Appendix B

E-UTRA Band 5

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1 Effective (Isotropic) Radiated Power

1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.51	19.45	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.34	19.28	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.15	19.09	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.64	19.58	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.49	19.43	38.45	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.62	19.56	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.43	18.37	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.31	19.25	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.35	19.29	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.14	19.08	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.46	19.40	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.49	19.43	38.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.58	19.52	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.42	18.36	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.35	19.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.39	19.33	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.16	19.10	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.43	19.37	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.35	19.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.34	19.28	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.43	18.37	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.68	18.62	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.37	18.31	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.42	18.36	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.38	18.32	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.43	18.37	38.45	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.36	18.30	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.25	17.19	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.55	18.49	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.58	18.52	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.46	18.40	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.41	18.35	38.45	PASS

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Band5	1.4MHz	16QAM	20525	3RB#1	22.34	18.28	38.45	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.24	18.18	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.15	17.09	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.09	18.03	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.97	17.91	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.52	18.46	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.28	18.22	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.24	18.18	38.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.26	18.20	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.18	17.12	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.49	17.43	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.26	17.20	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.08	17.02	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#0	21.54	17.48	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#1	21.49	17.43	38.45	PASS
Band5	1.4MHz	64QAM	20407	3RB#3	21.59	17.53	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	20.38	16.32	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.22	17.16	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.33	17.27	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.12	17.06	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#0	21.42	17.36	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#1	21.43	17.37	38.45	PASS
Band5	1.4MHz	64QAM	20525	3RB#3	21.50	17.44	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.34	16.28	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.29	17.23	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.31	17.25	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.08	17.02	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#0	21.35	17.29	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#1	21.32	17.26	38.45	PASS
Band5	1.4MHz	64QAM	20643	3RB#3	21.25	17.19	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.42	16.36	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.58	19.52	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.74	19.68	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.46	19.40	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.42	18.36	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.46	18.40	38.45	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.50	18.44	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.47	18.41	38.45	PASS

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Band5	3MHz	QPSK	20525	1RB#0	23.36	19.30	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.19	19.13	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.13	19.07	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.39	18.33	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.30	18.24	38.45	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.30	18.24	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.44	18.38	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.41	19.35	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.33	19.27	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.12	19.06	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.37	18.31	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.46	18.40	38.45	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.42	18.36	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.44	18.38	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.38	18.32	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.19	18.13	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.88	17.82	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.61	17.55	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.20	17.14	38.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.43	17.37	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.66	17.60	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.19	18.13	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.97	17.91	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.67	18.61	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.14	17.08	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.37	17.31	38.45	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.32	17.26	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.45	17.39	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.47	18.41	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.07	18.01	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.47	18.41	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.29	17.23	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.43	17.37	38.45	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.26	17.20	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.53	17.47	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.50	17.44	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.65	17.59	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.42	17.36	38.45	PASS

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Band5	3MHz	64QAM	20415	8RB#0	20.41	16.35	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#4	20.46	16.40	38.45	PASS
Band5	3MHz	64QAM	20415	8RB#7	20.41	16.35	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.40	16.34	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.31	17.25	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.14	17.08	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.06	17.00	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#0	20.38	16.32	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#4	20.29	16.23	38.45	PASS
Band5	3MHz	64QAM	20525	8RB#7	20.29	16.23	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.35	16.29	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.40	17.34	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.28	17.22	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.03	16.97	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#0	20.29	16.23	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#4	20.41	16.35	38.45	PASS
Band5	3MHz	64QAM	20635	8RB#7	20.42	16.36	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.37	16.31	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.47	19.41	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.29	19.23	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.18	19.12	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.42	18.36	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.54	18.48	38.45	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.43	18.37	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.53	18.47	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.28	19.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.16	19.10	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.18	19.12	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.34	18.28	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.31	18.25	38.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.24	18.18	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.29	18.23	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.08	19.02	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.00	18.94	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.09	19.03	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.40	18.34	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.38	18.32	38.45	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.42	18.36	38.45	PASS

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Band5	5MHz	QPSK	20625	25RB#0	22.41	18.35	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.16	18.10	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.24	18.18	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.77	17.71	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.25	17.19	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.36	17.30	38.45	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.37	17.31	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.55	17.49	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.97	17.91	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.76	17.70	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.76	17.70	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.14	17.08	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.10	17.04	38.45	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.11	17.05	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.35	17.29	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.56	18.50	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.13	18.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.24	18.18	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.22	17.16	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.22	17.16	38.45	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.59	17.53	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.59	17.53	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.43	17.37	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.27	17.21	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.12	17.06	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#0	20.41	16.35	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#6	20.45	16.39	38.45	PASS
Band5	5MHz	64QAM	20425	12RB#13	20.36	16.30	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	20.51	16.45	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.22	17.16	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.09	17.03	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.10	17.04	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#0	20.31	16.25	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#6	20.25	16.19	38.45	PASS
Band5	5MHz	64QAM	20525	12RB#13	20.19	16.13	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.20	16.14	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.05	16.99	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	20.94	16.88	38.45	PASS

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Band5	5MHz	64QAM	20625	1RB#24	21.00	16.94	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#0	20.31	16.25	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#6	20.35	16.29	38.45	PASS
Band5	5MHz	64QAM	20625	12RB#13	20.40	16.34	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.33	16.27	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.38	19.32	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.32	19.26	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.28	19.22	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.56	18.50	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.40	18.34	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.47	18.41	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.41	18.35	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.21	19.15	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.30	19.24	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.23	19.17	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.28	18.22	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.23	18.17	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.33	18.27	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.27	18.21	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.47	19.41	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.52	19.46	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.46	19.40	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.47	18.41	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.32	18.26	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.48	18.42	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.56	18.50	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.26	18.20	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.93	17.87	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.54	18.48	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.49	17.43	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.45	17.39	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.45	17.39	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.43	17.37	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.30	18.24	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.82	17.76	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.02	17.96	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.48	17.42	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.30	17.24	38.45	PASS

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Band5	10MHz	16QAM	20525	25RB#25	21.44	17.38	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.25	17.19	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.01	17.95	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.98	17.92	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.17	18.11	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.22	17.16	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.42	17.36	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.55	17.49	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.32	17.26	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.34	17.28	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.23	17.17	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.26	17.20	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	20.47	16.41	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.33	16.27	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	20.45	16.39	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.39	16.33	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.20	17.14	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.22	17.16	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.18	17.12	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	20.23	16.17	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	20.14	16.08	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	20.23	16.17	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.25	16.19	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.39	17.33	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.43	17.37	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.39	17.33	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.38	16.32	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.32	16.26	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.39	16.33	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.51	16.45	38.45	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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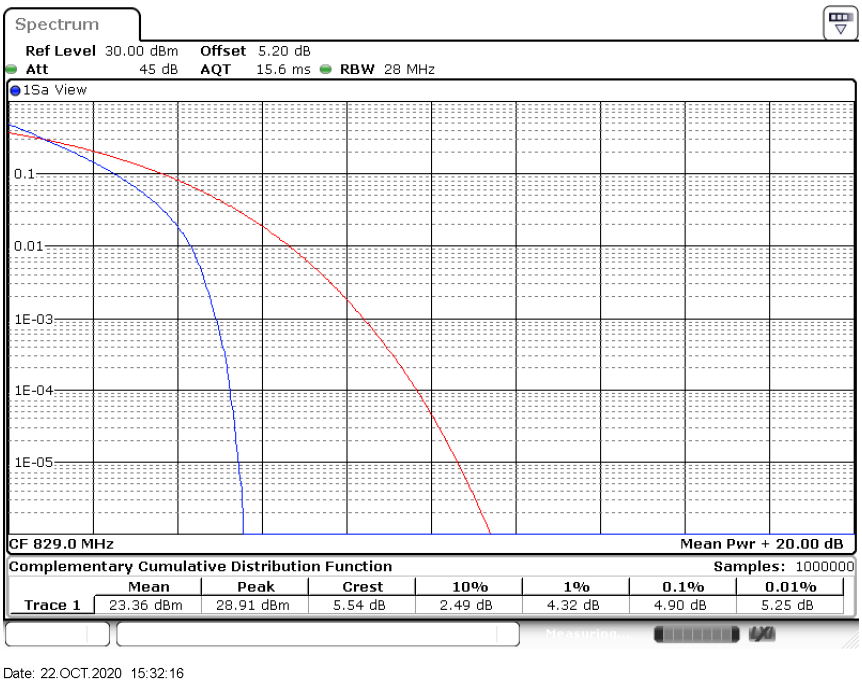
2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	4.90	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.78	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.04	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.77	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.57	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.88	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	6.55	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	6.38	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	6.61	13	PASS

2.2 Test Plots

Band5-10MHz-QPSK-20450-50RB#0



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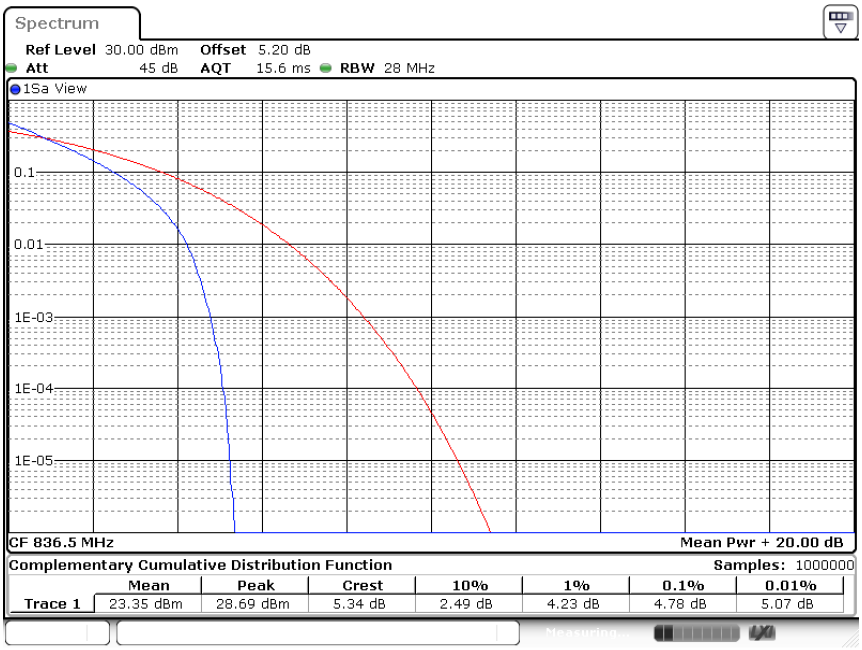
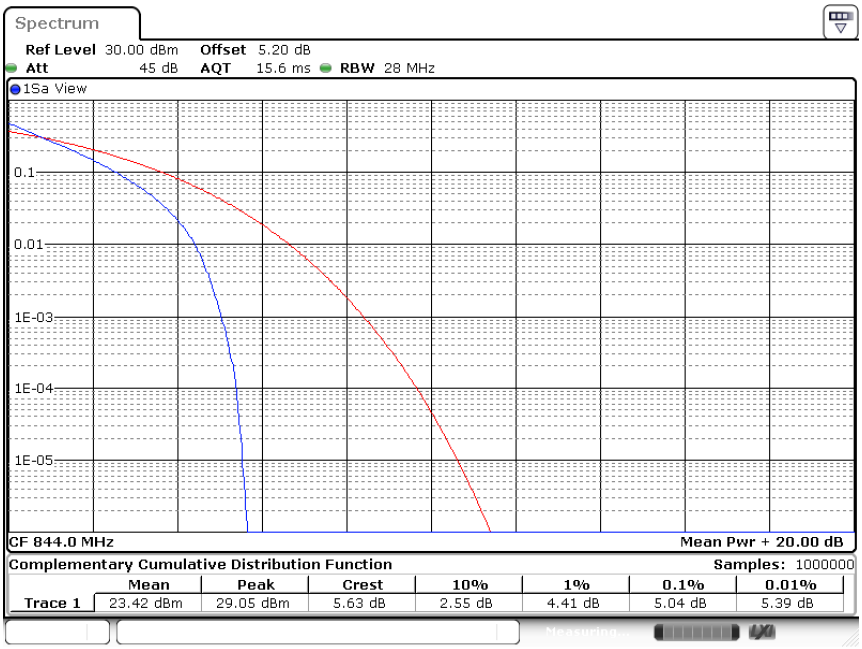
Band5-10MHz-QPSK-20525-50RB#0



Date: 22.OCT.2020 15:32:44

Band5-10MHz-QPSK-20600-50RB#0



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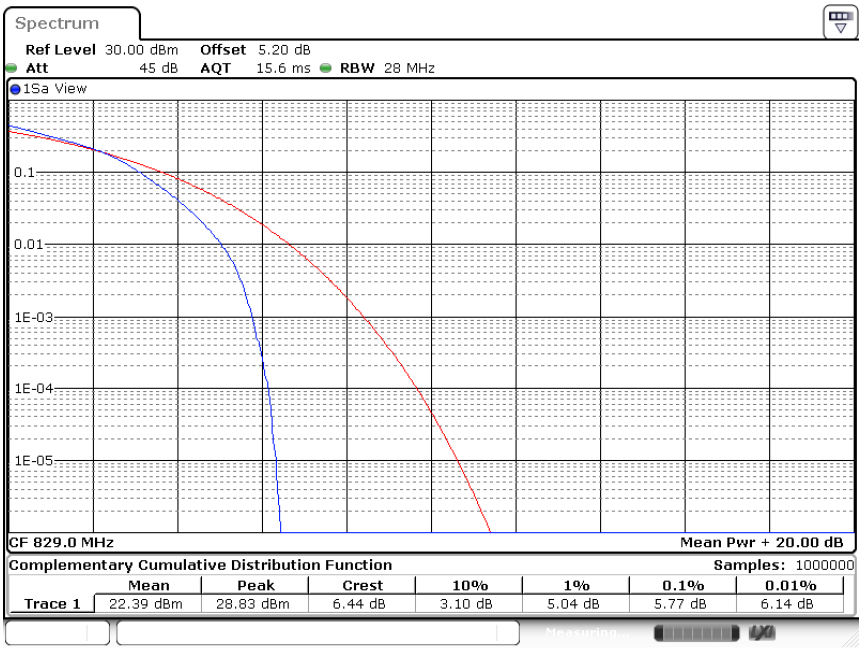
Band5-10MHz-16QAM-20450-50RB#0



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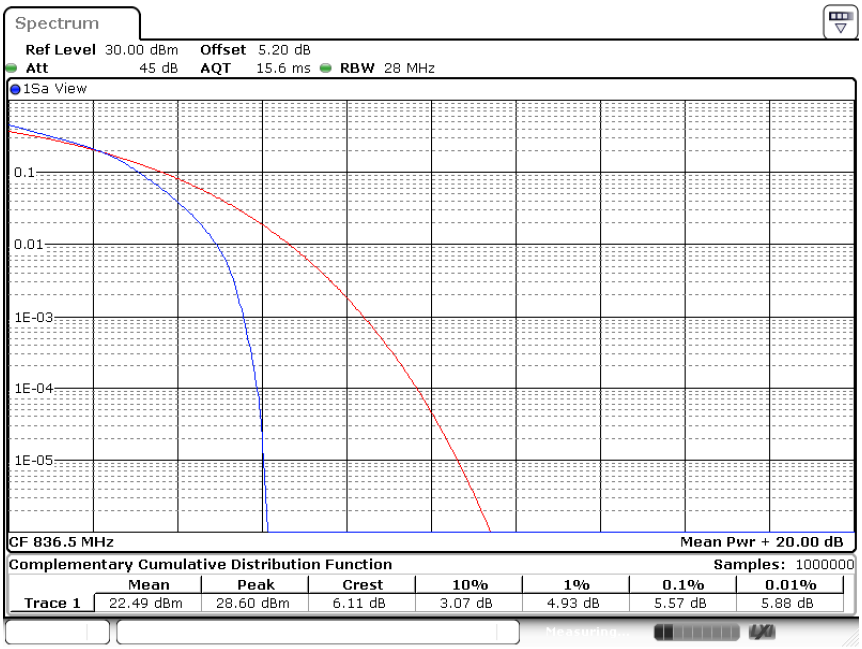

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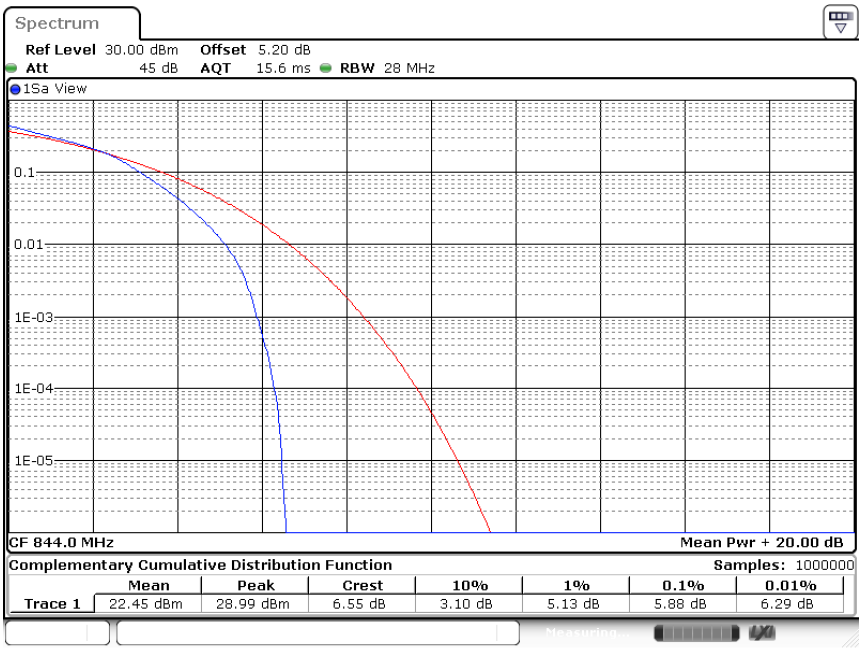
Band5-10MHz-16QAM-20600-50RB#0



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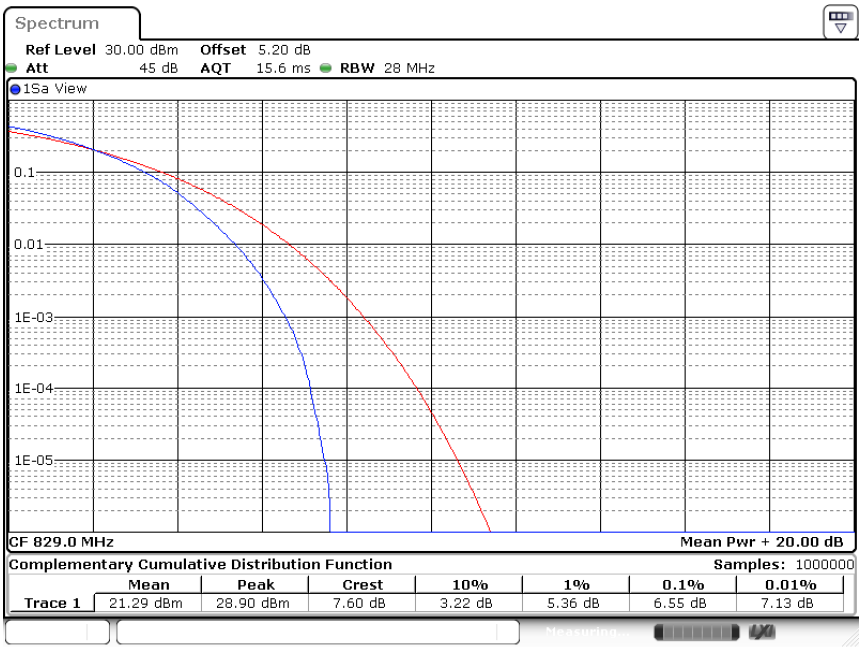
Band5-10MHz-64QAM-20450-50RB#0



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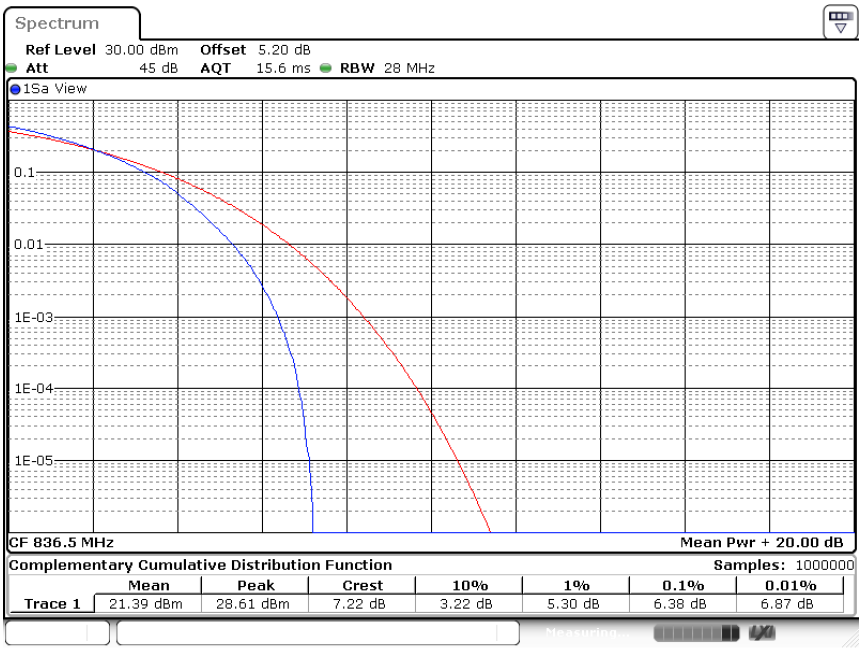
Band5-10MHz-64QAM-20525-50RB#0



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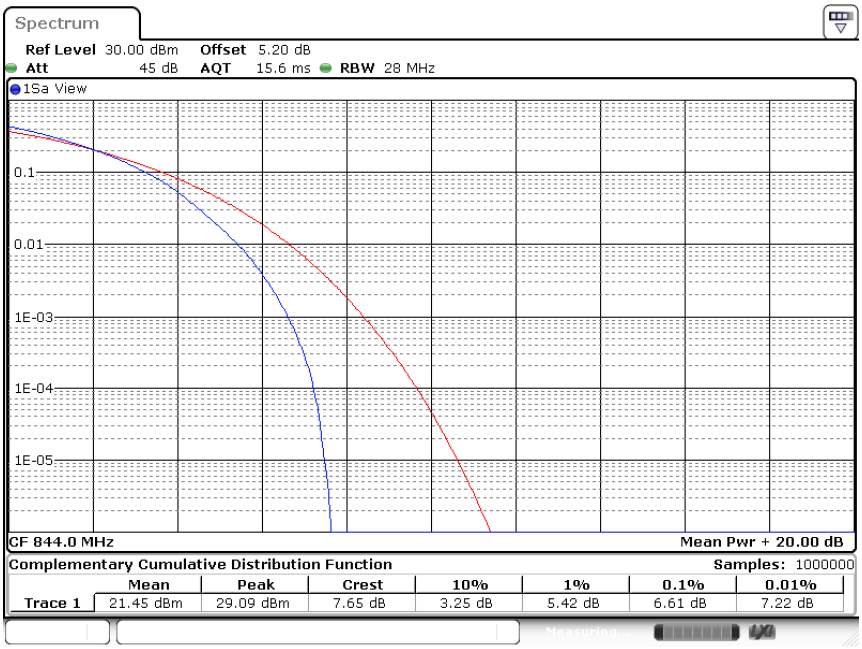
Band5-10MHz-64QAM-20600-50RB#0



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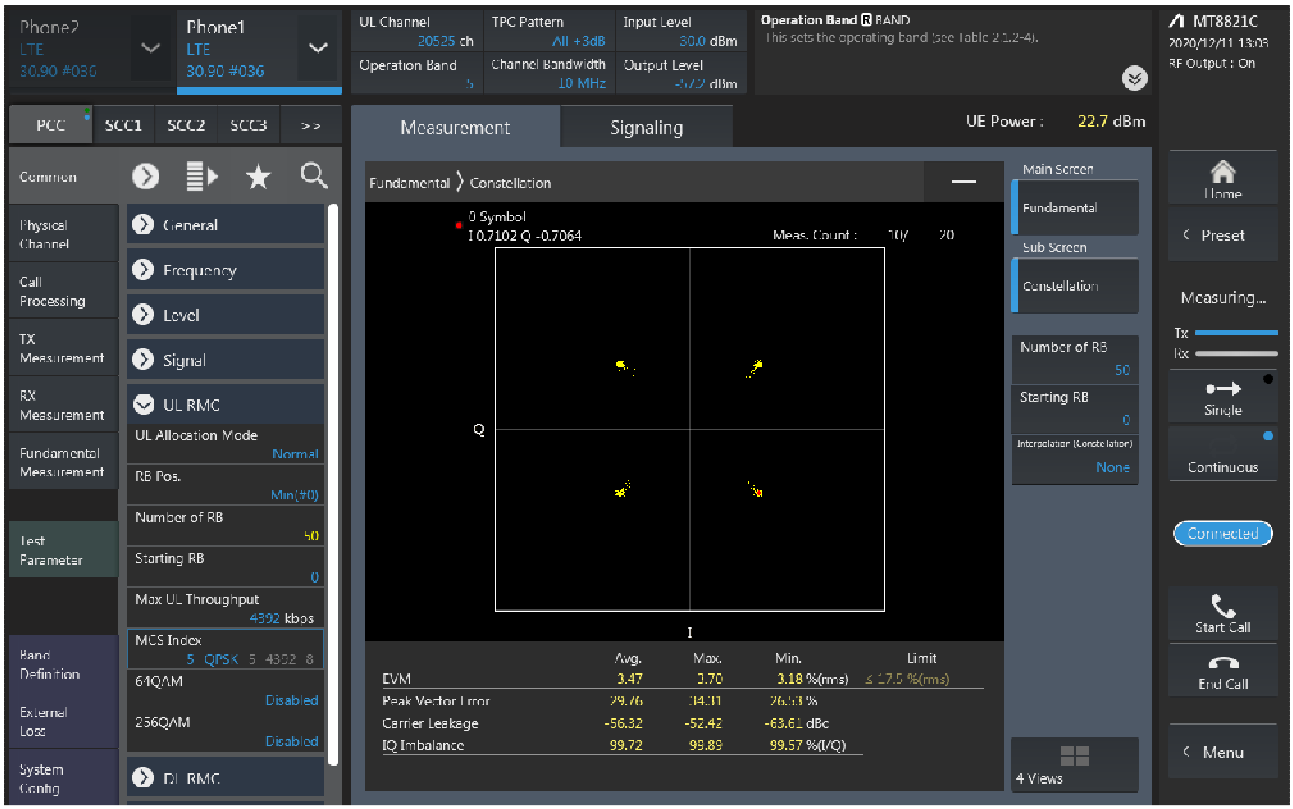
3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

3.1.1 Test Channel = MCH



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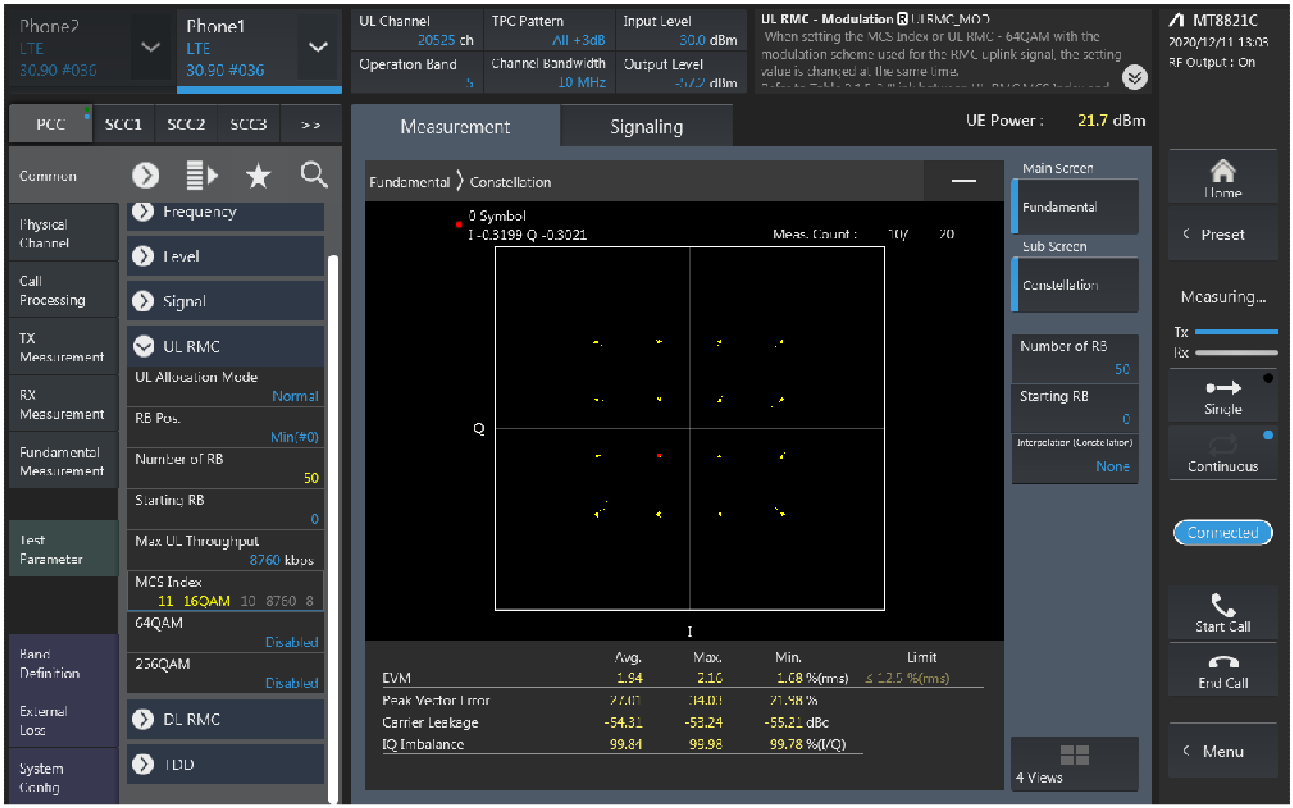
3.2 Test Mode = LTE /TM2 10MHz

3.2.1 Test Channel = MCH



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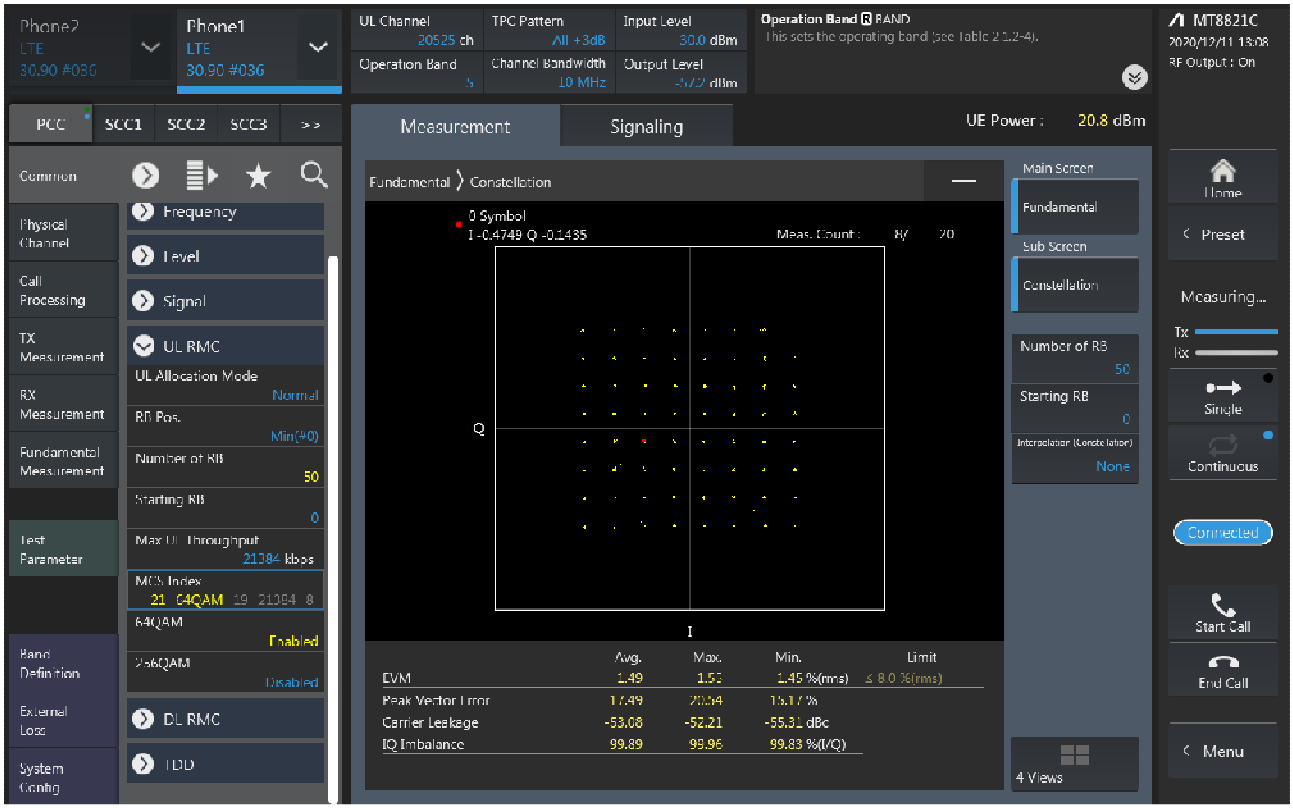
3.3 Test Mode = LTE /TM3 10MHz

3.3.1 Test Channel = MCH



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4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.091	1.290	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.094	1.299	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.094	1.293	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.091	1.278	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.091	1.281	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.091	1.281	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.097	1.290	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.097	1.293	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.097	1.296	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.697	3.000	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.000	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.703	3.000	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.685	2.976	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.685	2.964	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.685	2.964	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.691	2.976	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.691	2.976	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.691	2.976	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.466	4.920	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.476	4.920	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.476	4.940	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.486	4.970	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.960	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.486	4.960	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.466	4.920	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.476	4.920	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.476	4.920	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.931	9.700	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.911	9.640	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.911	9.780	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.931	9.720	PASS

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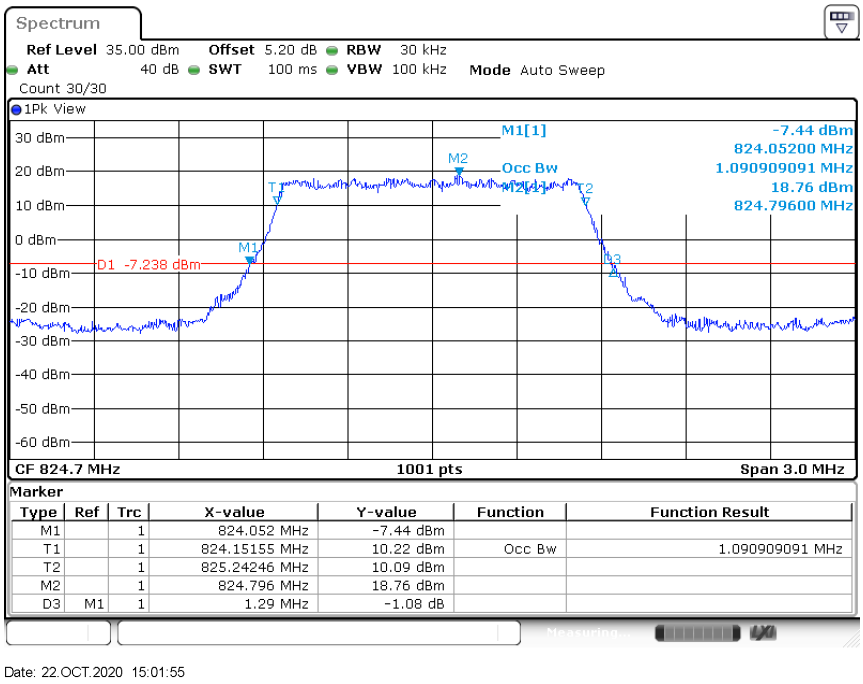
Band5	10MHz	16QAM	20525	50RB#0	8.911	9.720	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.740	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.911	9.680	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.911	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.740	PASS

4.2 Test Plots

Band5-1.4MHz-QPSK-20407-6RB#0-1.091



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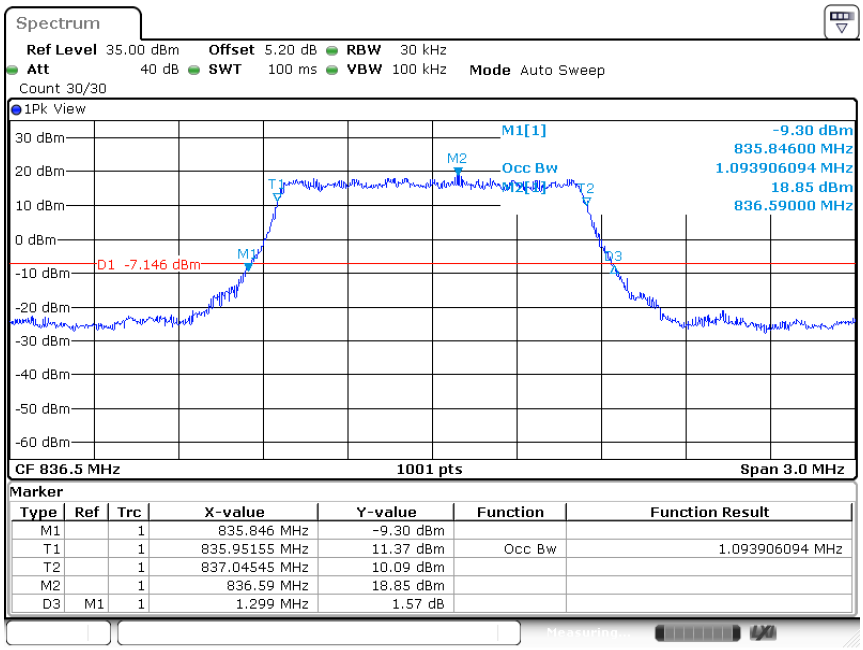
Band5-1.4MHz-QPSK-20525-6RB#0-1.094



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.846 MHz	-9.30 dBm		
T1		1	835.95155 MHz	11.37 dBm	Occ Bw	1.093906094 MHz
T2		1	837.04545 MHz	10.09 dBm		
M2		1	836.59 MHz	18.85 dBm		
D3	M1	1	1.299 MHz	1.57 dB		

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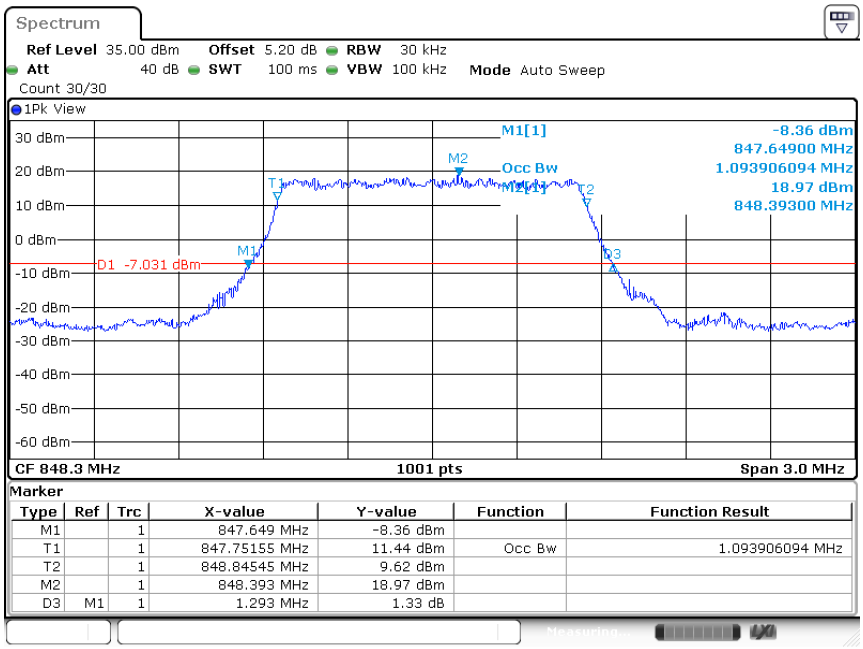
Band5-1.4MHz-QPSK-20643-6RB#0-1.094



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	847.649 MHz	-8.36 dBm		
T1		1	847.75155 MHz	11.44 dBm	Occ Bw	1.093906094 MHz
T2		1	848.84545 MHz	9.62 dBm		
M2		1	848.393 MHz	18.97 dBm		
D3	M1	1	1.293 MHz	1.33 dB		

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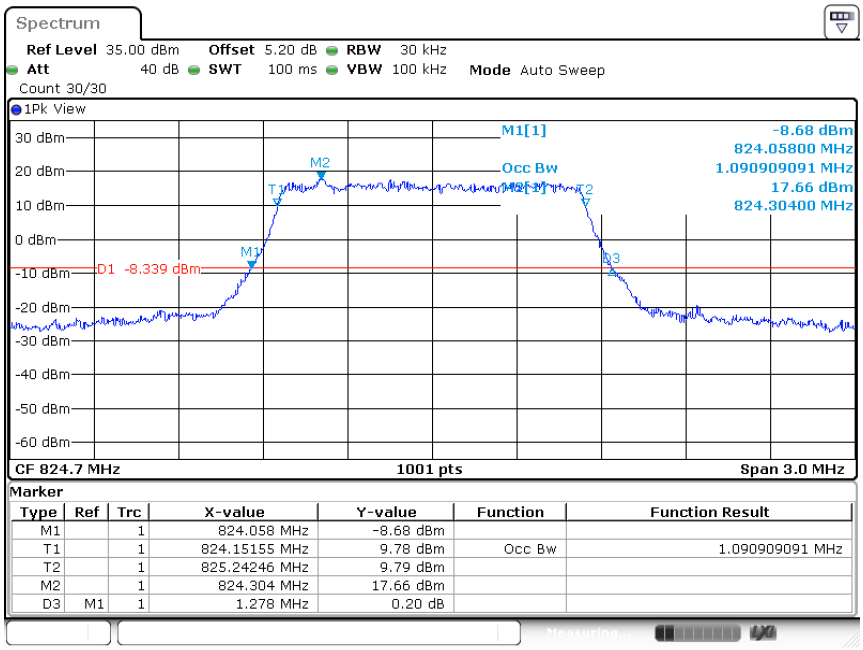

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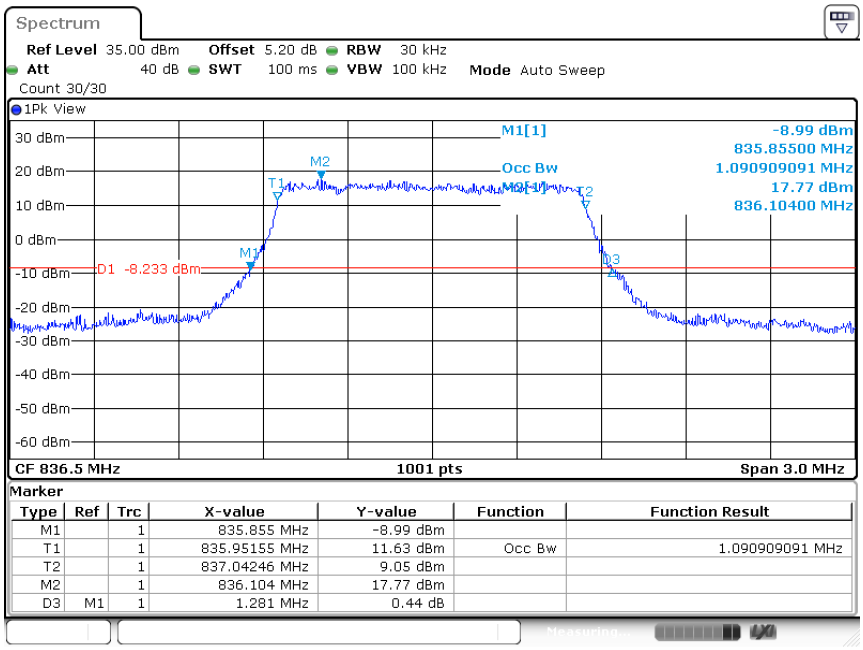
Band5-1.4MHz-16QAM-20525-6RB#0-1.091



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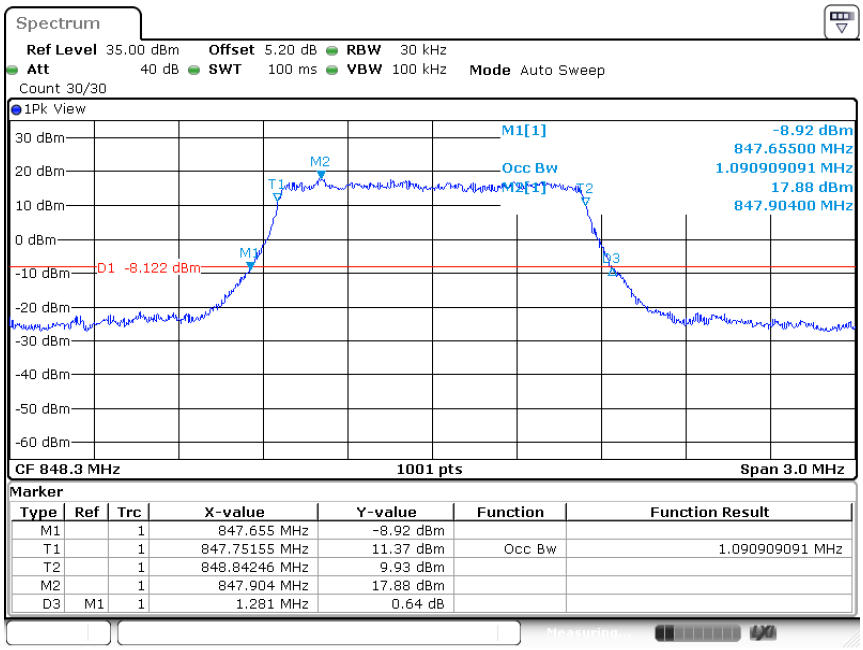
Band5-1.4MHz-16QAM-20643-6RB#0-1.091



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	847.655 MHz	-8.92 dBm		
T1		1	847.75155 MHz	11.37 dBm	Occ Bw	1.090909091 MHz
T2		1	848.84246 MHz	9.93 dBm		
M2		1	847.904 MHz	17.88 dBm		
D3	M1	1	1.281 MHz	0.64 dB		

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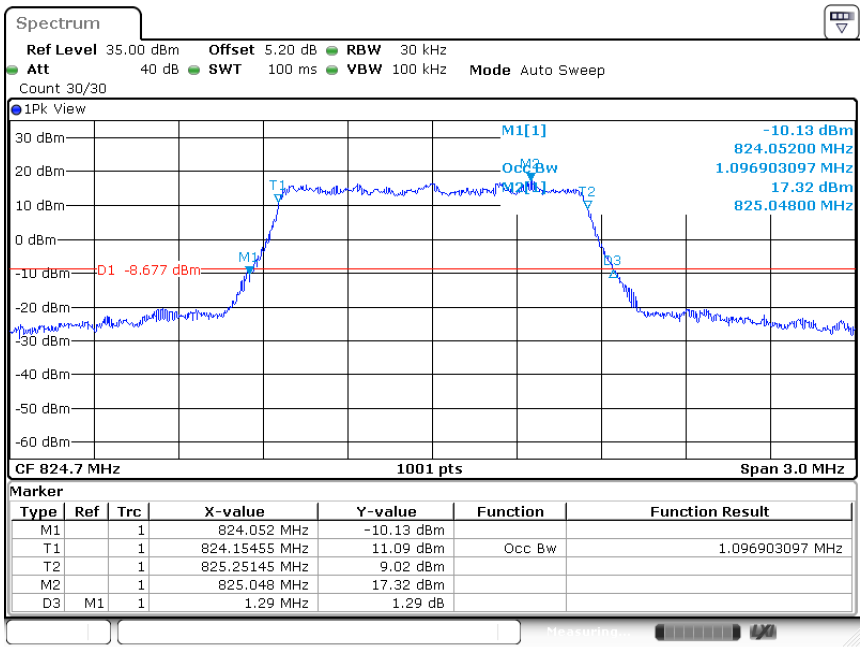
Band5-1.4MHz-64QAM-20407-6RB#0-1.097



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.052 MHz	-10.13 dBm		
T1		1	824.15455 MHz	11.09 dBm	Occ Bw	1.096903097 MHz
T2		1	825.25145 MHz	9.02 dBm		
M2		1	825.048 MHz	17.32 dBm		
D3	M1	1	1.29 MHz	1.29 dB		

Date: 22.OCT.2020 16:50:14

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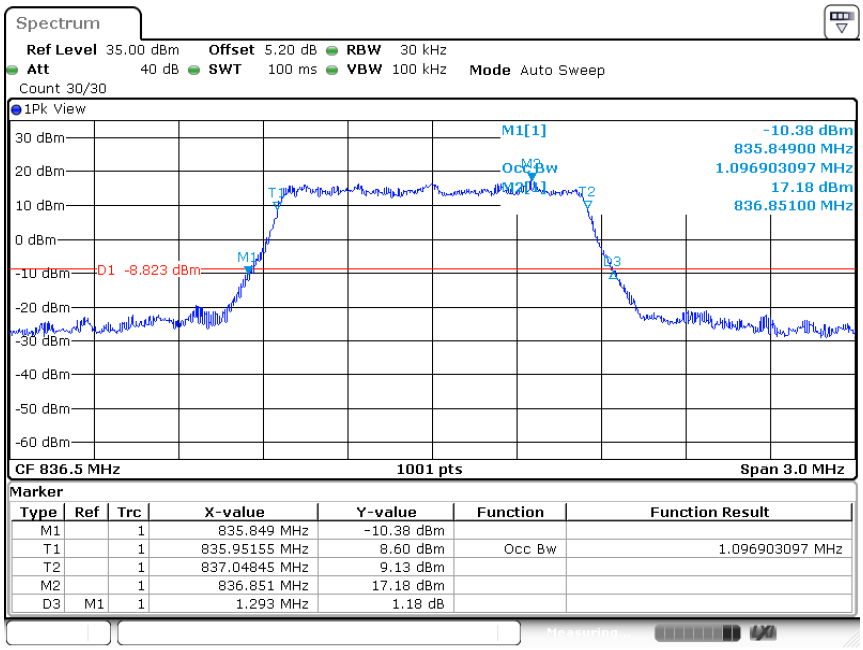
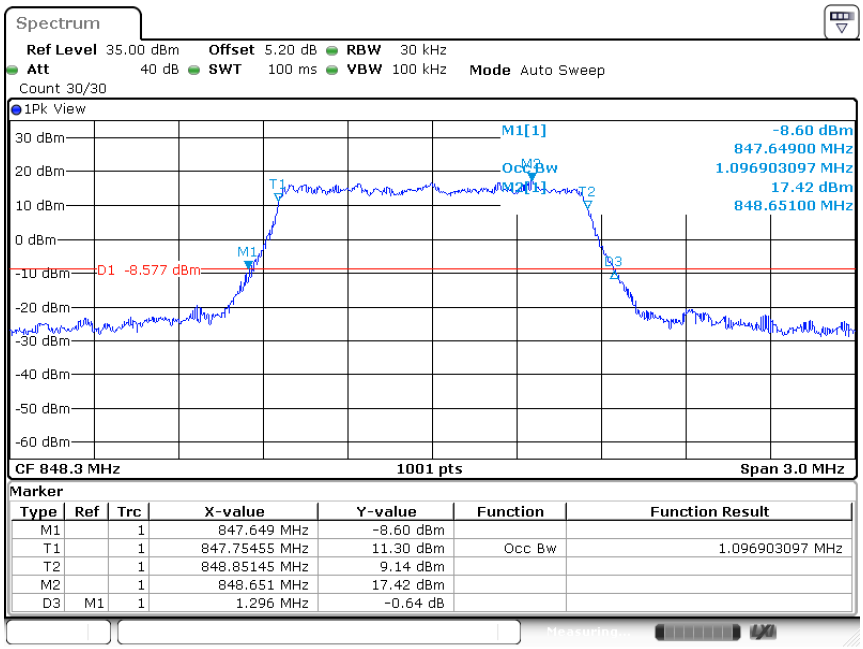
Band5-1.4MHz-64QAM-20525-6RB#0-1.097



Date: 22.OCT.2020 16:50:30

Band5-1.4MHz-64QAM-20643-6RB#0-1.097



Date: 22.OCT.2020 16:50:46

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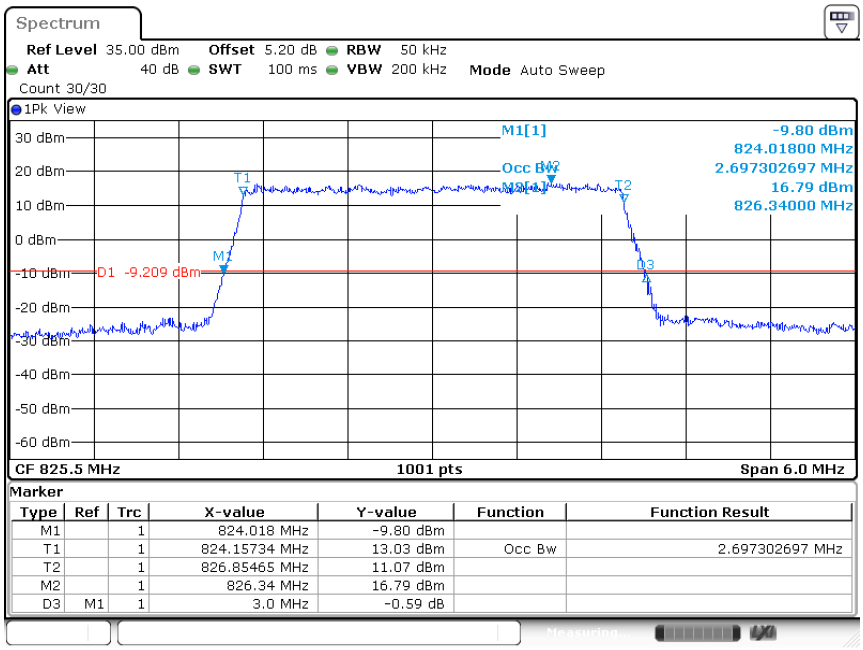
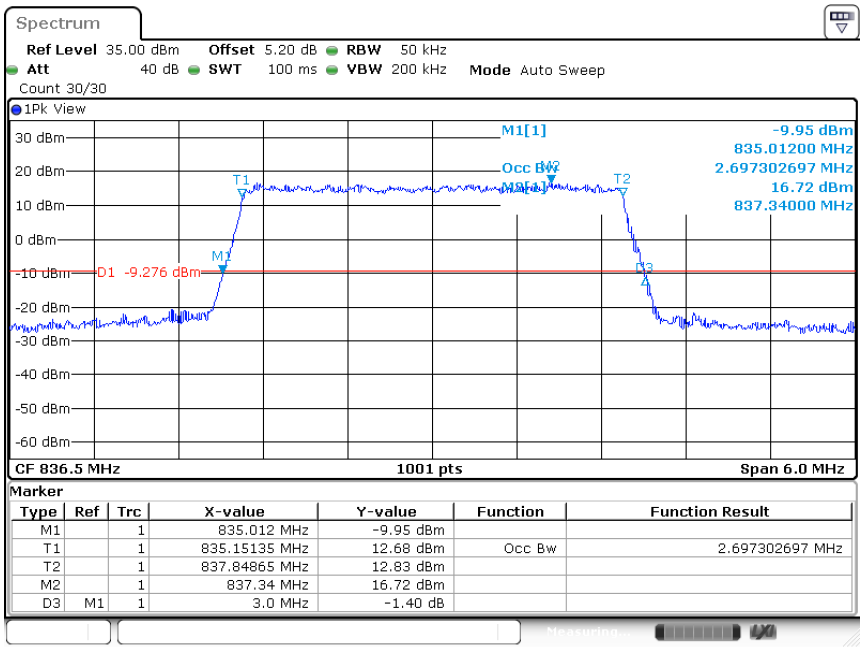
Band5-3MHz-QPSK-20415-15RB#0-2.697



Date: 22.OCT.2020 15:03:38

Band5-3MHz-QPSK-20525-15RB#0-2.697



Date: 22.OCT.2020 15:04:10

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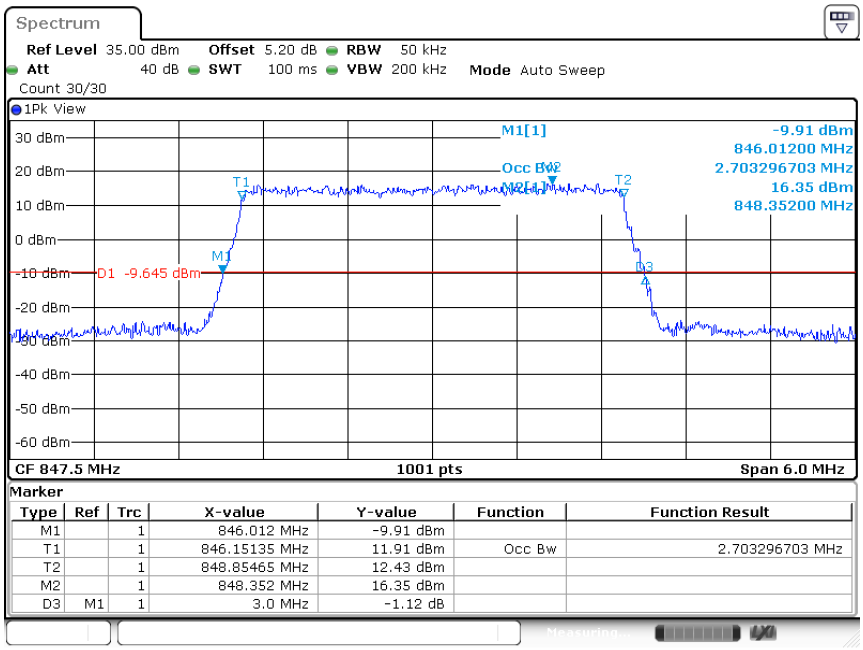
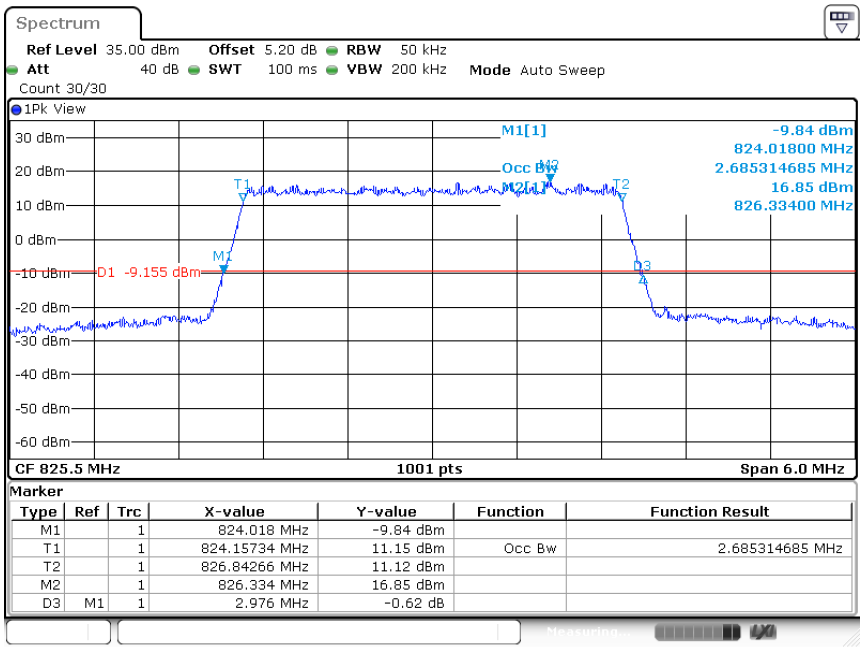
Band5-3MHz-QPSK-20635-15RB#0-2.703



Date: 22.OCT.2020 15:04:41

Band5-3MHz-16QAM-20415-15RB#0-2.685



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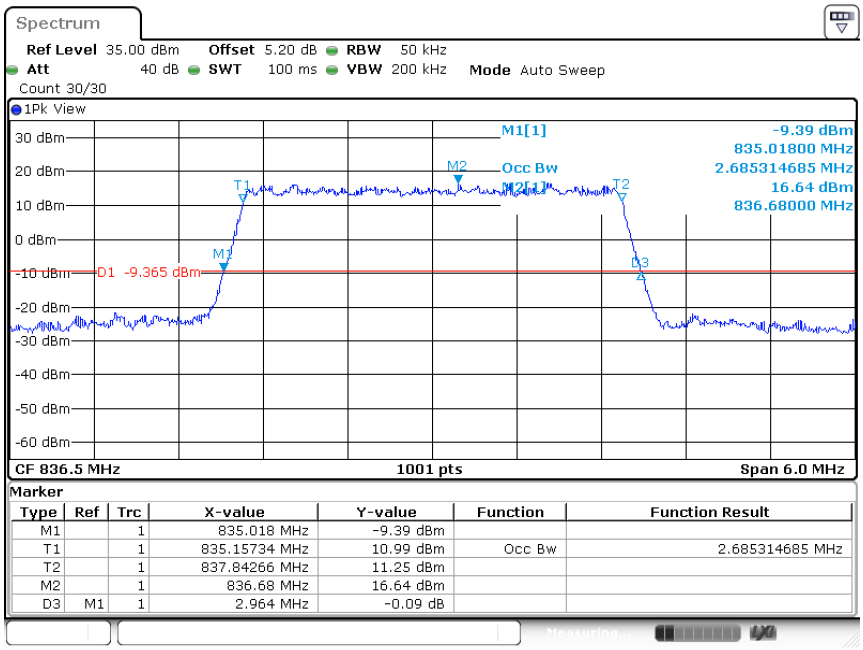
Band5-3MHz-16QAM-20525-15RB#0-2.685

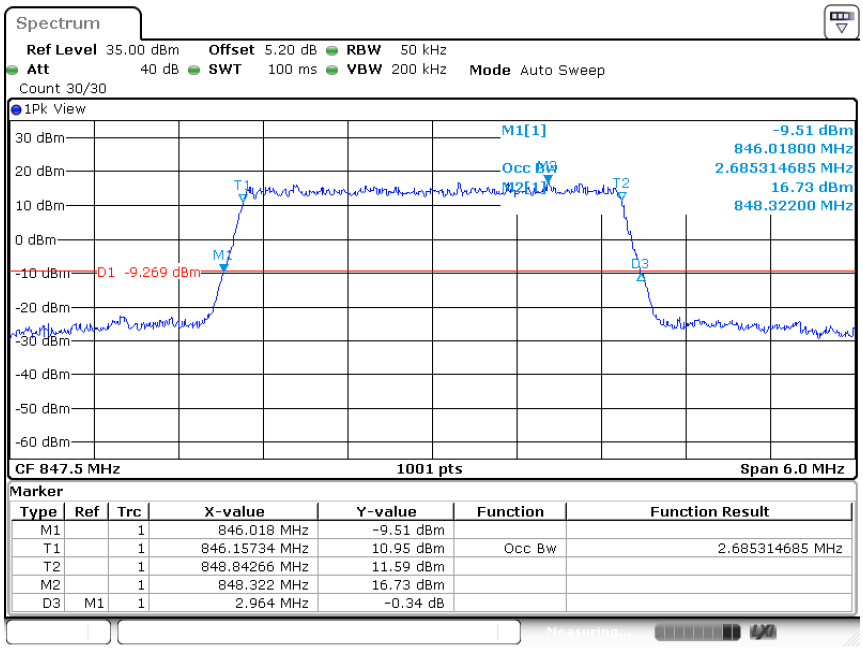


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.018 MHz	-9.39 dBm		
T1		1	835.15734 MHz	10.99 dBm	Occ Bw	2.685314685 MHz
T2		1	837.84266 MHz	11.25 dBm		
M2		1	836.68 MHz	16.64 dBm		
D3	M1	1	2.964 MHz	-0.09 dB		

Date: 22.OCT.2020 15:04:25

Band5-3MHz-16QAM-20635-15RB#0-2.685



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	846.018 MHz	-9.51 dBm		
T1		1	846.15734 MHz	10.95 dBm	Occ Bw	2.685314685 MHz
T2		1	848.84266 MHz	11.59 dBm		
M2		1	848.322 MHz	16.73 dBm		
D3	M1	1	2.964 MHz	-0.34 dB		

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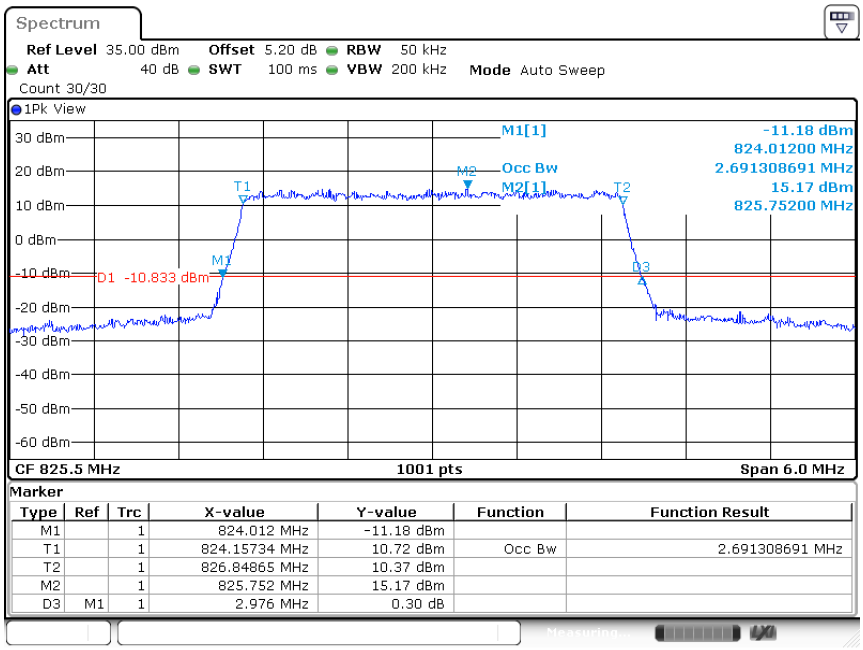
Band5-3MHz-64QAM-20415-15RB#0-2.691



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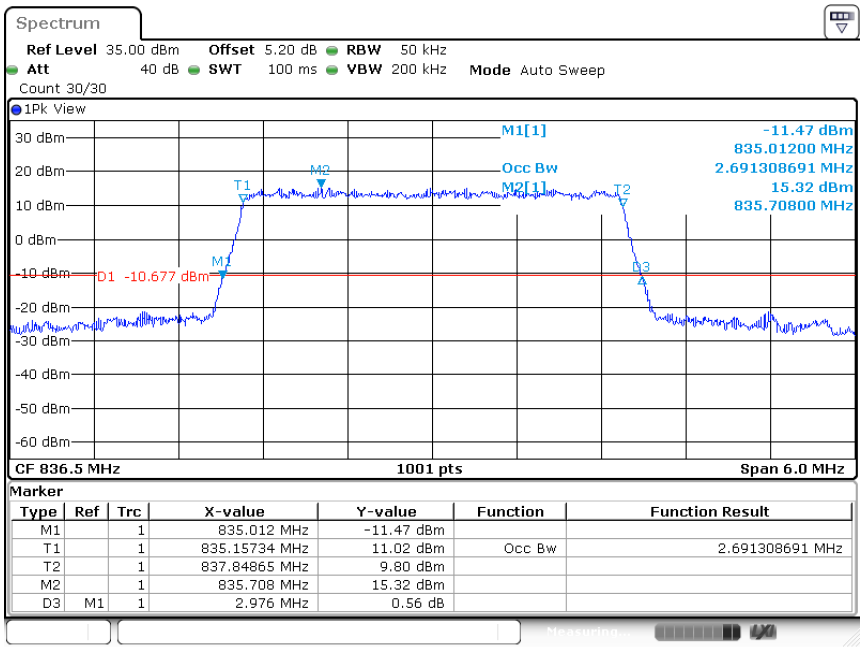
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.012 MHz	-11.18 dBm		
T1		1	824.15734 MHz	10.72 dBm	Occ Bw	2.691308691 MHz
T2		1	826.84865 MHz	10.37 dBm		
M2		1	825.752 MHz	15.17 dBm		
D3	M1	1	2.976 MHz	0.30 dB		

Date: 22.OCT.2020 16:51:09

Band5-3MHz-64QAM-20525-15RB#0-2.691



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.012 MHz	-11.47 dBm		
T1		1	835.15734 MHz	11.02 dBm	Occ Bw	2.691308691 MHz
T2		1	837.84865 MHz	9.80 dBm		
M2		1	835.708 MHz	15.32 dBm		
D3	M1	1	2.976 MHz	0.56 dB		

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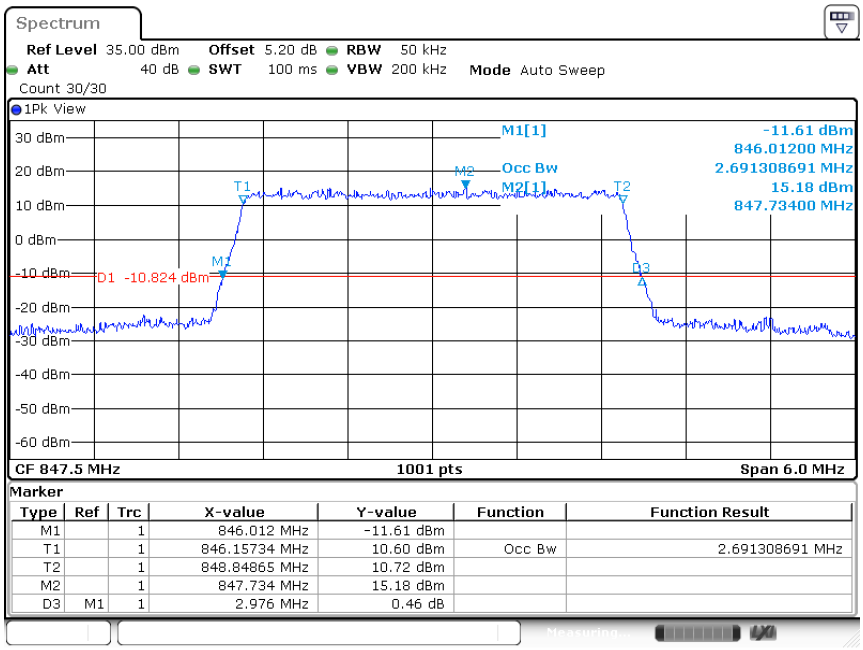
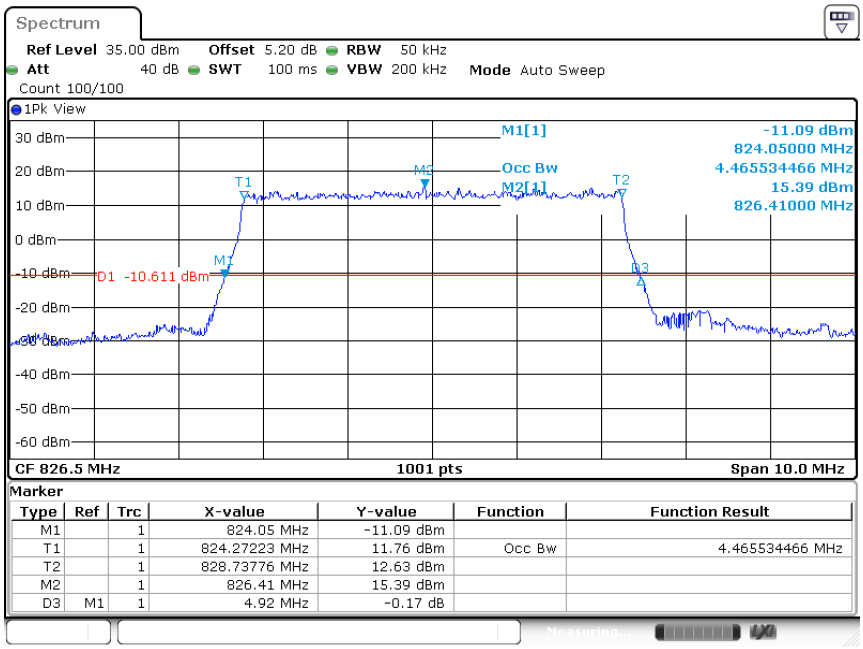


Date: 22.OCT.2020 16:51:41

Band5-5MHz-QPSK-20425-25RB#0-4.466



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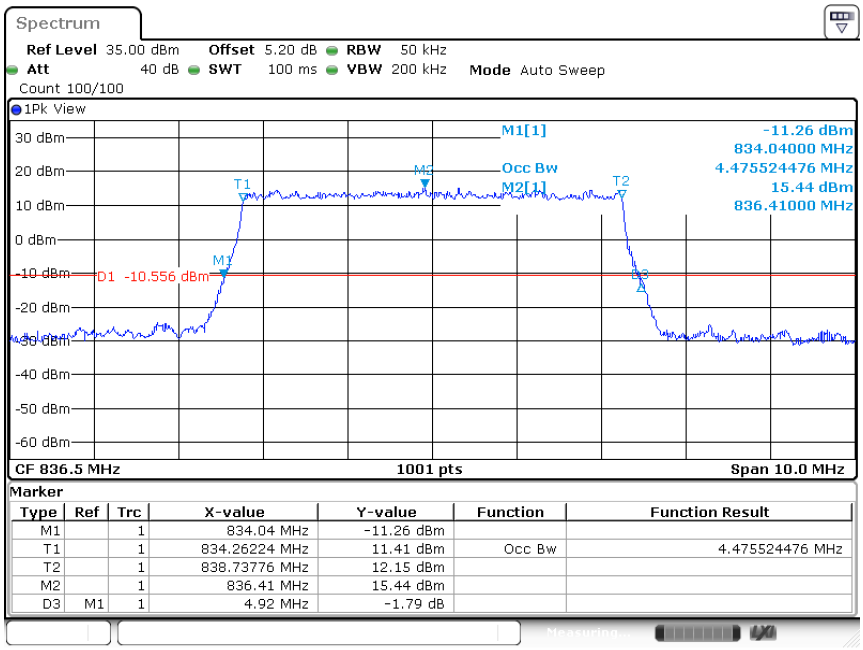
Band5-5MHz-QPSK-20525-25RB#0-4.476

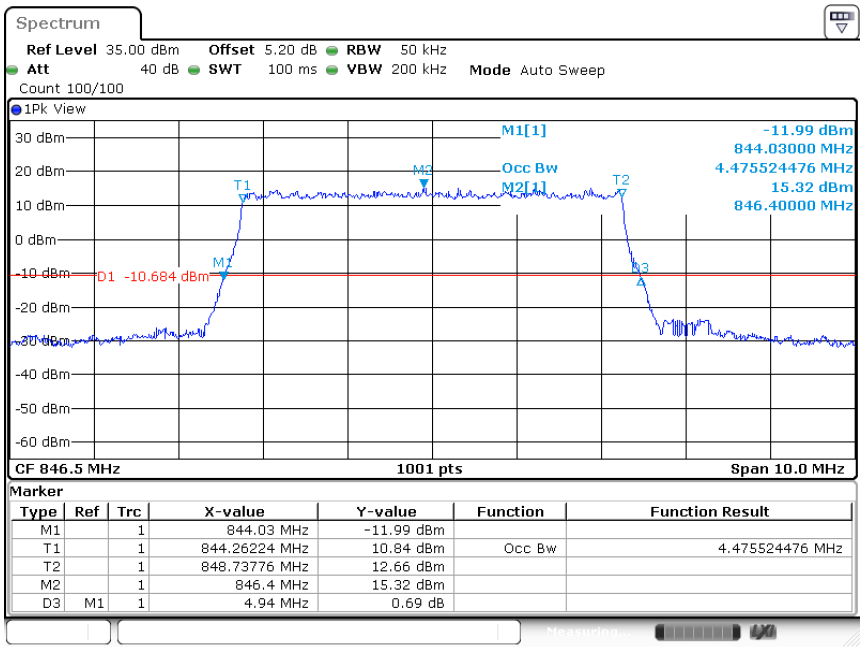


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.04 MHz	-11.26 dBm		
T1		1	834.26224 MHz	11.41 dBm	Occ Bw	4.475524476 MHz
T2		1	838.73776 MHz	12.15 dBm		
M2		1	836.41 MHz	15.44 dBm		
D3	M1	1	4.92 MHz	-1.79 dB		

Date: 22.OCT.2020 15:06:12

Band5-5MHz-QPSK-20625-25RB#0-4.476



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	844.03 MHz	-11.99 dBm		
T1		1	844.26224 MHz	10.84 dBm	Occ Bw	4.475524476 MHz
T2		1	848.73776 MHz	12.66 dBm		
M2		1	846.4 MHz	15.32 dBm		
D3	M1	1	4.94 MHz	0.69 dB		

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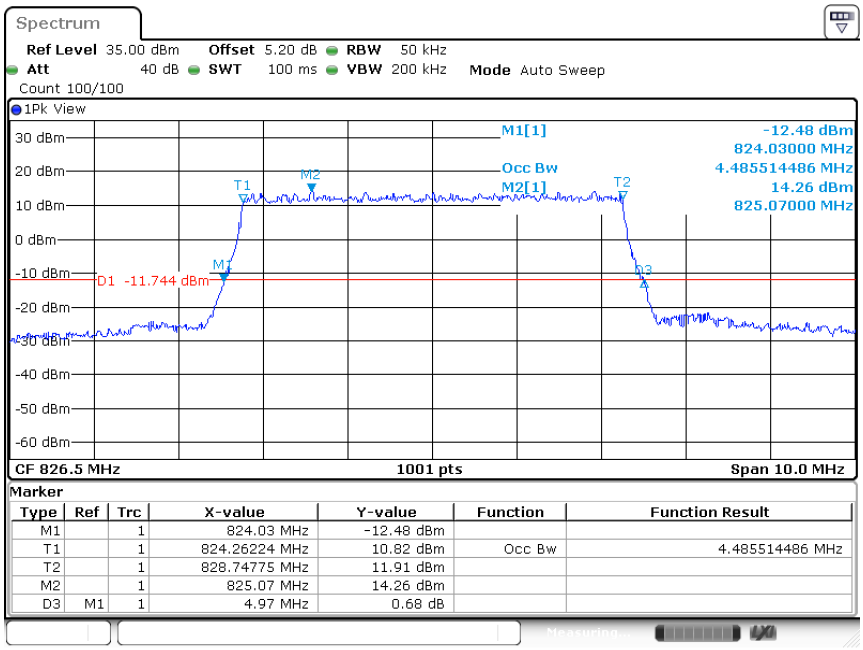
Band5-5MHz-16QAM-20425-25RB#0-4.486

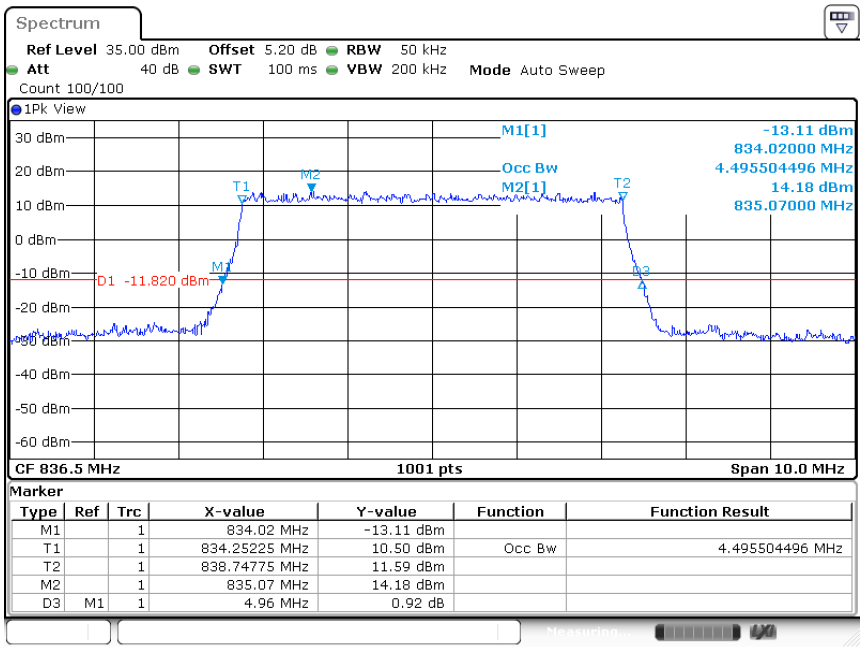


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.03 MHz	-12.48 dBm		
T1		1	824.26224 MHz	10.82 dBm	Occ Bw	4.485514486 MHz
T2		1	828.74775 MHz	11.91 dBm		
M2		1	825.07 MHz	14.26 dBm		
D3	M1	1	4.97 MHz	0.68 dB		

Date: 22.OCT.2020 15:05:49

Band5-5MHz-16QAM-20525-25RB#0-4.496



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	834.02 MHz	-13.11 dBm		
T1		1	834.25225 MHz	10.50 dBm	Occ Bw	4.495504496 MHz
T2		1	838.74775 MHz	11.59 dBm		
M2		1	835.07 MHz	14.18 dBm		
D3	M1	1	4.96 MHz	0.92 dB		

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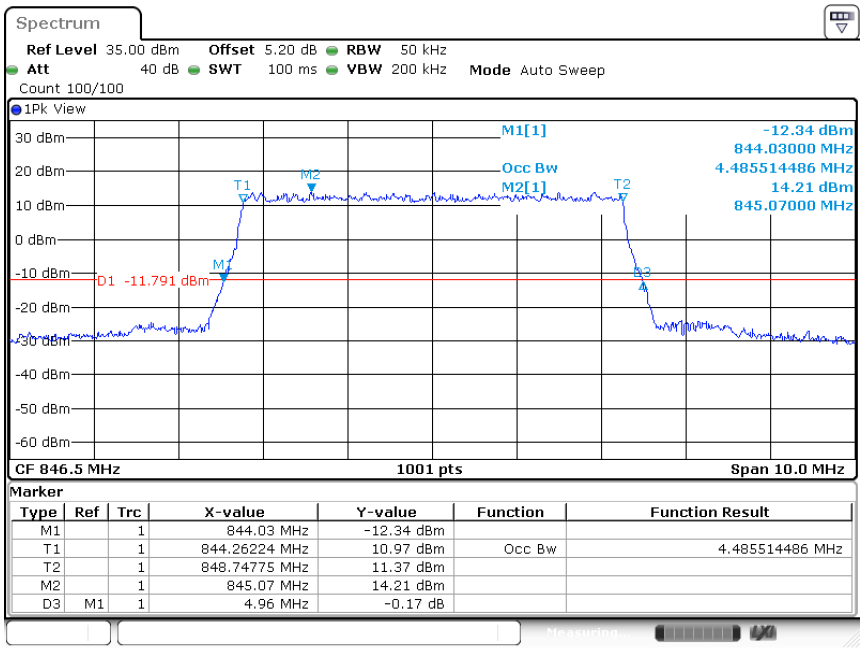
Band5-5MHz-16QAM-20625-25RB#0-4.486



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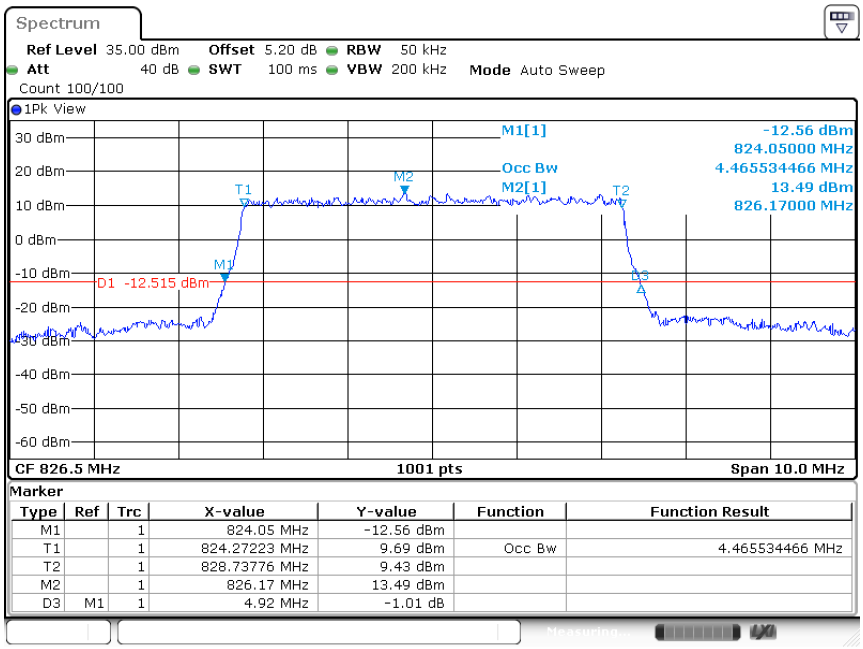
Band5-5MHz-64QAM-20425-25RB#0-4.466



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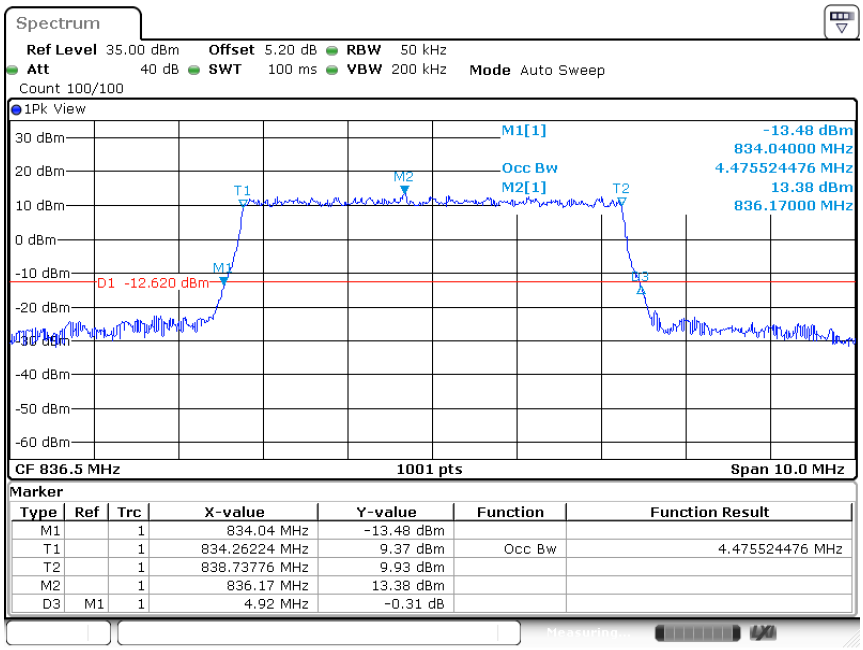
Band5-5MHz-64QAM-20525-25RB#0-4.476



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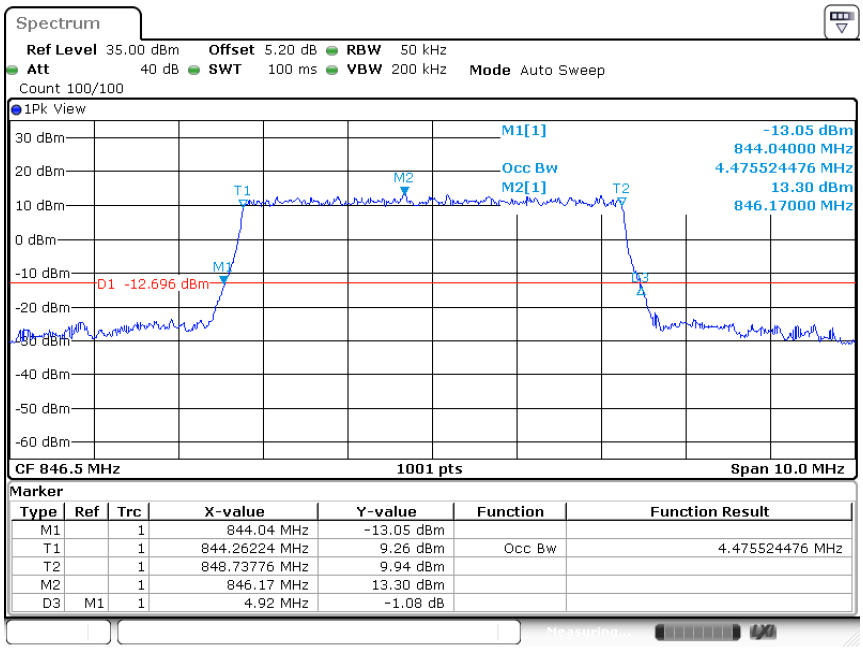
Band5-5MHz-64QAM-20625-25RB#0-4.476



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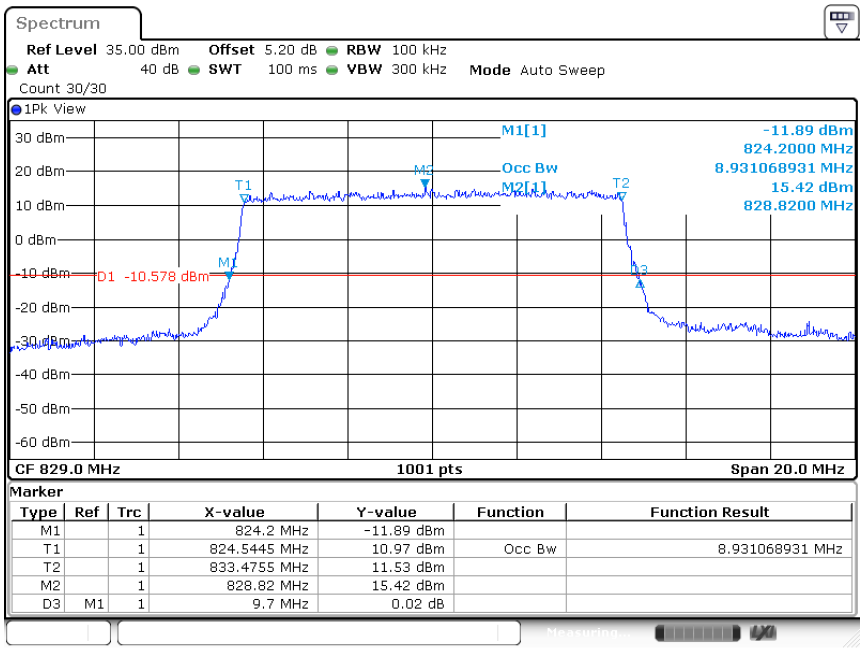
Band5-10MHz-QPSK-20450-50RB#0-8.931



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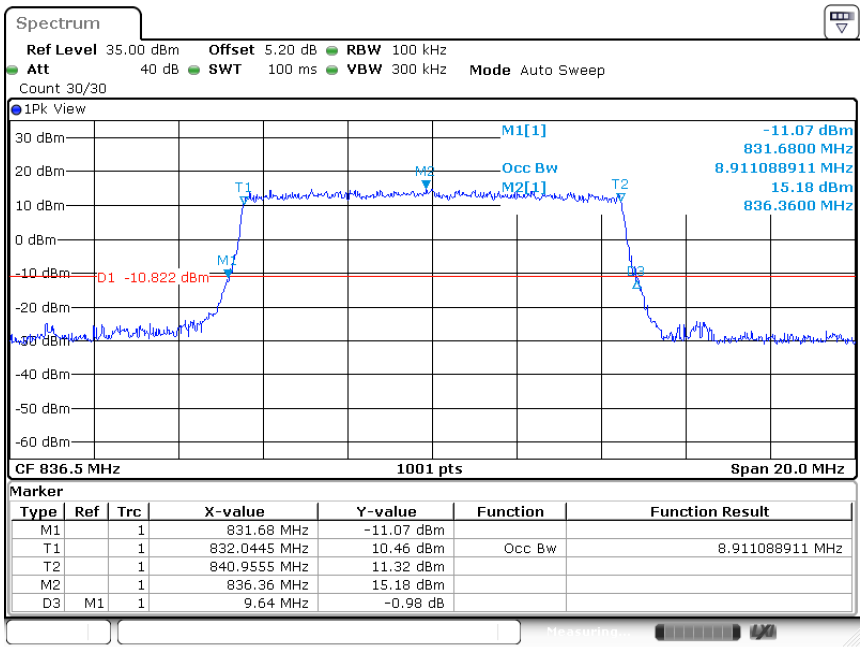
Band5-10MHz-QPSK-20525-50RB#0-8.911



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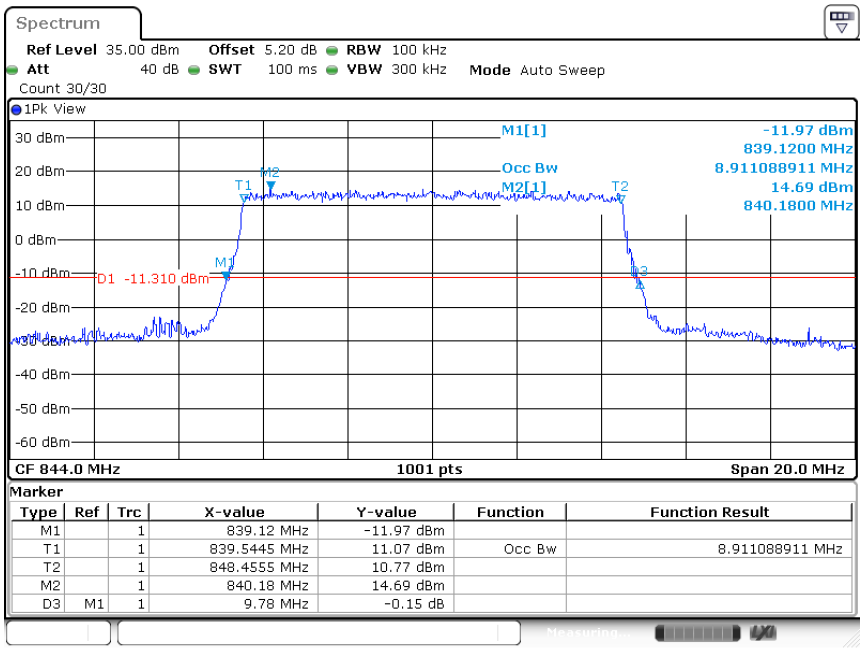
Band5-10MHz-QPSK-20600-50RB#0-8.911



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	839.12 MHz	-11.97 dBm		
T1		1	839.5445 MHz	11.07 dBm	Occ Bw	8.911088911 MHz
T2		1	848.4555 MHz	10.77 dBm		
M2		1	840.18 MHz	14.69 dBm		
D3	M1	1	9.78 MHz	-0.15 dB		

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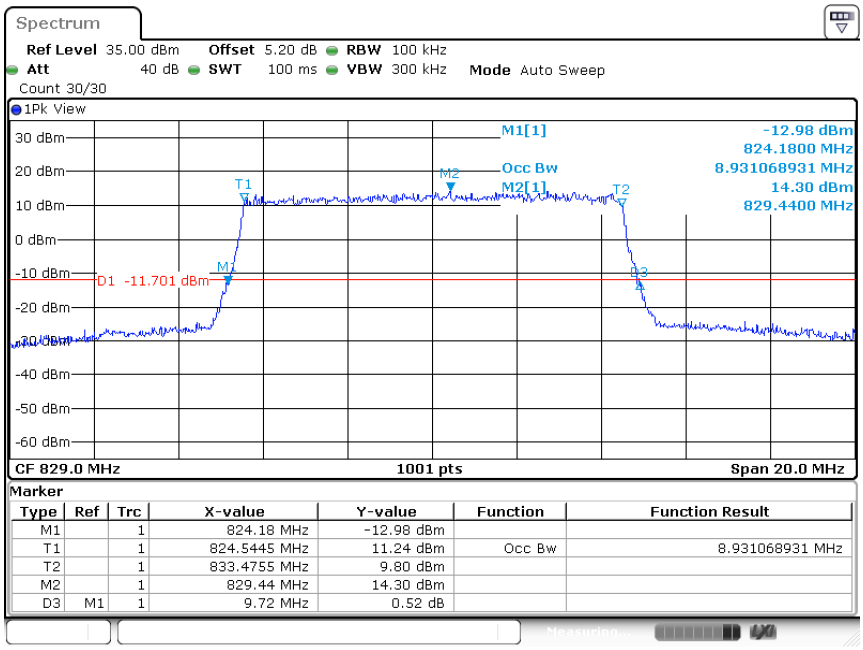
Band5-10MHz-16QAM-20450-50RB#0-8.931



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.18 MHz	-12.98 dBm		
T1		1	824.5445 MHz	11.24 dBm	Occ Bw	8.931068931 MHz
T2		1	833.4755 MHz	9.80 dBm		
M2		1	829.44 MHz	14.30 dBm		
D3	M1	1	9.72 MHz	0.52 dB		

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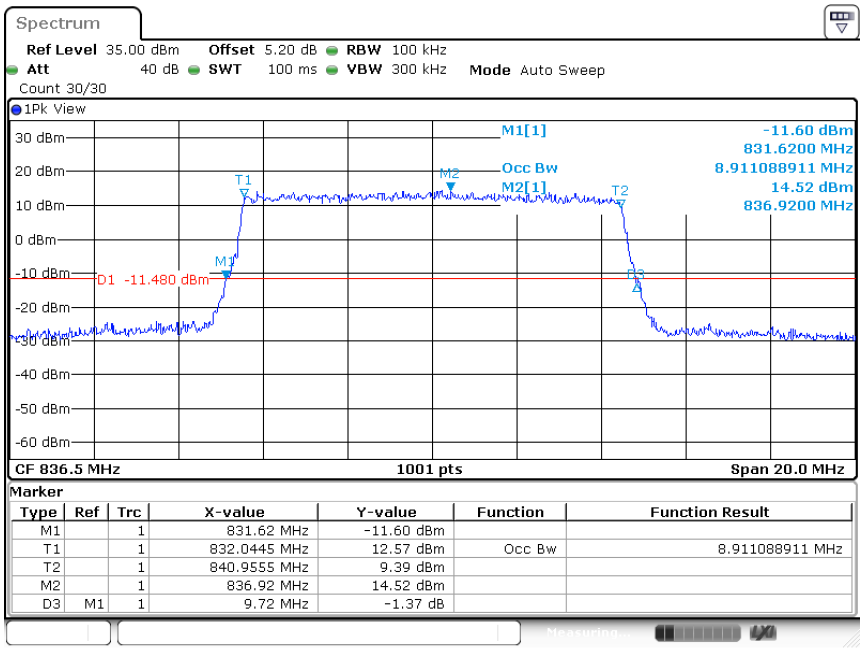

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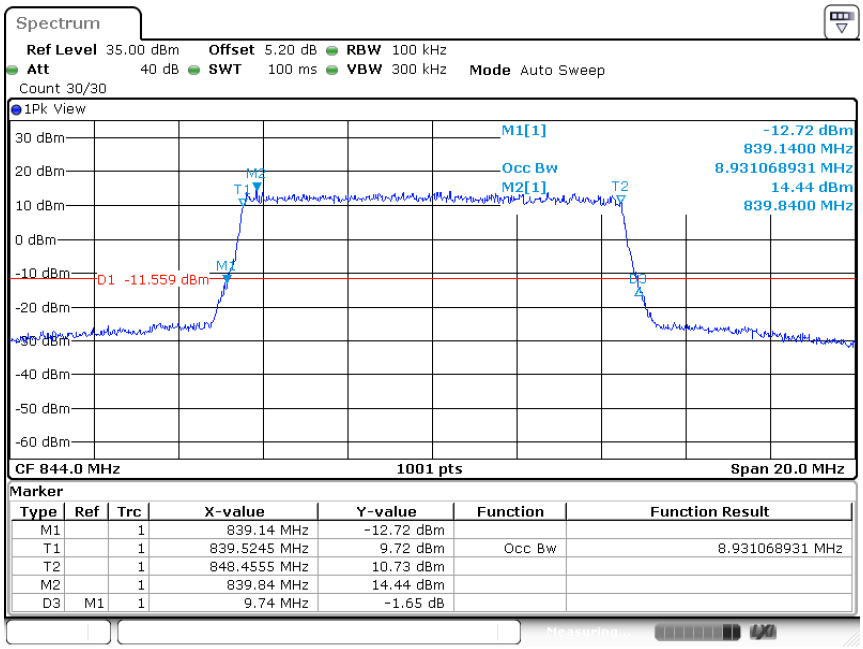
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	831.62 MHz	-11.60 dBm		
T1		1	832.0445 MHz	12.57 dBm	Occ Bw	8.911088911 MHz
T2		1	840.9555 MHz	9.39 dBm		
M2		1	836.92 MHz	14.52 dBm		
D3	M1	1	9.72 MHz	-1.37 dB		

Date: 22.OCT.2020 15:08:32

Band5-10MHz-16QAM-20600-50RB#0-8.931



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	839.14 MHz	-12.72 dBm		
T1		1	839.5245 MHz	9.72 dBm	Occ Bw	8.931068931 MHz
T2		1	848.4555 MHz	10.73 dBm		
M2		1	839.84 MHz	14.44 dBm		
D3	M1	1	9.74 MHz	-1.65 dB		

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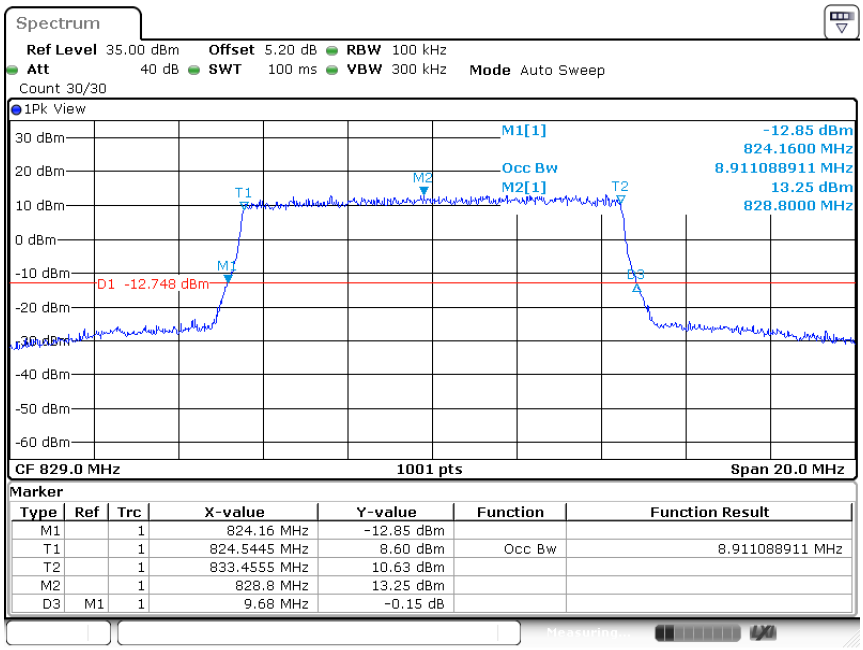
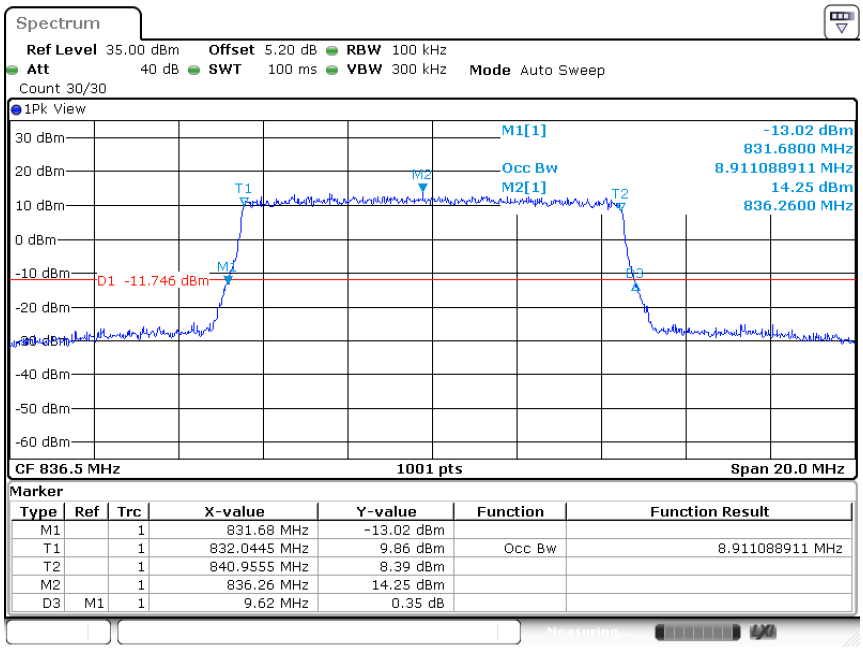
Band5-10MHz-64QAM-20450-50RB#0-8.911



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.16 MHz	-12.85 dBm		
T1		1	824.5445 MHz	8.60 dBm	Occ Bw	8.911088911 MHz
T2		1	833.4555 MHz	10.63 dBm		
M2		1	828.8 MHz	13.25 dBm		
D3	M1	1	9.68 MHz	-0.15 dB		

Date: 22.OCT.2020 16:53:20

Band5-10MHz-64QAM-20525-50RB#0-8.911



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	831.68 MHz	-13.02 dBm		
T1		1	832.0445 MHz	9.86 dBm	Occ Bw	8.911088911 MHz
T2		1	840.9555 MHz	8.39 dBm		
M2		1	836.26 MHz	14.25 dBm		
D3	M1	1	9.62 MHz	0.35 dB		

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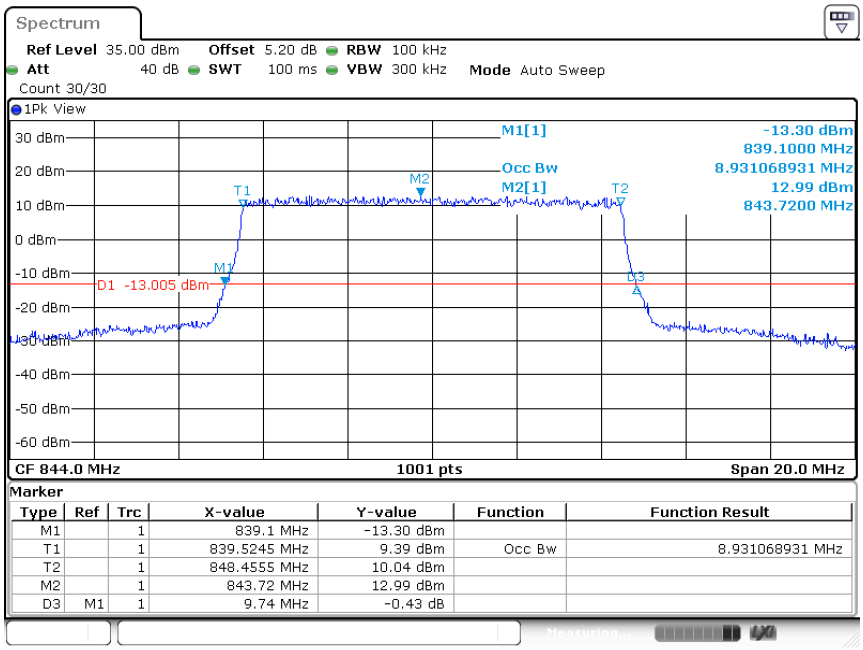
Band5-10MHz-64QAM-20600-50RB#0-8.931



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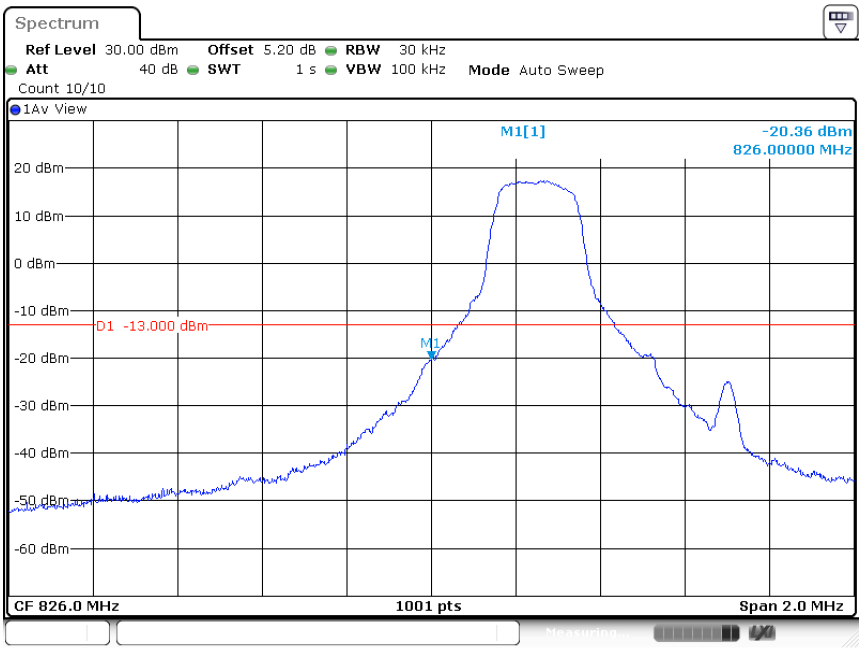
5 Band Edge Compliance

5.1 Test Plots

Band5-1.4MHz-QPSK-20427-1RB#0


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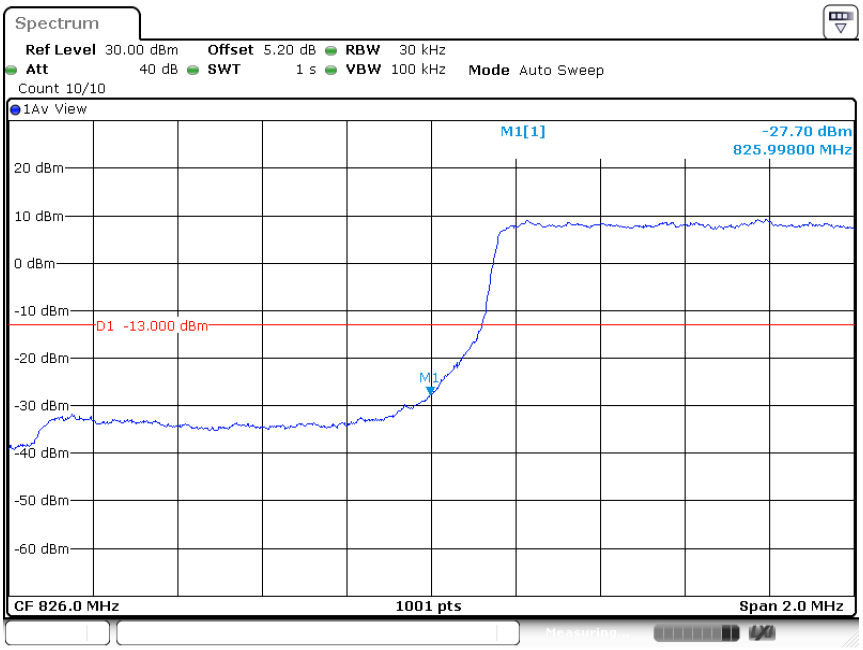
Band5-1.4MHz-QPSK-20427-6RB#0



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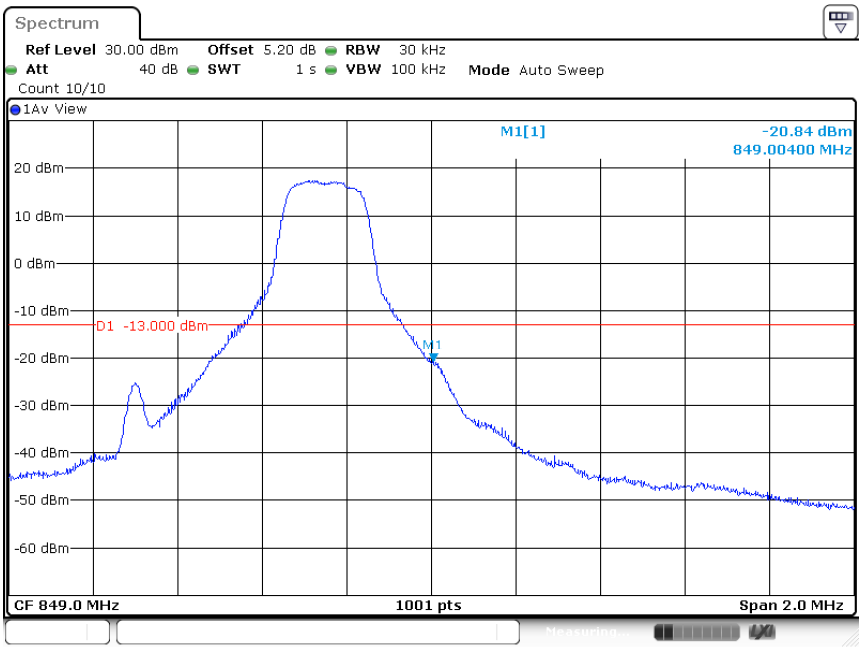
Band5-1.4MHz-QPSK-20643-1RB#5



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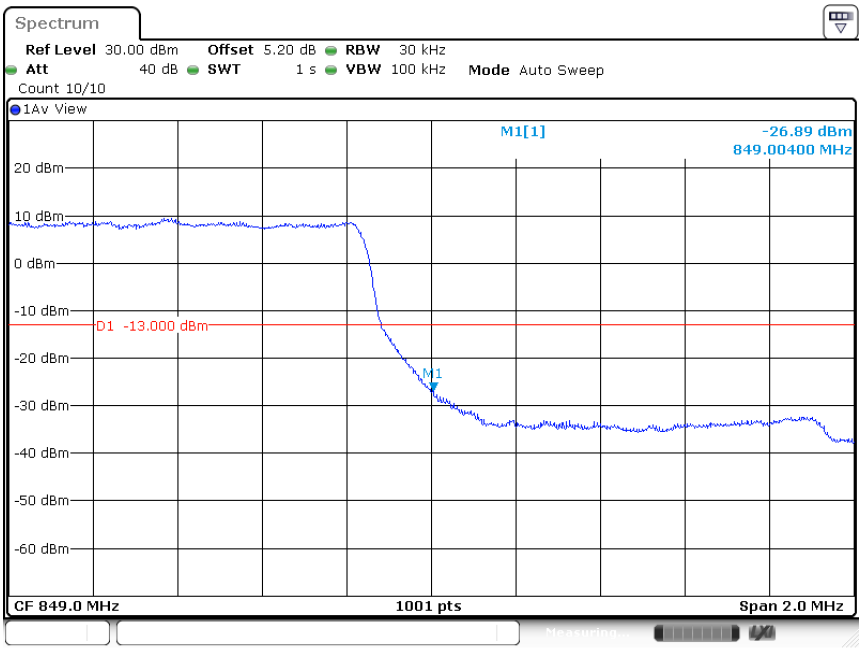
Band5-1.4MHz-QPSK-20643-6RB#0



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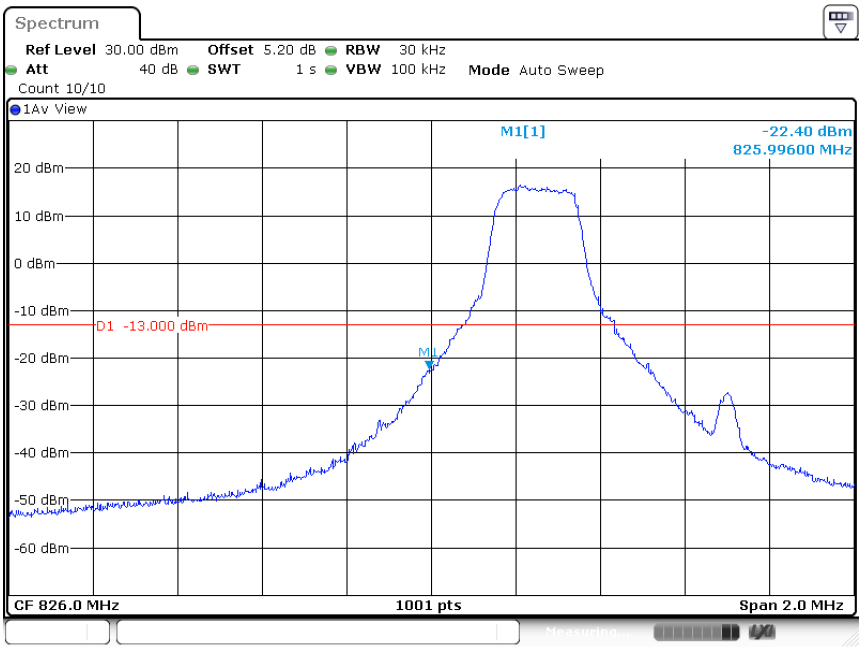

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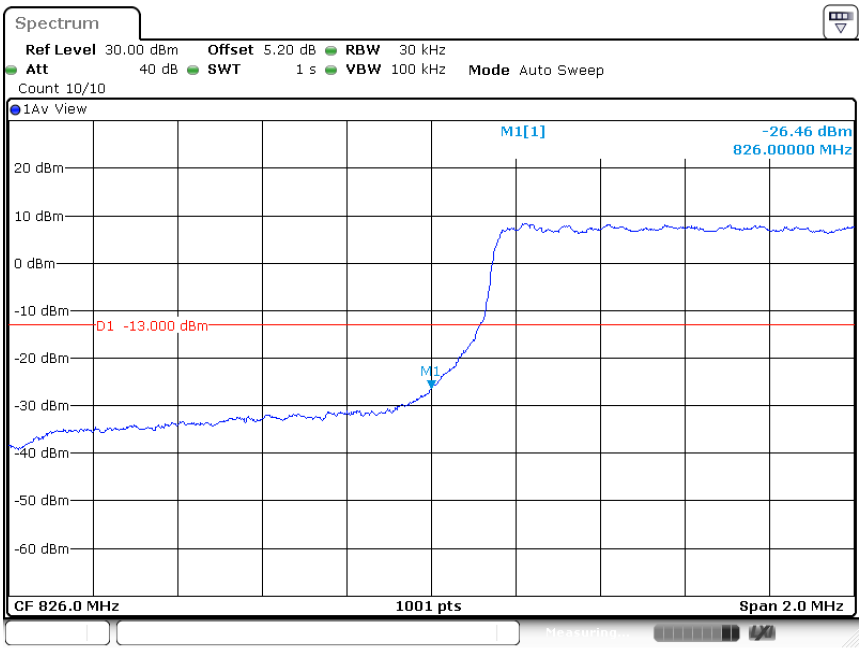
Band5-1.4MHz-16QAM-20427-6RB#0



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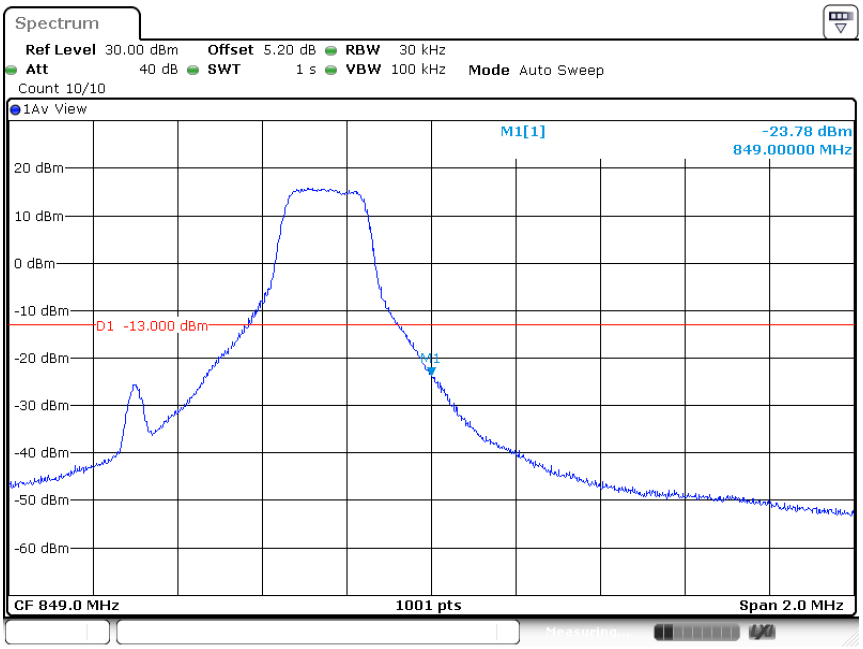
Band5-1.4MHz-16QAM-20643-1RB#5



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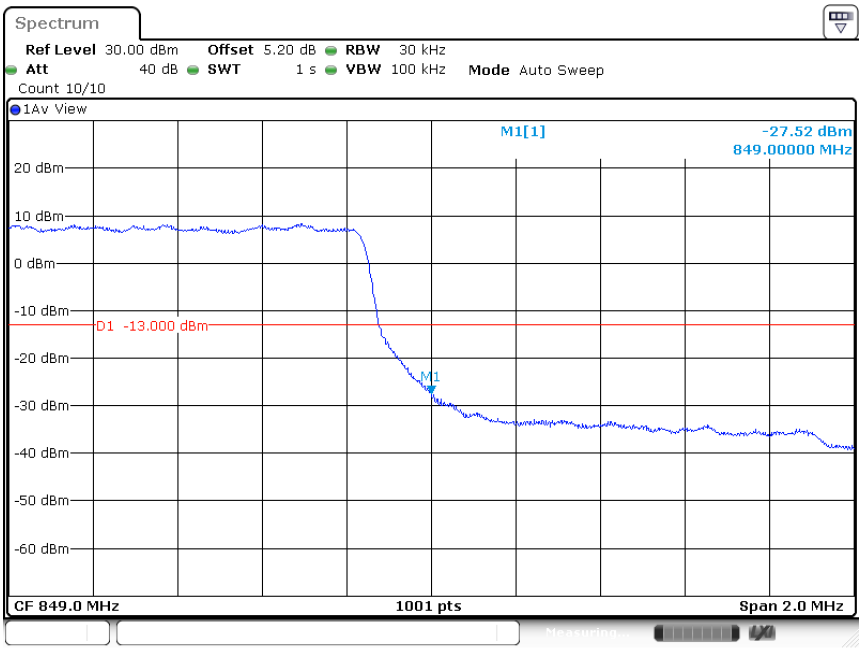
Band5-1.4MHz-16QAM-20643-6RB#0



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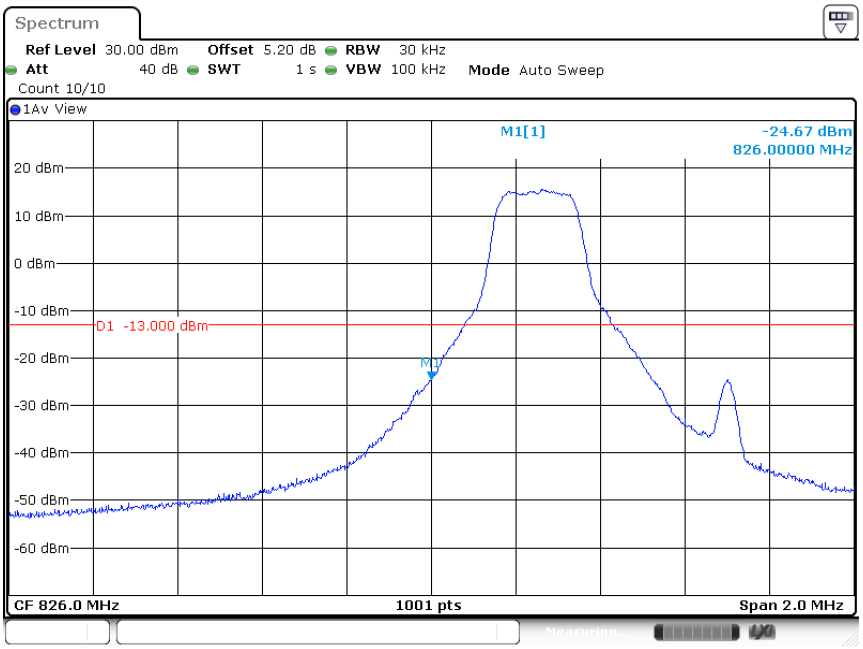
Band5-1.4MHz-64QAM-20427-1RB#0



Date: 22.OCT.2020 16:54:26

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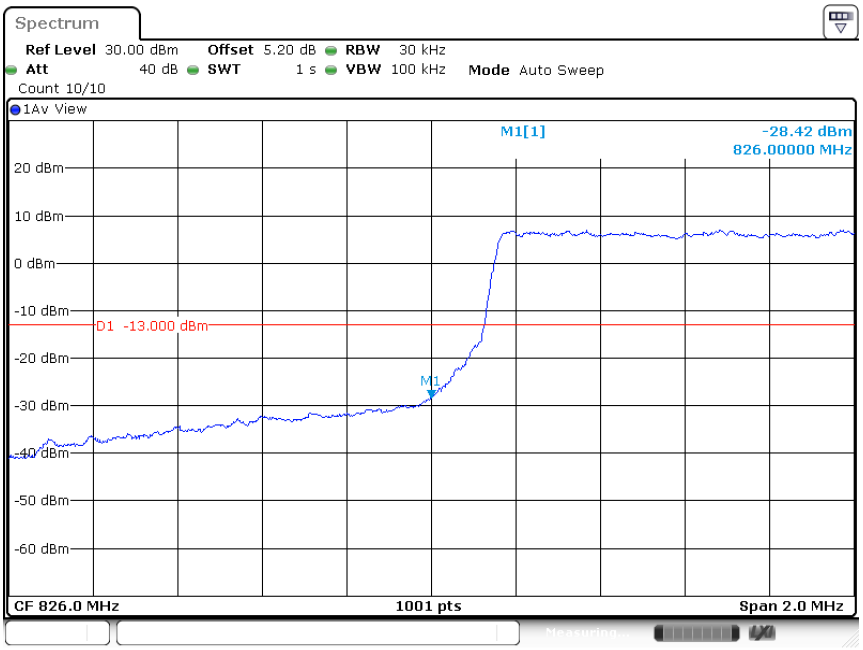

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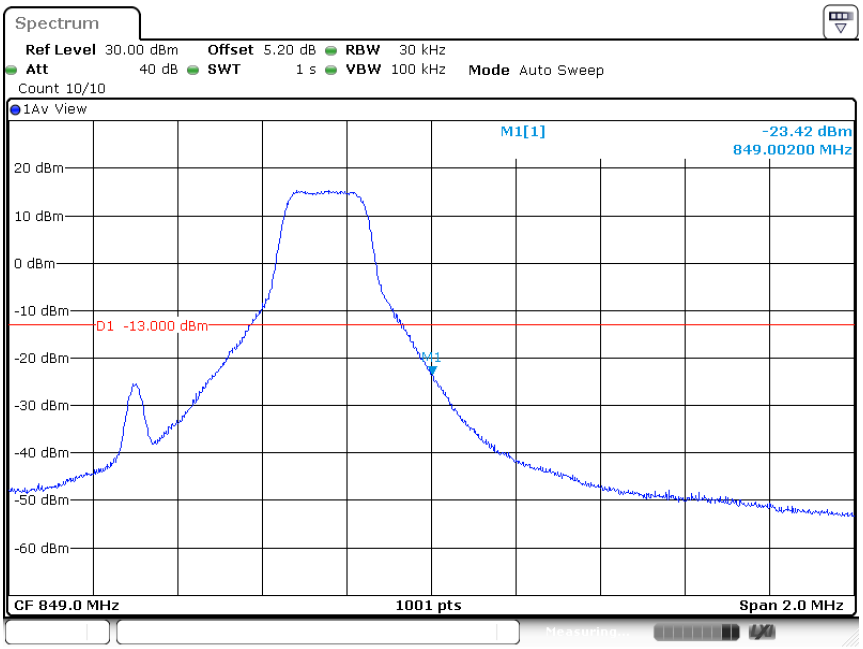
Band5-1.4MHz-64QAM-20643-1RB#5



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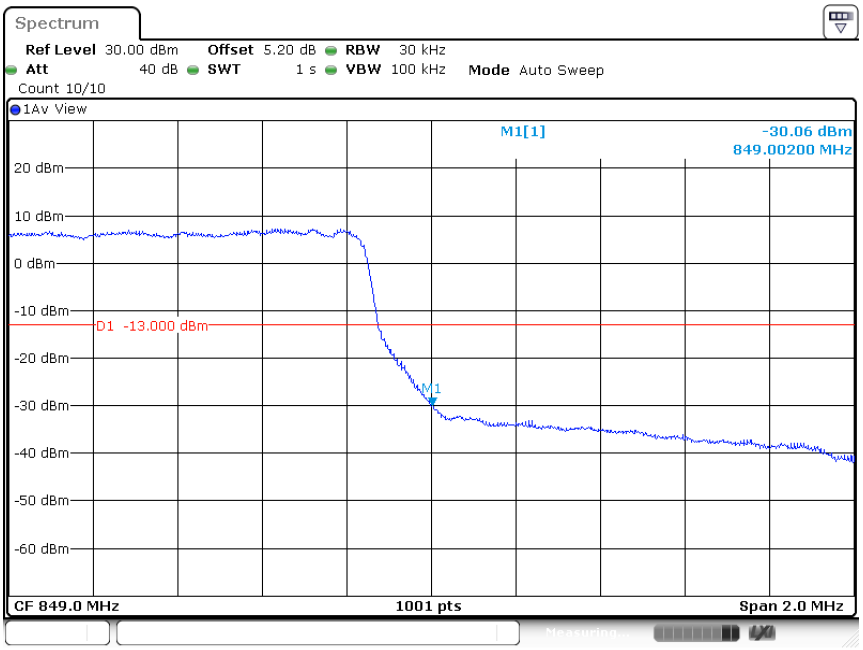

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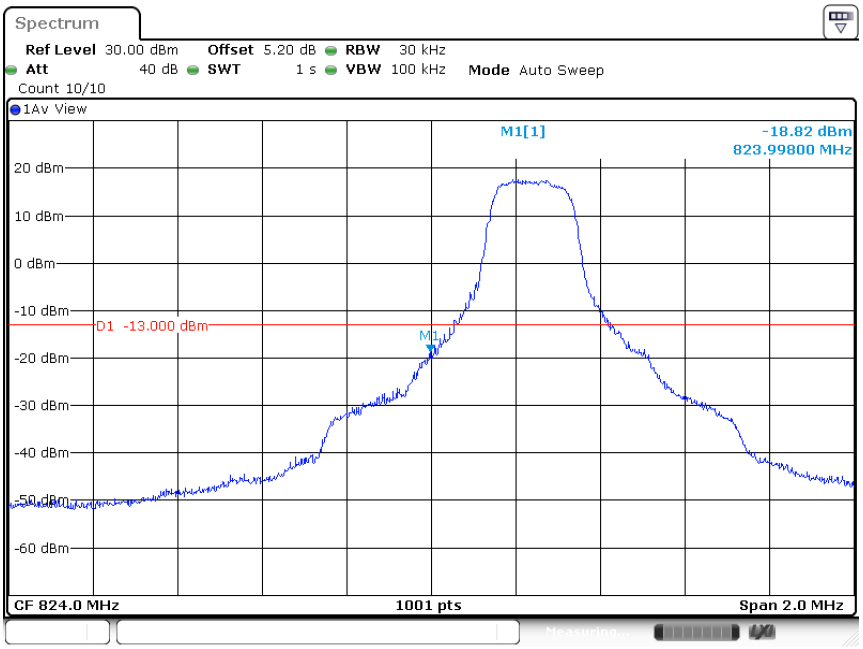
Band5-3MHz-QPSK-20415-1RB#0



Date: 22.OCT.2020 15:13:03

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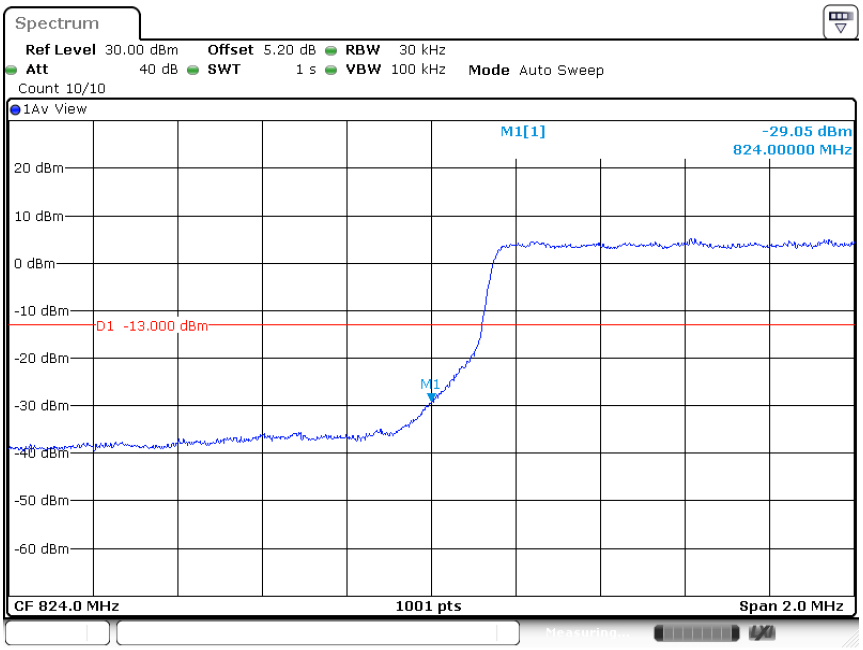

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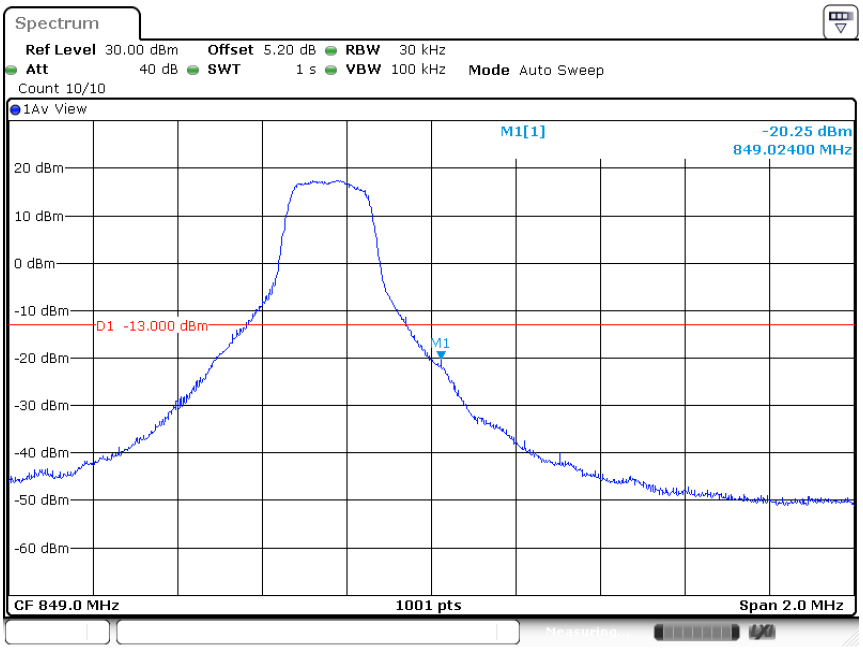
Band5-3MHz-QPSK-20635-1RB#14



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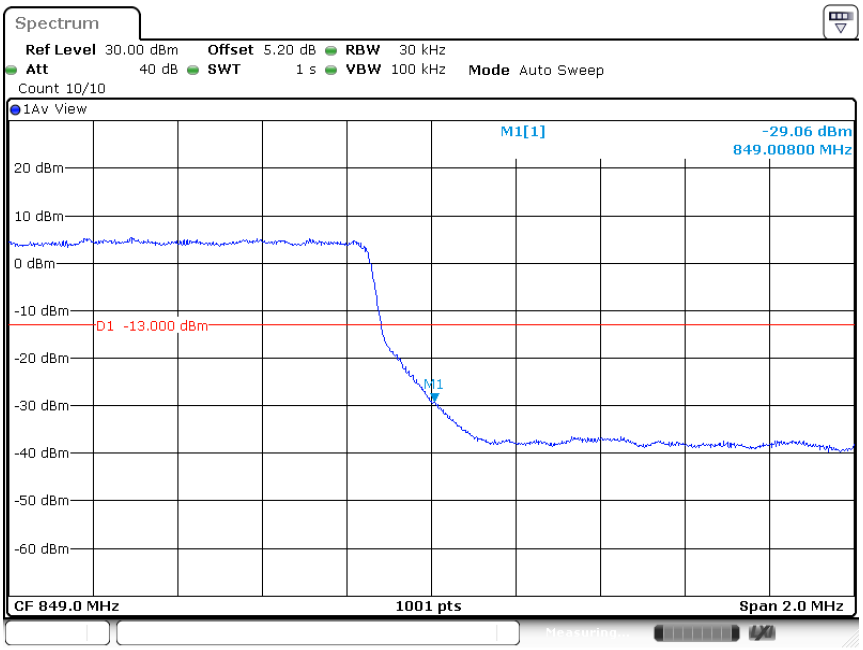

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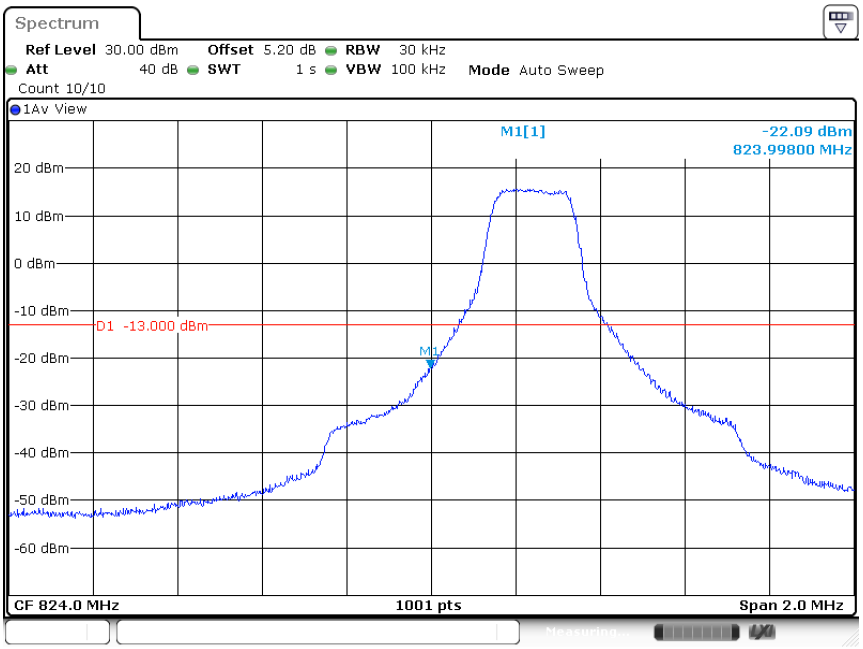
Band5-3MHz-16QAM-20415-1RB#0



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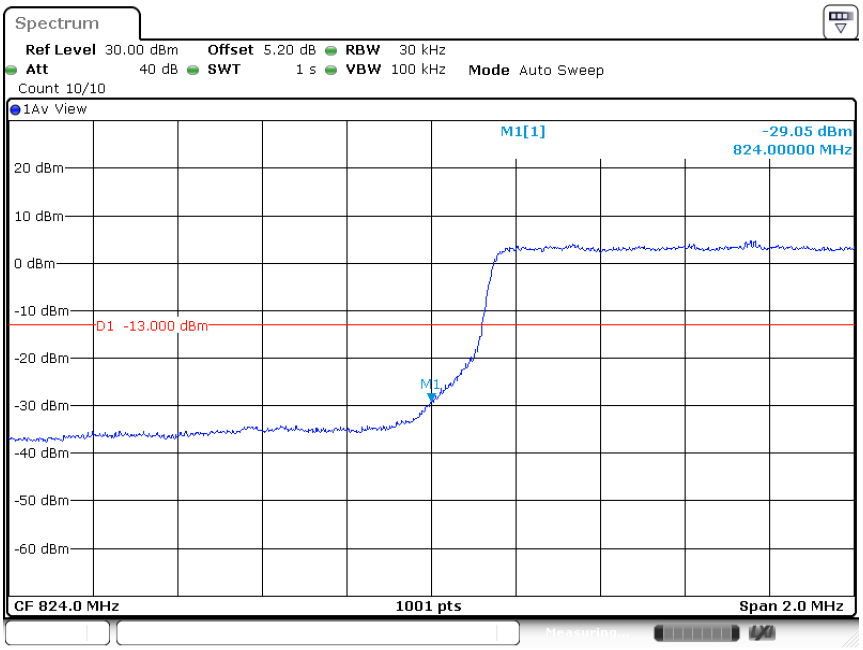

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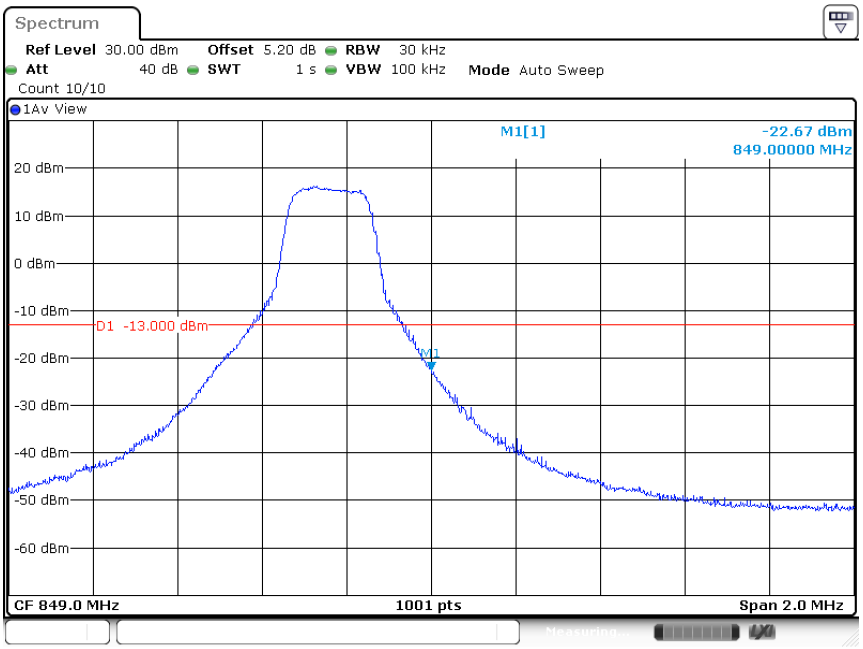
Band5-3MHz-16QAM-20635-1RB#14



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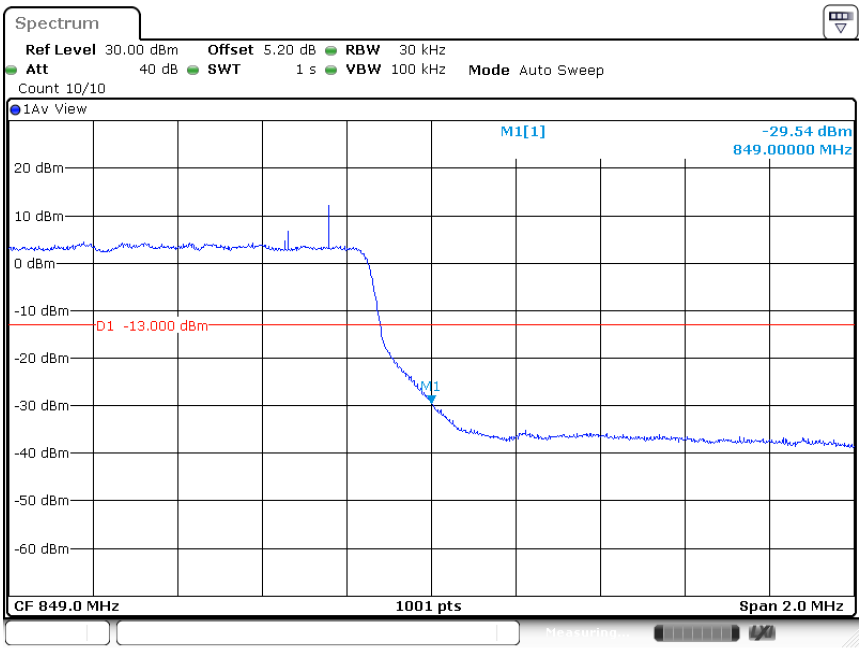

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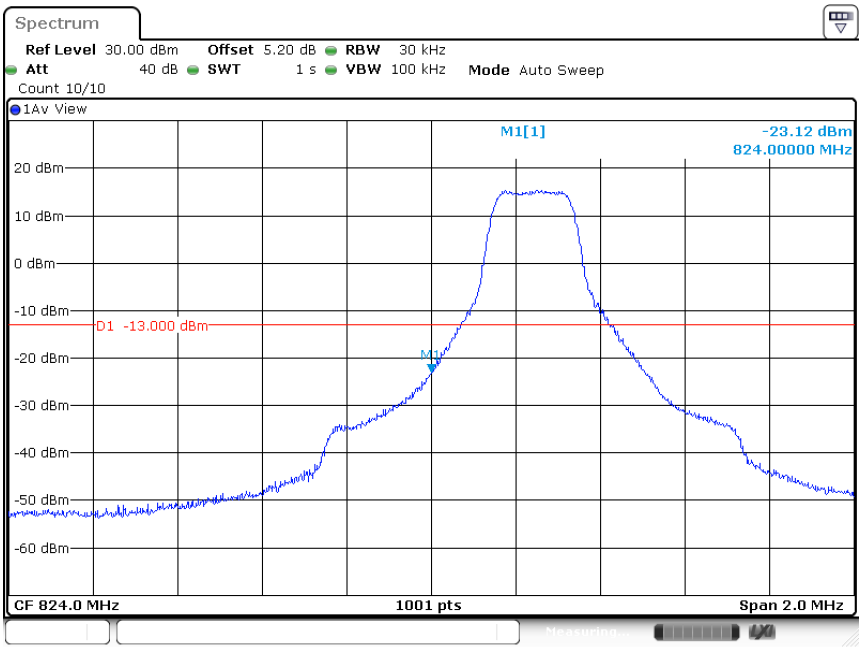
Band5-3MHz-64QAM-20415-1RB#0



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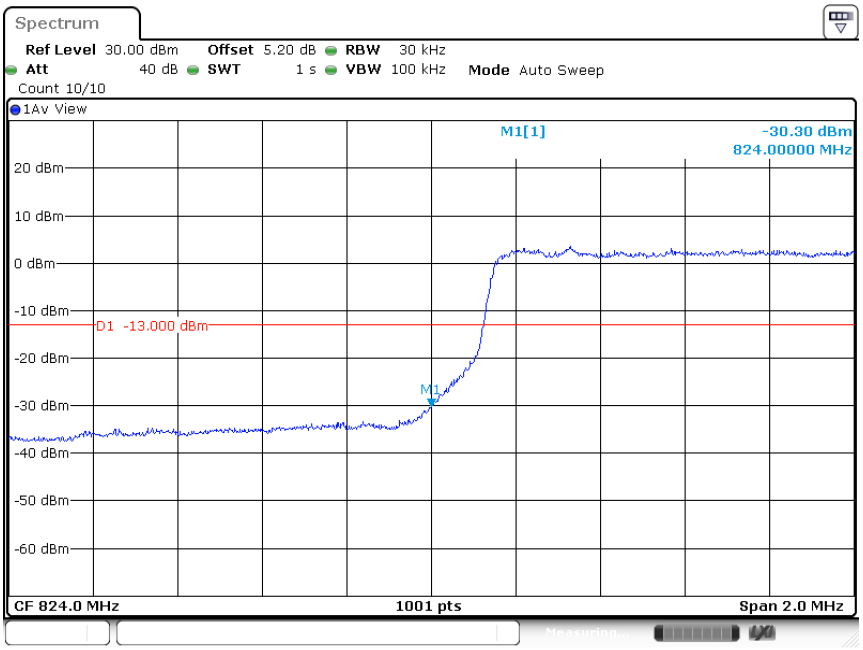

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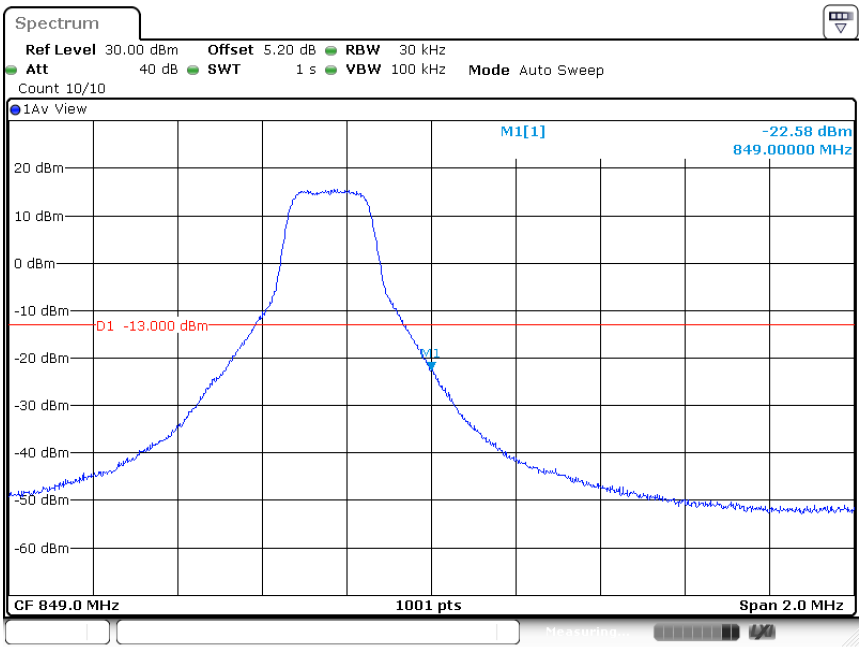

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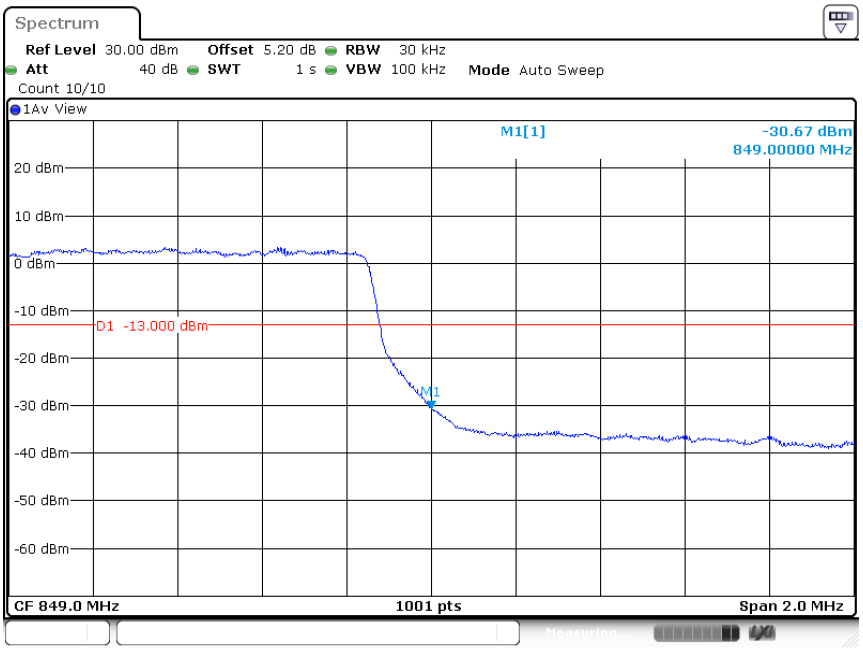

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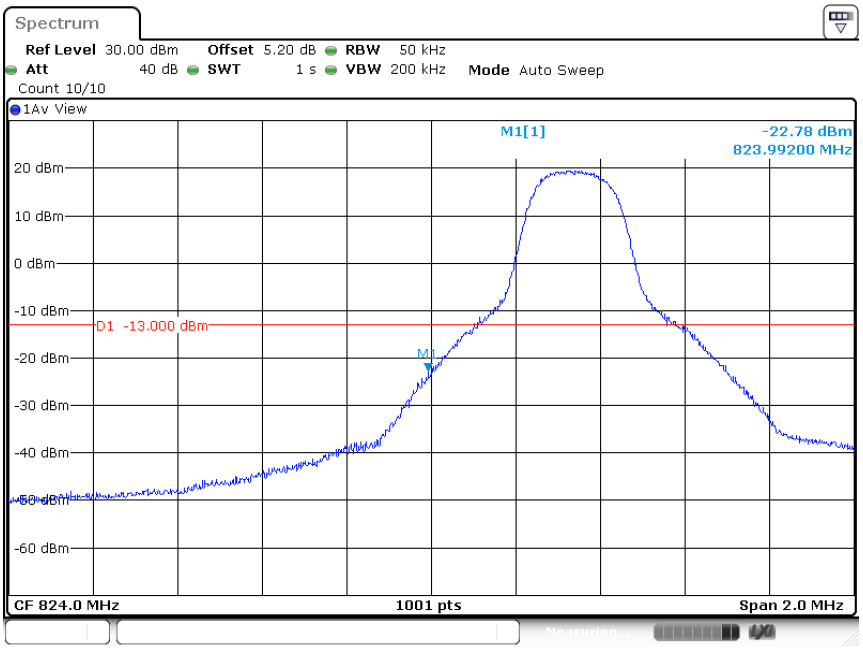

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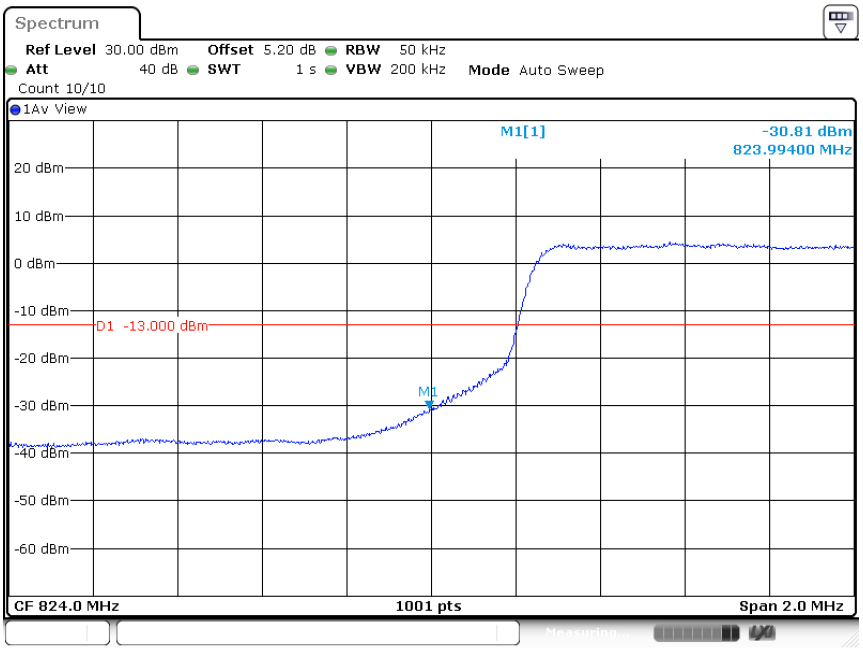
Band5-5MHz-QPSK-20425-25RB#0



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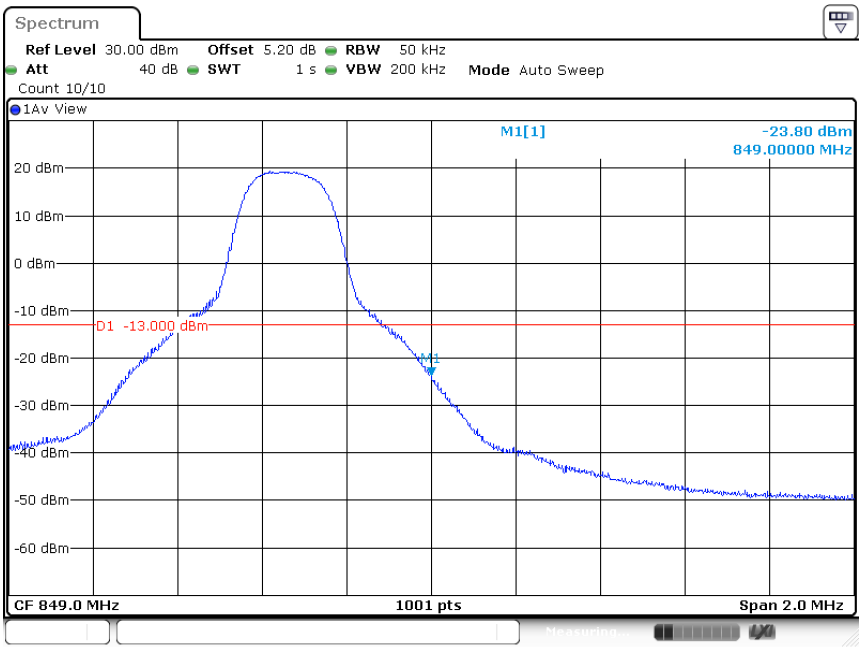
Band5-5MHz-QPSK-20625-1RB#24



Date: 22.OCT.2020 15:18:10

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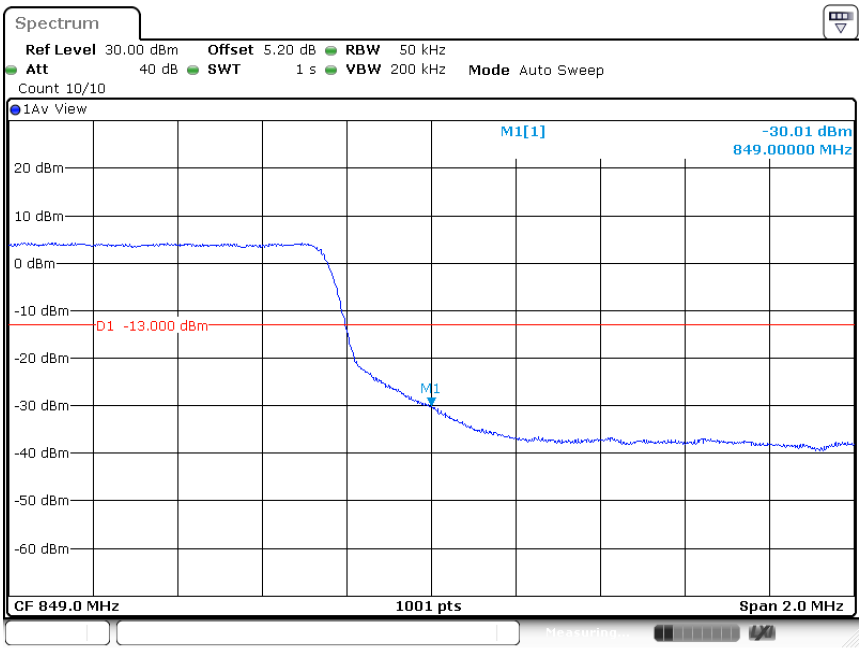

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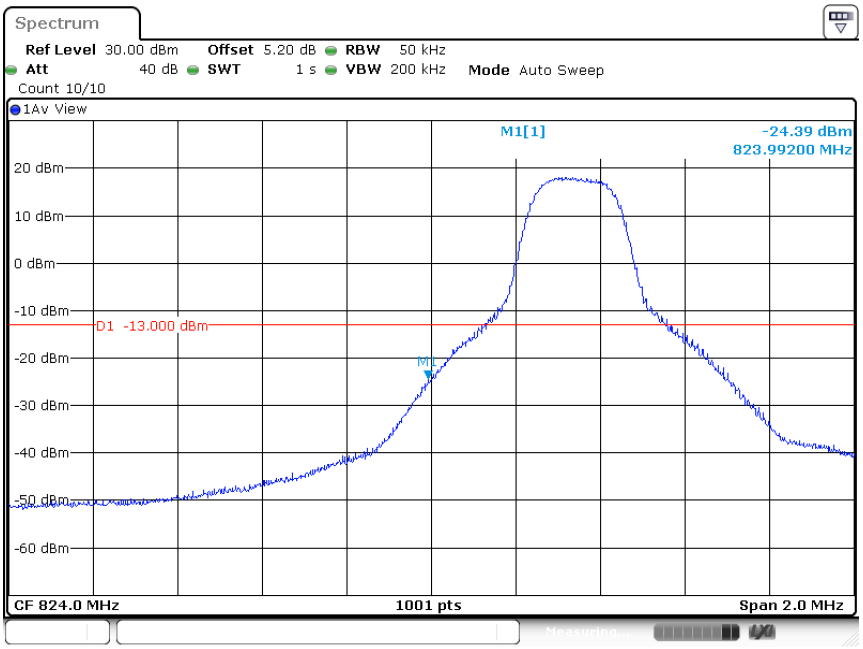
Band5-5MHz-16QAM-20425-1RB#0



Date: 22.OCT.2020 15:16:51

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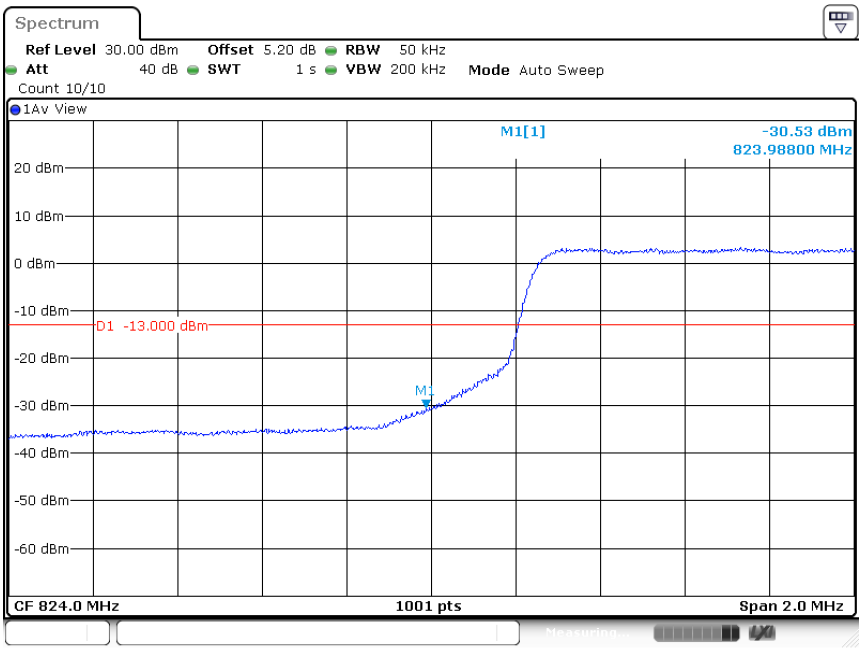

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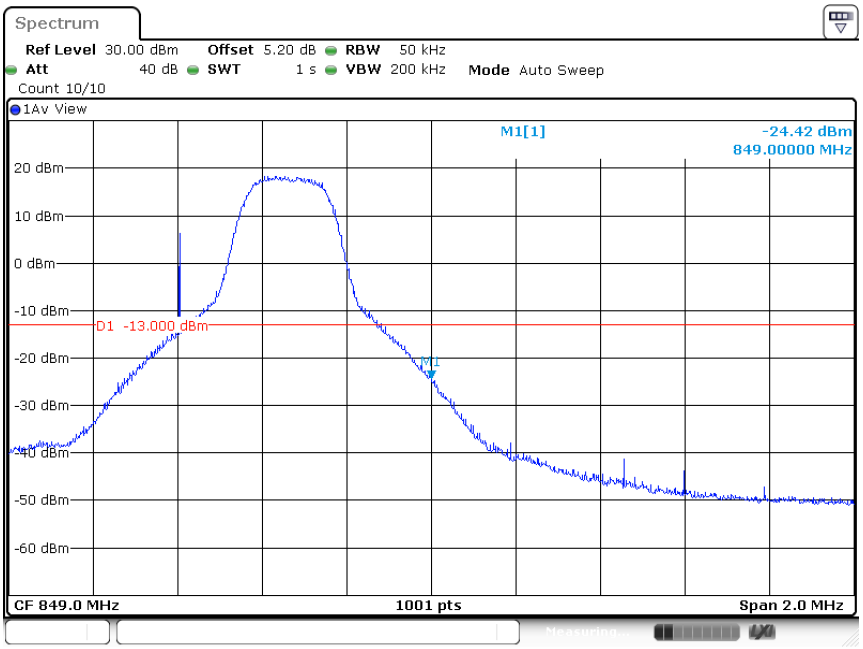
Band5-5MHz-16QAM-20625-1RB#24



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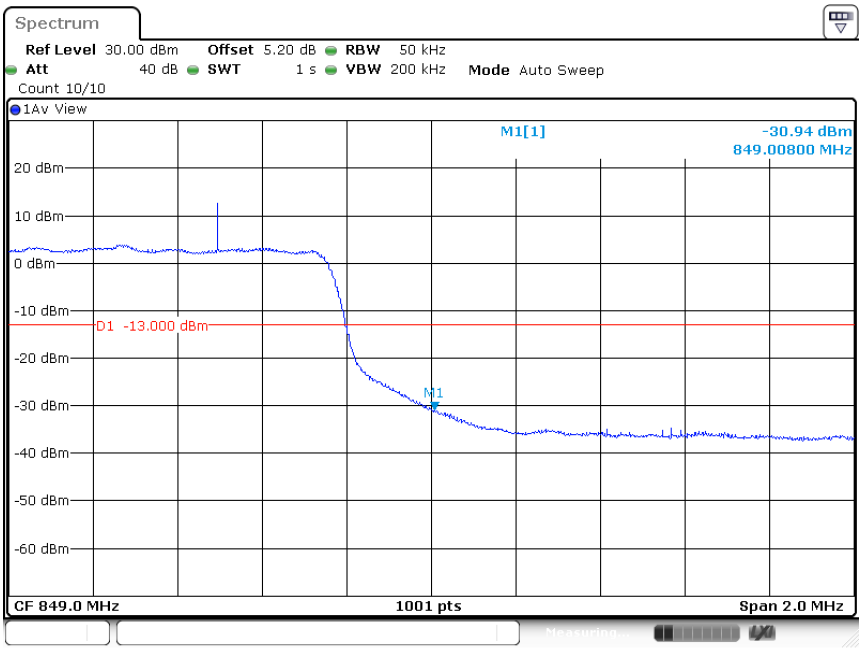

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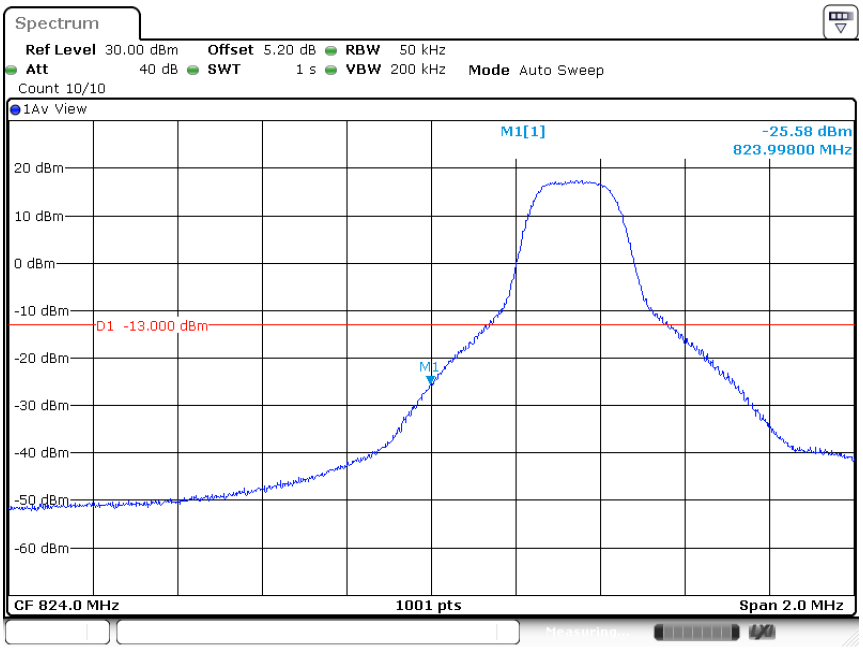
Band5-5MHz-64QAM-20425-1RB#0



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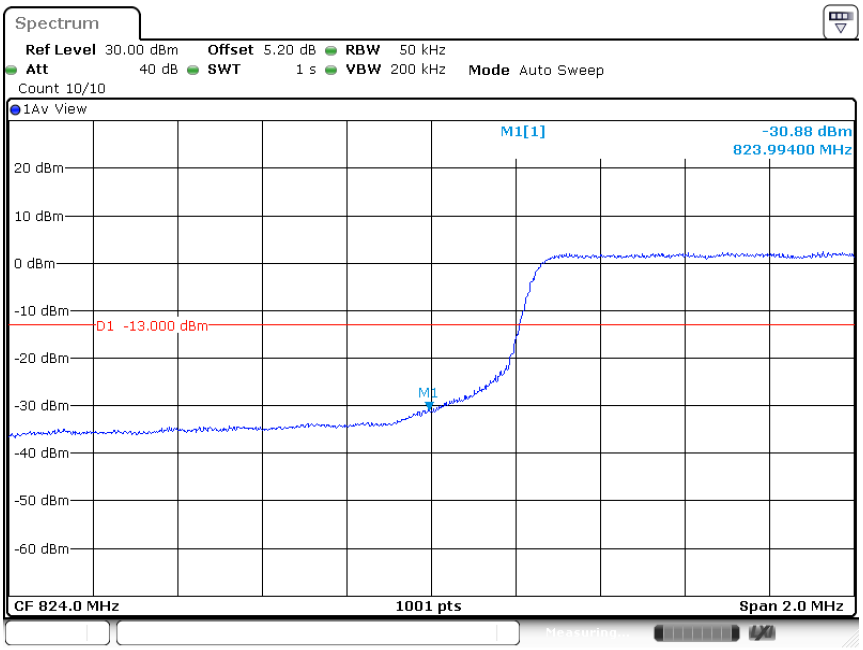

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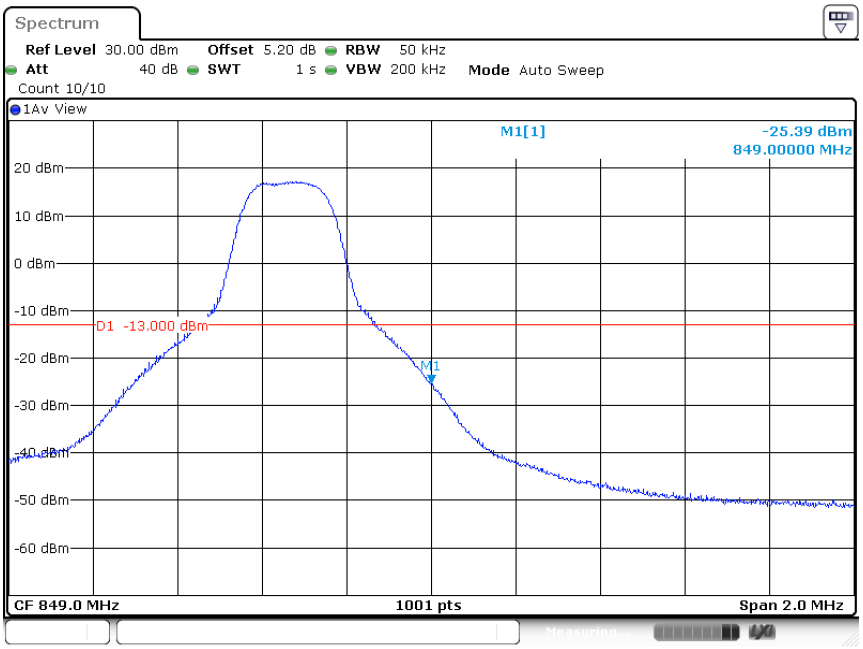
Band5-5MHz-64QAM-20625-1RB#24



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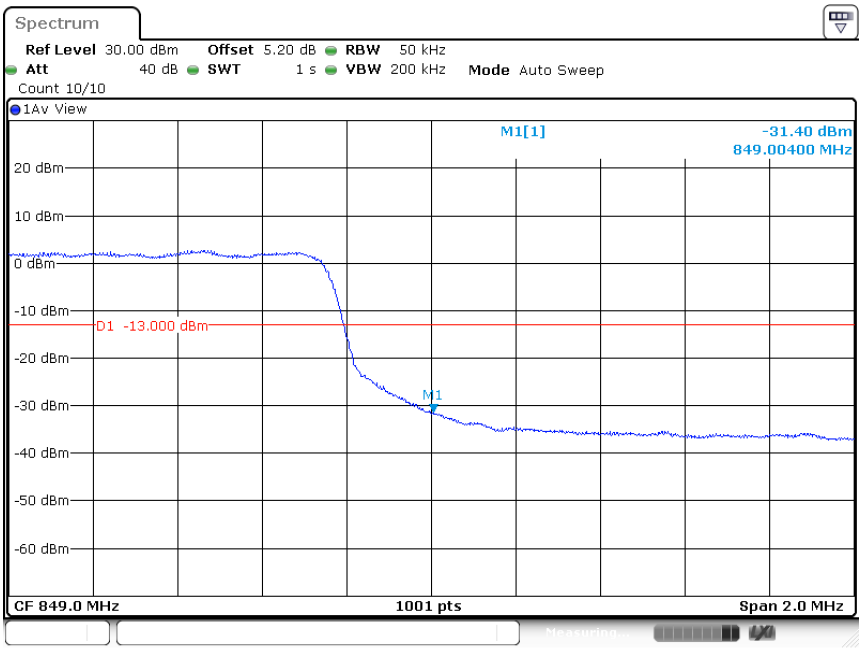

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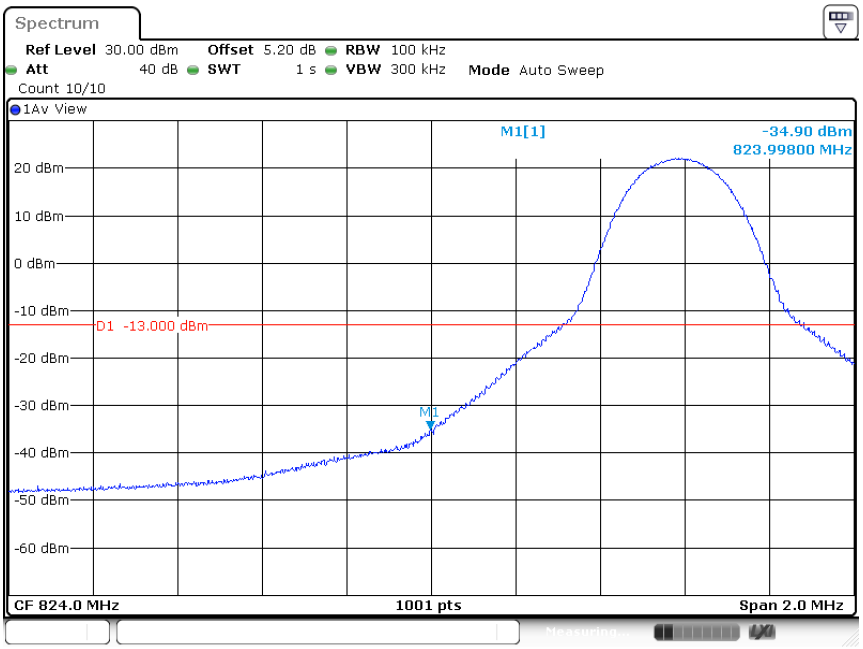
Band5-10MHz-QPSK-20450-1RB#0



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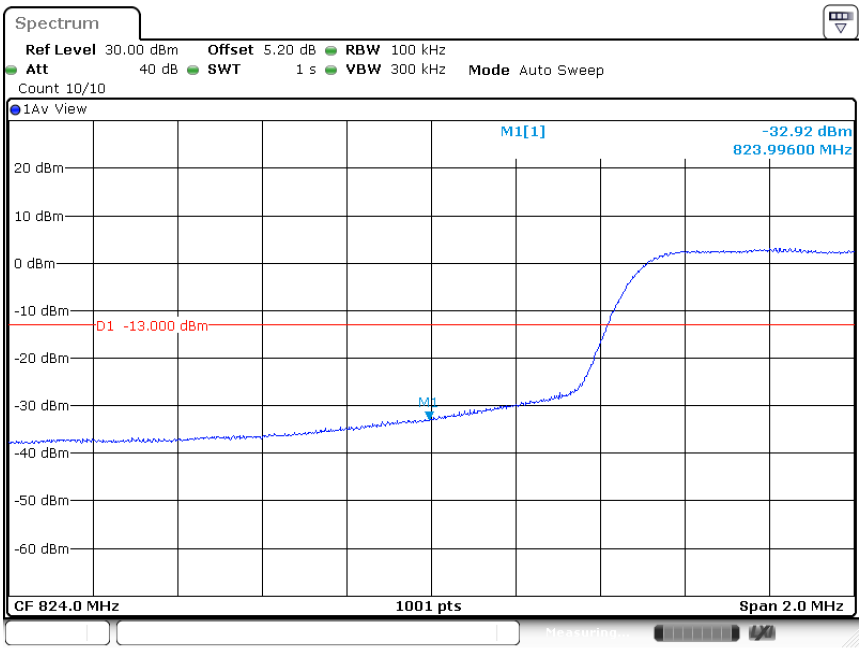
Band5-10MHz-QPSK-20450-50RB#0



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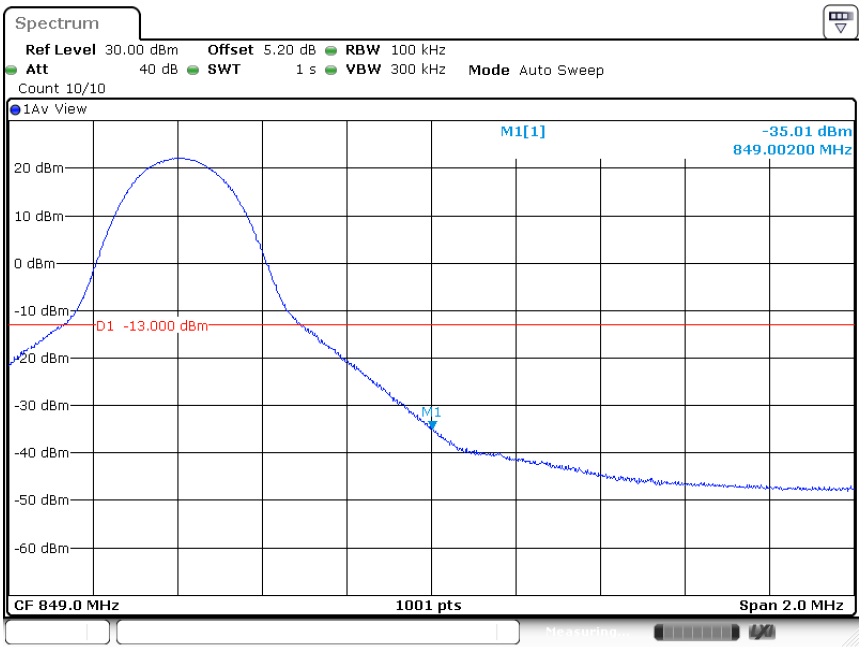
Band5-10MHz-QPSK-20600-1RB#49



Date: 22.OCT.2020 15:21:35

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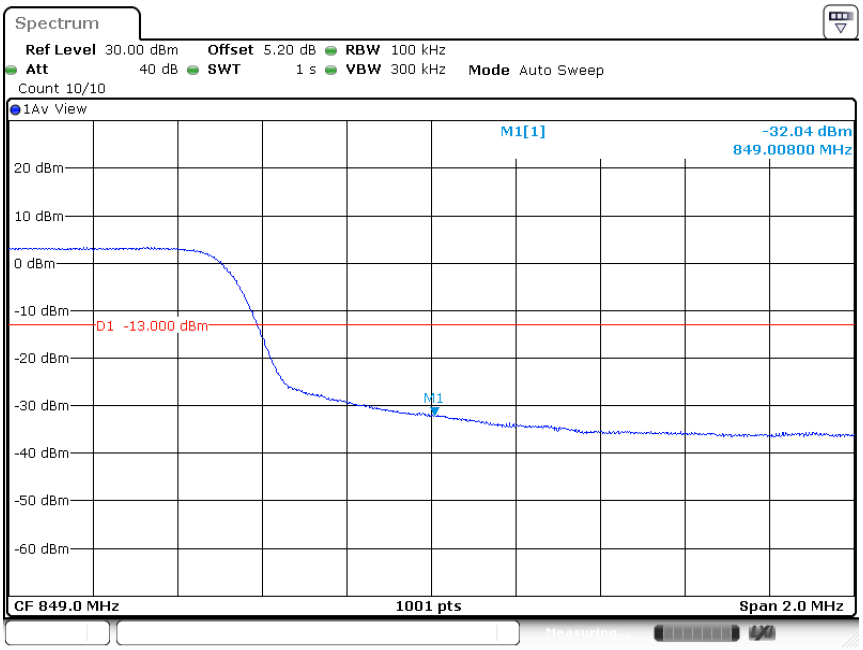
Band5-10MHz-QPSK-20600-50RB#0



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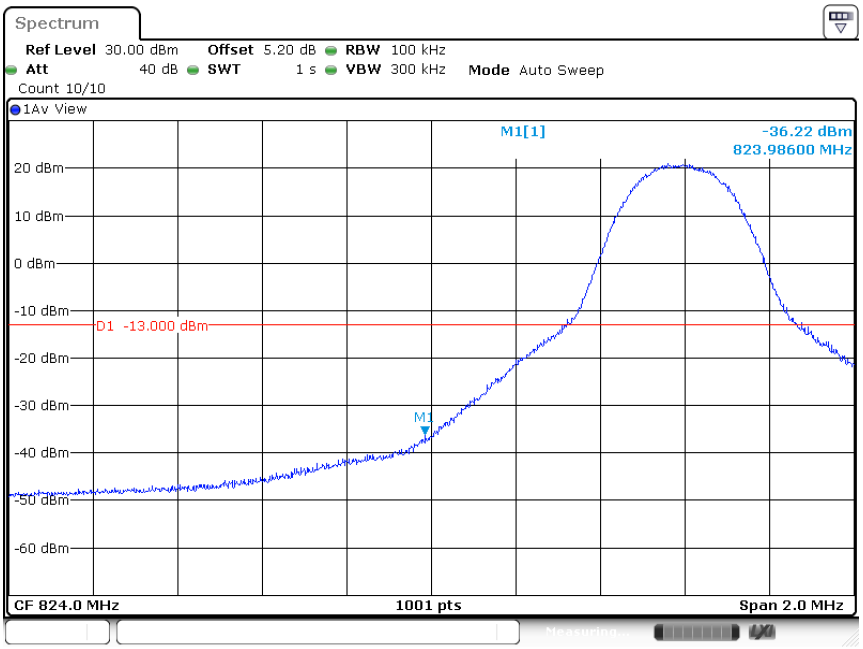
Band5-10MHz-16QAM-20450-1RB#0



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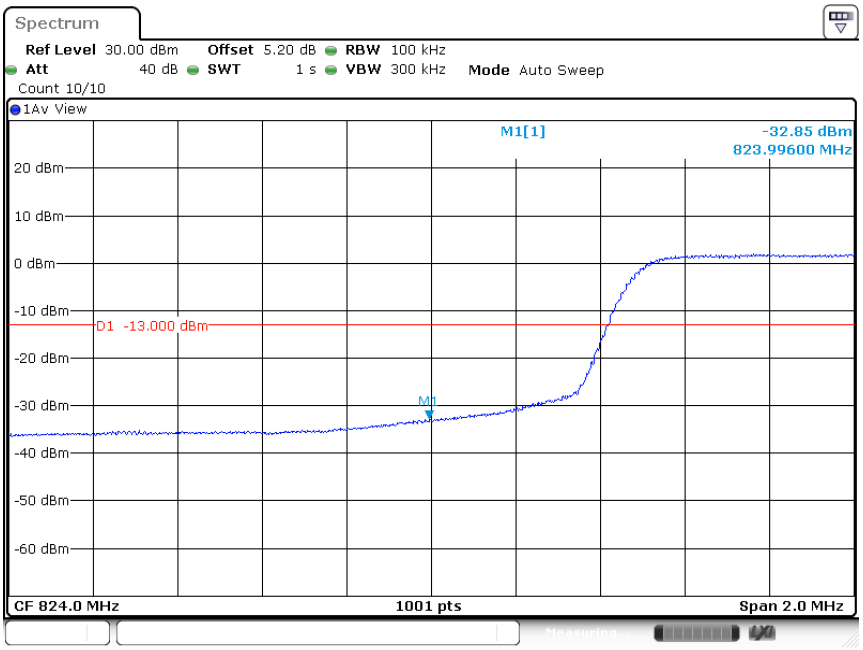
Band5-10MHz-16QAM-20450-50RB#0



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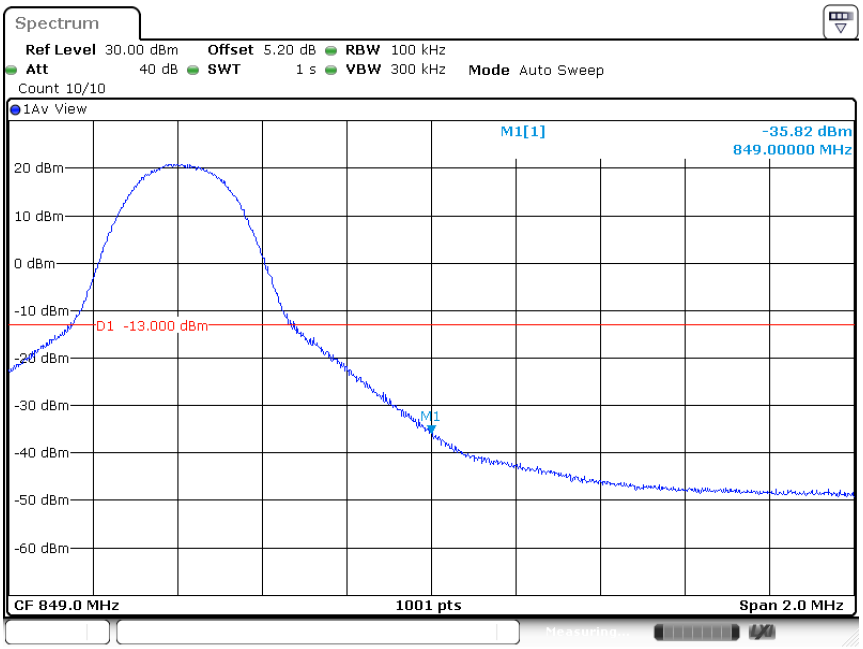
Band5-10MHz-16QAM-20600-1RB#49



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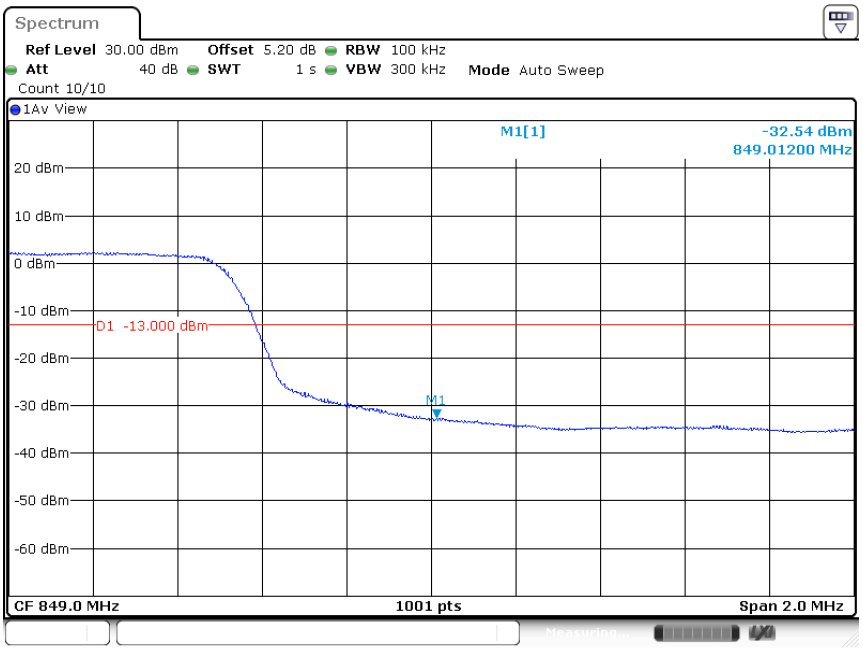
Band5-10MHz-16QAM-20600-50RB#0



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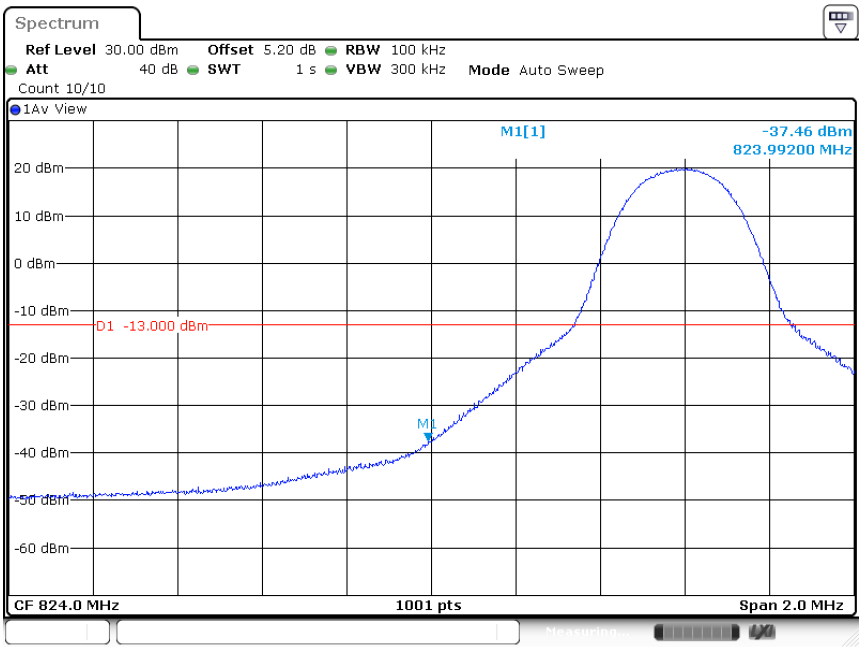
Band5-10MHz-64QAM-20450-1RB#0



Date: 22.OCT.2020 17:00:05

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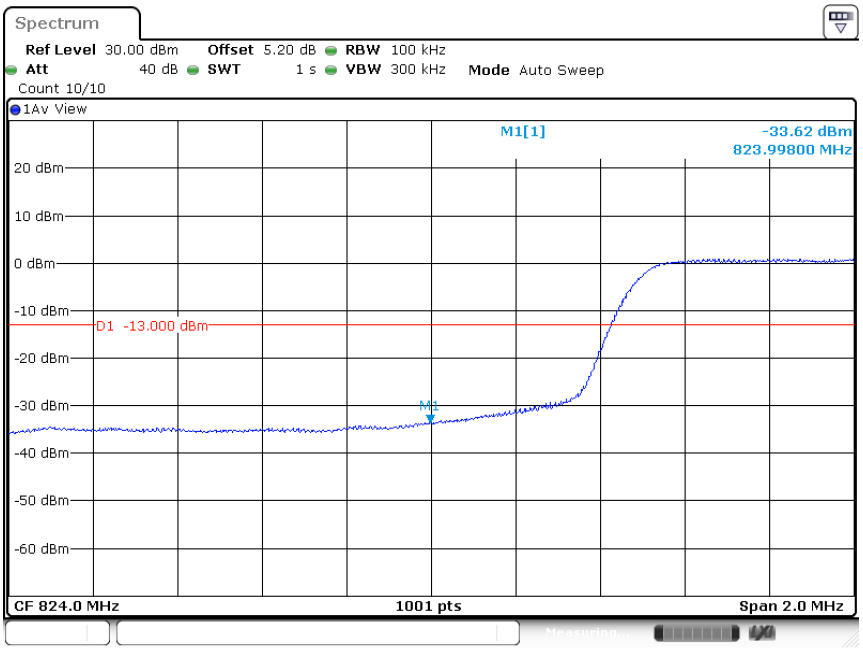
Band5-10MHz-64QAM-20450-50RB#0



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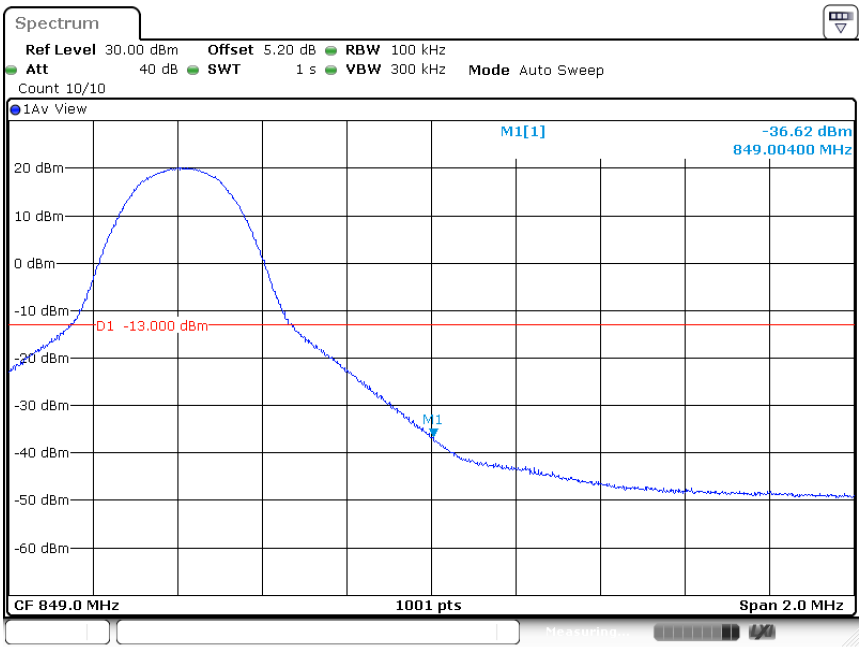
Band5-10MHz-64QAM-20600-1RB#49



Date: 22.OCT.2020 17:01:01

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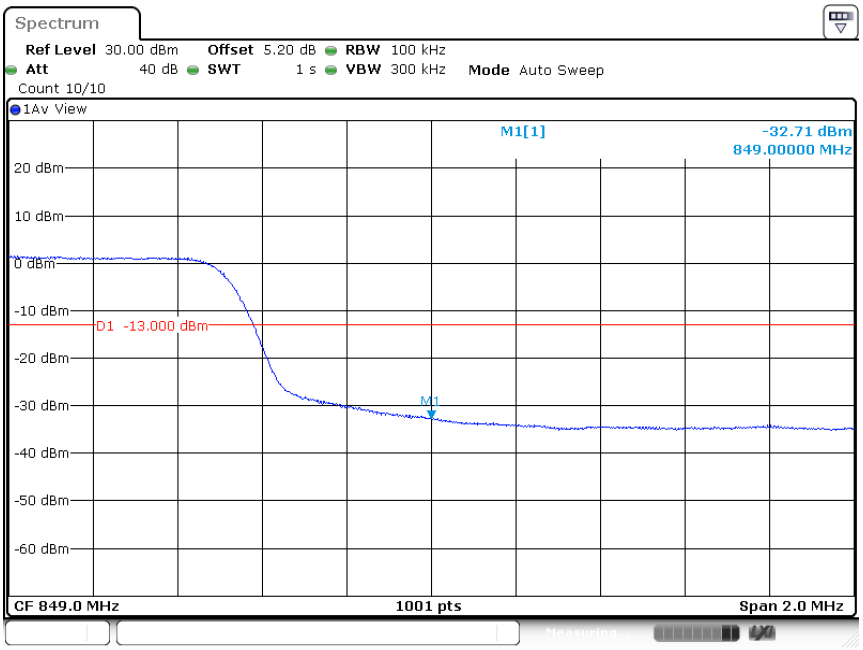
Band5-10MHz-64QAM-20600-50RB#0



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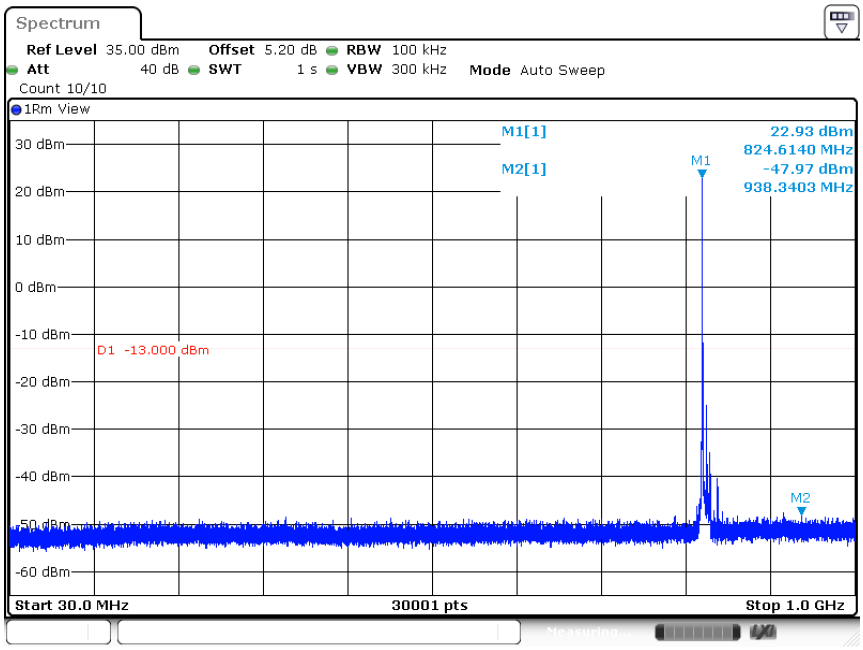
6 Spurious Emission at Antenna Terminal

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

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

6.1 Test Plots

Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



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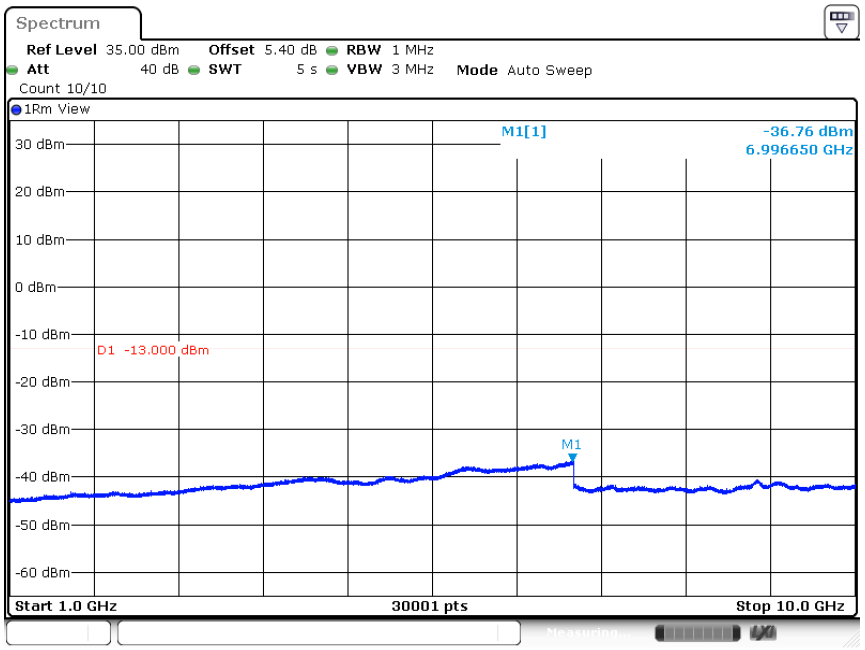
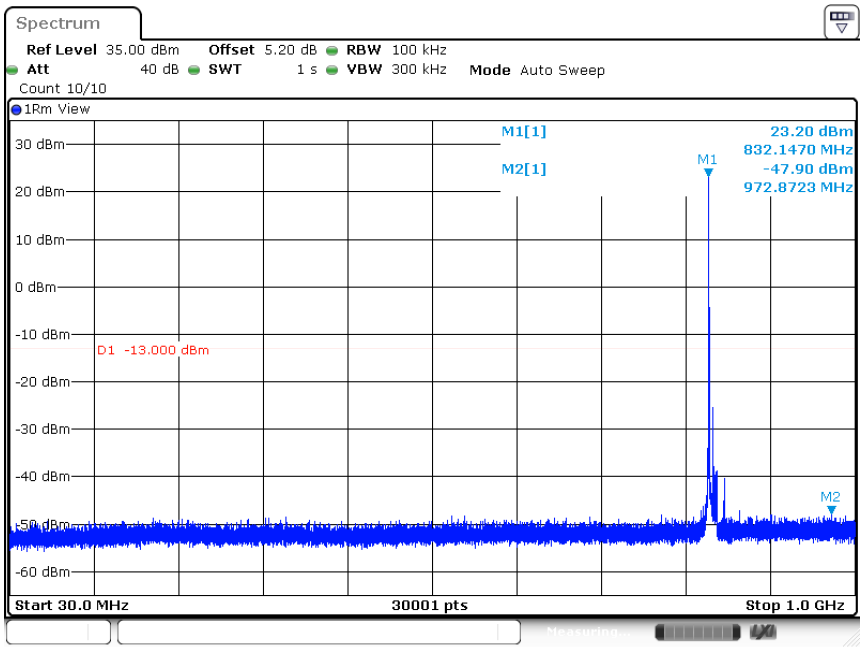
Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 15:24:22

Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



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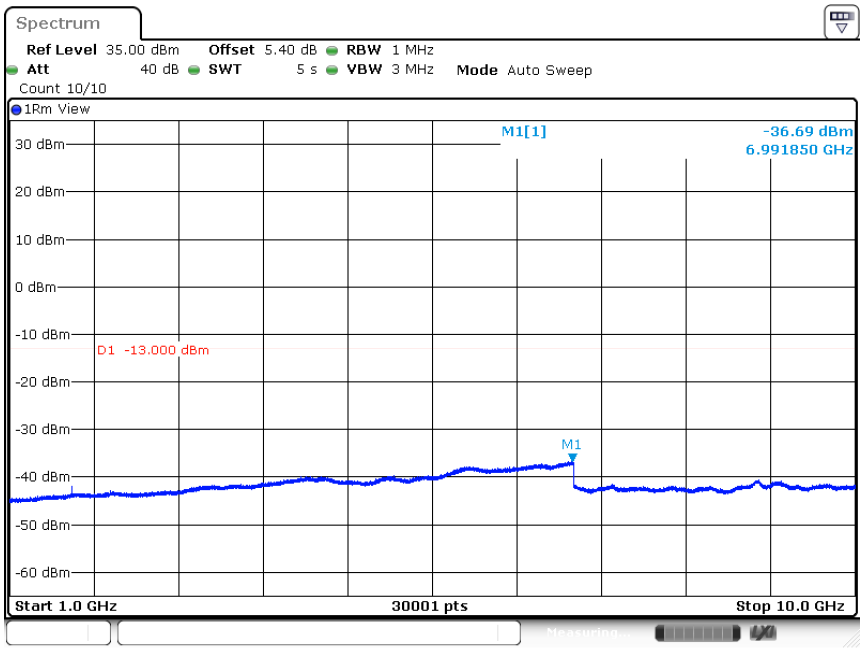
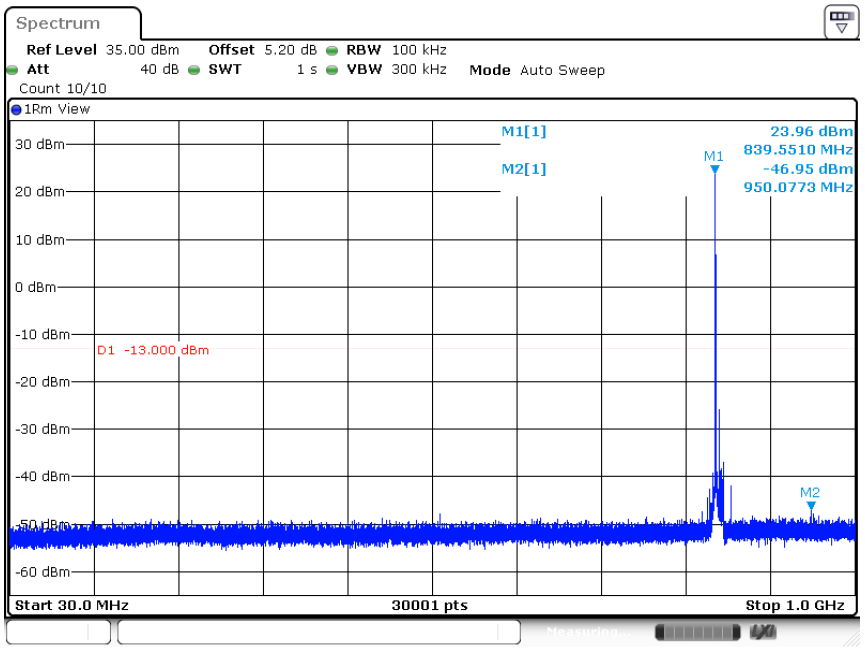
Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 15:27:24

Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



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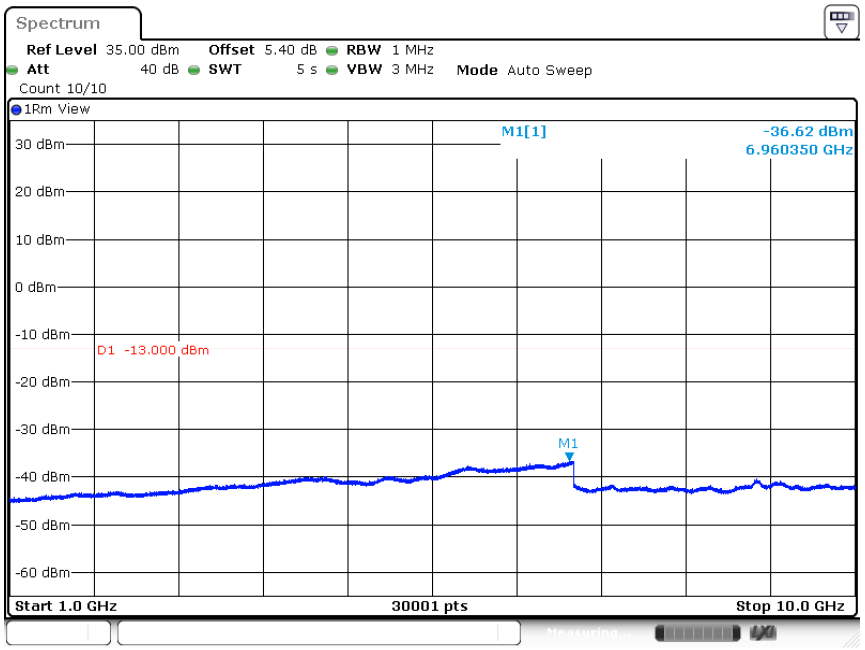
Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



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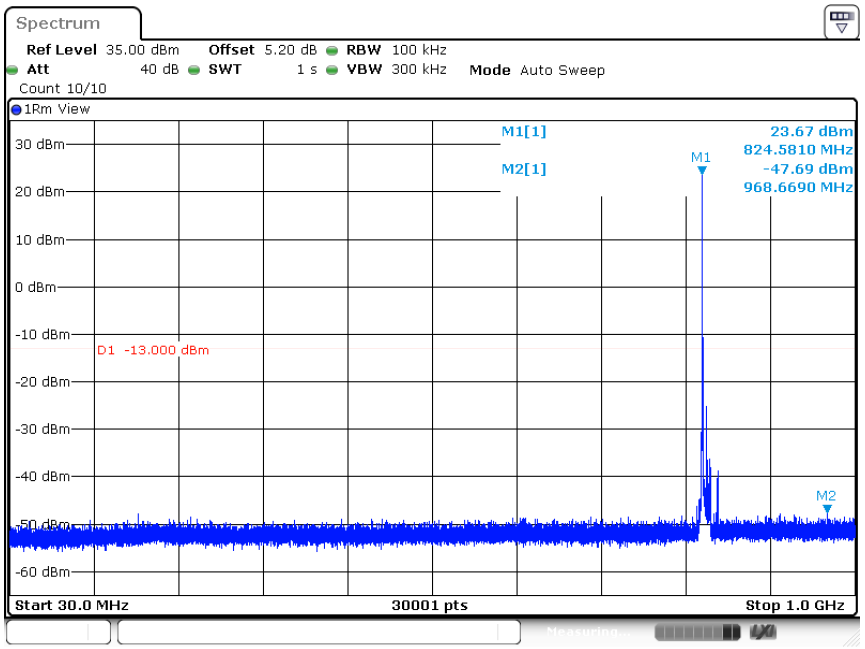
Band5-10MHz-16QAM-20450-1RB#0-Range1:30~1000MHz



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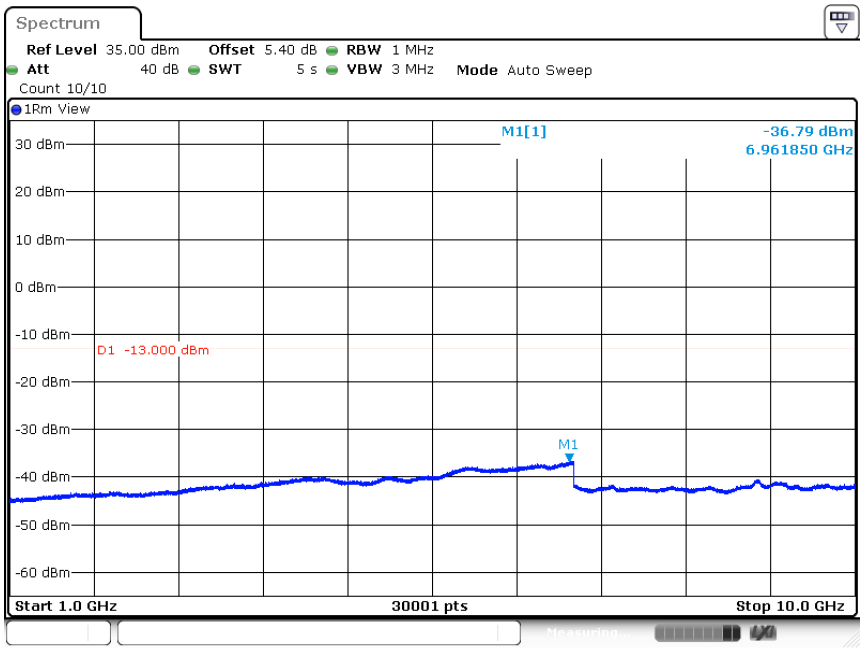
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



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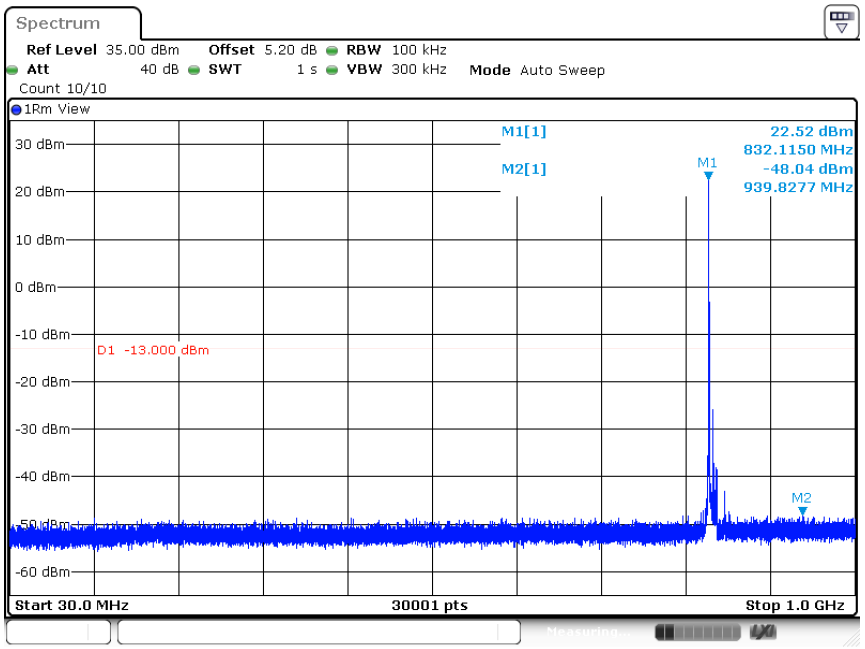

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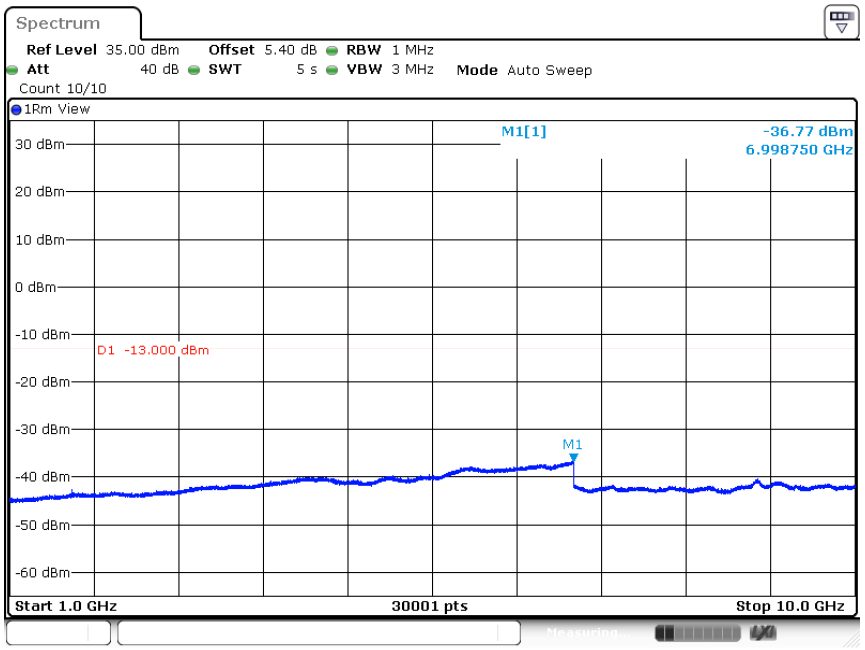
Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



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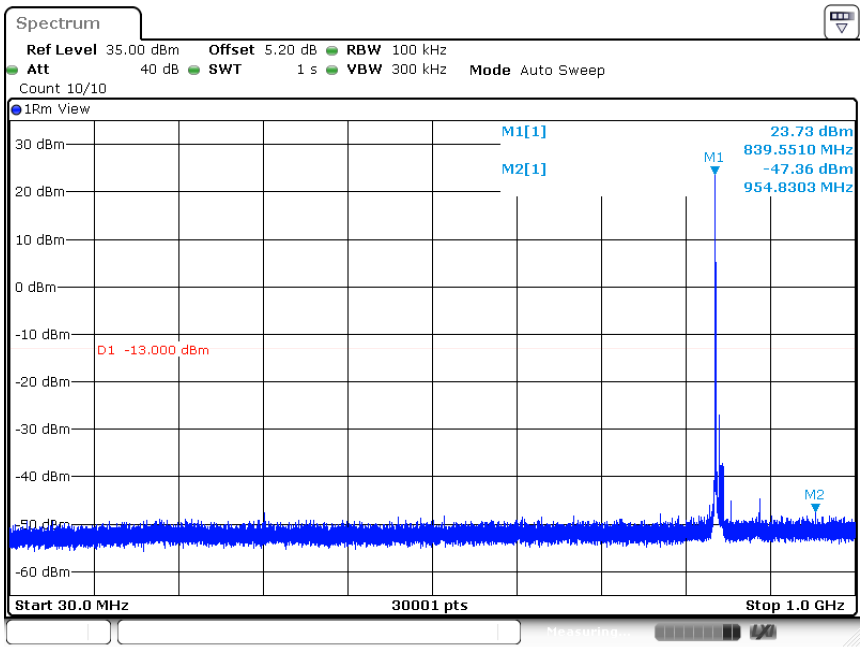

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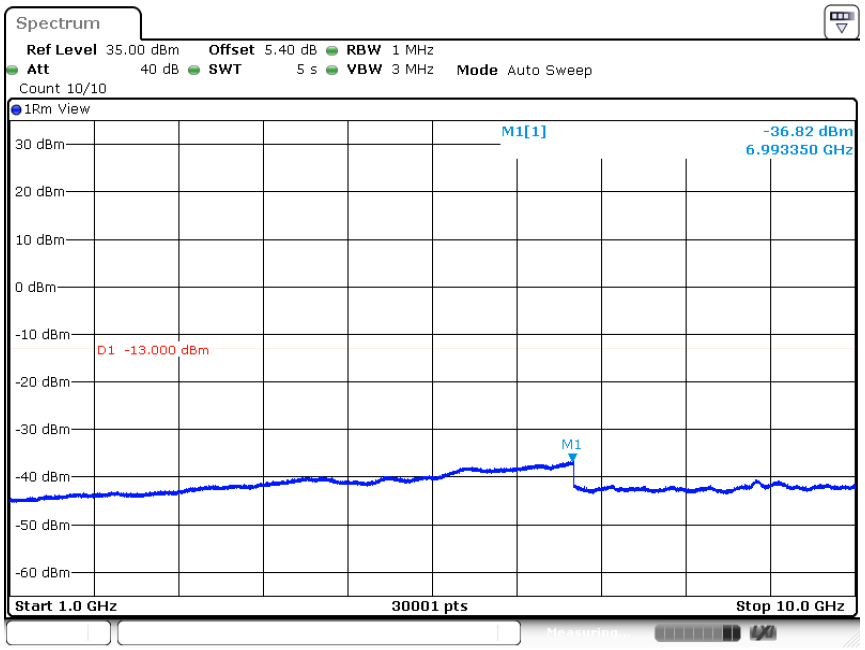
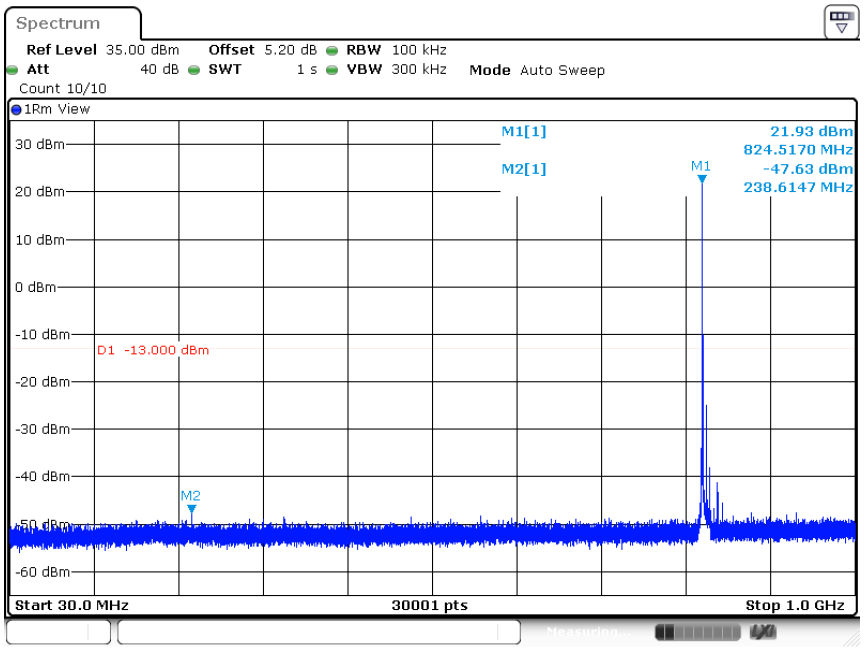
Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 15:31:57

Band5-10MHz-64QAM-20450-1RB#0-Range1:30~1000MHz



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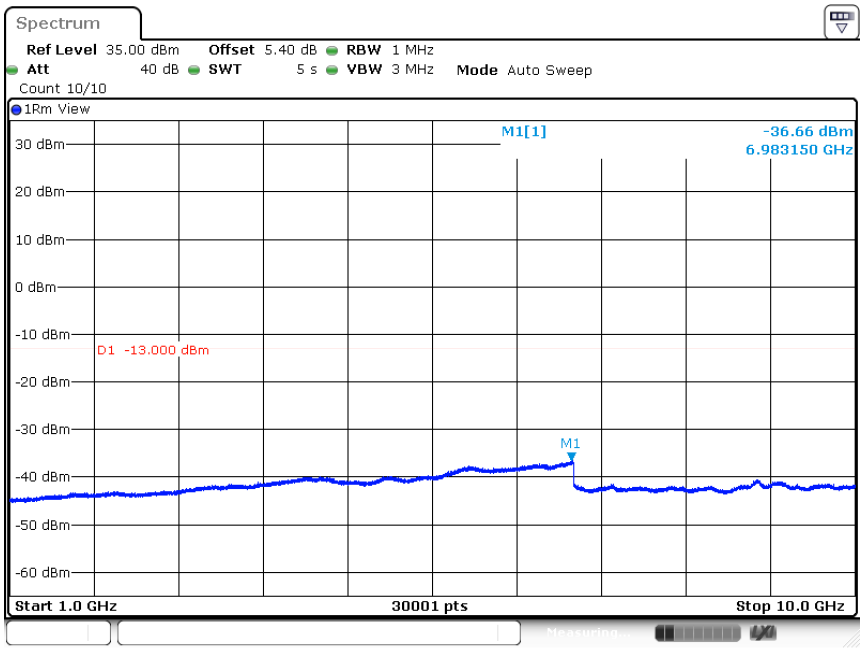
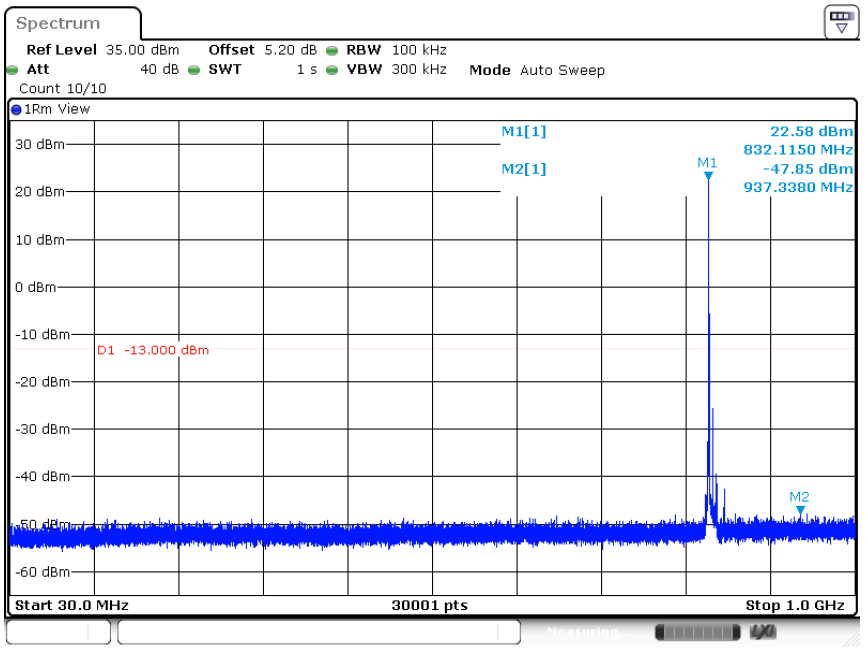
Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 17:03:01

Band5-10MHz-64QAM-20525-1RB#0-Range1:30~1000MHz



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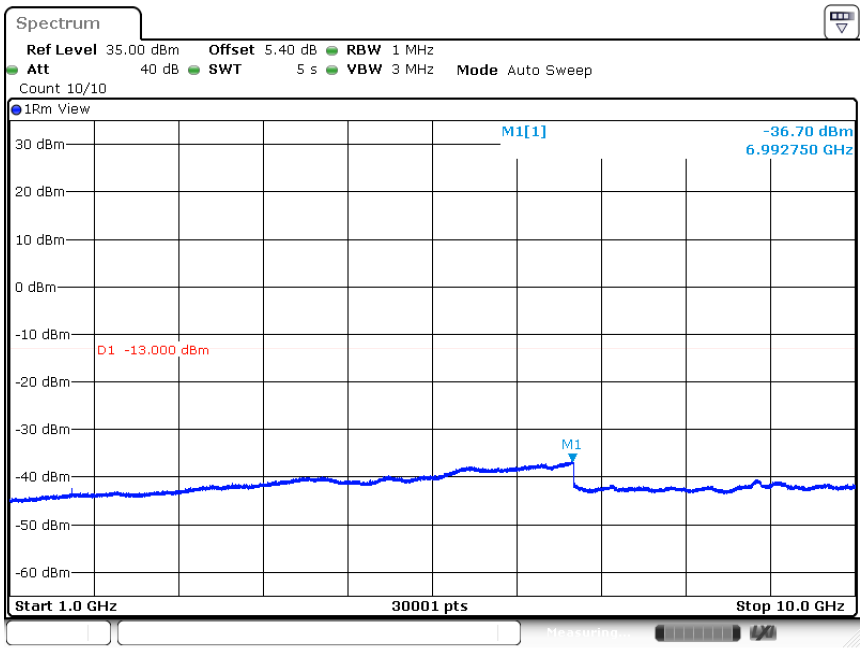
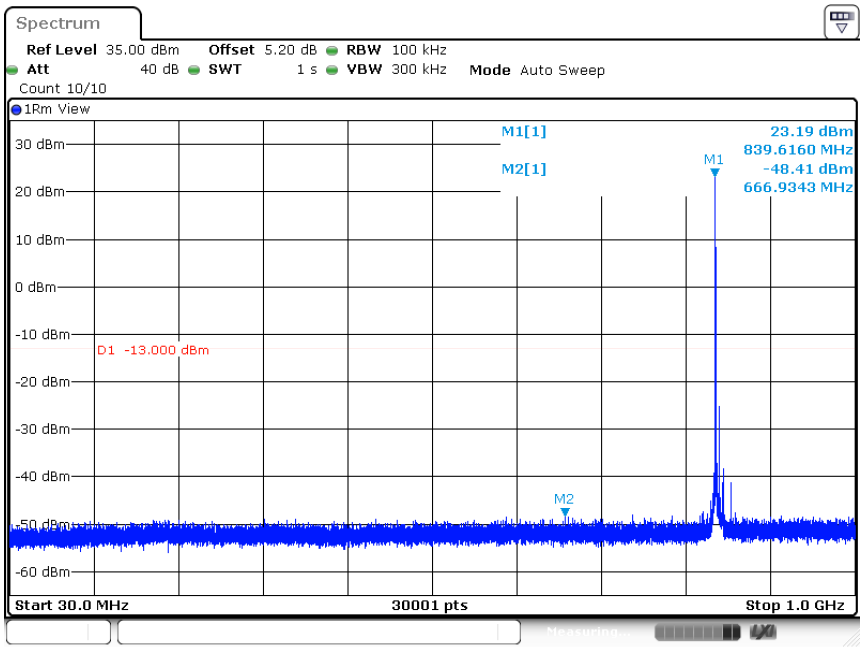


Date: 22.OCT.2020 17:04:32

Band5-10MHz-64QAM-20600-1RB#0-Range1:30~1000MHz



Date: 22.OCT.2020 17:04:54

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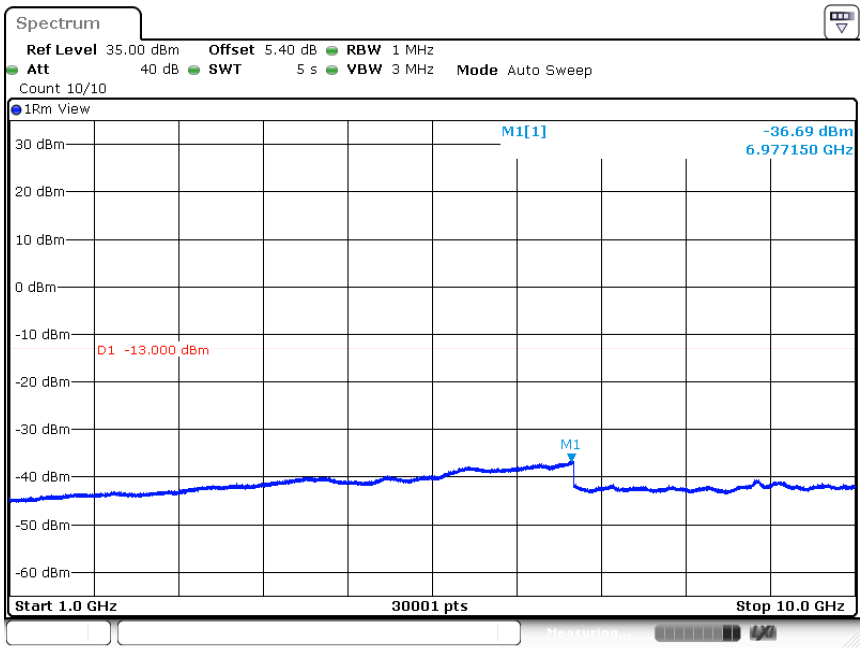
Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz



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7 Field Strength of Spurious Radiation

7.1 Test Band = LTE_5 _TM1

7.1.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	40.2825	-61.90	-13.00	48.90	Horizontal
2	102.4626	-72.21	-13.00	59.21	Horizontal
3	232.3036	-64.51	-13.00	51.51	Horizontal
4	1649.3299	-57.18	-13.00	44.18	Horizontal
5	2473.8948	-46.49	-13.00	33.49	Horizontal
6	4123.0708	-58.27	-13.00	45.27	Horizontal

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7.2 Test Band = LTE_5 _TM1

7.2.1 Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.6790	-70.35	-13.00	57.35	Vertical
2	115.1218	-61.86	-13.00	48.86	Vertical
3	367.4799	-64.69	-13.00	51.69	Vertical
4	1648.9298	-57.83	-13.00	44.83	Vertical
5	2473.8948	-48.90	-13.00	35.90	Vertical
6	4122.6041	-56.23	-13.00	43.23	Vertical

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7.3 Test Band = LTE_5 _TM1

7.3.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.4580	-61.84	-13.00	48.84	Horizontal
2	231.8186	-64.89	-13.00	51.89	Horizontal
3	1664.1328	-60.08	-13.00	47.08	Horizontal
4	2496.2993	-51.68	-13.00	38.68	Horizontal
5	4160.4053	-55.70	-13.00	42.70	Horizontal
6	8320.6440	-51.16	-13.00	38.16	Horizontal

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7.4 Test Band = LTE_5 _TM1

7.4.1 Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	32.8131	-69.88	-13.00	56.88	Vertical
2	109.9320	-62.15	-13.00	49.15	Vertical
3	381.0606	-64.70	-13.00	51.70	Vertical
4	1664.1328	-61.73	-13.00	48.73	Vertical
5	2496.2993	-50.39	-13.00	37.39	Vertical
6	4160.1720	-52.90	-13.00	39.90	Vertical

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7.5 Test Band = LTE_5 _TM1

7.5.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	39.3125	-61.72	-13.00	48.72	Horizontal
2	233.8072	-63.73	-13.00	50.73	Horizontal
3	1679.3359	-58.52	-13.00	45.52	Horizontal
4	2518.7037	-48.29	-13.00	35.29	Horizontal
5	4197.7399	-60.16	-13.00	47.16	Horizontal
6	9318.4106	-52.66	-13.00	39.66	Horizontal

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7.6 Test Band = LTE_5 _TM1

7.6.1 Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	32.5221	-68.50	-13.00	55.50	Vertical
2	112.2116	-62.44	-13.00	49.44	Vertical
3	334.1102	-65.87	-13.00	52.87	Vertical
4	1678.9358	-57.73	-13.00	44.73	Vertical
5	2518.7037	-50.59	-13.00	37.59	Vertical
6	4197.7399	-60.63	-13.00	47.63	Vertical

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 All modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-0.10	-0.000121	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-1.80	-0.002171	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-1.50	-0.001793	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-1.10	-0.001315	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-0.70	-0.000829	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	0.20	0.000241	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-1.30	-0.001554	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-1.10	-0.001315	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-0.20	-0.000237	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VL	NT	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VN	NT	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	VH	NT	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VL	NT	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VN	NT	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	VH	NT	-0.30	-0.000359	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VN	NT	-0.20	-0.000237	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	VH	NT	-1.90	-0.002251	±2.5	PASS

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8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-1.20	-0.001448	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-0.10	-0.000121	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	0.70	0.000844	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-0.40	-0.000483	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	0.20	0.000241	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	0.10	0.000121	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	0.60	0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-0.80	-0.000956	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-2.10	-0.002510	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-1.40	-0.001674	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-0.50	-0.000592	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-1.40	-0.001659	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	-1.10	-0.001303	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	40	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-1.20	-0.001422	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	-0.70	-0.000844	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-1.30	-0.001568	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	0.10	0.000121	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-0.80	-0.000965	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-0.90	-0.001086	±2.5	PASS

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Band5	10MHz	16QAM	20450	50RB#0	NV	30	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	0.20	0.000241	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-0.50	-0.000603	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	0.90	0.001076	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-1.50	-0.001793	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-1.90	-0.002271	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	0.60	0.000717	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-2.00	-0.002370	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-1.60	-0.001896	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-1.00	-0.001185	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-0.80	-0.000948	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	0.10	0.000118	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-0.20	-0.000237	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-0.60	-0.000711	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-30	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-20	0.10	0.000121	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	-10	-0.20	-0.000241	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	0	-1.10	-0.001327	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	10	-0.60	-0.000724	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	20	-1.50	-0.001809	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	30	0.70	0.000844	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	40	0.40	0.000483	±2.5	PASS
Band5	10MHz	64QAM	20450	50RB#0	NV	50	0.20	0.000241	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-30	-0.20	-0.000239	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-20	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	-10	0.40	0.000478	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	0	-0.40	-0.000478	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	10	0.10	0.000120	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	20	-1.00	-0.001195	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	30	0.50	0.000598	±2.5	PASS

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Band5	10MHz	64QAM	20525	50RB#0	NV	40	0.50	0.000598	±2.5	PASS
Band5	10MHz	64QAM	20525	50RB#0	NV	50	0.50	0.000598	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-30	-0.90	-0.001066	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-20	-0.40	-0.000474	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	-10	0.50	0.000592	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	0	-0.30	-0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	10	-1.50	-0.001777	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	20	-1.70	-0.002014	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	40	0.30	0.000355	±2.5	PASS
Band5	10MHz	64QAM	20600	50RB#0	NV	50	-1.50	-0.001777	±2.5	PASS

The End

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