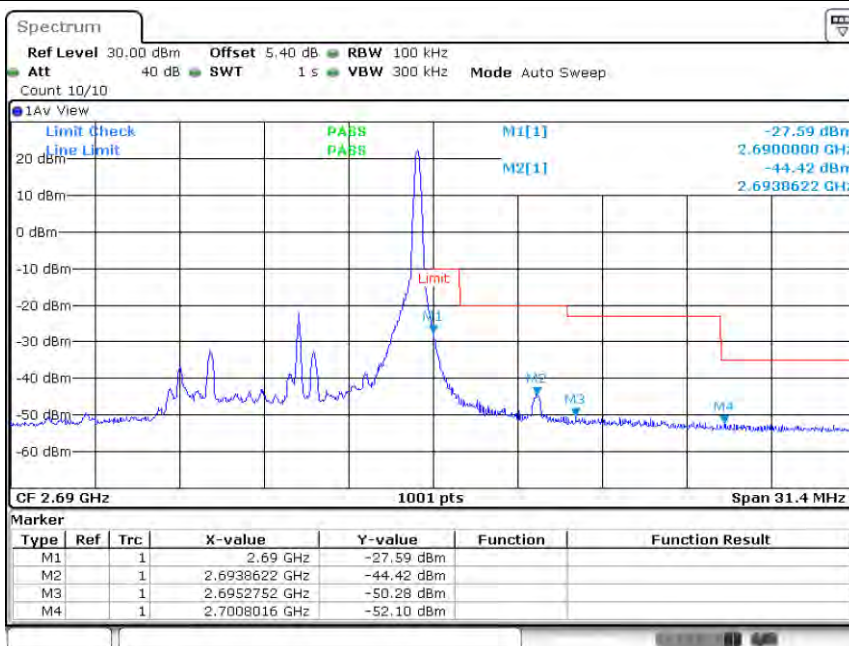
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Band41-10MHz-16QAM-39700-50RB#0



Date: 17 SEP.2020 19:22:29

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



Date: 17 SEP.2020 19:23:28



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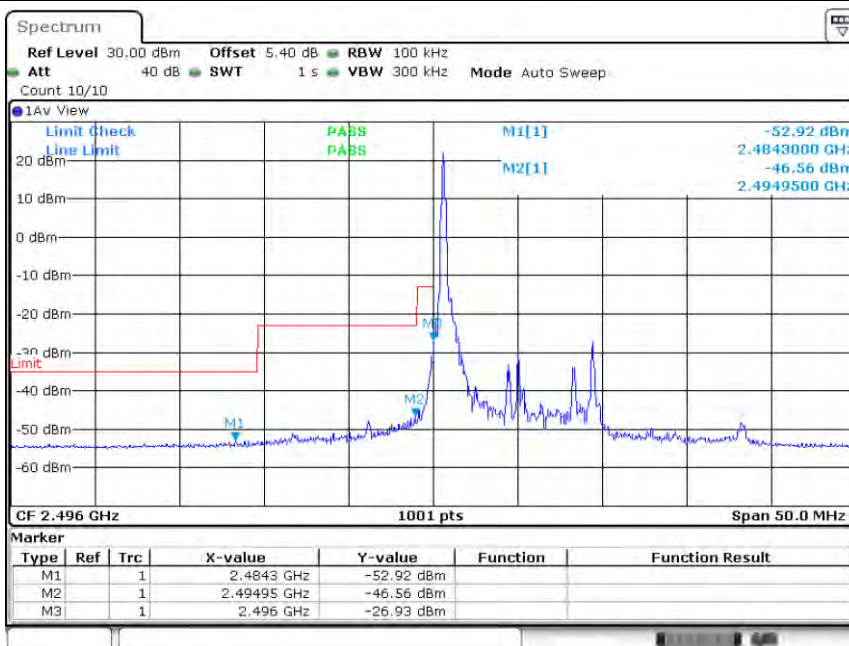
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Band41-10MHz-16QAM-41540-50RB#0



Date: 17 SEP.2020 19:24:20

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



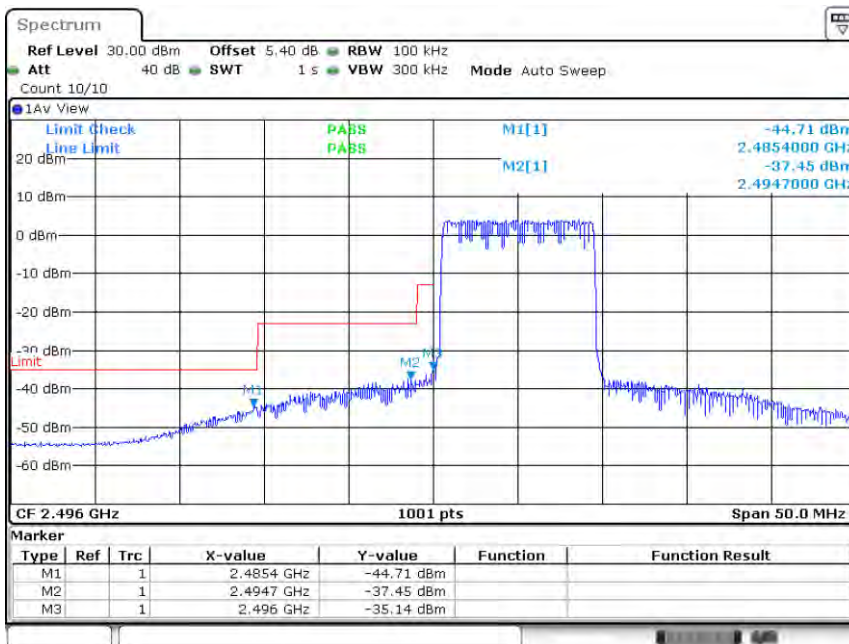
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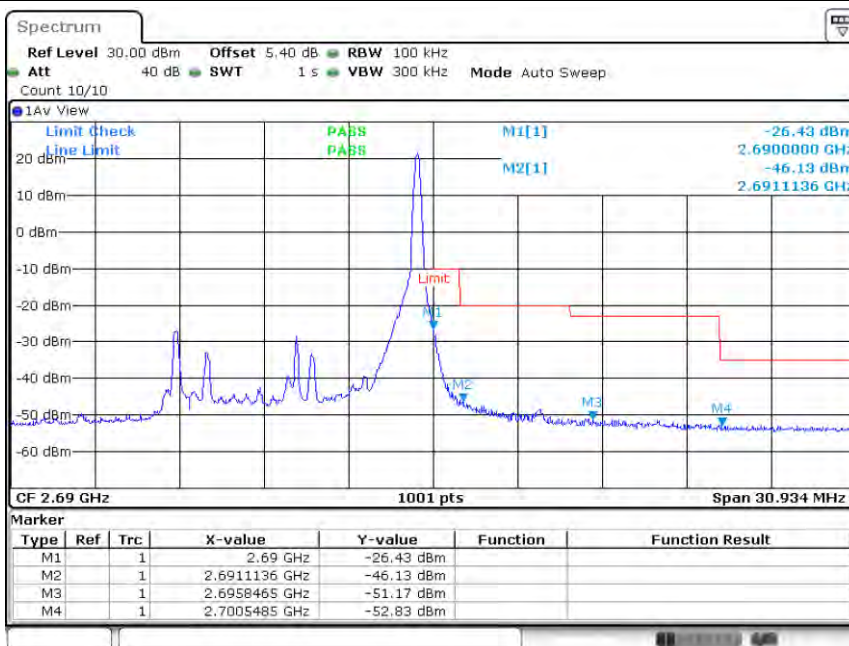
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Band41-10MHz-64QAM-39700-50RB#0



Date: 17 SEP.2020 16:12:04

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



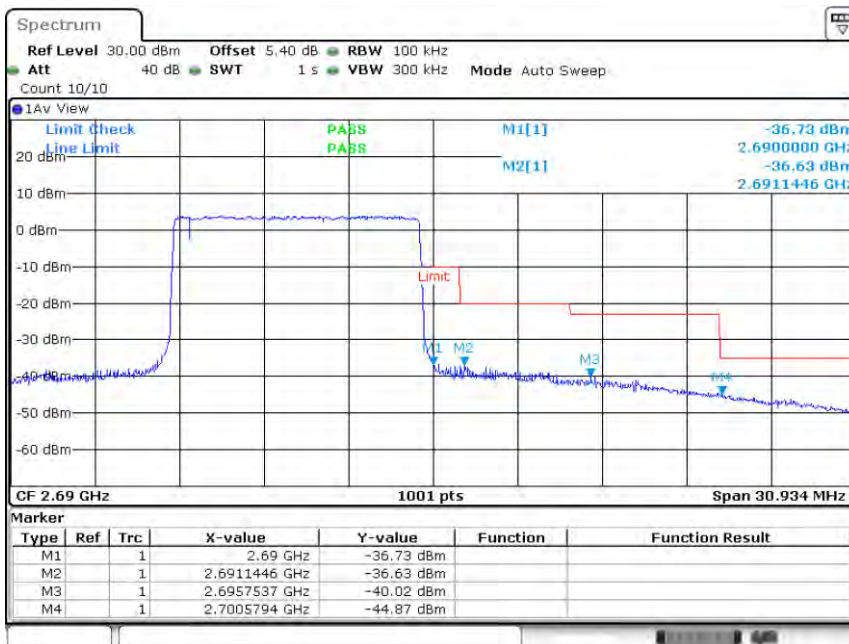
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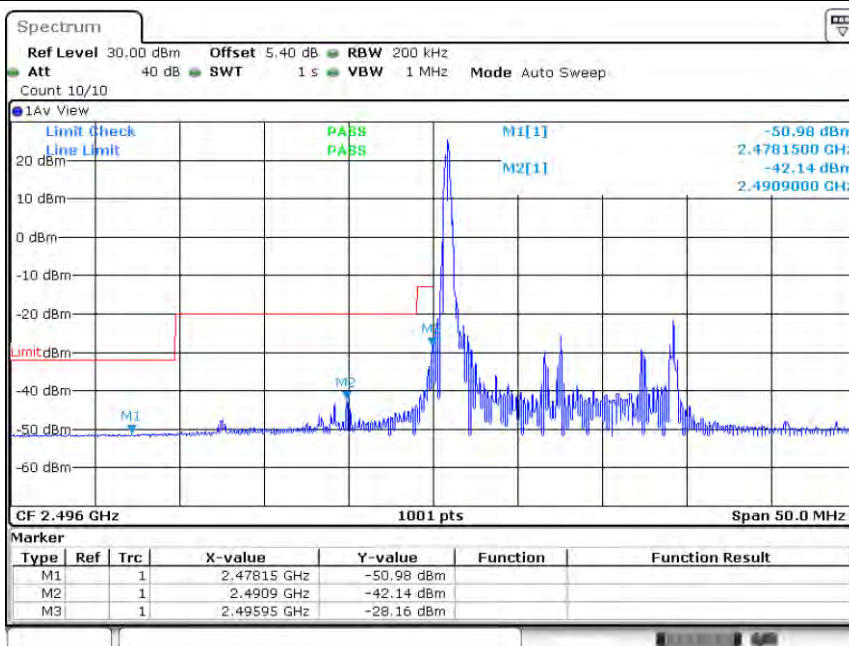
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Band41-10MHz-64QAM-41540-50RB#0



Date: 17 SEP.2020 16:13:05

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



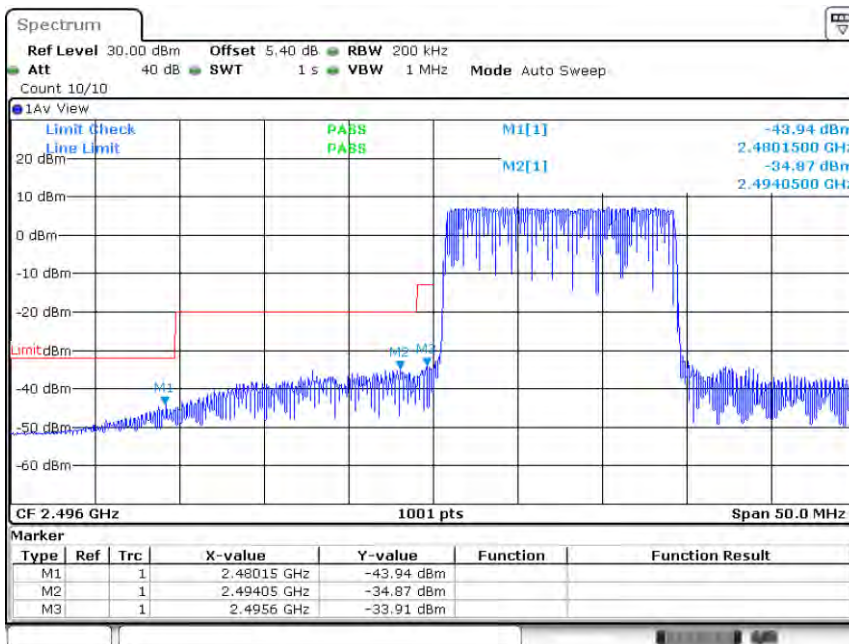
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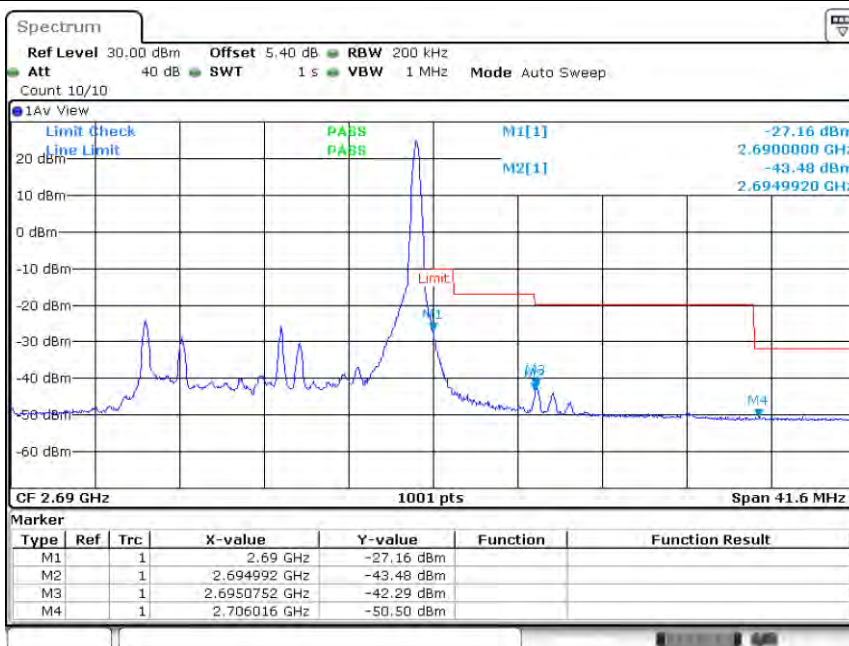
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Band41-15MHz-QPSK-39725-75RB#0



Date: 17 SEP.2020 14:26:31

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



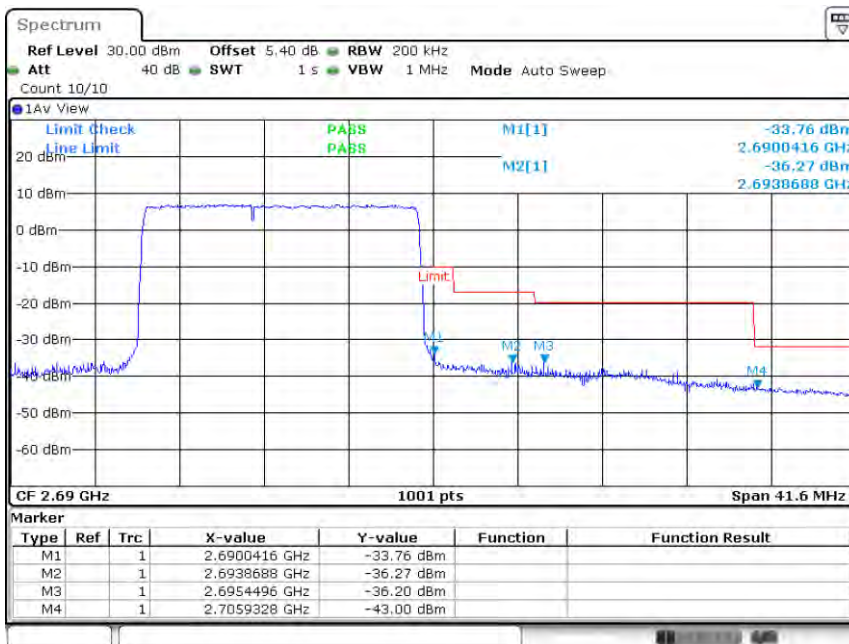
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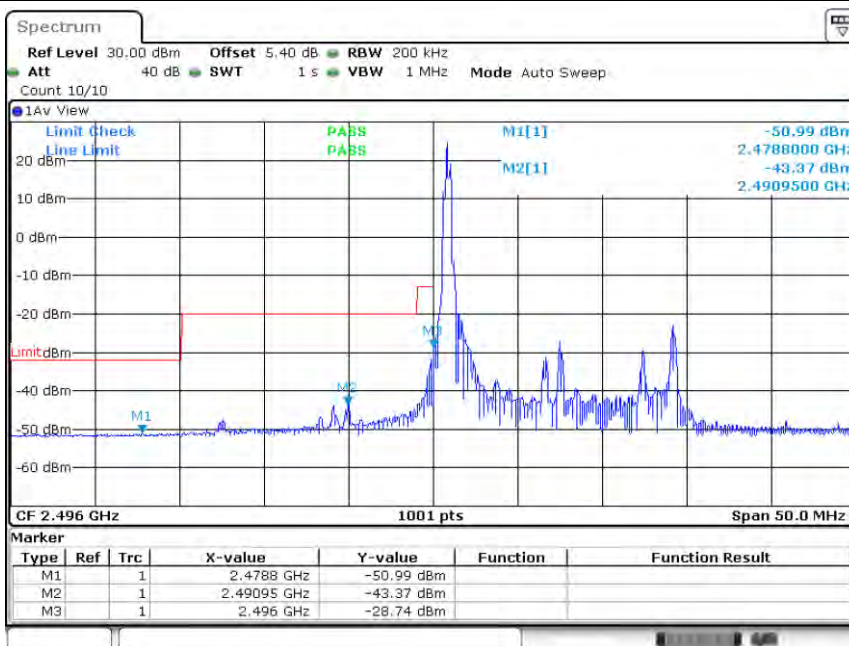
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Band41-15MHz-QPSK-41515-75RB#0



Date: 17 SEP.2020 14:28:24

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



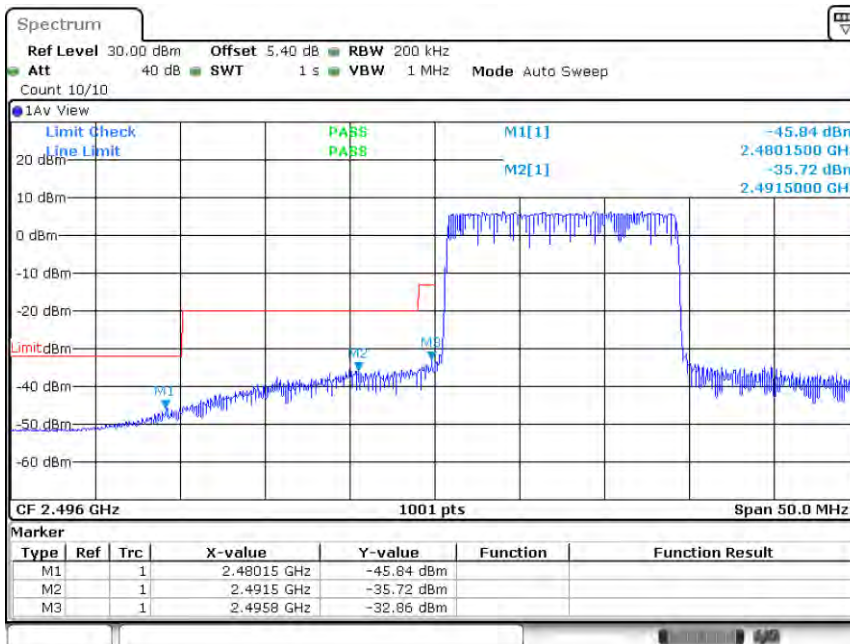
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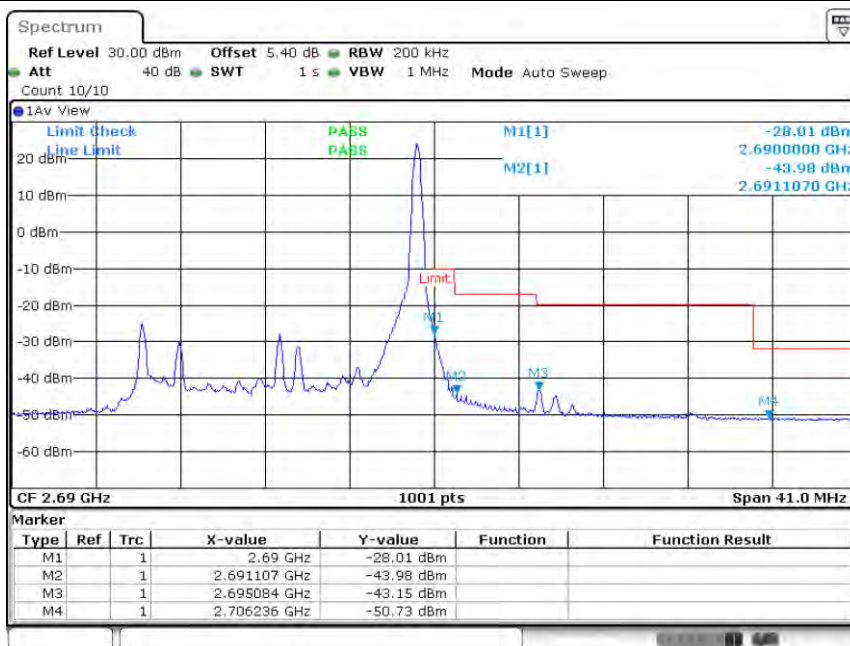
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Band41-15MHz-16QAM-39725-75RB#0



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

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



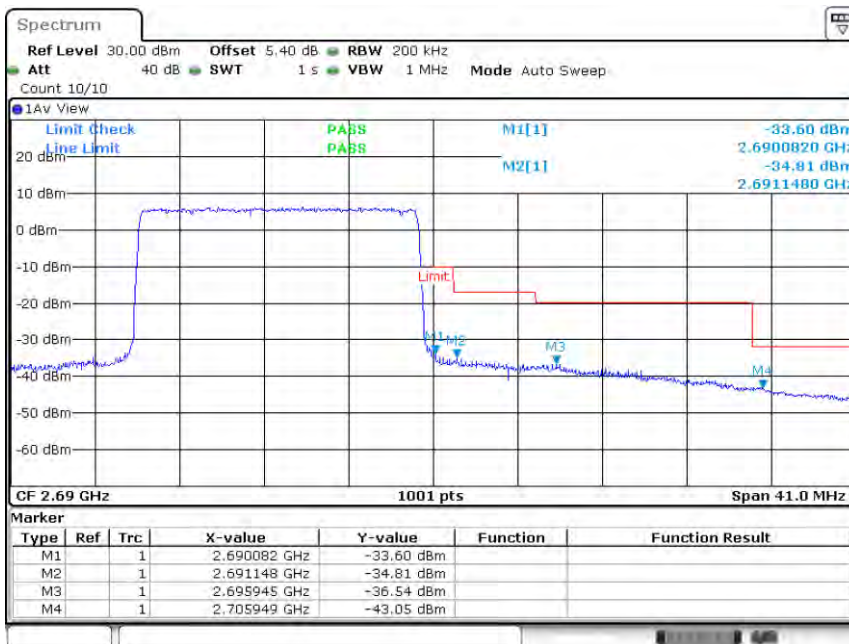
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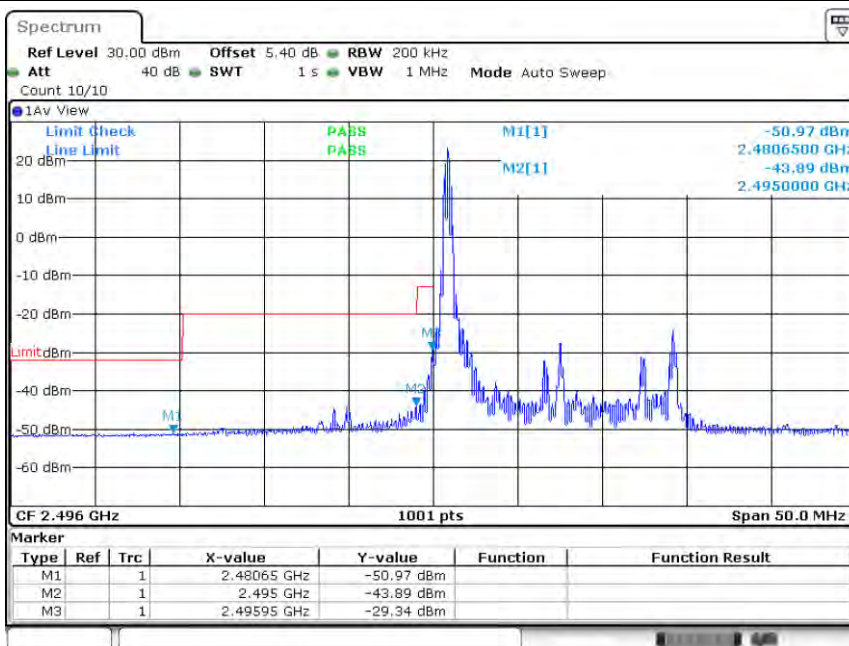
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Band41-15MHz-16QAM-41515-75RB#0



Date: 17 SEP.2020 14:28:50

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



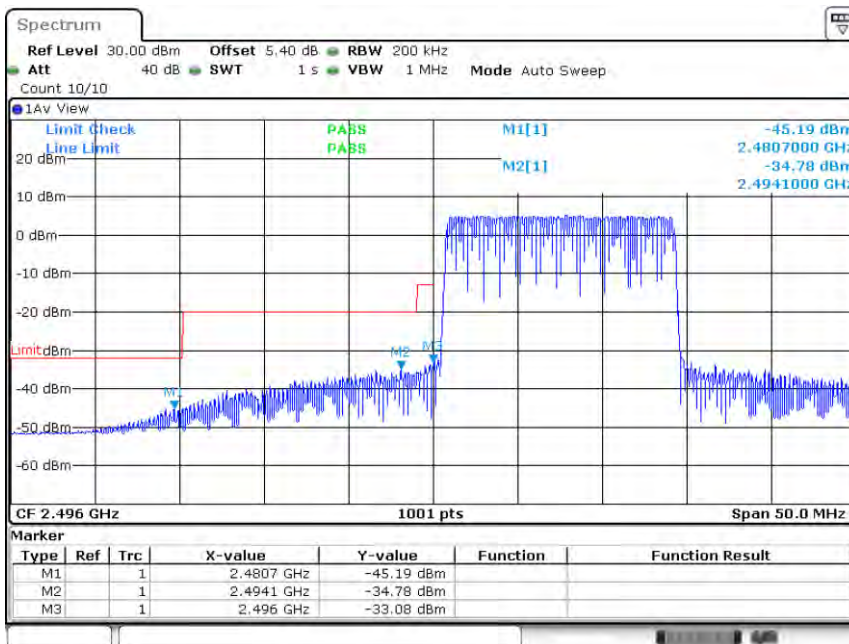
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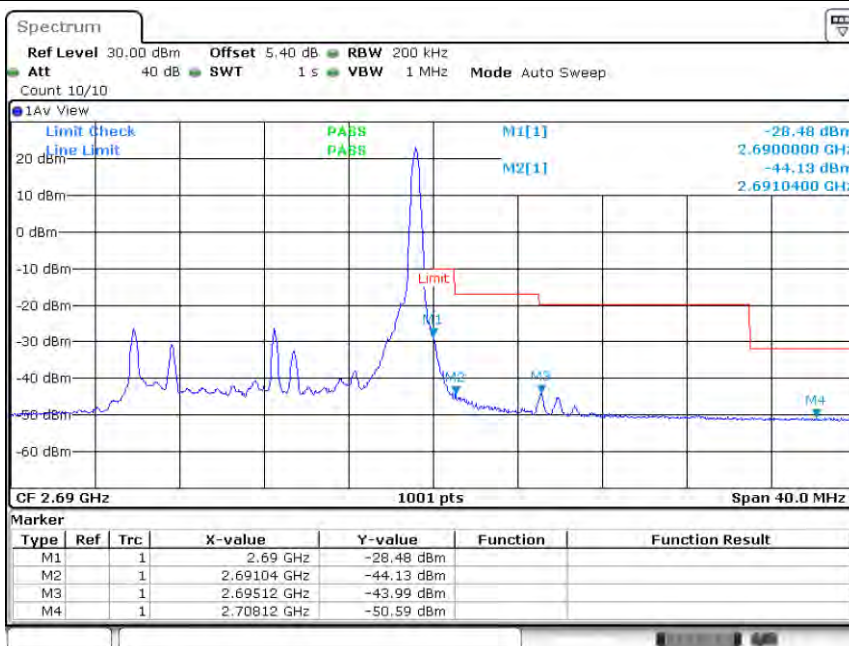
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Band41-15MHz-64QAM-39725-75RB#0



Date: 17 SEP.2020 16:14:05

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



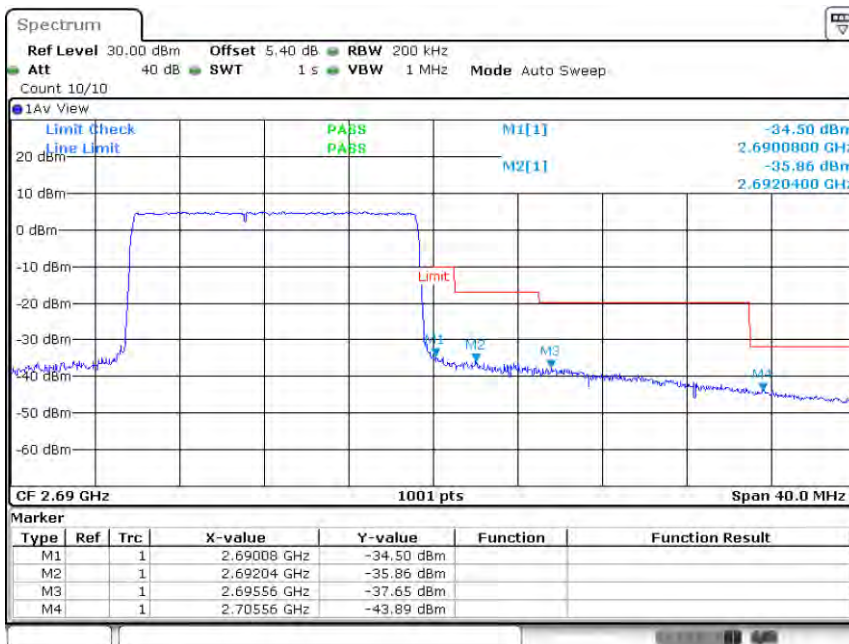
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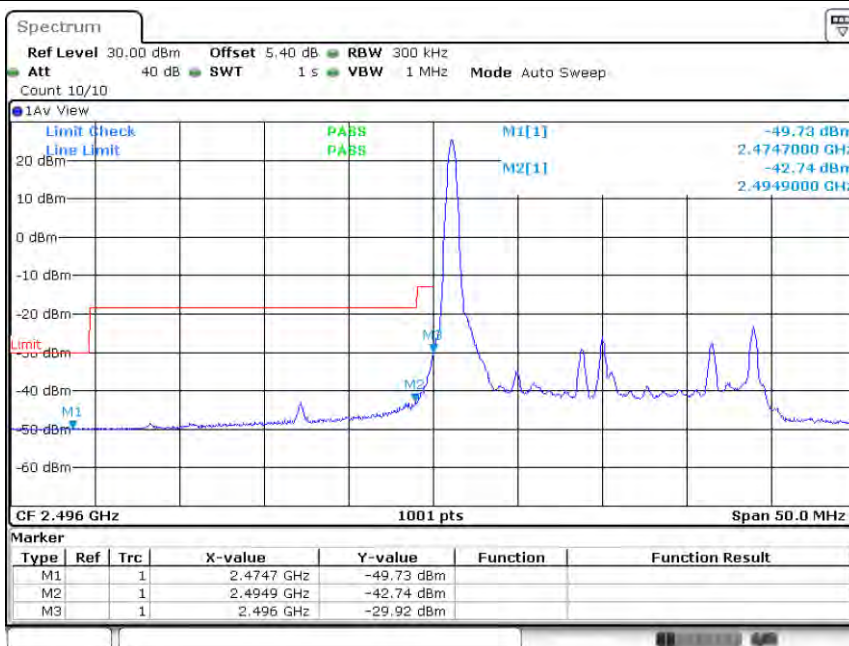
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Band41-15MHz-64QAM-41515-75RB#0



Date: 17 SEP.2020 16:15:20

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



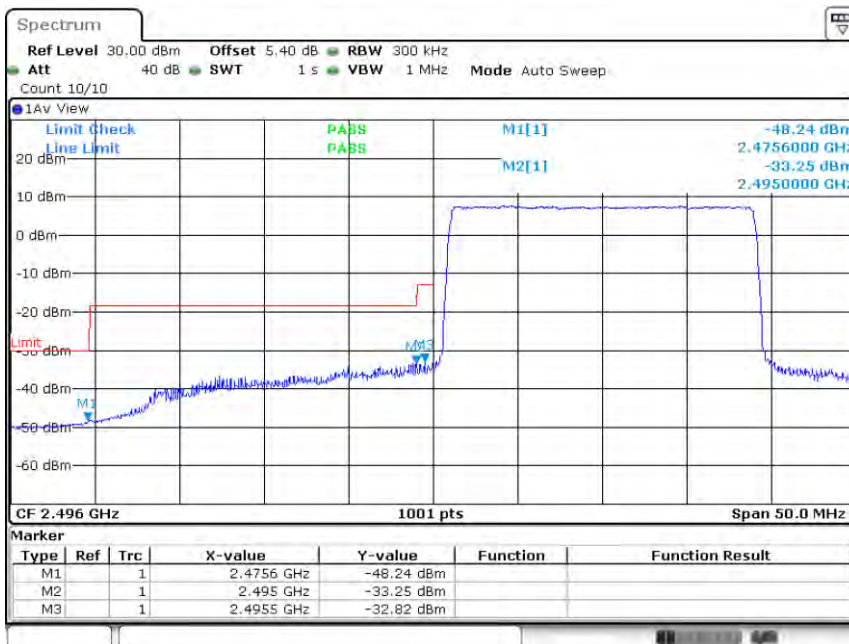
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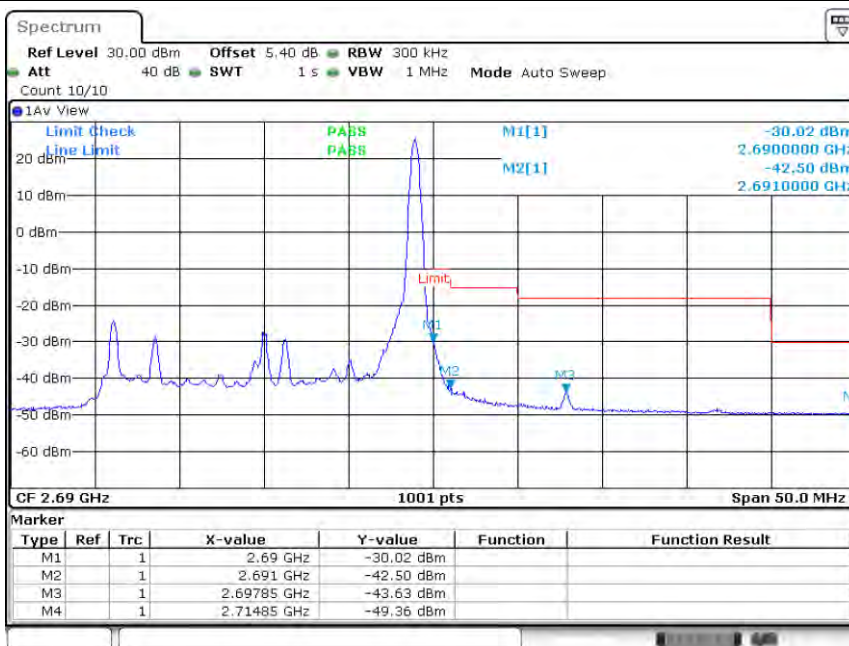
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Band41-20MHz-QPSK-39750-100RB#0



Date: 17 SEP.2020 14:30:15

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



Date: 17 SEP.2020 14:31:13



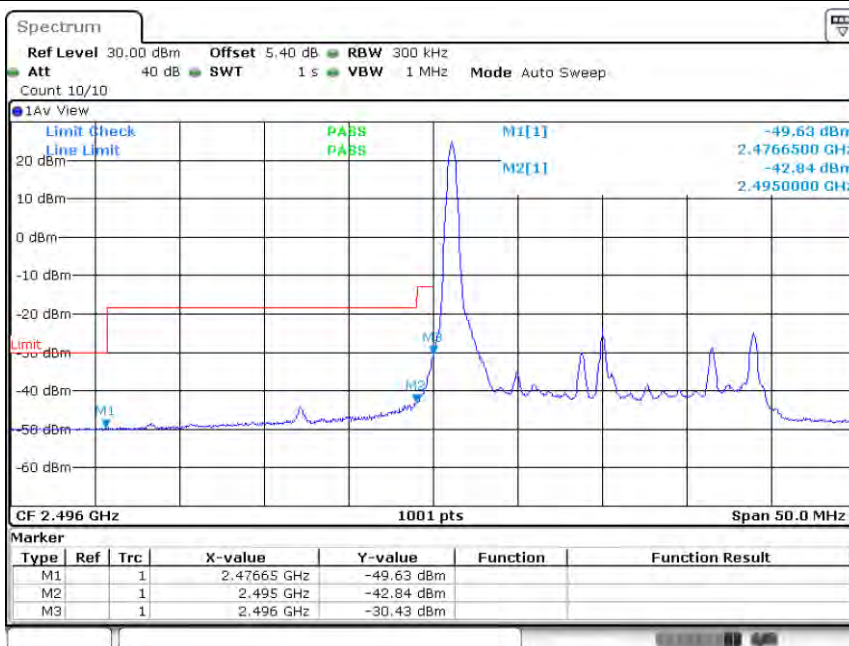
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Band41-20MHz-QPSK-41490-100RB#0



Date: 17 SEP.2020 14:32:04

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

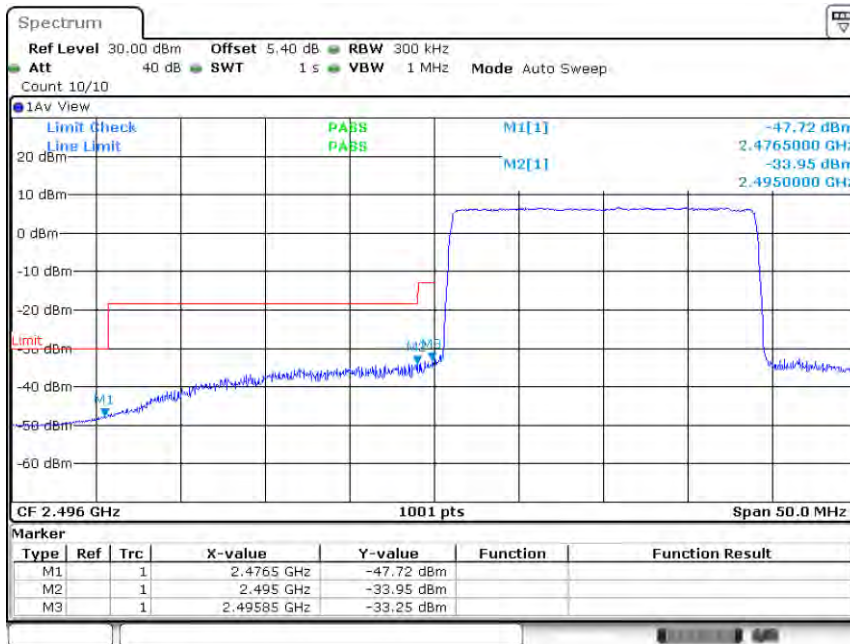


Date: 17 SEP.2020 14:29:50



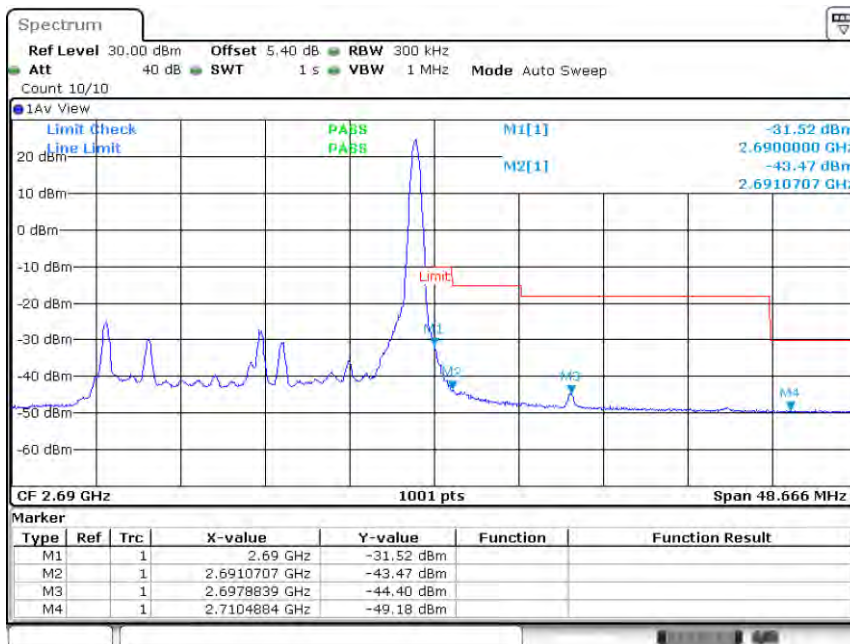
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Band41-20MHz-16QAM-39750-100RB#0



Date: 17 SEP.2020 14:30:40

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



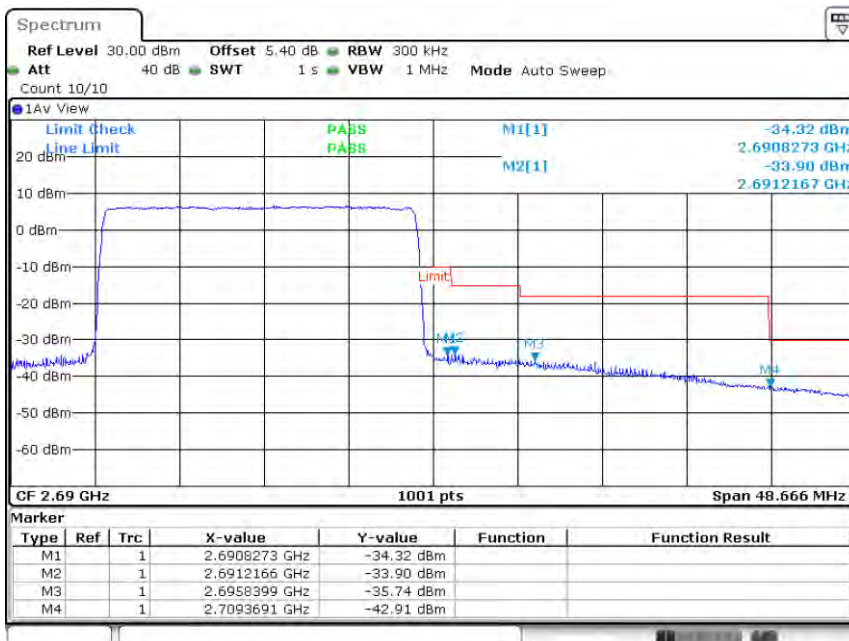
Date: 17 SEP.2020 14:31:38



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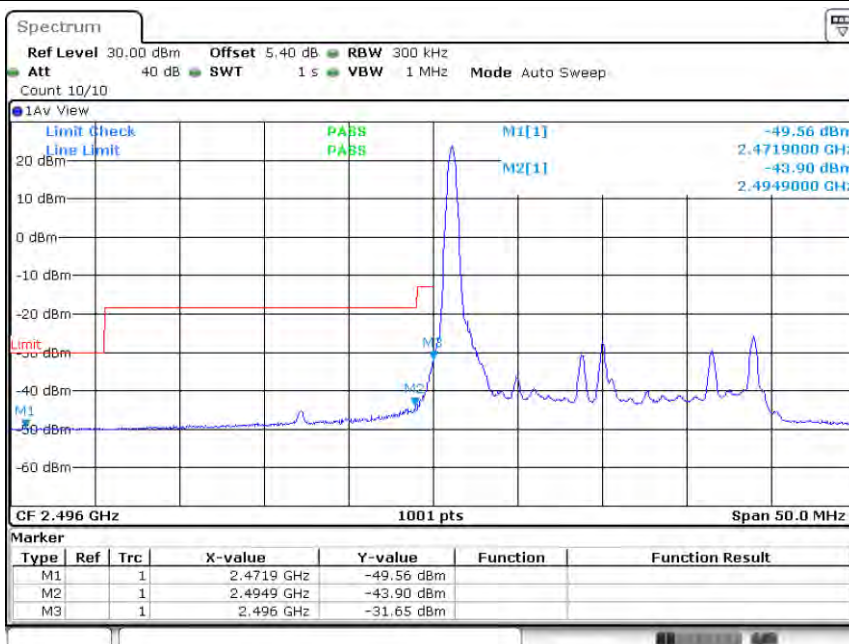
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Band41-20MHz-16QAM-41490-100RB#0



Date: 17 SEP.2020 14:32:30

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

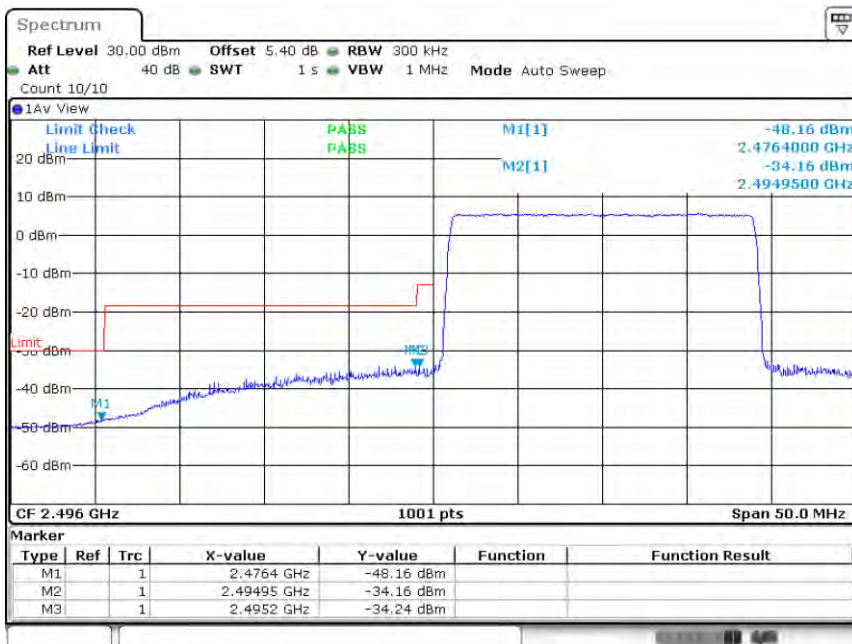


Date: 17 SEP.2020 16:15:56



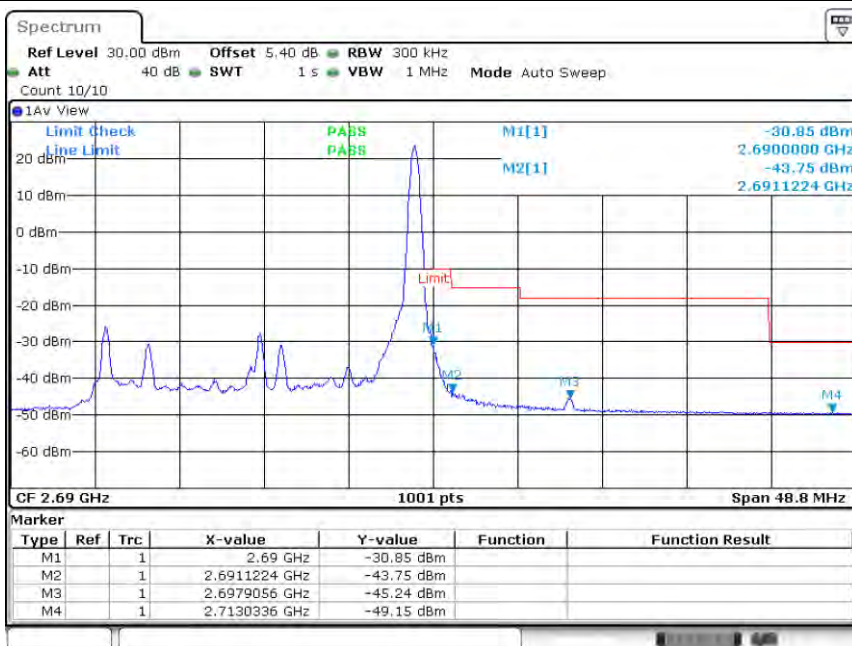
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Band41-20MHz-64QAM-39750-100RB#0



Date: 17 SEP.2020 16:16:21

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



Date: 17 SEP.2020 16:16:55

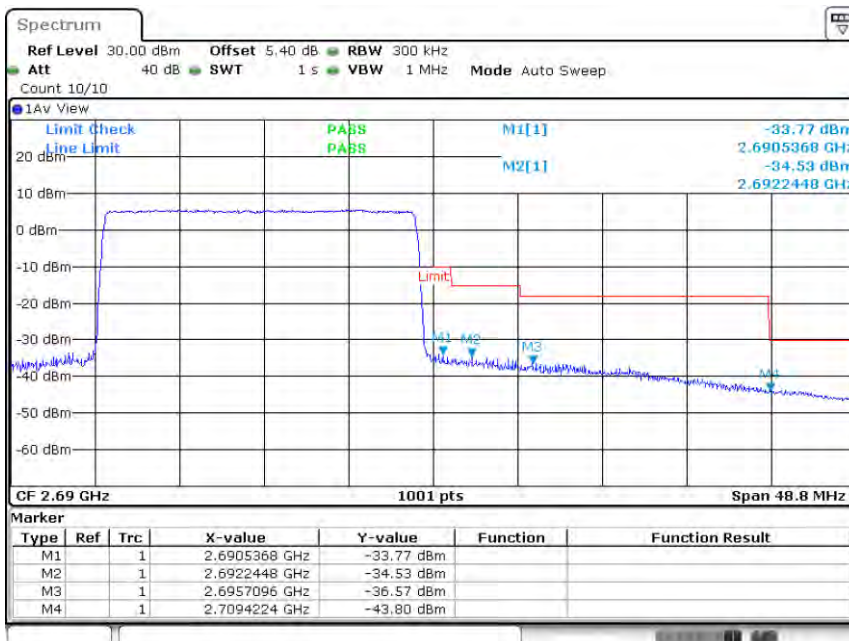


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Band41-20MHz-64QAM-41490-100RB#0



Date: 17 SEP.2020 16:17:21



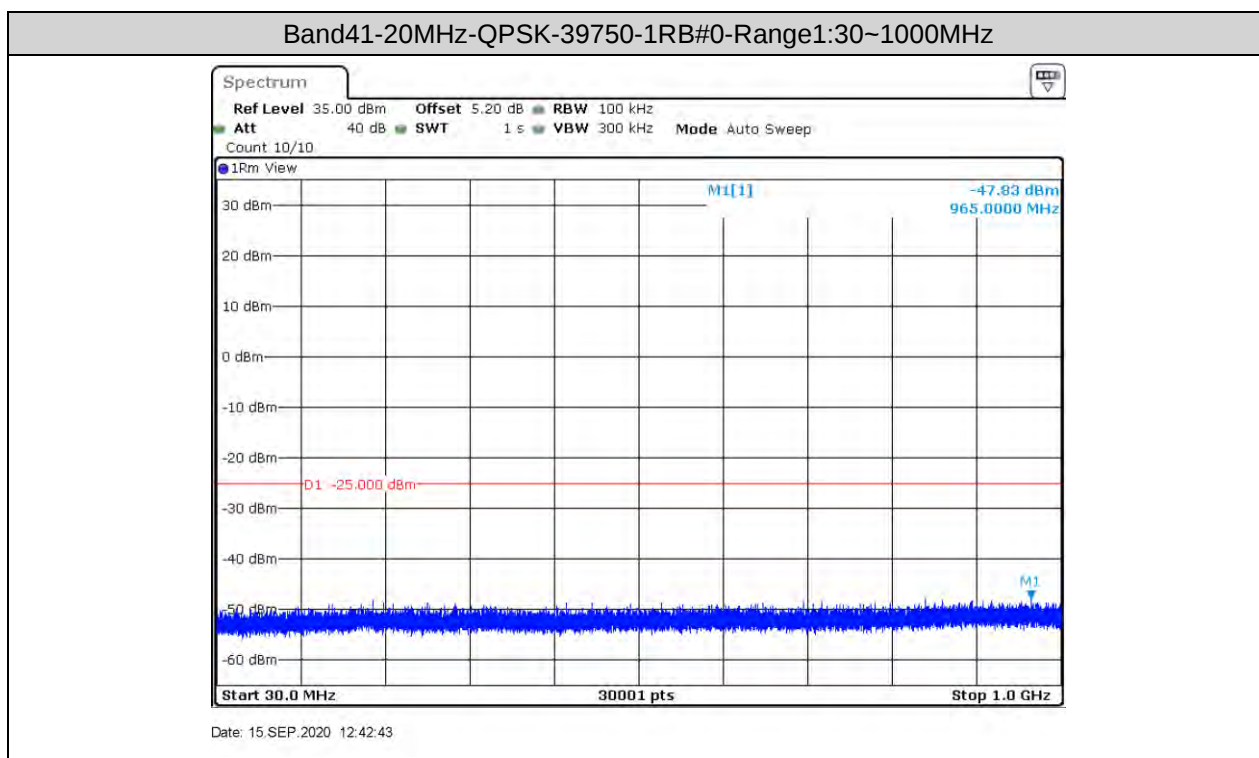


6 Spurious Emission at Antenna Terminal

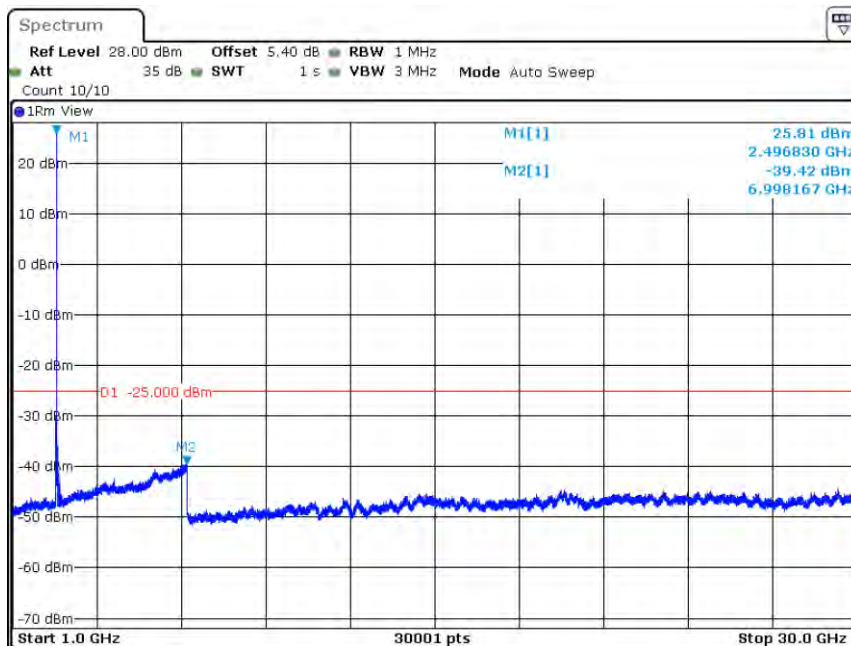
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

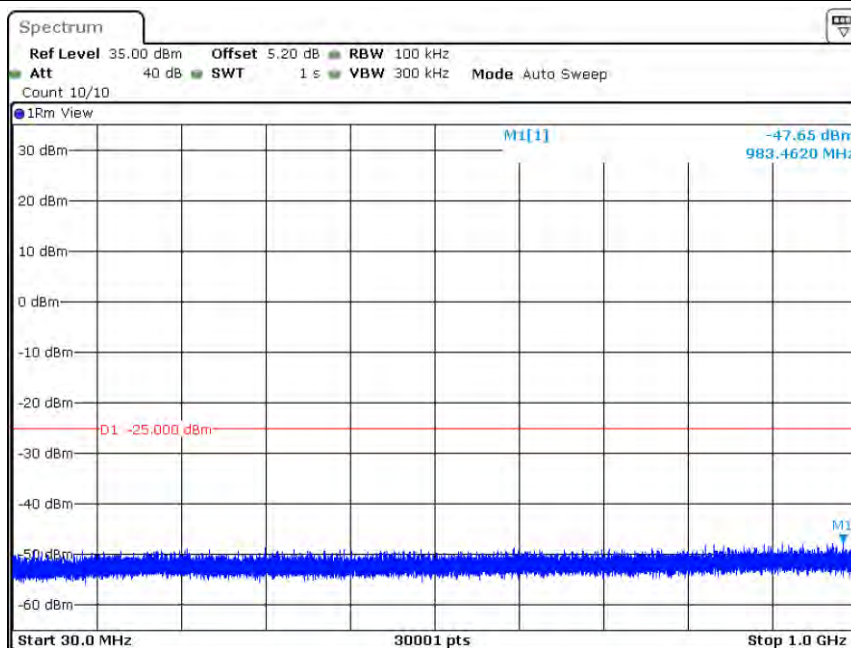


Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 15 SEP.2020 12:43:00

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



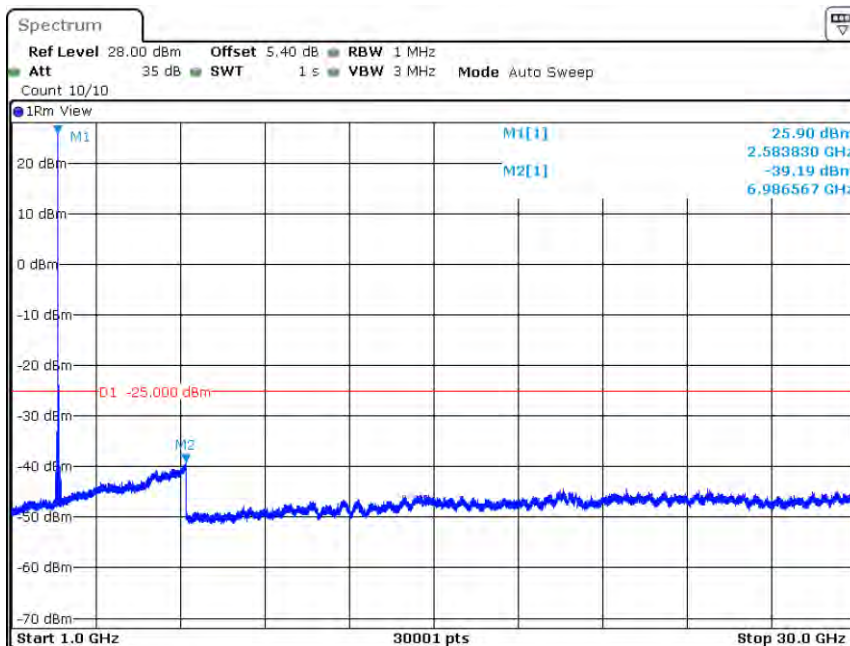
Date: 15 SEP.2020 12:44:01



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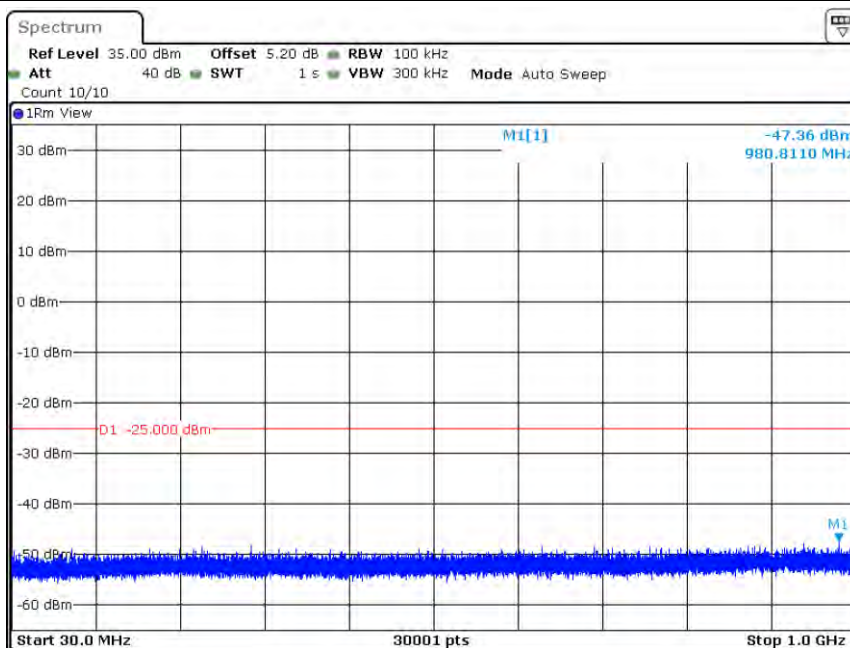
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Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 15 SEP.2020 12:44:18

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



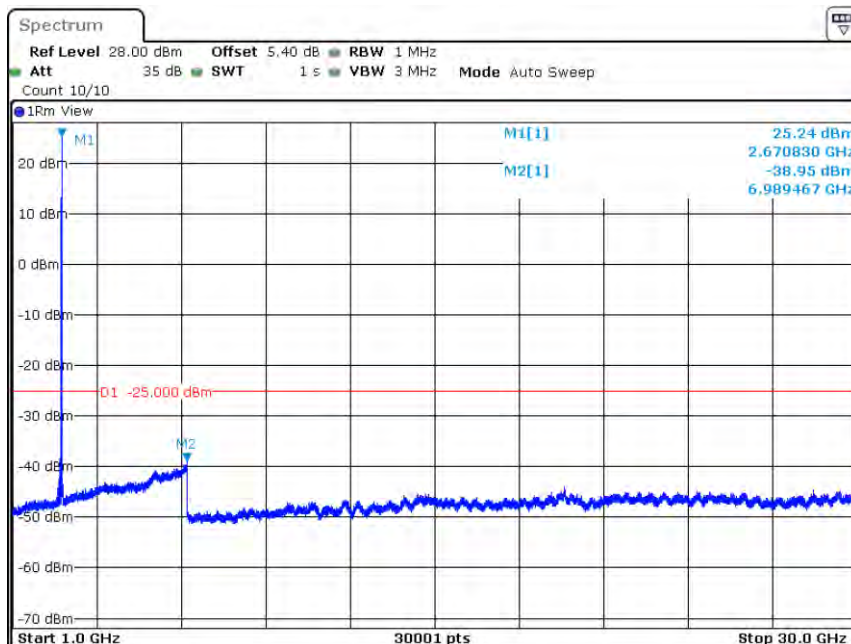
Date: 15 SEP.2020 12:45:19



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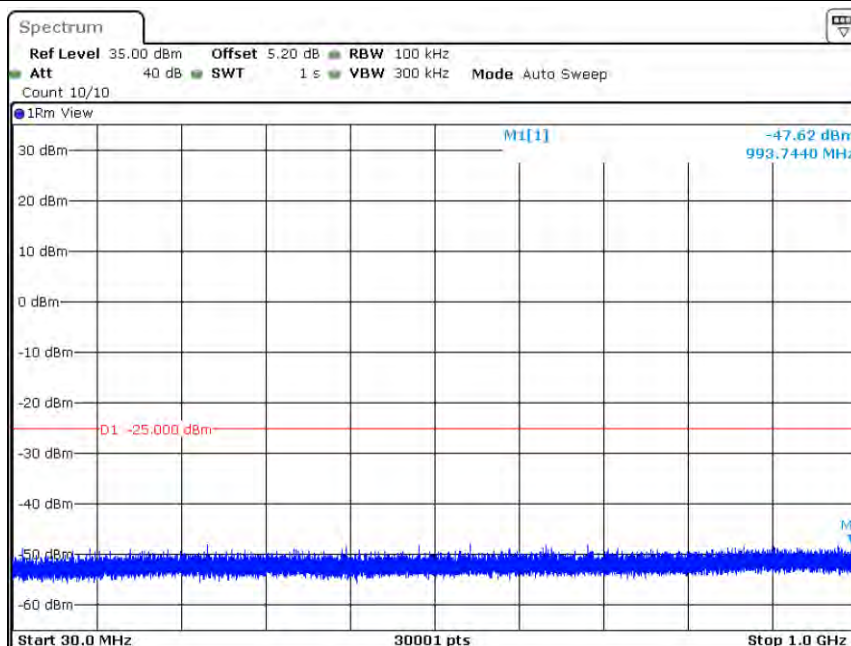
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Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 15 SEP.2020 12:45:36

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



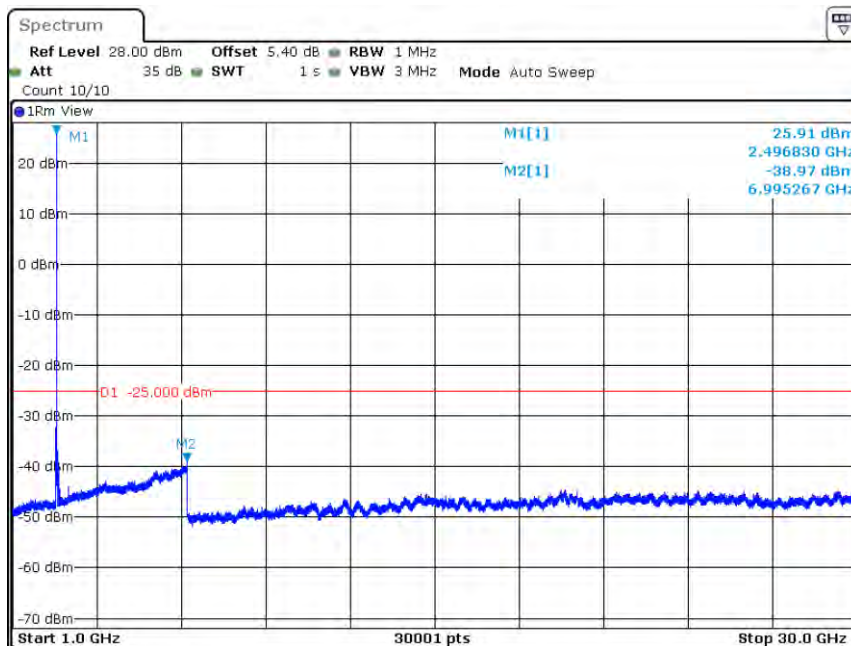
Date: 15 SEP.2020 12:43:22



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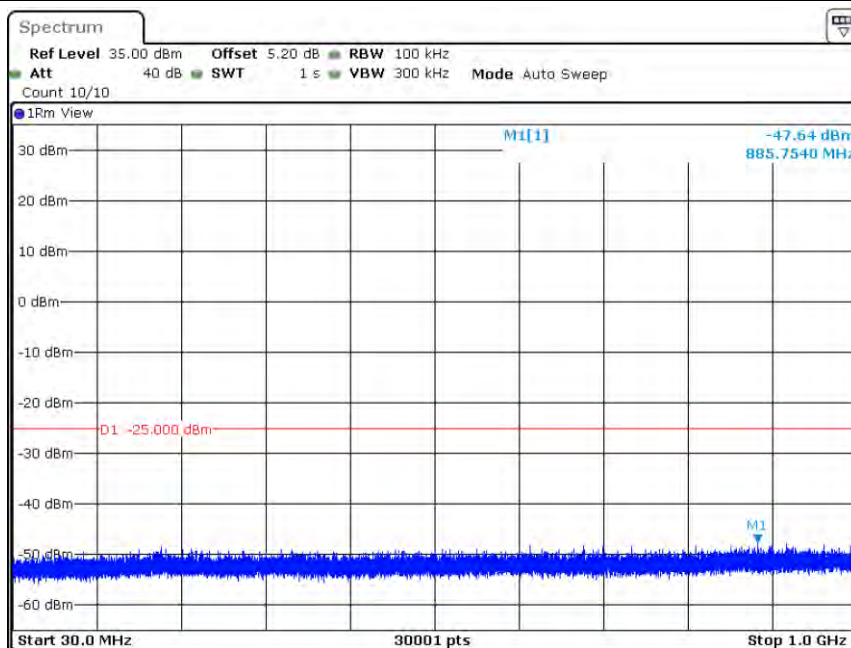
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Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 15 SEP.2020 12:43:39

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



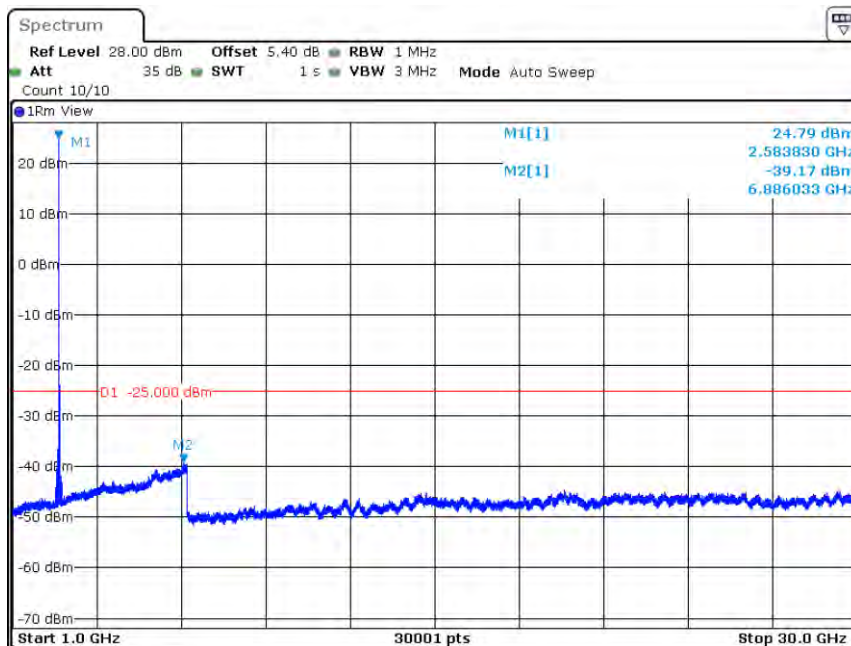
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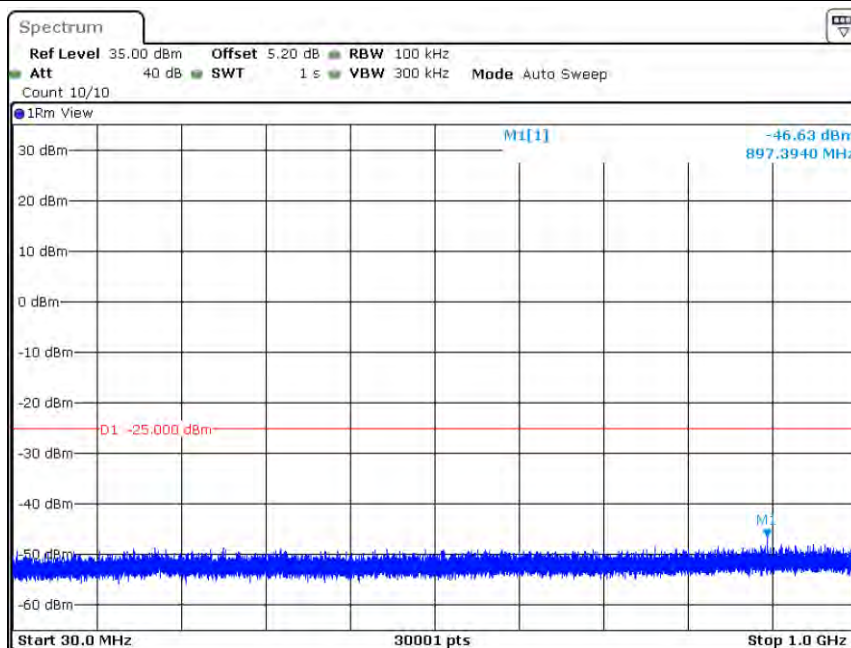
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Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 15 SEP.2020 12:44:57

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



Date: 15 SEP.2020 12:45:58

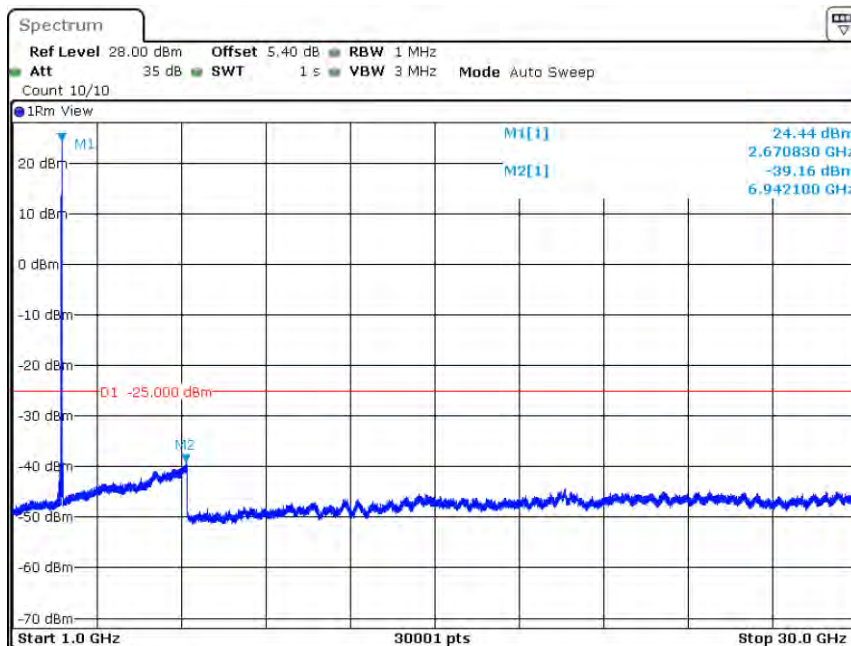


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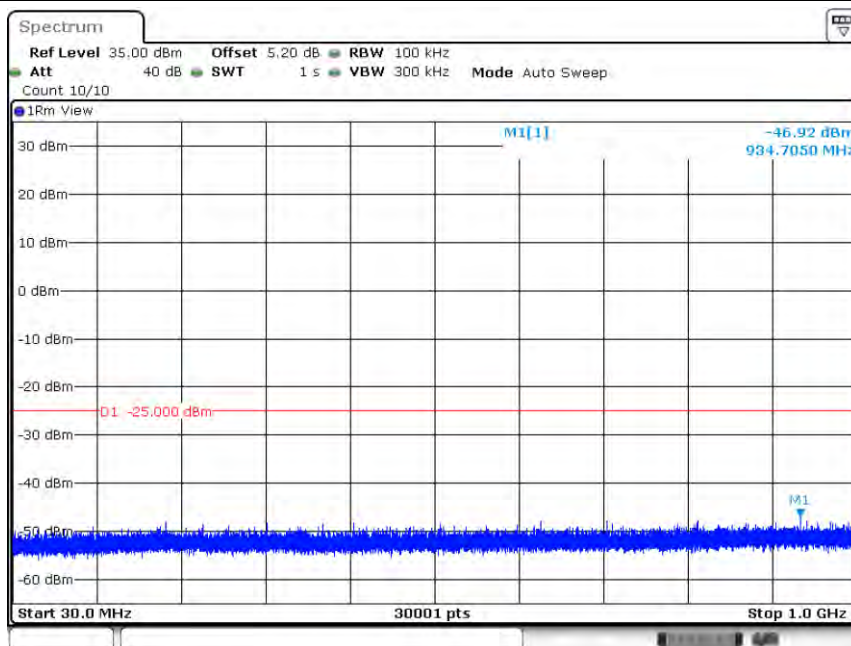
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Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 15 SEP.2020 12:46:15

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



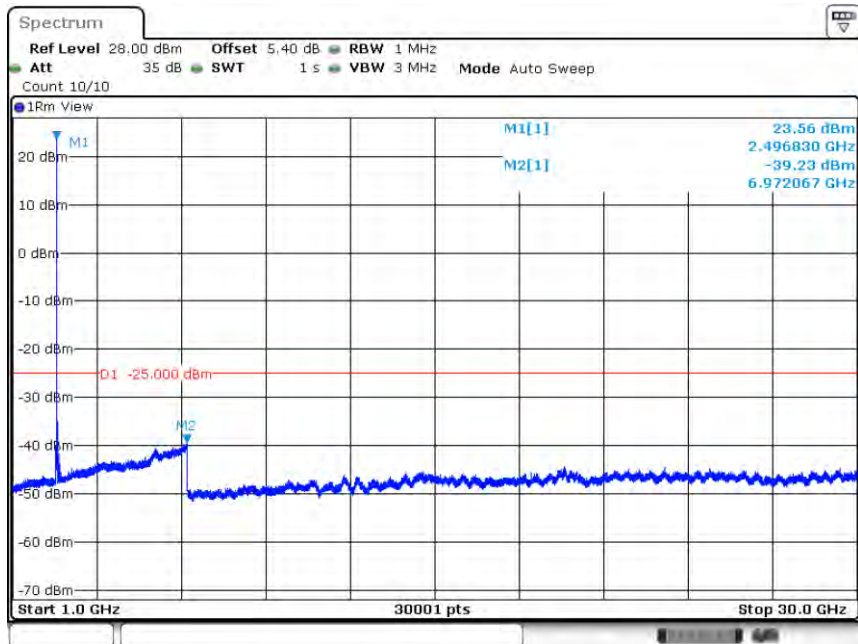
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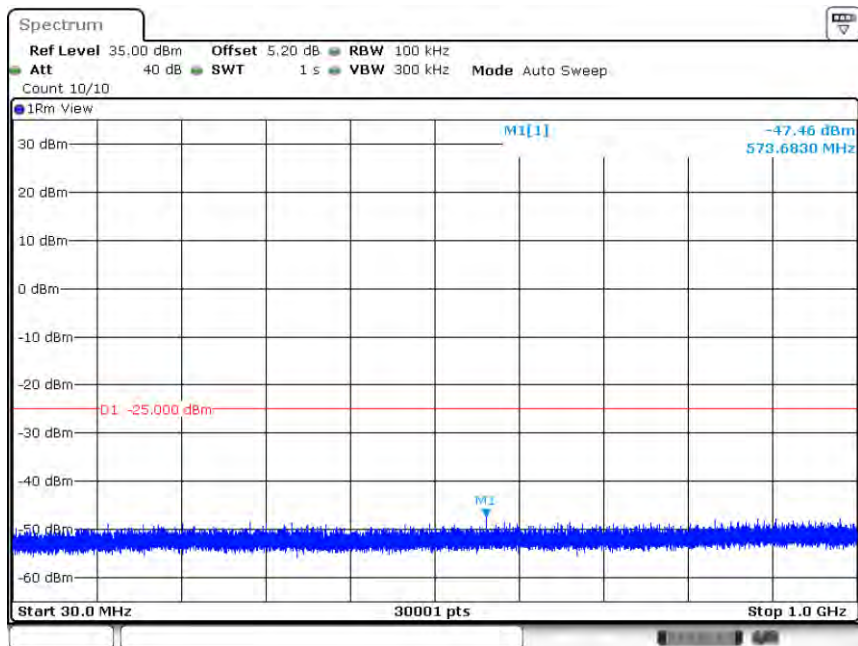
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Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 17 SEP.2020 16:18:05

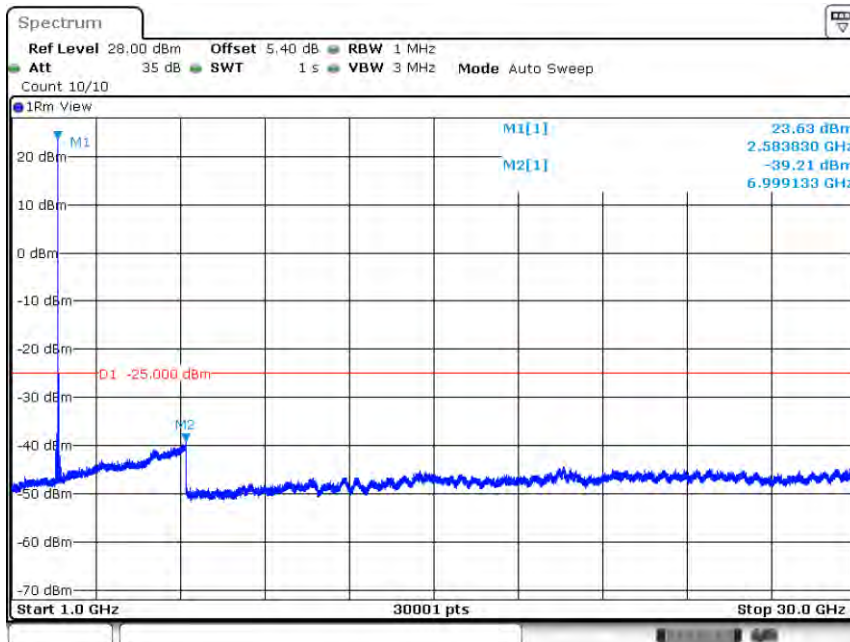
Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Date: 17 SEP.2020 16:18:27

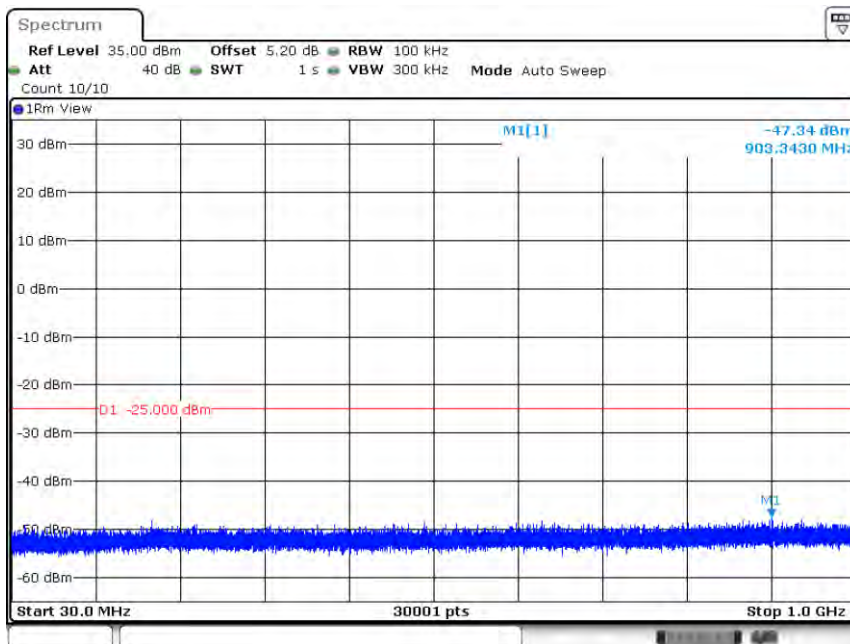


Band41-20MHz-64QAM-40620-1RB#0-Range2:1000~30000MHz



Date: 17 SEP.2020 16:18:44

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



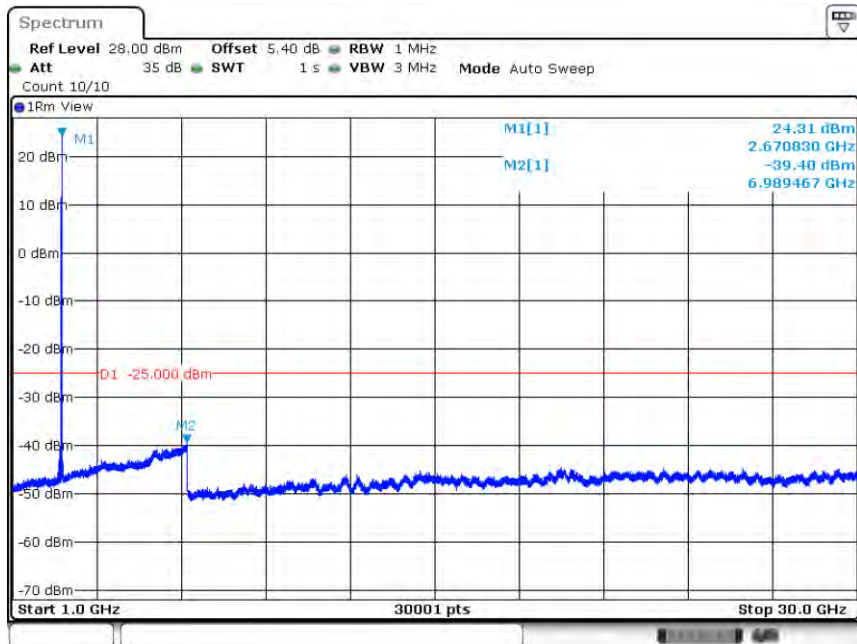
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Date: 17 SEP.2020 16:19:23



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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





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 Configuration	Voltage [Vdc]	Temperature (°C)	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 Configuration	Voltage [Vdc]	Temperature (°C)	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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