

Report No.: SEWM2306000193RG01

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Appendix B.3

LTE Band 5



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant0:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.50	19.27	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.50	19.27	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.33	19.1	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.41	18.18	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.37	19.14	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.42	19.19	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.40	19.17	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.27	18.04	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.22	18.99	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.18	18.95	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.22	18.99	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.15	17.92	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.48	18.25	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.51	18.28	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.40	18.17	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.36	17.13	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.57	18.34	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.50	18.27	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.70	18.47	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.28	17.05	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.31	18.08	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.26	18.03	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.36	18.13	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.20	16.97	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	21.54	17.31	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	21.60	17.37	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	21.42	17.19	38.45	PASS



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Band5	1.4MHz	64QAM	20407	6RB#0	20.35	16.12	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	21.51	17.28	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	21.58	17.35	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	21.61	17.38	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	20.35	16.12	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	21.45	17.22	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	21.28	17.05	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	21.39	17.16	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.21	15.98	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	18.54	14.31	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	18.44	14.21	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	18.34	14.11	38.45	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	18.45	14.22	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	18.51	14.28	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	18.59	14.36	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	18.60	14.37	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	18.31	14.08	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	18.34	14.11	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	18.22	13.99	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	18.32	14.09	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	18.22	13.99	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.40	19.17	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.48	19.25	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.31	19.08	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.40	18.17	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.30	19.07	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.44	19.21	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.28	19.05	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.40	18.17	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.22	18.99	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.30	19.07	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.17	18.94	38.45	PASS



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Band5	3MHz	QPSK	20635	15RB#0	22.20	17.97	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.39	18.16	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.53	18.3	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.57	18.34	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.39	17.16	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.44	18.21	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.52	18.29	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.41	18.18	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.36	17.13	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.15	17.92	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.32	18.09	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.21	17.98	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.10	16.87	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	21.52	17.29	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	21.44	17.21	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	21.47	17.24	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	20.42	16.19	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	21.47	17.24	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	21.62	17.39	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	21.38	17.15	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	20.43	16.2	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	21.29	17.06	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#8	21.41	17.18	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	21.22	16.99	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	20.15	15.92	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	18.32	14.09	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	18.58	14.35	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	18.46	14.23	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	18.44	14.21	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	18.46	14.23	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	18.64	14.41	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	18.40	14.17	38.45	PASS



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Band5	3MHz	256QAM	20525	15RB#0	18.37	14.14	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	18.15	13.92	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	18.37	14.14	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	18.20	13.97	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	18.18	13.95	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.38	19.15	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.40	19.17	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.38	19.15	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.41	18.18	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.45	19.22	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.43	19.2	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.37	19.14	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.39	18.16	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.31	19.08	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.22	18.99	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.20	18.97	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.17	17.94	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.46	18.23	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.65	18.42	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.46	18.23	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.54	17.31	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.53	18.3	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.63	18.4	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.50	18.27	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.43	17.2	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.40	18.17	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.30	18.07	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.16	17.93	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.21	16.98	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	21.56	17.33	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	21.53	17.3	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	21.47	17.24	38.45	PASS



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Band5	5MHz	64QAM	20425	25RB#0	20.40	16.17	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	21.59	17.36	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	21.69	17.46	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#24	21.41	17.18	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.38	16.15	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	21.38	17.15	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	21.46	17.23	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	21.36	17.13	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.27	16.04	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	18.28	14.05	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	18.60	14.37	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	18.60	14.37	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	18.45	14.22	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	18.47	14.24	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	18.67	14.44	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	18.56	14.33	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	18.42	14.19	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	18.26	14.03	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	18.35	14.12	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	18.28	14.05	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	18.28	14.05	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.46	19.23	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.51	19.28	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.36	19.13	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.37	18.14	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.33	19.1	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.46	19.23	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.28	19.05	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.36	18.13	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.33	19.1	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.22	18.99	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.09	18.86	38.45	PASS



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Band5	10MHz	QPSK	20600	50RB#0	22.13	17.9	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.57	18.34	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.56	18.33	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.72	18.49	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.49	17.26	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.46	18.23	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.55	18.32	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.44	18.21	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.26	17.03	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.26	18.03	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.45	18.22	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.31	18.08	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.26	17.03	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	21.60	17.37	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.74	17.51	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.64	17.41	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.45	16.22	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	21.59	17.36	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	21.62	17.39	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	21.38	17.15	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.35	16.12	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.31	17.08	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.32	17.09	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	21.27	17.04	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.20	15.97	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	18.35	14.12	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	18.49	14.26	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	18.51	14.28	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	18.45	14.22	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	18.34	14.11	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	18.57	14.34	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	18.51	14.28	38.45	PASS



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Report No.: SEWM2306000193RG01

Rev.: 01

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Band5	10MHz	256QAM	20525	50RB#0	18.42	14.19	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	18.27	14.04	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	18.40	14.17	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	18.34	14.11	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	18.14	13.91	38.45	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	10MHz	QPSK	20450	50RB#0	5.90	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.80	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	6.00	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.72	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.64	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.76	13	PASS
Band5	10MHz	64QAM	20450	50RB#0	7.16	13	PASS
Band5	10MHz	64QAM	20525	50RB#0	7.04	13	PASS
Band5	10MHz	64QAM	20600	50RB#0	7.16	13	PASS
Band5	10MHz	256QAM	20450	50RB#0	7.20	13	PASS
Band5	10MHz	256QAM	20525	50RB#0	7.00	13	PASS
Band5	10MHz	256QAM	20600	50RB#0	7.12	13	PASS



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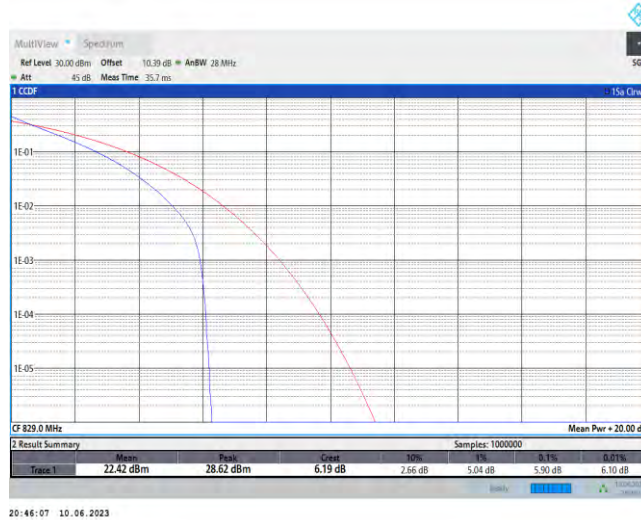
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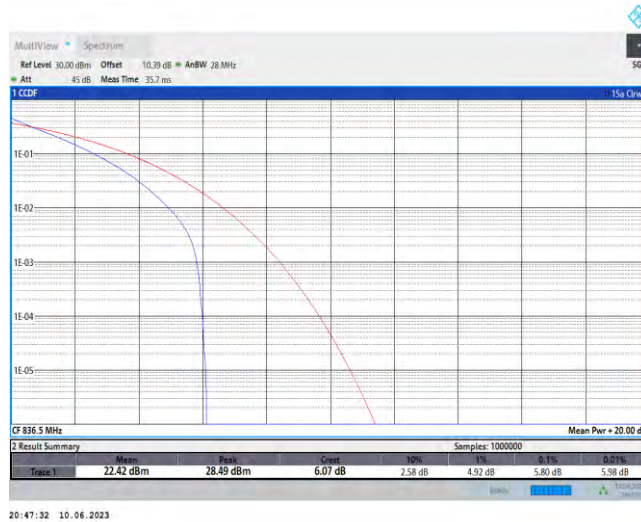
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Test Graphs

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



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

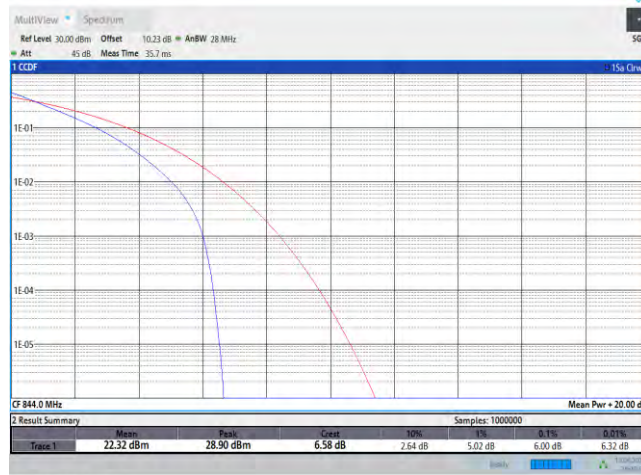


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Band5-10MHz-QPSK-20600-50RB#0



20:48:59 10.06.2023

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



20:46:23 10.06.2023

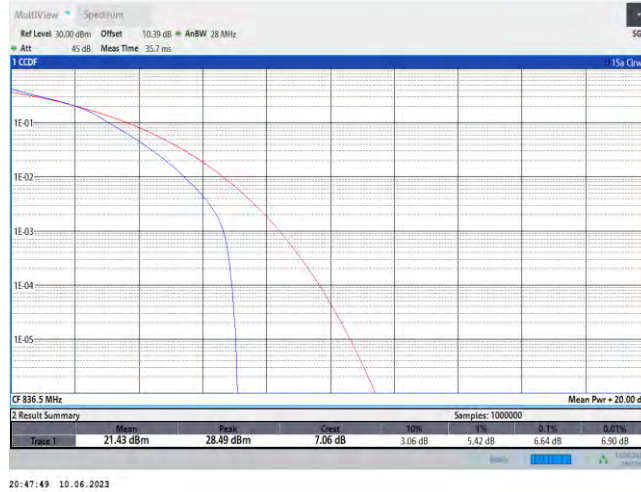


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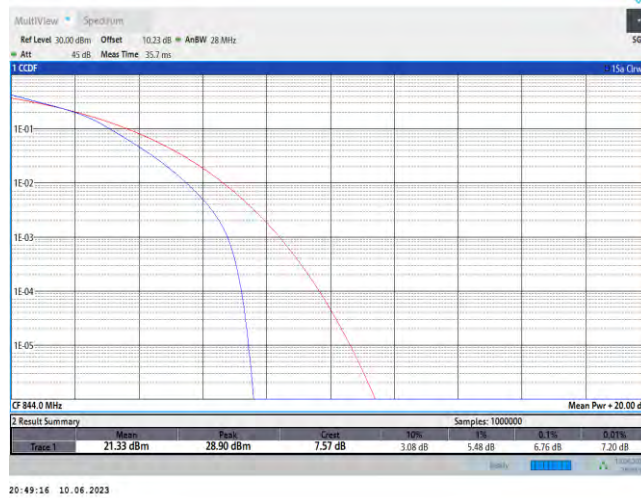
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Band5-10MHz-16QAM-20525-50RB#0



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

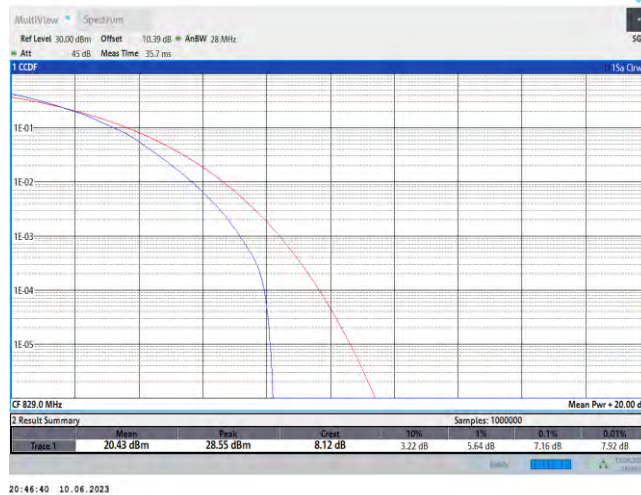


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Band5-10MHz-64QAM-20450-50RB#0



20:46:40 10.06.2023

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



20:48:06 10.06.2023



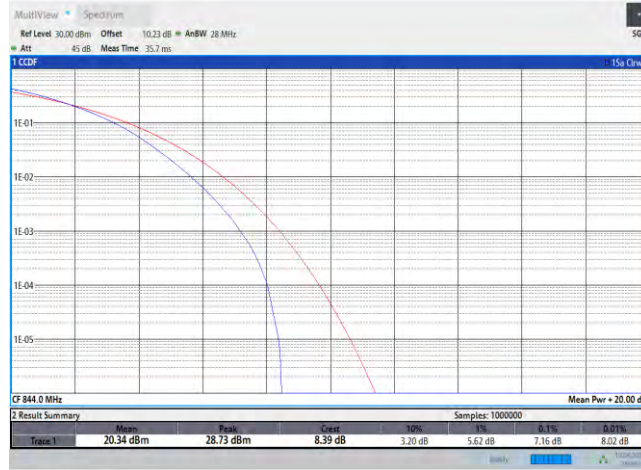
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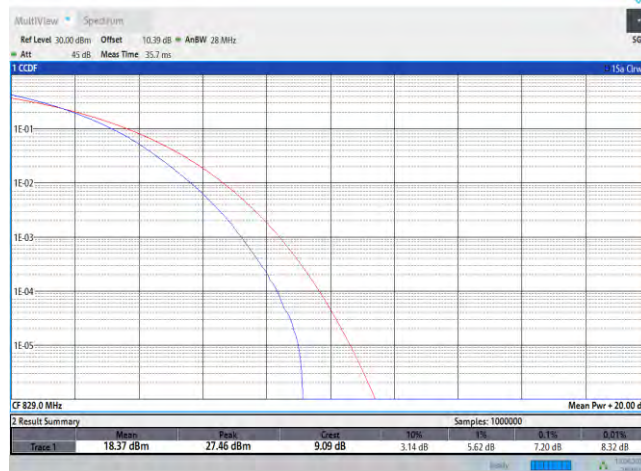
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Band5-10MHz-64QAM-20600-50RB#0



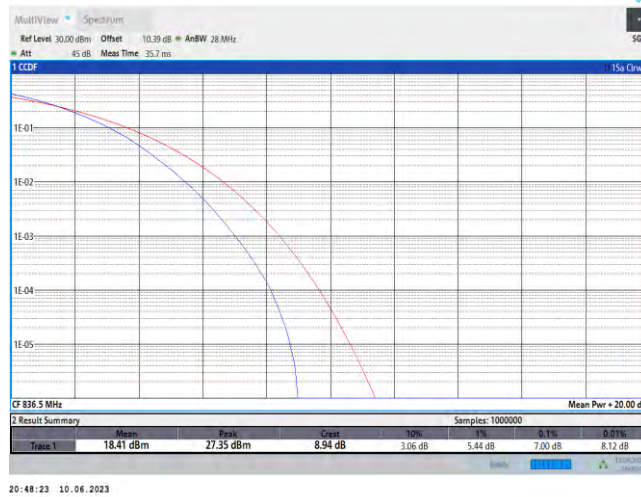
Band5-10MHz-256QAM-20450-50RB#0



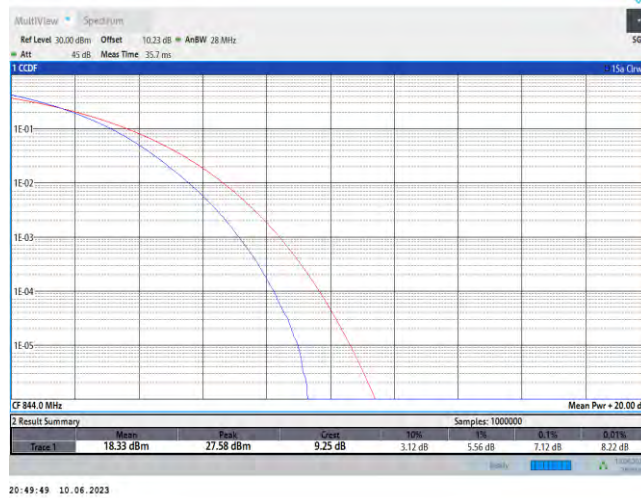
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Band5-10MHz-256QAM-20525-50RB#0



Band5-10MHz-256QAM-20600-50RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band5	10MHz	QPSK	20525	50RB#0	PASS	PASS
Band5	10MHz	16QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	64QAM	20525	50RB#0	PASS	PASS
Band5	10MHz	256QAM	20525	50RB#0	PASS	PASS



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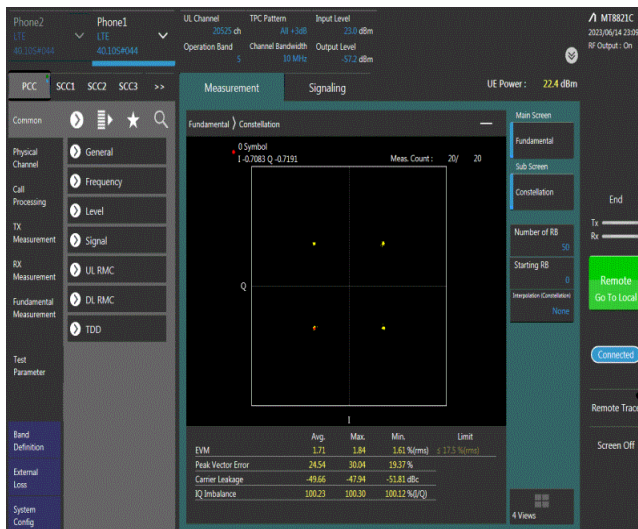
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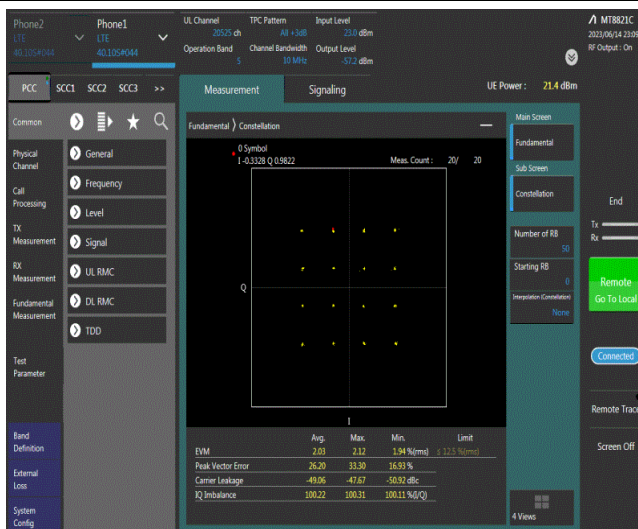
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Band5-10MHz-16QAM-20525-50RB#0



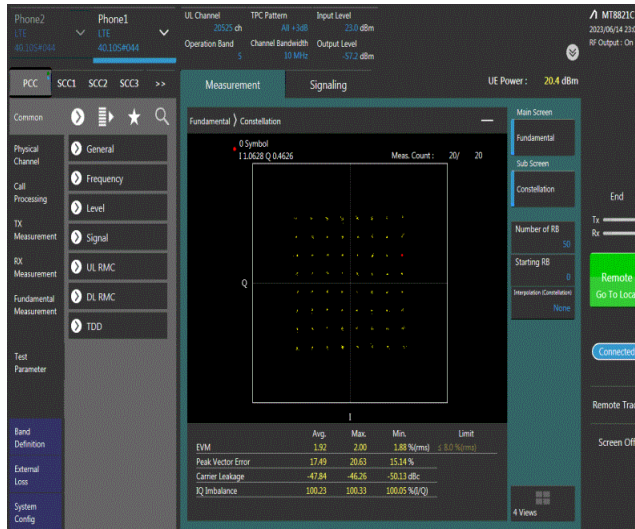
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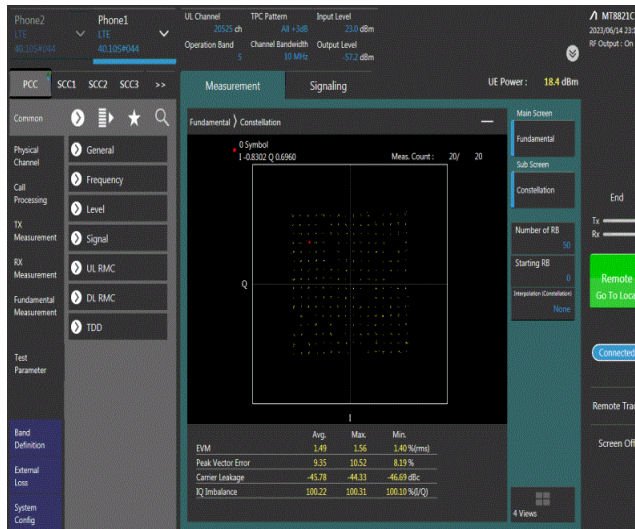
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Band5-10MHz-64QAM-20525-50RB#0



Band5-10MHz-256QAM-20525-50RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.108	1.38	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.11	1.38	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.104	1.38	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.104	1.38	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.102	1.38	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.107	1.41	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.111	1.39	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.11	1.39	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.104	1.38	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.11	1.40	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.105	1.39	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.105	1.39	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7	3.06	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.697	3.01	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.695	3.06	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.702	3.04	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.695	3.08	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.697	3.01	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.697	3.07	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.697	3.05	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.694	3.05	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.697	3.04	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.692	3.02	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.7	3.05	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.483	5.03	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.48	5.07	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.477	5.08	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.482	5.06	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.476	5.11	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.485	4.96	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.479	5.04	PASS



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Report No.: SEWM2306000193RG01

Rev.: 01

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Band5	5MHz	64QAM	20525	25RB#0	4.475	4.96	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.484	5.16	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.48	5.05	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.475	5.07	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.476	5.05	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.961	9.94	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.928	9.80	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.954	9.84	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.934	9.90	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.928	9.82	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.946	9.86	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.942	9.92	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.922	9.82	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.947	9.84	PASS
Band5	10MHz	256QAM	20450	50RB#0	8.955	9.84	PASS
Band5	10MHz	256QAM	20525	50RB#0	8.92	9.74	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.947	9.86	PASS



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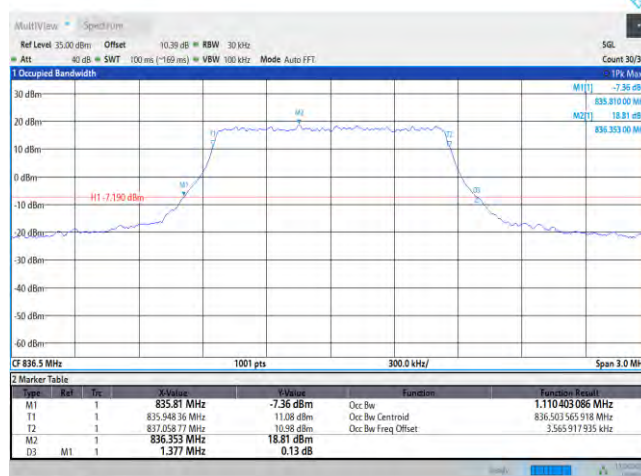
Test Graphs

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



12:02:53 11.06.2023

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



12:04:35 11.06.2023



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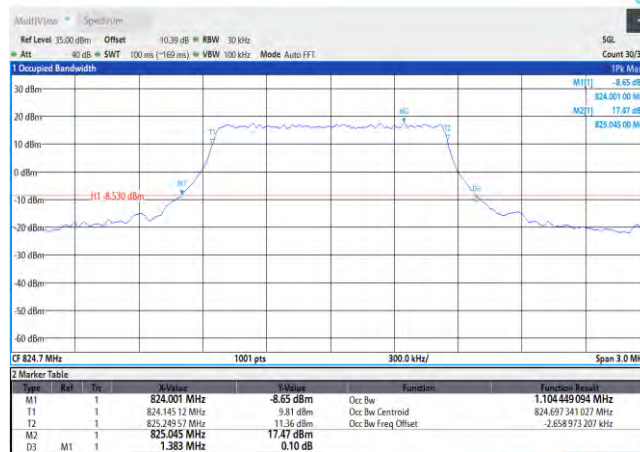
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Band5-1.4MHz-QPSK-20643-6RB#0



12:06:07 11.06.2023

Band5-1.4MHz-16QAM-20407-6RB#0



12:03:10 11.06.2023



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



12:04:52 11.06.2023

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



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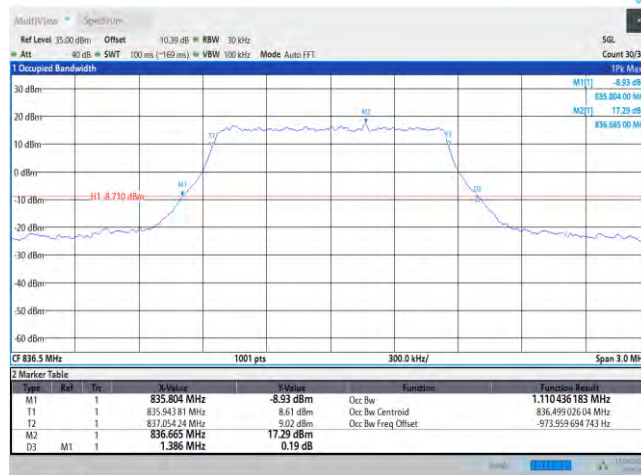
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Band5-1.4MHz-64QAM-20407-6RB#0



12:03:27 11.06.2023

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



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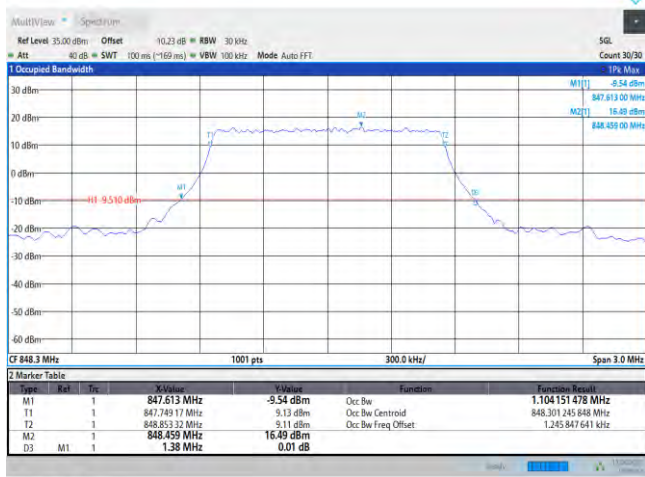


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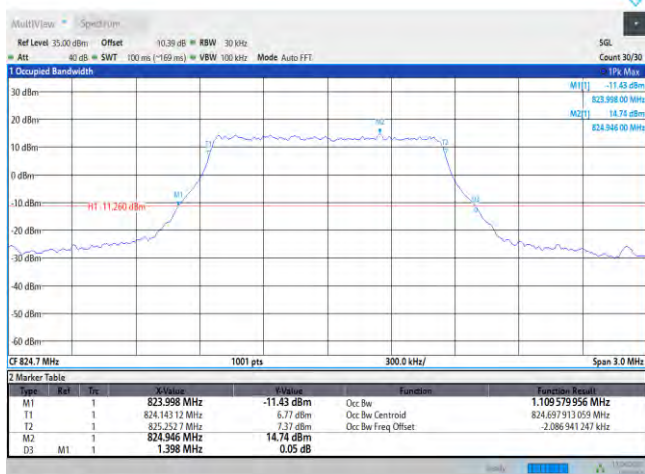
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Band5-1.4MHz-64QAM-20643-6RB#0



12:06:41 11.06.2023

Band5-1.4MHz-256QAM-20407-6RB#0



12:03:44 11.06.2023

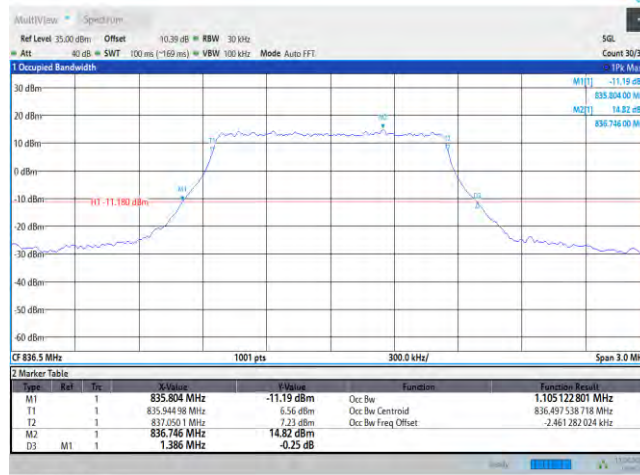


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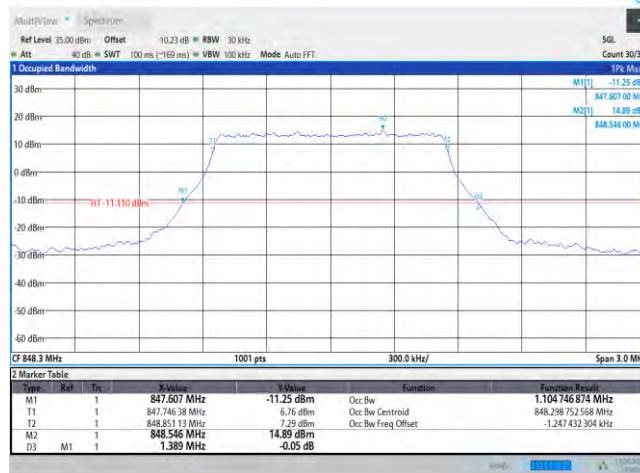
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Band5-1.4MHz-256QAM-20525-6RB#0



12:05:26 11.06.2023

Band5-1.4MHz-256QAM-20643-6RB#0



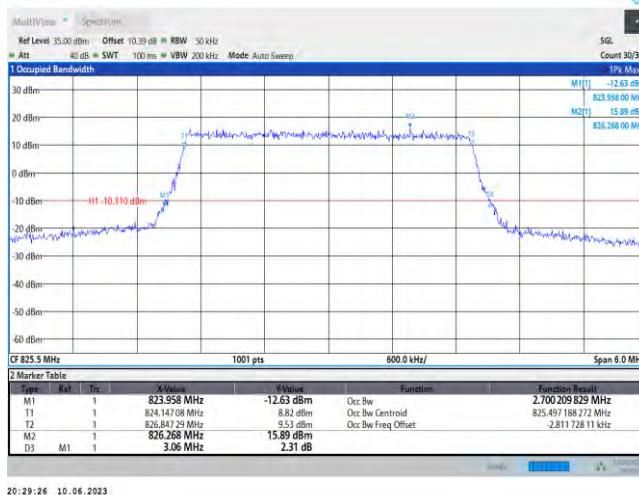
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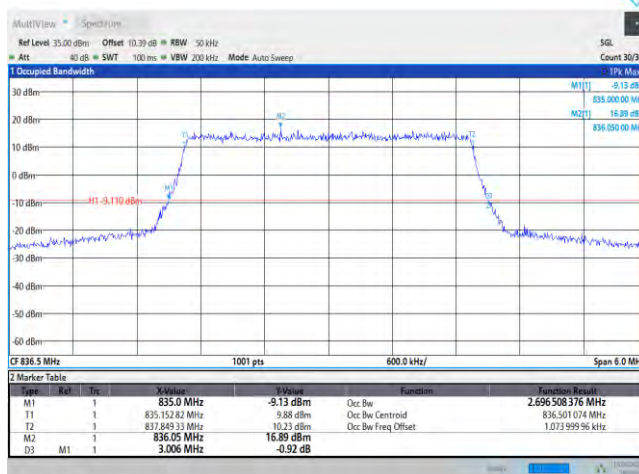
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Band5-3MHz-QPSK-20415-15RB#0



20:29:26 10.06.2023

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



20:30:50 10.06.2023



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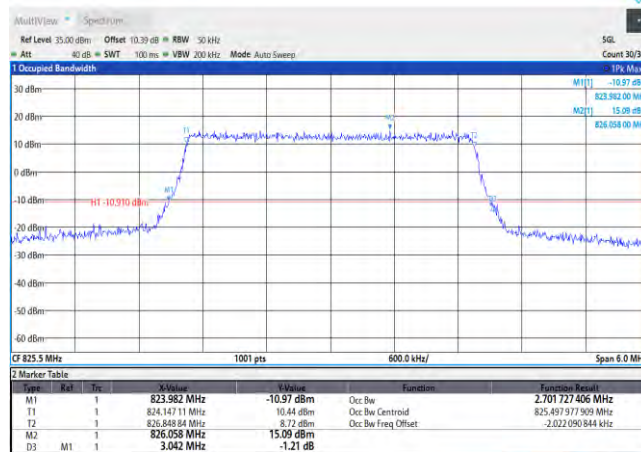
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Band5-3MHz-QPSK-20635-15RB#0



20:32:15 10.06.2023

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



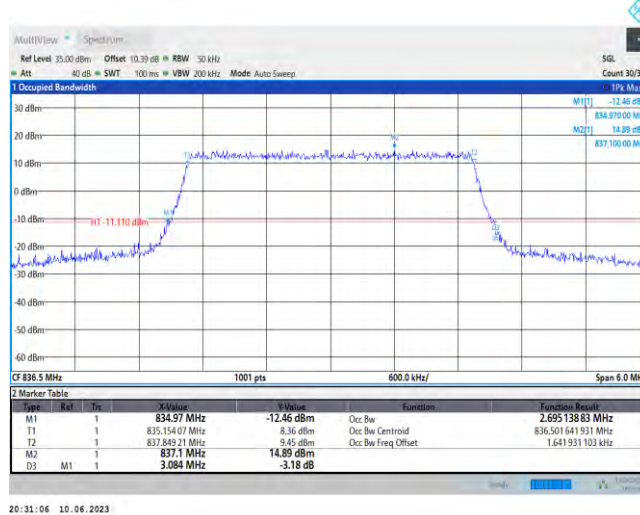
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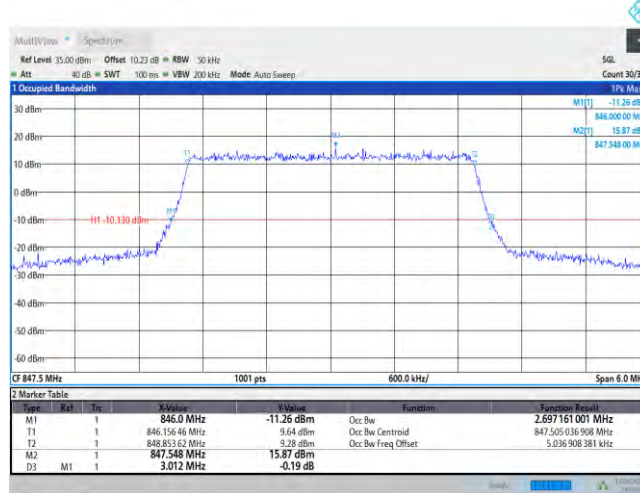
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Band5-3MHz-16QAM-20525-15RB#0



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



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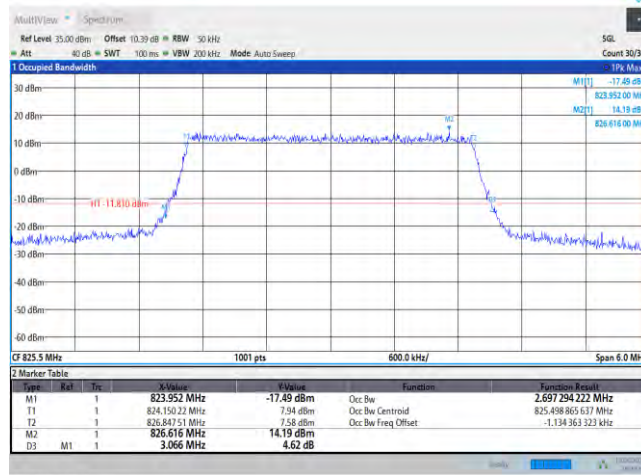
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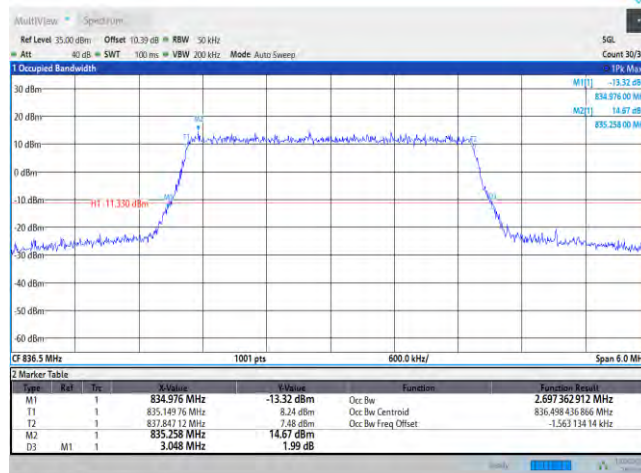
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Band5-3MHz-64QAM-20415-15RB#0



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



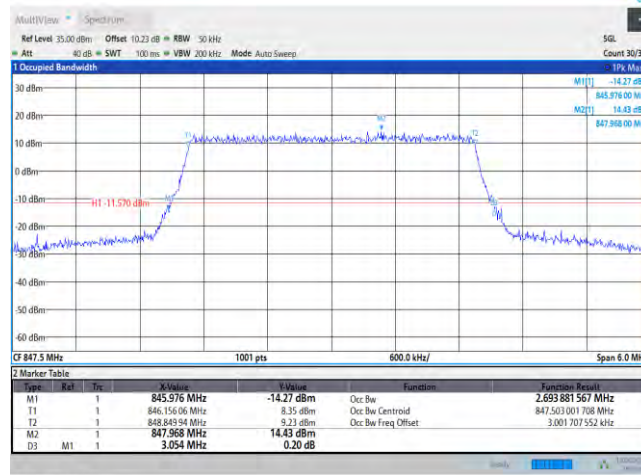
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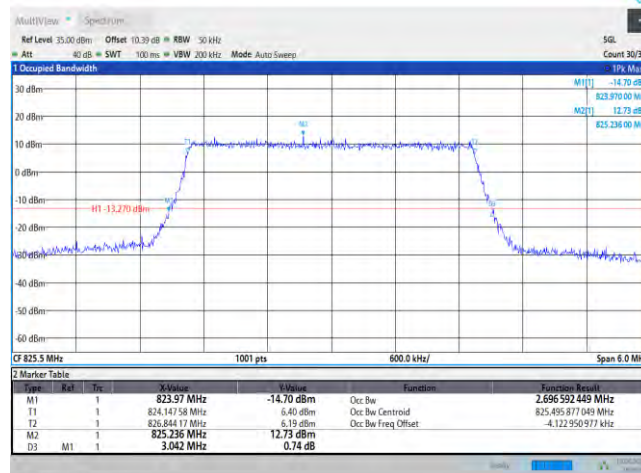
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Band5-3MHz-64QAM-20635-15RB#0



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Band5-3MHz-256QAM-20415-15RB#0



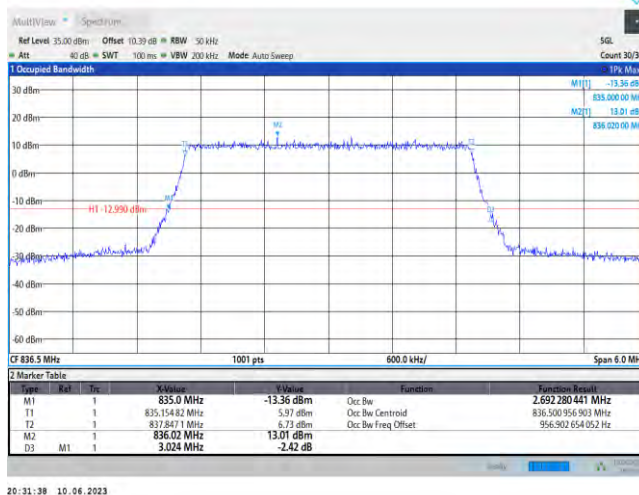
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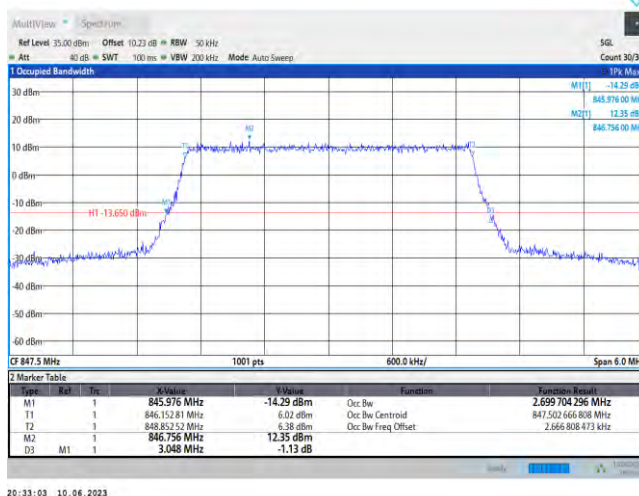
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Band5-3MHz-256QAM-20525-15RB#0



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Band5-3MHz-256QAM-20635-15RB#0



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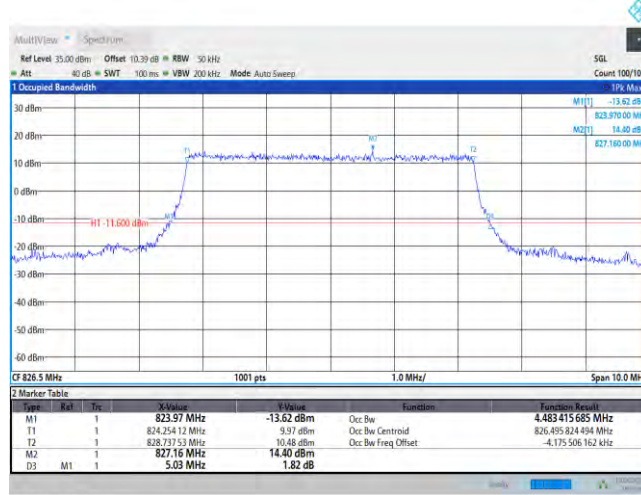


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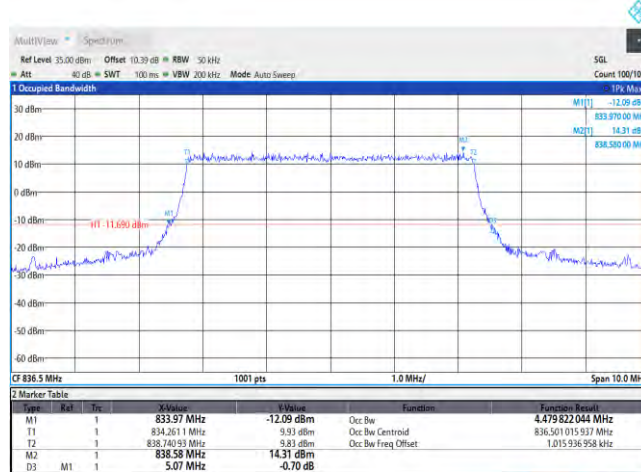
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Band5-5MHz-QPSK-20425-25RB#0



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



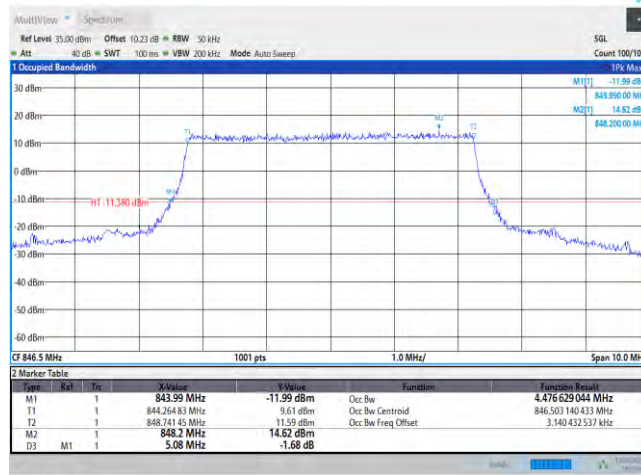
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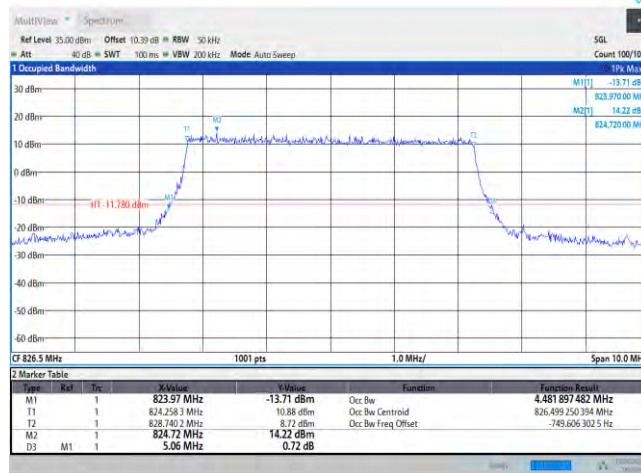
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Band5-5MHz-QPSK-20625-25RB#0



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



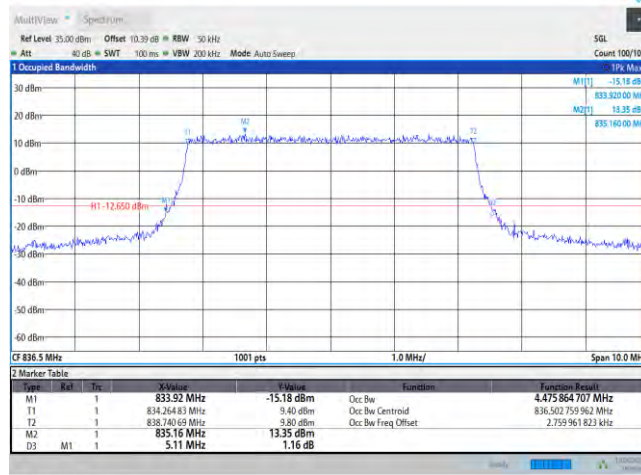
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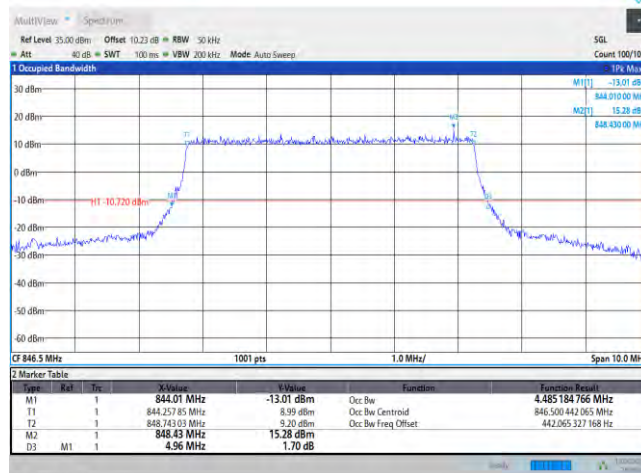
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Band5-5MHz-16QAM-20525-25RB#0



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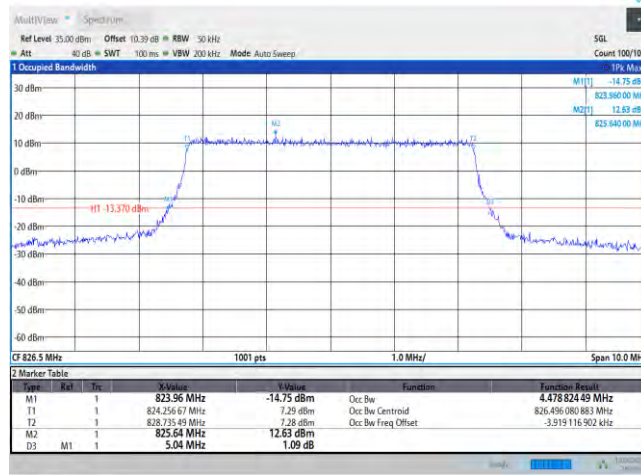
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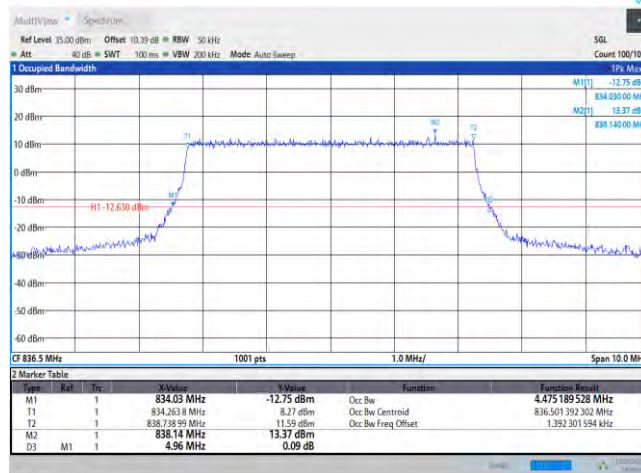
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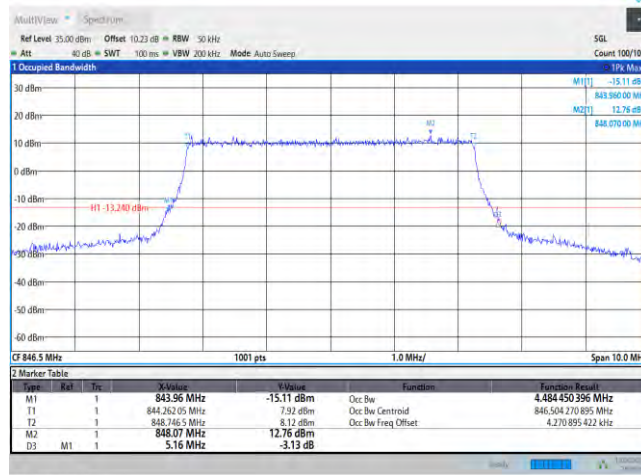
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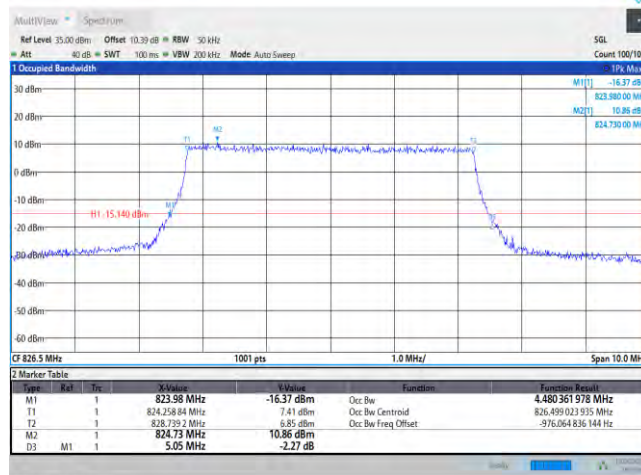
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Band5-5MHz-256QAM-20425-25RB#0

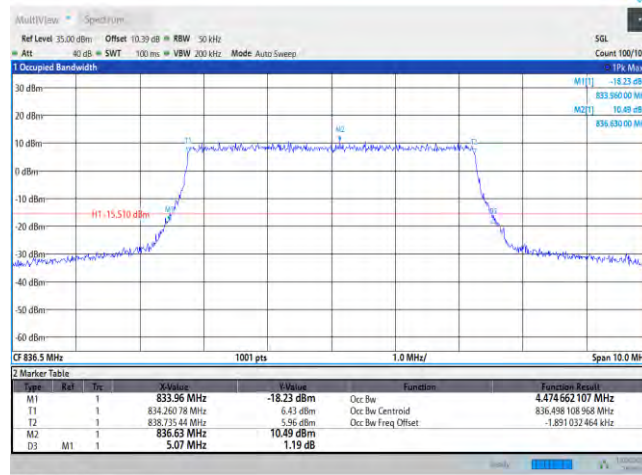


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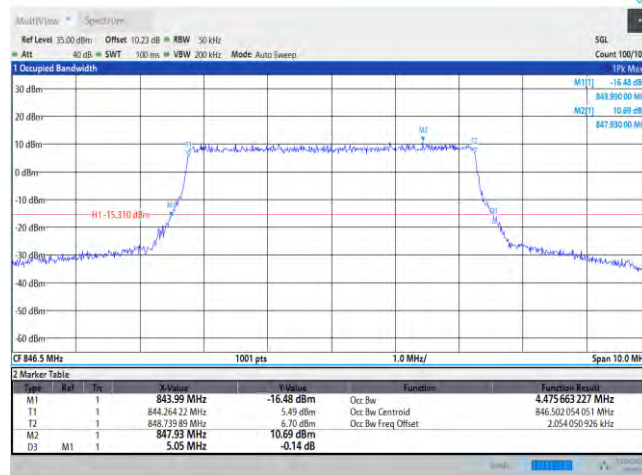
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Band5-5MHz-256QAM-20625-25RB#0



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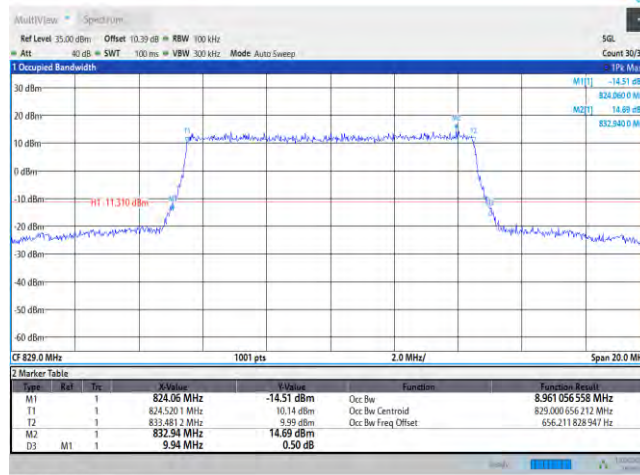
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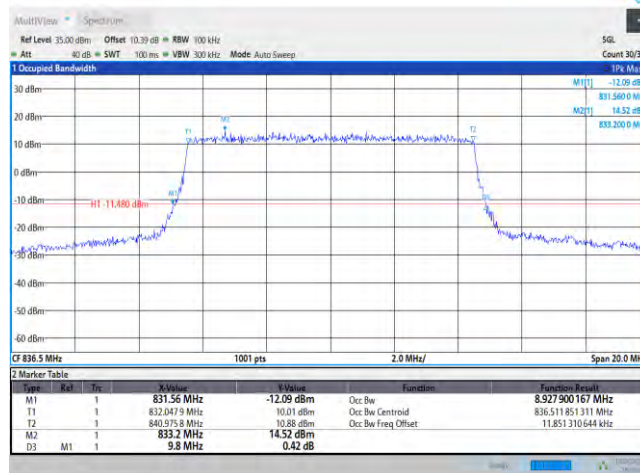
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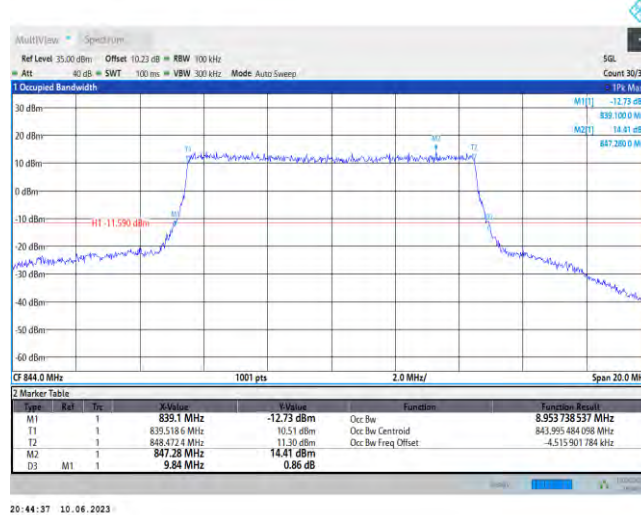
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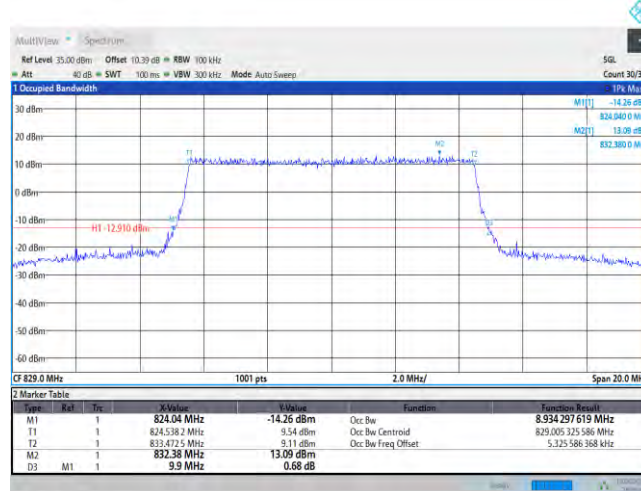
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Band5-10MHz-QPSK-20600-50RB#0



20:44:37 10.06.2023

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



20:39:46 10.06.2023



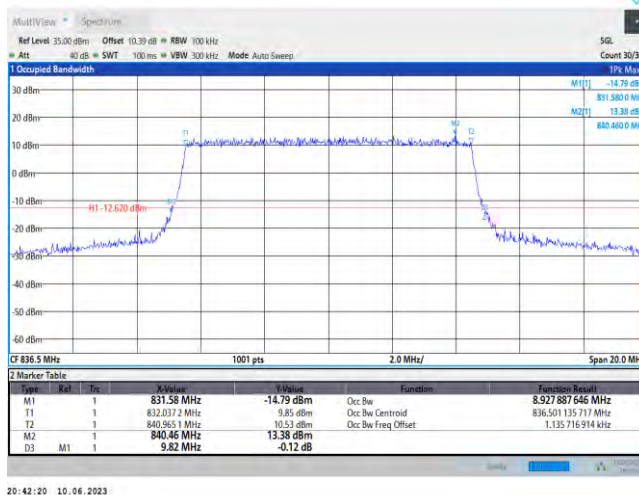
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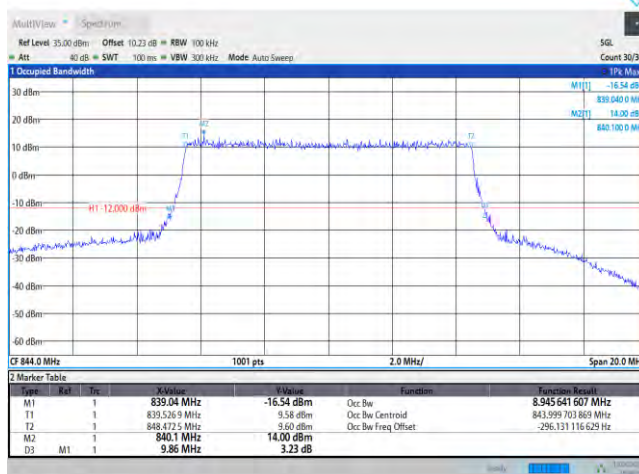
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Band5-10MHz-16QAM-20525-50RB#0



20:42:20 10.06.2023

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



20:44:53 10.06.2023

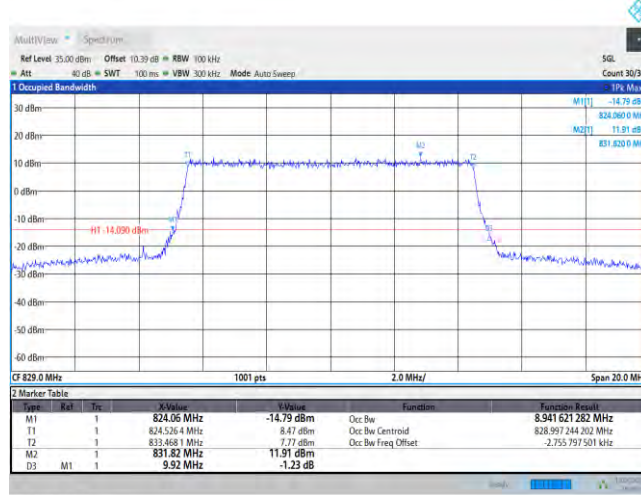


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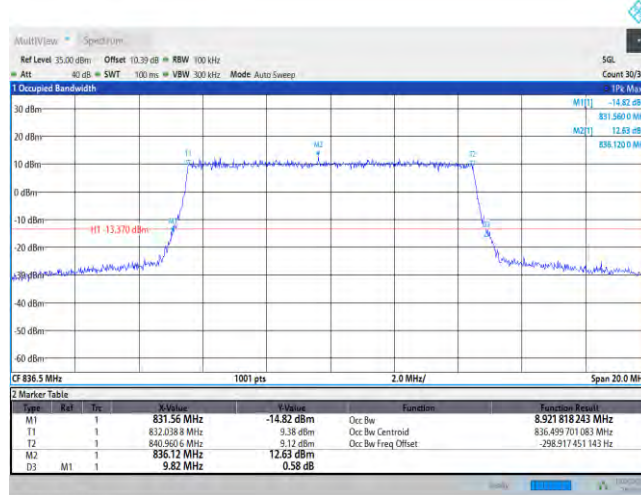
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Band5-10MHz-64QAM-20450-50RB#0



20:40:03 10.06.2023

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



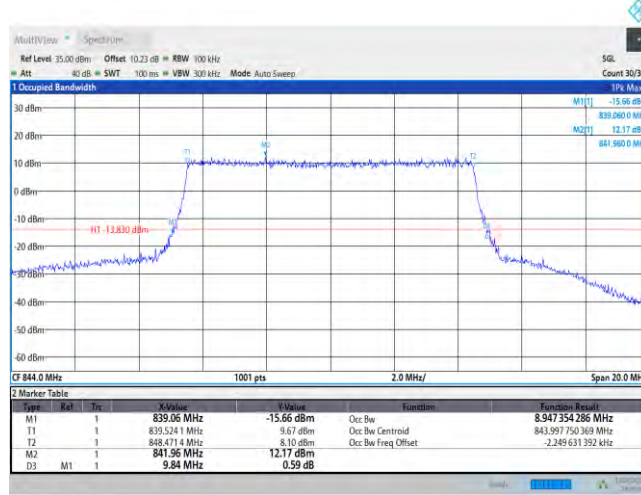
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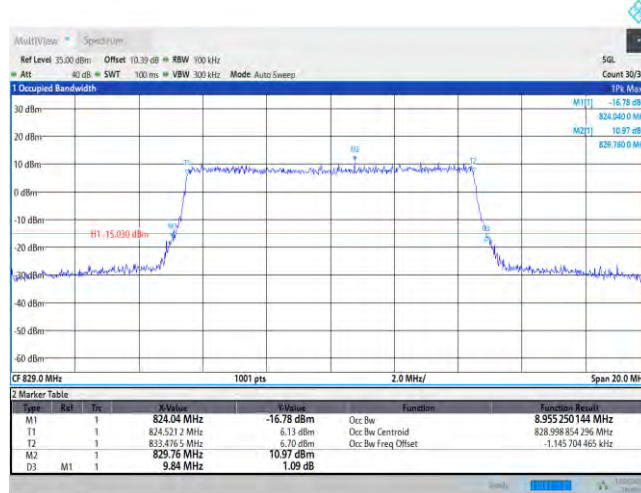
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Band5-10MHz-64QAM-20600-50RB#0



20:45:09 10.06.2023

Band5-10MHz-256QAM-20450-50RB#0



20:40:19 10.06.2023



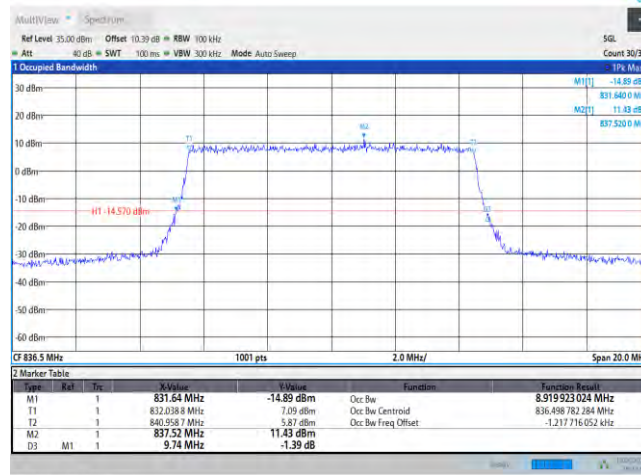
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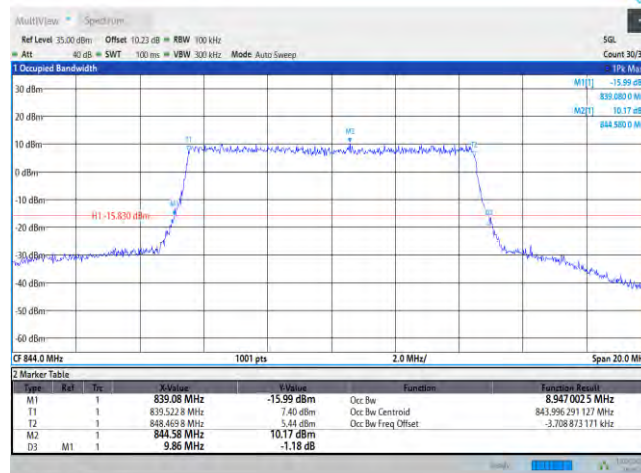
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Band5-10MHz-256QAM-20525-50RB#0



20:42:52 10.06.2023

Band5-10MHz-256QAM-20600-50RB#0



20:45:26 10.06.2023



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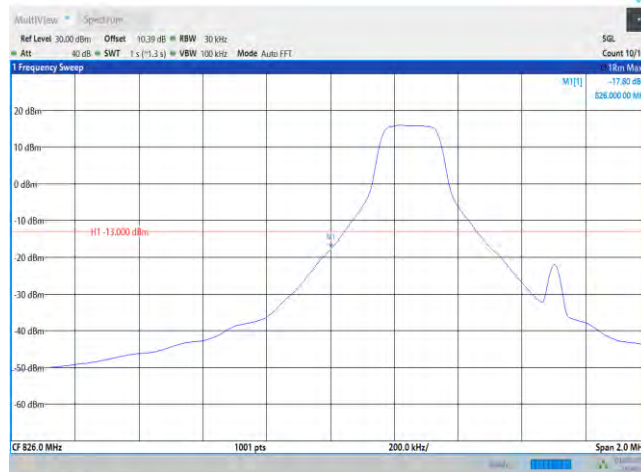
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Band Edge

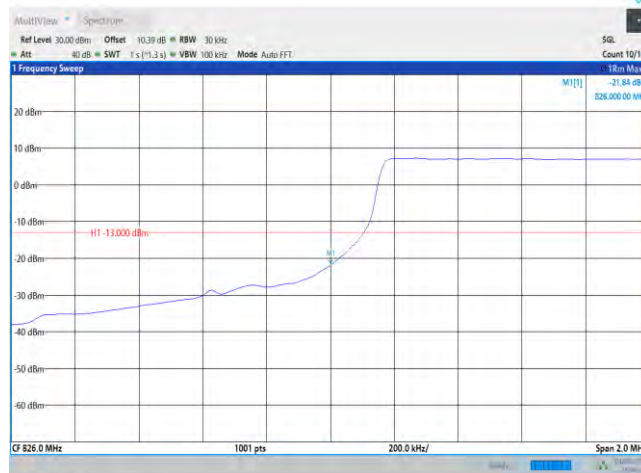
Test Graphs

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



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



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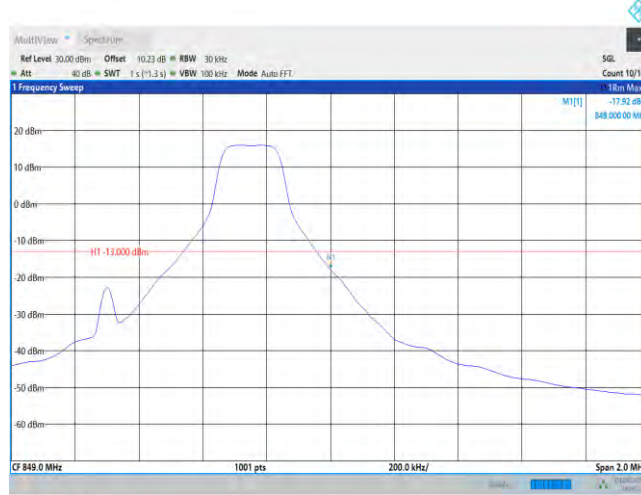
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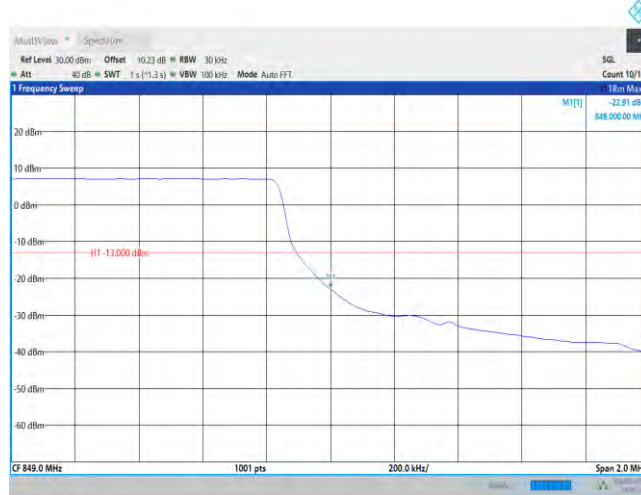
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Band5-1.4MHz-QPSK-20643-1RB#5



20:45:17 04.06.2023

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



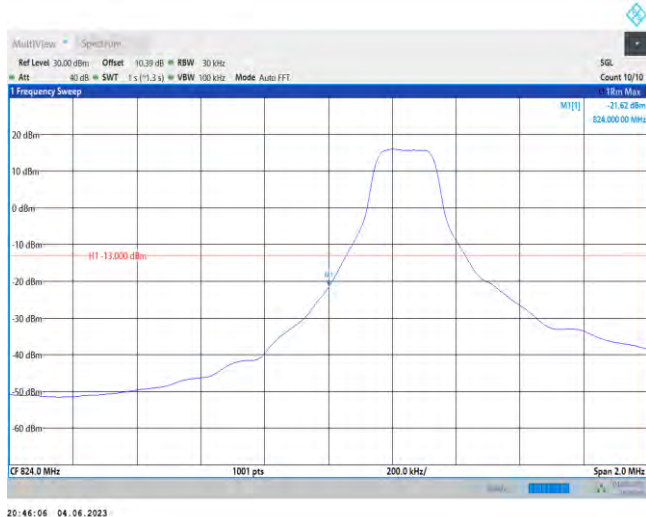
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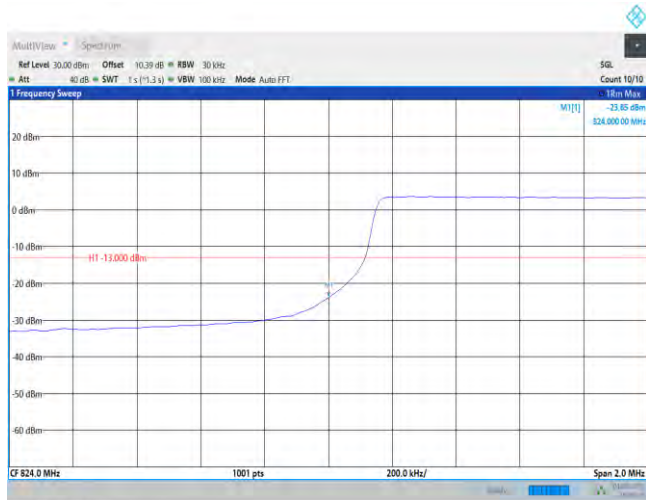
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Band5-3MHz-QPSK-20415-1RB#0



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



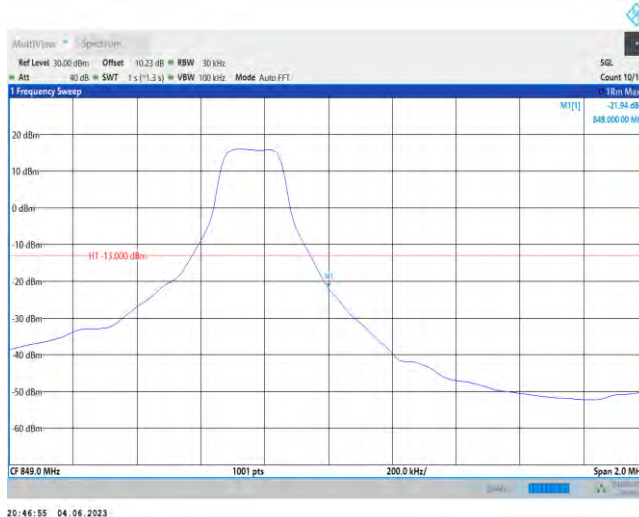
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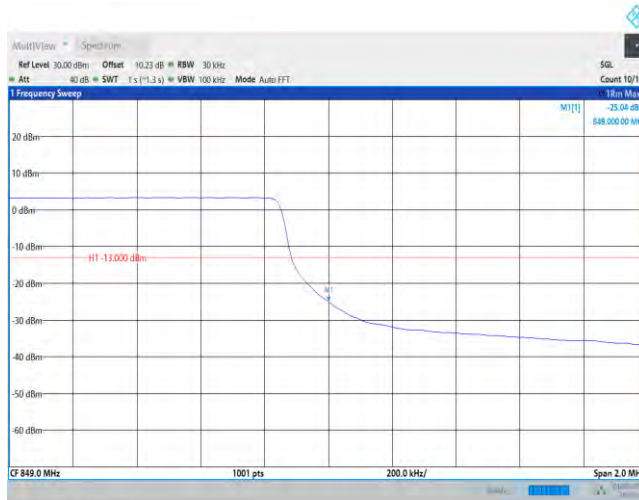
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Band5-3MHz-QPSK-20635-1RB#14



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



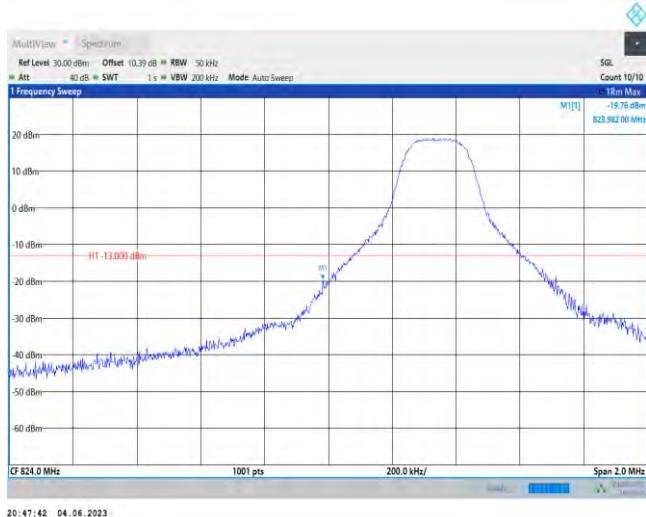
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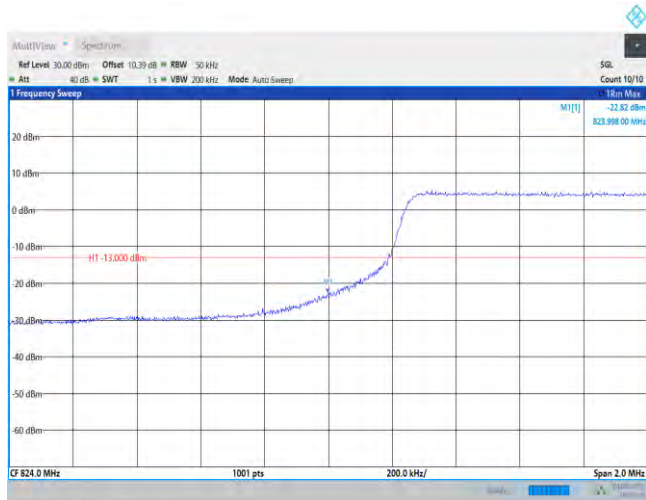
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Band5-5MHz-QPSK-20425-1RB#0



20:47:42 04.06.2023

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



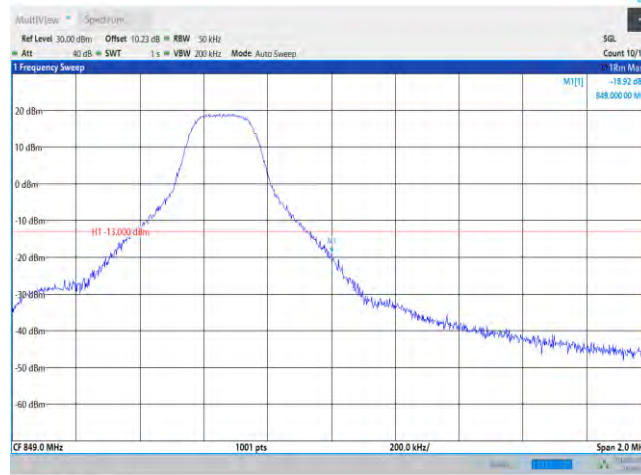
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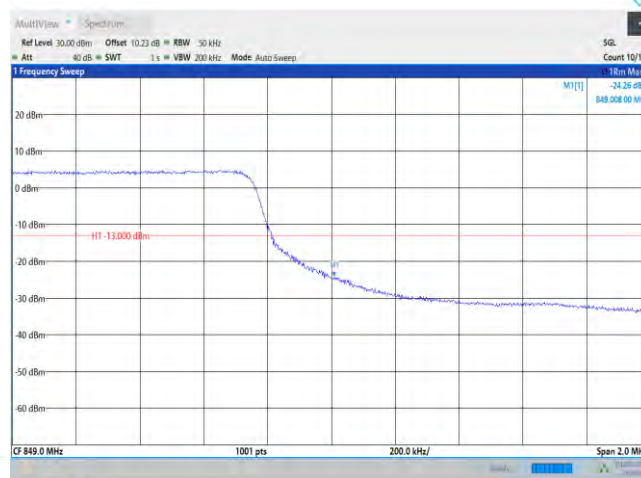
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Band5-5MHz-QPSK-20625-1RB#24



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



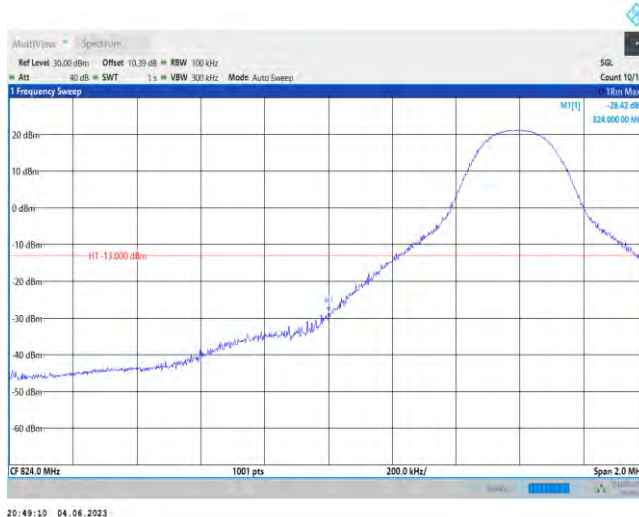
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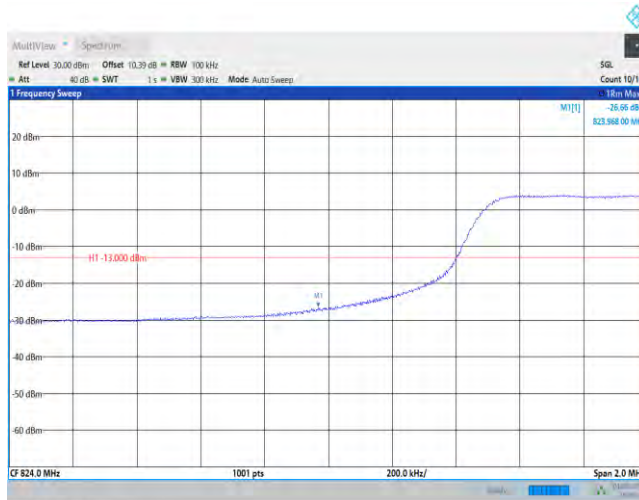
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Band5-10MHz-QPSK-20450-1RB#0



20:49:10 04.06.2023

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



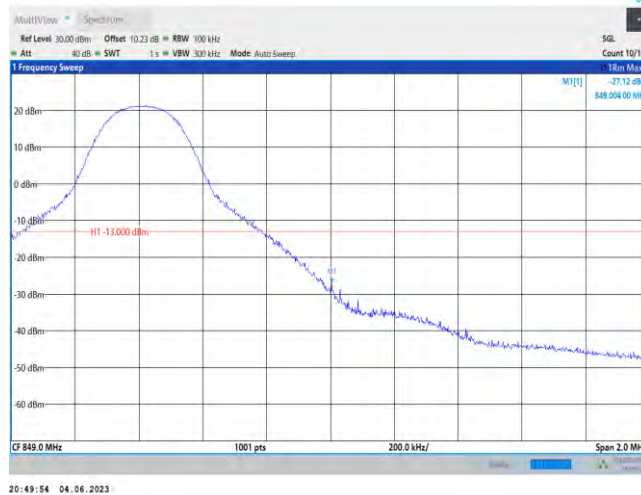
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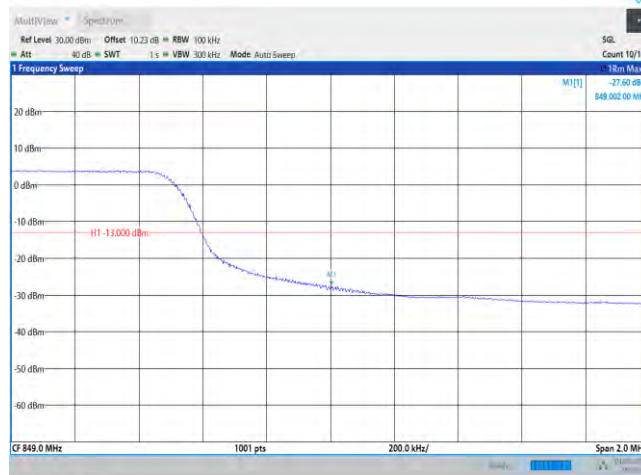
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Band5-10MHz-QPSK-20600-1RB#49



20:49:54 04.06.2023

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



20:50:08 04.06.2023



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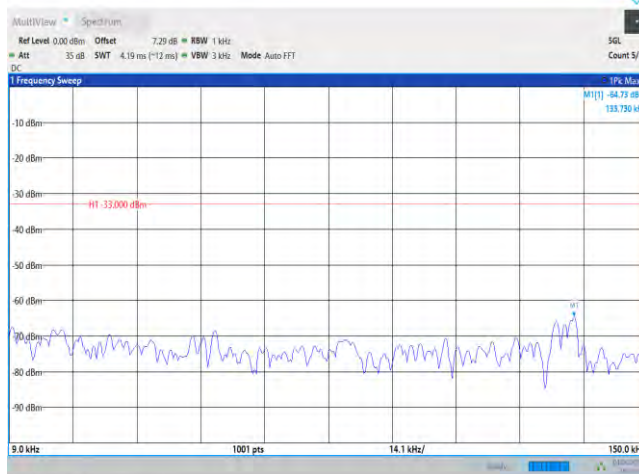
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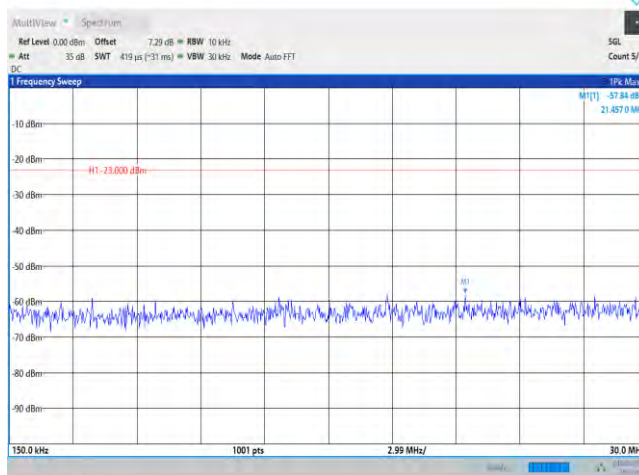
Conducted Spurious Emission

Test Graphs

Band5-10MHz-QPSK-20450-1RB#0-Range1:0.009~0.15MHz



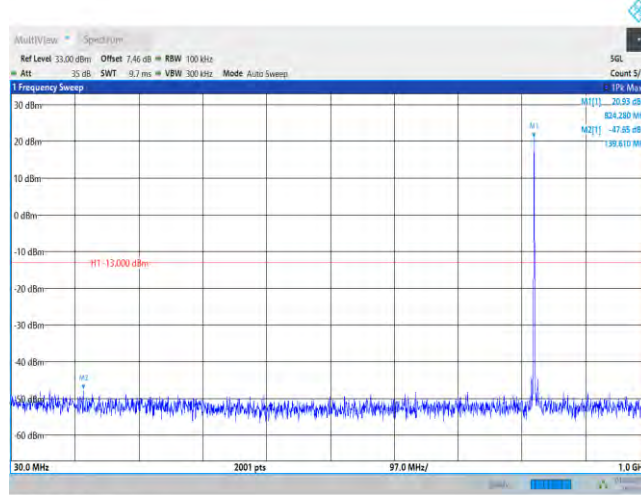
Band5-10MHz-QPSK-20450-1RB#0-Range2:0.15~30MHz



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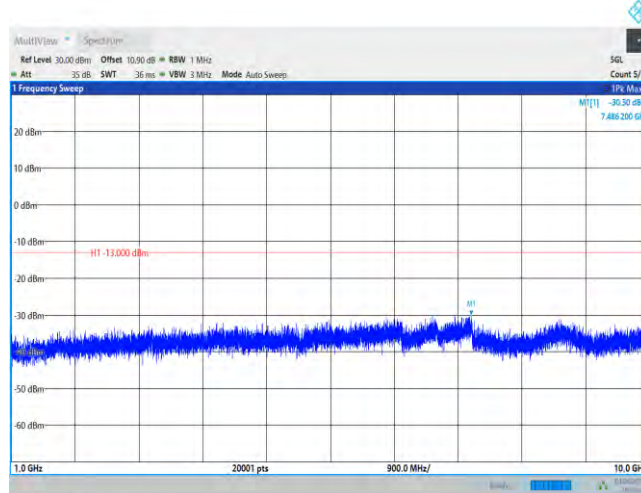
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Band5-10MHz-QPSK-20450-1RB#0-Range3:30~1000MHz



20:41:53 04.06.2023

Band5-10MHz-QPSK-20450-1RB#0-Range4:1000~10000MHz



20:42:01 04.06.2023



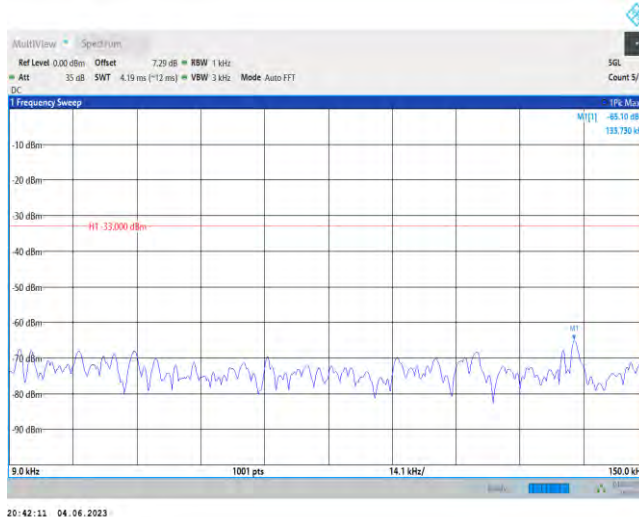
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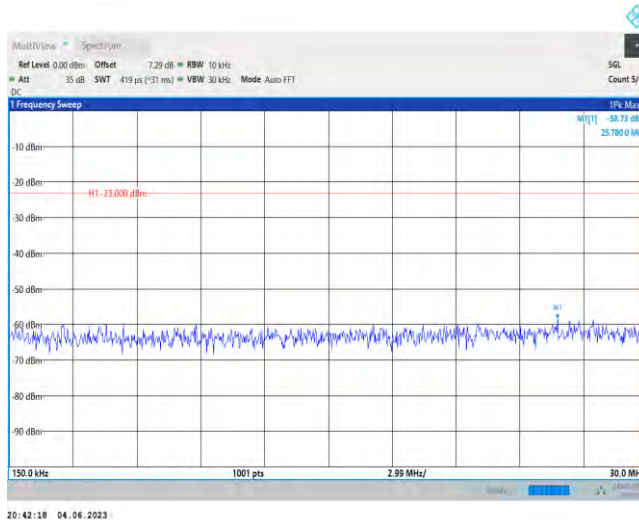
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Band5-10MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



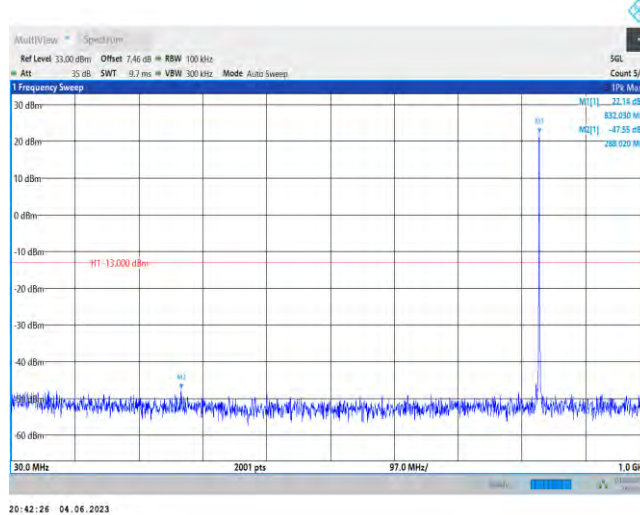
Band5-10MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



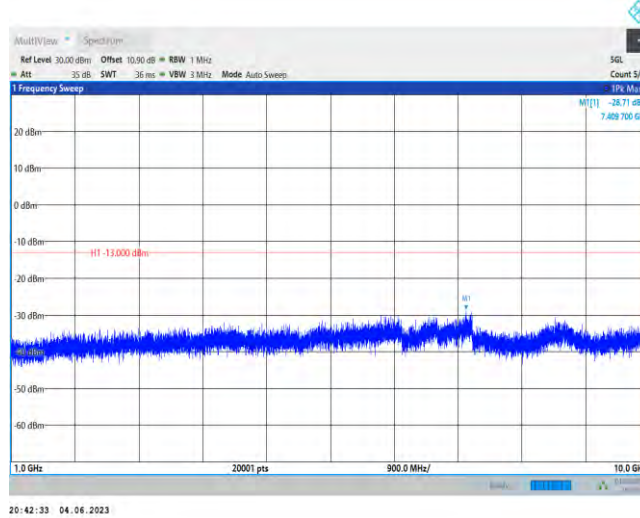
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Band5-10MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



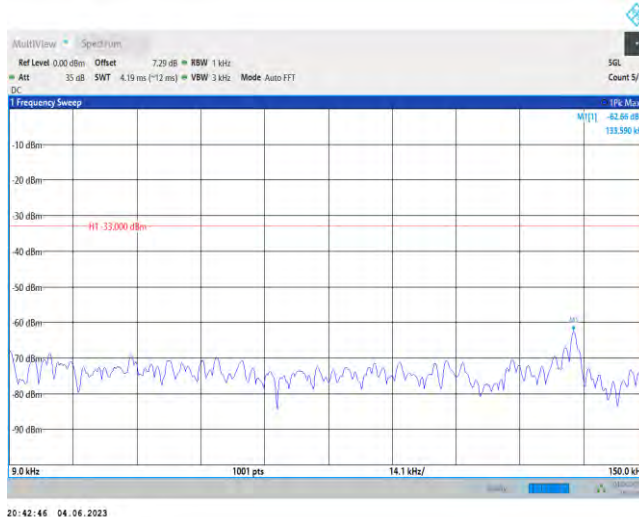
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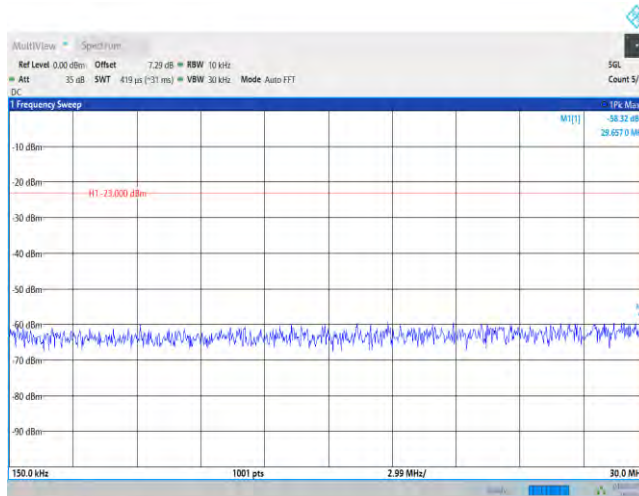
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Band5-10MHz-QPSK-20600-1RB#0-Range1:0.009~0.15MHz



20:42:46 04.06.2023

Band5-10MHz-QPSK-20600-1RB#0-Range2:0.15~30MHz



20:42:53 04.06.2023

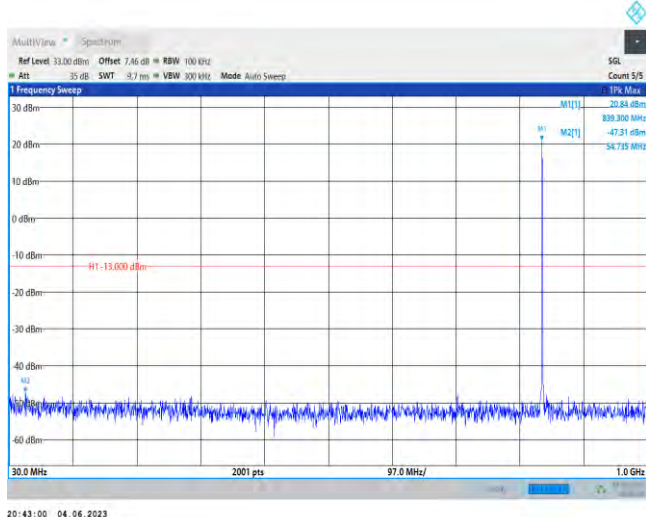


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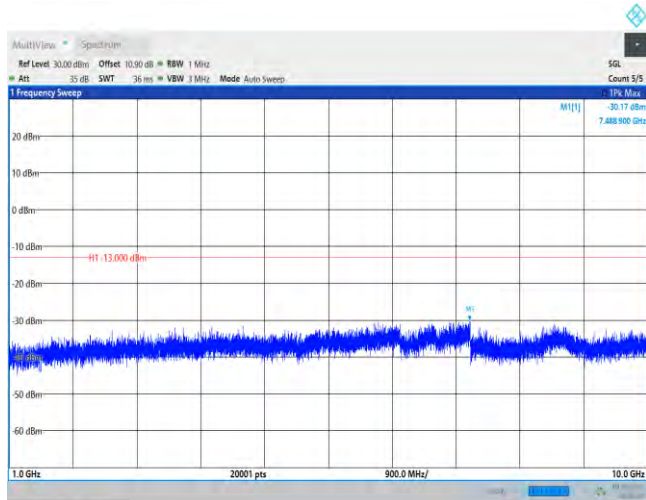
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Band5-10MHz-QPSK-20600-1RB#0-Range3:30~1000MHz



20:43:00 04.06.2023

Band5-10MHz-QPSK-20600-1RB#0-Range4:1000~10000MHz



20:43:08 04.06.2023



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Field Strength of Spurious Radiation(Worse)

Test Band = LTE Band5_ TM1_10MHz

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1429	68.51	-48.22	25.27	-49.70	-13.00	36.70	112	250	Horizontal
2	2473.7143	47.55	-47.32	27.23	-67.80	-13.00	54.80	155	356	Horizontal
3	3298.3600	42.85	-46.68	28.48	-70.61	-13.00	57.61	163	329	Horizontal
4	4122.9500	41.99	-45.91	29.40	-69.79	-13.00	56.79	215	222	Horizontal
5	4947.5400	42.41	-45.69	31.29	-67.25	-13.00	54.25	287	329	Horizontal
6	5772.1300	40.33	-44.64	32.65	-66.91	-13.00	53.91	145	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.1429	57.32	-48.22	25.27	-60.89	-13.00	47.89	112	72	Vertical
2	2473.7700	43.17	-47.32	27.23	-72.18	-13.00	59.18	145	97	Vertical
3	3298.3600	43.30	-46.68	28.48	-70.16	-13.00	57.16	163	150	Vertical
4	4122.8571	45.73	-45.91	29.39	-66.05	-13.00	53.05	187	111	Vertical
5	4947.5400	42.96	-45.69	31.29	-66.70	-13.00	53.70	263	31	Vertical
6	5772.1300	41.08	-44.64	32.65	-66.16	-13.00	53.16	194	269	Vertical



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Test Band = LTE Band5_ TM1_10MHz

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	43.83	-48.20	25.30	-74.34	-13.00	61.34	112	24	Horizontal
2	2496.2700	42.98	-47.28	27.29	-72.27	-13.00	59.27	163	129	Horizontal
3	3328.3600	43.04	-46.64	28.50	-70.36	-13.00	57.36	158	288	Horizontal
4	4160.4500	41.37	-45.94	29.49	-70.34	-13.00	57.34	251	170	Horizontal
5	4992.5400	41.48	-45.79	31.38	-68.19	-13.00	55.19	142	359	Horizontal
6	5824.6300	40.22	-44.74	32.67	-67.11	-13.00	54.11	223	288	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	43.23	-48.20	25.30	-74.94	-13.00	61.94	122	173	Vertical
2	2496.2700	43.47	-47.28	27.29	-71.78	-13.00	58.78	147	356	Vertical
3	3328.3600	42.87	-46.64	28.50	-70.53	-13.00	57.53	231	228	Vertical
4	4160.4500	42.03	-45.94	29.49	-69.68	-13.00	56.68	126	121	Vertical
5	4992.5400	41.36	-45.79	31.38	-68.31	-13.00	55.31	159	135	Vertical
6	5824.6300	40.47	-44.74	32.67	-66.86	-13.00	53.86	231	256	Vertical



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Test Band = LTE Band5_ TM1_10MHz

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	67.67	-48.18	25.32	-50.46	-13.00	37.46	122	159	Horizontal
2	2518.7700	46.42	-47.21	27.34	-68.71	-13.00	55.71	187	4	Horizontal
3	3358.3600	42.99	-46.60	28.52	-70.35	-13.00	57.35	163	120	Horizontal
4	4197.9500	44.91	-45.96	29.58	-66.73	-13.00	53.73	245	302	Horizontal
5	5037.5400	43.16	-45.65	31.49	-66.26	-13.00	53.26	196	264	Horizontal
6	5887.1300	40.90	-44.93	32.68	-66.61	-13.00	53.61	213	358	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	53.00	-48.18	25.32	-65.13	-13.00	52.13	152	148	Vertical
2	2518.7700	44.91	-47.21	27.34	-70.22	-13.00	57.22	147	97	Vertical
3	3358.2857	47.41	-46.60	28.51	-65.93	-13.00	52.93	163	1	Vertical
4	4197.9500	46.27	-45.96	29.58	-65.37	-13.00	52.37	188	123	Vertical
5	5037.5400	43.20	-45.65	31.49	-66.22	-13.00	53.22	213	44	Vertical
6	5887.1300	40.26	-44.93	32.68	-67.25	-13.00	54.25	245	44	Vertical



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Test Band = 5A_7A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4563	43.91	-45.68	30.44	-66.60	-25.00	41.60	188	357	Horizontal
2	5706.5	42.68	-44.84	32.64	-64.78	-25.00	39.78	142	144	Horizontal
3	7368.5	42.22	-43.52	36.23	-60.33	-25.00	35.33	103	234	Horizontal
4	8342.5	41.34	-41.77	36.63	-59.06	-25.00	34.06	265	180	Horizontal
5	9962	38.26	-39.27	38.13	-58.15	-25.00	33.15	195	251	Horizontal
6	12525.5	35.60	-37.12	38.96	-57.82	-25.00	32.82	152	234	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4420.5	43.98	-45.80	30.11	-66.97	-25.00	41.97	174	4	Vertical
2	5567.5	43.60	-45.13	32.61	-64.17	-25.00	39.17	162	108	Vertical
3	6786.5	42.75	-44.12	34.82	-61.82	-25.00	36.82	159	37	Vertical
4	7449.5	42.48	-43.28	36.46	-59.60	-25.00	34.60	192	198	Vertical
5	9979	38.17	-39.26	38.16	-58.19	-25.00	33.19	180	55	Vertical
6	12104.5	36.40	-37.35	38.83	-57.38	-25.00	32.38	122	37	Vertical



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Test Band = 5A_7A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4242.5	44.13	-45.67	29.68	-67.12	-25.00	42.12	246	200	Horizontal
2	5538.5	43.39	-45.17	32.61	-64.44	-25.00	39.44	159	72	Horizontal
3	6970	42.42	-43.72	35.15	-61.41	-25.00	36.41	182	1	Horizontal
4	7867.5	41.70	-42.65	36.75	-59.47	-25.00	34.47	136	236	Horizontal
5	9409.5	39.44	-39.87	37.08	-58.61	-25.00	33.61	251	126	Horizontal
6	11313.5	36.65	-37.41	38.73	-57.29	-25.00	32.29	147	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4923	44.72	-45.56	31.23	-64.86	-25.00	39.86	244	352	Vertical
2	5875	43.50	-44.92	32.68	-64.00	-25.00	39.00	100	270	Vertical
3	7360.5	41.86	-43.54	36.21	-60.73	-25.00	35.73	186	4	Vertical
4	8341	41.68	-41.78	36.63	-58.73	-25.00	33.73	152	288	Vertical
5	9423.5	39.17	-39.92	37.10	-58.91	-25.00	33.91	147	358	Vertical
6	10356.5	37.19	-39.04	38.38	-58.74	-25.00	33.74	173	324	Vertical



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Test Band = 5A_7A_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4516.5	43.73	-45.70	30.34	-66.90	-25.00	41.90	158	160	Horizontal
2	5219	43.02	-45.24	31.93	-65.56	-25.00	40.56	147	342	Horizontal
3	6999	41.92	-43.56	35.20	-61.70	-25.00	36.70	111	8	Horizontal
4	8334.5	41.74	-41.82	36.63	-58.70	-25.00	33.70	129	72	Horizontal
5	10339	37.19	-39.06	38.37	-58.76	-25.00	33.76	185	108	Horizontal
6	13233.5	35.50	-37.09	39.52	-57.33	-25.00	32.33	163	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4561	44.12	-45.69	30.43	-66.39	-25.00	41.39	157	54	Vertical
2	6757.5	42.50	-44.02	34.76	-62.01	-25.00	37.01	156	88	Vertical
3	8341.5	41.63	-41.78	36.63	-58.78	-25.00	33.78	231	179	Vertical
4	9325.5	40.24	-40.12	36.92	-58.22	-25.00	33.22	148	342	Vertical
5	11895	35.56	-37.09	38.79	-58.00	-25.00	33.00	192	108	Vertical
6	12712.5	35.91	-36.70	39.01	-57.04	-25.00	32.04	125	234	Vertical



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Test Band = 5A_66A_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4931.25	42.55	-45.56	31.25	-67.03	-13.00	54.03	245	226	Horizontal
2	6350.25	41.12	-44.47	33.82	-64.79	-13.00	51.79	165	272	Horizontal
3	7338.75	41.30	-43.62	36.15	-61.43	-13.00	48.43	185	135	Horizontal
4	9261	37.28	-40.23	36.80	-61.42	-13.00	48.42	149	3	Horizontal
5	10372.5	36.28	-39.03	38.39	-59.63	-13.00	46.63	176	166	Horizontal
6	12664.5	35.06	-37.01	39.00	-58.21	-13.00	45.21	138	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4102.5	42.15	-45.76	29.35	-69.52	-13.00	56.52	111	330	Vertical
2	5247.75	41.83	-45.19	31.99	-66.62	-13.00	53.62	156	90	Vertical
3	6940.5	41.14	-43.88	35.09	-62.90	-13.00	49.90	148	316	Vertical
4	8389.5	40.06	-41.51	36.61	-60.10	-13.00	47.10	133	150	Vertical
5	10022.25	35.86	-39.21	38.21	-60.40	-13.00	47.40	259	73	Vertical
6	12468	34.66	-37.15	38.94	-58.80	-13.00	45.80	210	209	Vertical



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Test Band = 5A_66A_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5192.25	41.35	-45.29	31.86	-67.34	-13.00	54.34	125	195	Horizontal
2	6624.75	41.35	-44.22	34.52	-63.60	-13.00	50.60	188	239	Horizontal
3	7422.75	40.92	-43.35	36.38	-61.30	-13.00	48.30	176	0	Horizontal
4	9766.5	36.29	-39.47	37.76	-60.68	-13.00	47.68	256	150	Horizontal
5	9979.5	36.38	-39.26	38.16	-59.98	-13.00	46.98	132	89	Horizontal
6	11273.25	34.60	-37.41	38.73	-59.34	-13.00	46.34	154	60	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3598.5	43.08	-46.13	28.70	-69.61	-13.00	56.61	244	30	Vertical
2	4243.5	42.17	-45.67	29.68	-69.08	-13.00	56.08	186	352	Vertical
3	5264.25	41.60	-45.16	32.03	-66.78	-13.00	53.78	192	255	Vertical
4	6105	41.72	-44.47	33.04	-64.97	-13.00	51.97	175	14	Vertical
5	7422.75	40.75	-43.35	36.38	-61.47	-13.00	48.47	132	194	Vertical
6	9432.75	37.37	-39.96	37.12	-60.73	-13.00	47.73	122	44	Vertical



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Test Band = 5A_66A_TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4581.75	42.10	-45.68	30.48	-68.36	-13.00	55.36	148	165	Horizontal
2	6091.5	41.10	-44.48	32.99	-65.65	-13.00	52.65	159	0	Horizontal
3	6967.5	40.49	-43.73	35.14	-63.36	-13.00	50.36	191	0	Horizontal
4	7855.5	39.95	-42.59	36.74	-61.16	-13.00	48.16	172	330	Horizontal
5	8740.5	38.91	-41.51	36.43	-61.43	-13.00	48.43	153	76	Horizontal
6	11820	34.11	-36.97	38.78	-59.34	-13.00	46.34	144	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4921.5	42.30	-45.55	31.23	-67.29	-13.00	54.29	211	134	Vertical
2	6937.5	41.20	-43.89	35.09	-62.87	-13.00	49.87	154	165	Vertical
3	8862.75	38.86	-41.24	36.37	-61.28	-13.00	48.28	166	269	Vertical
4	10058.25	36.14	-39.17	38.23	-60.06	-13.00	47.06	253	4	Vertical
5	11605.5	34.47	-36.90	38.76	-58.93	-13.00	45.93	219	240	Vertical
6	12709.5	34.48	-36.69	39.01	-58.46	-13.00	45.46	183	148	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-2.53	-0.003025	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.96	-0.004734	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-2.53	-0.003025	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	-3.26	-0.003897	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-4.56	-0.005451	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-5.35	-0.006396	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-4.19	-0.005009	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-4.13	-0.004937	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-4.48	-0.005356	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-5.18	-0.006192	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-3.72	-0.004447	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-6.02	-0.007197	±2.5	PASS

---End of Attachment---



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