



Appendix B

E-UTRA Band 41



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

ANT4:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	25.13	22.13	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	25.03	22.03	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	24.95	21.95	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	24.13	21.13	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	24.27	21.27	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	24.23	21.23	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	23.89	20.89	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	24.95	21.95	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	25.03	22.03	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	25.03	22.03	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	24.06	21.06	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	24.15	21.15	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	24.06	21.06	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	24.08	21.08	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	24.80	21.80	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	24.87	21.87	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	25.05	22.05	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	24.26	21.26	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	23.97	20.97	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	23.97	20.97	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	24.27	21.27	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	24.06	21.06	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	24.09	21.09	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	24.12	21.12	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	23.14	20.14	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	23.00	20.00	33.00	PASS



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Band41	5MHz	16QAM	39675	12RB#13	22.94	19.94	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	23.29	20.29	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	24.12	21.12	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	24.22	21.22	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	24.21	21.21	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#13	23.03	20.03	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	23.13	20.13	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	23.09	20.09	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	23.09	20.09	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	24.26	21.26	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	24.12	21.12	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	24.02	21.02	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	22.99	19.99	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	23.15	20.15	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	22.96	19.96	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	23.29	20.29	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	22.67	19.67	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	22.69	19.69	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	22.68	19.68	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	21.86	18.86	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.89	18.89	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.73	18.73	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.86	18.86	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	22.68	19.68	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	22.78	19.78	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	22.70	19.70	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.67	18.67	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.66	18.66	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	21.78	18.78	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	21.94	18.94	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	22.71	19.71	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	22.71	19.71	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	22.69	19.69	33.00	PASS



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Band41	5MHz	64QAM	41565	12RB#0	21.92	18.92	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	21.87	18.87	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	21.75	18.75	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	21.83	18.83	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	24.90	21.90	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	25.06	22.06	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	24.86	21.86	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	24.03	21.03	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	24.07	21.07	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	24.05	21.05	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	24.07	21.07	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	24.98	21.98	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	24.99	21.99	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	25.03	22.03	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	24.05	21.05	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	24.13	21.13	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	24.09	21.09	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	24.10	21.10	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	24.89	21.89	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	25.19	22.19	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	24.99	21.99	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	24.10	21.10	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	24.27	21.27	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	24.07	21.07	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	24.26	21.26	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	24.29	21.29	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	24.20	21.20	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	24.30	21.30	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	23.16	20.16	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	23.23	20.23	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	23.01	20.01	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	23.19	20.19	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	24.27	21.27	33.00	PASS



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Band41	10MHz	16QAM	40620	1RB#0	24.31	21.31	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	24.33	21.33	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	23.05	20.05	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	23.15	20.15	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	23.09	20.09	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	23.08	20.08	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	24.31	21.31	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	24.47	21.47	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	24.52	21.52	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	23.24	20.24	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	23.00	20.00	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	22.99	19.99	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	22.97	19.97	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	22.67	19.67	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	22.81	19.81	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	22.85	19.85	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	21.94	18.94	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	21.87	18.87	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	21.71	18.71	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	21.78	18.78	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	22.92	19.92	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	22.77	19.77	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	22.85	19.85	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.93	18.93	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	21.85	18.85	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.93	18.93	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.80	18.80	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	22.81	19.81	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	22.75	19.75	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	22.93	19.93	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.93	18.93	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.86	18.86	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.83	18.83	33.00	PASS



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Band41	10MHz	64QAM	41540	50RB#0	21.73	18.73	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	24.64	21.64	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	24.77	21.77	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	25.10	22.10	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	23.93	20.93	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#18	24.17	21.17	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	24.22	21.22	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	23.98	20.98	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	24.74	21.74	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	24.90	21.90	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	24.97	21.97	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	24.04	21.04	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	24.08	21.08	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	24.08	21.08	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	24.10	21.10	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	24.73	21.73	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	24.84	21.84	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	24.88	21.88	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	23.94	20.94	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	24.17	21.17	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	24.00	21.00	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	24.17	21.17	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	24.20	21.20	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	24.09	21.09	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	24.33	21.33	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	23.22	20.22	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	23.11	20.11	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	23.16	20.16	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	23.10	20.10	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	24.30	21.30	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	24.19	21.19	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	24.34	21.34	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	23.08	20.08	33.00	PASS



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Band41	15MHz	16QAM	40620	36RB#0	23.12	20.12	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	23.11	20.11	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	23.10	20.10	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	24.43	21.43	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	24.15	21.15	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	24.23	21.23	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	23.09	20.09	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	22.95	19.95	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	23.08	20.08	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	23.27	20.27	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	22.76	19.76	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	22.81	19.81	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	22.84	19.84	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	21.91	18.91	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	21.65	18.65	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	21.65	18.65	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	21.69	18.69	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	22.71	19.71	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	22.90	19.90	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	22.64	19.64	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	21.69	18.69	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	21.85	18.85	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	21.70	18.70	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.81	18.81	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	22.86	19.86	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	22.64	19.64	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	22.88	19.88	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	21.67	18.67	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	21.70	18.70	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	21.87	18.87	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	21.70	18.70	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	25.16	22.16	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	25.03	22.03	33.00	PASS



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Band41	20MHz	QPSK	39750	1RB#99	25.06	22.06	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	24.31	21.31	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	24.28	21.28	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	24.25	21.25	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	24.28	21.28	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	25.19	22.19	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	24.93	21.93	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	25.03	22.03	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	24.12	21.12	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	24.19	21.19	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	24.14	21.14	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	24.15	21.15	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	25.10	22.10	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	25.01	22.01	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	25.03	22.03	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	24.18	21.18	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	24.13	21.13	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	24.19	21.19	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	24.15	21.15	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	24.45	21.45	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	24.33	21.33	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	24.32	21.32	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	23.29	20.29	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	23.29	20.29	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	23.26	20.26	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	23.30	20.30	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	24.41	21.41	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	24.33	21.33	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	24.37	21.37	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	23.12	20.12	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	23.17	20.17	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	23.16	20.16	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	23.21	20.21	33.00	PASS



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Band41	20MHz	16QAM	41490	1RB#99	24.49	21.49	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	24.35	21.35	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	24.34	21.34	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	23.22	20.22	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	23.18	20.18	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#25	23.22	20.22	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	23.19	20.19	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	22.72	19.72	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	22.71	19.71	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	22.73	19.73	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.74	18.74	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	21.81	18.81	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	21.95	18.95	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.87	18.87	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	22.83	19.83	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	22.93	19.93	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	22.75	19.75	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.73	18.73	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	21.89	18.89	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	21.77	18.77	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	21.90	18.90	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	22.74	19.74	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	22.75	19.75	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	22.95	19.95	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	21.90	18.90	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	21.70	18.70	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.70	18.70	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	21.70	18.70	33.00	PASS





ANT3:

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.79	20.79	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.54	20.54	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.46	20.46	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.77	20.77	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.72	20.72	33.00	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.78	20.78	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.66	20.66	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.66	20.66	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.33	20.33	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.64	20.64	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.58	20.58	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.67	20.67	33.00	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.51	20.51	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.59	20.59	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.49	20.49	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.48	20.48	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.10	20.10	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.28	20.28	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.32	20.32	33.00	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.27	20.27	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.19	20.19	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.73	20.73	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.71	20.71	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.65	20.65	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#0	21.73	20.73	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#6	21.66	20.66	33.00	PASS
Band41	5MHz	16QAM	39675	12RB#13	21.63	20.63	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	21.70	20.70	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.75	20.75	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.68	20.68	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.45	20.45	33.00	PASS



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Band41	5MHz	16QAM	40620	12RB#13	21.46	20.46	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#6	21.55	20.55	33.00	PASS
Band41	5MHz	16QAM	40620	12RB#0	21.53	20.53	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.58	20.58	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.57	20.57	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.39	20.39	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.44	20.44	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#0	21.25	20.25	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#6	21.27	20.27	33.00	PASS
Band41	5MHz	16QAM	41565	12RB#13	21.19	20.19	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	21.20	20.20	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	21.30	20.30	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	21.24	20.24	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.32	20.32	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#13	21.26	20.26	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#6	21.22	20.22	33.00	PASS
Band41	5MHz	64QAM	39675	12RB#0	21.24	20.24	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	21.21	20.21	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.35	20.35	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.29	20.29	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.25	20.25	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#0	21.14	20.14	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#6	21.17	20.17	33.00	PASS
Band41	5MHz	64QAM	40620	12RB#13	21.25	20.25	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	21.23	20.23	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	21.31	20.31	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	21.40	20.40	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	21.22	20.22	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#0	21.43	20.43	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#6	21.37	20.37	33.00	PASS
Band41	5MHz	64QAM	41565	12RB#13	21.46	20.46	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	21.45	20.45	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.70	20.70	33.00	PASS



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Band41	10MHz	QPSK	39700	1RB#24	21.55	20.55	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.55	20.55	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.78	20.78	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.73	20.73	33.00	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.79	20.79	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.89	20.89	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.47	20.47	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.34	20.34	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.65	20.65	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.59	20.59	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.68	20.68	33.00	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.52	20.52	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.89	20.89	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.49	20.49	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.49	20.49	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.11	20.11	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.29	20.29	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.33	20.33	33.00	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.28	20.28	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.23	20.23	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.77	20.77	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.75	20.75	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.69	20.69	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#0	21.77	20.77	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#12	21.71	20.71	33.00	PASS
Band41	10MHz	16QAM	39700	25RB#25	21.67	20.67	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.74	20.74	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.79	20.79	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.72	20.72	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.49	20.49	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#0	21.50	20.50	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#12	21.59	20.59	33.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	21.57	20.57	33.00	PASS



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Band41	10MHz	16QAM	40620	50RB#0	21.62	20.62	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.61	20.61	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.43	20.43	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.38	20.38	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#25	21.29	20.29	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#0	21.31	20.31	33.00	PASS
Band41	10MHz	16QAM	41540	25RB#12	21.23	20.23	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	21.24	20.24	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.32	20.32	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	21.46	20.46	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	21.18	20.18	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#12	21.44	20.44	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#0	21.26	20.26	33.00	PASS
Band41	10MHz	64QAM	39700	25RB#25	21.20	20.20	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	21.24	20.24	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.15	20.15	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.34	20.34	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.24	20.24	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#0	21.41	20.41	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#25	21.34	20.34	33.00	PASS
Band41	10MHz	64QAM	40620	25RB#12	21.32	20.32	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	21.46	20.46	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	21.35	20.35	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	21.40	20.40	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	21.40	20.40	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#0	21.32	20.32	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#12	21.31	20.31	33.00	PASS
Band41	10MHz	64QAM	41540	25RB#25	21.30	20.30	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	21.45	20.45	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.56	20.56	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.56	20.56	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.50	20.50	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#39	21.79	20.79	33.00	PASS



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Band41	15MHz	QPSK	39725	36RB#18	21.74	20.74	33.00	PASS
Band41	15MHz	QPSK	39725	36RB#0	21.78	20.78	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	22.03	21.03	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.48	20.48	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.39	20.39	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.66	20.66	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#0	21.60	20.60	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#18	21.69	20.69	33.00	PASS
Band41	15MHz	QPSK	40620	36RB#39	21.53	20.53	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.93	20.93	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.40	20.40	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.46	20.46	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.12	20.12	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#0	21.30	20.30	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#18	21.40	20.40	33.00	PASS
Band41	15MHz	QPSK	41515	36RB#39	21.29	20.29	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.27	20.27	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.99	20.99	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	21.79	20.79	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.73	20.73	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#0	21.81	20.81	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#18	21.75	20.75	33.00	PASS
Band41	15MHz	16QAM	39725	36RB#39	21.71	20.71	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	21.78	20.78	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.00	21.00	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.76	20.76	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.53	20.53	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#39	21.54	20.54	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#0	21.75	20.75	33.00	PASS
Band41	15MHz	16QAM	40620	36RB#18	21.61	20.61	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.66	20.66	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.65	20.65	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.47	20.47	33.00	PASS





Band41	15MHz	16QAM	41515	1RB#74	21.42	20.42	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#18	21.33	20.33	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#0	21.35	20.35	33.00	PASS
Band41	15MHz	16QAM	41515	36RB#39	21.27	20.27	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	21.22	20.22	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	21.43	20.43	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.31	20.31	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	21.32	20.32	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#0	21.15	20.15	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#39	21.45	20.45	33.00	PASS
Band41	15MHz	64QAM	39725	36RB#18	21.21	20.21	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	21.28	20.28	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.23	20.23	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.41	20.41	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.38	20.38	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#0	21.23	20.23	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#18	21.24	20.24	33.00	PASS
Band41	15MHz	64QAM	40620	36RB#39	21.34	20.34	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	21.15	20.15	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	21.18	20.18	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	21.46	20.46	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	21.14	20.14	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#0	21.35	20.35	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#18	21.29	20.29	33.00	PASS
Band41	15MHz	64QAM	41515	36RB#39	21.32	20.32	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	21.14	20.14	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.70	20.70	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.61	20.61	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.58	20.58	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.80	20.80	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.81	20.81	33.00	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.83	20.83	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.82	20.82	33.00	PASS



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Band41	20MHz	QPSK	40620	1RB#99	21.55	20.55	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.44	20.44	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.71	20.71	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.65	20.65	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.84	20.84	33.00	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.58	20.58	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.98	20.98	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.45	20.45	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.62	20.62	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.17	20.17	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#25	21.35	20.35	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.46	20.46	33.00	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.34	20.34	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.32	20.32	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.63	20.63	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.89	20.89	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.82	20.82	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#50	21.90	20.90	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#0	21.78	20.78	33.00	PASS
Band41	20MHz	16QAM	39750	50RB#25	21.80	20.80	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	21.87	20.87	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.54	20.54	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.85	20.85	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.62	20.62	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#0	21.63	20.63	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#25	21.84	20.84	33.00	PASS
Band41	20MHz	16QAM	40620	50RB#50	21.70	20.70	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.75	20.75	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.74	20.74	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.56	20.56	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.51	20.51	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#0	21.42	20.42	33.00	PASS
Band41	20MHz	16QAM	41490	50RB#50	21.50	20.50	33.00	PASS



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Band41	20MHz	16QAM	41490	50RB#25	21.36	20.36	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	21.31	20.31	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.40	20.40	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	21.15	20.15	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	21.17	20.17	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#0	21.36	20.36	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#25	21.35	20.35	33.00	PASS
Band41	20MHz	64QAM	39750	50RB#50	21.25	20.25	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	21.39	20.39	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.26	20.26	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.41	20.41	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.37	20.37	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#0	21.39	20.39	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#25	21.35	20.35	33.00	PASS
Band41	20MHz	64QAM	40620	50RB#50	21.23	20.23	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	21.29	20.29	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.17	20.17	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	21.46	20.46	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	21.34	20.34	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#50	21.34	20.34	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#25	21.29	20.29	33.00	PASS
Band41	20MHz	64QAM	41490	50RB#0	21.14	20.14	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	21.33	20.33	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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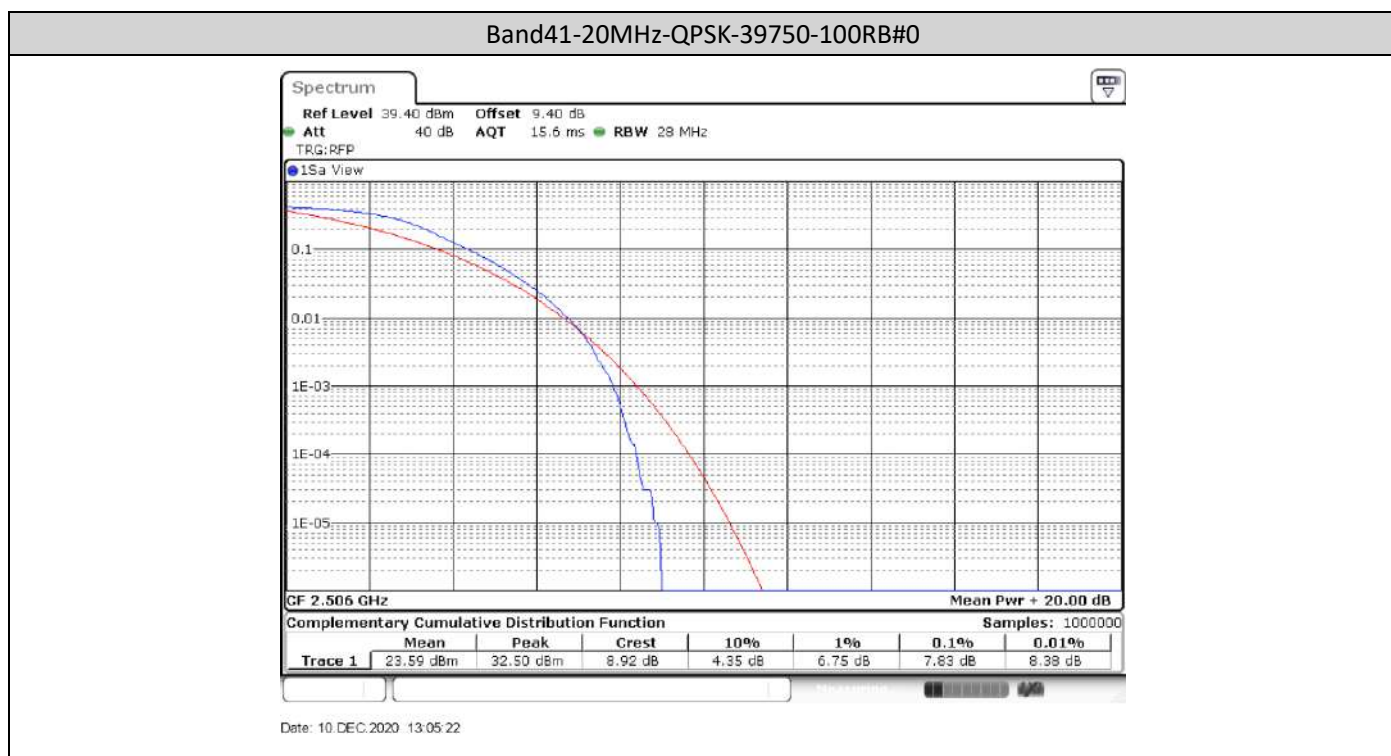


2. Peak-to-Average Ratio (CCDF)

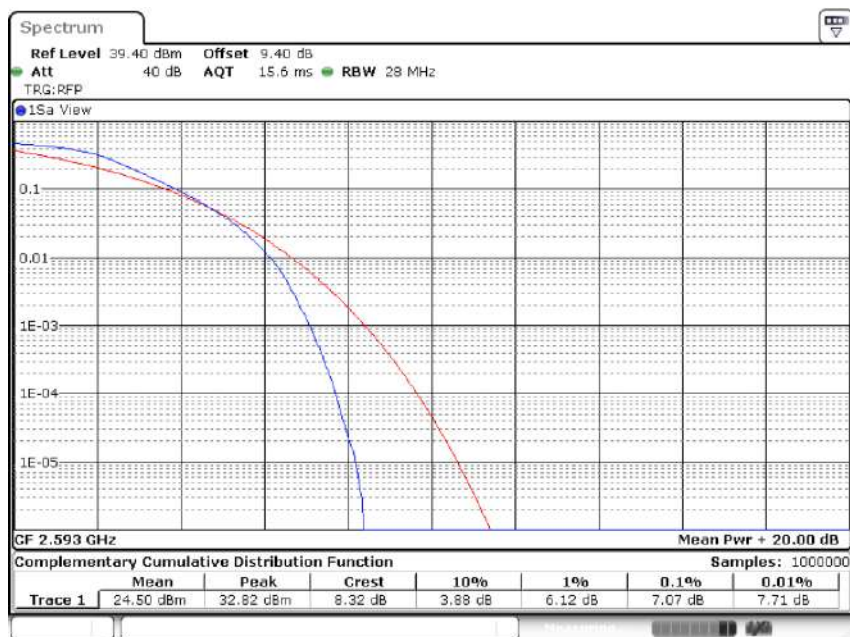
2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	7.83	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	7.07	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	6.70	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	6.75	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	8.32	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	8.23	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.26	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	7.86	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	7.42	13	PASS

2.2. Test Plots

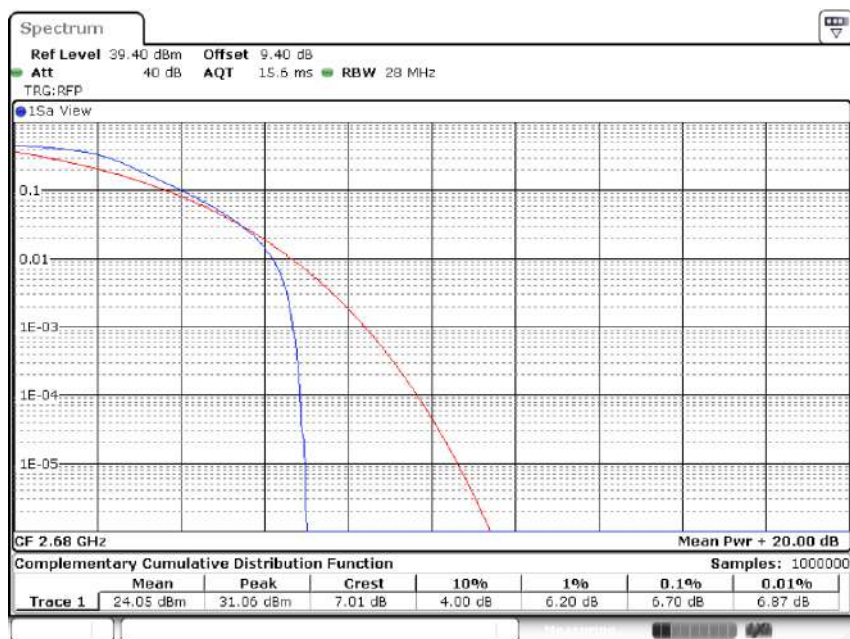


Band41-20MHz-QPSK-40620-100RB#0



Date: 10 DEC. 2020 13:05:45

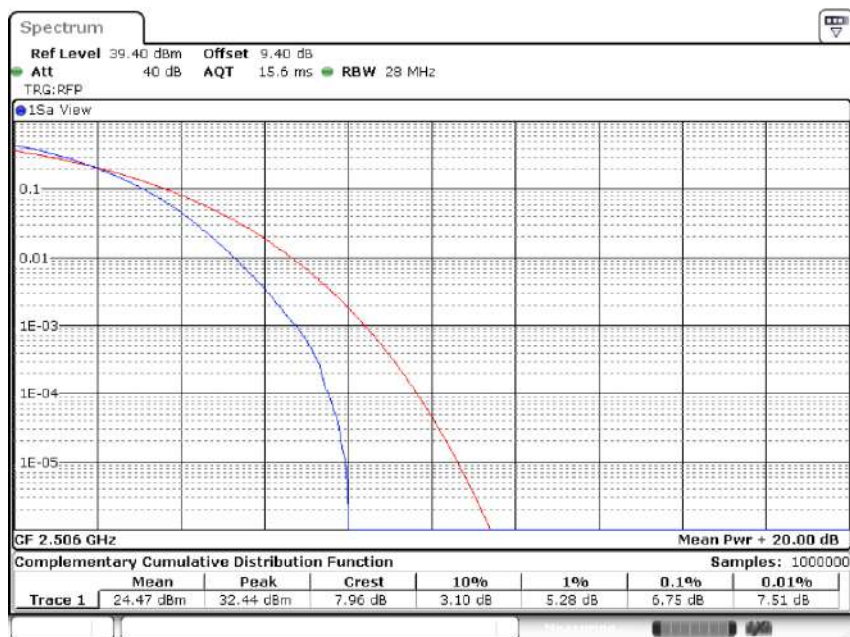
Band41-20MHz-QPSK-41490-100RB#0



Date: 10 DEC. 2020 13:06:08

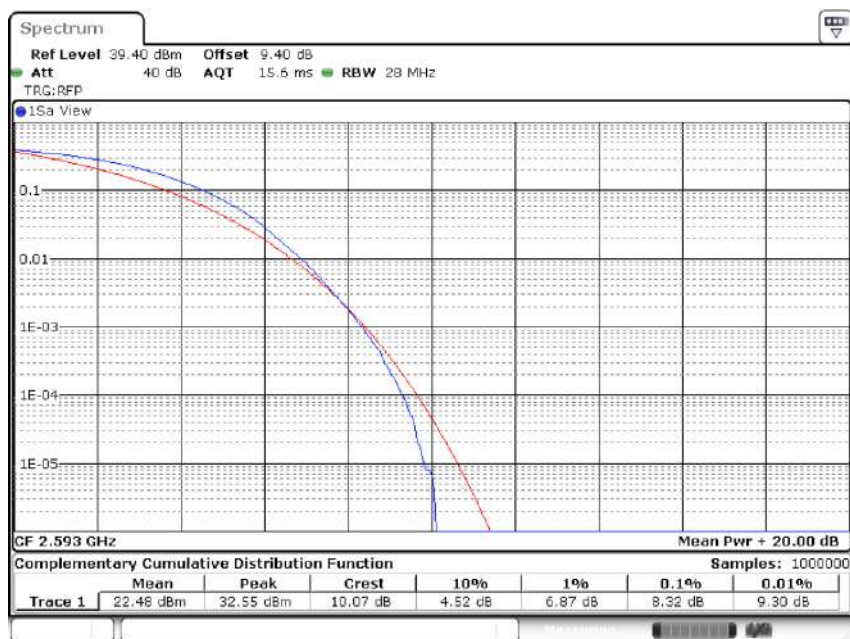


Band41-20MHz-64QAM-39750-100RB#0



Date: 10 DEC. 2020 13:31:45

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



Date: 10 DEC. 2020 13:31:56



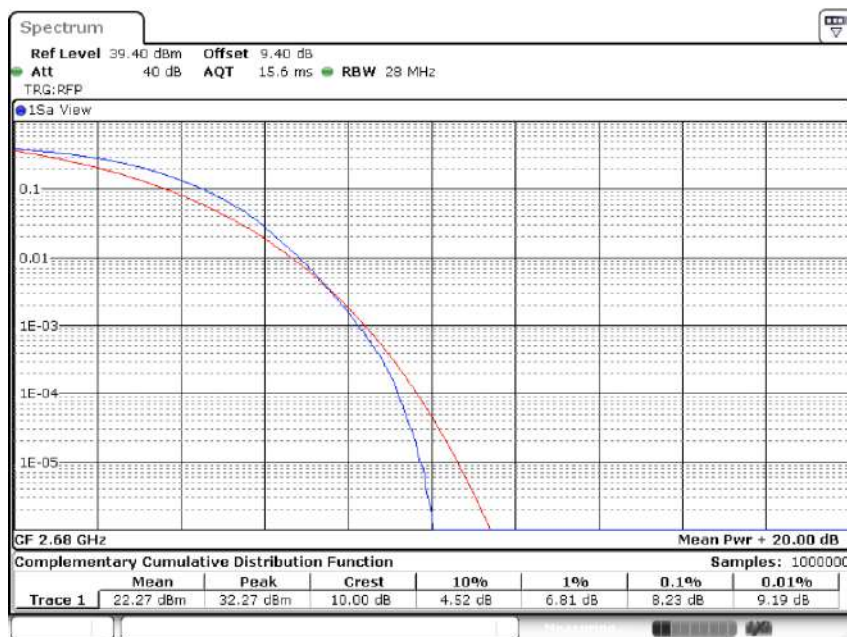
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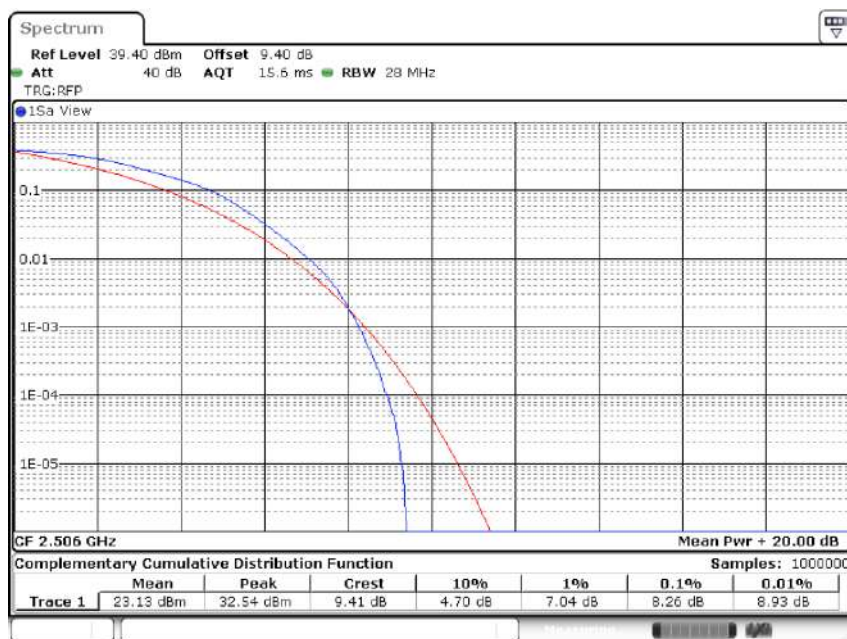
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Band41-20MHz-64QAM-41490-100RB#0



Date: 10 DEC. 2020 13:32:08

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



Date: 10 DEC. 2020 13:05:33



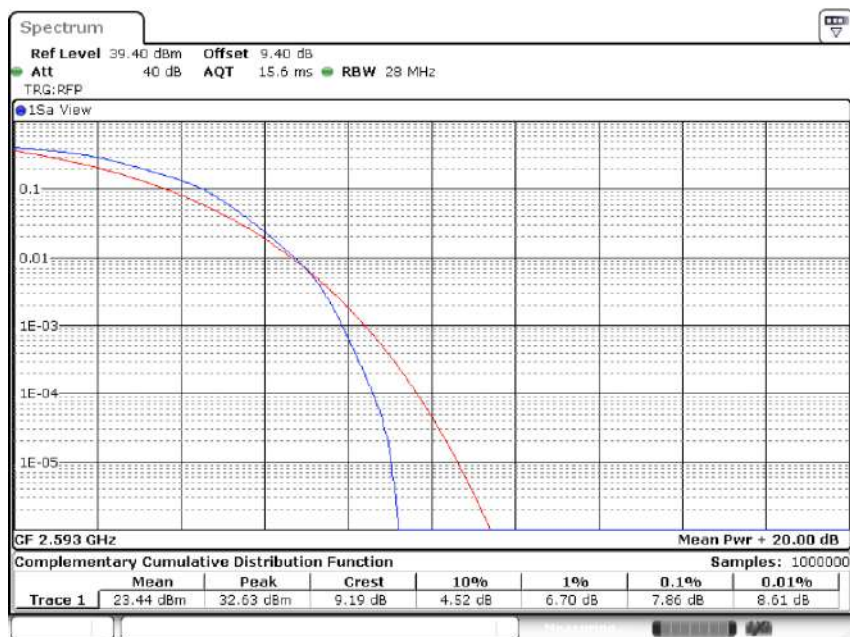
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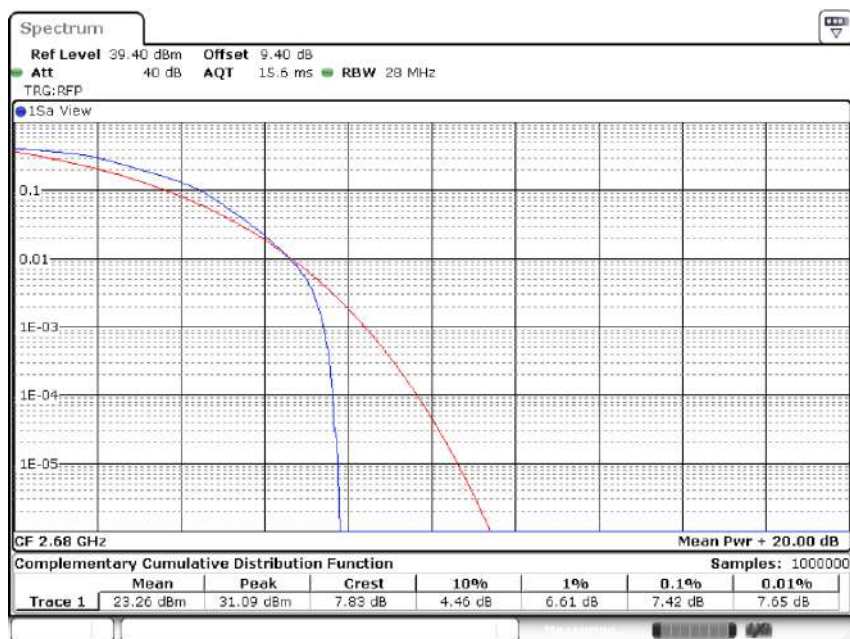
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Band41-20MHz-16QAM-40620-100RB#0



Date: 10 DEC. 2020 13:05:56

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



Date: 10 DEC. 2020 13:06:19

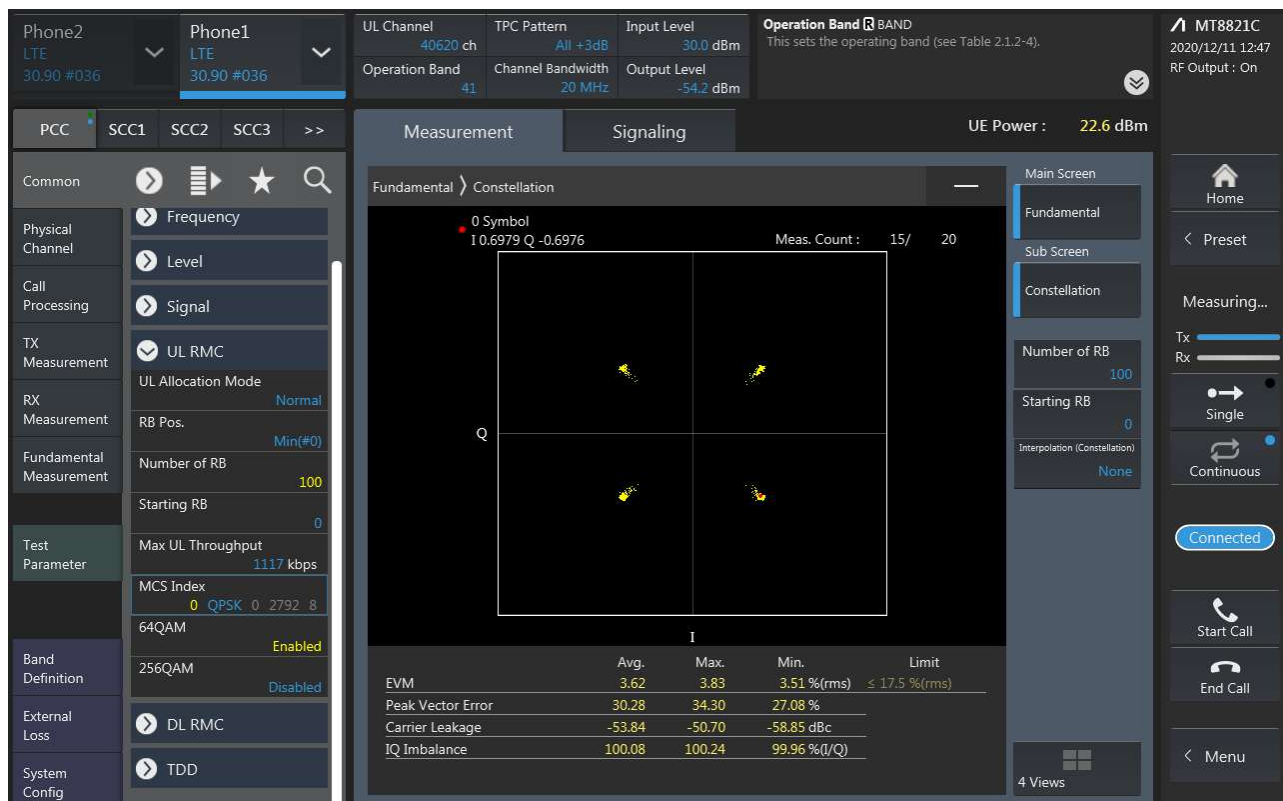




3. Modulation Characteristics

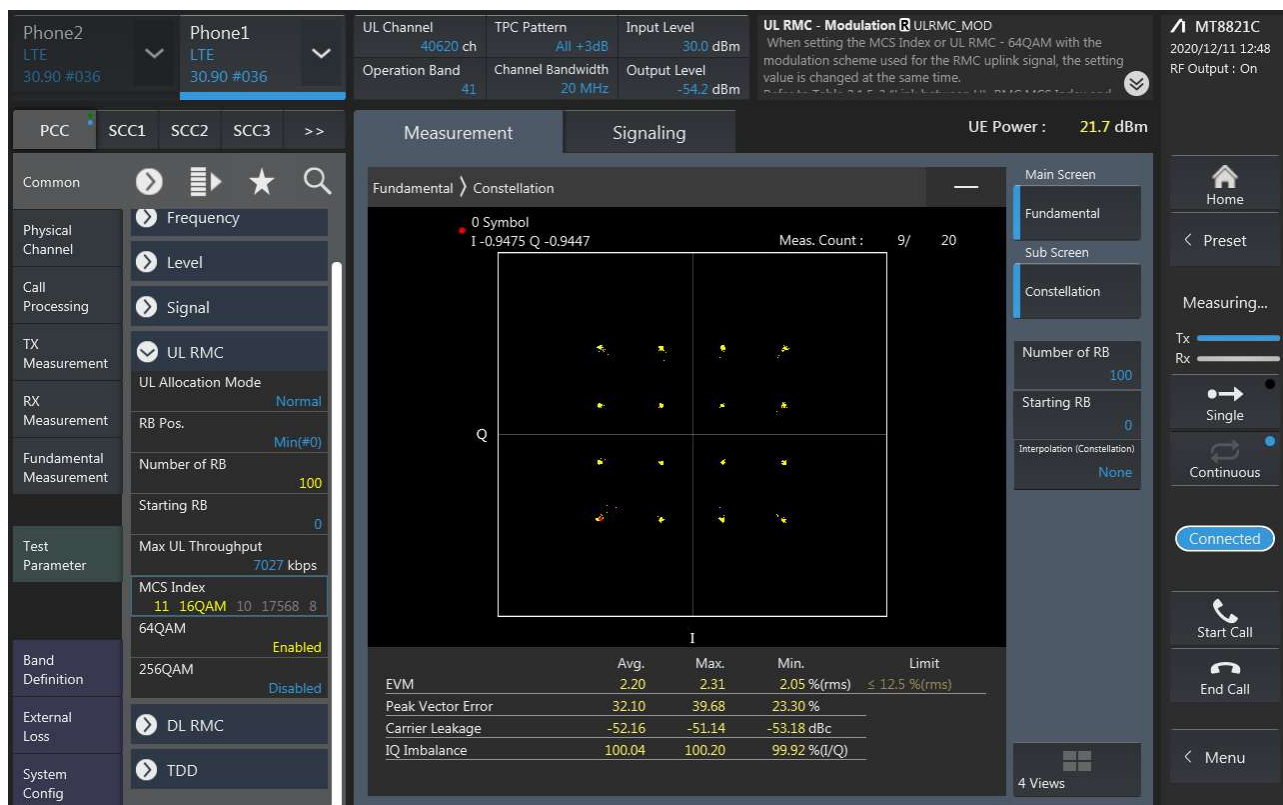
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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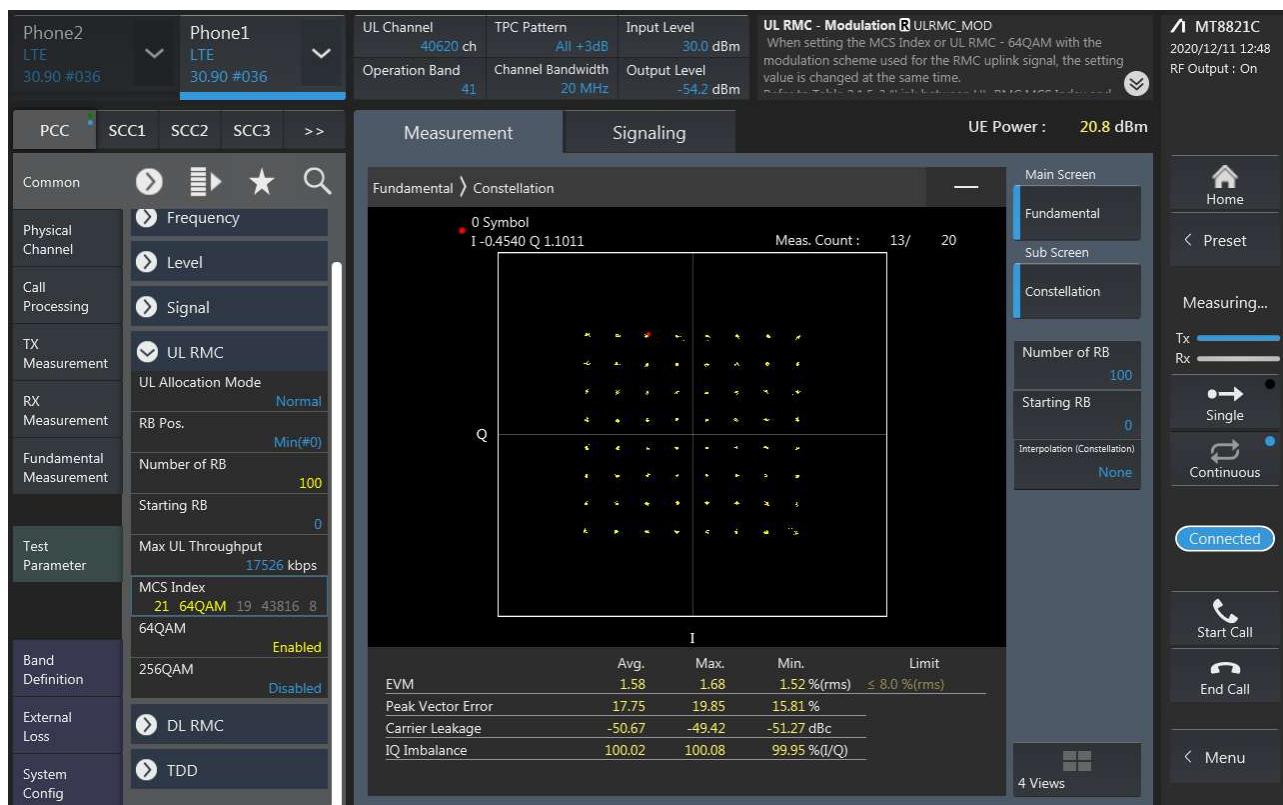
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3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH





4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.466	4.870	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.456	4.880	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.466	4.860	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.466	4.920	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.476	4.940	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.476	4.930	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.476	4.930	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.496	4.850	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.496	4.940	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.931	9.680	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.911	9.700	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.931	9.740	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.931	9.660	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.931	9.680	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.931	9.660	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.931	9.620	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.911	9.660	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.911	9.660	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.457	14.730	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.457	14.730	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.487	14.700	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.427	14.700	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.427	14.760	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.427	14.730	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.427	14.640	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.427	14.700	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.487	14.670	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.902	19.400	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.862	19.400	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.902	19.360	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.862	19.440	PASS



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Band41	20MHz	64QAM	40620	100RB#0	17.862	19.440	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.902	19.400	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.862	19.280	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.862	19.280	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.440	PASS

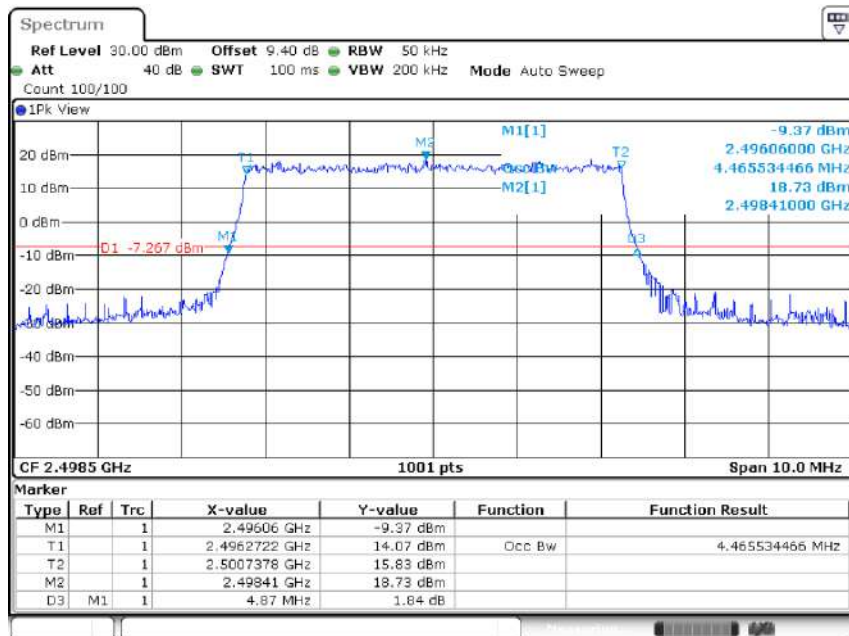


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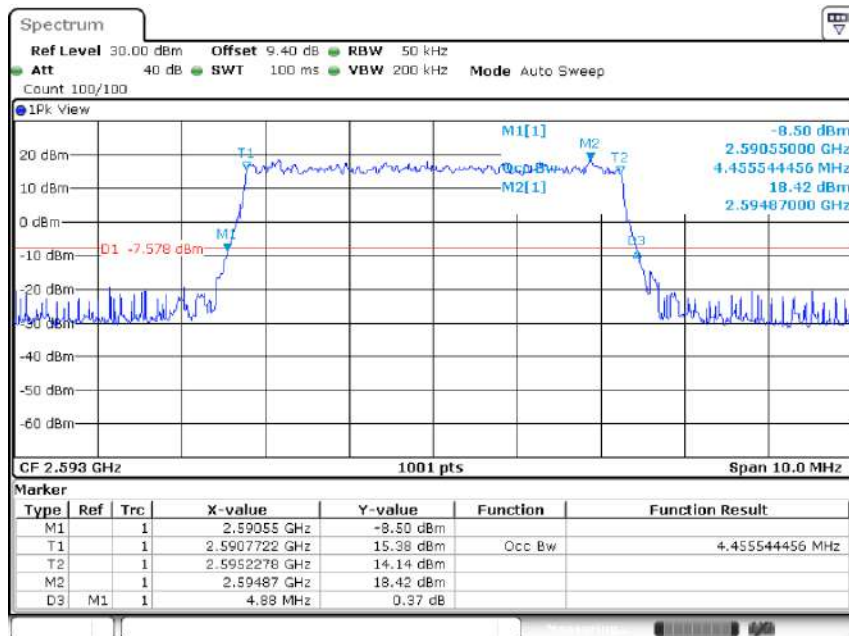
4.2. Test Plots

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



Date: 10 DEC 2020 12:43:03

Band41-5MHz-QPSK-40620-25RB#0-4.456



Date: 10 DEC 2020 12:43:43



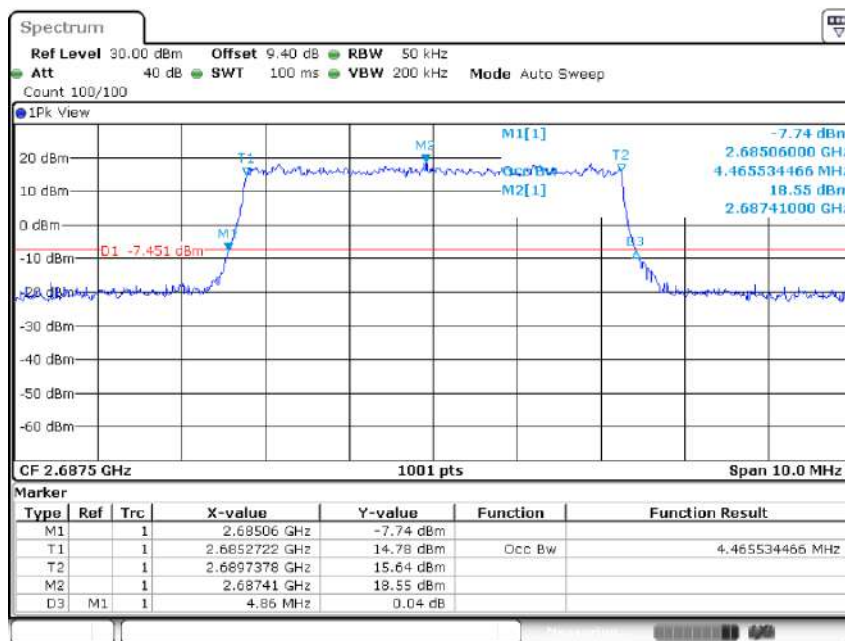
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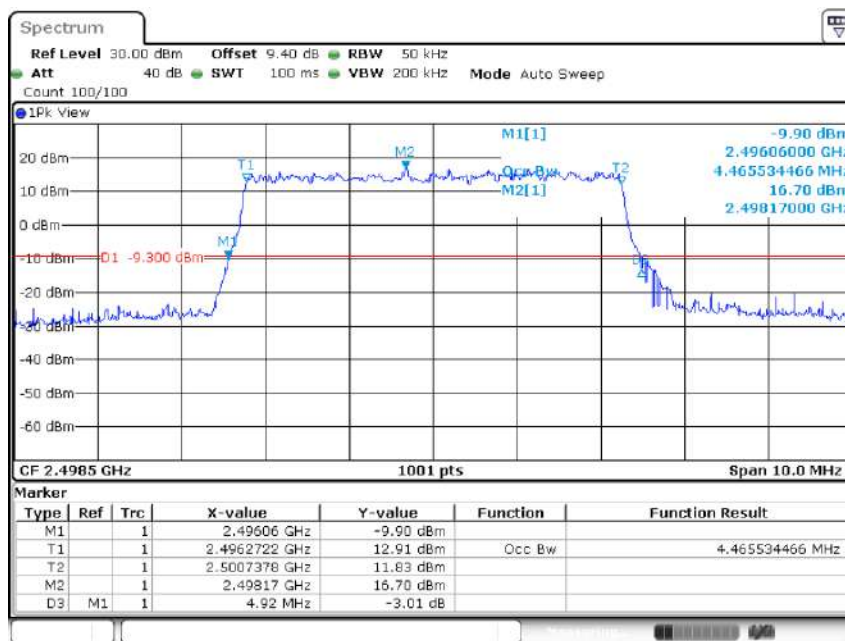
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Band41-5MHz-QPSK-41565-25RB#0-4.466



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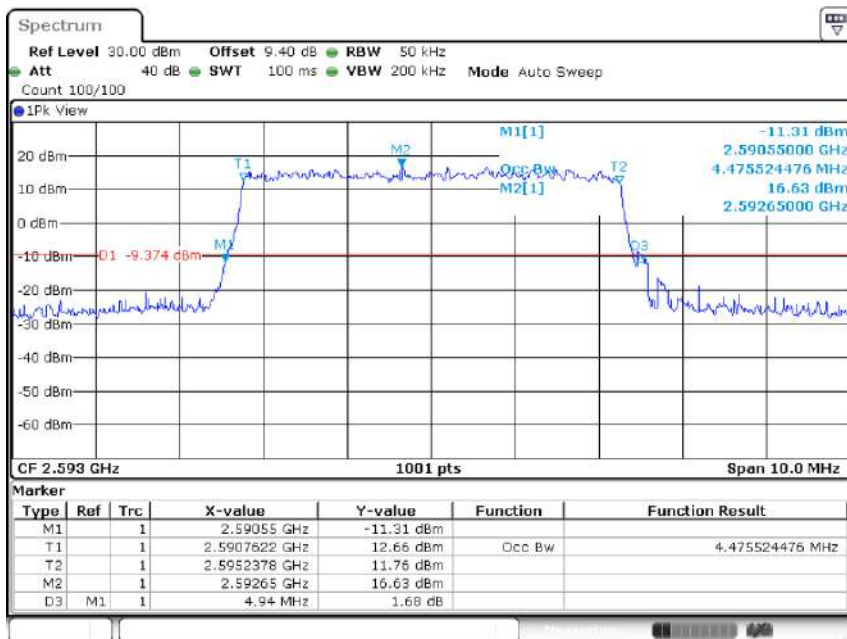
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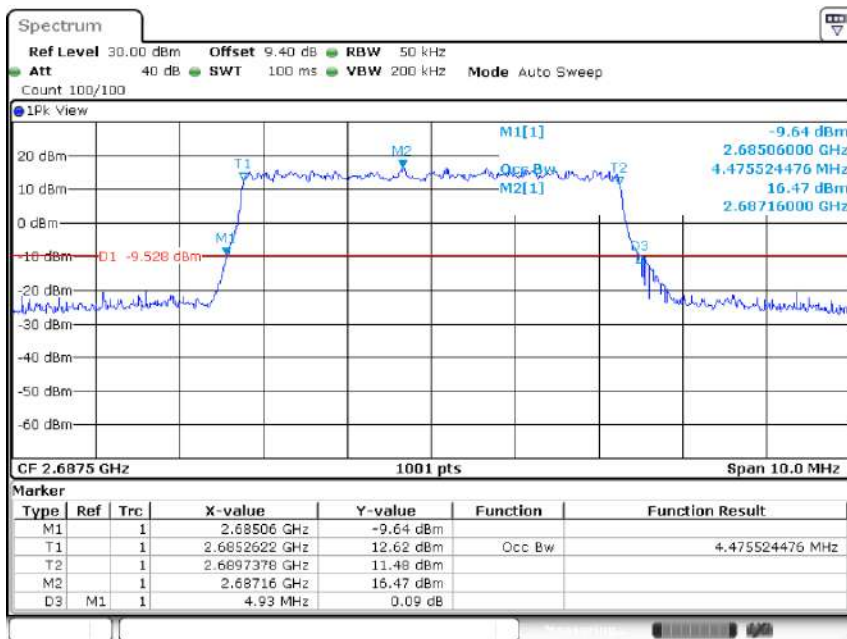


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Date: 10 DEC. 2020 13:20:00

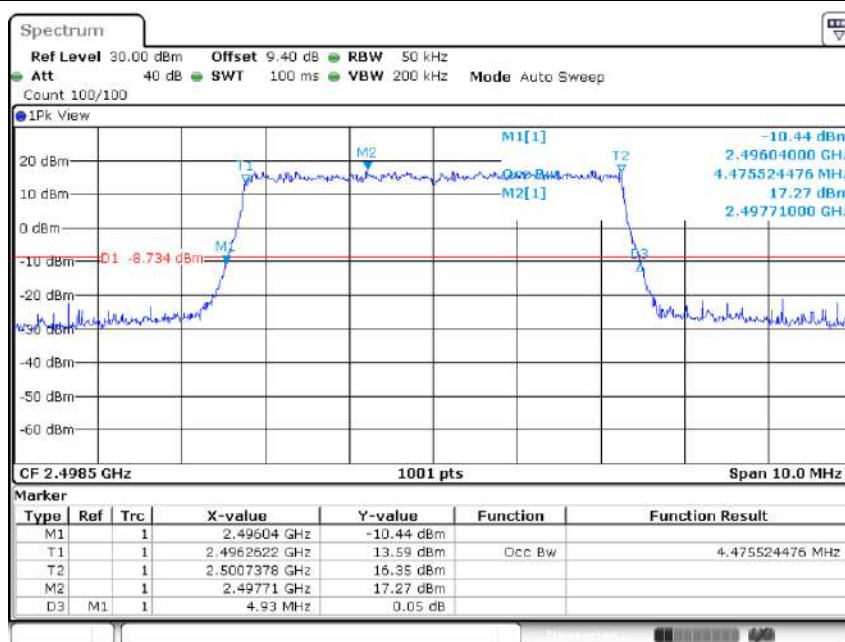
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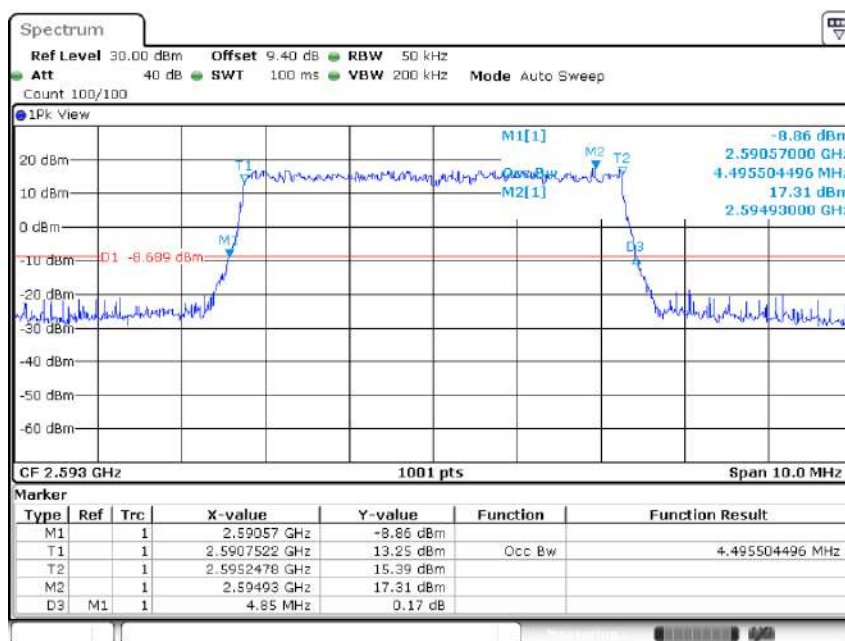


Band41-5MHz-16QAM-39675-25RB#0-4.476



Date: 10 DEC. 2020 12:43:23

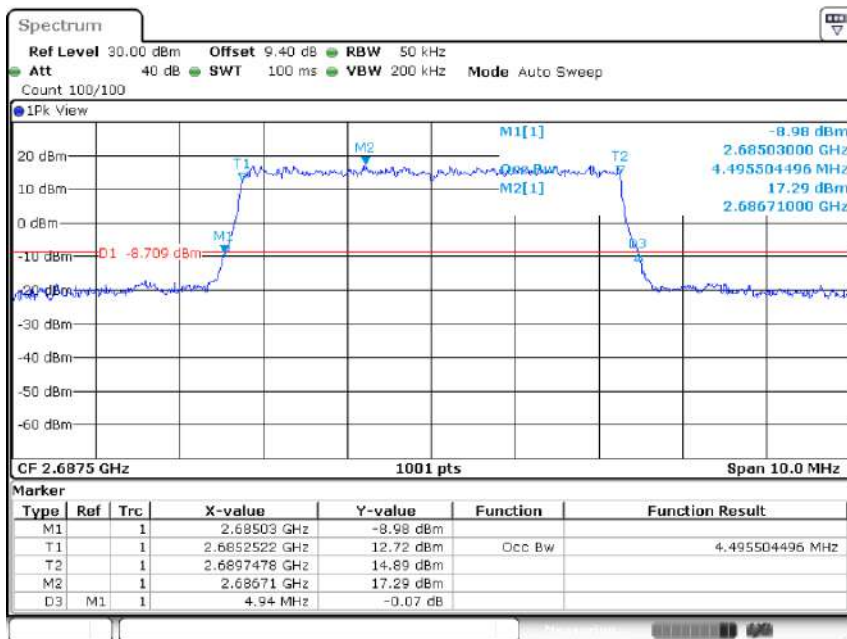
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Date: 10 DEC. 2020 12:44:03

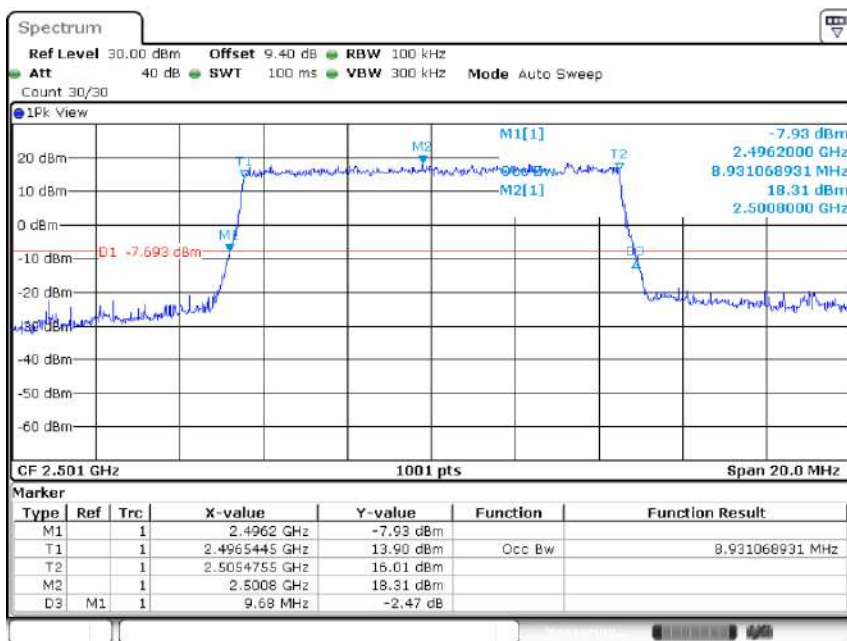


Band41-5MHz-16QAM-41565-25RB#0-4.496



Date: 10 DEC. 2020 12:44:43

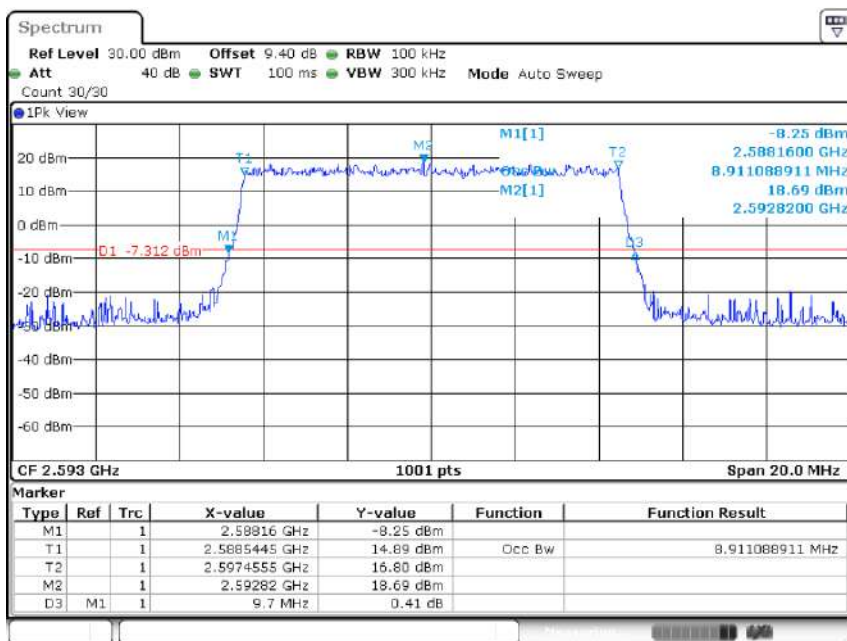
Band41-10MHz-QPSK-39700-50RB#0-8.931



Date: 10 DEC. 2020 12:45:02

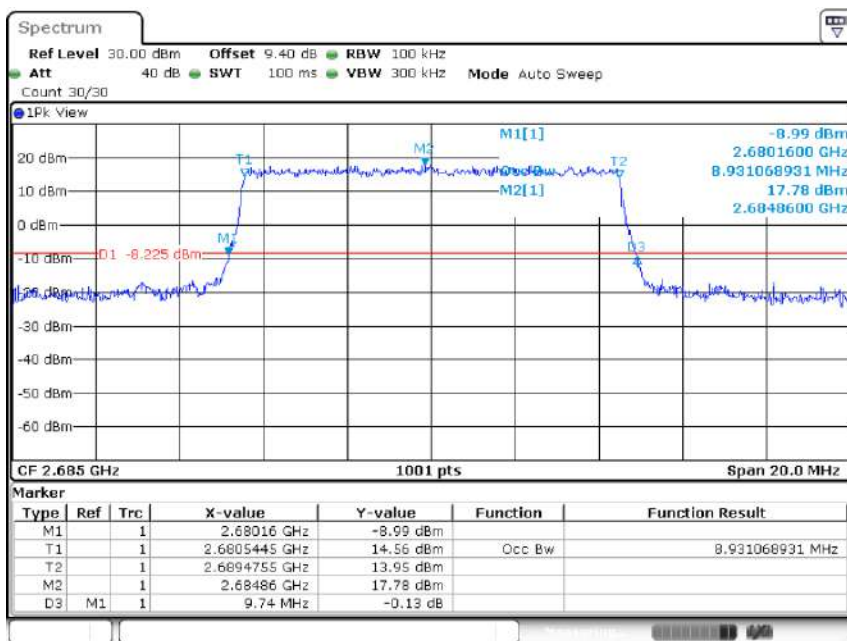


Band41-10MHz-QPSK-40620-50RB#0-8.911



Date: 10.DEC.2020 12:45:27

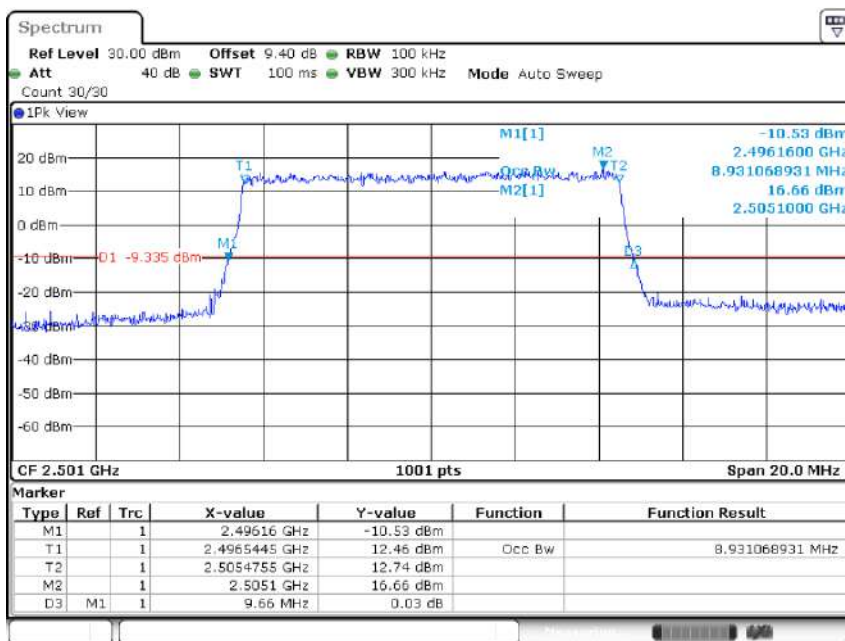
Band41-10MHz-QPSK-41540-50RB#0-8.931



Date: 10.DEC.2020 12:45:53

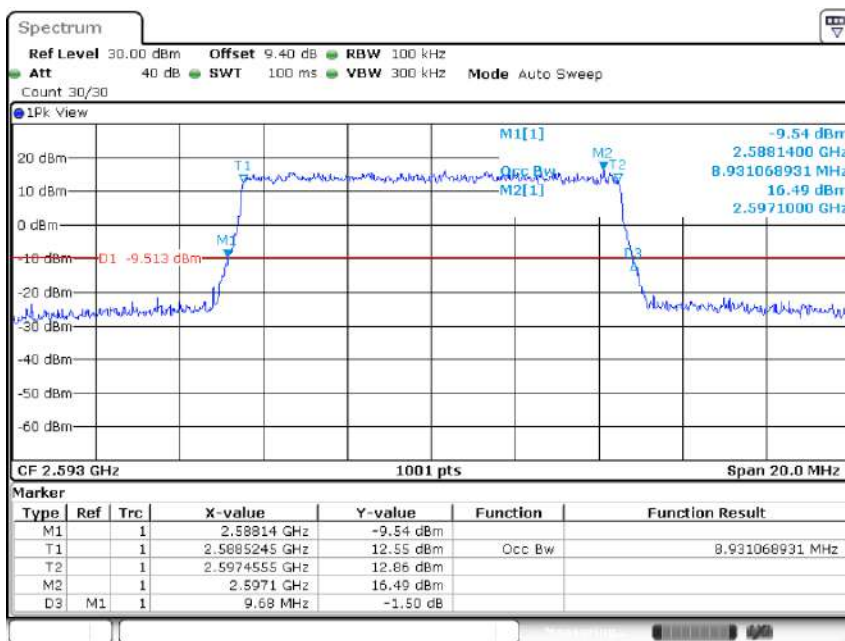


Band41-10MHz-64QAM-39700-50RB#0-8.931



Date: 10 DEC. 2020 13:20:39

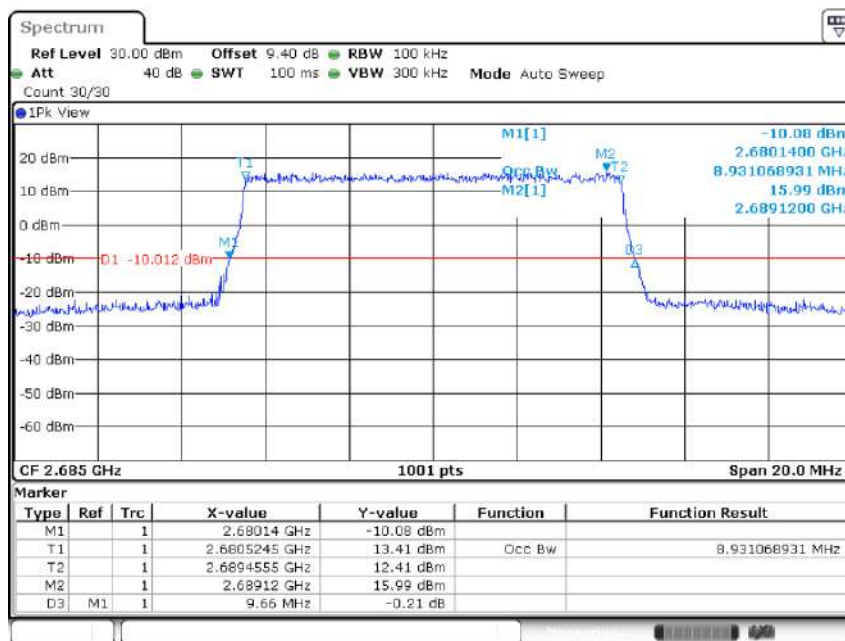
Band41-10MHz-64QAM-40620-50RB#0-8.931



Date: 10 DEC. 2020 13:20:52

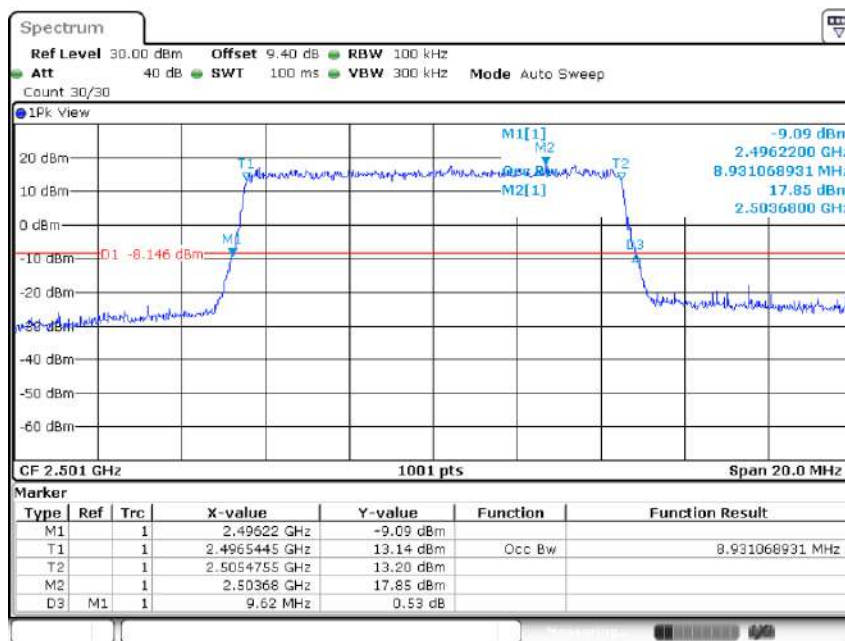


Band41-10MHz-64QAM-41540-50RB#0-8.931



Date: 10 DEC. 2020 13:21:05

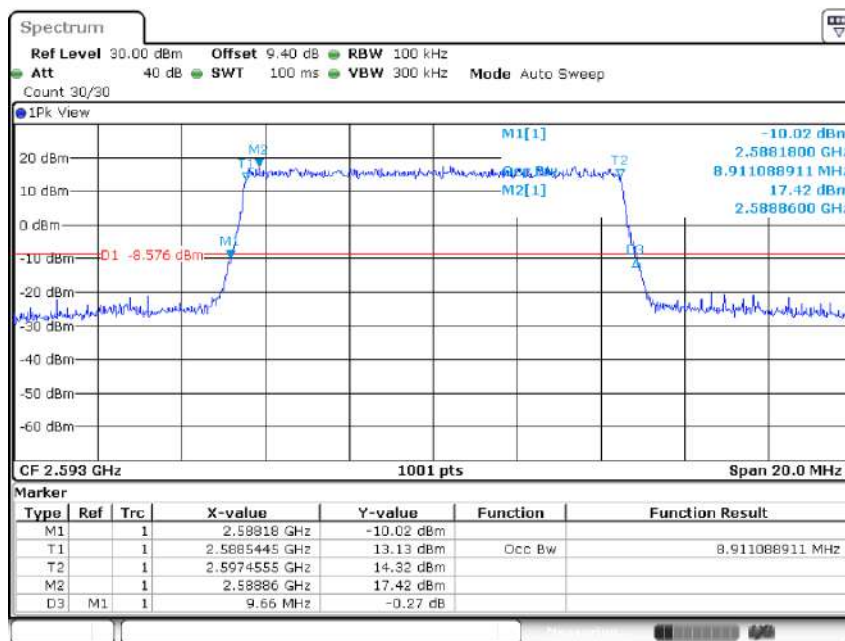
Band41-10MHz-16QAM-39700-50RB#0-8.931



Date: 10 DEC. 2020 12:45:14

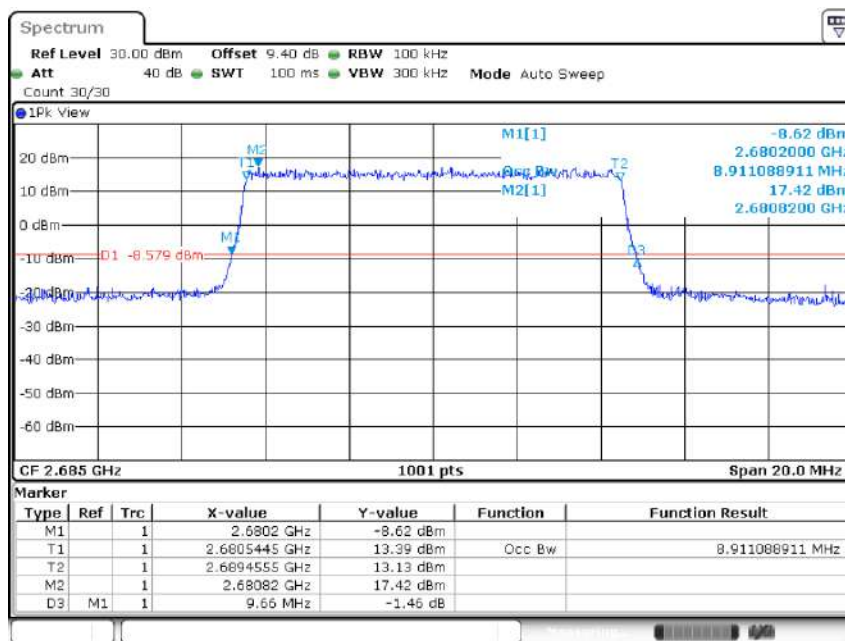


Band41-10MHz-16QAM-40620-50RB#0-8.911



Date: 10 DEC. 2020 12:45:40

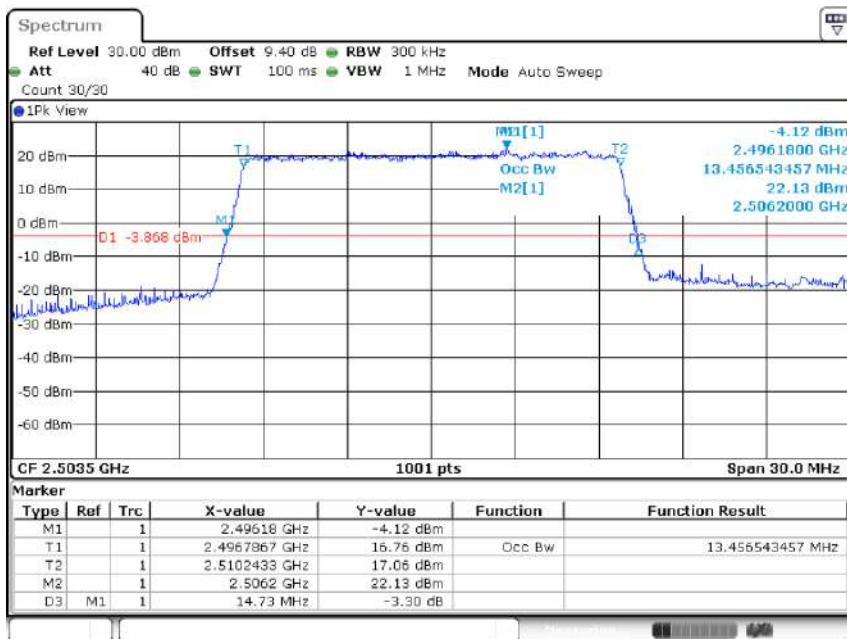
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Date: 10 DEC. 2020 12:46:06

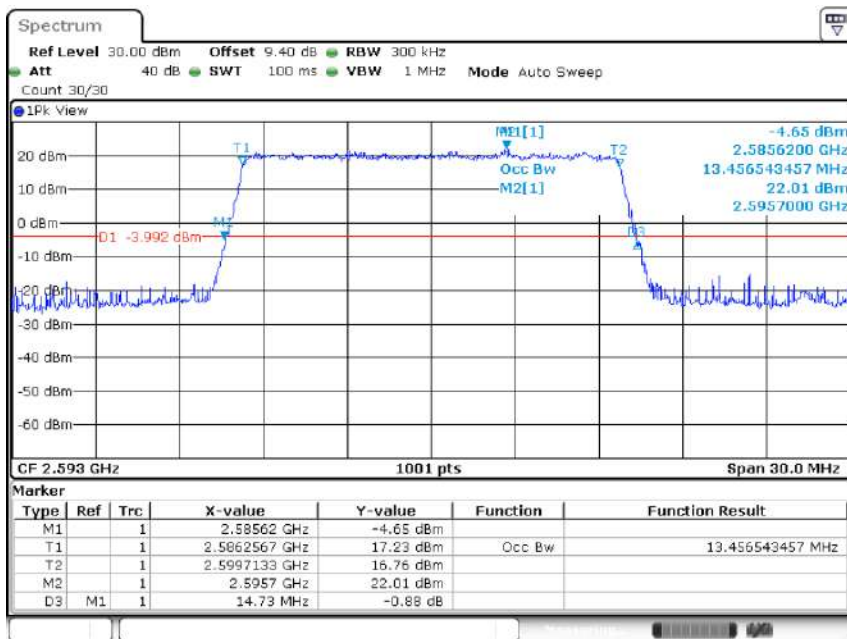


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Date: 10 DEC. 2020 12:46:24

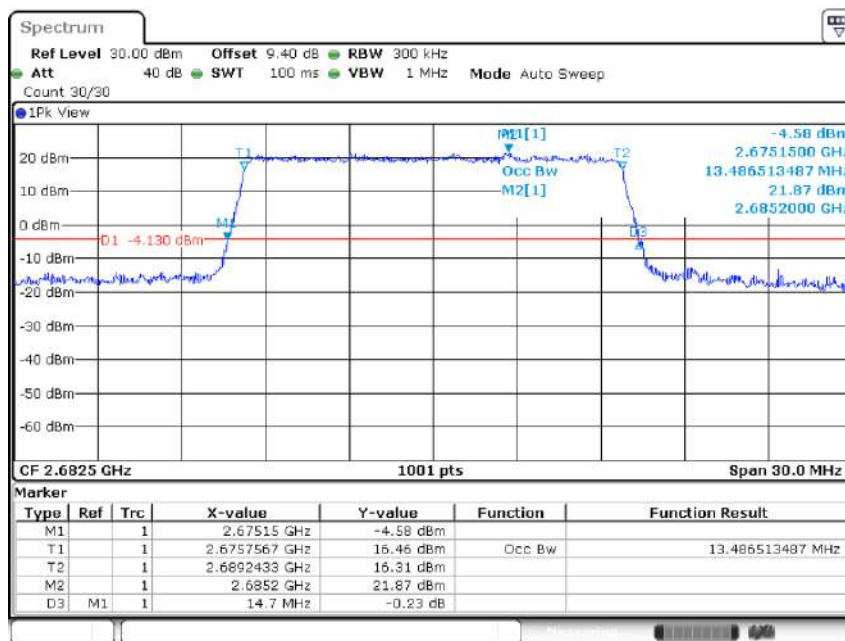
Band41-15MHz-QPSK-40620-75RB#0-13.457



Date: 10 DEC. 2020 12:46:50

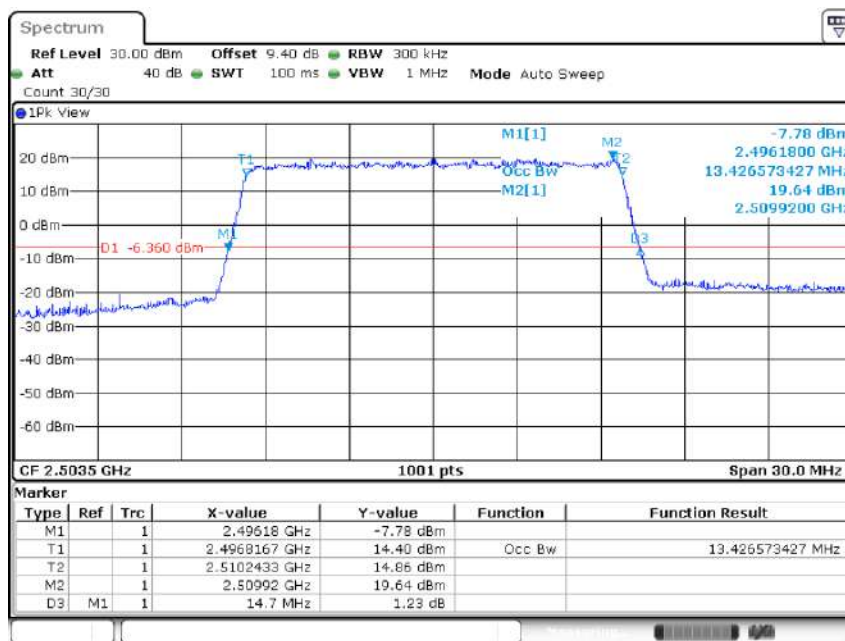


Band41-15MHz-QPSK-41515-75RB#0-13.487



Date: 10 DEC. 2020 12:47:16

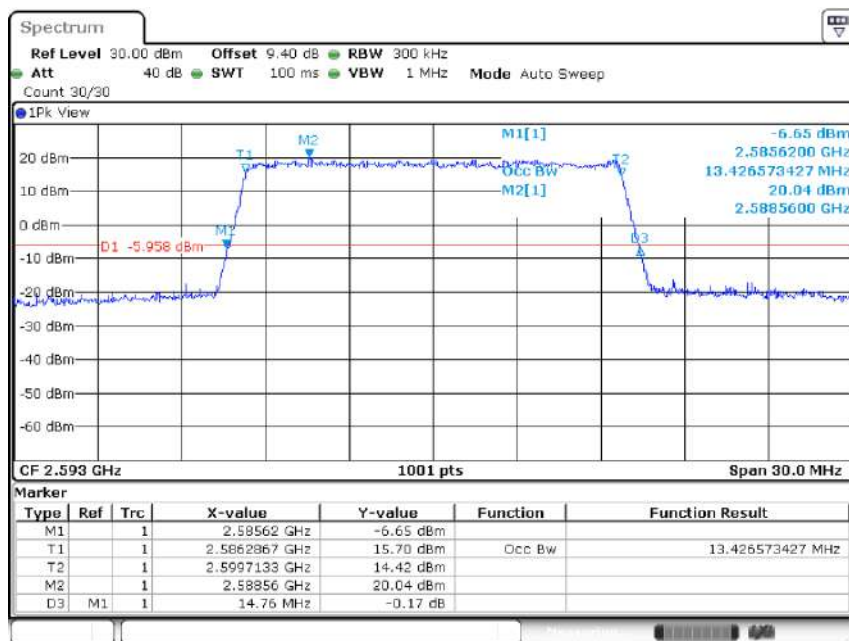
Band41-15MHz-64QAM-39725-75RB#0-13.427



Date: 10 DEC. 2020 13:21:25

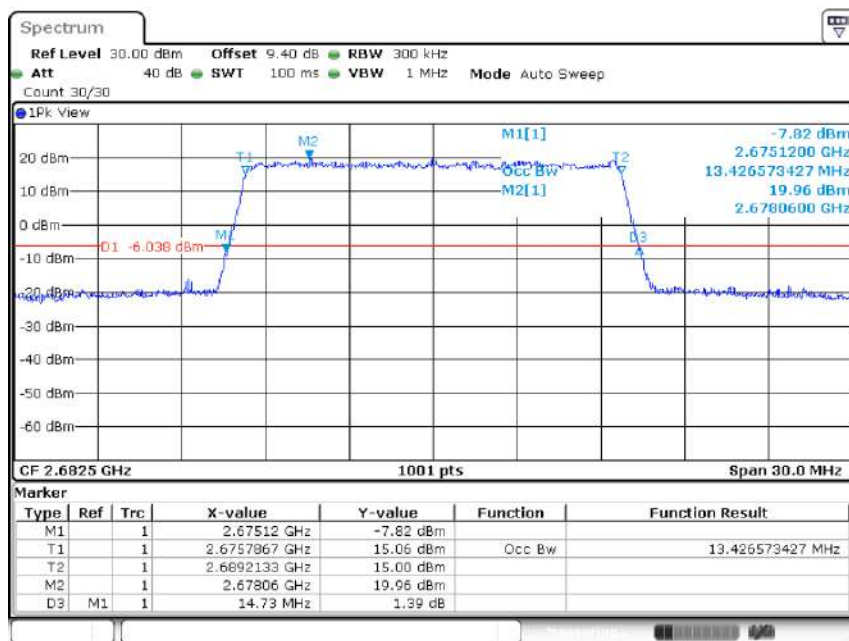


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Date: 10 DEC. 2020 13:21:38

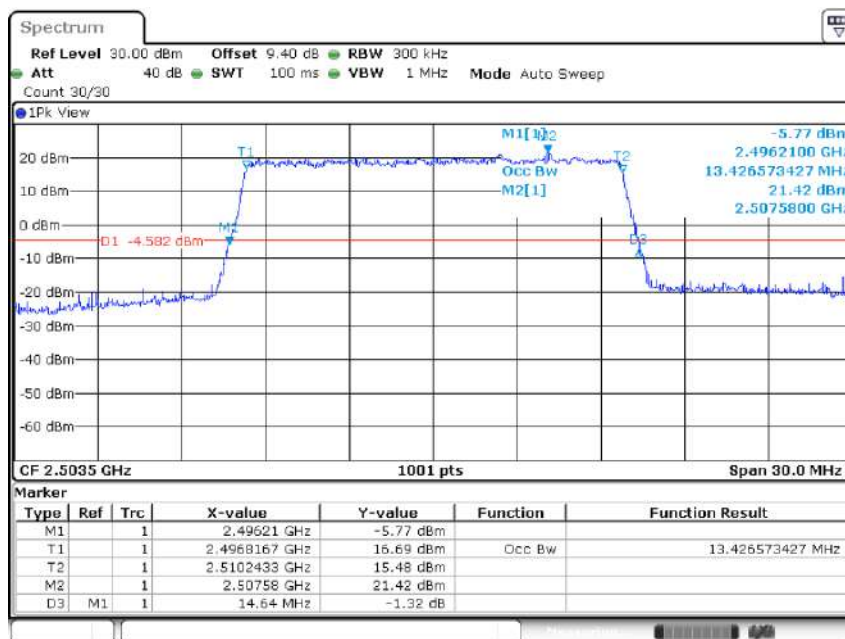
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Date: 10 DEC. 2020 13:21:51

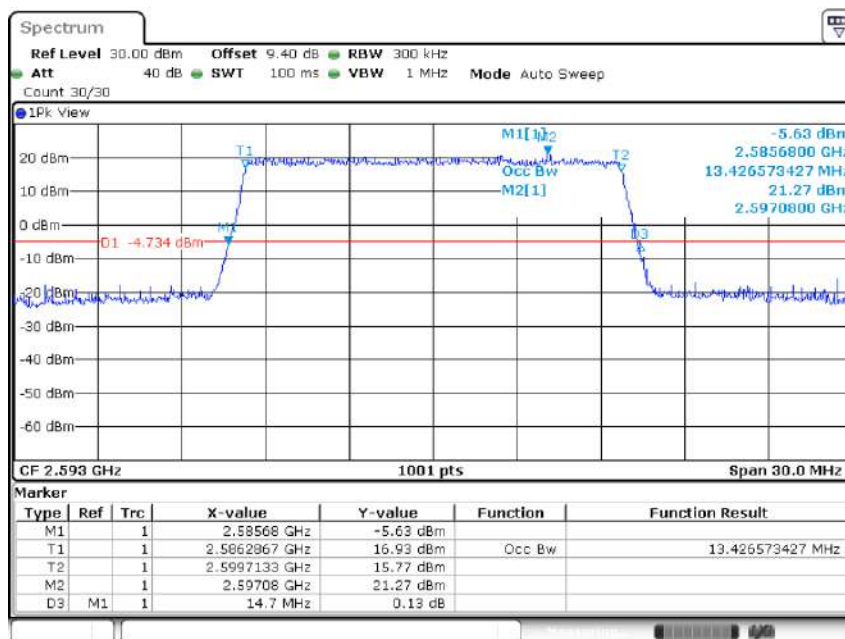


Band41-15MHz-16QAM-39725-75RB#0-13.427



Date: 10 DEC. 2020 12:46:37

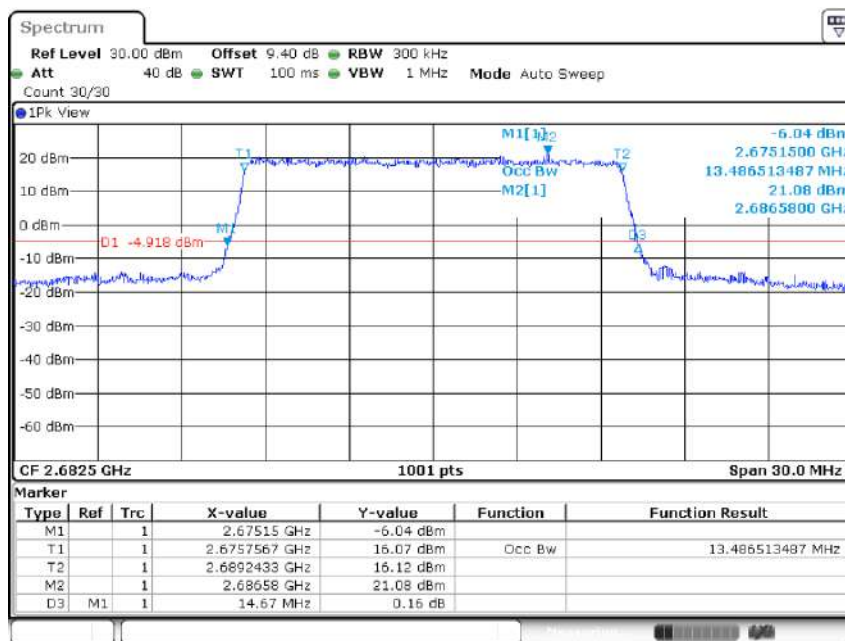
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Date: 10 DEC. 2020 12:47:03

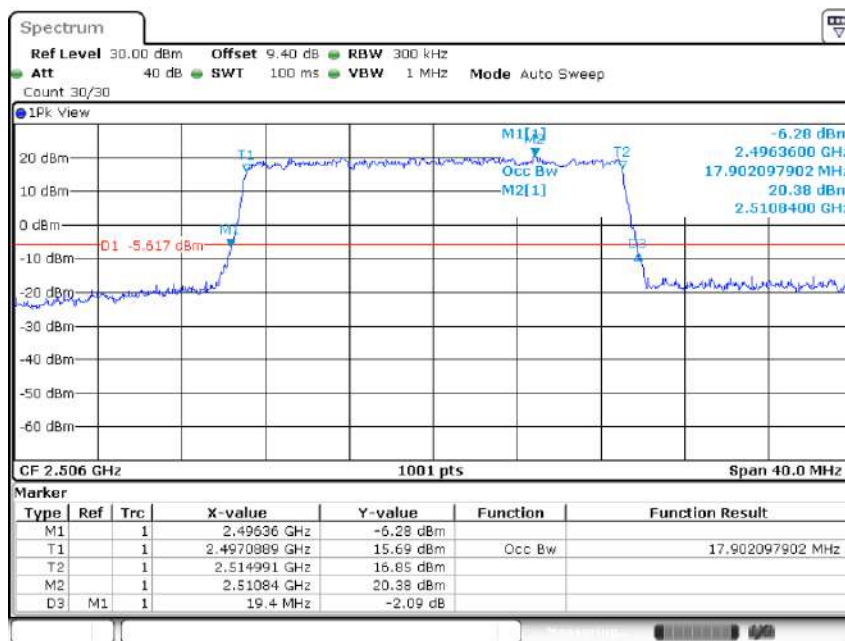


Band41-15MHz-16QAM-41515-75RB#0-13.487



Date: 10 DEC. 2020 12:47:29

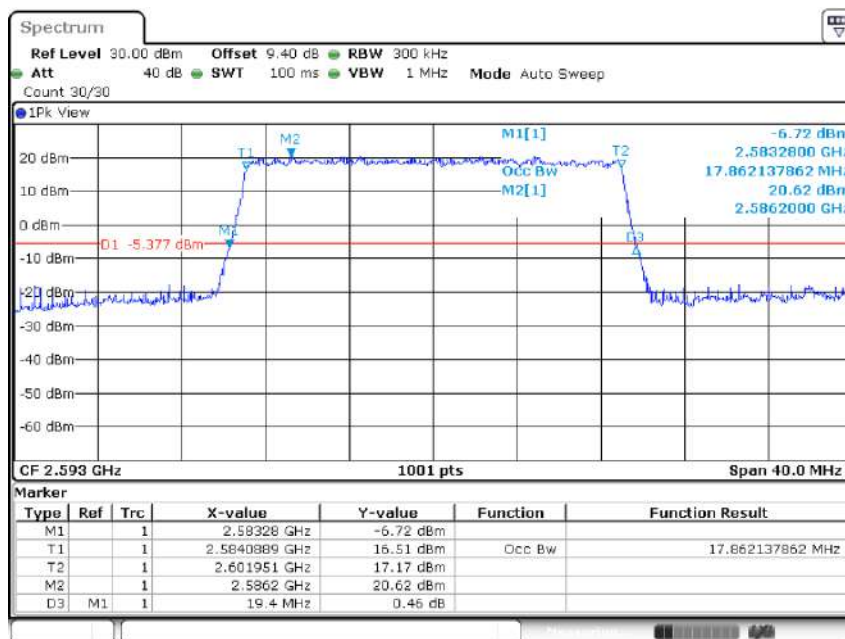
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Date: 10 DEC. 2020 12:47:47

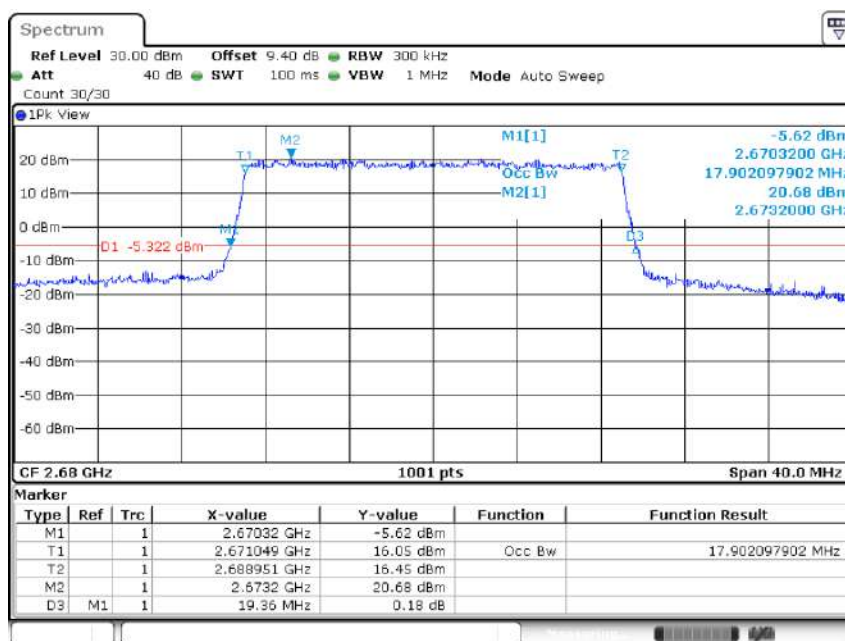


Band41-20MHz-QPSK-40620-100RB#0-17.862



Date: 10 DEC. 2020 12:48:13

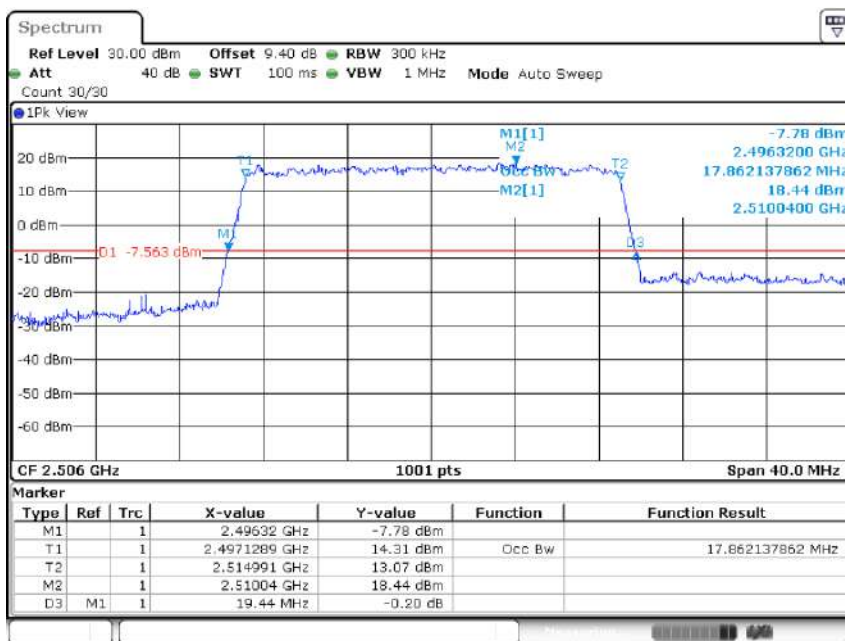
Band41-20MHz-QPSK-41490-100RB#0-17.902



Date: 10 DEC. 2020 12:48:39

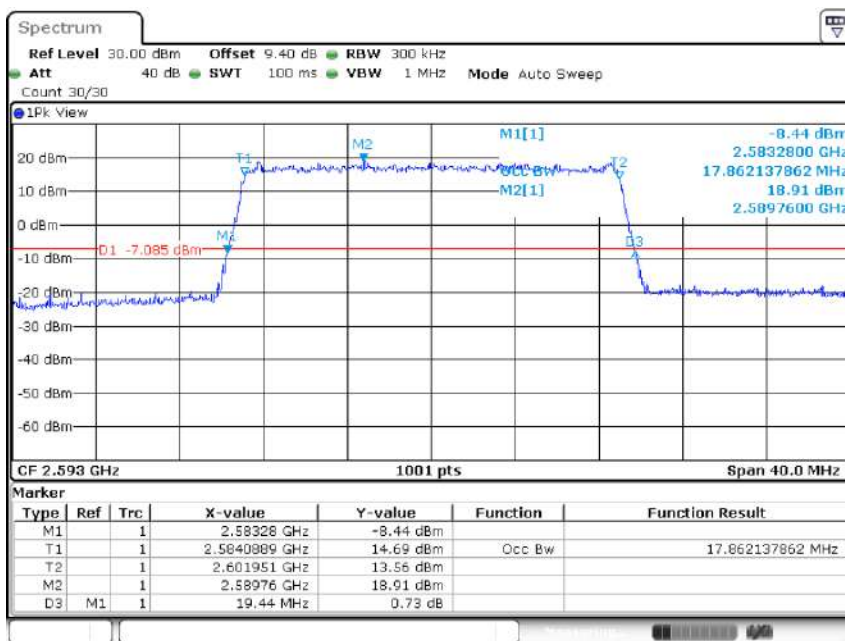


Band41-20MHz-64QAM-39750-100RB#0-17.862



Date: 10 DEC. 2020 13:22:11

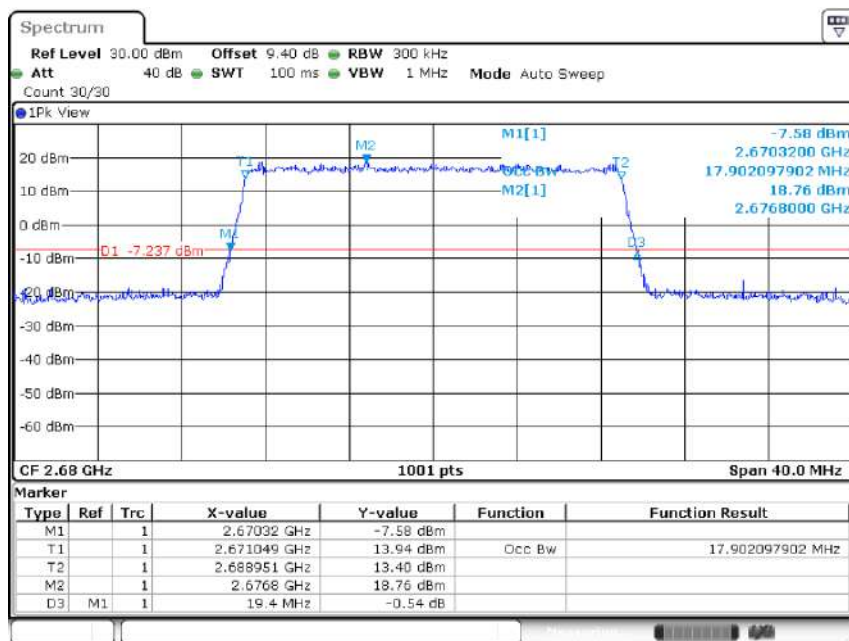
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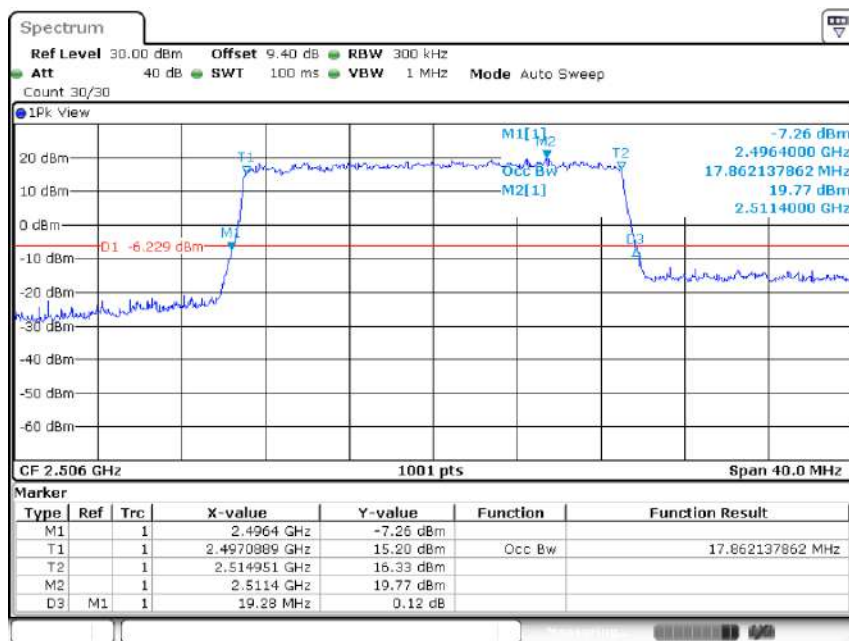


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Date: 10 DEC. 2020 13:22:36

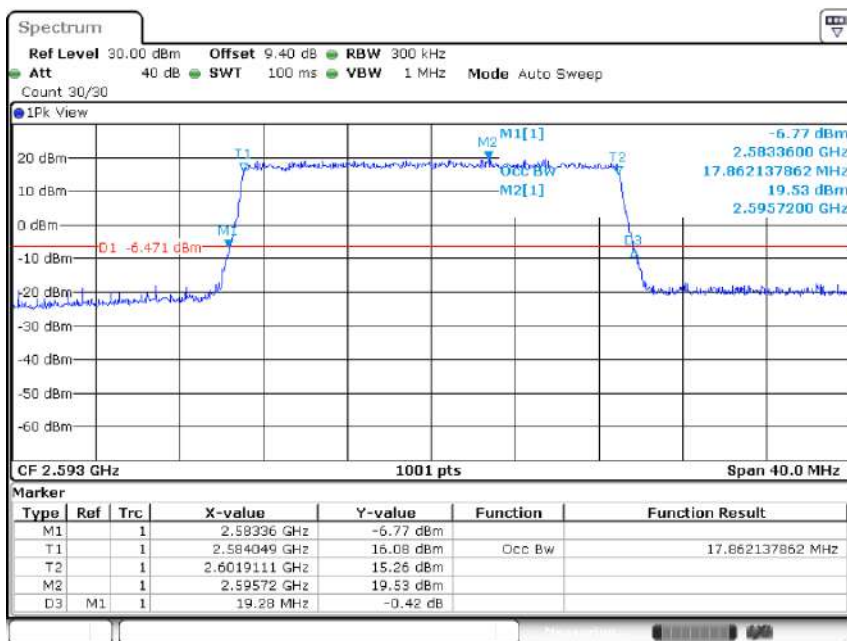
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Date: 10 DEC. 2020 12:48:00

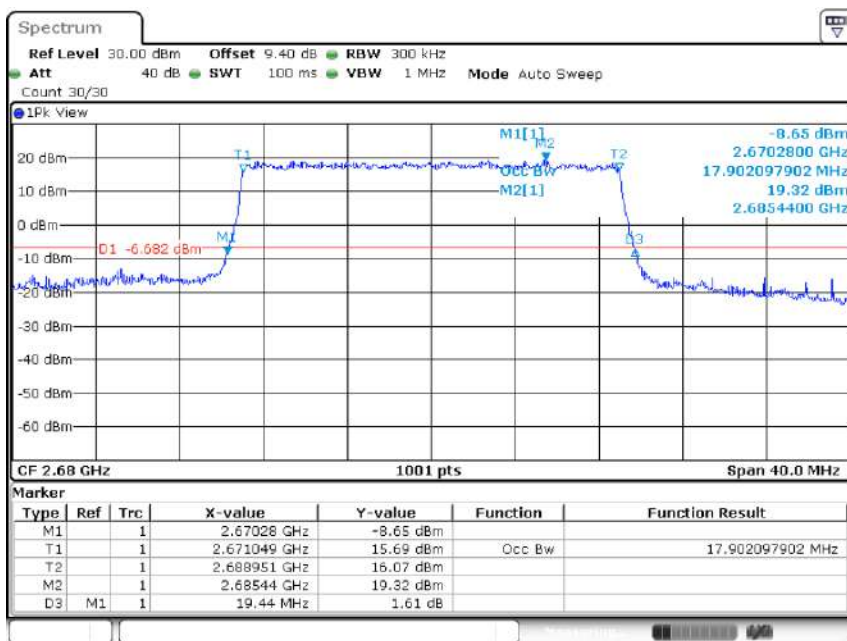


Band41-20MHz-16QAM-40620-100RB#0-17.862



Date: 10 DEC. 2020 12:48:26

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

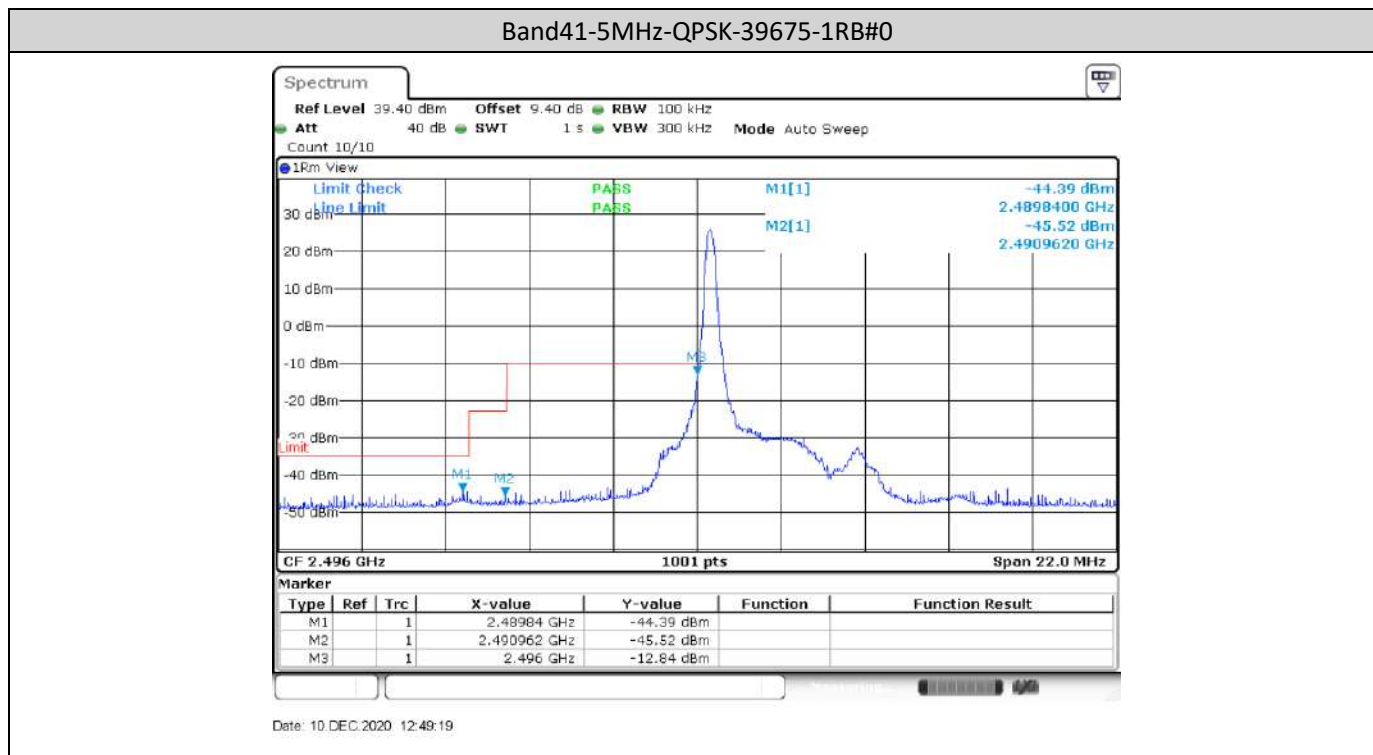


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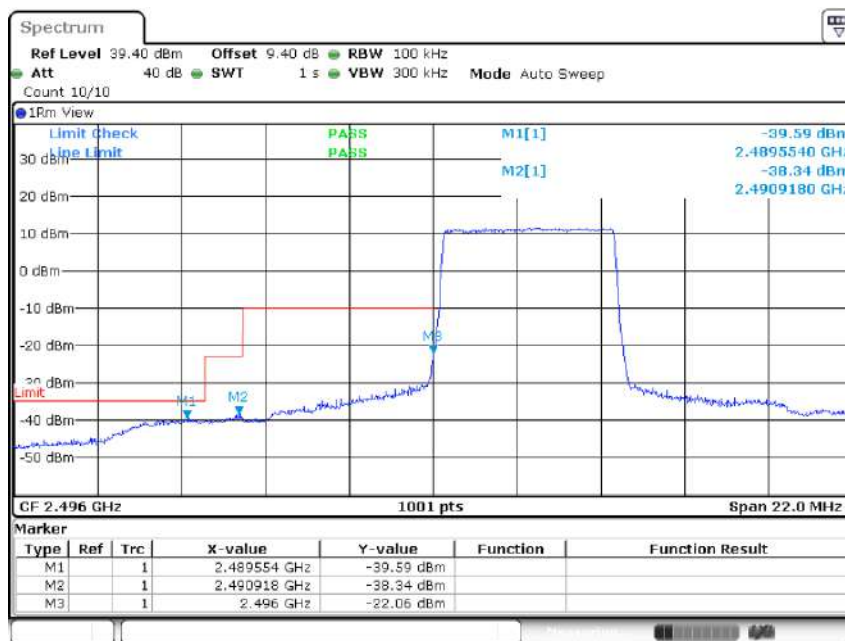


5. Band Edge Compliance

5.1. Test Plots

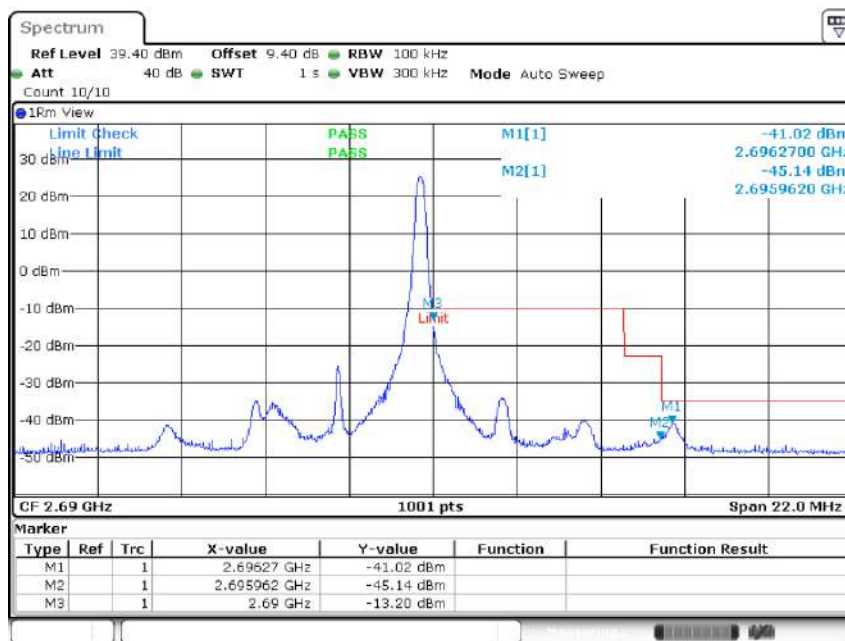


Band41-5MHz-QPSK-39675-25RB#0



Date: 10 DEC. 2020 12:50:55

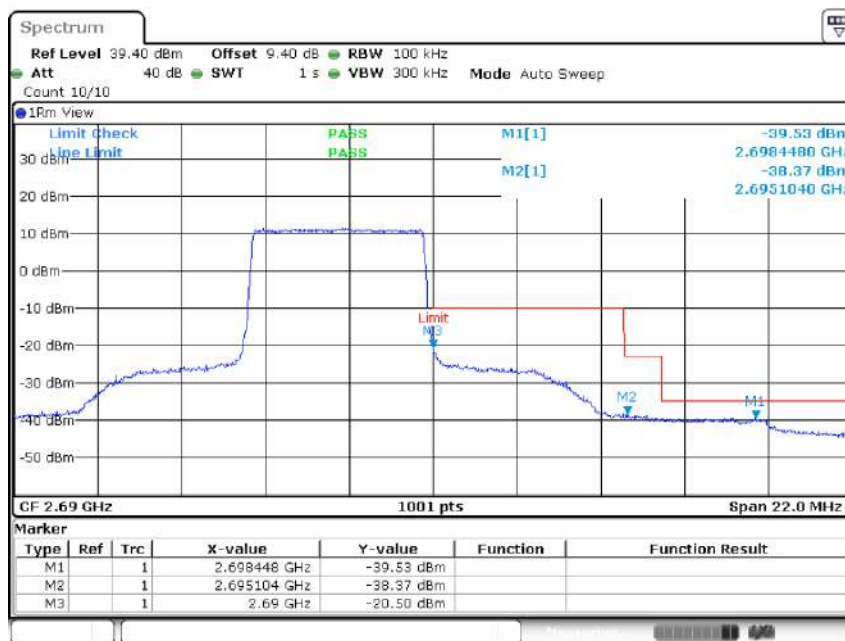
Band41-5MHz-QPSK-41565-1RB#24



Date: 10 DEC. 2020 12:50:07

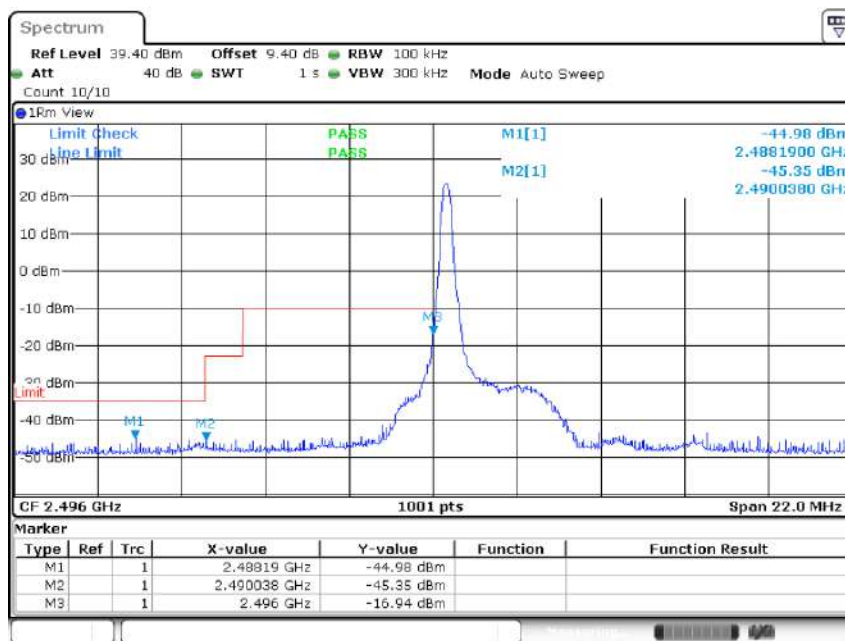


Band41-5MHz-QPSK-41565-25RB#0



Date: 10 DEC.2020 12:51:39

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



Date: 10 DEC.2020 13:23:05



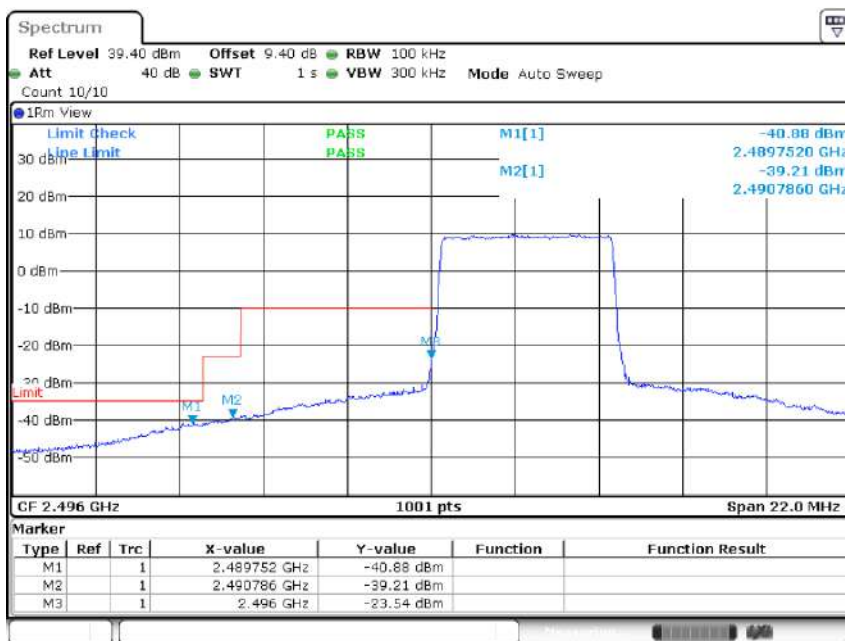
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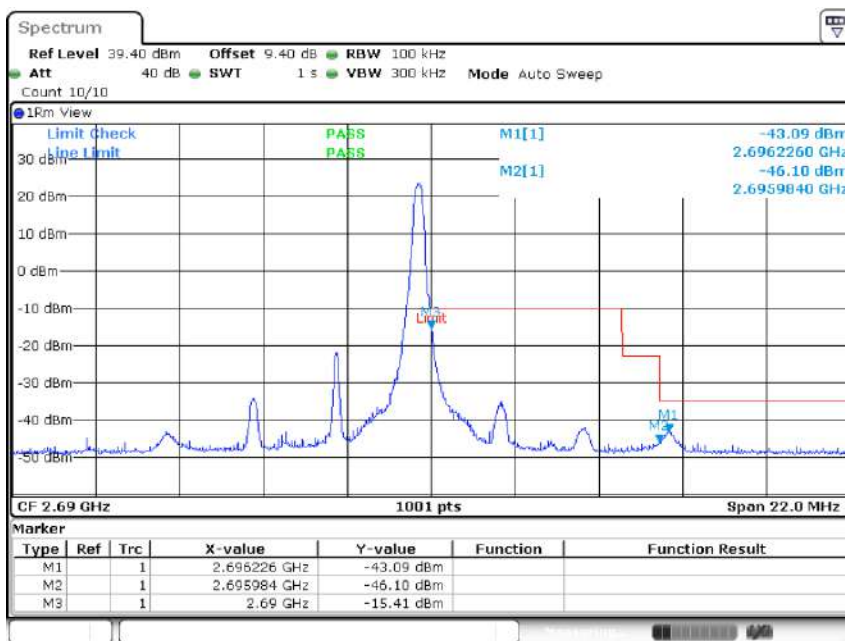
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Band41-5MHz-64QAM-39675-25RB#0



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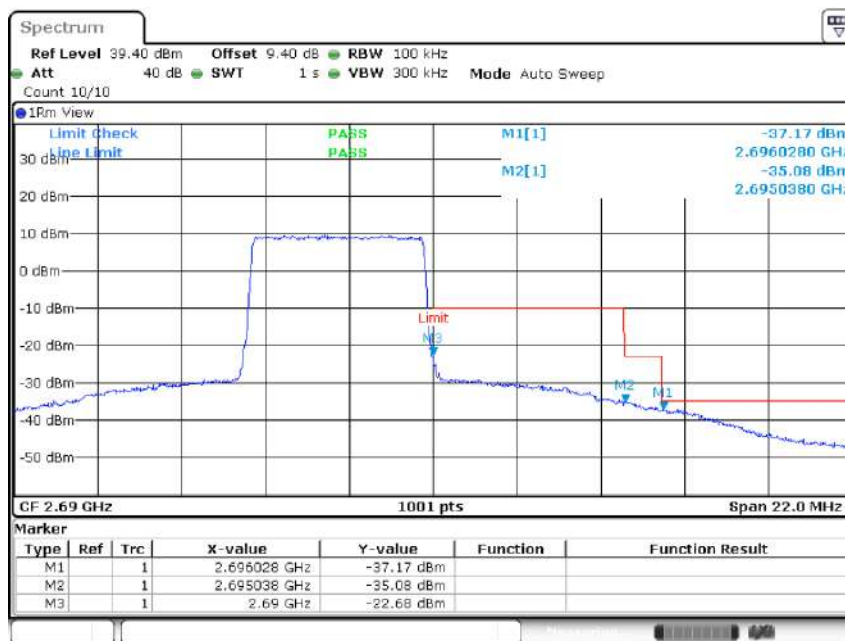
Band41-5MHz-64QAM-41565-1RB#24



Date: 10 DEC. 2020 13:23:32

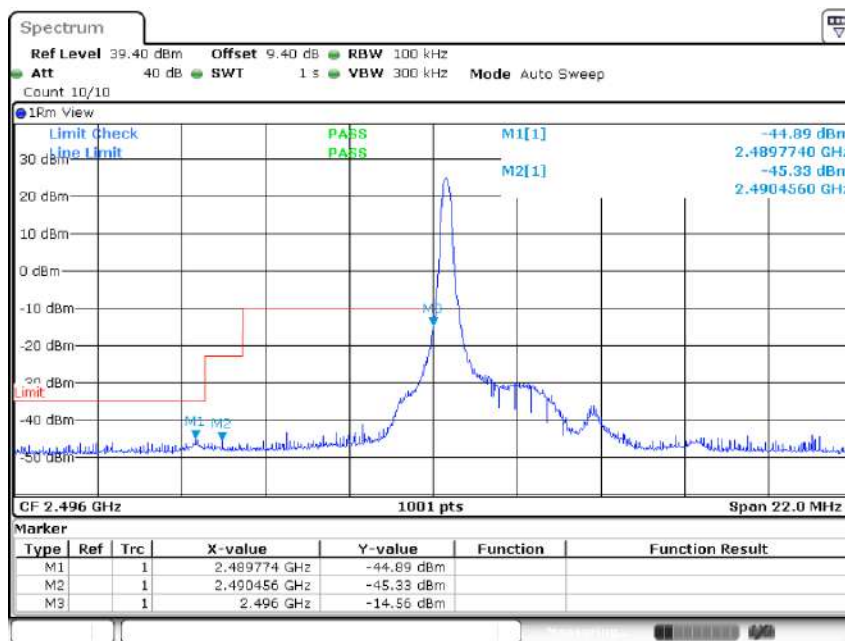


Band41-5MHz-64QAM-41565-25RB#0



Date: 10 DEC.2020 13:24:21

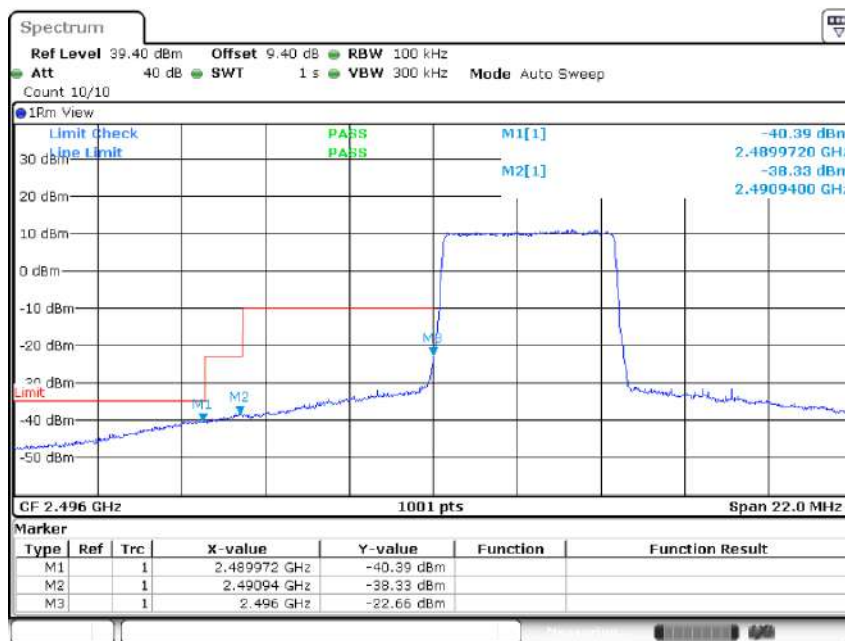
Band41-5MHz-16QAM-39675-1RB#0



Date: 10 DEC.2020 12:49:41

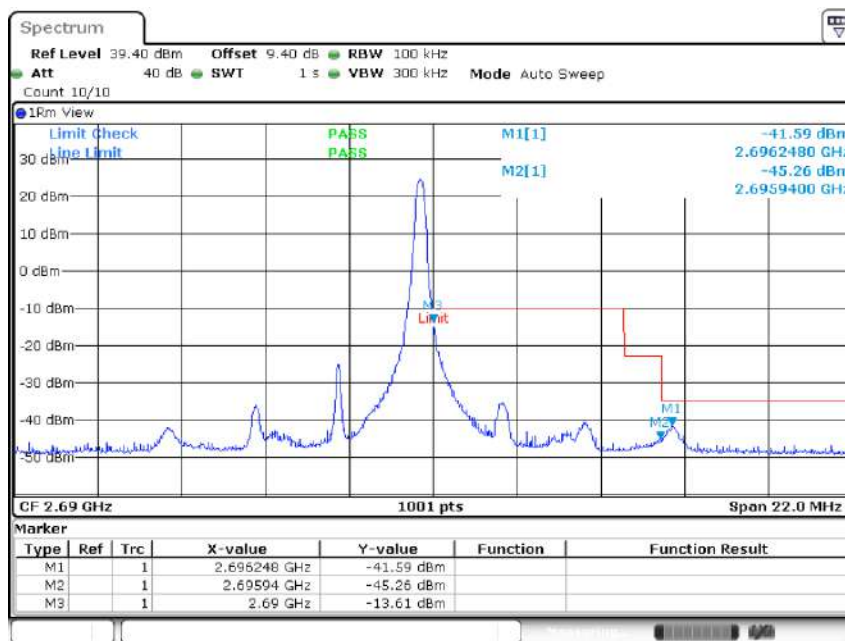


Band41-5MHz-16QAM-39675-25RB#0



Date: 10 DEC.2020 12:51:17

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



Date: 10 DEC.2020 12:50:29



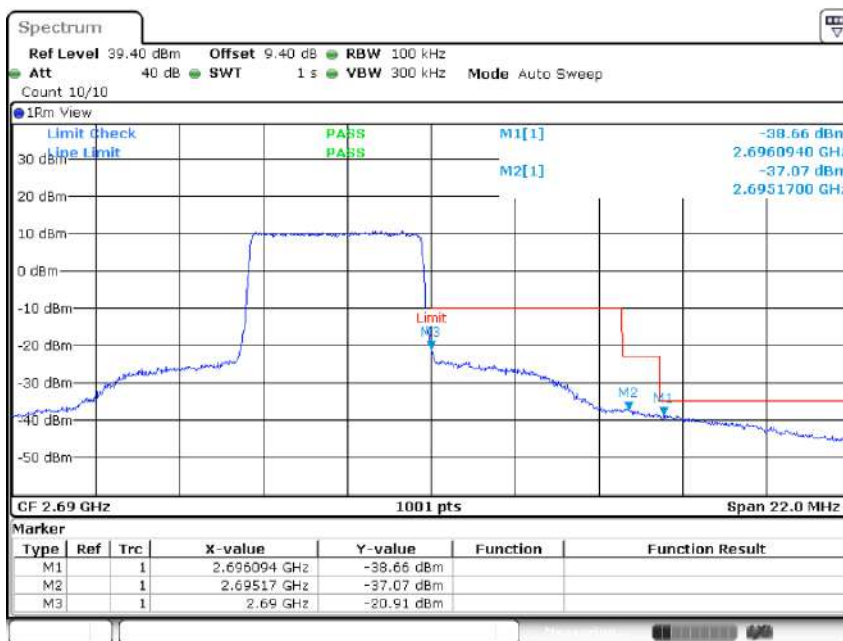
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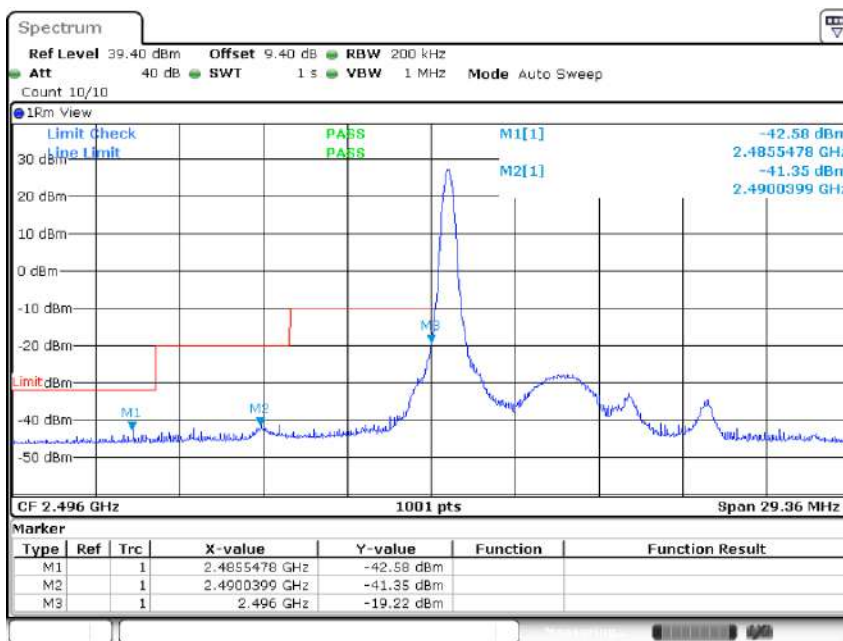
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Band41-5MHz-16QAM-41565-25RB#0



Date: 10 DEC. 2020 12:52:01

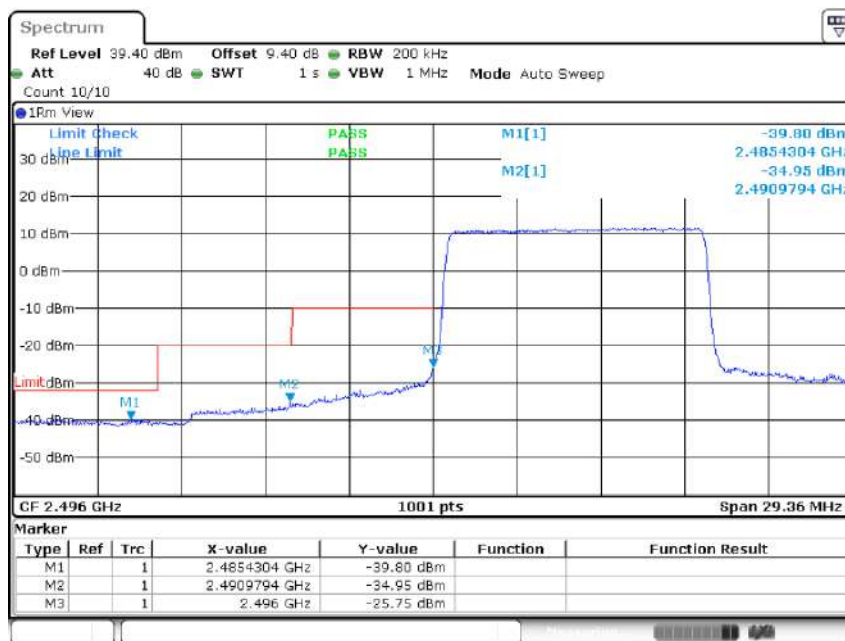
Band41-10MHz-QPSK-39700-1RB#0



Date: 10 DEC. 2020 12:52:29

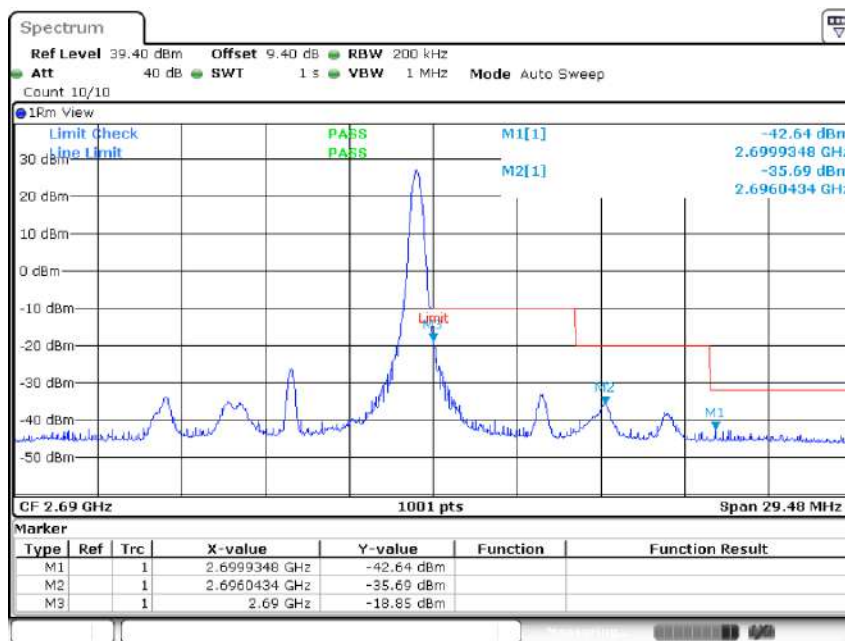


Band41-10MHz-QPSK-39700-50RB#0



Date: 10 DEC.2020 12:54:05

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



Date: 10 DEC.2020 12:53:17



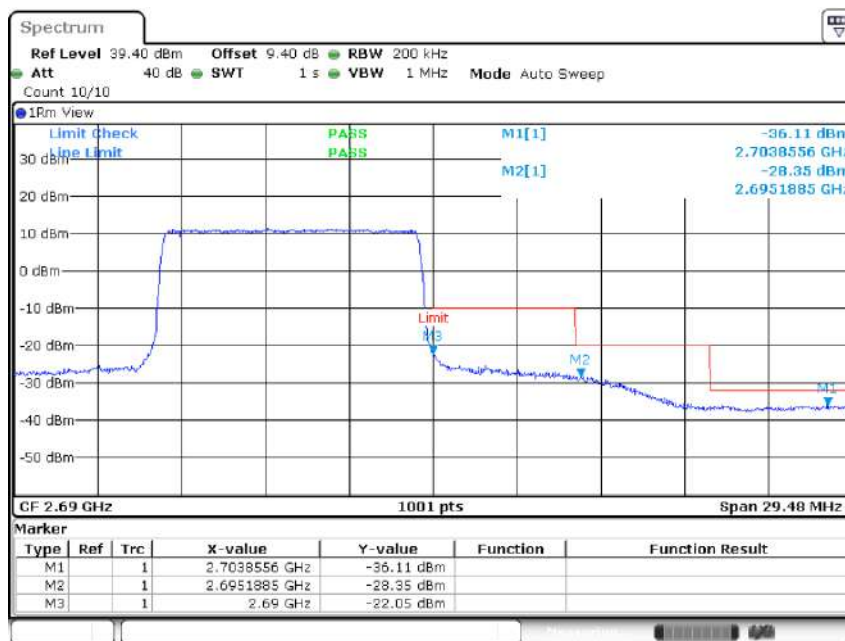
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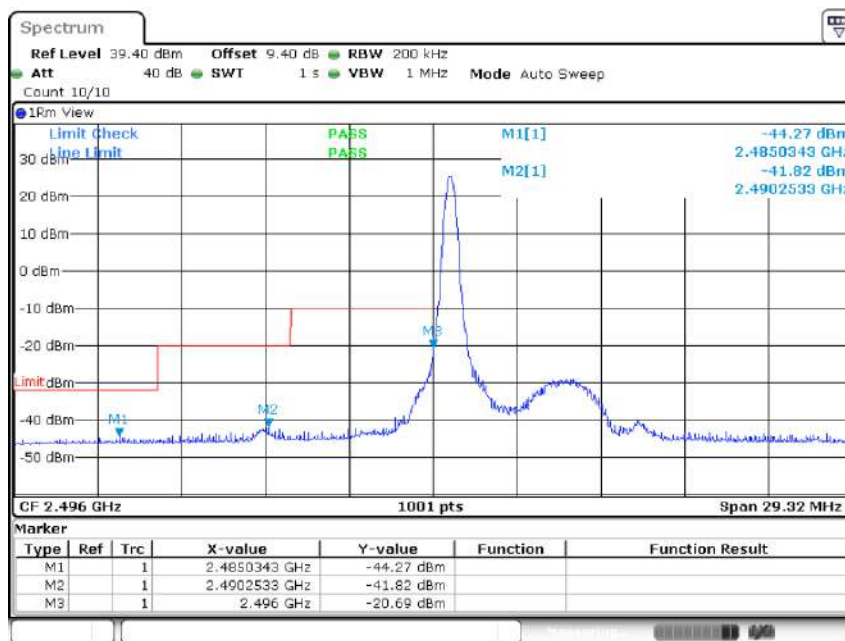
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Band41-10MHz-QPSK-41540-50RB#0



Date: 10 DEC. 2020 12:54:49

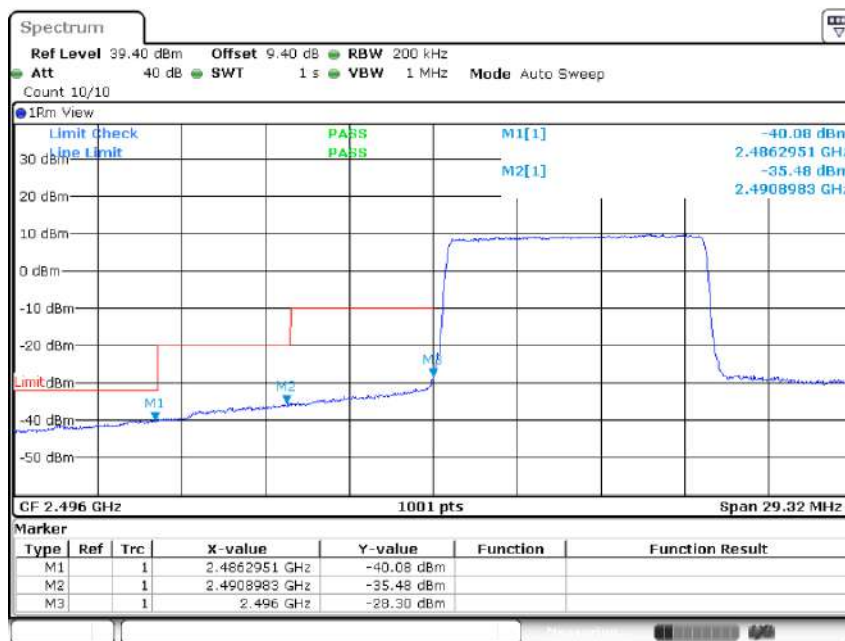
Band41-10MHz-64QAM-39700-1RB#0



Date: 10 DEC. 2020 13:24:50

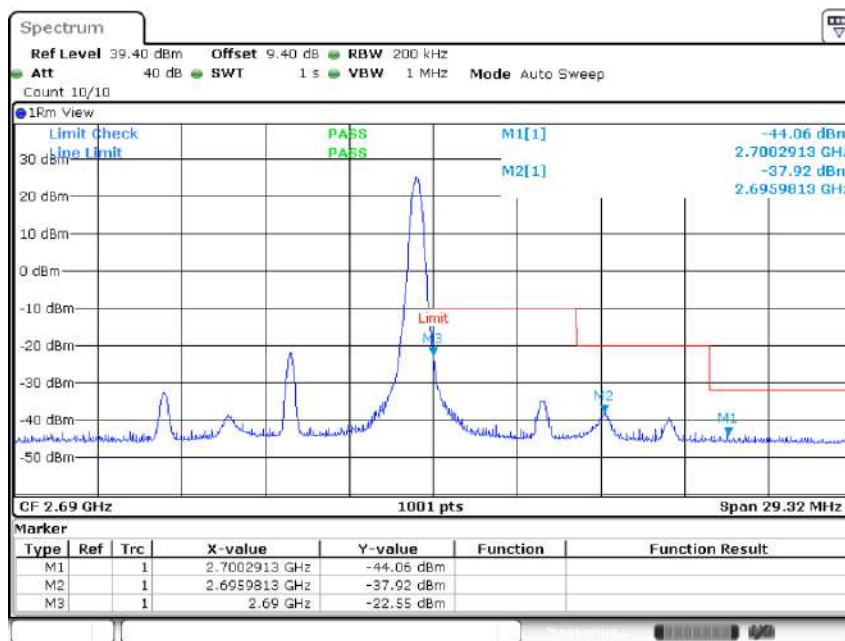


Band41-10MHz-64QAM-39700-50RB#0



Date: 10 DEC. 2020 13:25:44

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



Date: 10 DEC. 2020 13:25:17



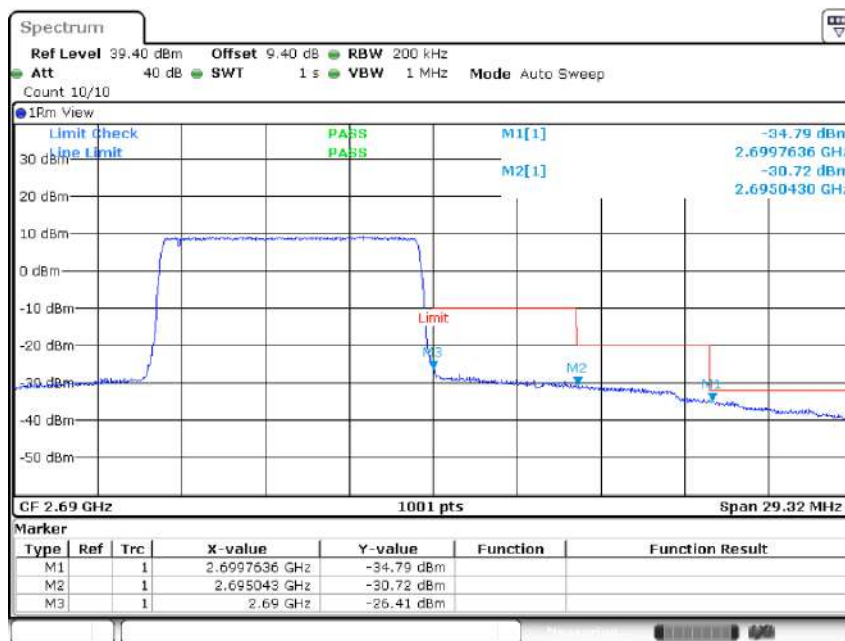
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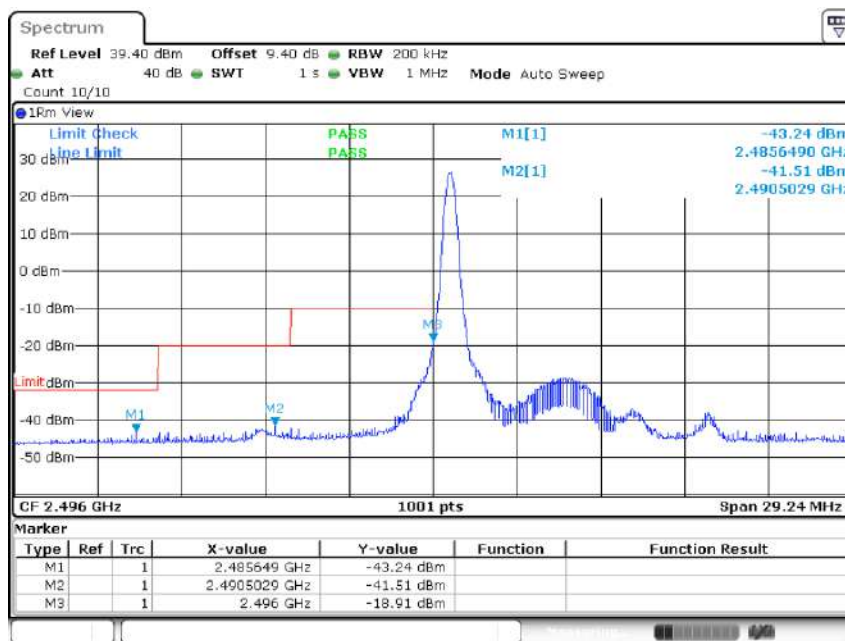
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Band41-10MHz-64QAM-41540-50RB#0



Date: 10 DEC. 2020 13:26:06

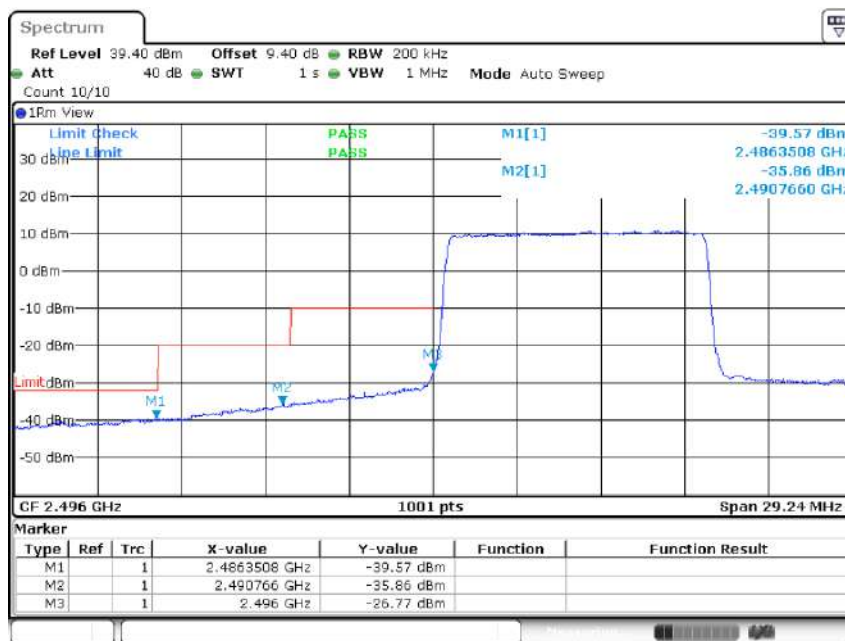
Band41-10MHz-16QAM-39700-1RB#0



Date: 10 DEC. 2020 12:52:51

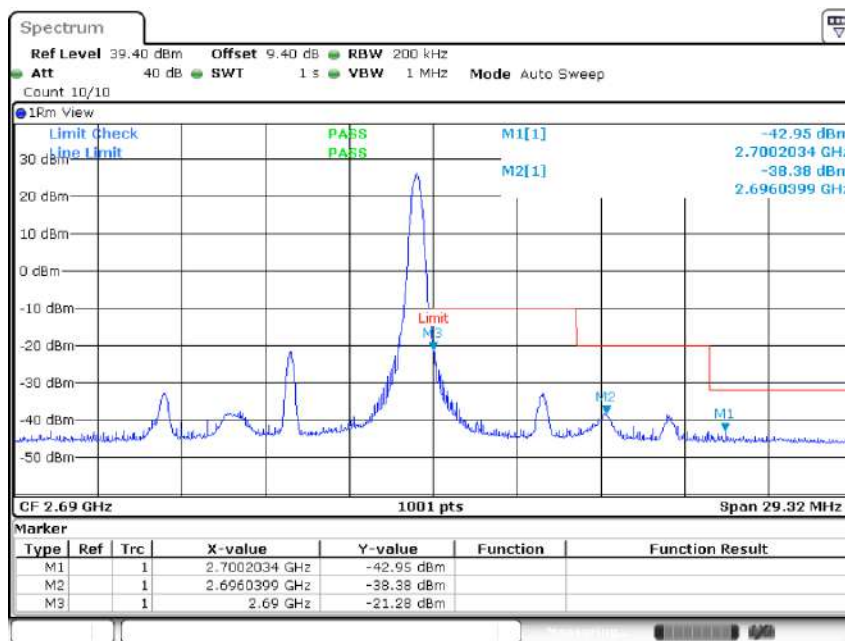


Band41-10MHz-16QAM-39700-50RB#0



Date: 10 DEC.2020 12:54:27

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



Date: 10 DEC.2020 12:53:39



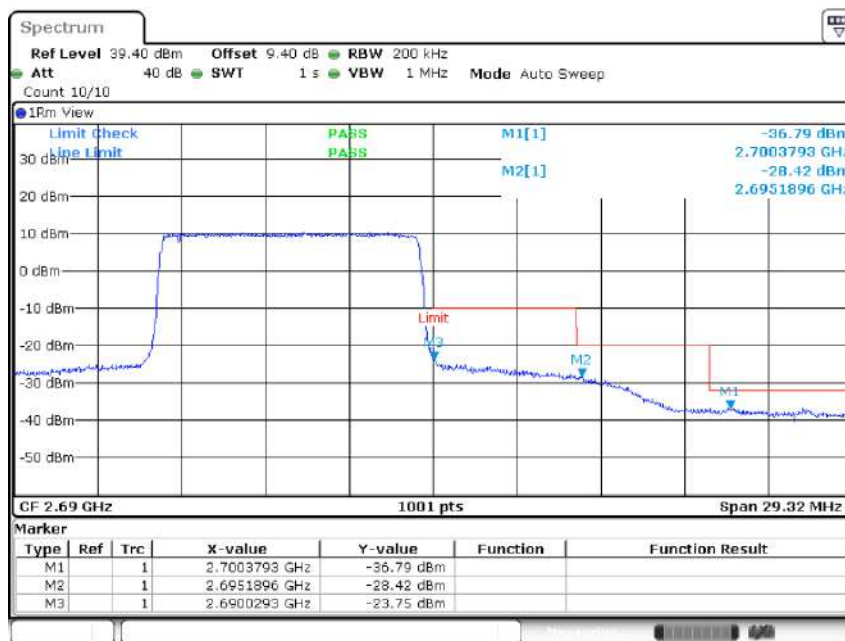
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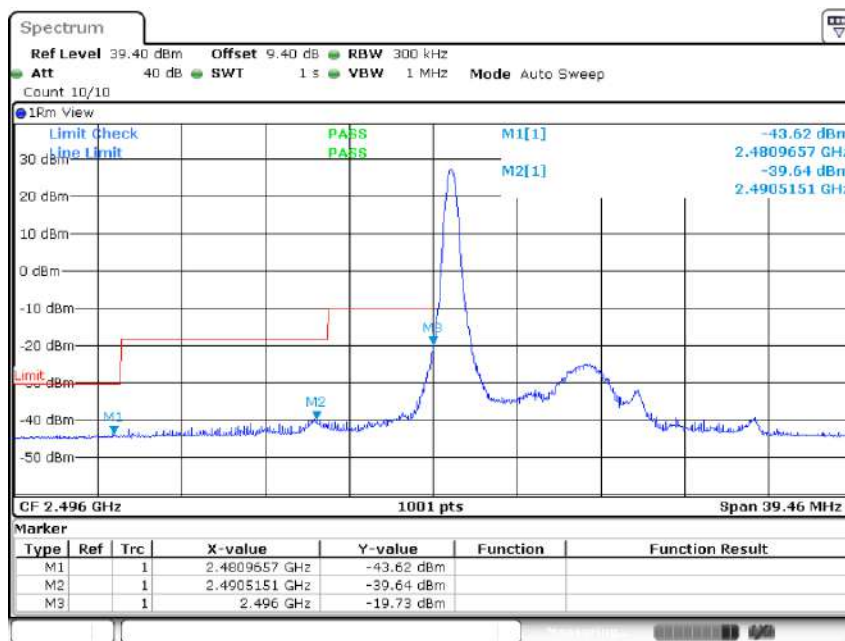
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Band41-10MHz-16QAM-41540-50RB#0



Date: 10 DEC. 2020 12:55:11

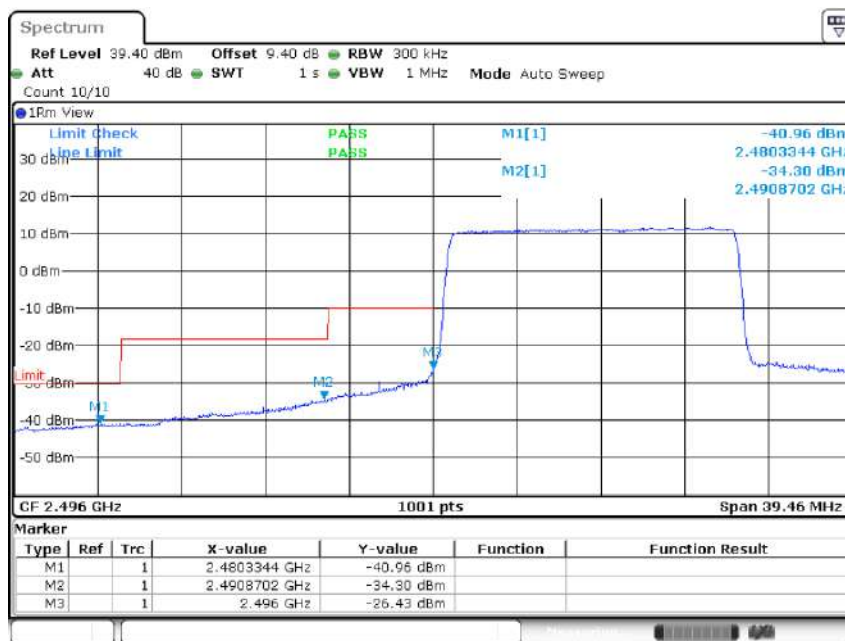
Band41-15MHz-QPSK-39725-1RB#0



Date: 10 DEC. 2020 12:55:39

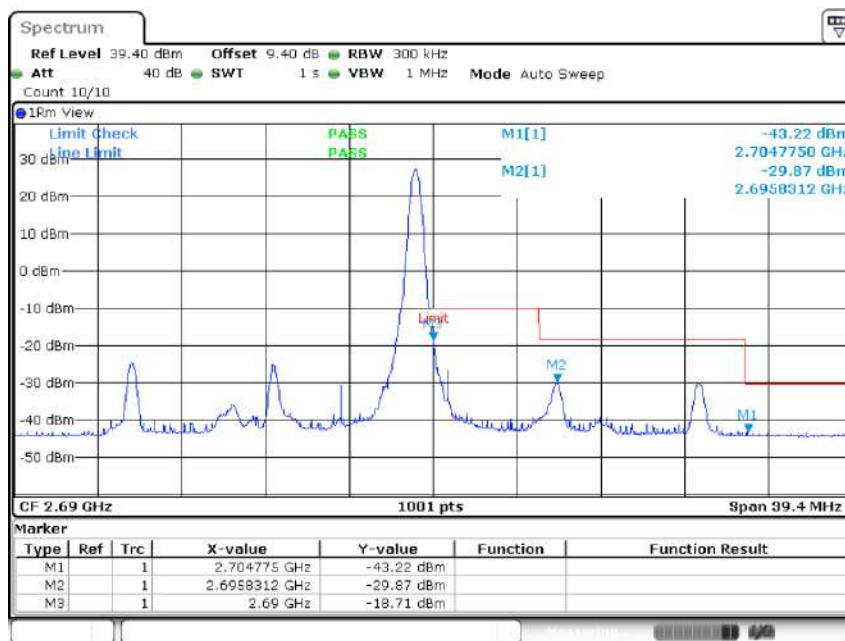


Band41-15MHz-QPSK-39725-75RB#0



Date: 10 DEC.2020 12:57:14

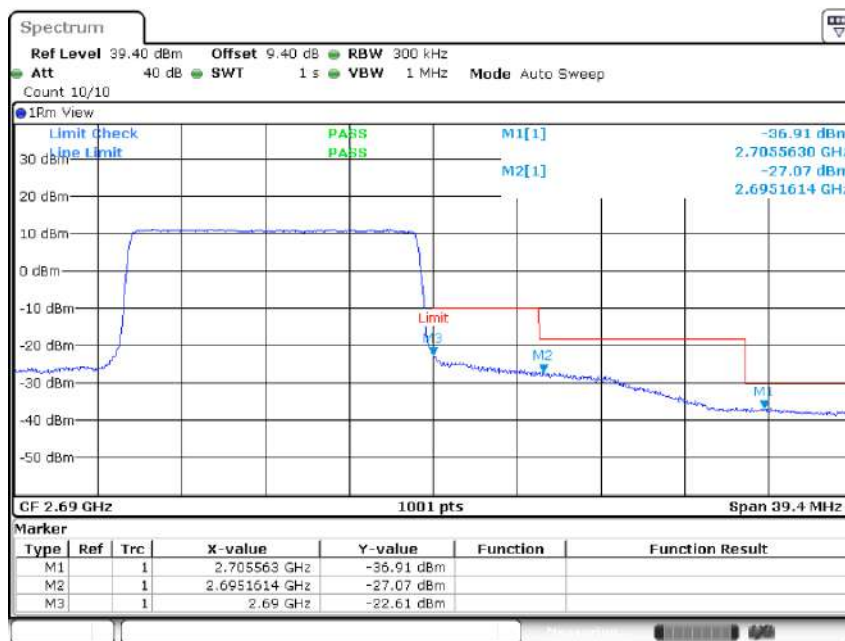
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Date: 10 DEC.2020 12:56:26

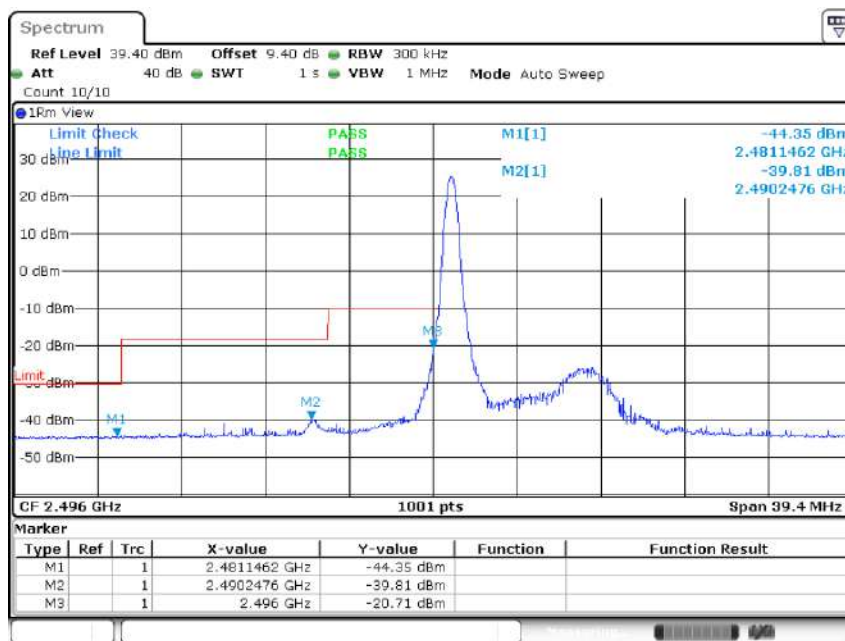


Band41-15MHz-QPSK-41515-75RB#0



Date: 10 DEC.2020 12:57:58

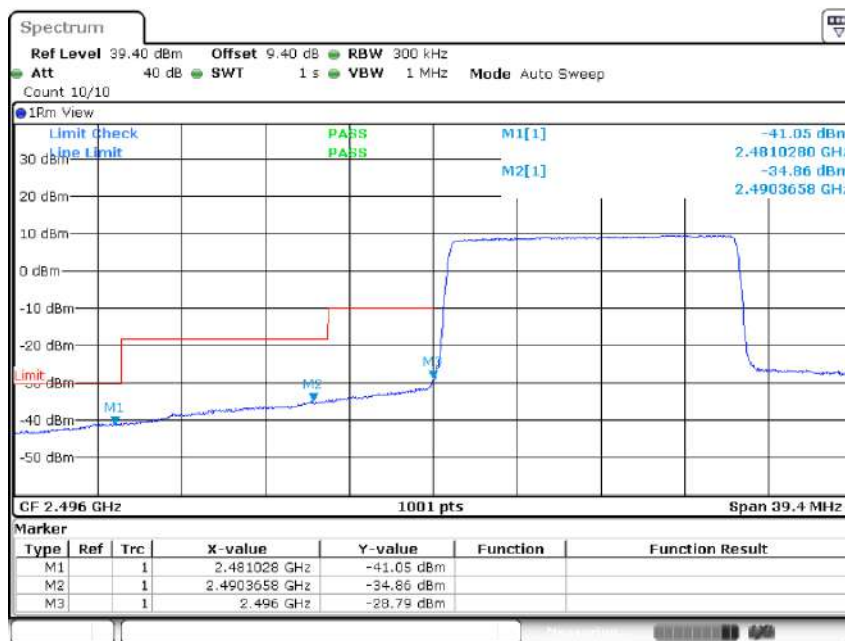
Band41-15MHz-64QAM-39725-1RB#0



Date: 10 DEC.2020 13:26:35

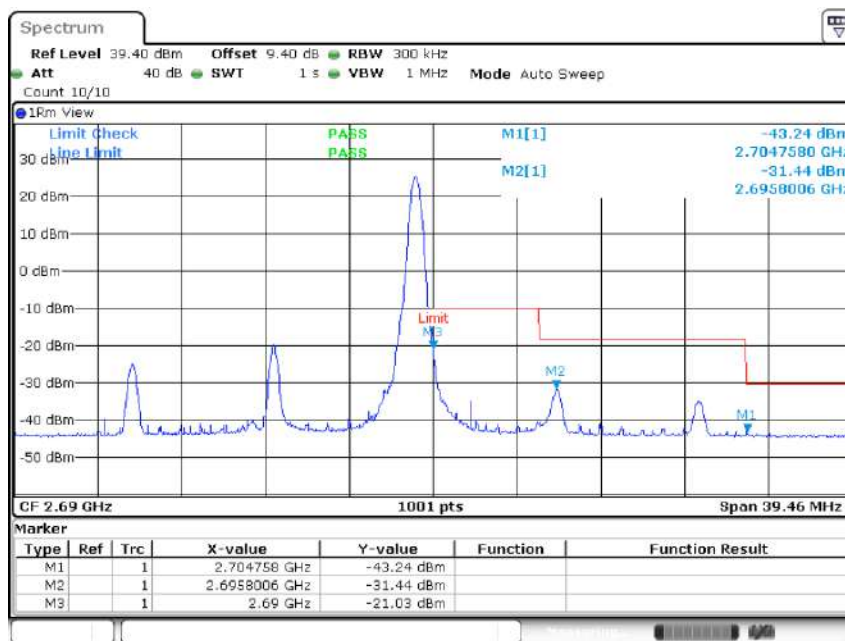


Band41-15MHz-64QAM-39725-75RB#0



Date: 10 DEC. 2020 13:27:30

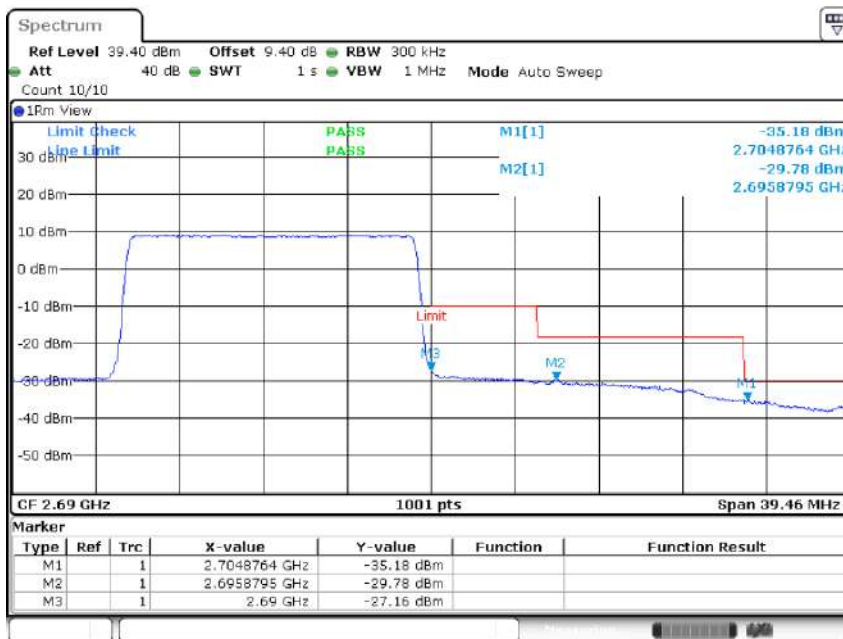
Band41-15MHz-64QAM-41515-1RB#74



Date: 10 DEC. 2020 13:27:02

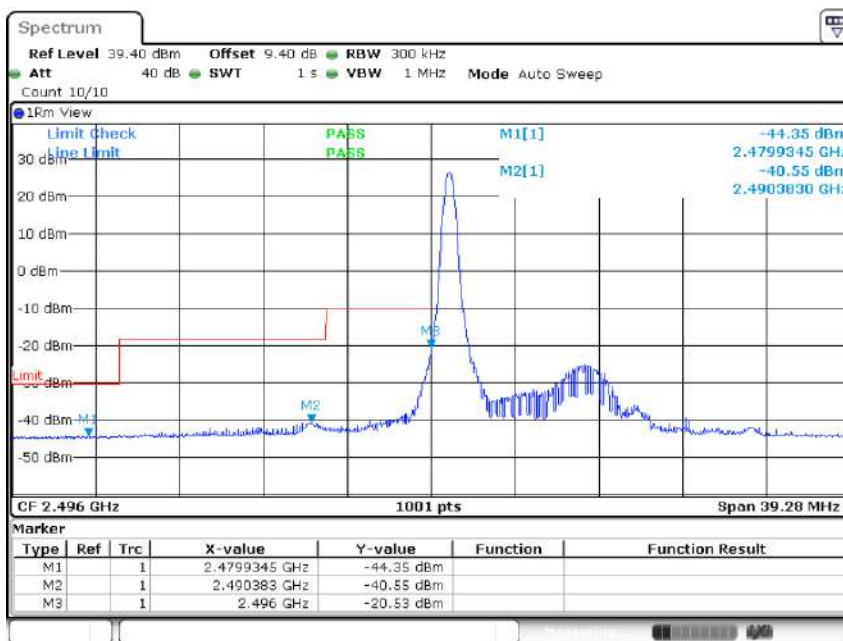


Band41-15MHz-64QAM-41515-75RB#0



Date: 10 DEC.2020 13:27:51

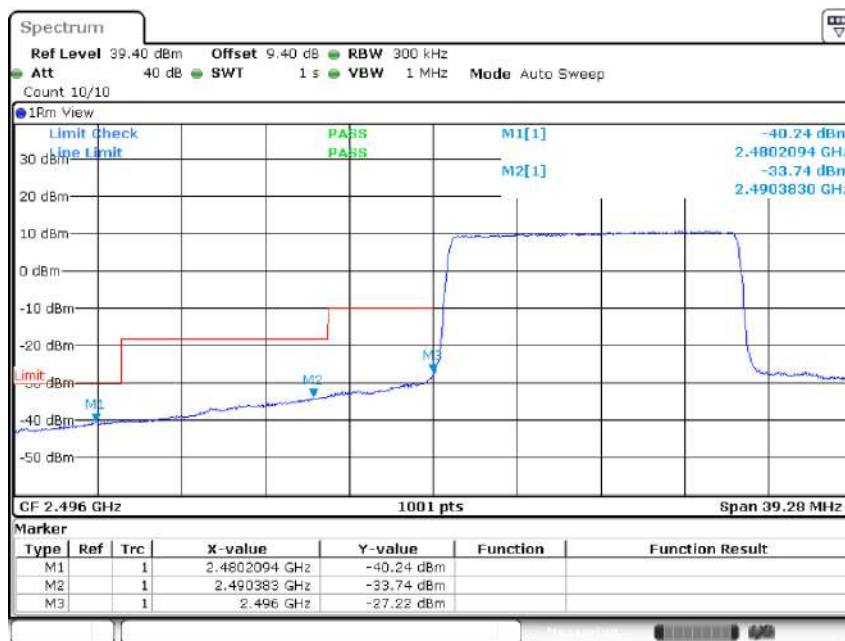
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Date: 10 DEC.2020 12:56:00

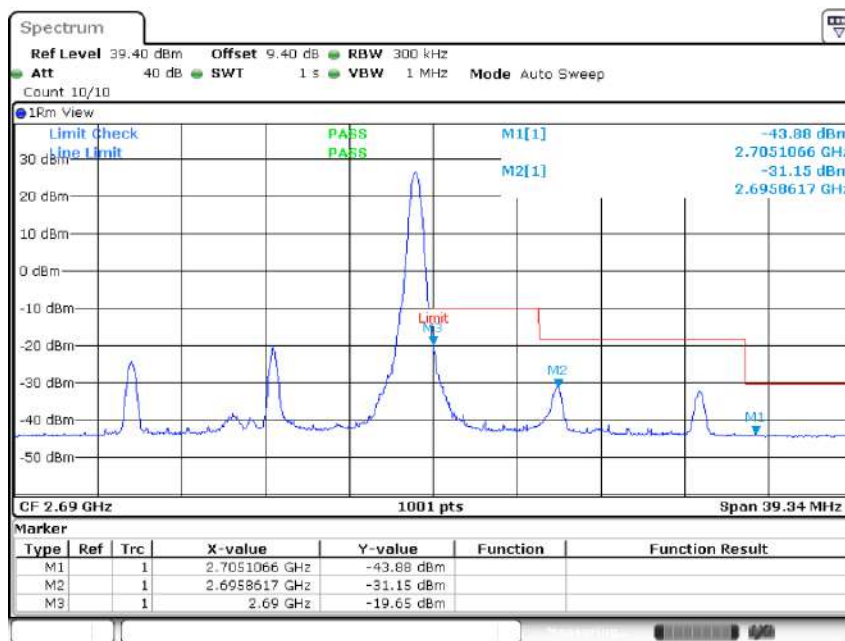


Band41-15MHz-16QAM-39725-75RB#0



Date: 10 DEC.2020 12:57:36

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



Date: 10 DEC.2020 12:56:48



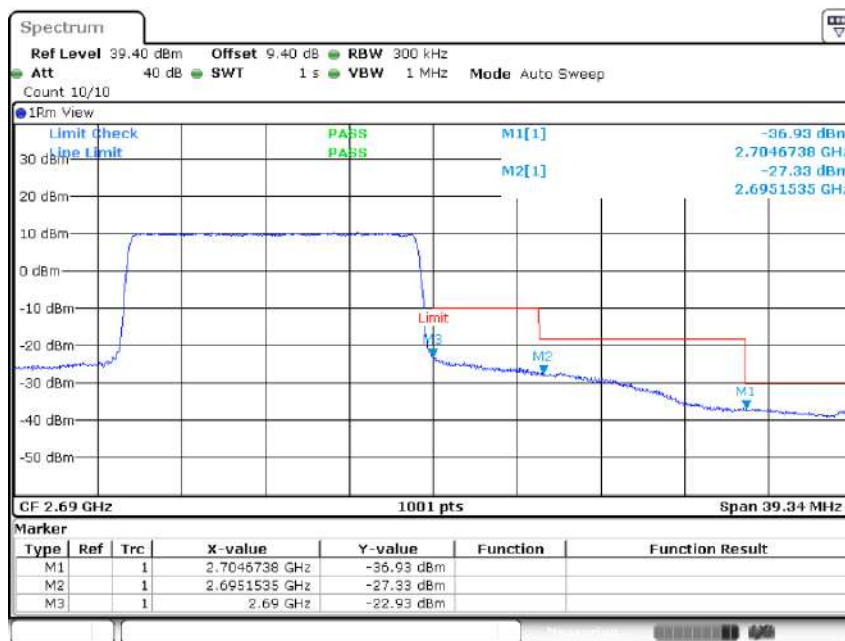
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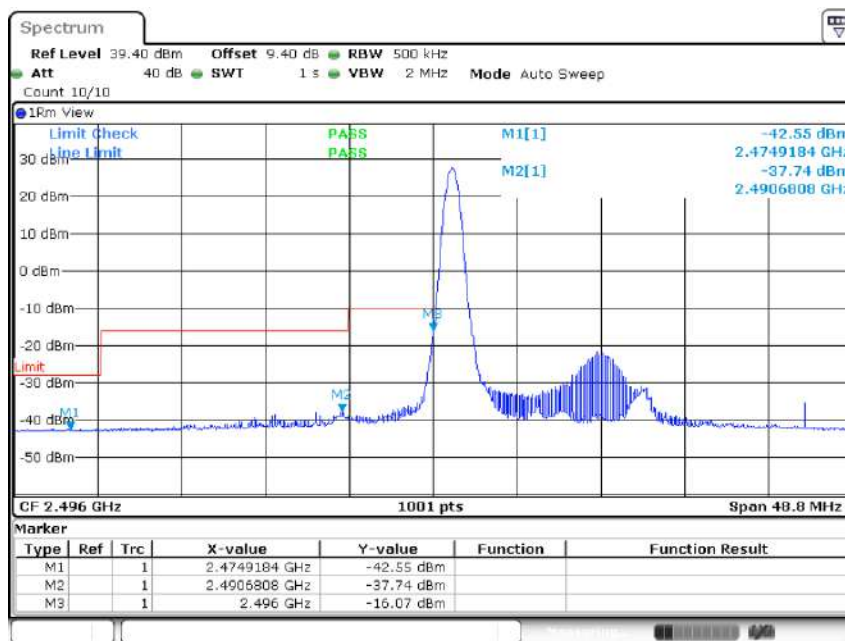
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Band41-15MHz-16QAM-41515-75RB#0



Date: 10 DEC. 2020 12:58:20

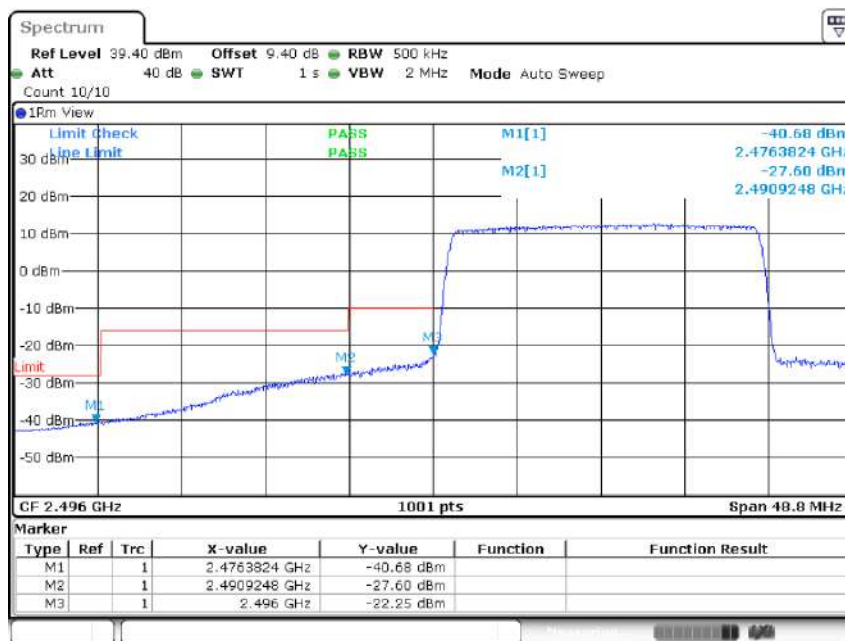
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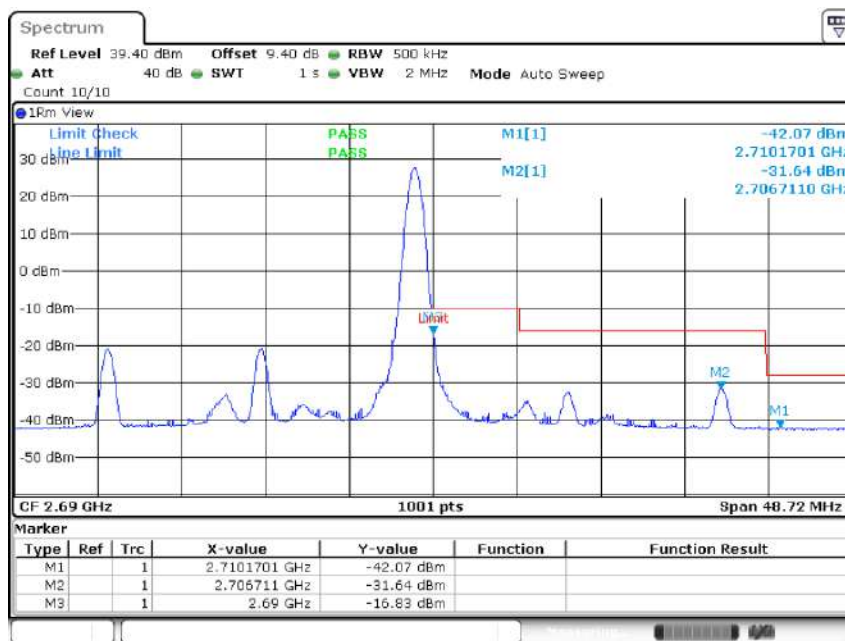


Band41-20MHz-QPSK-39750-100RB#0



Date: 10 DEC. 2020 13:00:24

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



Date: 10 DEC. 2020 12:59:36



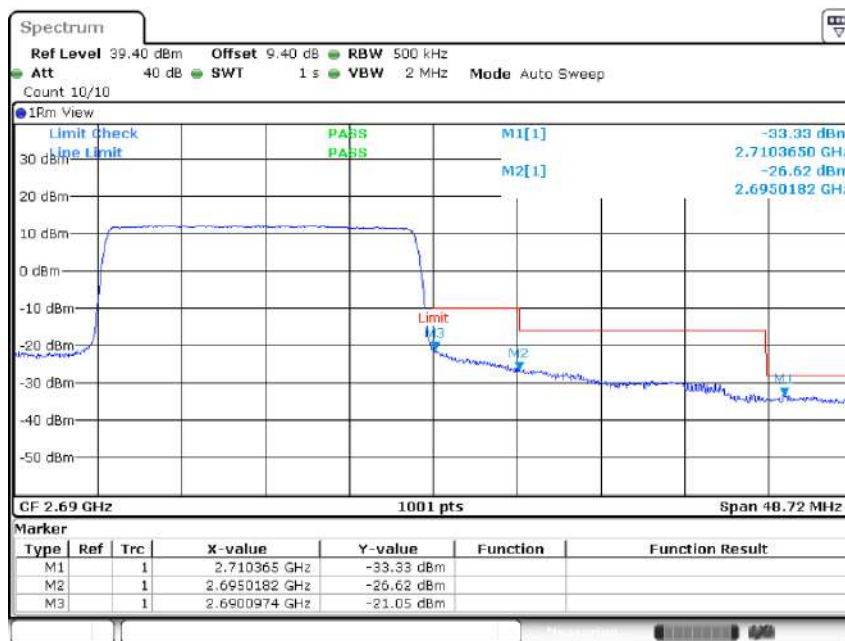
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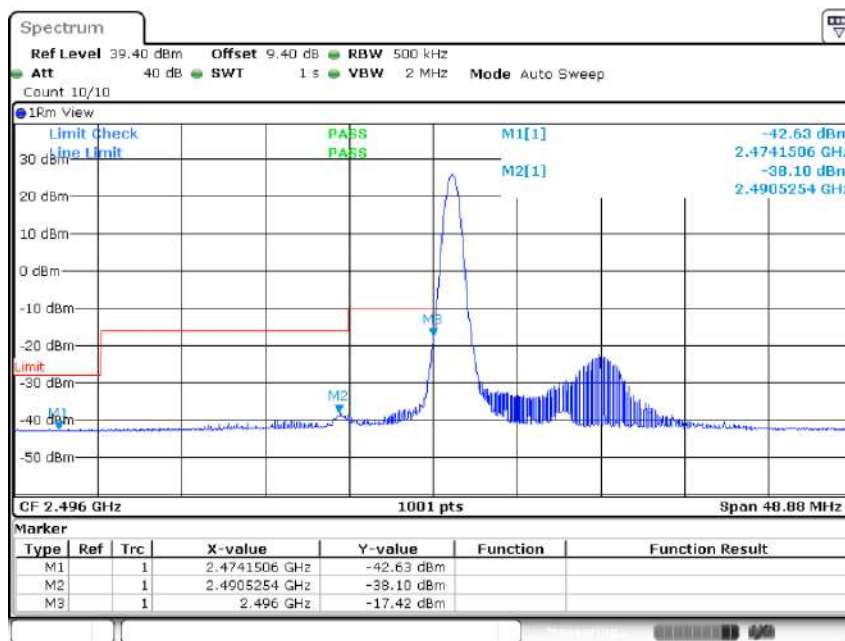
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Band41-20MHz-QPSK-41490-100RB#0



Date: 10 DEC.2020 13:01:08

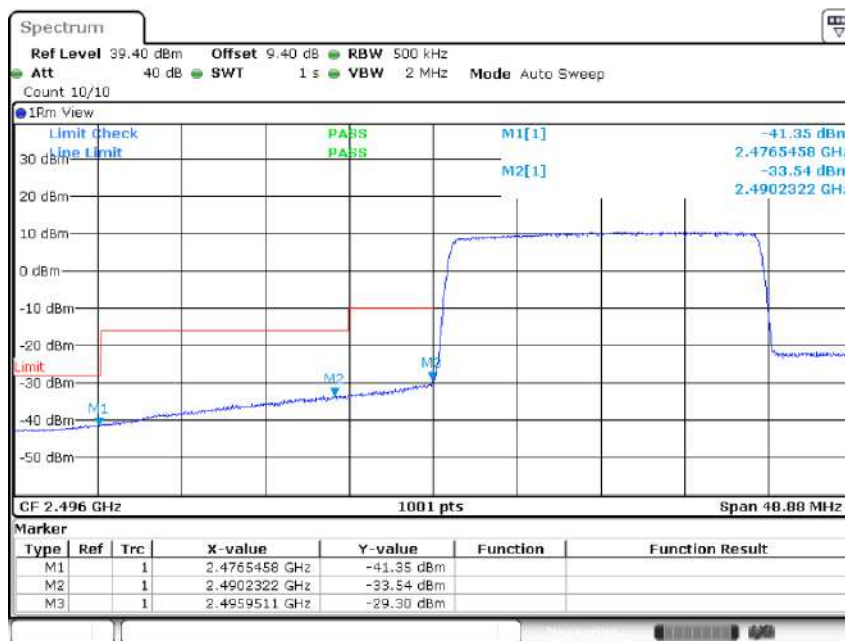
Band41-20MHz-64QAM-39750-1RB#0



Date: 10 DEC.2020 13:28:20

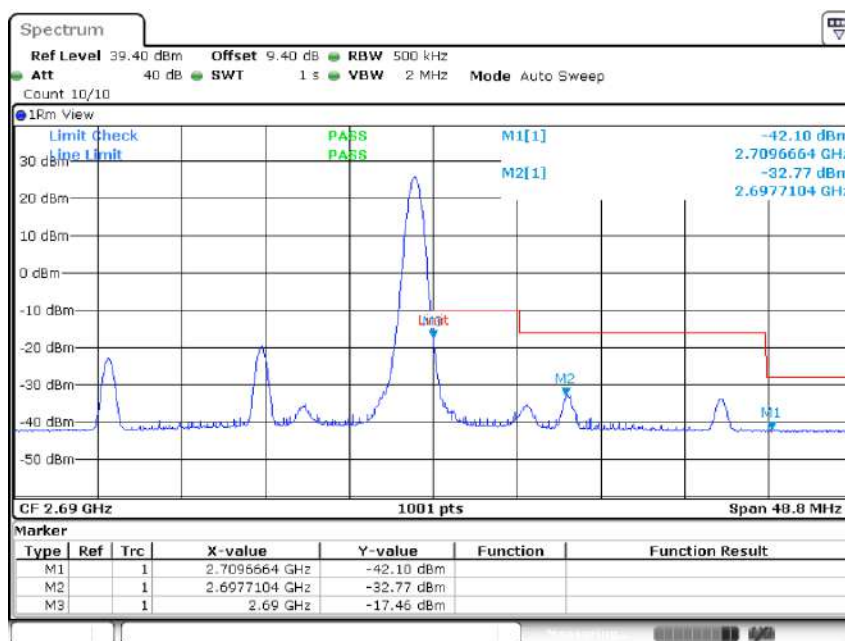


Band41-20MHz-64QAM-39750-100RB#0



Date: 10 DEC. 2020 13:29:14

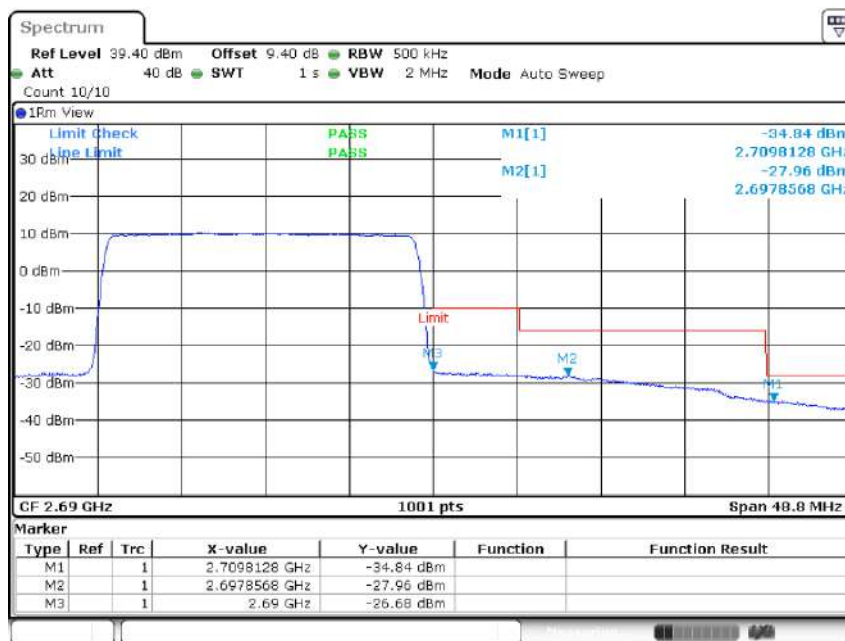
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Date: 10 DEC. 2020 13:28:47

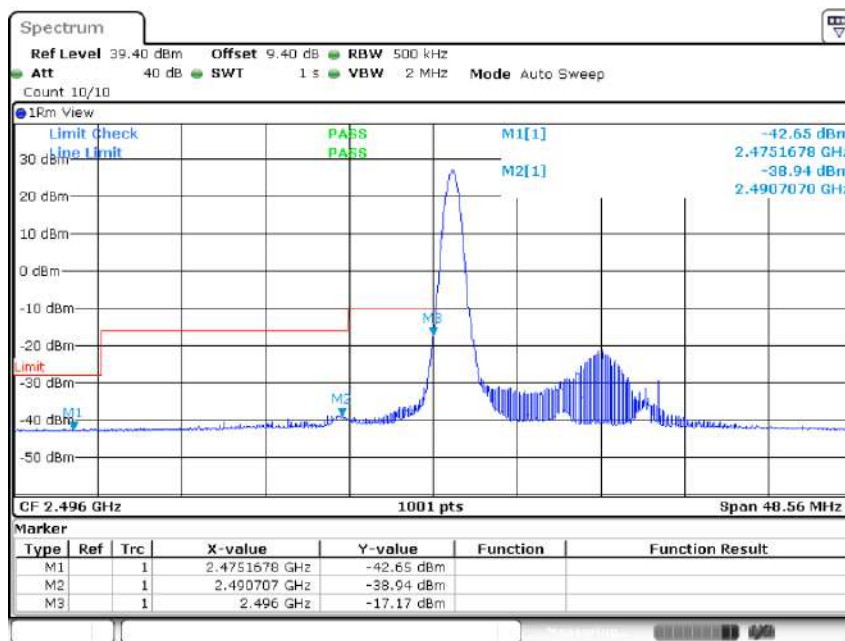


Band41-20MHz-64QAM-41490-100RB#0



Date: 10 DEC.2020 13:29:36

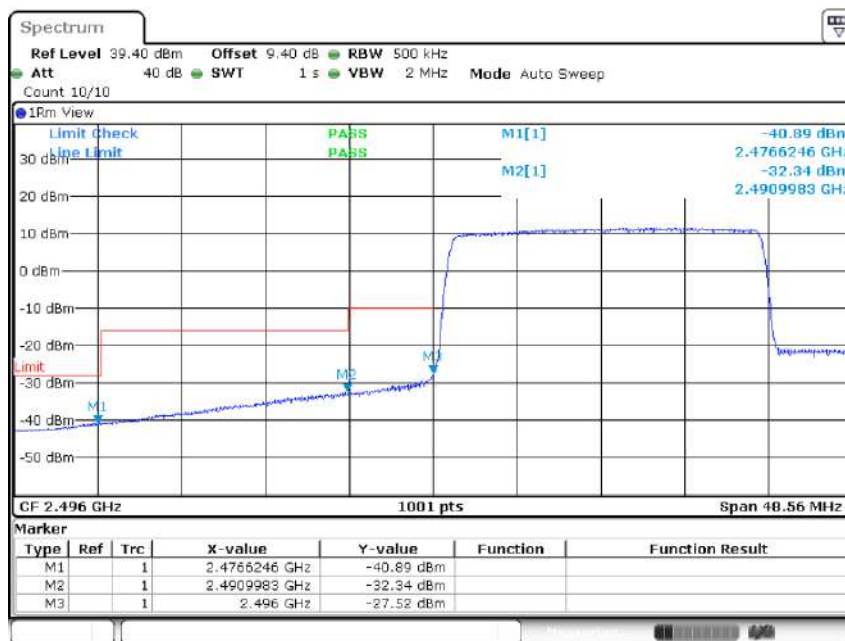
Band41-20MHz-16QAM-39750-1RB#0



Date: 10 DEC.2020 12:59:10

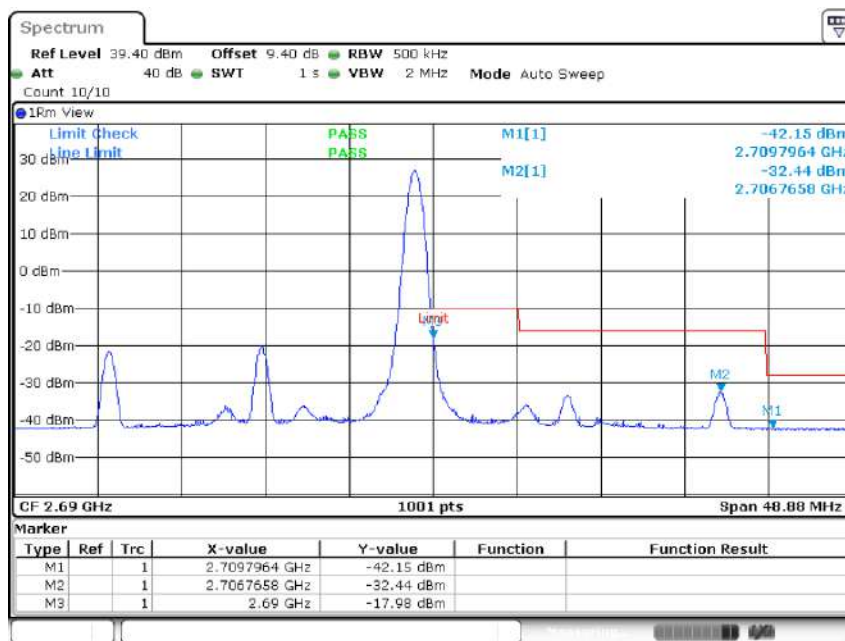


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Date: 10 DEC. 2020 13:00:46

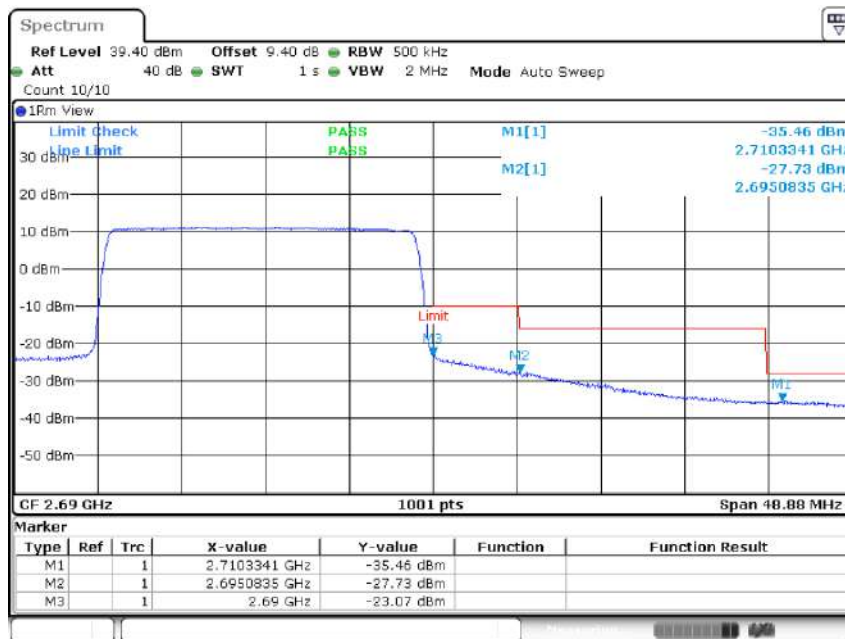
Band41-20MHz-16QAM-41490-1RB#99



Date: 10 DEC. 2020 12:59:58



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



Date: 10.DEC.2020 13:01:30

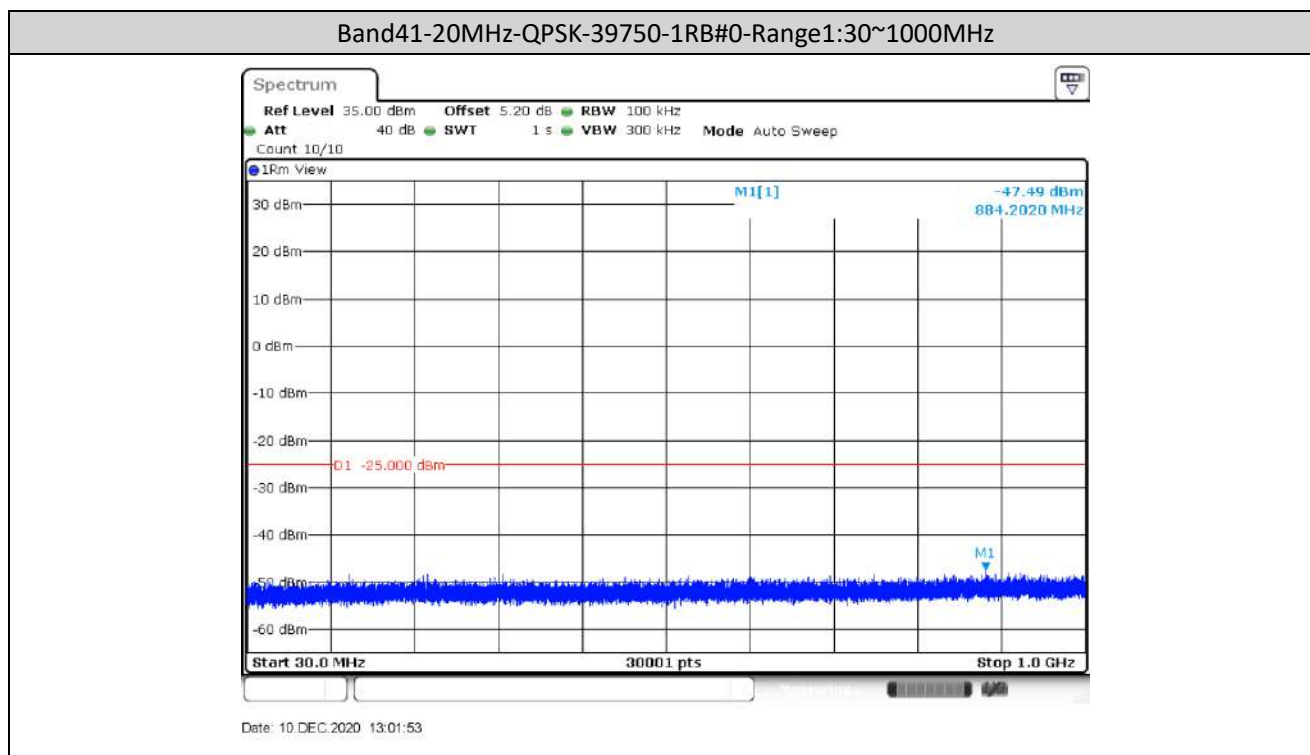


6. Spurious Emission at Antenna Terminal

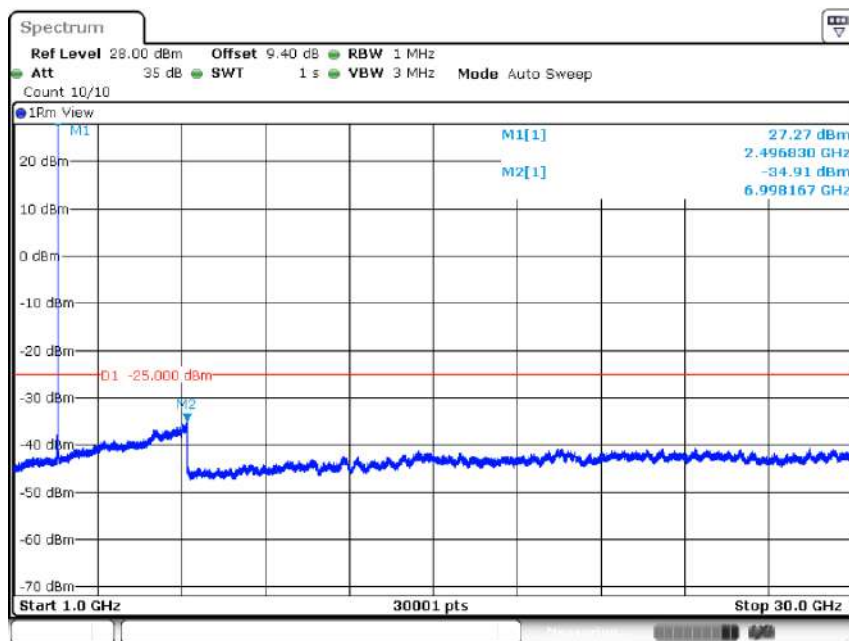
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

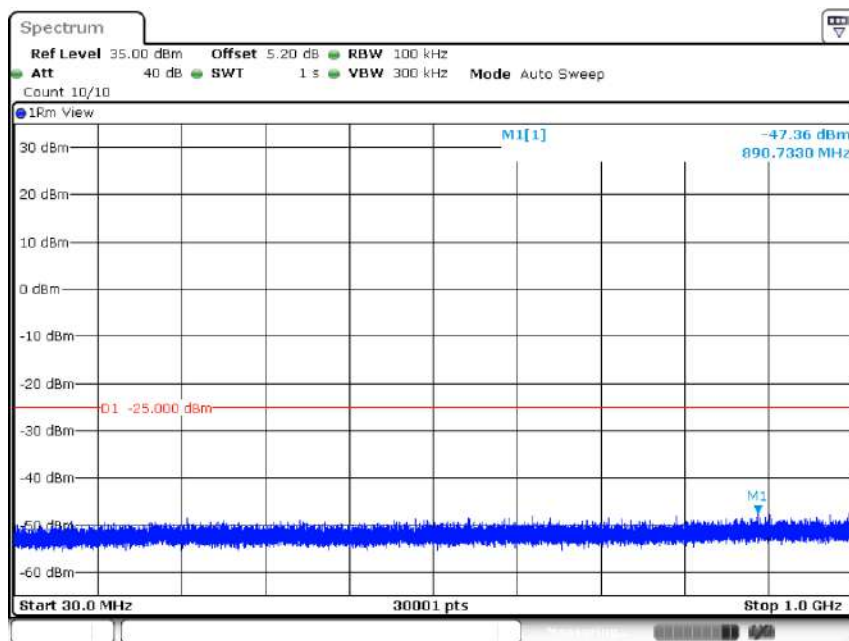


Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:02:09

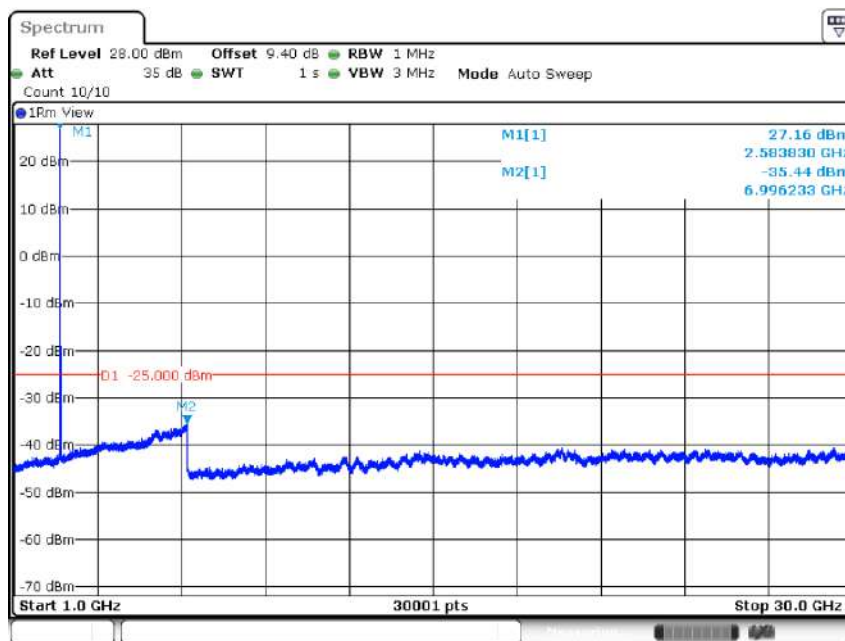
Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:03:04

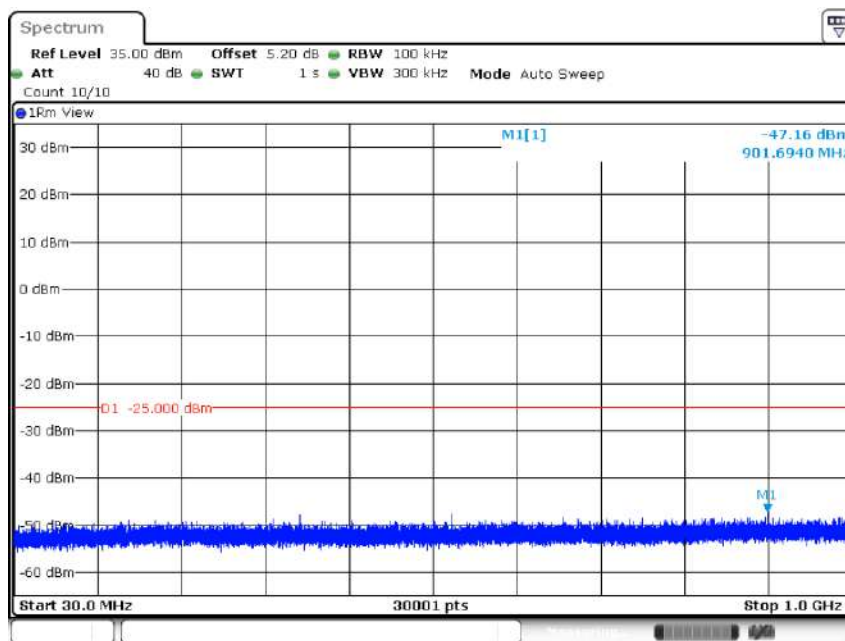


Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:03:20

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



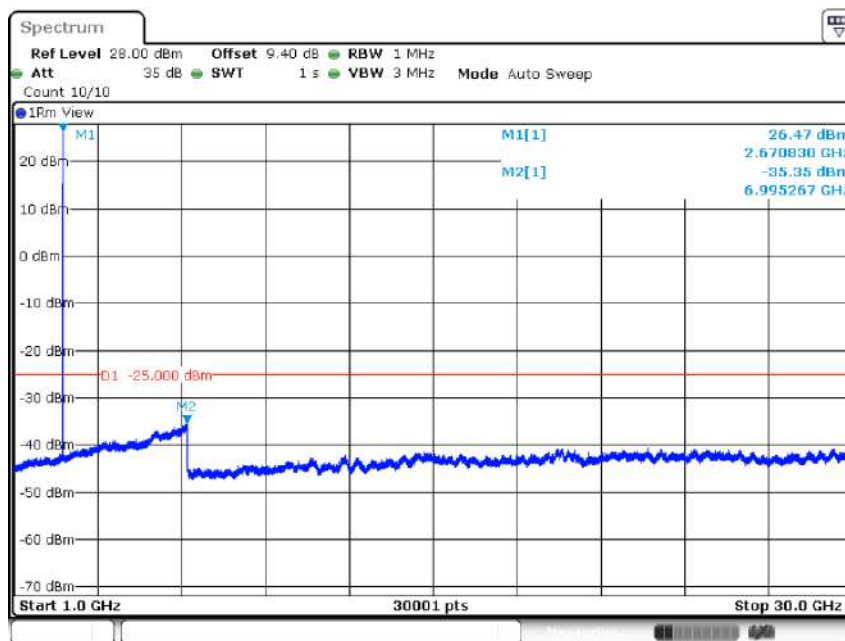
Date: 10 DEC.2020 13:04:14



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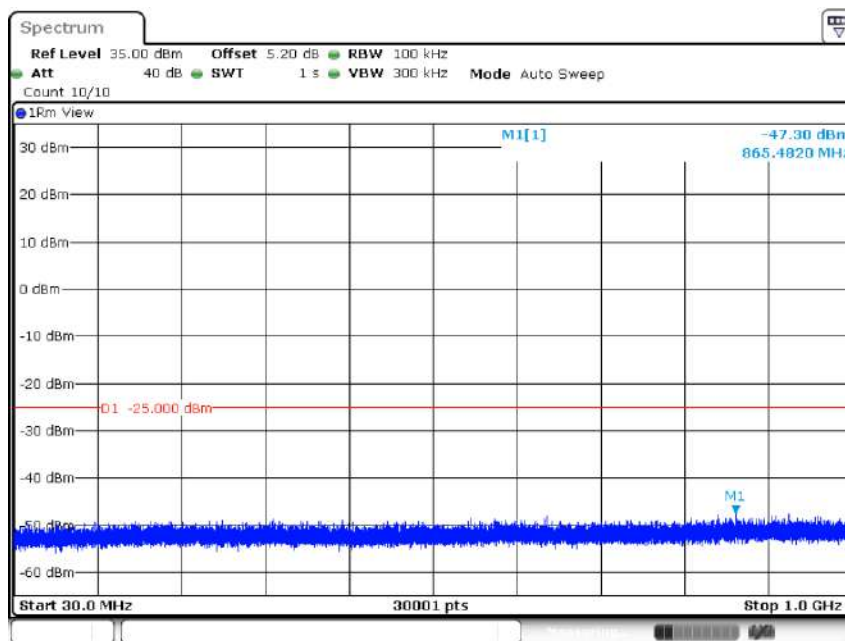
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Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:04:31

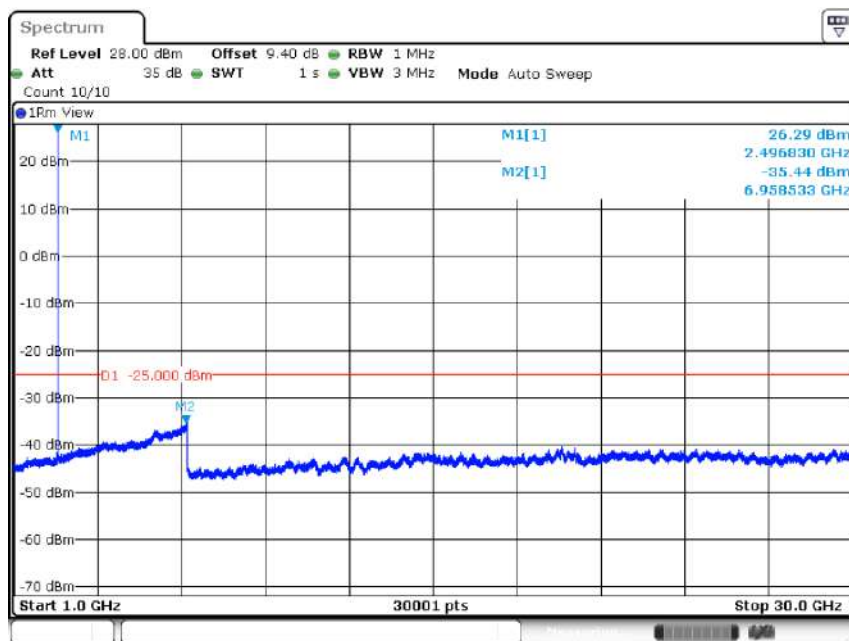
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Date: 10 DEC.2020 13:30:00

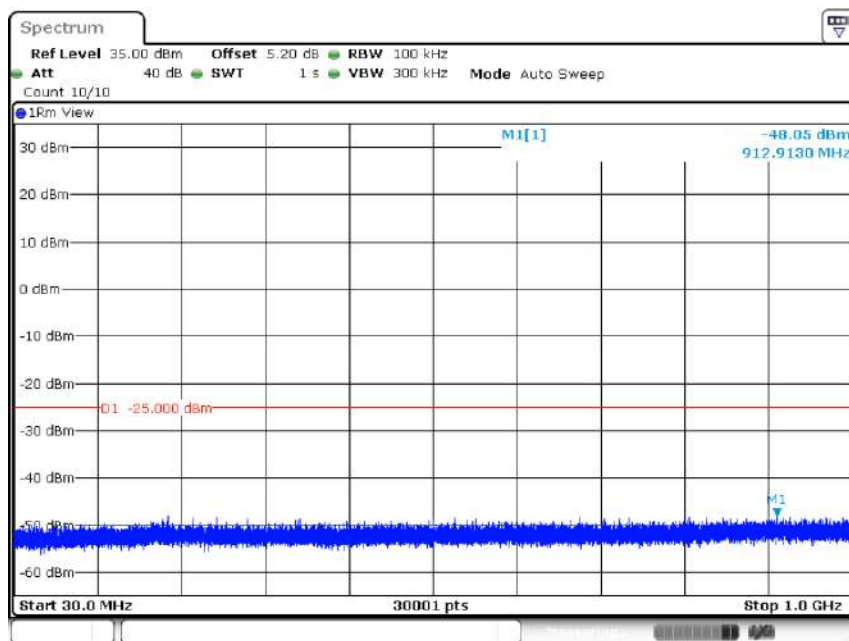


Band41-20MHz-64QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:30:17

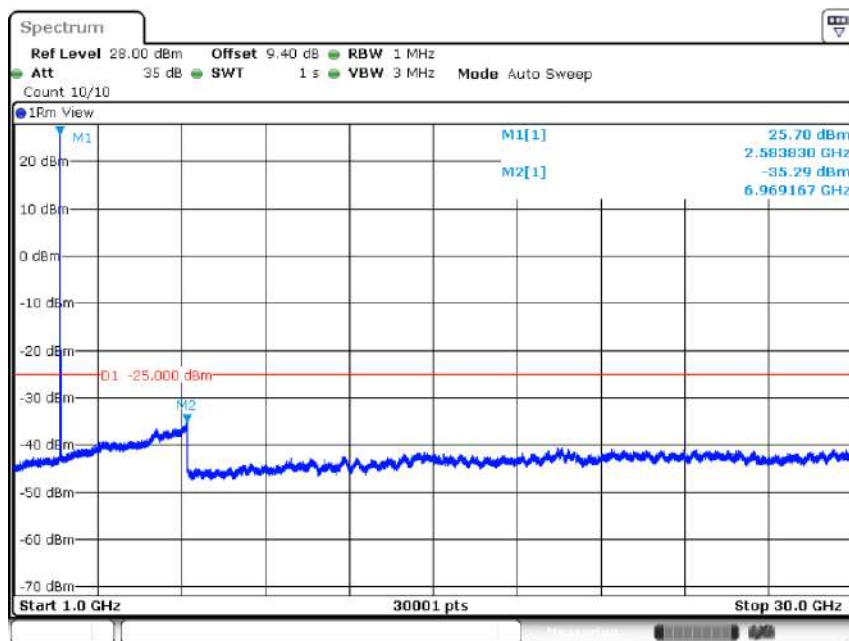
Band41-20MHz-64QAM-40620-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:30:36

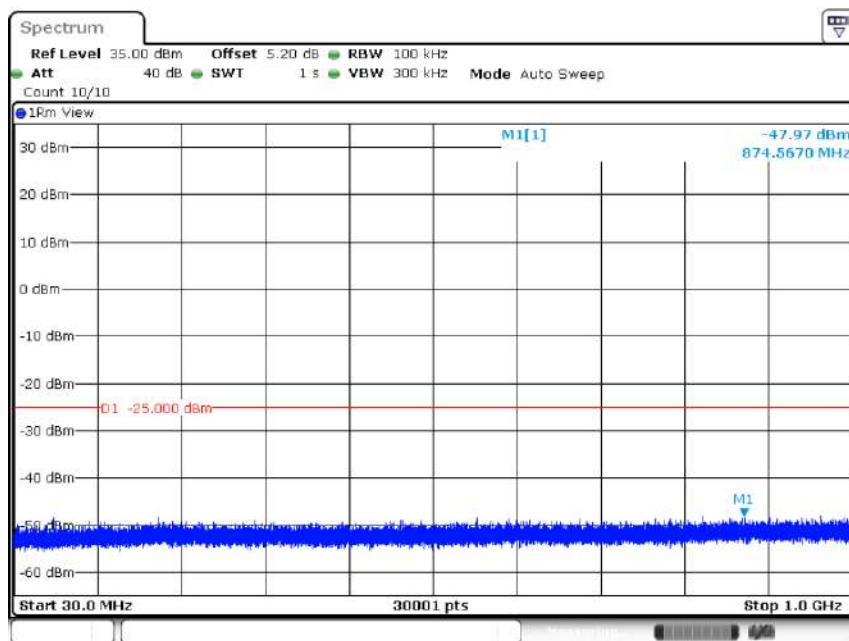


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Date: 10 DEC.2020 13:30:52

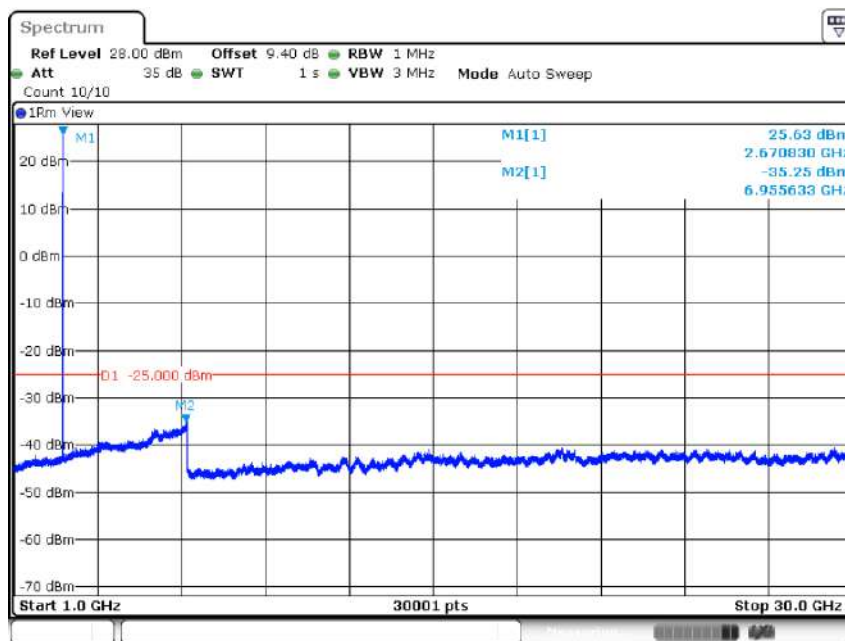
Band41-20MHz-64QAM-41490-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:31:12

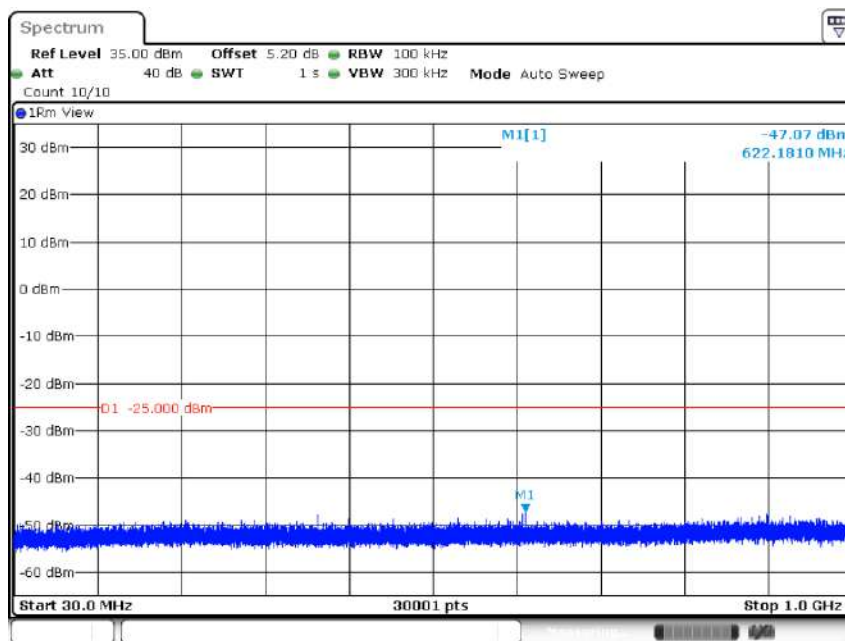


Band41-20MHz-64QAM-41490-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:31:28

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



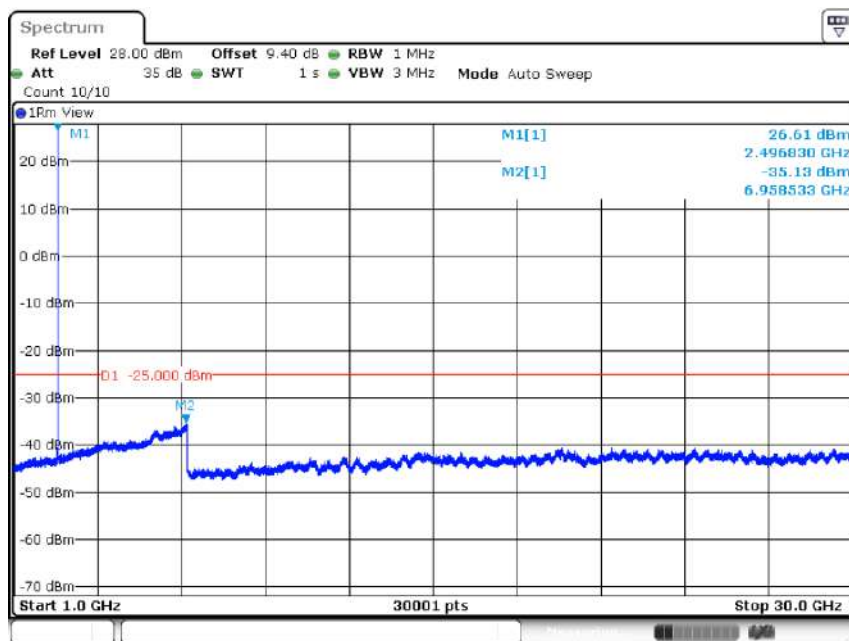
Date: 10 DEC.2020 13:02:28



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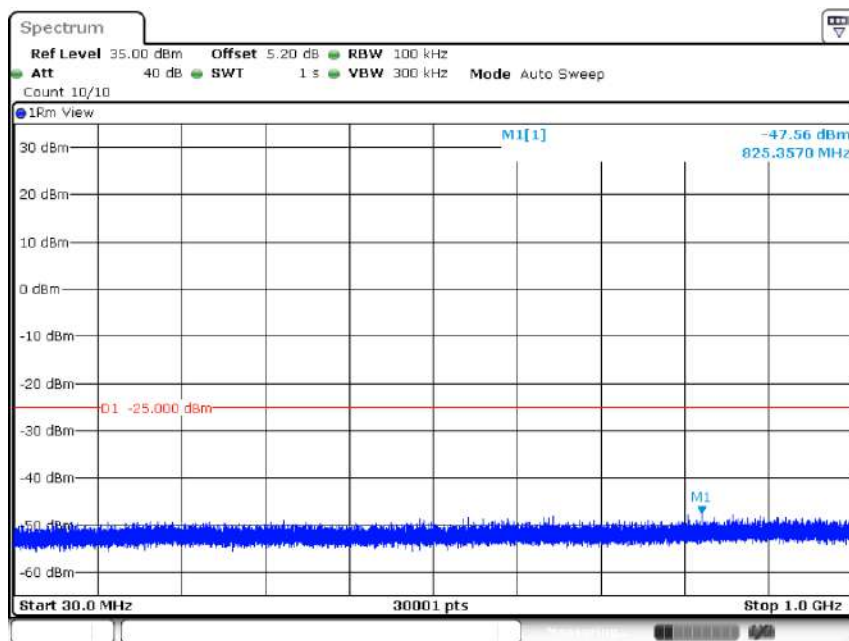
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Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~30000MHz



Date: 10 DEC.2020 13:02:45

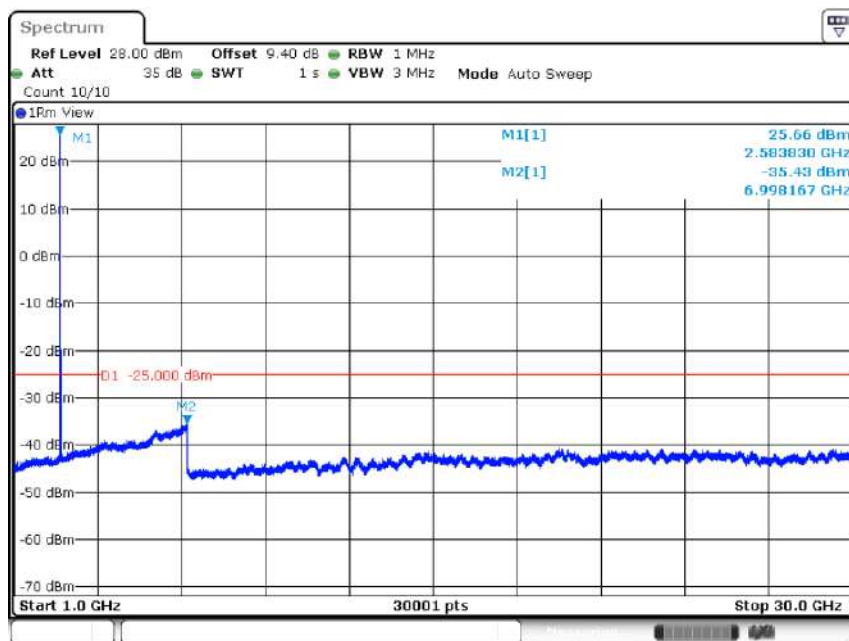
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Date: 10 DEC.2020 13:03:39

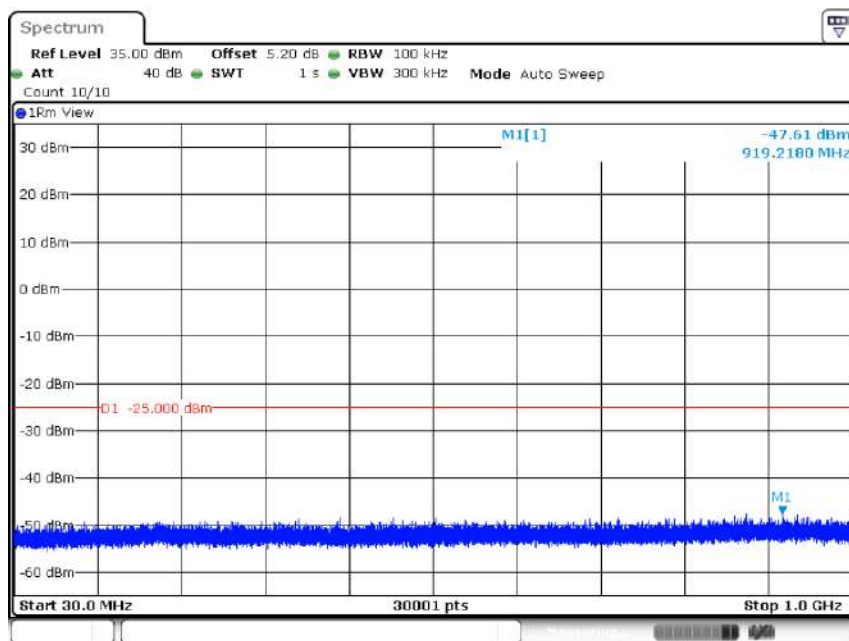


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Date: 10 DEC.2020 13:03:56

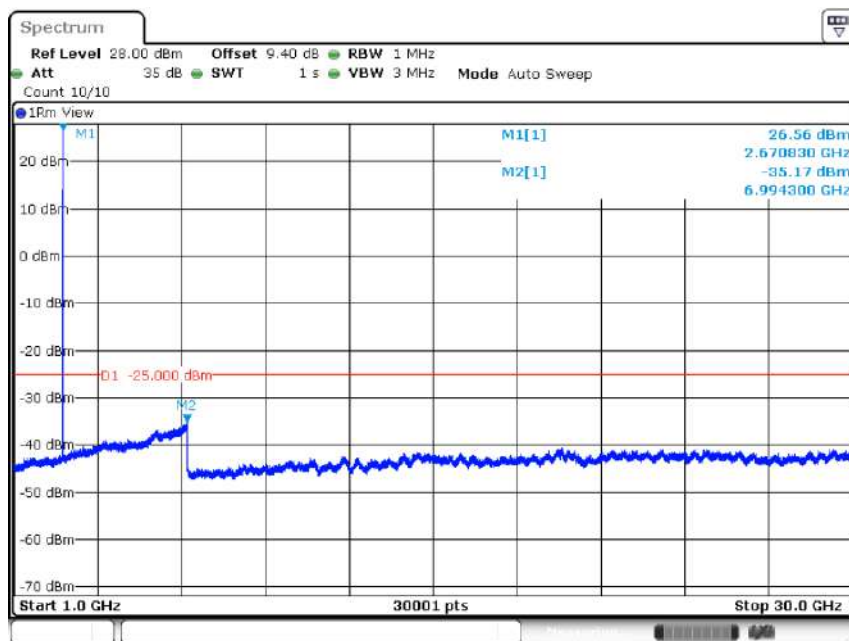
Band41-20MHz-16QAM-41490-1RB#0-Range1:30~1000MHz



Date: 10 DEC.2020 13:04:50



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



Date: 10 DEC. 2020 13:05:07



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz(ANT4)

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.050000	-78.86	-25.00	53.86	198	162	Vertical
124.950000	-83.38	-25.00	58.38	228	87	Vertical
349.350000	-84.18	-25.00	59.18	259	354	Vertical
4896.050000	-65.02	-25.00	40.02	291	112	Vertical
7026.750000	-62.59	-25.00	37.59	188	192	Vertical
9988.475000	-57.39	-25.00	32.39	250	134	Vertical
62.000000	-75.58	-25.00	50.58	262	103	Horizontal
90.450000	-85.53	-25.00	60.53	205	167	Horizontal
206.500000	-84.48	-25.00	59.48	276	176	Horizontal
4339.975000	-65.02	-25.00	40.02	262	153	Horizontal
7066.400000	-62.87	-25.00	37.87	198	93	Horizontal
9988.800000	-58.33	-25.00	33.33	293	153	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
63.500000	-79.81	-25.00	54.81	226	254	Vertical
125.000000	-82.66	-25.00	57.66	157	346	Vertical
345.150000	-84.38	-25.00	59.38	272	245	Vertical
4305.850000	-65.40	-25.00	40.40	284	70	Vertical
7752.475000	-61.49	-25.00	36.49	233	195	Vertical
10336.225000	-60.12	-25.00	35.12	194	228	Vertical
63.950000	-75.53	-25.00	50.53	199	95	Horizontal
134.750000	-87.01	-25.00	62.01	254	149	Horizontal
475.804167	-82.68	-25.00	57.68	212	0	Horizontal
4473.550000	-65.40	-25.00	40.40	194	2	Horizontal
7030.650000	-62.87	-25.00	37.87	253	60	Horizontal
10336.550000	-58.58	-25.00	33.58	211	165	Horizontal





7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.350000	-79.68	-25.00	54.68	289	31	Vertical
125.000000	-83.69	-25.00	58.69	214	252	Vertical
340.950000	-84.48	-25.00	59.48	160	234	Vertical
4313.650000	-65.00	-25.00	40.00	234	126	Vertical
8013.450000	-58.71	-25.00	33.71	171	206	Vertical
10684.300000	-56.56	-25.00	31.56	254	160	Vertical
55.050000	-75.87	-25.00	50.87	247	0	Horizontal
208.400000	-84.47	-25.00	59.47	169	0	Horizontal
610.141667	-80.63	-25.00	55.63	205	168	Horizontal
4280.500000	-64.72	-25.00	39.72	171	107	Horizontal
7045.925000	-62.95	-25.00	37.95	273	142	Horizontal
10684.625000	-59.97	-25.00	34.97	276	154	Horizontal

7.2. Test Mode =LTE/TM1 20MHz(ANT3)

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.800000	-79.27	-25.00	54.27	204	227	Vertical
125.000000	-83.07	-25.00	58.07	226	311	Vertical
334.550000	-83.37	-25.00	58.37	295	349	Vertical
4994.200000	-57.58	-25.00	32.58	160	323	Vertical
7491.500000	-54.96	-25.00	29.96	282	312	Vertical
9988.475000	-56.31	-25.00	31.31	193	0	Vertical
62.450000	-75.53	-25.00	50.53	218	83	Horizontal
91.500000	-80.98	-25.00	55.98	275	158	Horizontal
313.150000	-83.32	-25.00	58.32	268	179	Horizontal
4994.200000	-63.43	-25.00	38.43	219	38	Horizontal
7491.500000	-54.98	-25.00	29.98	288	15	Horizontal
10624.175000	-60.65	-25.00	35.65	285	164	Horizontal



7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
64.400000	-79.61	-25.00	54.61	160	62	Vertical
125.000000	-83.12	-25.00	58.12	181	53	Vertical
327.100000	-83.80	-25.00	58.80	230	90	Vertical
5168.075000	-60.45	-25.00	35.45	184	301	Vertical
7752.150000	-57.79	-25.00	32.79	233	313	Vertical
10336.225000	-53.94	-25.00	28.94	231	335	Vertical
62.150000	-75.39	-25.00	50.39	290	76	Horizontal
89.900000	-80.86	-25.00	55.86	201	140	Horizontal
300.300000	-83.39	-25.00	58.39	252	180	Horizontal
5168.400000	-64.25	-25.00	39.25	248	38	Horizontal
7752.150000	-59.15	-25.00	34.15	230	26	Horizontal
11267.025000	-61.50	-25.00	36.50	161	143	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.100000	-78.86	-25.00	53.86	228	178	Vertical
104.250000	-83.58	-25.00	58.58	269	20	Vertical
319.350000	-84.06	-25.00	59.06	209	77	Vertical
4419.600000	-64.55	-25.00	39.55	196	263	Vertical
8013.125000	-53.94	-25.00	28.94	236	299	Vertical
10684.625000	-53.46	-25.00	28.46	258	0	Vertical
62.350000	-74.88	-25.00	49.88	294	148	Horizontal
159.450000	-83.59	-25.00	58.59	158	139	Horizontal
303.750000	-83.38	-25.00	58.38	150	179	Horizontal
5342.275000	-63.65	-25.00	38.65	238	1	Horizontal
7992.000000	-61.35	-25.00	36.35	199	49	Horizontal
10684.625000	-59.81	-25.00	34.81	289	175	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.



8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	VL	NT	-12.10	-0.004828	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VN	NT	-0.10	-0.000040	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	VH	NT	-10.60	-0.004230	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-0.90	-0.000347	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-4.30	-0.001658	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-8.20	-0.003162	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VL	NT	0.20	0.000075	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VN	NT	-10.80	-0.004030	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	VH	NT	-9.30	-0.003470	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VL	NT	0.30	0.000120	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VN	NT	-12.90	-0.005148	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	VH	NT	-0.80	-0.000319	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VL	NT	-6.50	-0.002507	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VN	NT	-2.20	-0.000848	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	VH	NT	-12.60	-0.004859	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VL	NT	-13.00	-0.004851	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VN	NT	-8.40	-0.003134	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	VH	NT	-6.80	-0.002537	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VL	NT	-3.50	-0.001397	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VN	NT	-14.30	-0.005706	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	VH	NT	-6.70	-0.002674	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VL	NT	-5.20	-0.002005	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VN	NT	-4.90	-0.001890	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	VH	NT	-6.10	-0.002352	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VL	NT	-2.70	-0.001007	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VN	NT	-6.40	-0.002388	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	VH	NT	-11.40	-0.004254	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	NV	-30	-7.10	-0.002833	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-20	-11.00	-0.004389	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	-10	-11.40	-0.004549	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	0	-2.50	-0.000998	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	10	-12.90	-0.005148	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	20	-11.40	-0.004549	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	30	-4.20	-0.001676	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	40	-2.90	-0.001157	±2.5	PASS
Band41	20MHz	QPSK	39750	100RB#0	NV	50	1.90	0.000758	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-7.30	-0.002815	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-11.40	-0.004396	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-2.10	-0.000810	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-2.00	-0.000771	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-11.40	-0.004396	±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	40	-0.40	-0.000154	±2.5	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-1.80	-0.000694	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-30	-7.60	-0.002836	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-20	-1.40	-0.000522	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	-10	-12.10	-0.004515	±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	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	20	-11.40	-0.004254	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	30	-6.90	-0.002575	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	40	-3.90	-0.001455	±2.5	PASS
Band41	20MHz	QPSK	41490	100RB#0	NV	50	-11.70	-0.004366	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-30	-4.00	-0.001596	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-20	-10.70	-0.004270	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	-10	-2.50	-0.000964	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	0	-13.50	-0.005387	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	10	-1.80	-0.000718	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	20	-11.90	-0.004749	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	30	1.80	0.000718	±2.5	PASS



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Band41	20MHz	64QAM	39750	100RB#0	NV	40	-2.50	-0.000998	±2.5	PASS
Band41	20MHz	64QAM	39750	100RB#0	NV	50	-6.60	-0.002634	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-30	-2.50	-0.000964	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-20	-8.70	-0.003355	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	-10	-8.70	-0.003355	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	0	-11.00	-0.004242	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	10	0.80	0.000309	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	20	-6.50	-0.002507	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	30	-9.60	-0.003702	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	40	-14.30	-0.005515	±2.5	PASS
Band41	20MHz	64QAM	40620	100RB#0	NV	50	-3.40	-0.001311	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-30	-0.10	-0.000037	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-20	-12.10	-0.004515	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	-10	-0.10	-0.000037	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	0	-8.60	-0.003209	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	10	-8.10	-0.003022	±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	30	-9.80	-0.003657	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	40	-9.90	-0.003694	±2.5	PASS
Band41	20MHz	64QAM	41490	100RB#0	NV	50	-12.30	-0.004590	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-30	-7.10	-0.002833	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-20	-4.10	-0.001636	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	-10	-9.60	-0.003831	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	0	0.70	0.000279	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	10	-1.40	-0.000559	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	20	-7.90	-0.003152	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	30	-14.20	-0.005666	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	40	-9.60	-0.003831	±2.5	PASS
Band41	20MHz	16QAM	39750	100RB#0	NV	50	-14.90	-0.005946	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-30	-2.70	-0.001041	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-20	-0.10	-0.000039	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	-10	-14.10	-0.005438	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	0	-1.70	-0.000656	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	10	-14.10	-0.005438	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	20	-14.00	-0.005399	±2.5	PASS
Band41	20MHz	16QAM	40620	100RB#0	NV	30	-6.80	-0.002622	±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	-2.40	-0.000926	±2.5	PASS



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Band41	20MHz	16QAM	41490	100RB#0	NV	-30	-12.30	-0.004590	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-20	-6.10	-0.002276	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	-10	-12.30	-0.004590	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	0	-4.50	-0.001679	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	10	-1.10	-0.000410	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	20	0.50	0.000187	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	30	-11.60	-0.004328	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	40	-8.70	-0.003246	±2.5	PASS
Band41	20MHz	16QAM	41490	100RB#0	NV	50	-4.50	-0.001679	±2.5	PASS



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