



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 [dBi]

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



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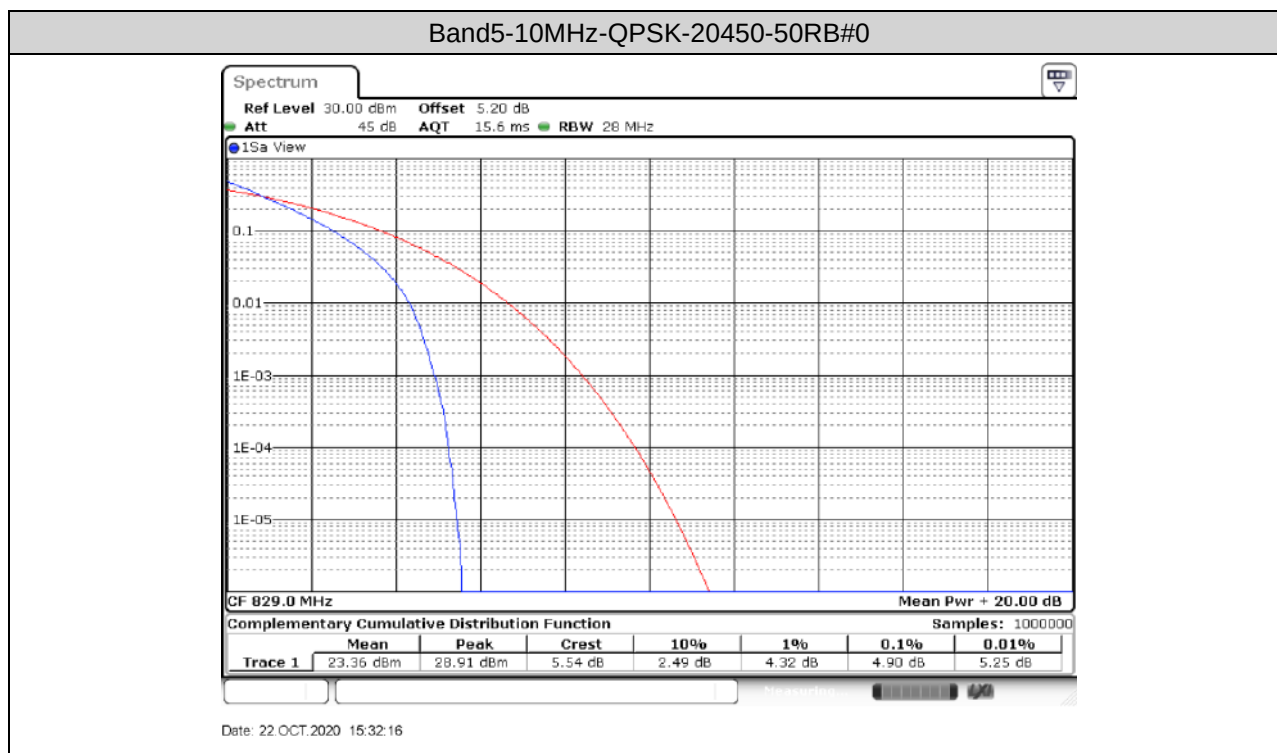
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2 Peak-to-Average Ratio (CCDF)

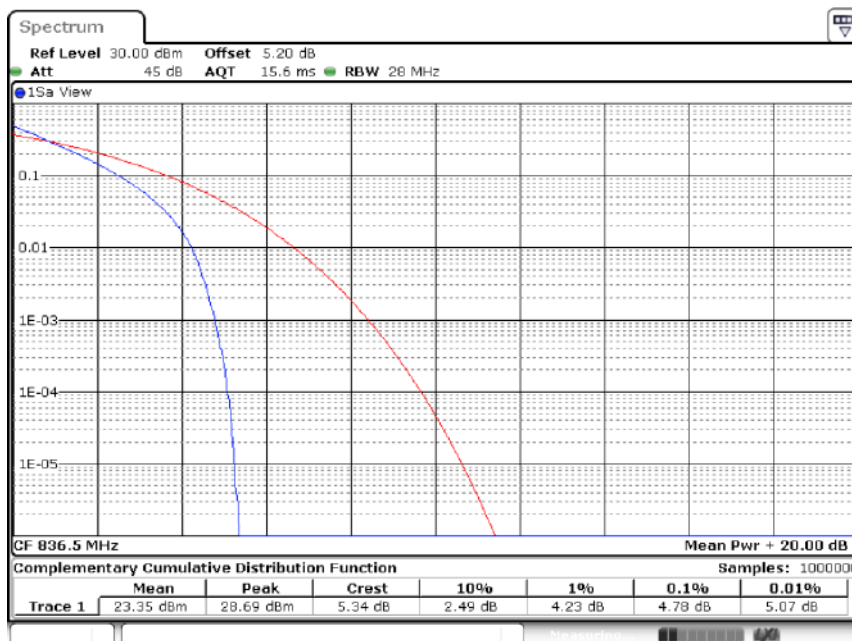
2.1 Test Result

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

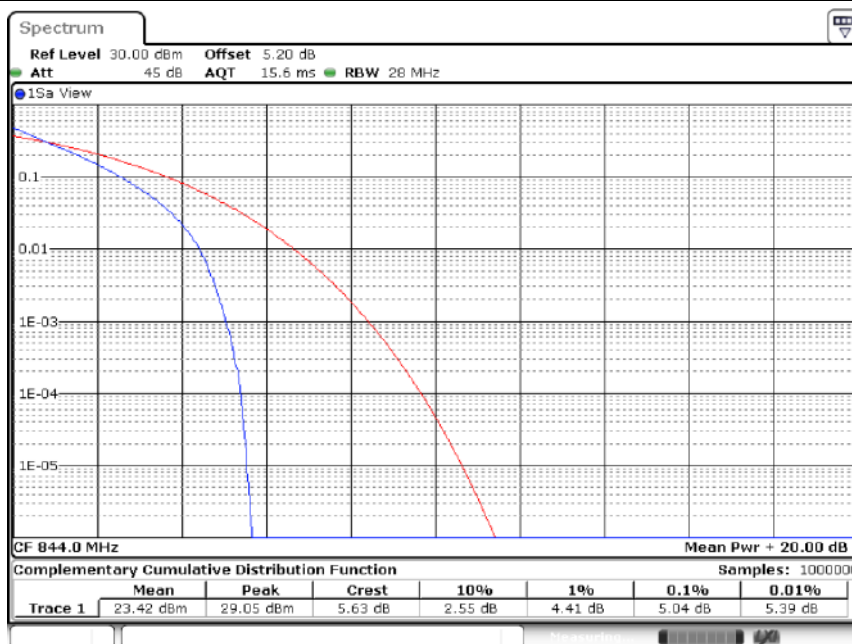


Band5-10MHz-QPSK-20525-50RB#0



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

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



Date: 22.OCT.2020 15:33:13

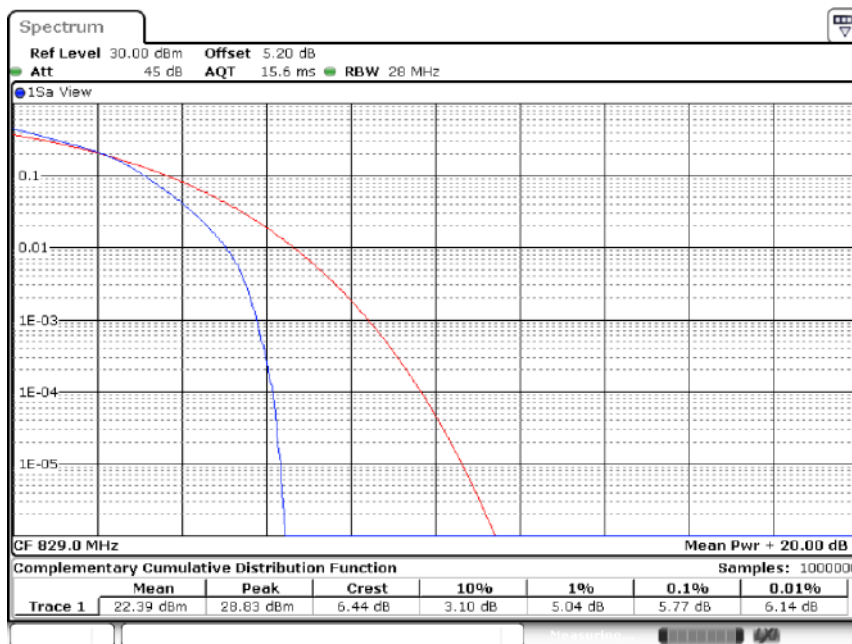


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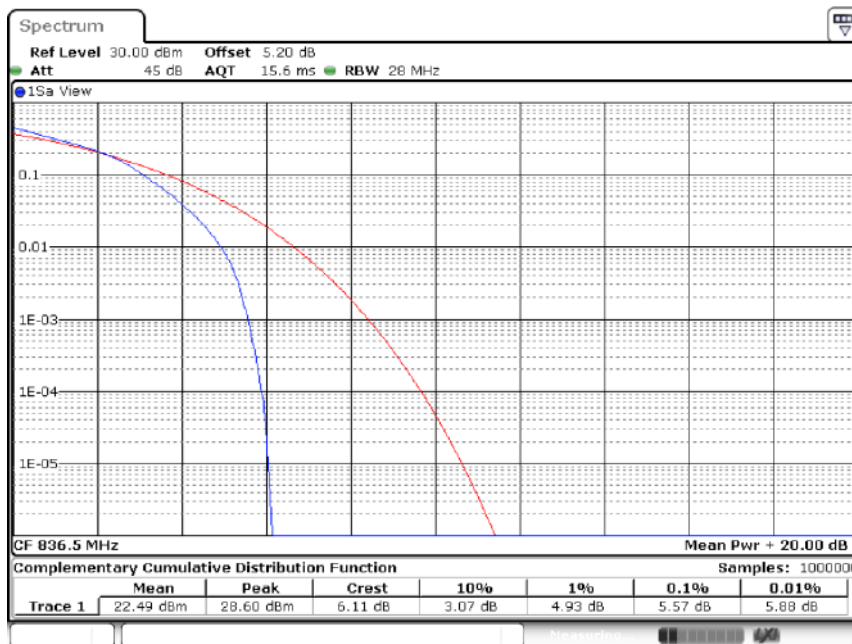
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Band5-10MHz-16QAM-20450-50RB#0



Date: 22 OCT.2020 15:32:30

Band5-10MHz-16QAM-20525-50RB#0

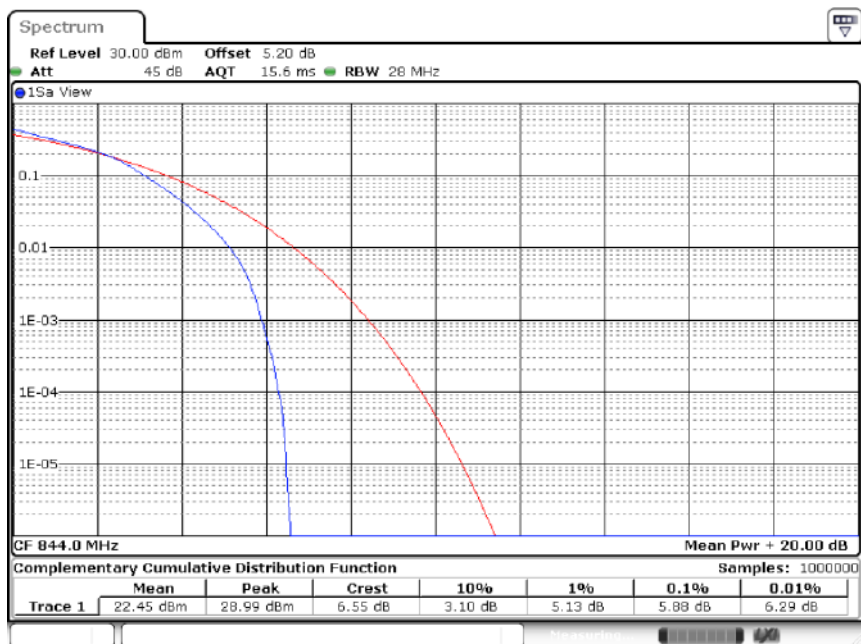


Date: 22 OCT.2020 15:32:58



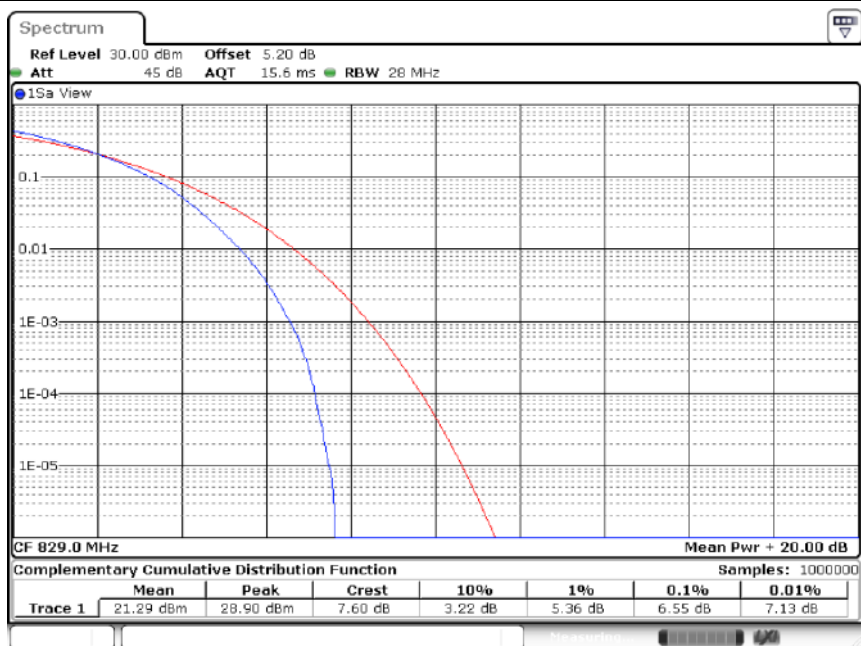
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Band5-10MHz-16QAM-20600-50RB#0



Date: 22 OCT.2020 15:33:28

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



Date: 22 OCT.2020 17:06:23



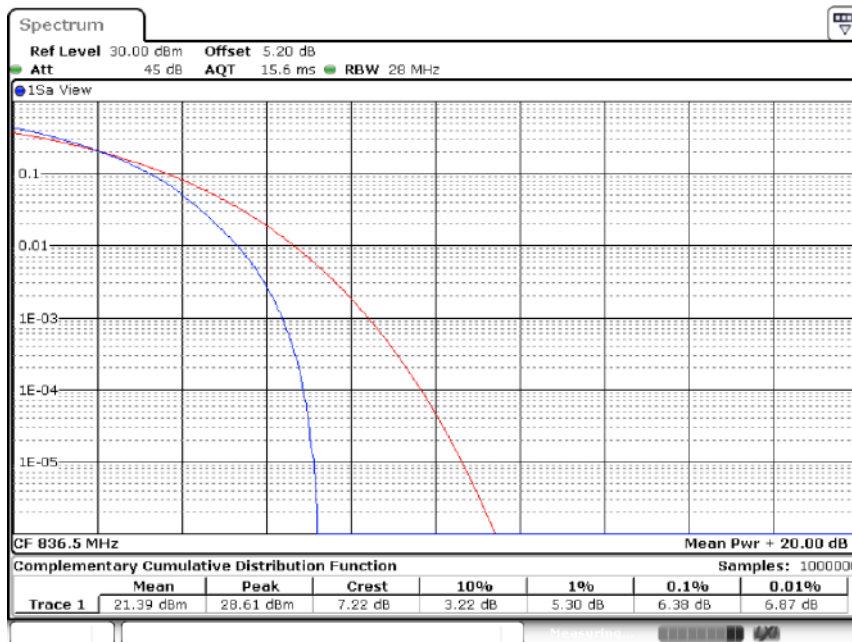
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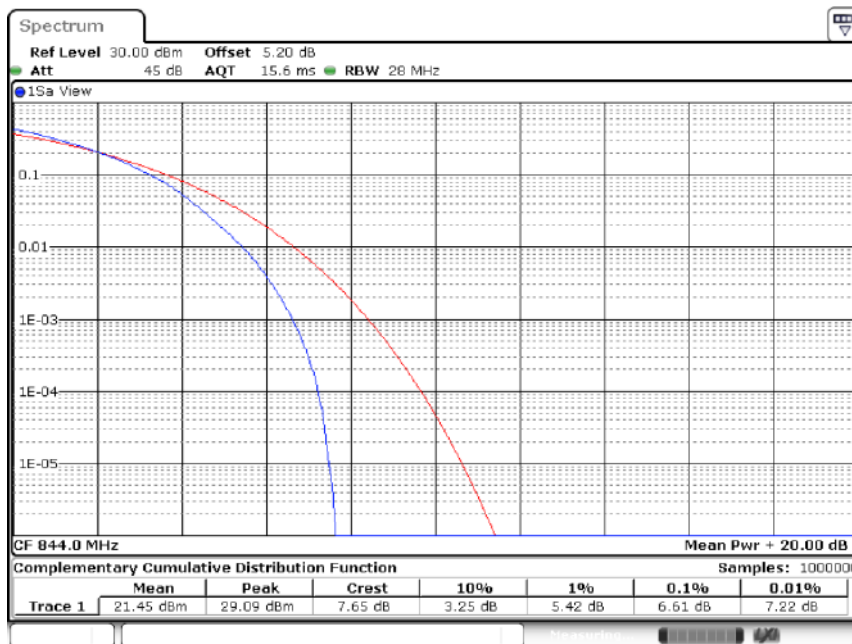
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Band5-10MHz-64QAM-20525-50RB#0



Date: 22.OCT.2020 17:06:37

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



Date: 22.OCT.2020 17:06:52



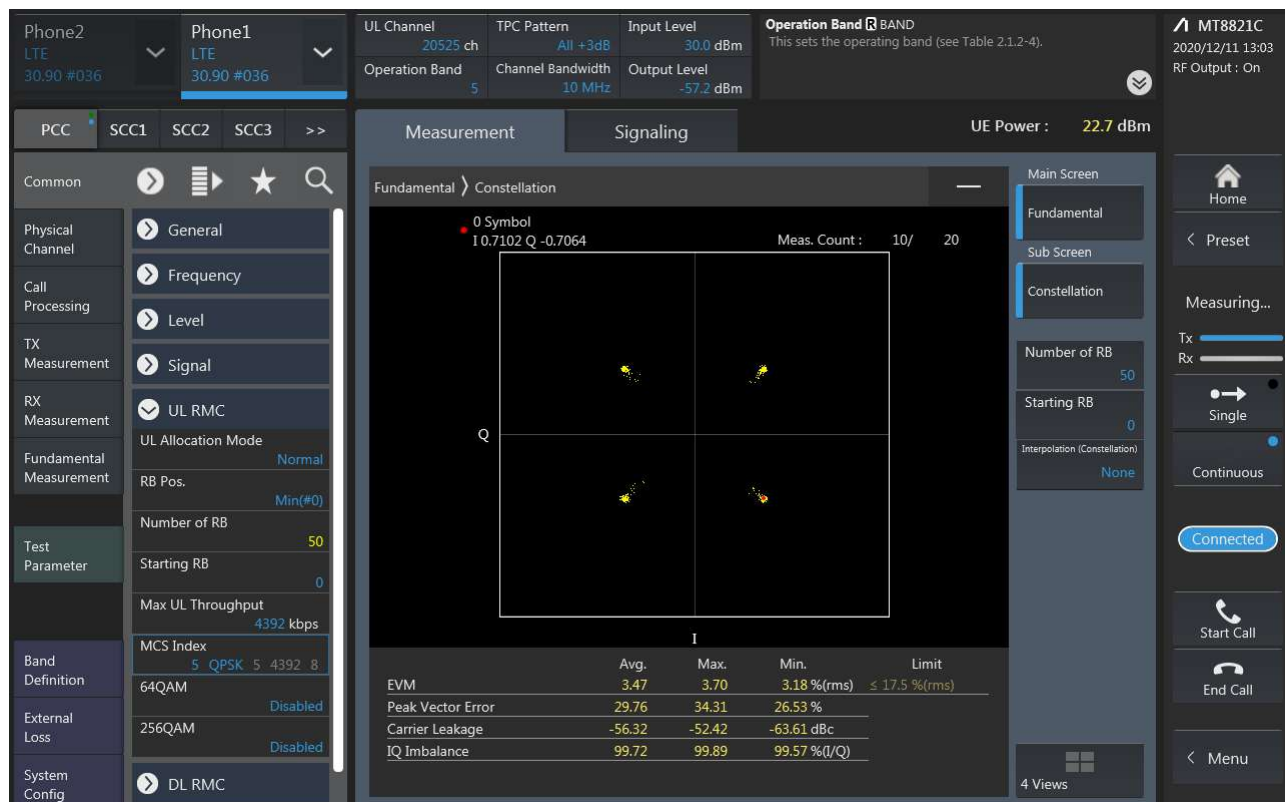
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3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 10MHz

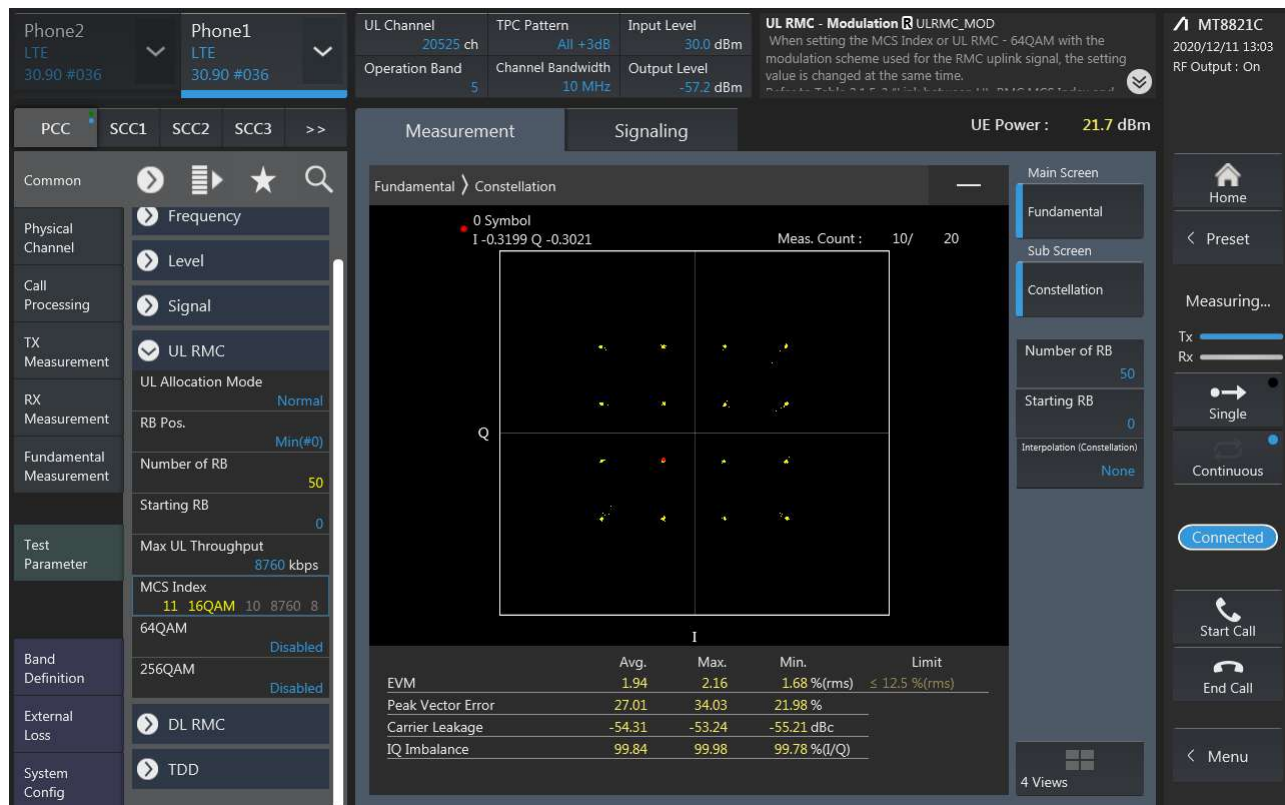
3.1.1 Test Channel = MCH





3.2 Test Mode = LTE /TM2 10MHz

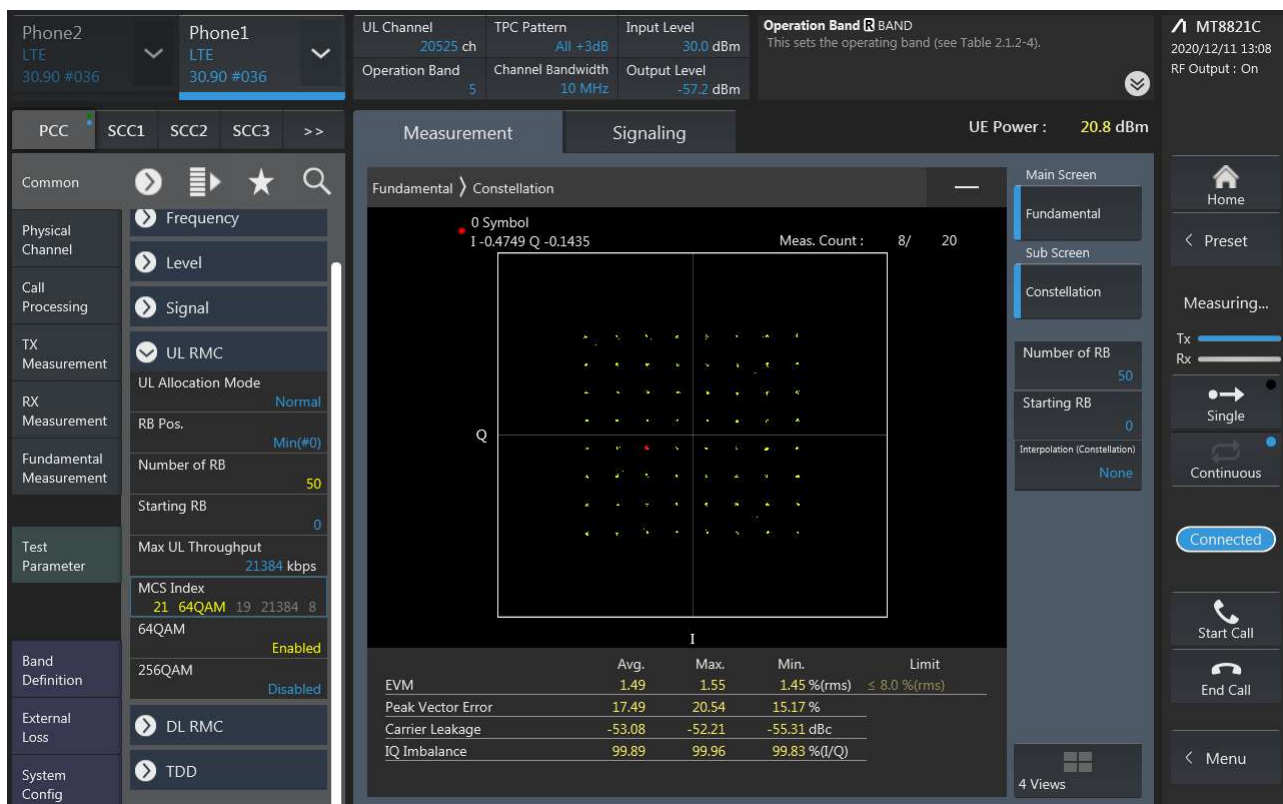
3.2.1 Test Channel = MCH





3.3 Test Mode = LTE /TM3 10MHz

3.3.1 Test Channel = MCH



4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

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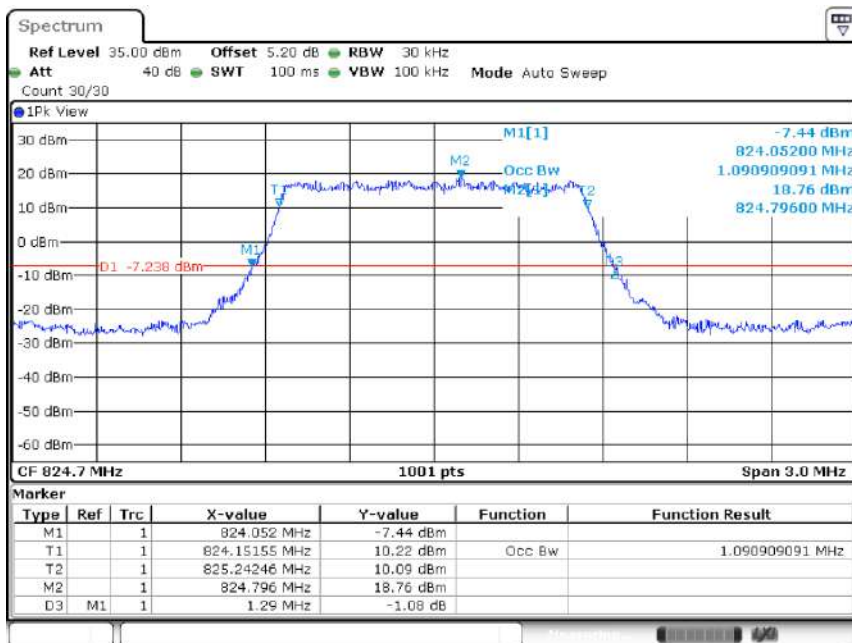
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Band5	10MHz	16QAM	20525	50RB#0	8.911	9.720	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.931	9.740	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.911	9.680	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.911	9.620	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.931	9.740	PASS

4.2 Test Plots

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



Date: 22 OCT 2020 15:01:55

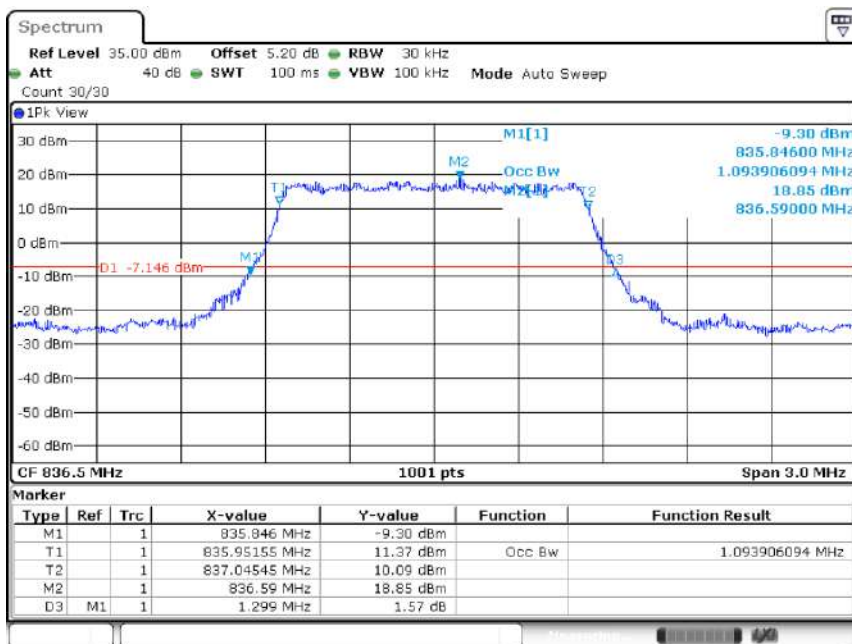


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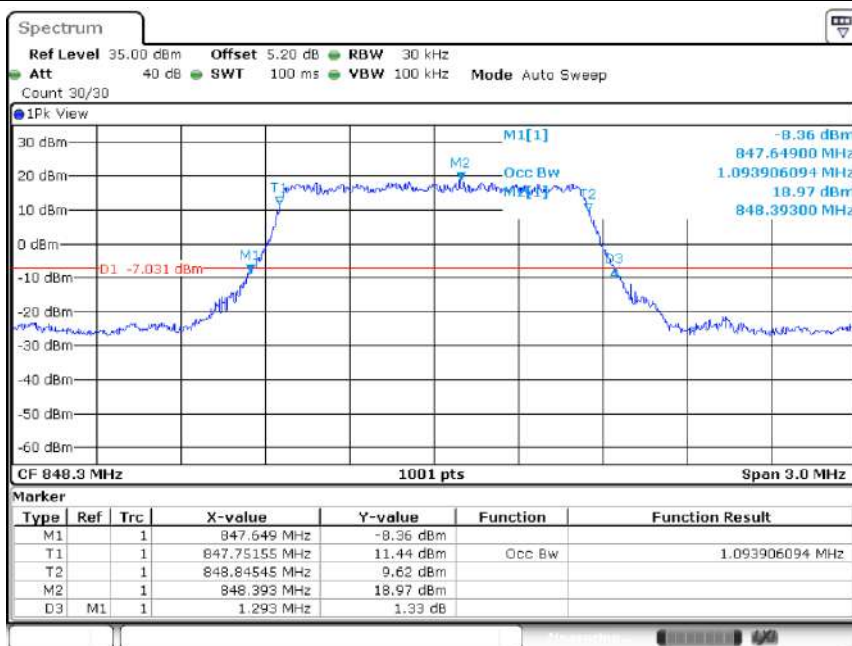
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Band5-1.4MHz-QPSK-20525-6RB#0-1.094



Date: 22.OCT.2020 15:02:27

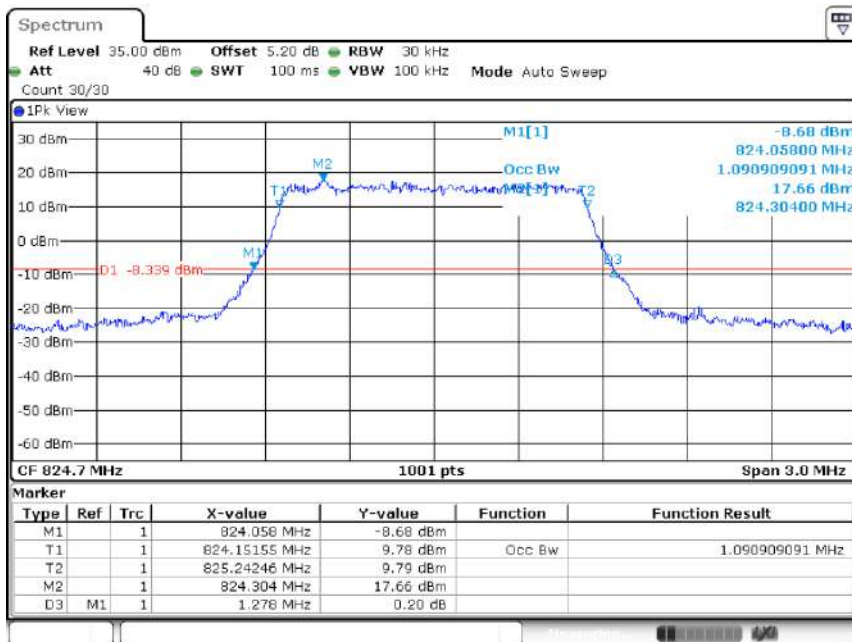
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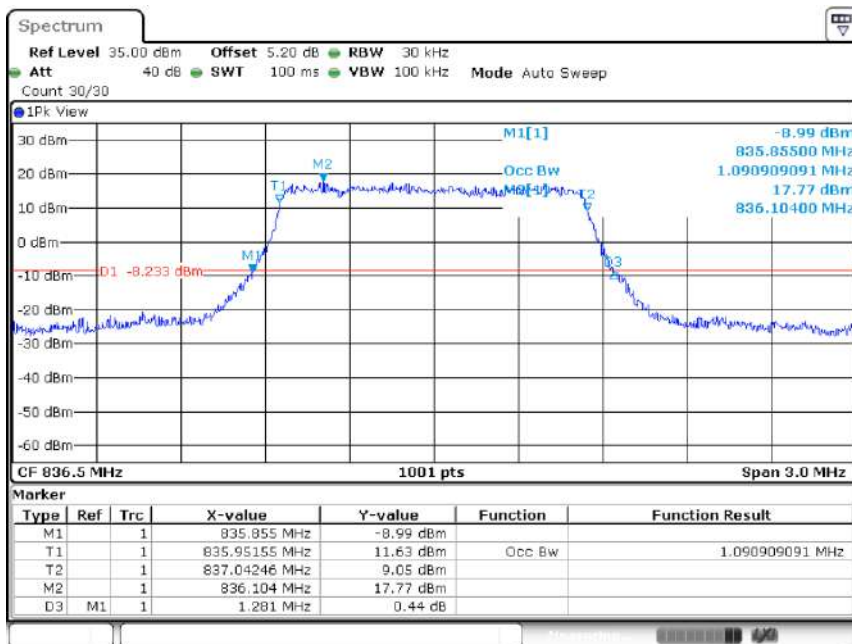


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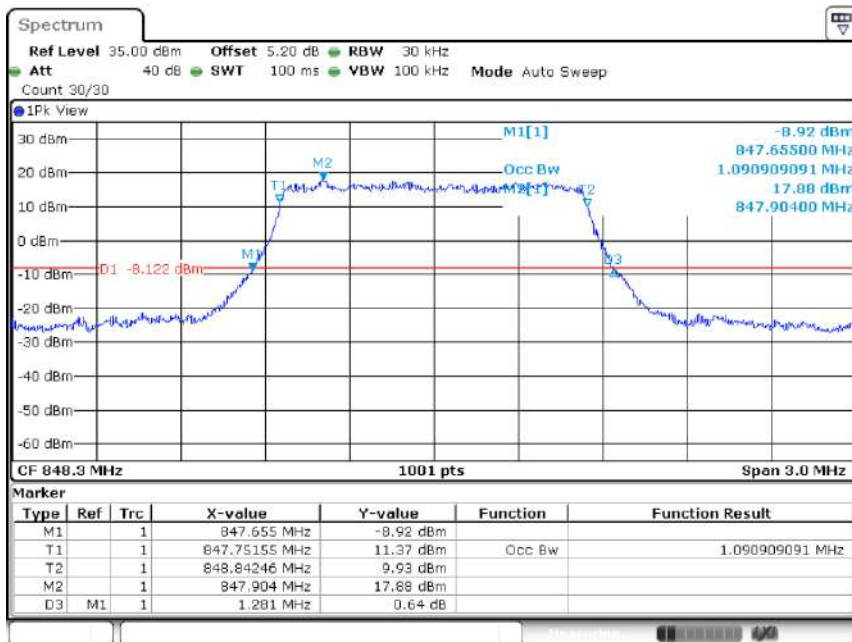
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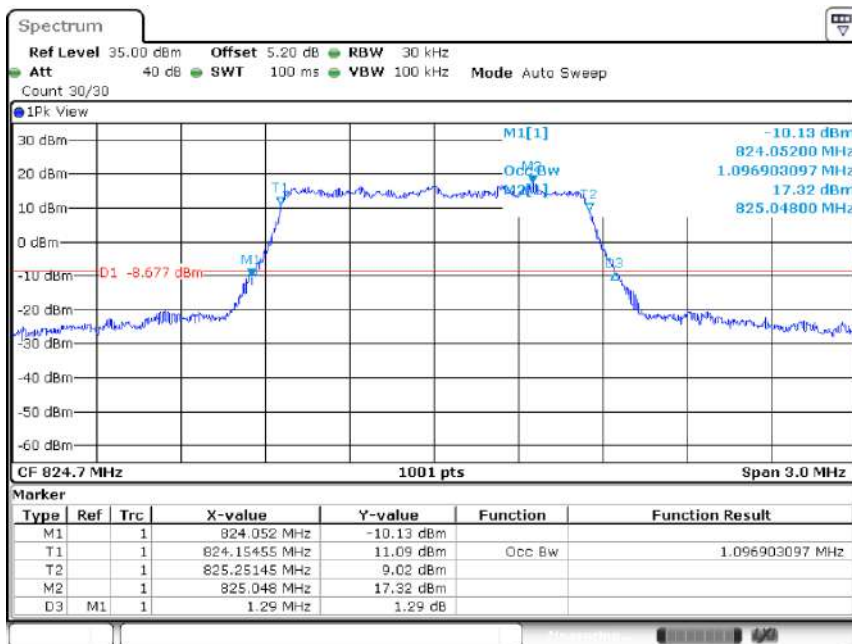


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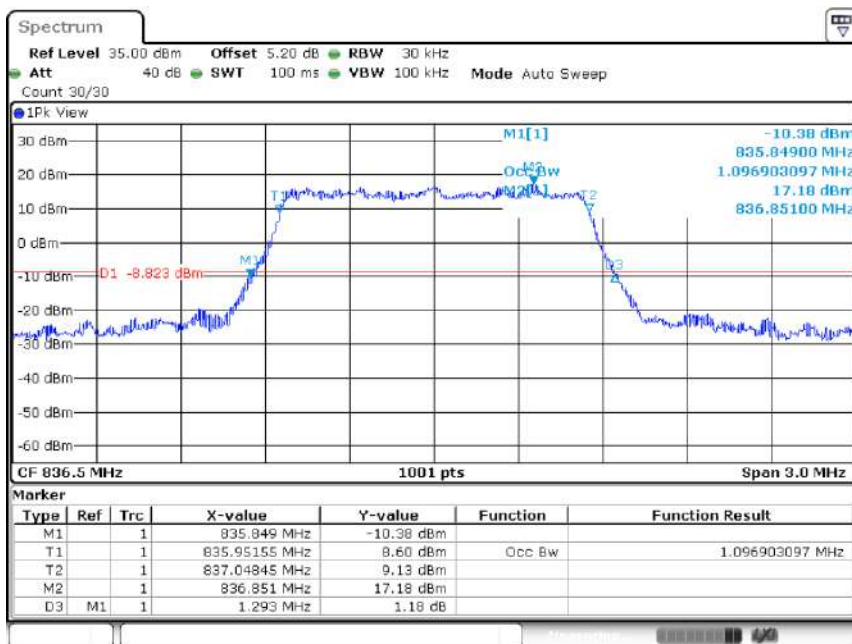
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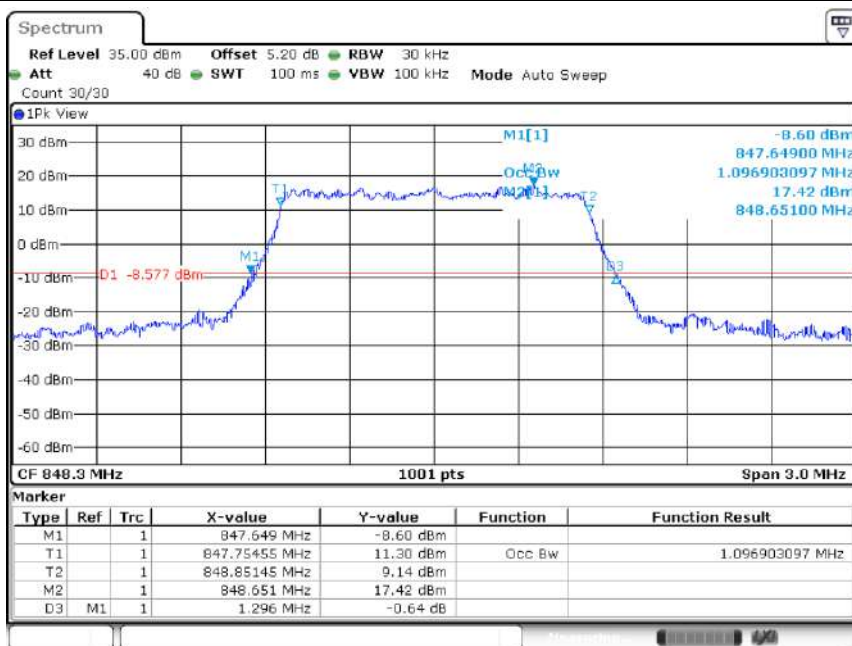


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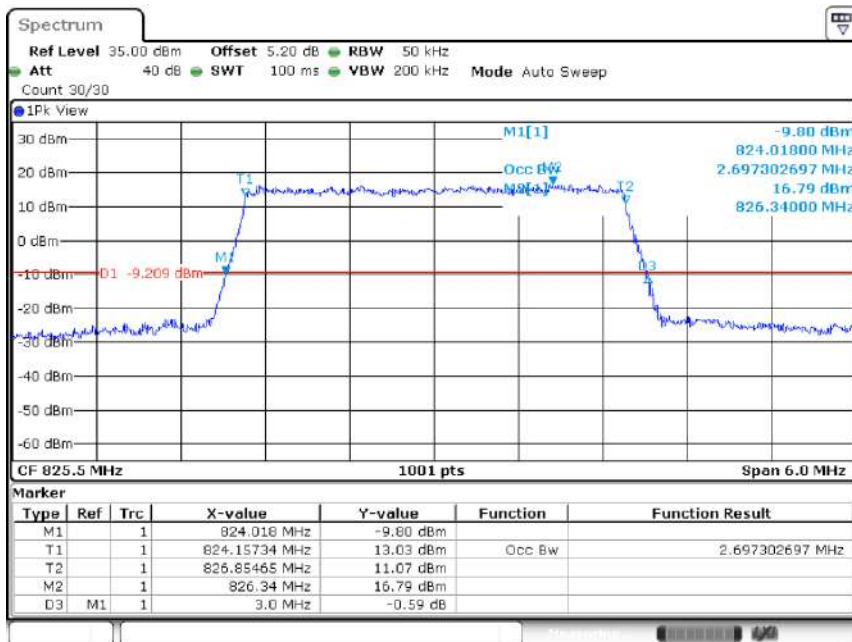
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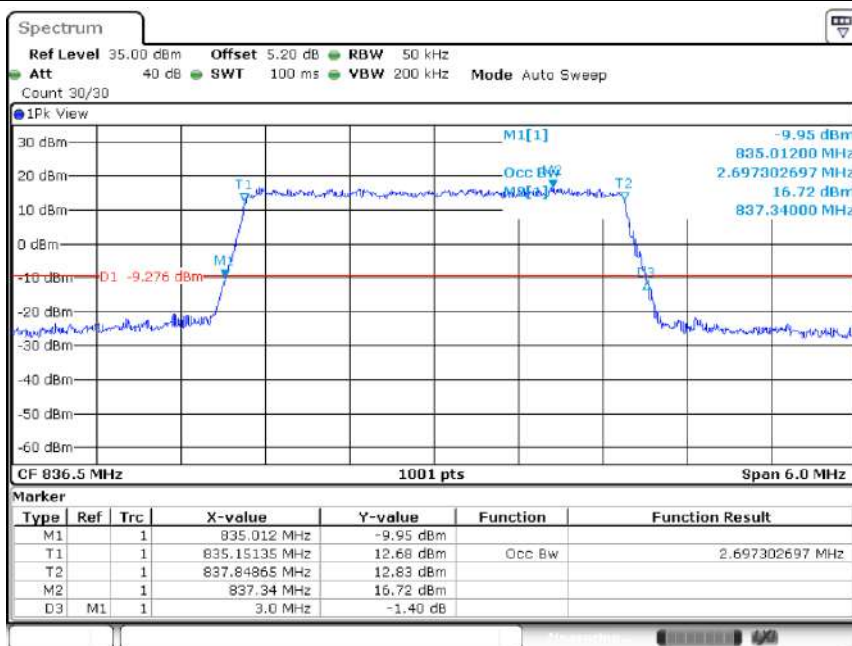


Band5-3MHz-QPSK-20415-15RB#0-2.697



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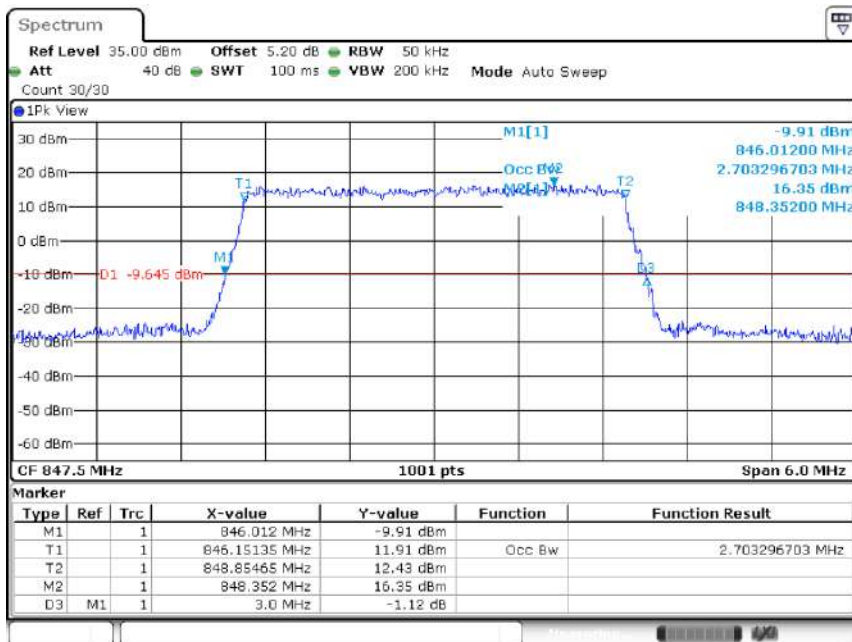
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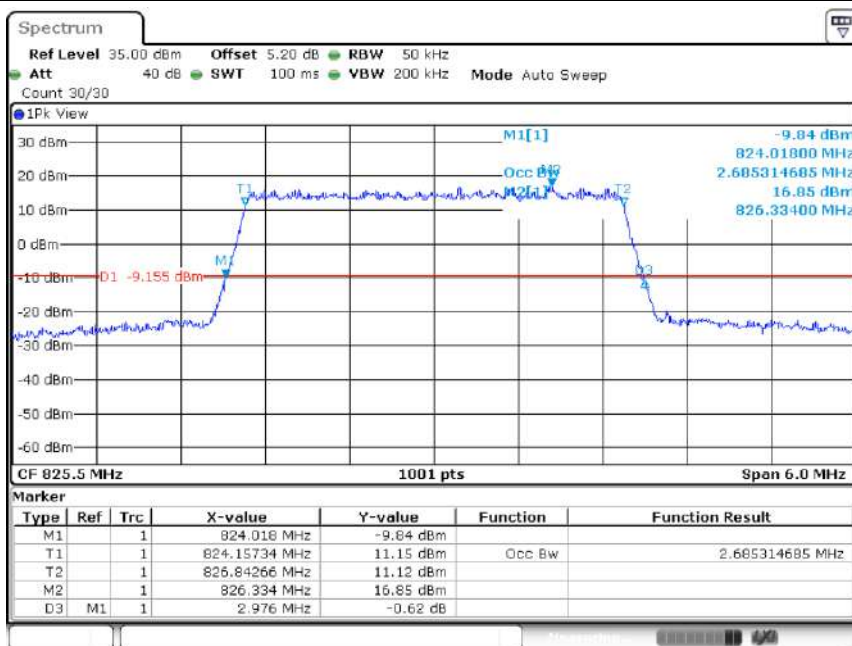


Band5-3MHz-QPSK-20635-15RB#0-2.703



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

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



Date: 22.OCT.2020 15:03:53



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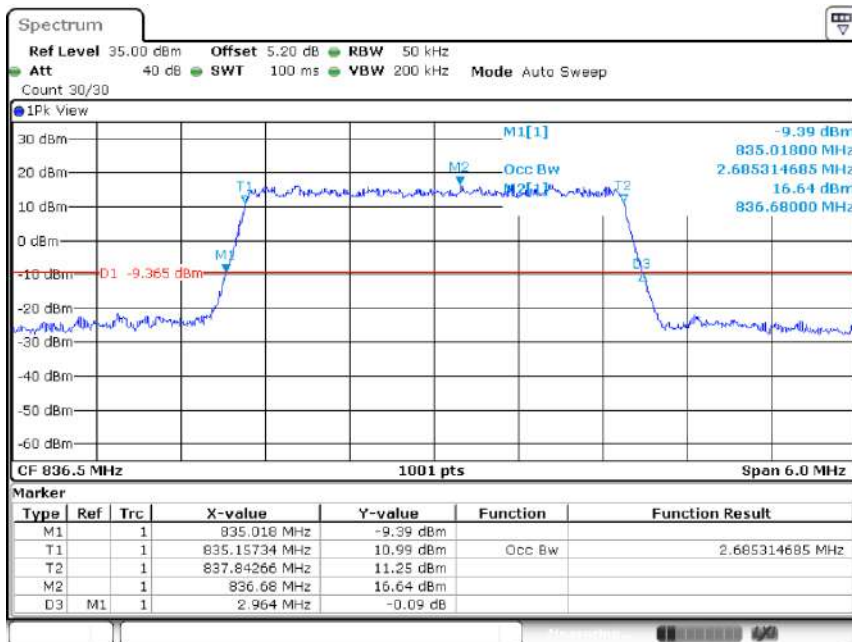
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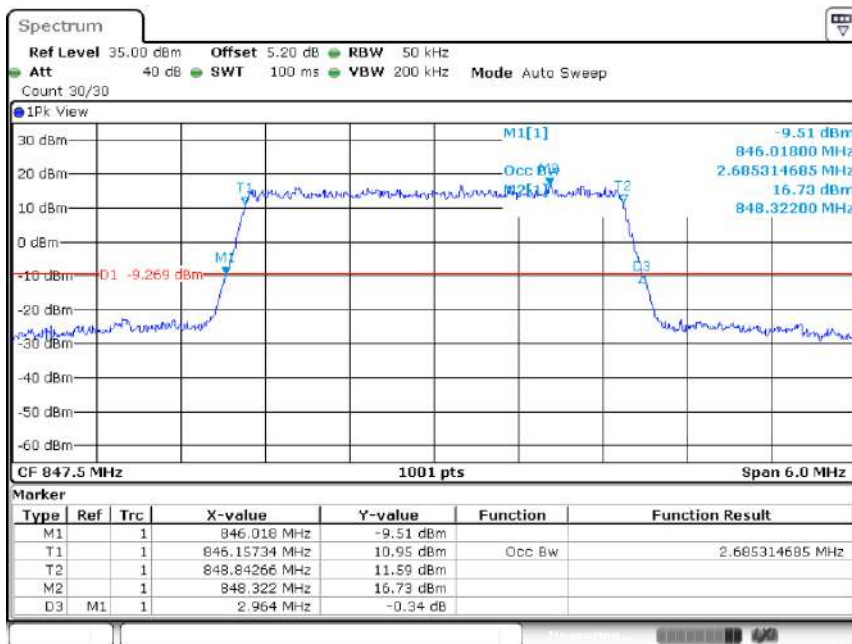
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Band5-3MHz-16QAM-20525-15RB#0-2.685



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

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



Date: 22.OCT.2020 15:04:57



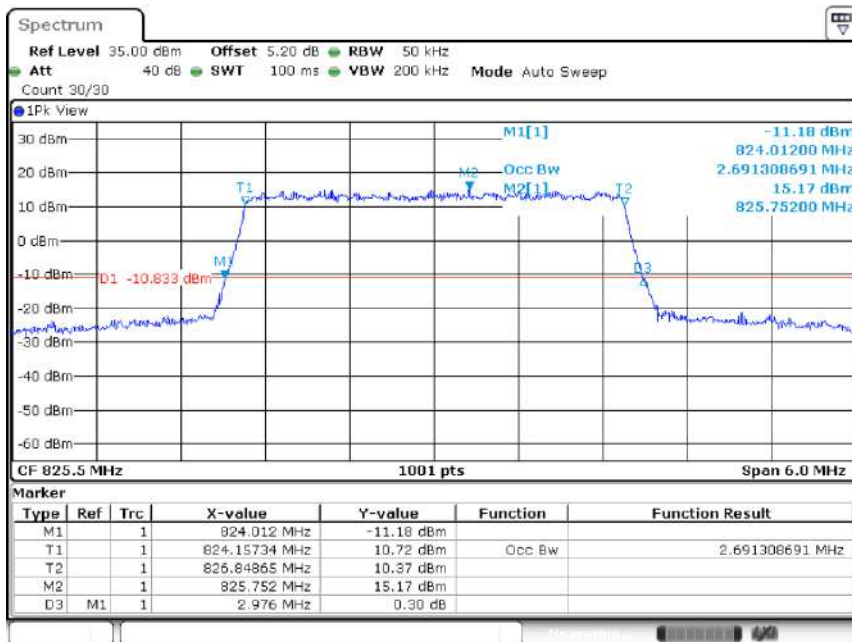
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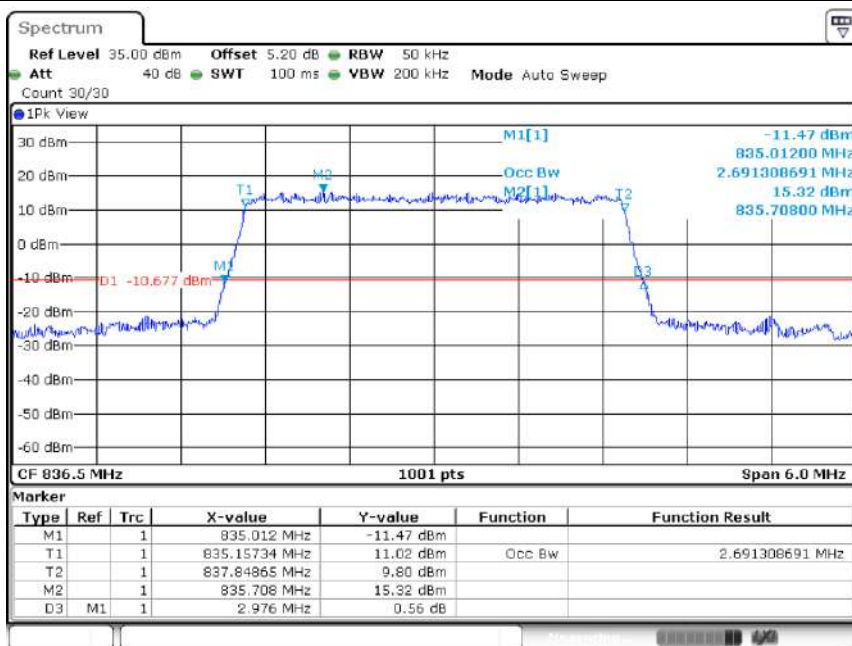
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Band5-3MHz-64QAM-20415-15RB#0-2.691



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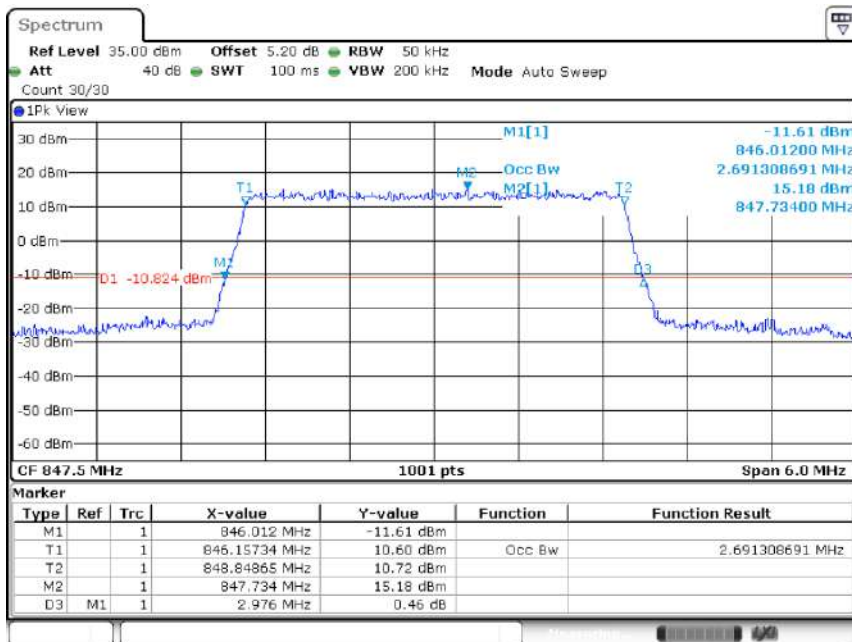
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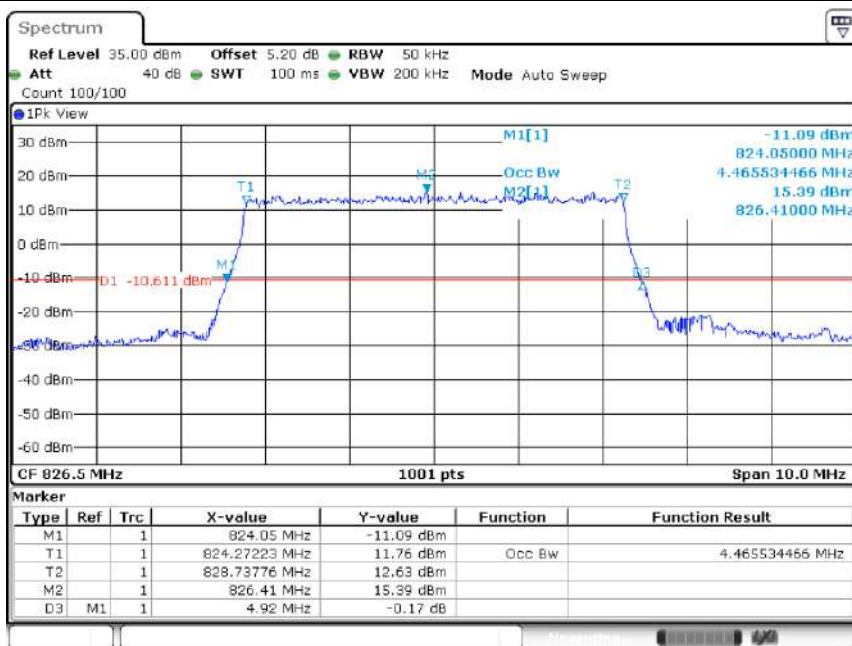


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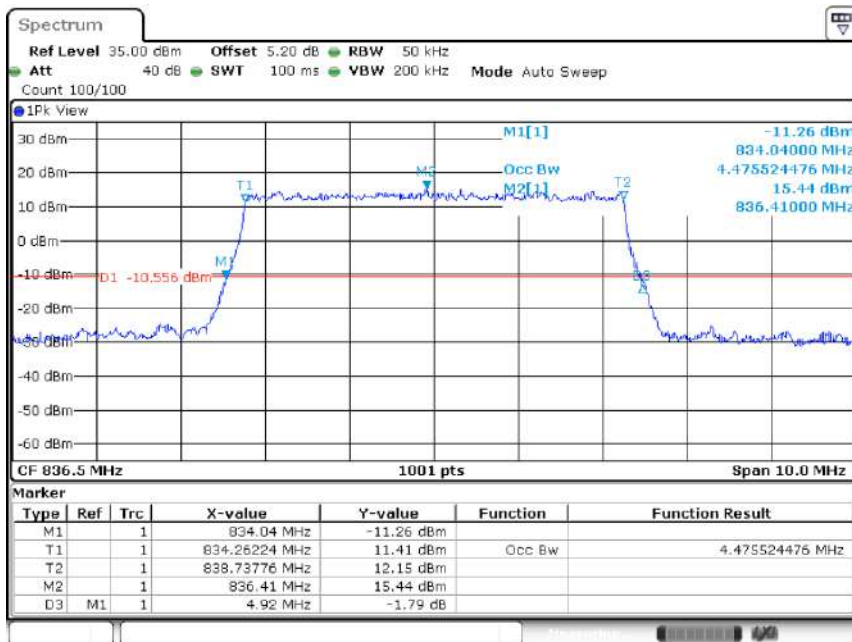
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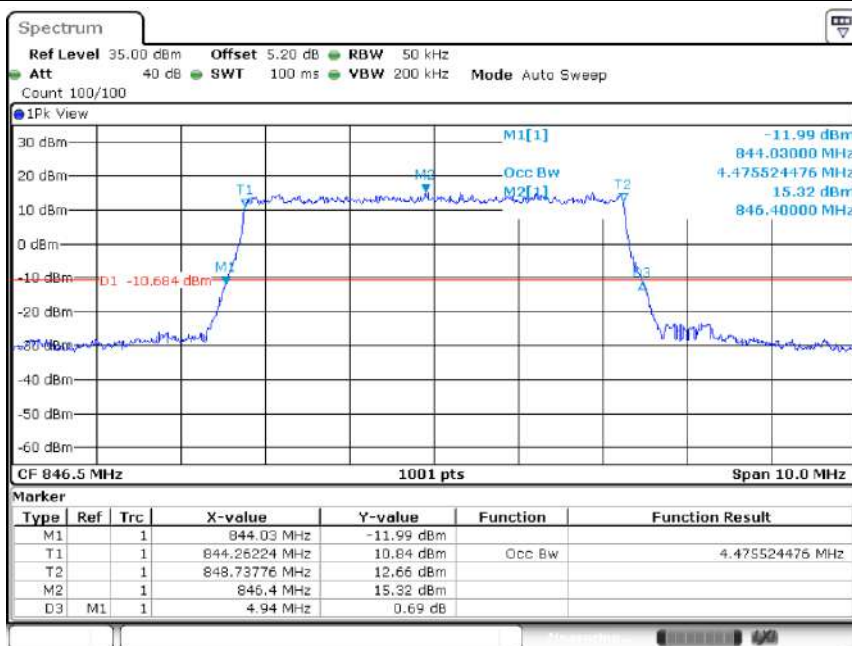


Band5-5MHz-QPSK-20525-25RB#0-4.476



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

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



Date: 22.OCT.2020 15:06:59



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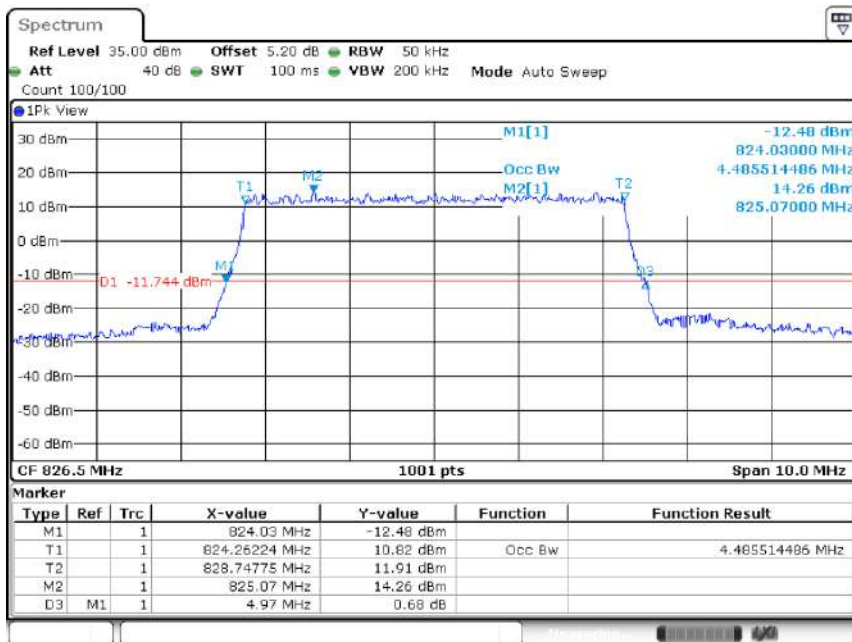
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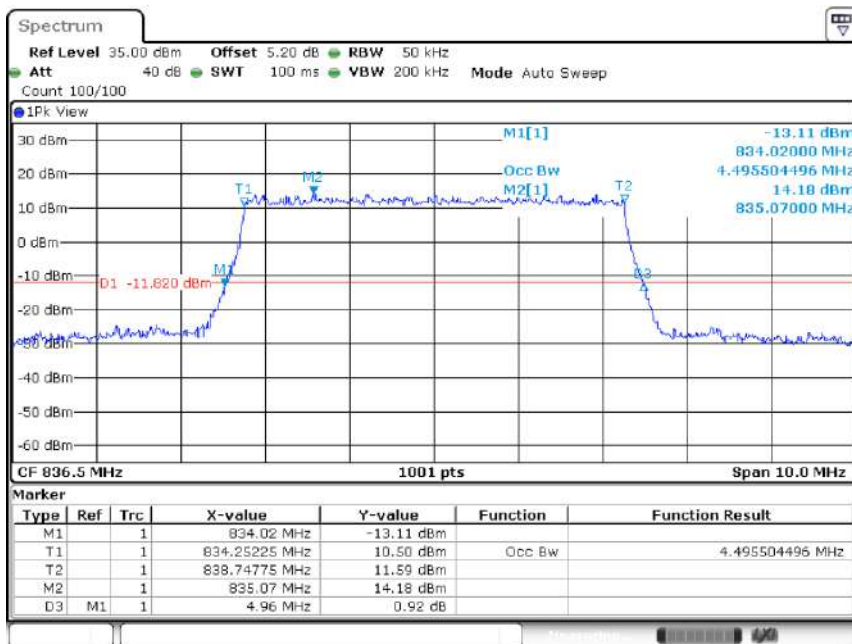
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Band5-5MHz-16QAM-20425-25RB#0-4.486



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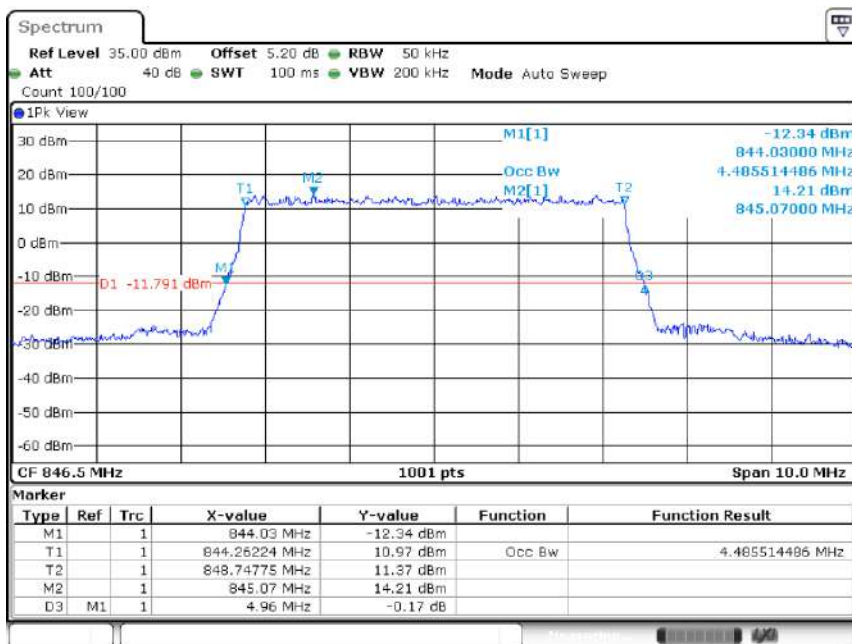
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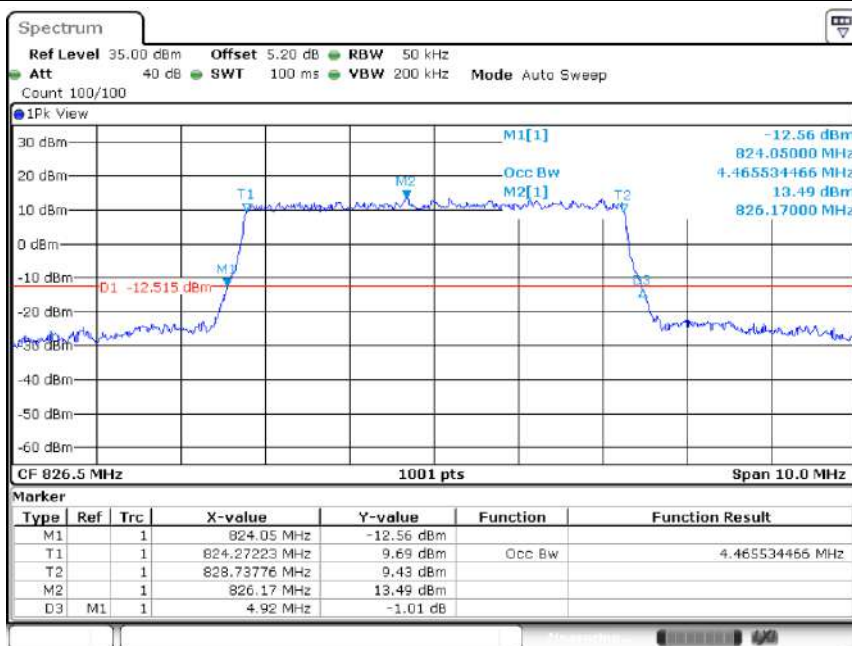


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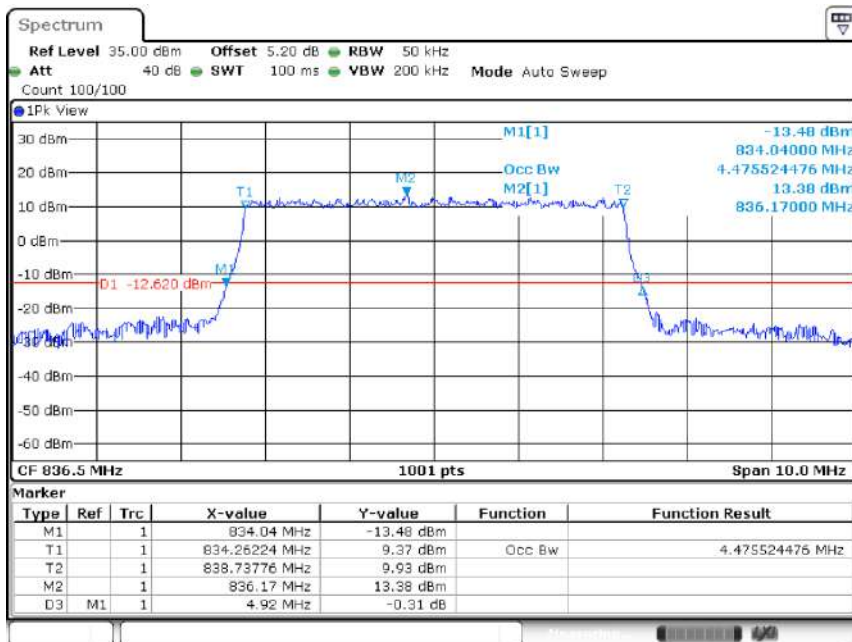
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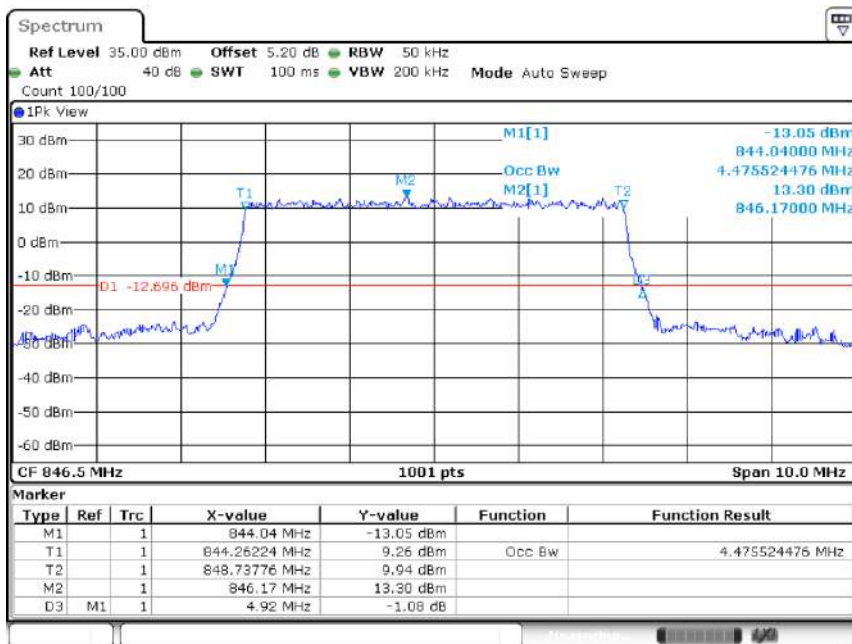


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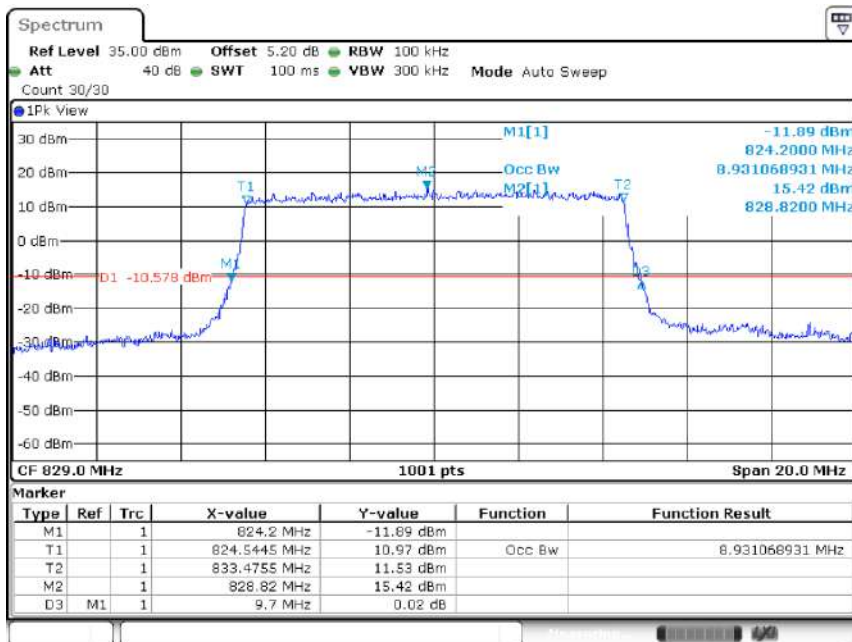
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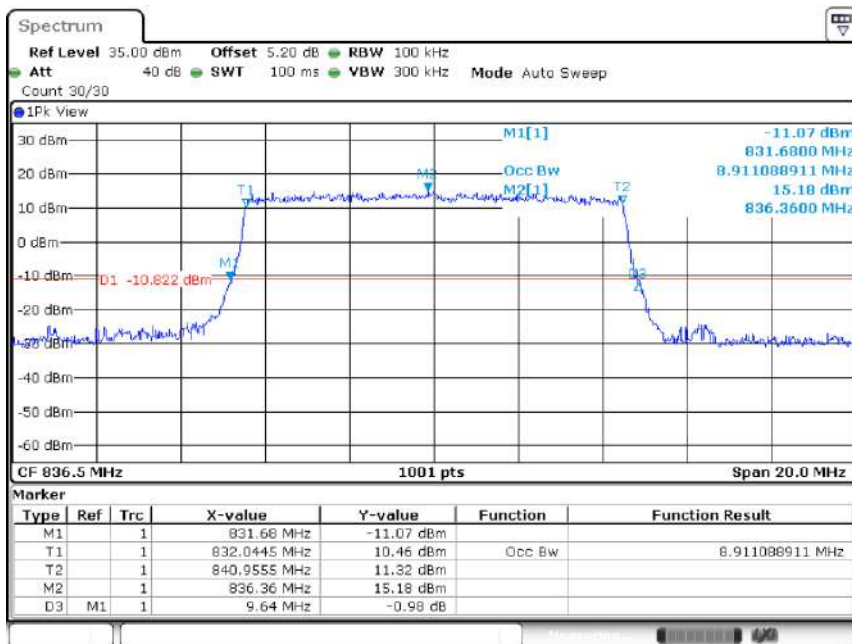


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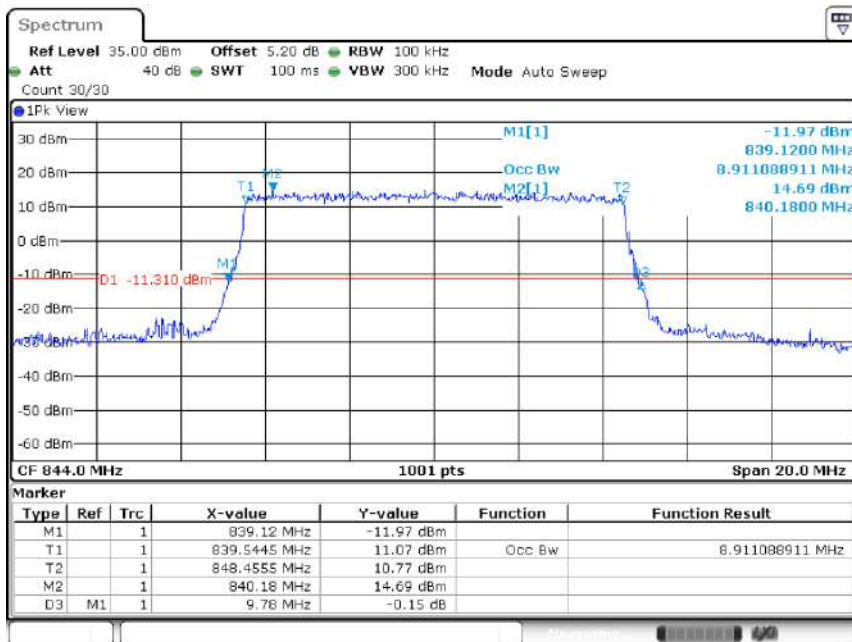
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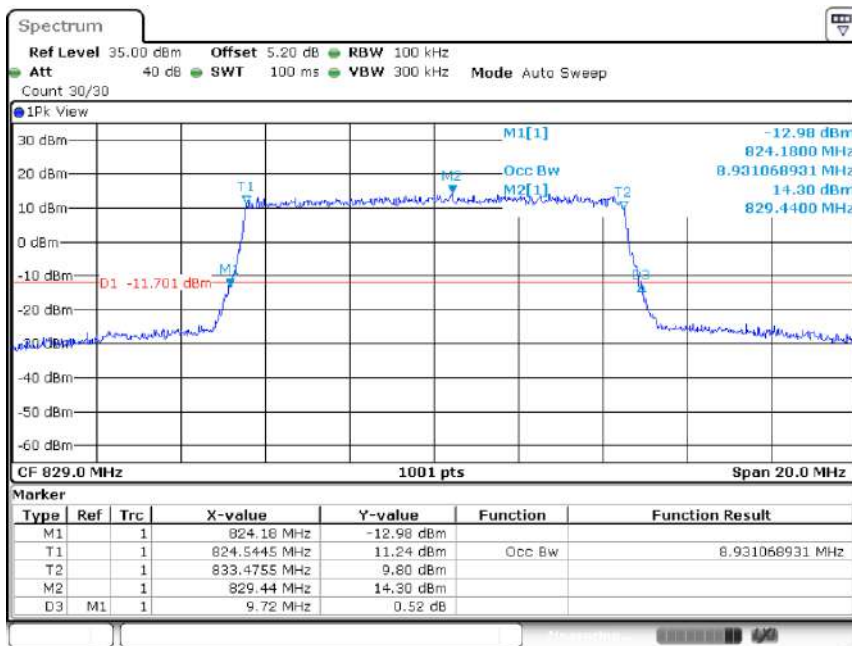


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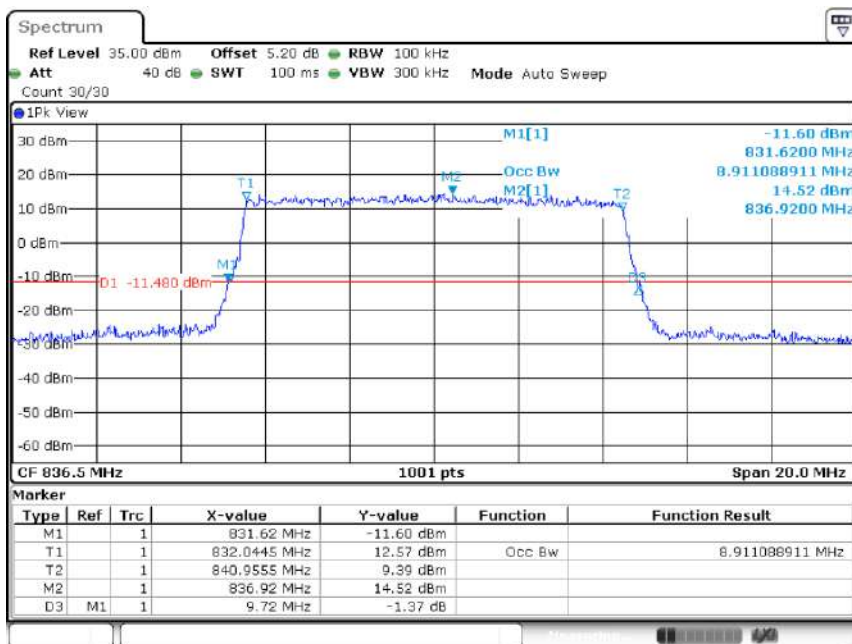
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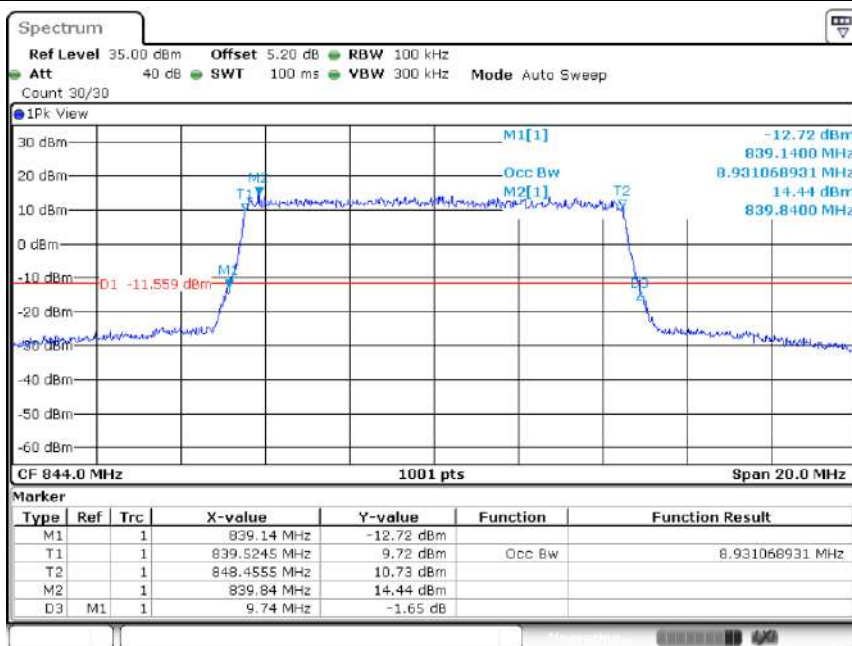


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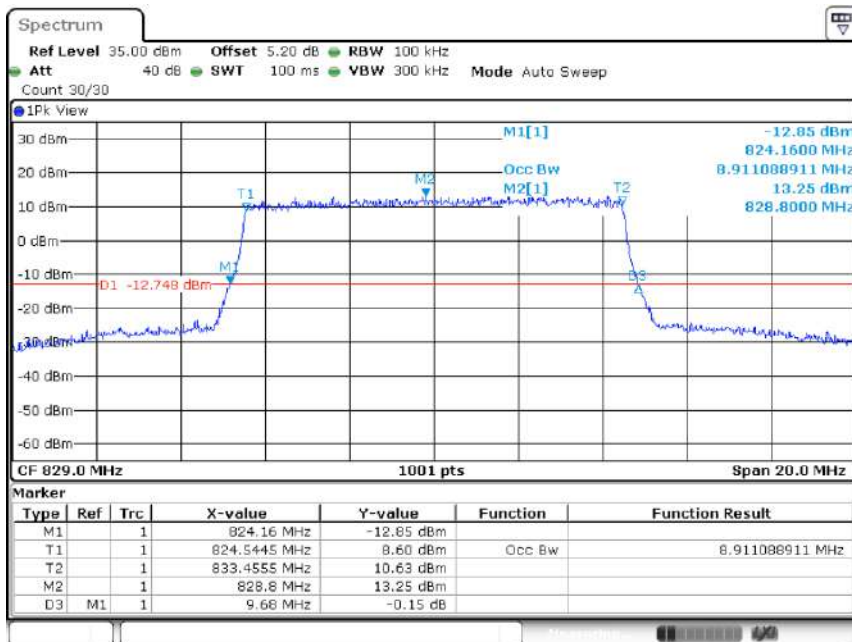
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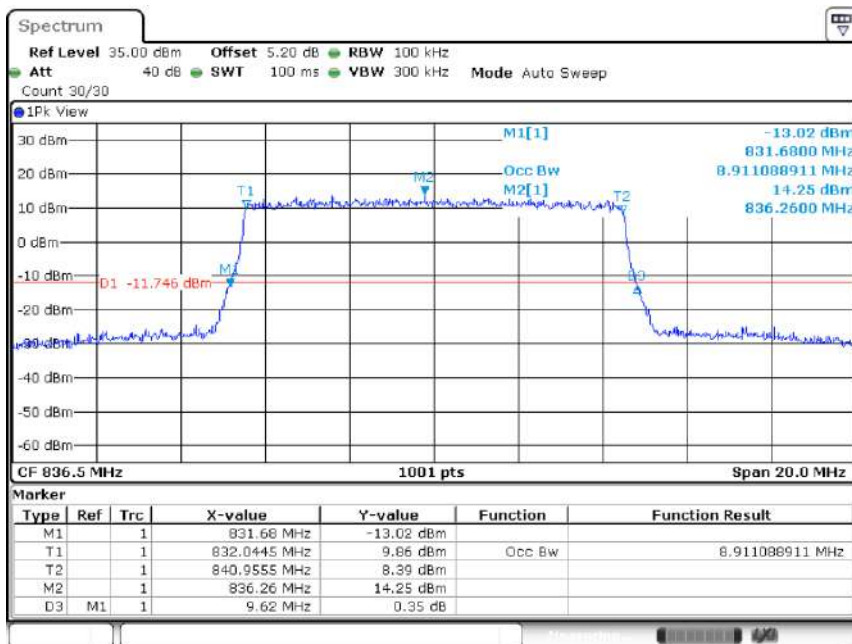


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Date: 22.OCT.2020 16:53:20

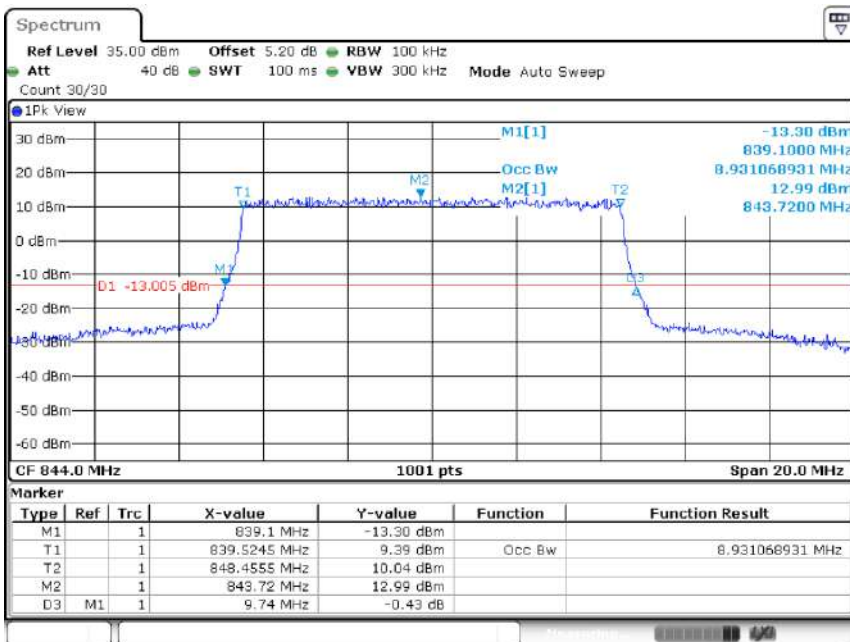
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Date: 22.OCT.2020 16:53:36



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



Date: 22.OCT.2020 16:53:52



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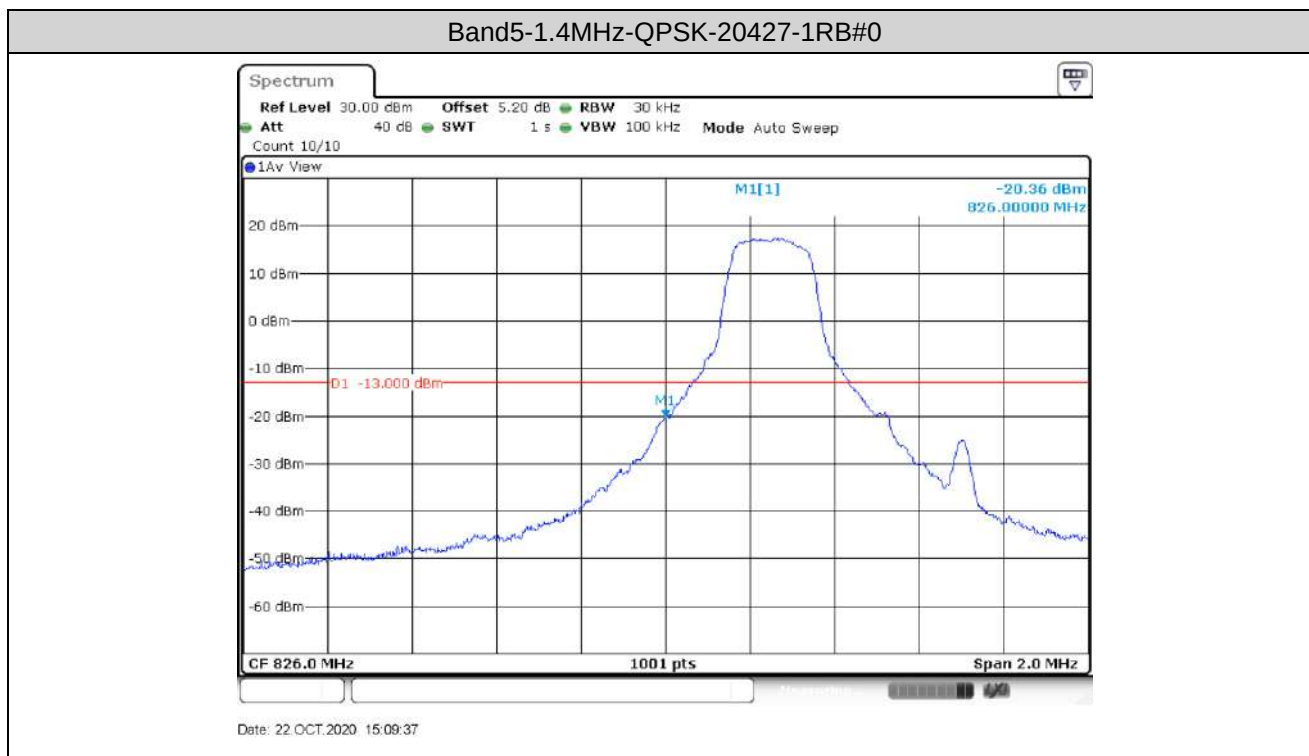
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5 Band Edge Compliance

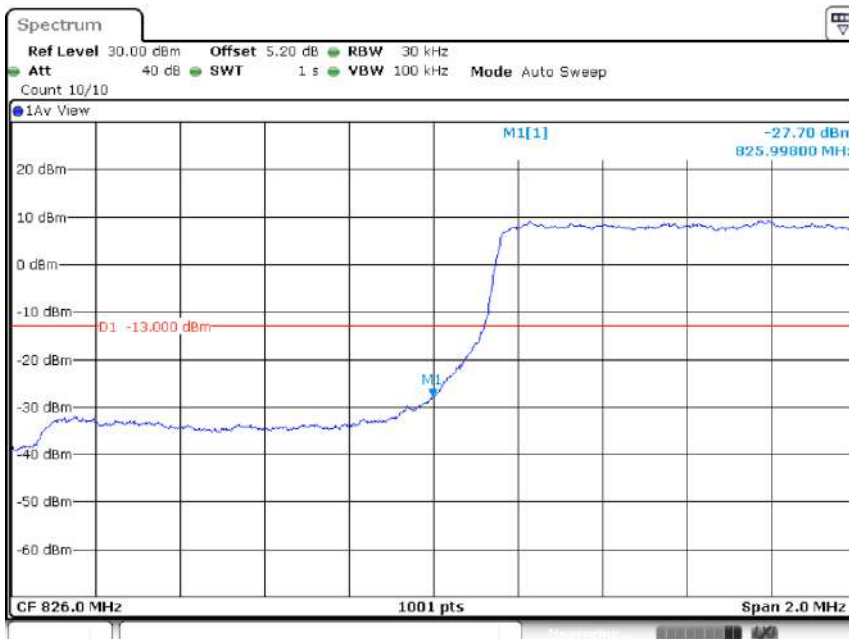
5.1 Test Plots



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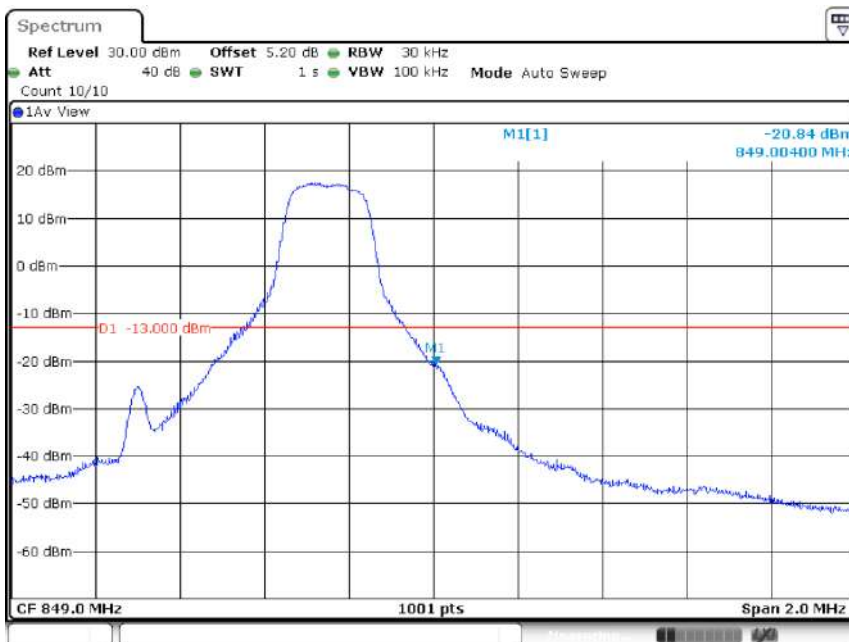
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Band5-1.4MHz-QPSK-20427-6RB#0



Date: 22.OCT.2020 15:10:24

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



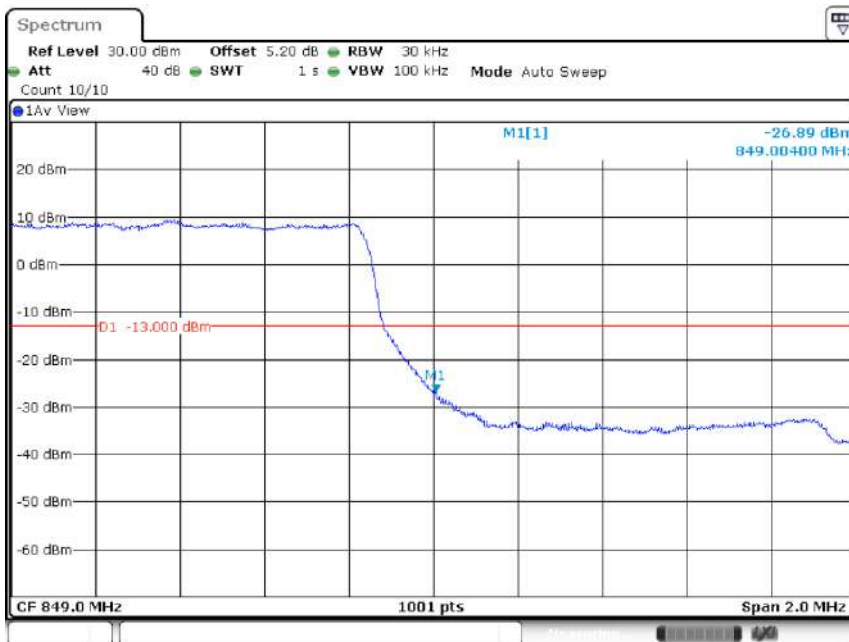
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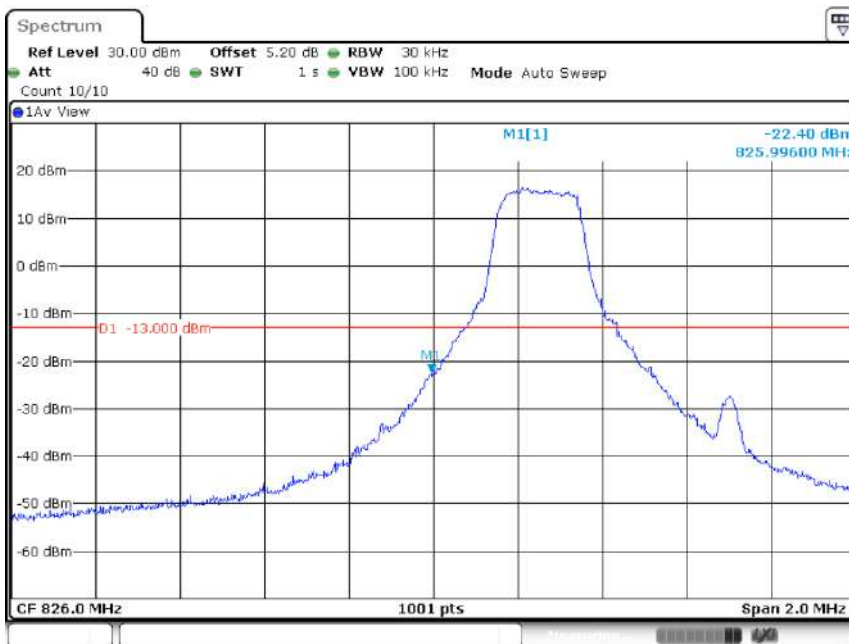
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Band5-1.4MHz-QPSK-20643-6RB#0



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

Band5-1.4MHz-16QAM-20427-1RB#0



Date: 22.OCT.2020 15:10:00



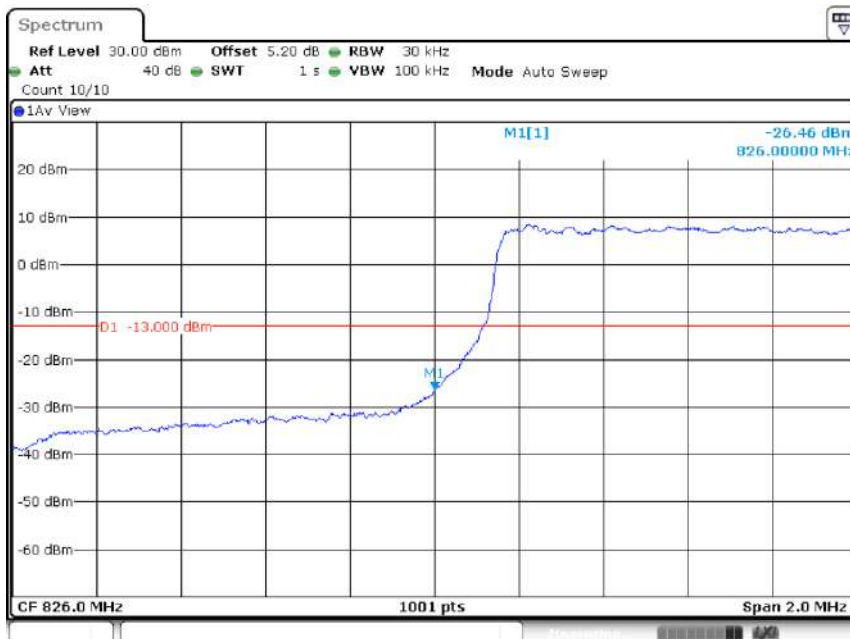
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Band5-1.4MHz-16QAM-20427-6RB#0



Date: 22.OCT.2020 15:10:47

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



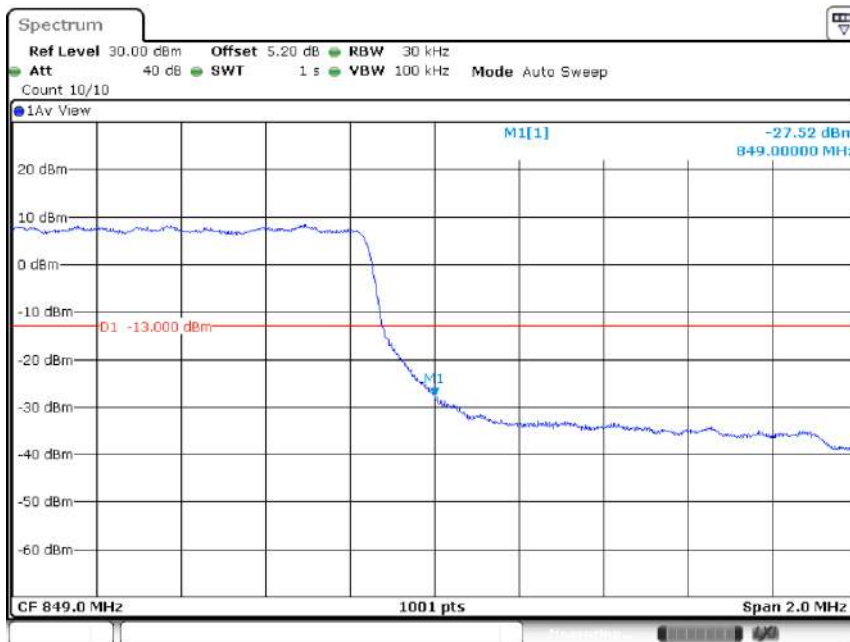
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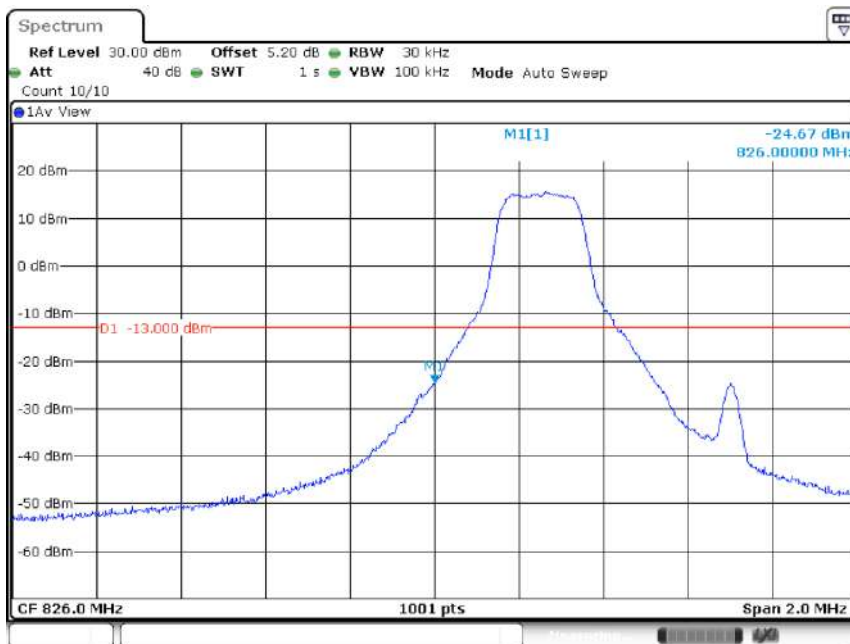
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Band5-1.4MHz-16QAM-20643-6RB#0



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



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



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Band5-1.4MHz-64QAM-20427-6RB#0



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



Date: 22.OCT.2020 16:55:22



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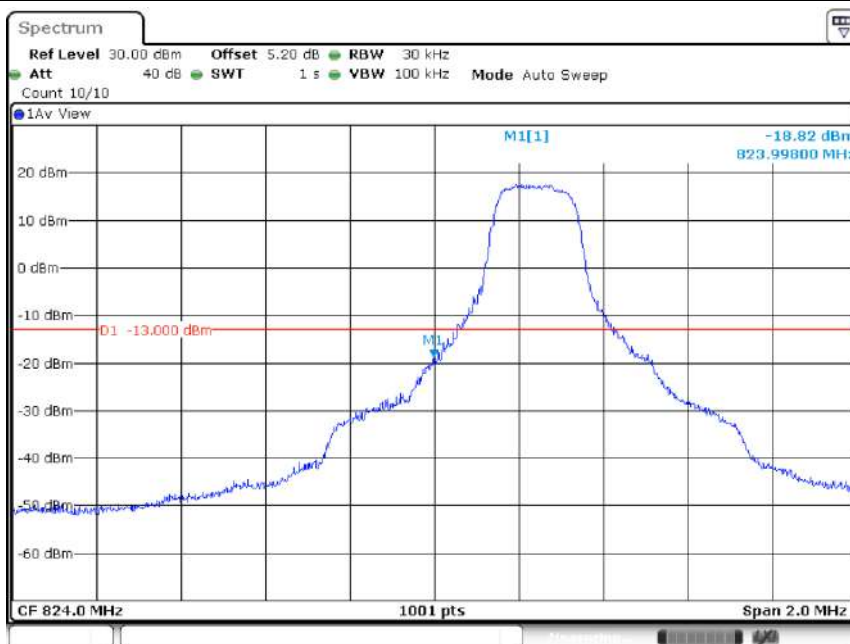
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Band5-1.4MHz-64QAM-20643-6RB#0



Date: 22.OCT.2020 16:55:45

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

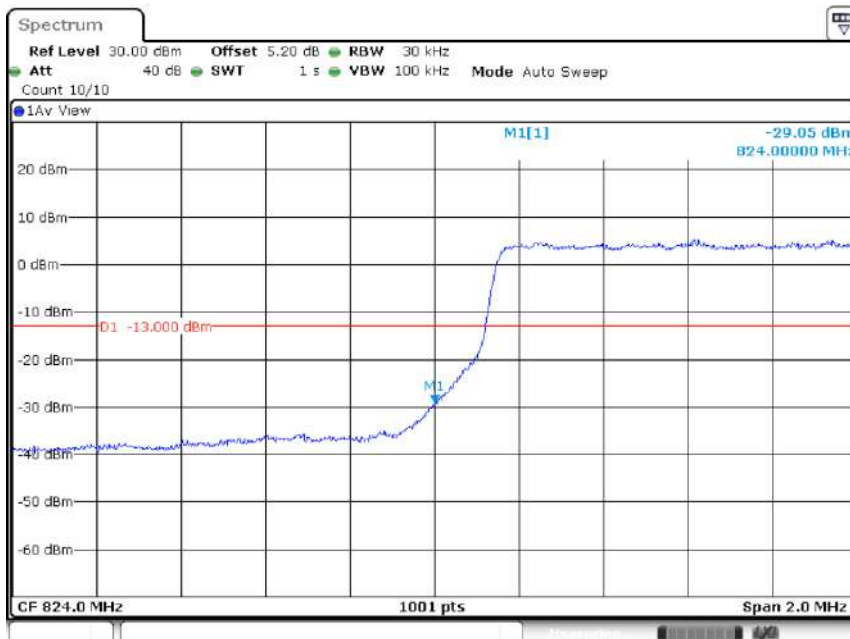


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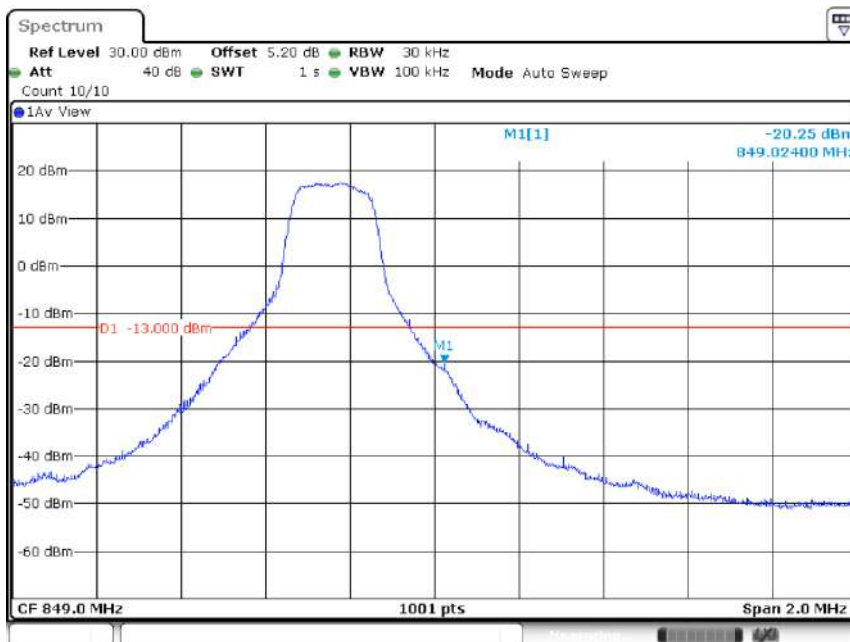
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Date: 22.OCT.2020 15:13:50

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



Date: 22.OCT.2020 15:14:45



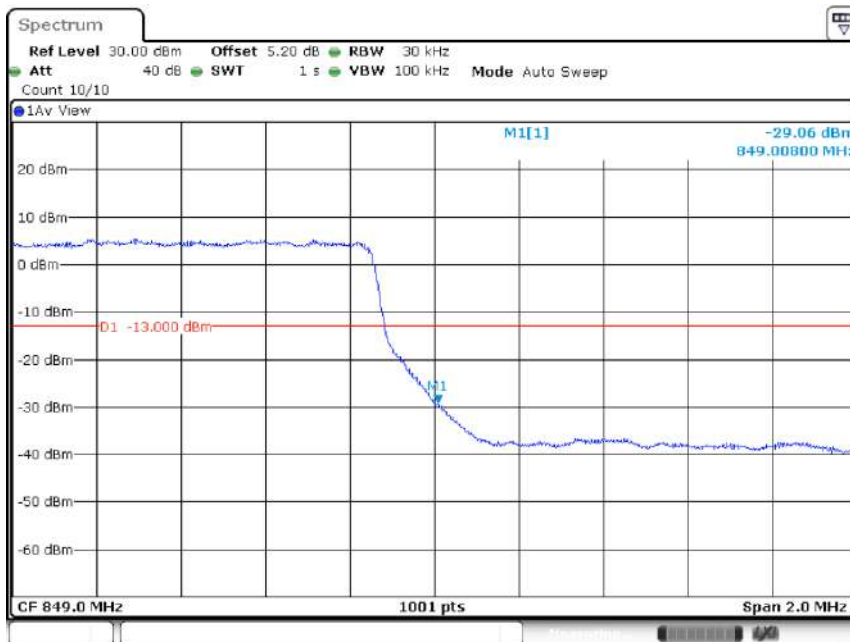
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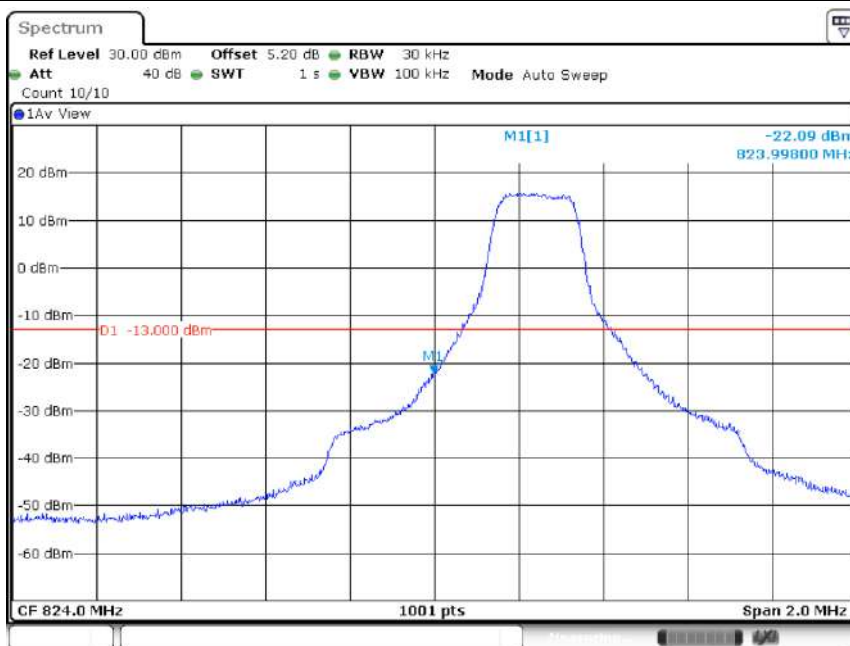
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Band5-3MHz-QPSK-20635-15RB#0



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

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



Date: 22.OCT.2020 15:13:26

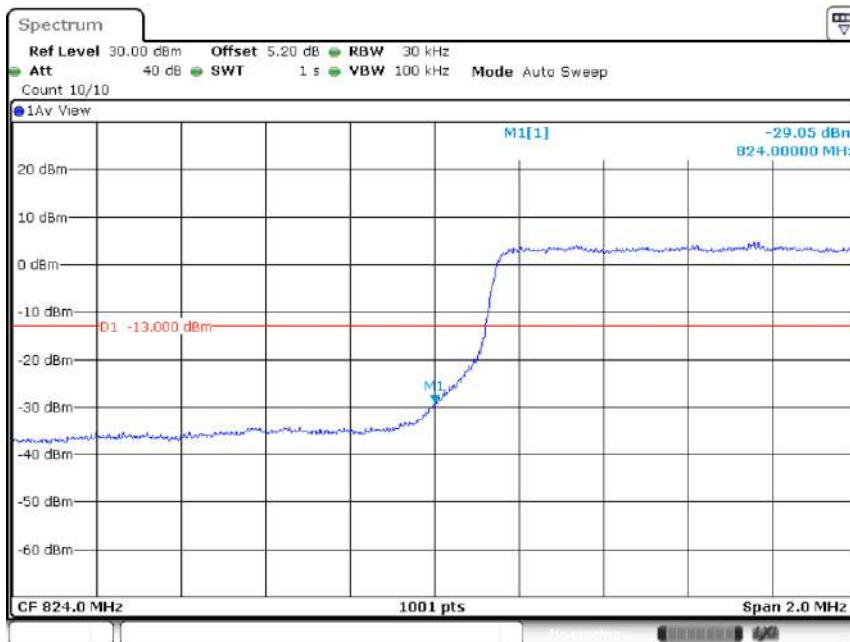


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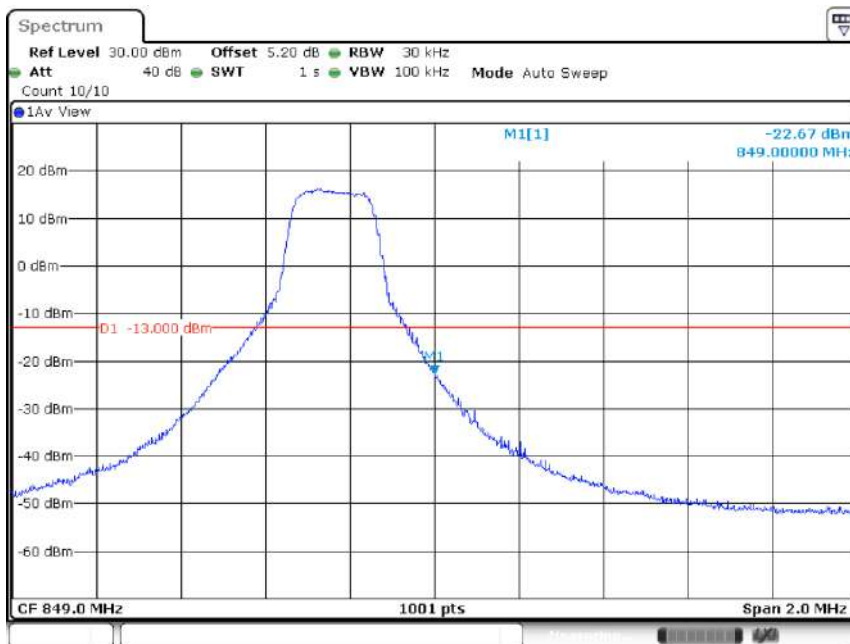
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Band5-3MHz-16QAM-20415-15RB#0



Date: 22.OCT.2020 15:14:13

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



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



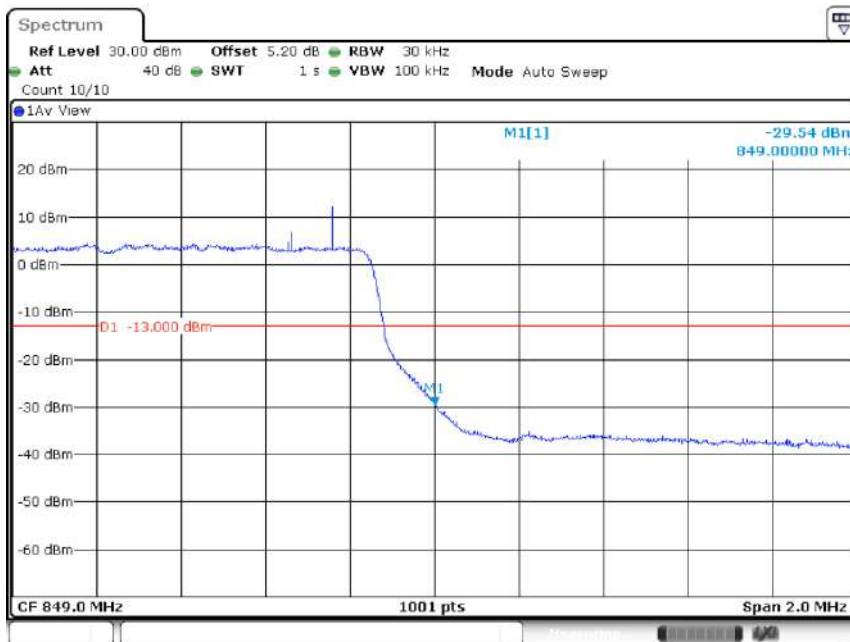
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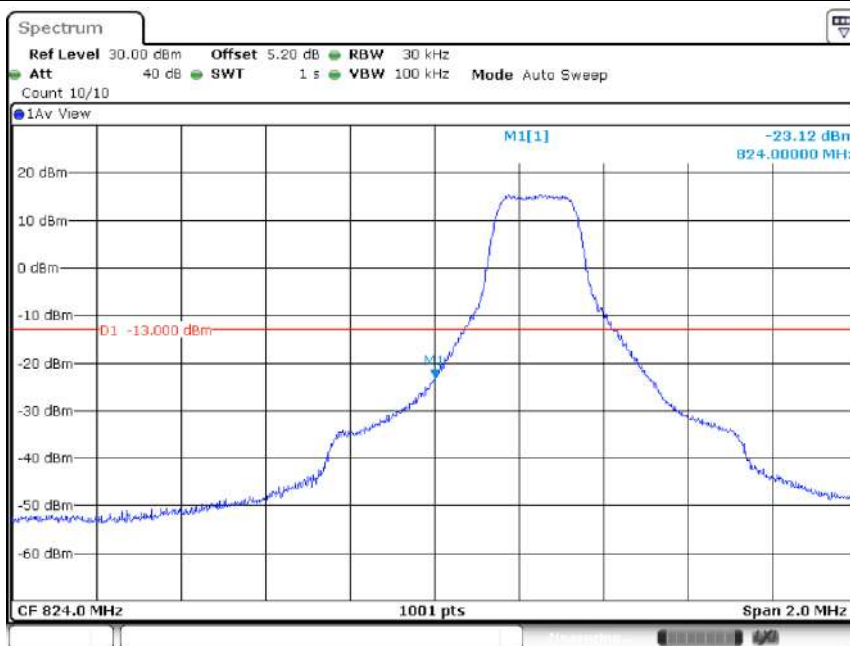
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Band5-3MHz-16QAM-20635-15RB#0



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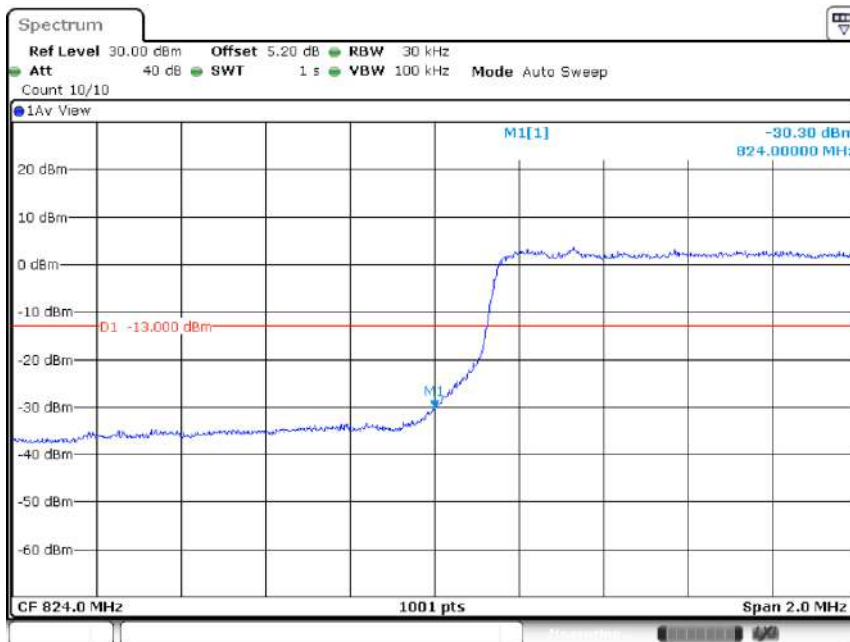
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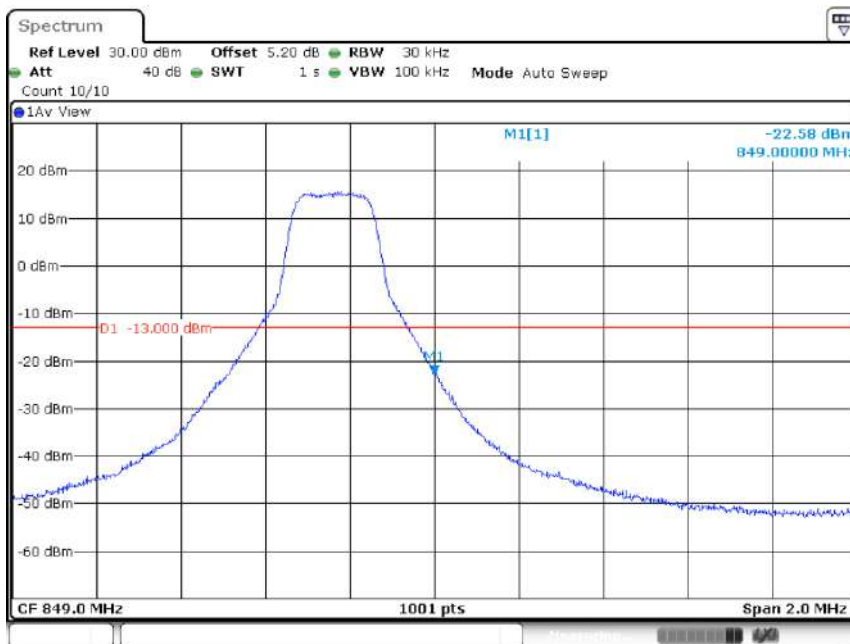


Band5-3MHz-64QAM-20415-15RB#0



Date: 22.OCT.2020 16:56:43

Band5-3MHz-64QAM-20635-1RB#14



Date: 22.OCT.2020 16:57:15



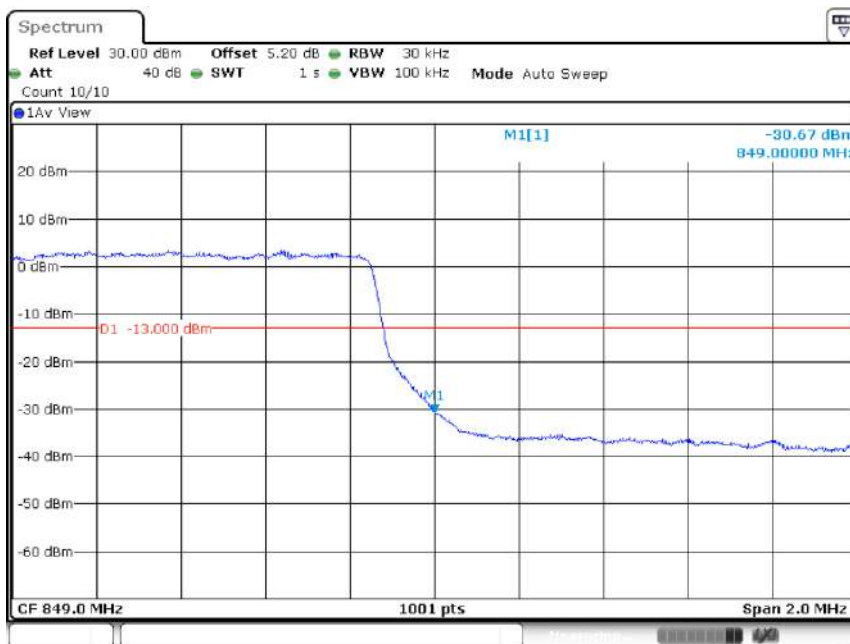
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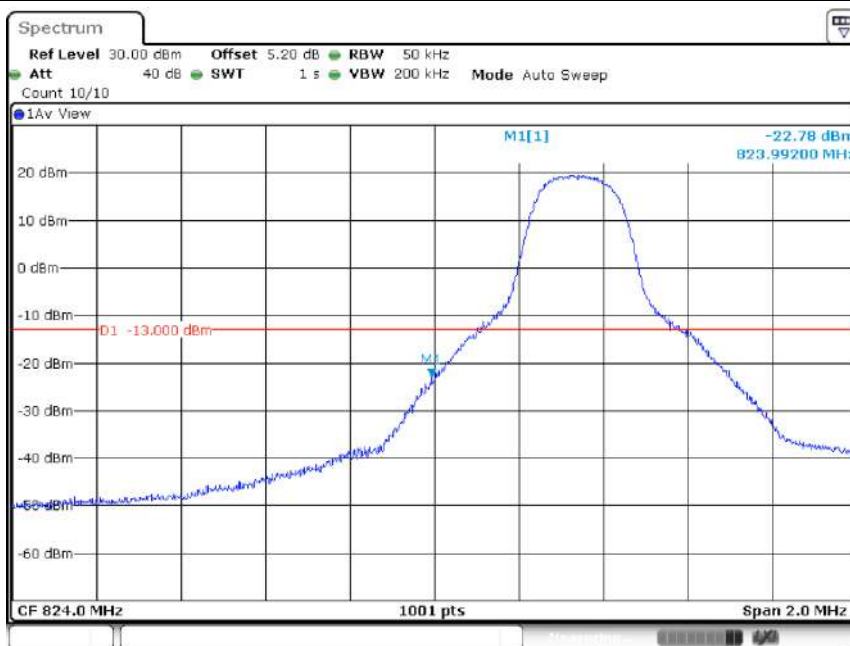
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Band5-3MHz-64QAM-20635-15RB#0



Date: 22.OCT.2020 16:57:38

Band5-5MHz-QPSK-20425-1RB#0



Date: 22.OCT.2020 15:16:28

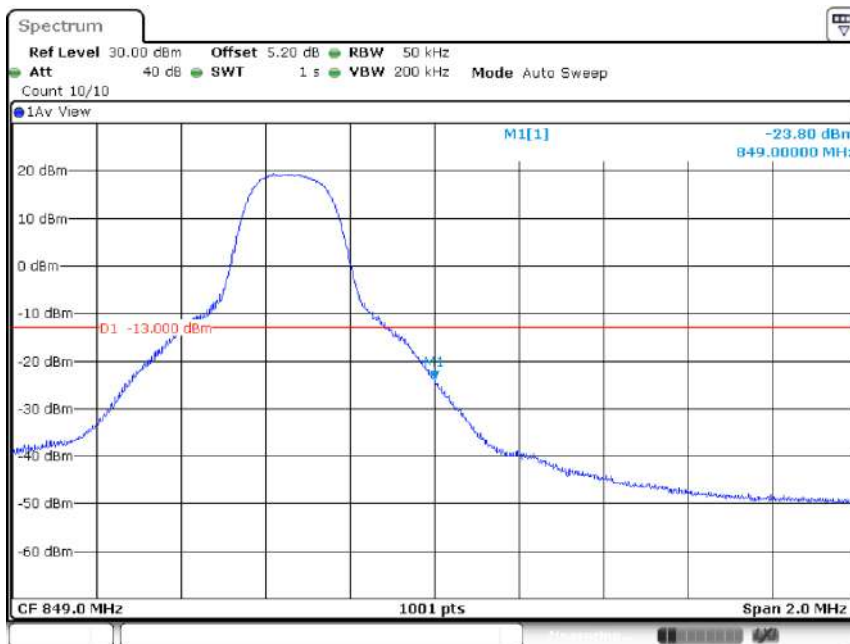


Band5-5MHz-QPSK-20425-25RB#0



Date: 22.OCT.2020 15:17:15

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



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



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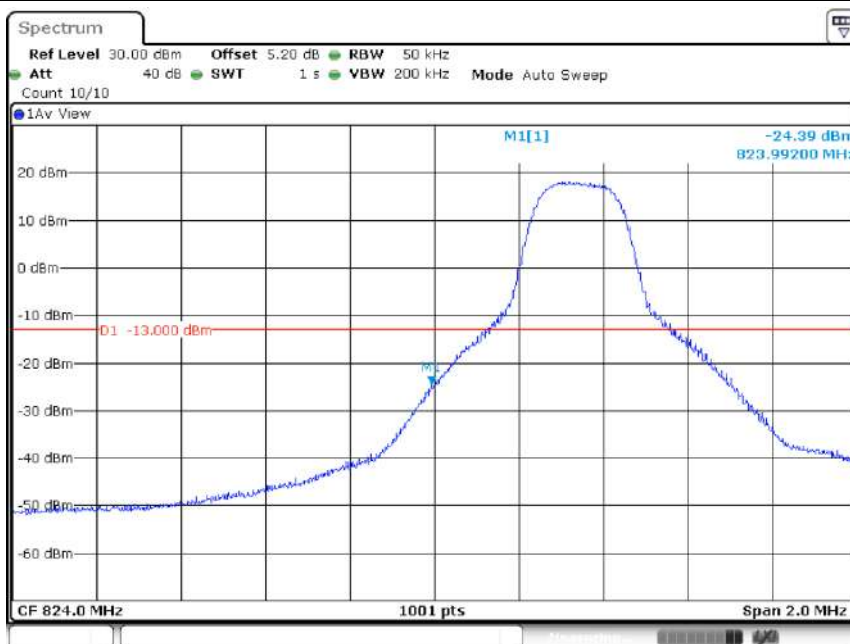
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Date: 22.OCT.2020 15:18:57

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



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



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



Date: 22.OCT.2020 15:17:38

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



Date: 22.OCT.2020 15:18:33



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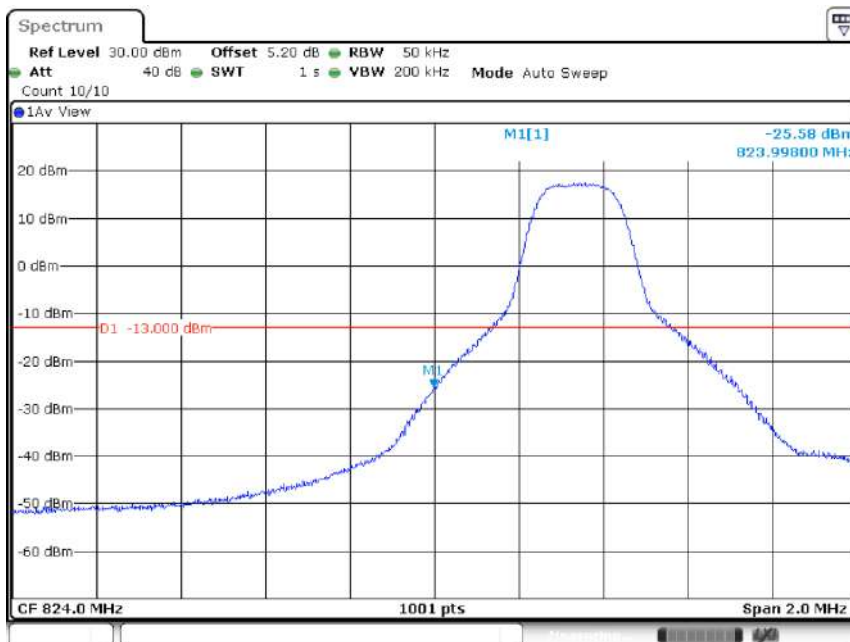
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Band5-5MHz-16QAM-20625-25RB#0



Date: 22.OCT.2020 15:19:20

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



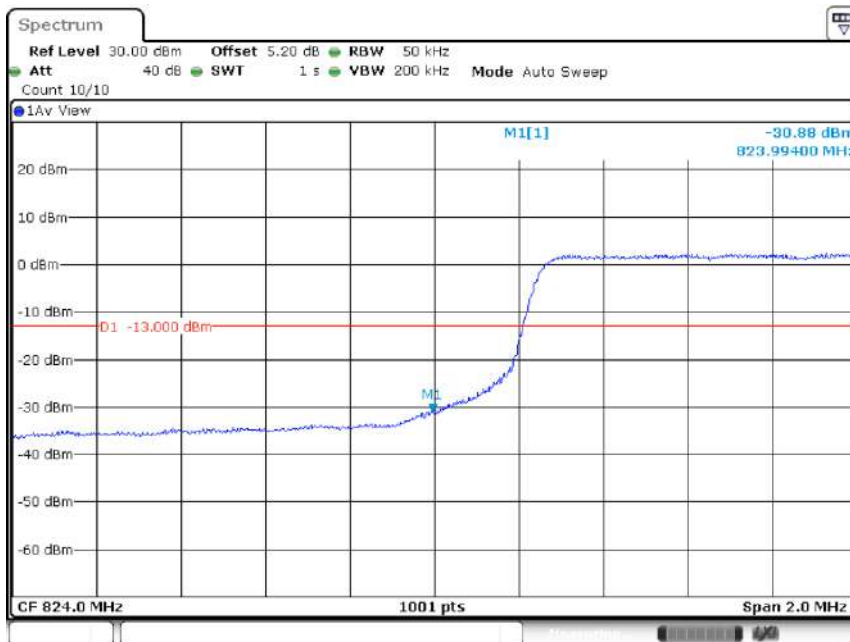
Date: 22.OCT.2020 16:58:12



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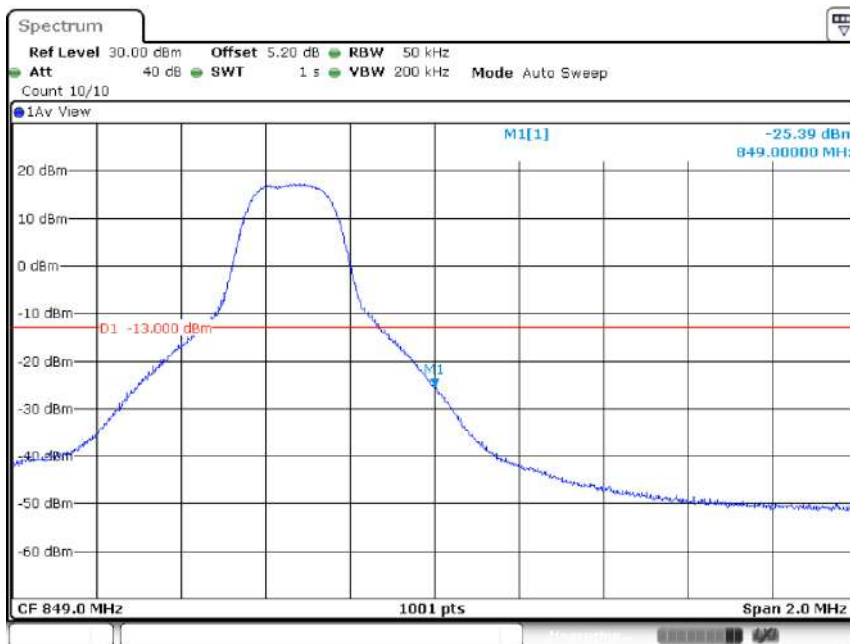
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Band5-5MHz-64QAM-20425-25RB#0



Date: 22.OCT.2020 16:58:36

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



Date: 22.OCT.2020 16:59:08



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



Date: 22.OCT.2020 16:59:31

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



Date: 22.OCT.2020 15:19:53



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



Date: 22.OCT.2020 15:20:41

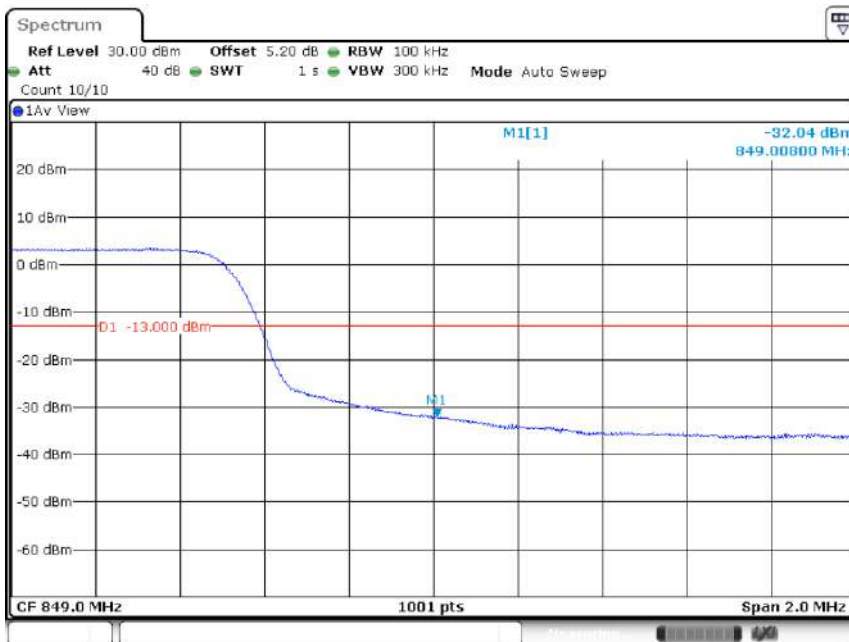
Band5-10MHz-QPSK-20600-1RB#49



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



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



Date: 22.OCT.2020 15:22:23

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



Date: 22.OCT.2020 15:20:17



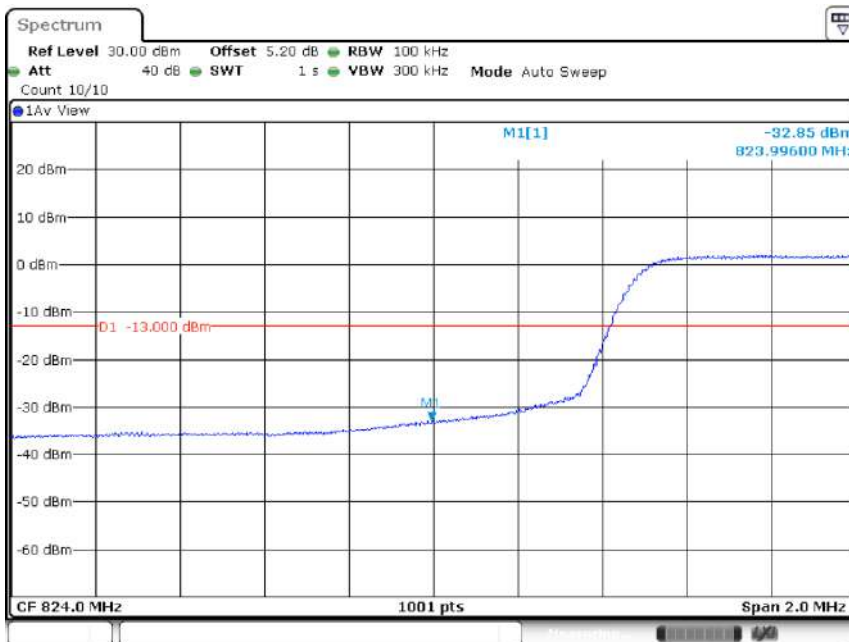
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Band5-10MHz-16QAM-20450-50RB#0



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



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



Date: 22.OCT.2020 15:22:46

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



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



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



Date: 22.OCT.2020 17:00:29

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



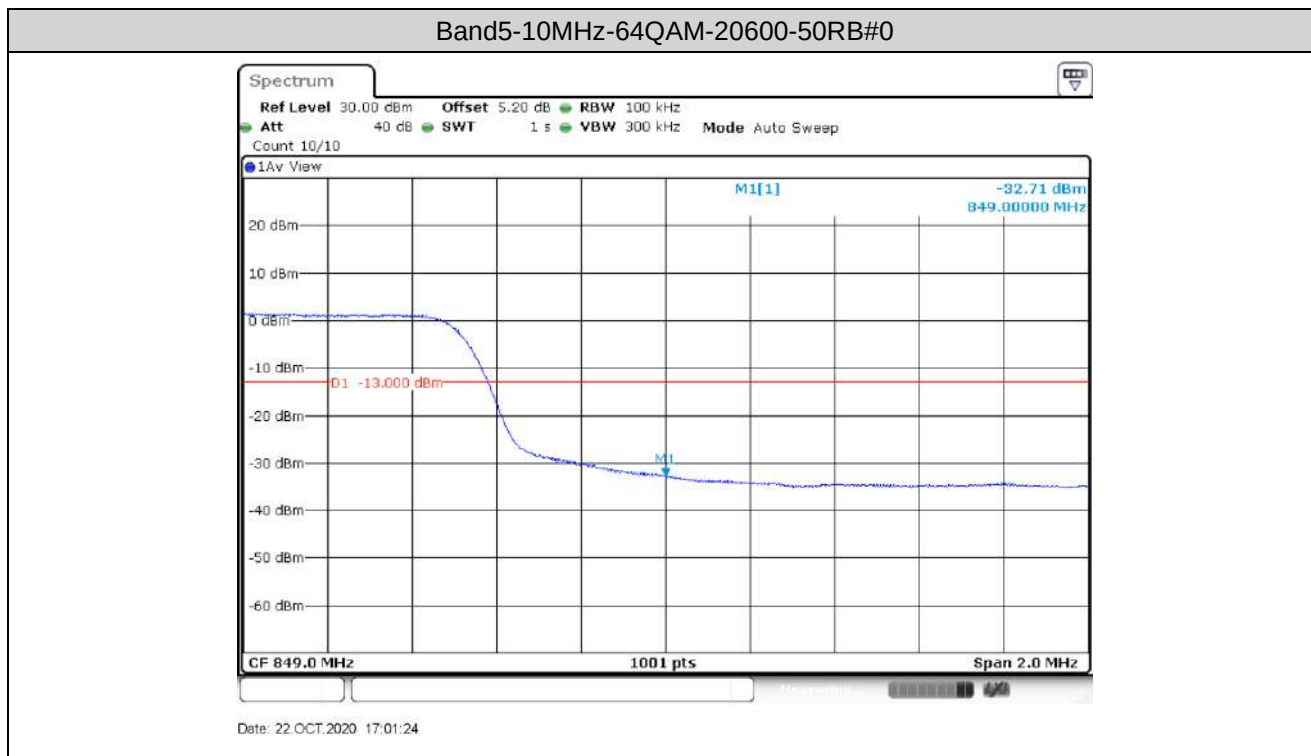
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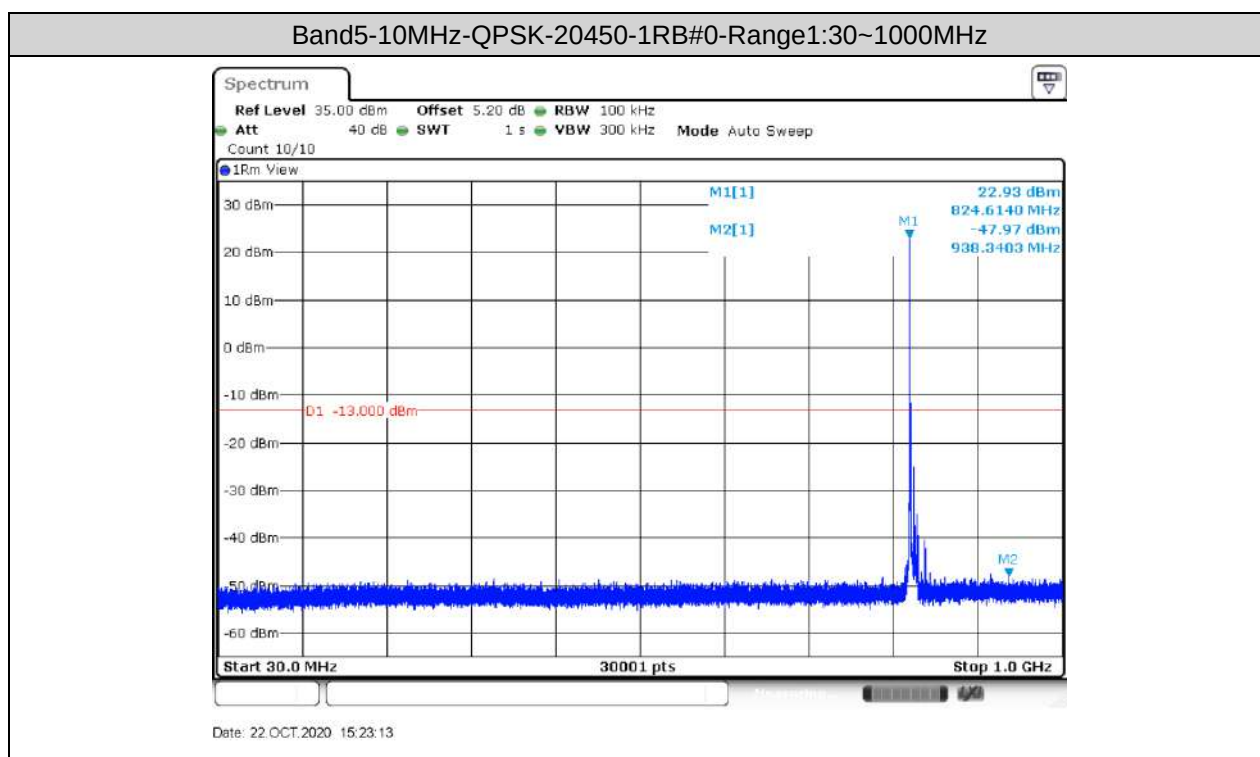
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6 Spurious Emission at Antenna Terminal

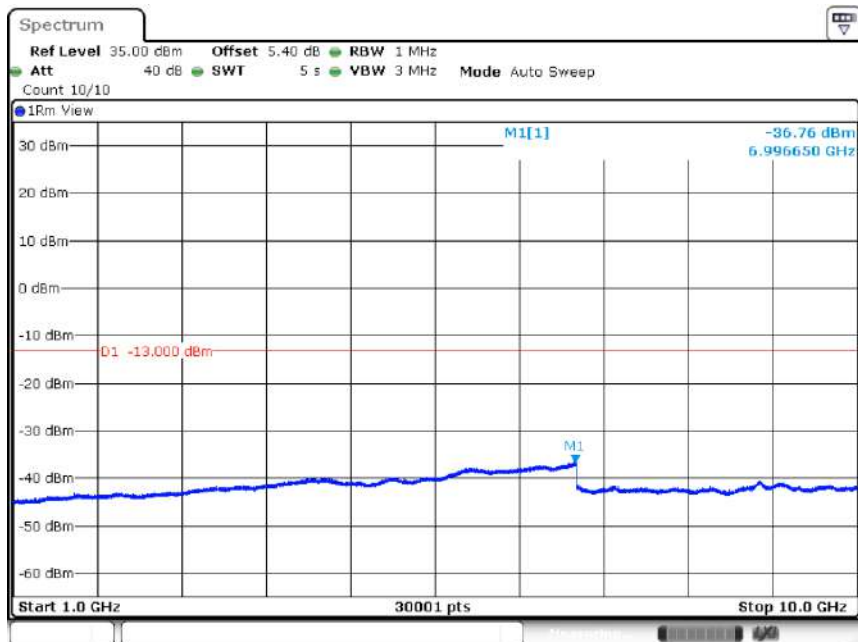
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points =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

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

6.1 Test Plots

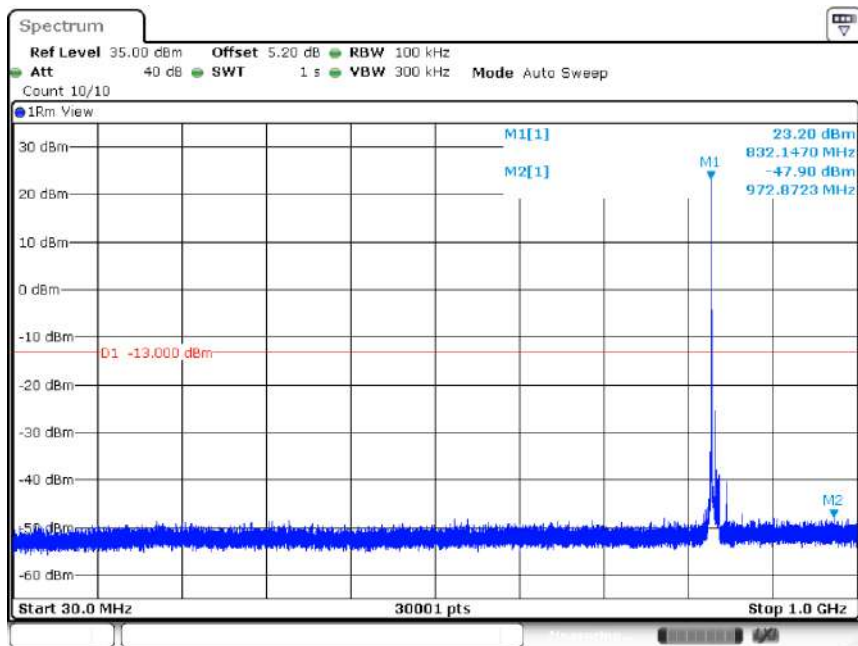


Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



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

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



Date: 22.OCT.2020 15:26:16

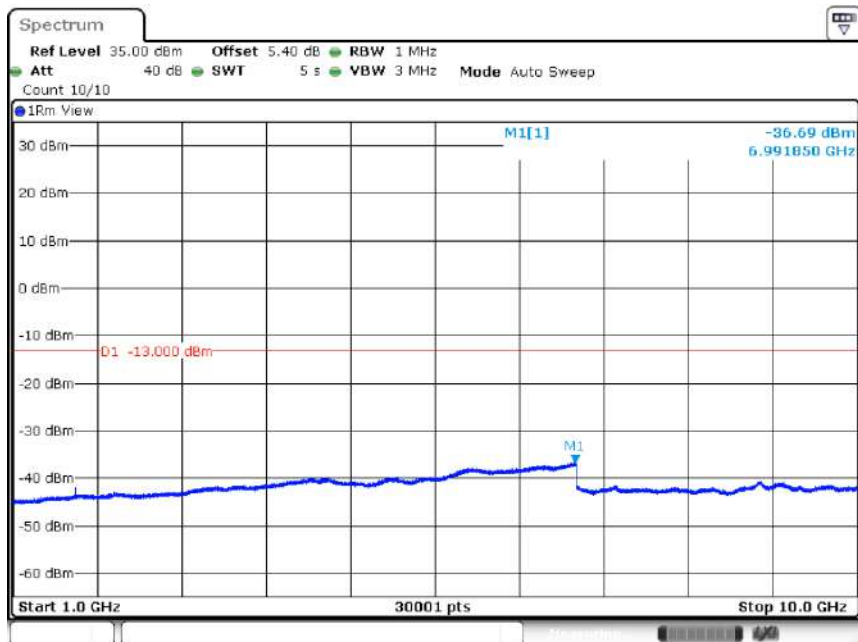


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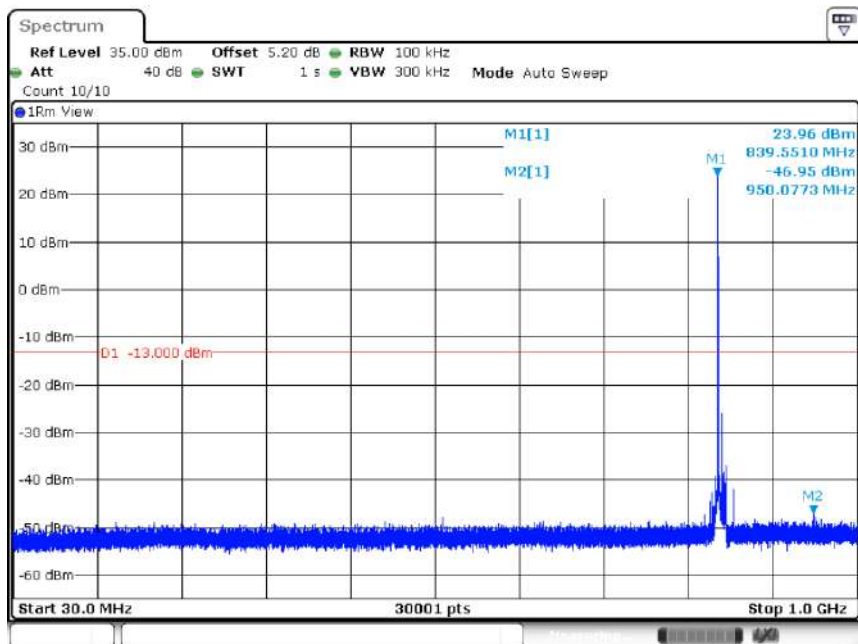
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Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



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

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



Date: 22.OCT.2020 15:29:18

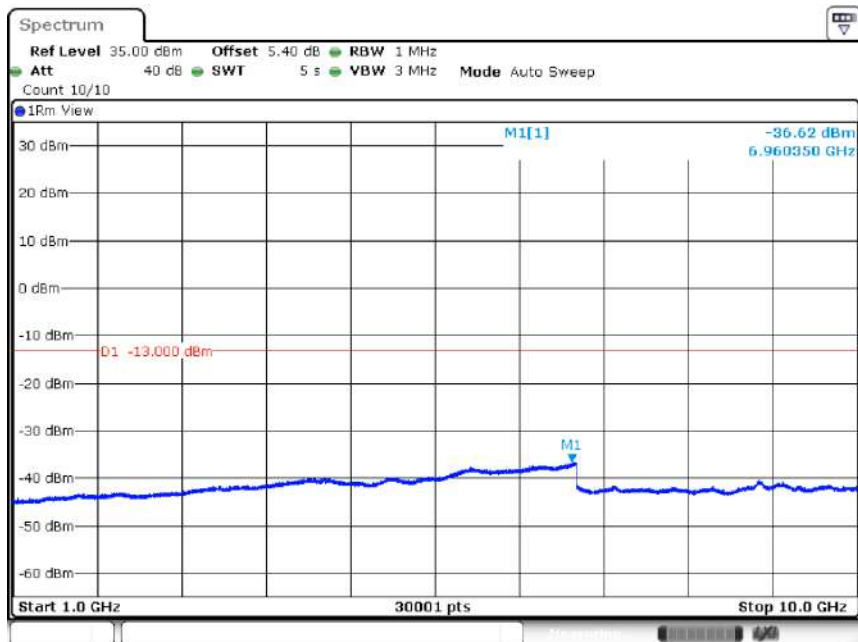


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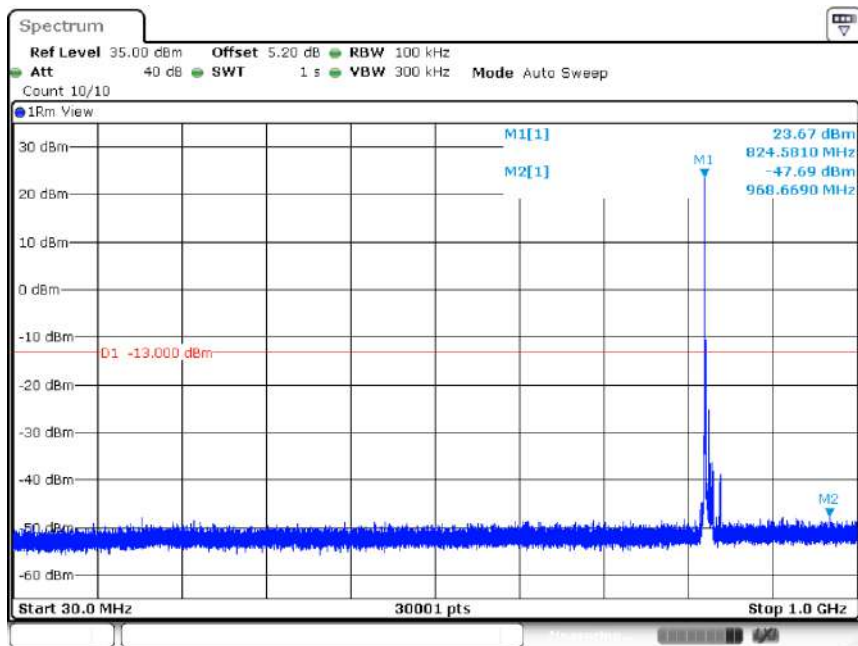
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Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 15:30:26

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



Date: 22.OCT.2020 15:24:44

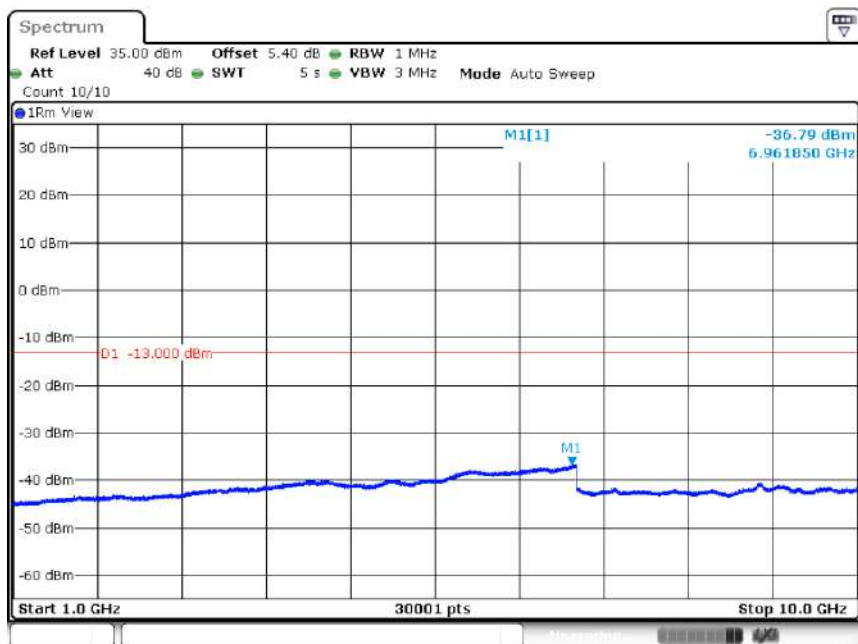


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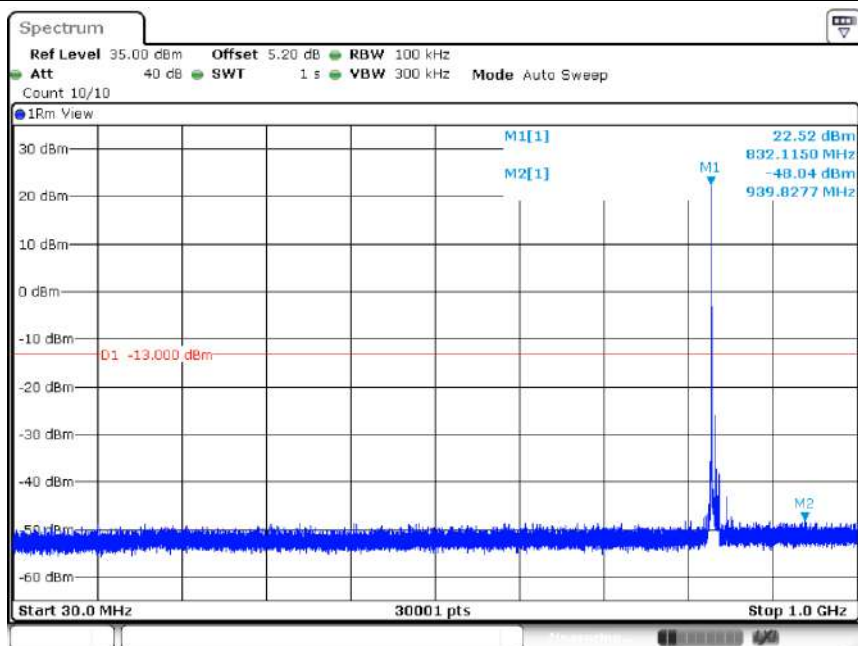
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Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 15:25:53

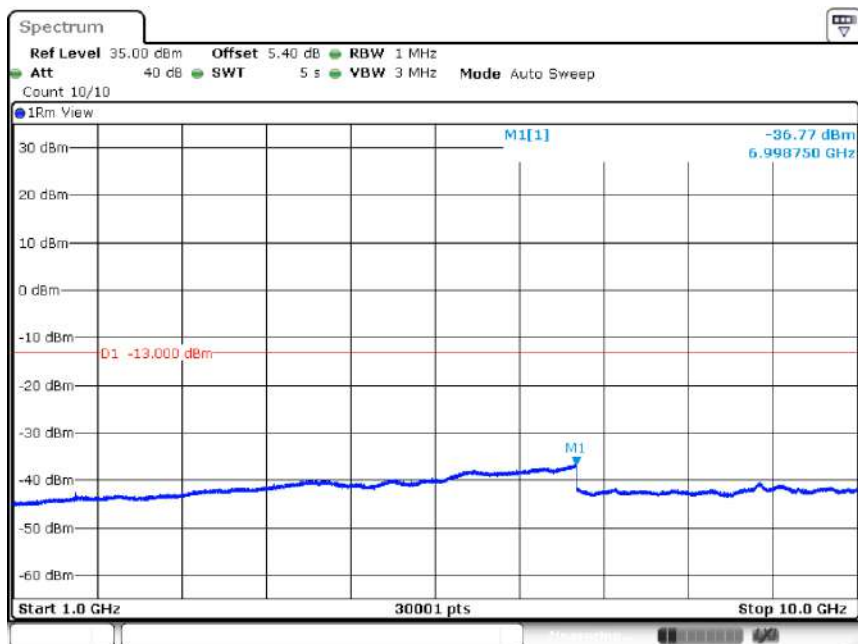
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Date: 22.OCT.2020 15:27:47

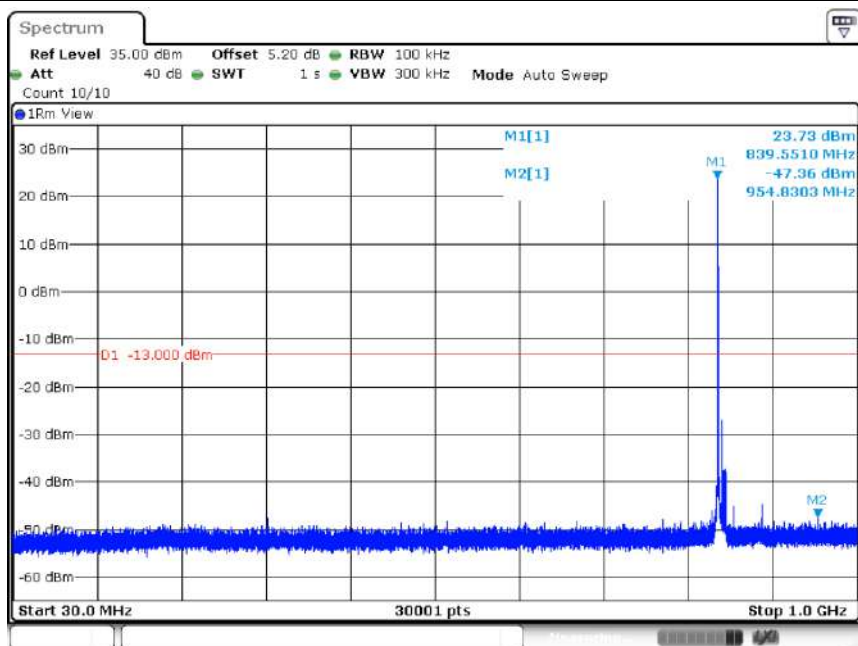


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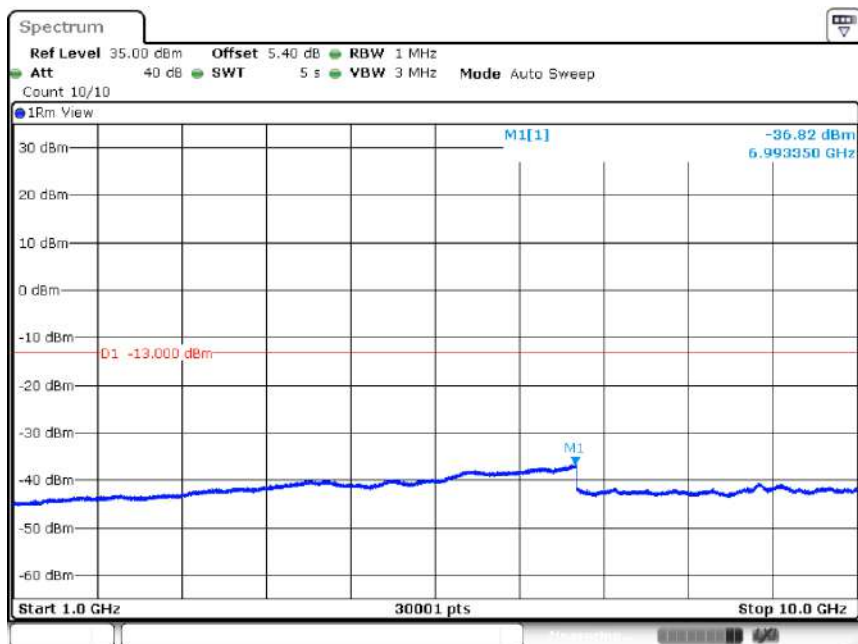
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Date: 22.OCT.2020 15:30:48

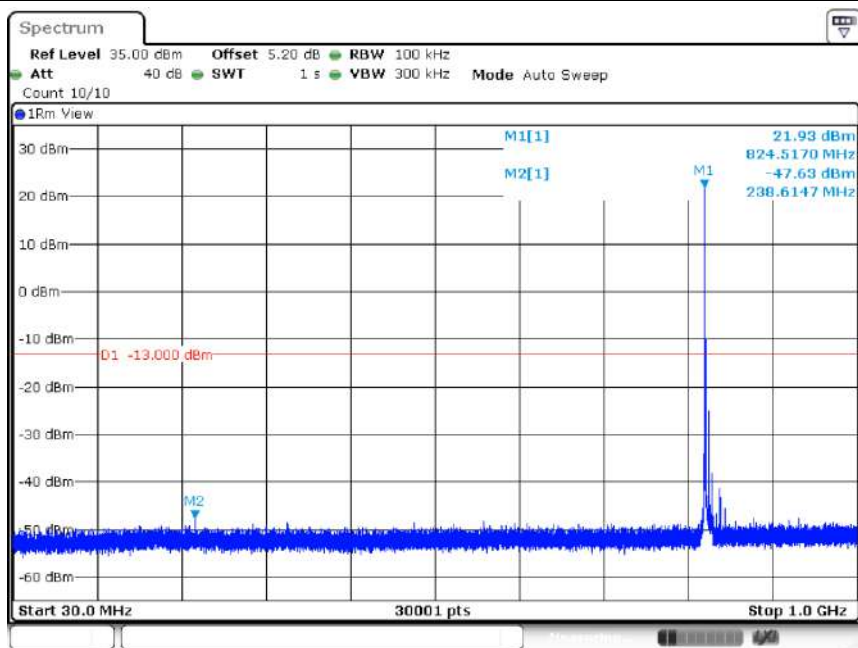


Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



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

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



Date: 22.OCT.2020 17:01:52

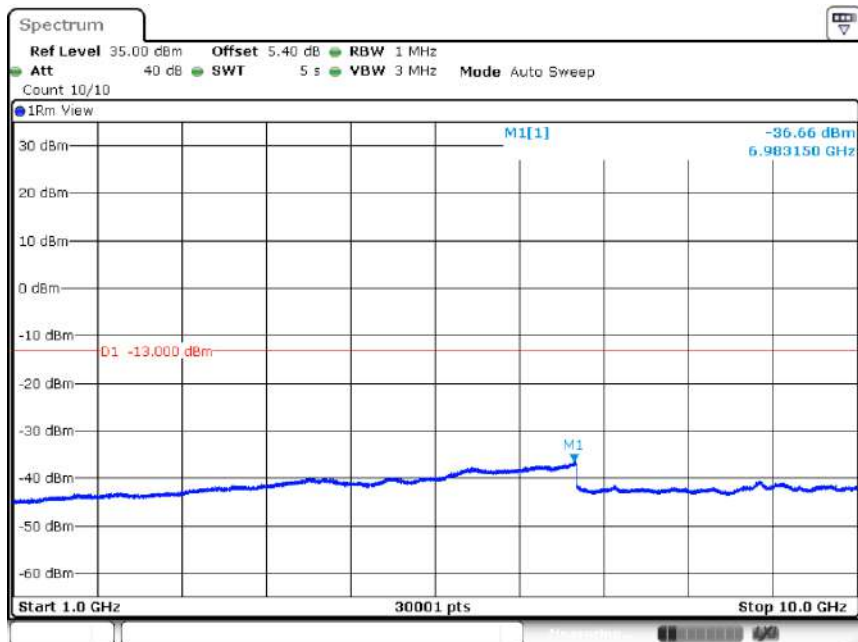


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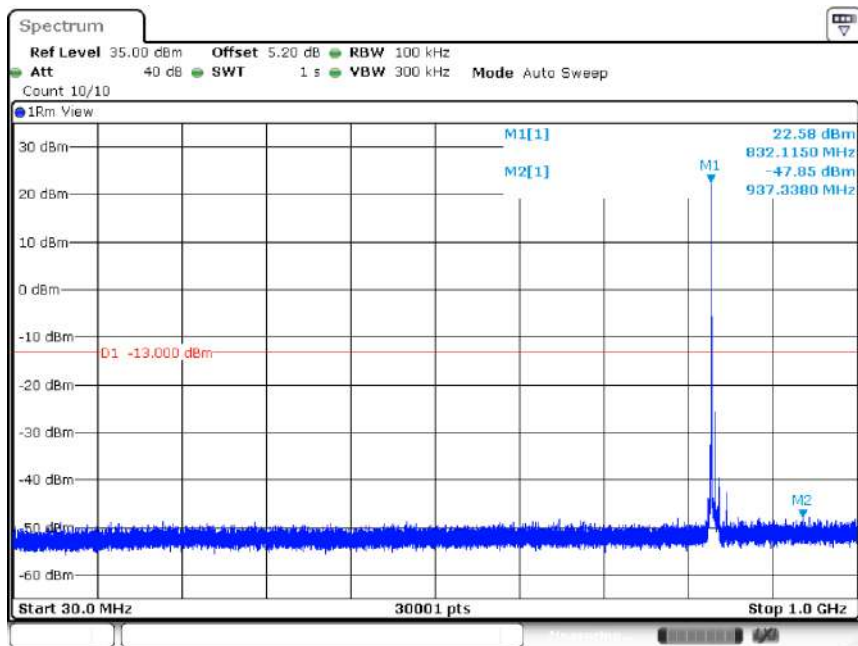
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Band5-10MHz-64QAM-20450-1RB#0-Range2:1000~10000MHz



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

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



Date: 22.OCT.2020 17:03:23

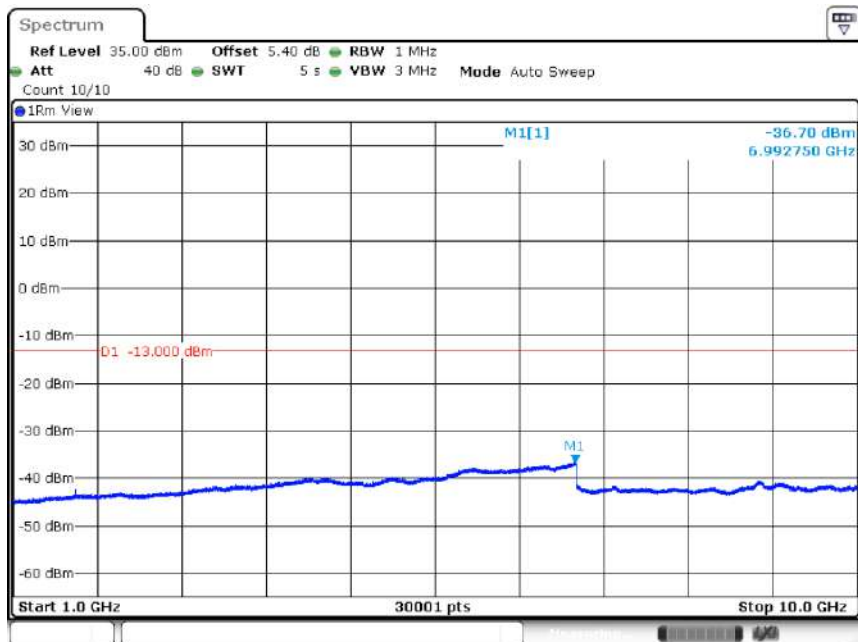


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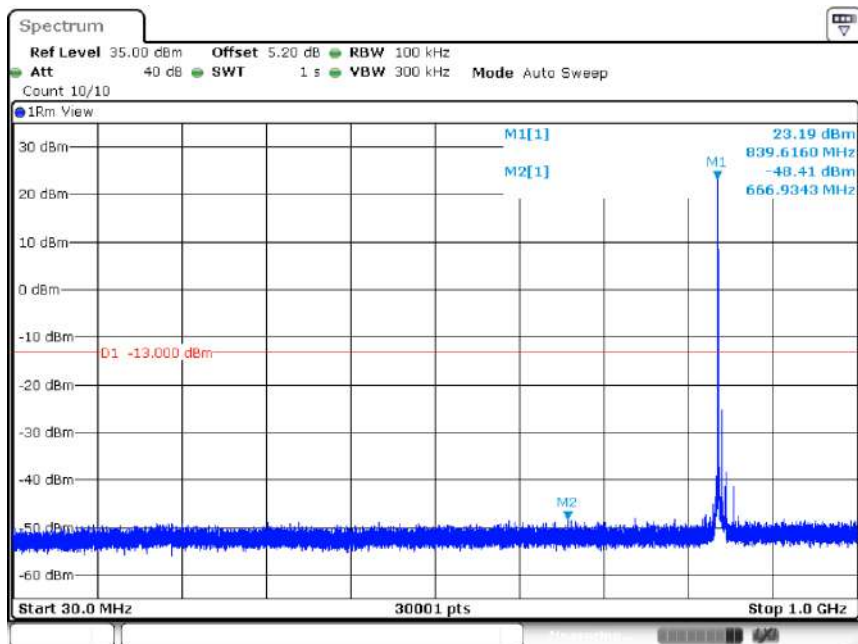
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Band5-10MHz-64QAM-20525-1RB#0-Range2:1000~10000MHz



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

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



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

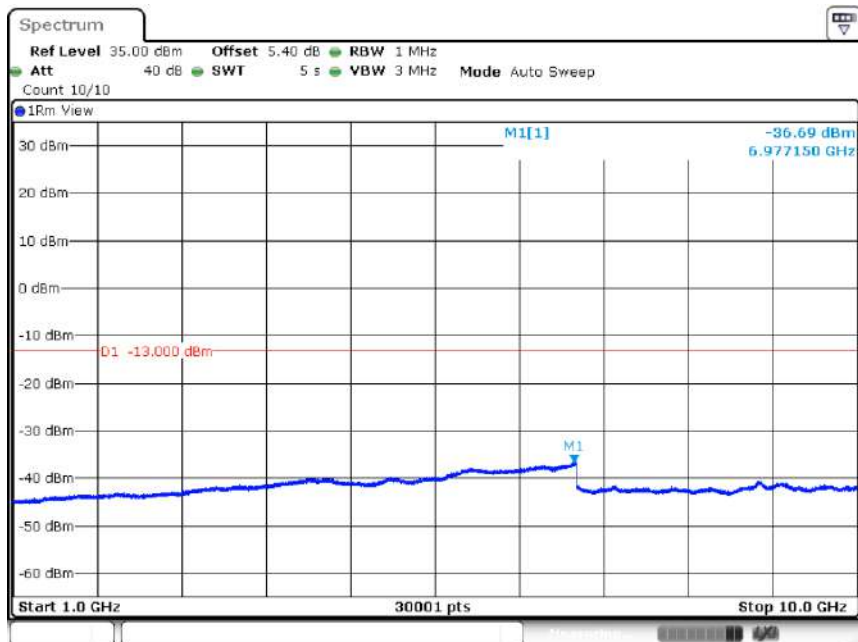


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Band5-10MHz-64QAM-20600-1RB#0-Range2:1000~10000MHz



Date: 22.OCT.2020 17:06:03



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]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	40.2825	-68.67	-61.90	-13.00	48.90	174	230	Horizontal
2	102.4626	-67.57	-72.21	-13.00	59.21	185	261	Horizontal
3	232.3036	-67.33	-64.51	-13.00	51.51	196	40	Horizontal
4	1649.3299	-61.23	-57.18	-13.00	44.18	321	148	Horizontal
5	2473.8948	-57.32	-46.49	-13.00	33.49	215	327	Horizontal
6	4123.0708	-49.11	-58.27	-13.00	45.27	151	166	Horizontal



7.2 Test Band = LTE_5_TM1

7.2.1 Test Channel = Low Channel

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.6790	-65.53	-70.35	-13.00	57.35	212	262	Vertical
2	115.1218	-67.82	-61.86	-13.00	48.86	258	9	Vertical
3	367.4799	-67.25	-64.69	-13.00	51.69	296	40	Vertical
4	1648.9298	-62.51	-57.83	-13.00	44.83	231	114	Vertical
5	2473.8948	-58.31	-48.90	-13.00	35.90	158	336	Vertical
6	4122.6041	-46.46	-56.23	-13.00	43.23	199	40	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]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	39.4580	-68.42	-61.84	-13.00	48.84	258	135	Horizontal
2	231.8186	-67.71	-64.89	-13.00	51.89	274	135	Horizontal
3	1664.1328	-63.98	-60.08	-13.00	47.08	159	317	Horizontal
4	2496.2993	-62.99	-51.68	-13.00	38.68	196	333	Horizontal
5	4160.4053	-46.60	-55.70	-13.00	42.70	321	135	Horizontal
6	8320.6440	-51.66	-51.16	-13.00	38.16	215	40	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]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.8131	-62.96	-69.88	-13.00	56.88	174	72	Vertical
2	109.9320	-68.54	-62.15	-13.00	49.15	185	135	Vertical
3	381.0606	-67.96	-64.70	-13.00	51.70	196	72	Vertical
4	1664.1328	-66.46	-61.73	-13.00	48.73	321	235	Vertical
5	2496.2993	-59.92	-50.39	-13.00	37.39	215	165	Vertical
6	4160.1720	-43.15	-52.90	-13.00	39.90	168	199	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]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	39.3125	-68.25	-61.72	-13.00	48.72	188	230	Horizontal
2	233.8072	-66.54	-63.73	-13.00	50.73	213	72	Horizontal
3	1679.3359	-62.27	-58.52	-13.00	45.52	151	129	Horizontal
4	2518.7037	-59.44	-48.29	-13.00	35.29	191	324	Horizontal
5	4197.7399	-51.13	-60.16	-13.00	47.16	235	167	Horizontal
6	9318.4106	-58.43	-52.66	-13.00	39.66	218	8	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]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.5221	-61.86	-68.50	-13.00	55.50	158	40	Vertical
2	112.2116	-68.66	-62.44	-13.00	49.44	174	325	Vertical
3	334.1102	-68.10	-65.87	-13.00	52.87	185	230	Vertical
4	1678.9358	-62.51	-57.73	-13.00	44.73	191	114	Vertical
5	2518.7037	-60.19	-50.59	-13.00	37.59	211	354	Vertical
6	4197.7399	-50.90	-60.63	-13.00	47.63	254	230	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 (°C)	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 (°C)	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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