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Appendix B.11

LTE Band 26(824-849)



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	24.44	18.79	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	24.45	18.80	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	24.40	18.75	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	23.38	17.73	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	24.42	18.77	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	24.43	18.78	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	24.41	18.76	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	23.36	17.71	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	24.32	18.67	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	24.31	18.66	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	24.34	18.69	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	23.25	17.60	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	23.70	18.05	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	23.71	18.06	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	23.55	17.90	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	22.43	16.78	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	23.65	18.00	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	23.62	17.97	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	23.61	17.96	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	22.50	16.85	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	23.52	17.87	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	23.44	17.79	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	23.53	17.88	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	22.33	16.68	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#0	22.58	16.93	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#2	22.58	16.93	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#5	22.51	16.86	38.45	PASS



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Band26	1.4MHz	64QAM	26797	6RB#0	21.31	15.66	38.45	PASS
Band26	1.4MHz	64QAM	26915	1RB#0	22.54	16.89	38.45	PASS
Band26	1.4MHz	64QAM	26915	1RB#2	22.47	16.82	38.45	PASS
Band26	1.4MHz	64QAM	26915	1RB#5	22.59	16.94	38.45	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	21.37	15.72	38.45	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	22.41	16.76	38.45	PASS
Band26	1.4MHz	64QAM	27033	1RB#2	22.39	16.74	38.45	PASS
Band26	1.4MHz	64QAM	27033	1RB#5	22.34	16.69	38.45	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	21.22	15.57	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	24.46	18.81	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	24.44	18.79	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	24.44	18.79	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	23.38	17.73	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	24.51	18.86	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	24.47	18.82	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	24.46	18.81	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	23.47	17.82	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	24.36	18.71	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	24.35	18.70	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	24.34	18.69	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	23.31	17.66	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	23.71	18.06	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	23.64	17.99	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	23.63	17.98	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	22.46	16.81	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	23.75	18.10	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	23.73	18.08	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	23.57	17.92	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	22.48	16.83	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	23.65	18.00	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	23.49	17.84	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	23.51	17.86	38.45	PASS



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Band26	3MHz	16QAM	27025	15RB#0	22.34	16.69	38.45	PASS
Band26	3MHz	64QAM	26805	1RB#0	22.66	17.01	38.45	PASS
Band26	3MHz	64QAM	26805	1RB#8	22.47	16.82	38.45	PASS
Band26	3MHz	64QAM	26805	1RB#14	22.46	16.81	38.45	PASS
Band26	3MHz	64QAM	26805	15RB#0	21.32	15.67	38.45	PASS
Band26	3MHz	64QAM	26915	1RB#0	22.58	16.93	38.45	PASS
Band26	3MHz	64QAM	26915	1RB#8	22.57	16.92	38.45	PASS
Band26	3MHz	64QAM	26915	1RB#14	22.55	16.90	38.45	PASS
Band26	3MHz	64QAM	26915	15RB#0	21.45	15.80	38.45	PASS
Band26	3MHz	64QAM	27025	1RB#0	22.46	16.81	38.45	PASS
Band26	3MHz	64QAM	27025	1RB#8	22.44	16.79	38.45	PASS
Band26	3MHz	64QAM	27025	1RB#14	22.41	16.76	38.45	PASS
Band26	3MHz	64QAM	27025	15RB#0	21.30	15.65	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	24.53	18.88	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	24.50	18.85	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	24.56	18.91	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	23.47	17.82	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	24.49	18.84	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	24.52	18.87	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	24.57	18.92	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	23.49	17.84	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	24.39	18.74	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	24.41	18.76	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	24.41	18.76	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	23.32	17.67	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	23.66	18.01	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	23.56	17.91	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	23.78	18.13	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	22.47	16.82	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	23.62	17.97	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	23.72	18.07	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	23.58	17.93	38.45	PASS



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Band26	5MHz	16QAM	26915	25RB#0	22.49	16.84	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	23.49	17.84	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	23.47	17.82	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	23.44	17.79	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	22.37	16.72	38.45	PASS
Band26	5MHz	64QAM	26815	1RB#0	22.57	16.92	38.45	PASS
Band26	5MHz	64QAM	26815	1RB#12	22.58	16.93	38.45	PASS
Band26	5MHz	64QAM	26815	1RB#24	22.69	17.04	38.45	PASS
Band26	5MHz	64QAM	26815	25RB#0	21.48	15.83	38.45	PASS
Band26	5MHz	64QAM	26915	1RB#0	22.60	16.95	38.45	PASS
Band26	5MHz	64QAM	26915	1RB#12	22.61	16.96	38.45	PASS
Band26	5MHz	64QAM	26915	1RB#24	22.54	16.89	38.45	PASS
Band26	5MHz	64QAM	26915	25RB#0	21.46	15.81	38.45	PASS
Band26	5MHz	64QAM	27015	1RB#0	22.51	16.86	38.45	PASS
Band26	5MHz	64QAM	27015	1RB#12	22.43	16.78	38.45	PASS
Band26	5MHz	64QAM	27015	1RB#24	22.45	16.80	38.45	PASS
Band26	5MHz	64QAM	27015	25RB#0	21.32	15.67	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	24.48	18.83	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	24.58	18.93	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	24.50	18.85	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	23.45	17.80	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	24.50	18.85	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	24.55	18.90	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	24.44	18.79	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	23.45	17.80	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	24.41	18.76	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	24.44	18.79	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	24.39	18.74	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	23.40	17.75	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	23.74	18.09	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	23.68	18.03	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	23.69	18.04	38.45	PASS



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Band26	10MHz	16QAM	26840	50RB#0	22.42	16.77	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	23.68	18.03	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	23.67	18.02	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	23.66	18.01	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	22.40	16.75	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	23.64	17.99	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	23.58	17.93	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	23.45	17.80	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	22.40	16.75	38.45	PASS
Band26	10MHz	64QAM	26840	1RB#0	22.61	16.96	38.45	PASS
Band26	10MHz	64QAM	26840	1RB#24	22.66	17.01	38.45	PASS
Band26	10MHz	64QAM	26840	1RB#49	22.61	16.96	38.45	PASS
Band26	10MHz	64QAM	26840	50RB#0	21.42	15.77	38.45	PASS
Band26	10MHz	64QAM	26915	1RB#0	22.54	16.89	38.45	PASS
Band26	10MHz	64QAM	26915	1RB#24	22.61	16.96	38.45	PASS
Band26	10MHz	64QAM	26915	1RB#49	22.50	16.85	38.45	PASS
Band26	10MHz	64QAM	26915	50RB#0	21.43	15.78	38.45	PASS
Band26	10MHz	64QAM	26990	1RB#0	22.49	16.84	38.45	PASS
Band26	10MHz	64QAM	26990	1RB#24	22.52	16.87	38.45	PASS
Band26	10MHz	64QAM	26990	1RB#49	22.47	16.82	38.45	PASS
Band26	10MHz	64QAM	26990	50RB#0	21.33	15.68	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	24.46	18.81	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	24.52	18.87	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	24.50	18.85	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	23.46	17.81	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	24.50	18.85	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	24.51	18.86	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	24.41	18.76	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	23.40	17.75	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	24.33	18.68	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	24.30	18.65	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	24.30	18.65	38.45	PASS



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Band26	15MHz	QPSK	26965	75RB#0	23.36	17.71	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	23.71	18.06	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	23.78	18.13	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	23.71	18.06	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	22.46	16.81	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	23.77	18.12	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	23.71	18.06	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	23.46	17.81	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	22.40	16.75	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	23.49	17.84	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	23.53	17.88	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	23.49	17.84	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	22.29	16.64	38.45	PASS
Band26	15MHz	64QAM	26865	1RB#0	22.65	17.00	38.45	PASS
Band26	15MHz	64QAM	26865	1RB#38	22.64	16.99	38.45	PASS
Band26	15MHz	64QAM	26865	1RB#74	22.62	16.97	38.45	PASS
Band26	15MHz	64QAM	26865	75RB#0	21.42	15.77	38.45	PASS
Band26	15MHz	64QAM	26915	1RB#0	22.60	16.95	38.45	PASS
Band26	15MHz	64QAM	26915	1RB#38	22.54	16.89	38.45	PASS
Band26	15MHz	64QAM	26915	1RB#74	22.52	16.87	38.45	PASS
Band26	15MHz	64QAM	26915	75RB#0	21.44	15.79	38.45	PASS
Band26	15MHz	64QAM	26965	1RB#0	22.42	16.77	38.45	PASS
Band26	15MHz	64QAM	26965	1RB#38	22.46	16.81	38.45	PASS
Band26	15MHz	64QAM	26965	1RB#74	22.43	16.78	38.45	PASS
Band26	15MHz	64QAM	26965	75RB#0	21.30	15.65	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
Band26	15MHz	QPSK	26865	75RB#0	5.24	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	5.22	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	5.30	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	5.96	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	5.88	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	6.00	13	PASS
Band26	15MHz	64QAM	26865	75RB#0	6.20	13	PASS
Band26	15MHz	64QAM	26915	75RB#0	6.24	13	PASS
Band26	15MHz	64QAM	26965	75RB#0	6.32	13	PASS



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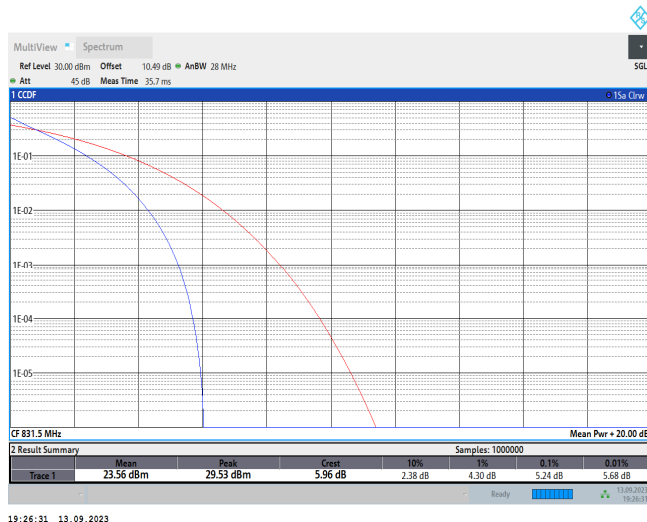
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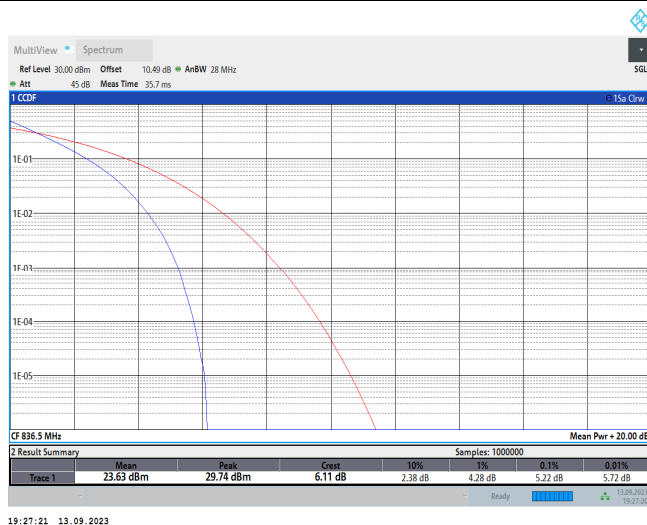
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Test Graphs

Band26-15MHz-QPSK-26865-75RB#0



Band26-15MHz-QPSK-26915-75RB#0

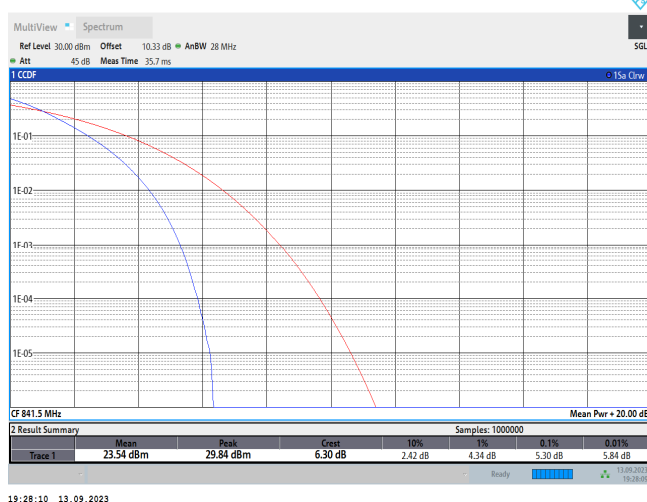


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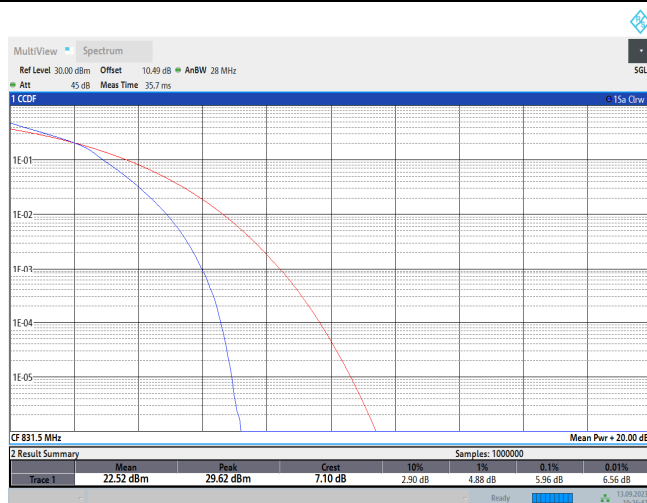
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Band26-15MHz-QPSK-26965-75RB#0



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Band26-15MHz-16QAM-26865-75RB#0



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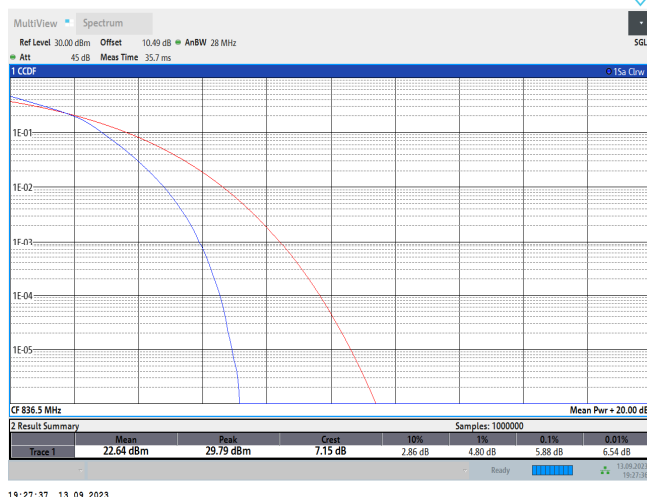
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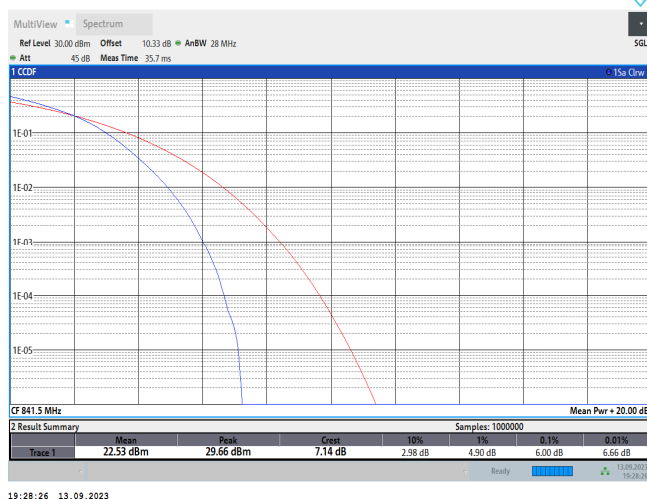
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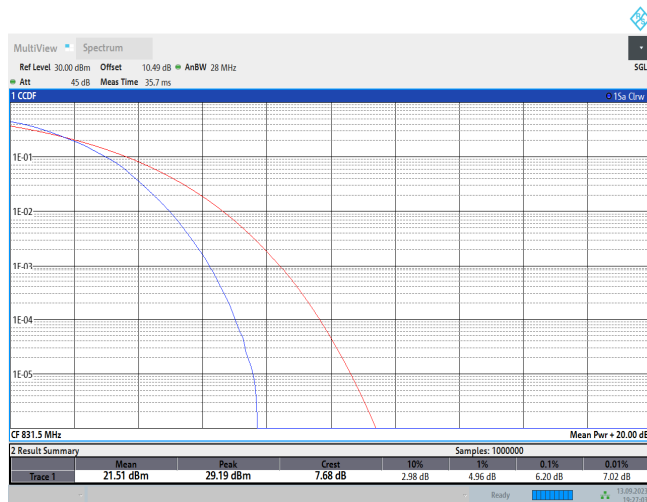
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Band26-15MHz-64QAM-26865-75RB#0



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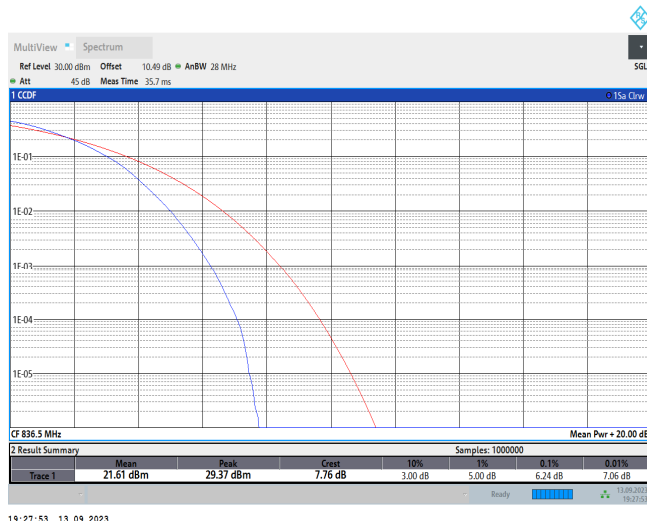
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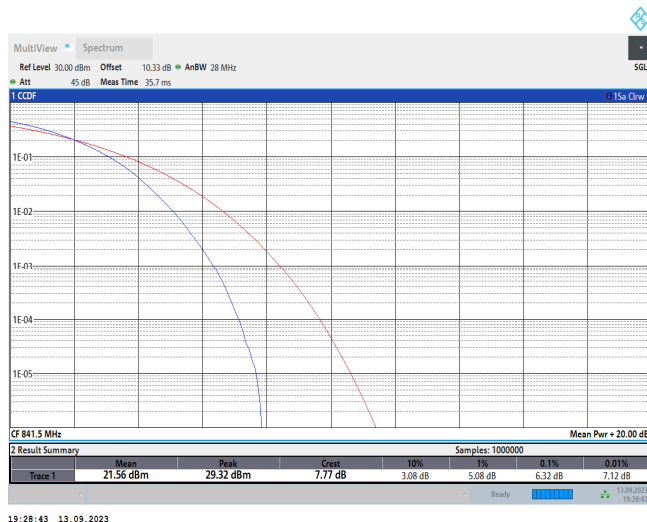
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Band26-15MHz-64QAM-26915-75RB#0



Band26-15MHz-64QAM-26965-75RB#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
Band26	1.4MHz	QPSK	26797	6RB#0	1.088	1.25	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.087	1.28	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.087	1.28	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.099	1.32	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.1	1.31	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.099	1.31	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	1.098	1.31	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	1.099	1.32	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	1.099	1.31	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.691	2.92	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.694	3.05	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.687	2.93	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.683	2.93	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.683	2.93	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.68	2.94	PASS
Band26	3MHz	64QAM	26805	15RB#0	2.689	2.93	PASS
Band26	3MHz	64QAM	26915	15RB#0	2.687	2.93	PASS
Band26	3MHz	64QAM	27025	15RB#0	2.686	2.92	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.469	4.85	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.469	4.90	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.467	4.86	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.467	4.89	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.471	5.11	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.465	4.89	PASS
Band26	5MHz	64QAM	26815	25RB#0	4.477	4.88	PASS
Band26	5MHz	64QAM	26915	25RB#0	4.476	4.88	PASS
Band26	5MHz	64QAM	27015	25RB#0	4.473	4.89	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.947	9.67	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.95	9.67	PASS



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Band26	10MHz	QPSK	26990	50RB#0	8.928	9.63	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.926	9.57	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.925	9.60	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.92	9.60	PASS
Band26	10MHz	64QAM	26840	50RB#0	8.945	9.67	PASS
Band26	10MHz	64QAM	26915	50RB#0	8.933	9.67	PASS
Band26	10MHz	64QAM	26990	50RB#0	8.927	9.63	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.488	14.75	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.491	14.80	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.466	14.75	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.456	14.90	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.459	14.85	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.457	14.75	PASS
Band26	15MHz	64QAM	26865	75RB#0	13.444	14.80	PASS
Band26	15MHz	64QAM	26915	75RB#0	13.464	14.85	PASS
Band26	15MHz	64QAM	26965	75RB#0	13.451	14.85	PASS



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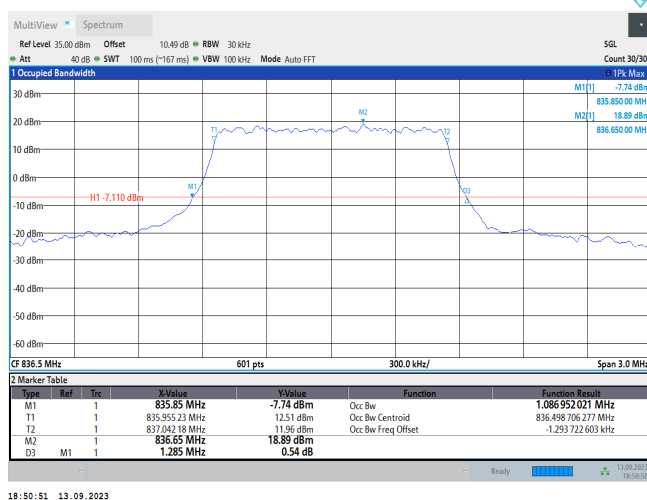
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Test Graphs

Band26-1.4MHz-QPSK-26797-6RB#0



Band26-1.4MHz-QPSK-26915-6RB#0

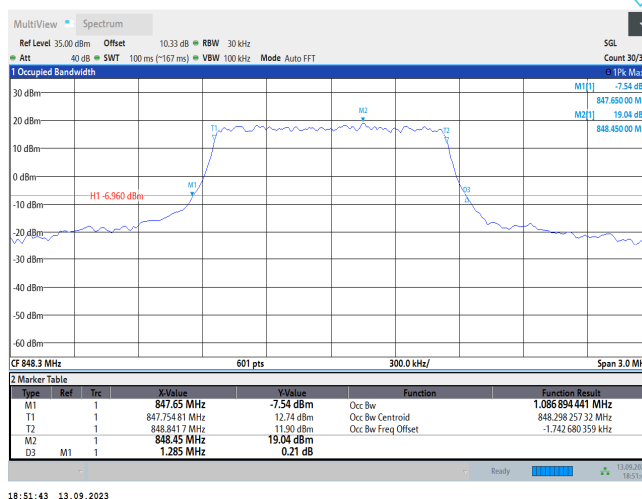


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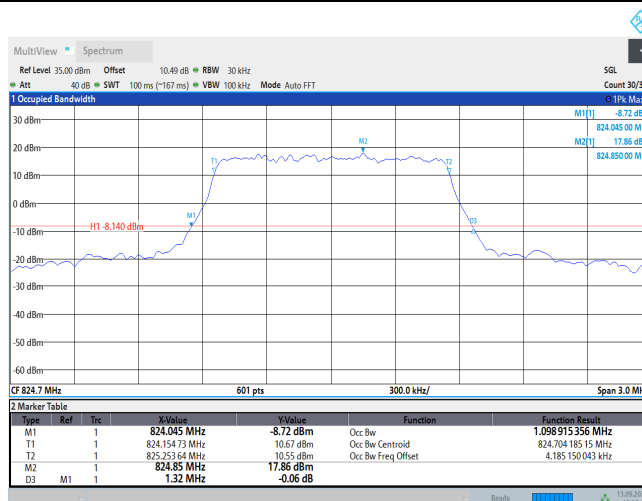
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Band26-1.4MHz-QPSK-27033-6RB#0



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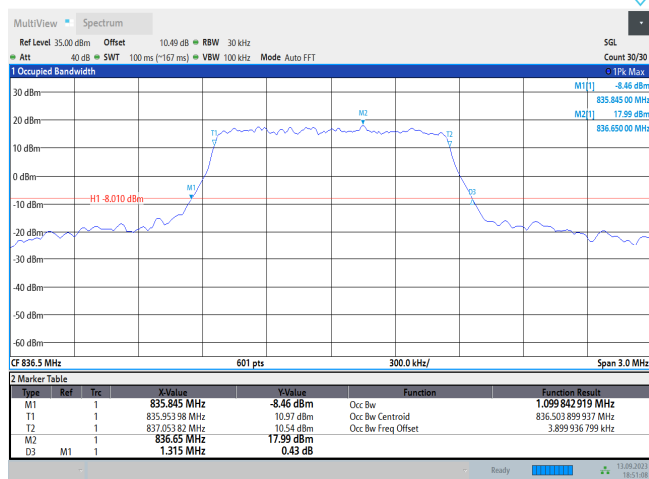
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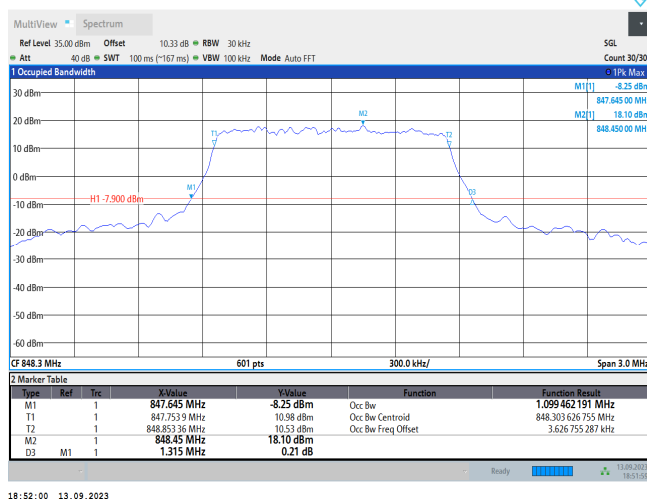
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Rev.: 01

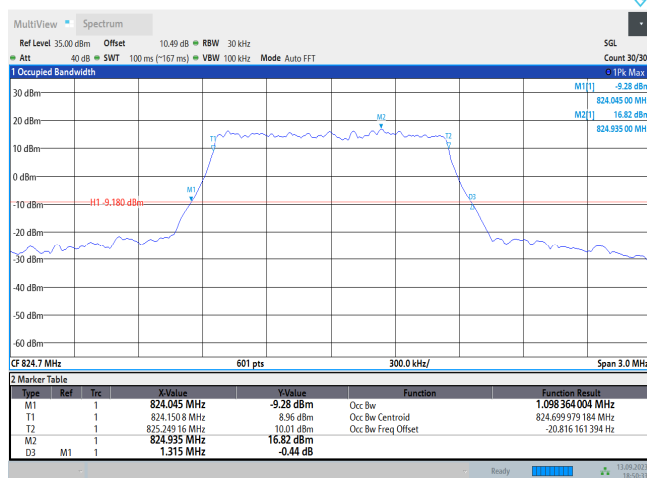
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Band26-1.4MHz-16QAM-27033-6RB#0



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Band26-1.4MHz-64QAM-26797-6RB#0



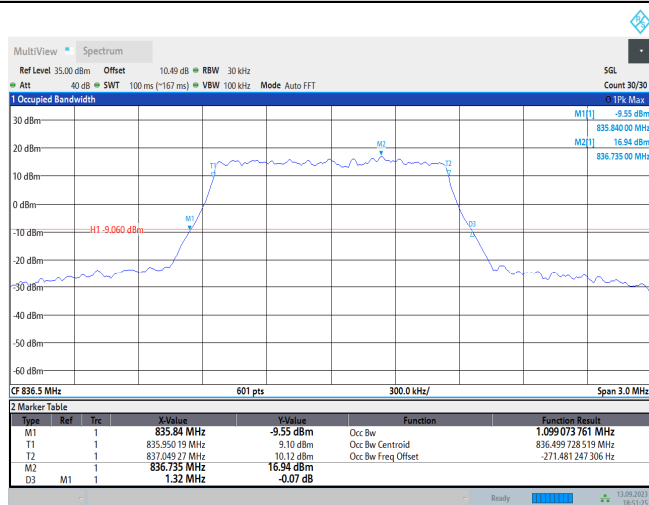
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Band26-1.4MHz-64QAM-26915-6RB#0



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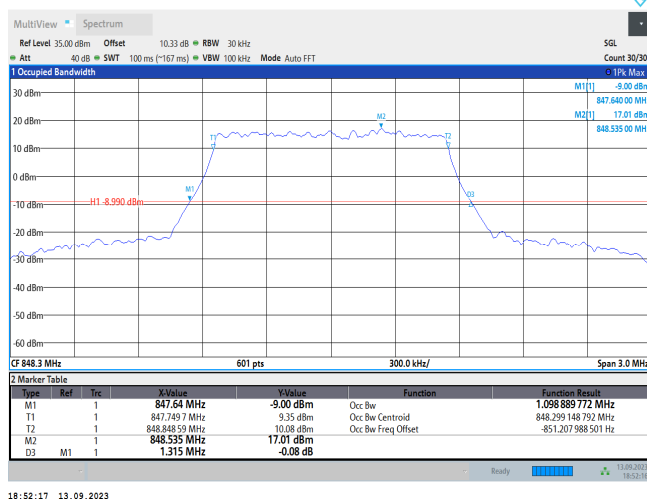
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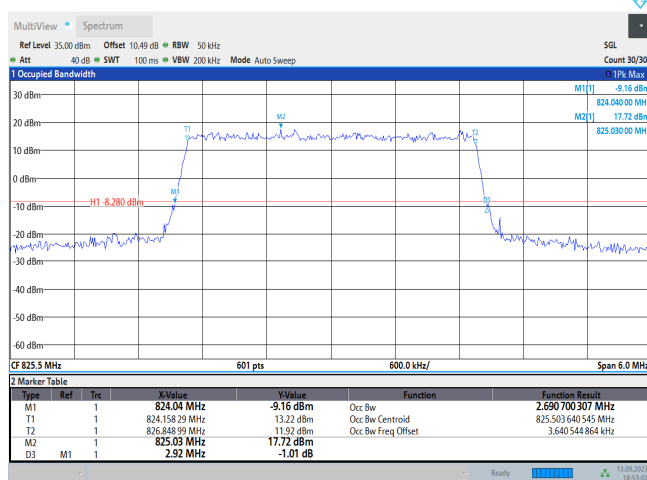
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Band26-1.4MHz-64QAM-27033-6RB#0



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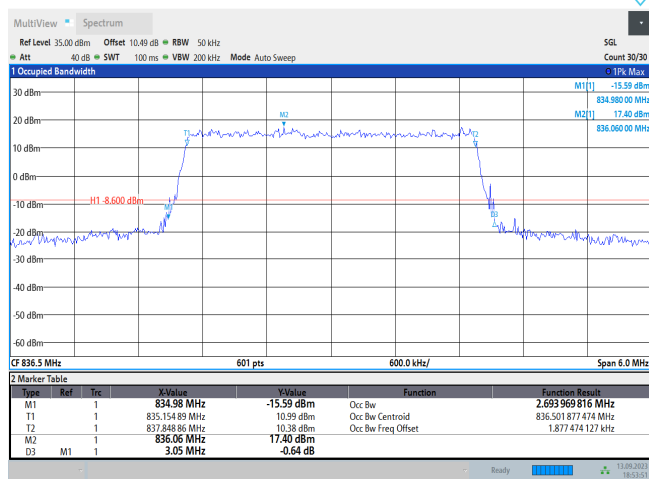
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Band26-3MHz-QPSK-26915-15RB#0



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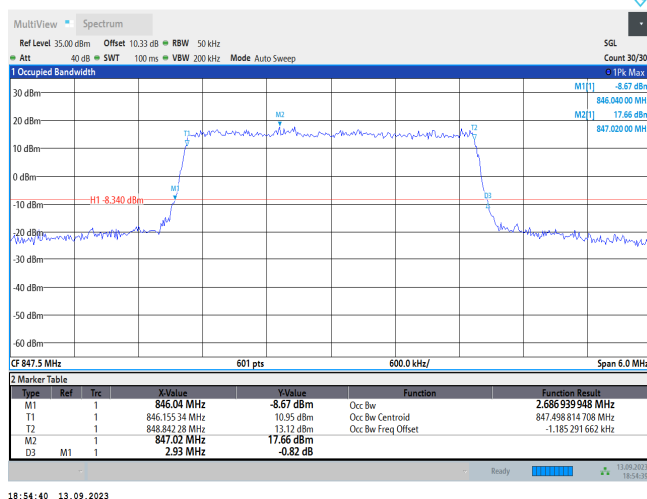
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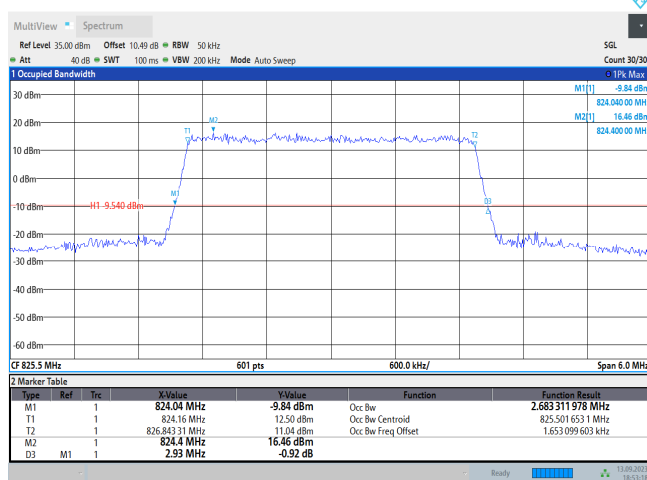
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Band26-3MHz-QPSK-27025-15RB#0



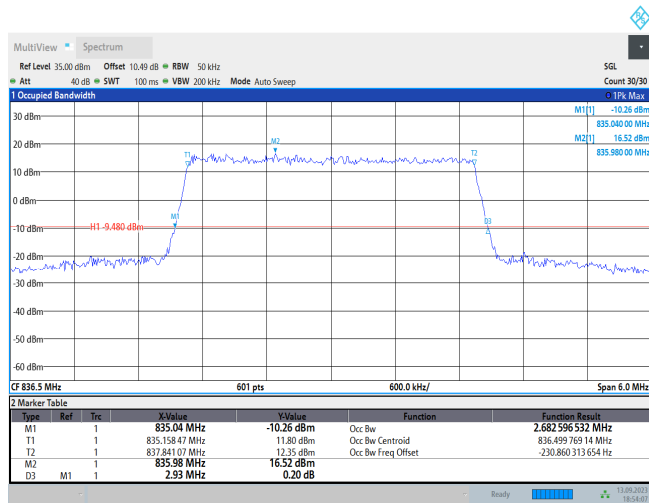
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Band26-3MHz-16QAM-26805-15RB#0



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Band26-3MHz-16QAM-26915-15RB#0



18-54-07 13 09 2023



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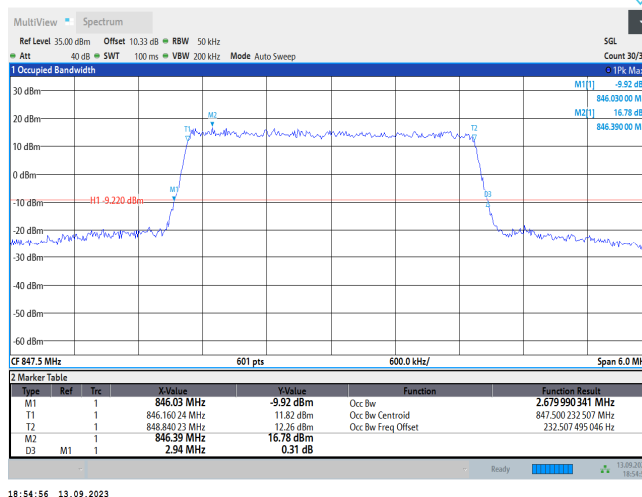


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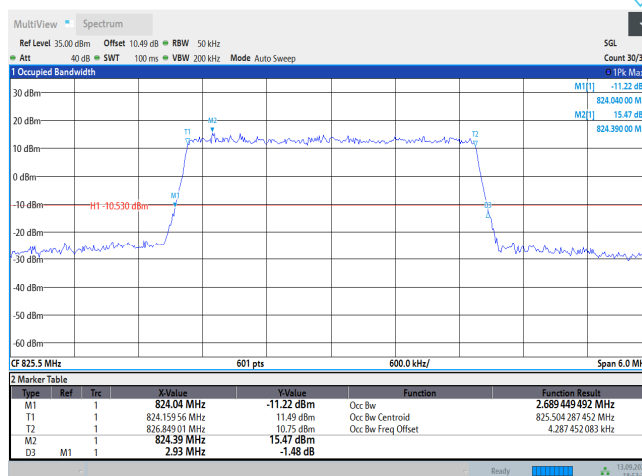
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Band26-3MHz-16QAM-27025-15RB#0



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Band26-3MHz-64QAM-26805-15RB#0



18:53:35 13.09.2023



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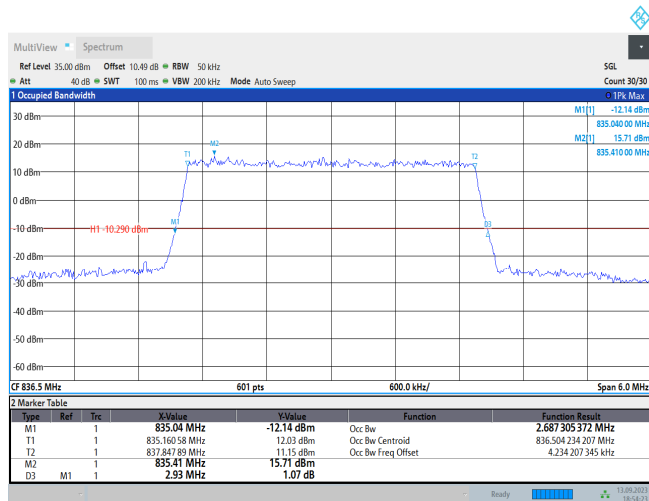
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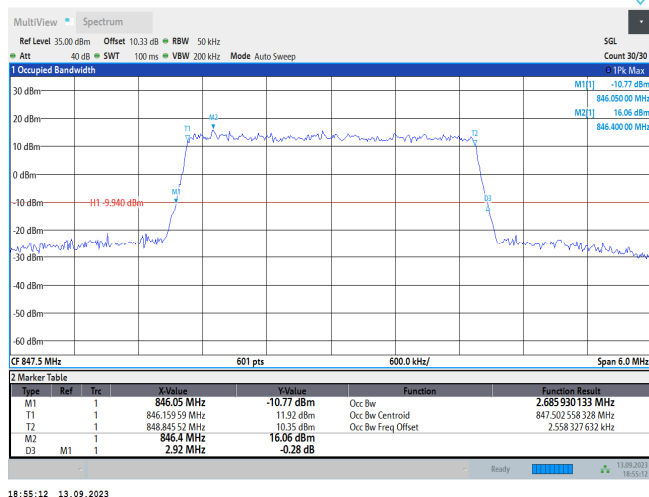
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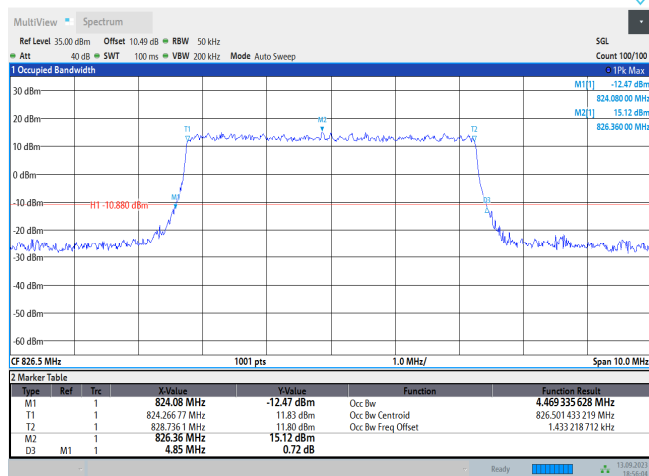
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Band26-3MHz-64QAM-27025-15RB#0



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Band26-5MHz-QPSK-26815-25RB#0



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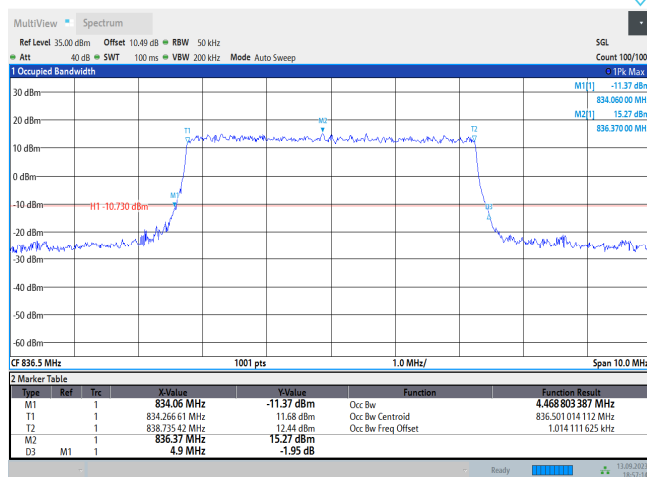


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Band26-5MHz-QPSK-26915-25RB#0



18:57:15 13.09.2023



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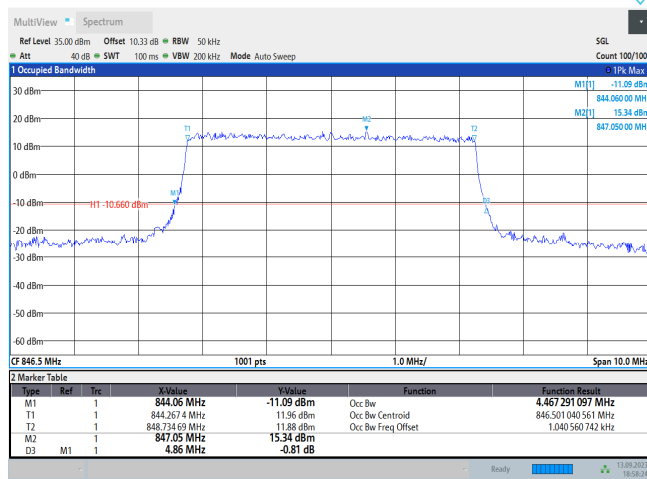
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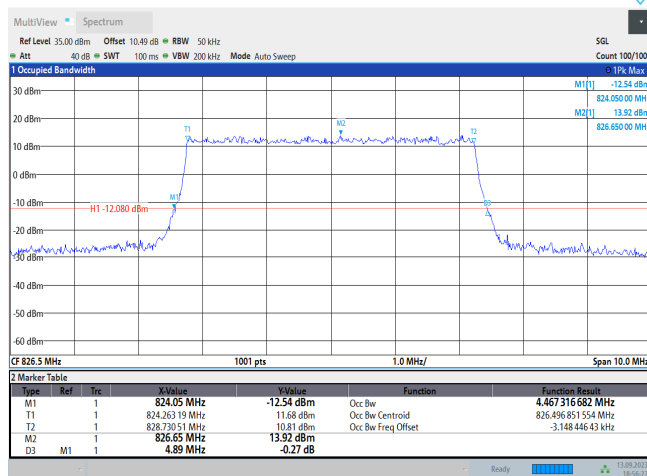
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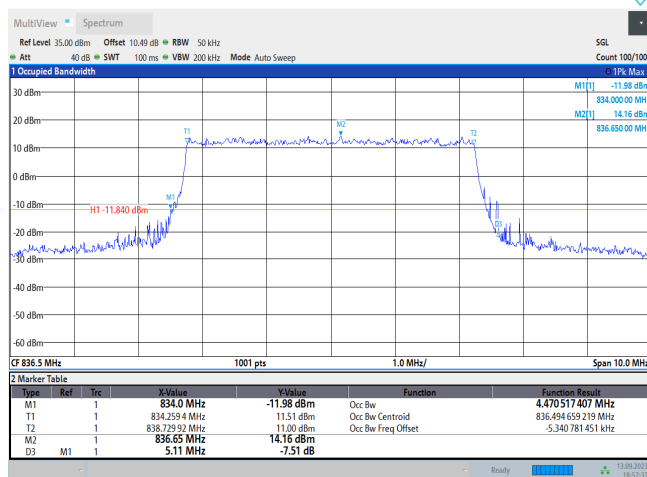
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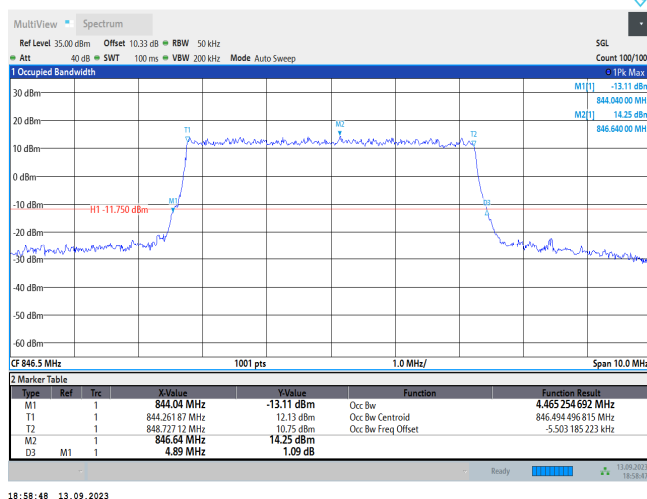
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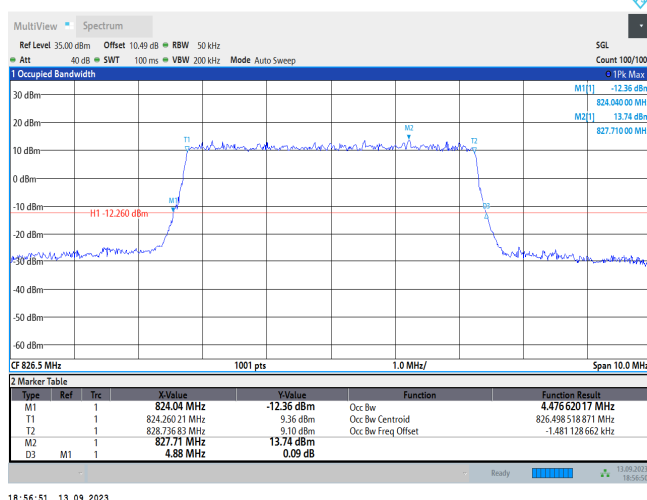
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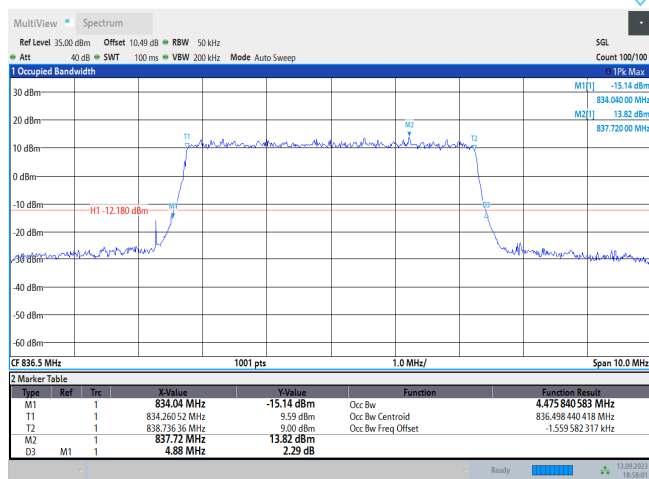


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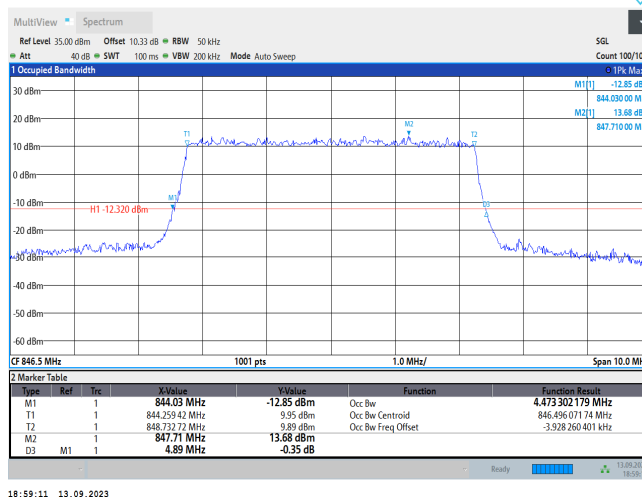
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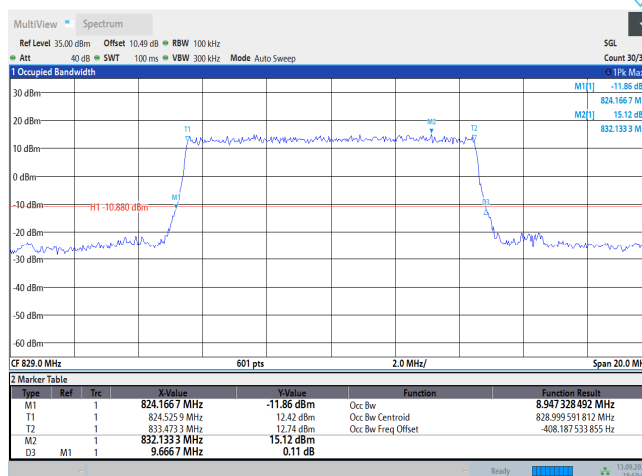
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Band26-10MHz-QPSK-26840-50RB#0



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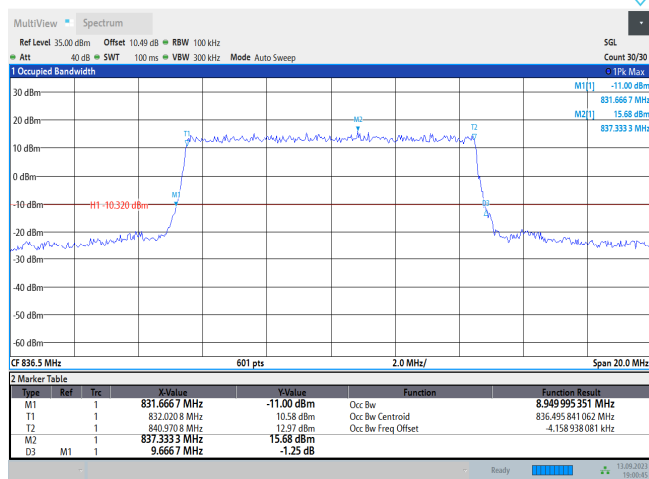


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19:00:46 13.09.2023



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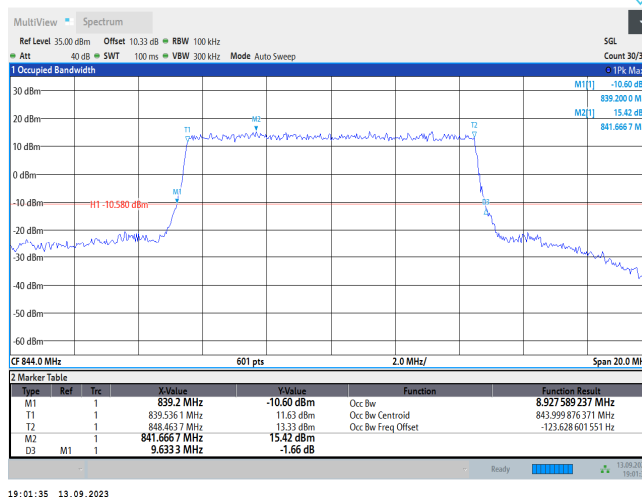
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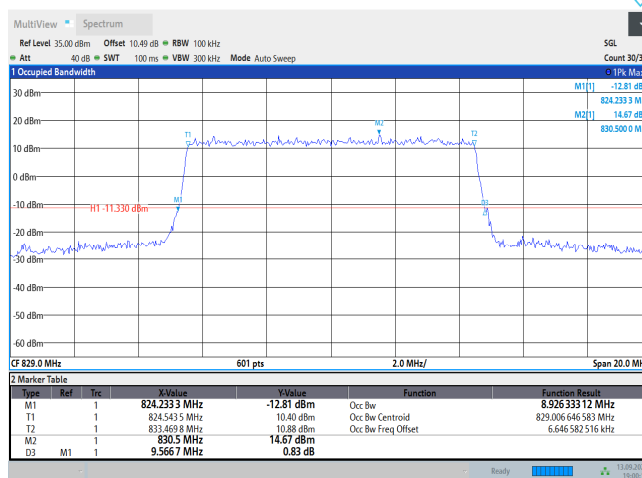
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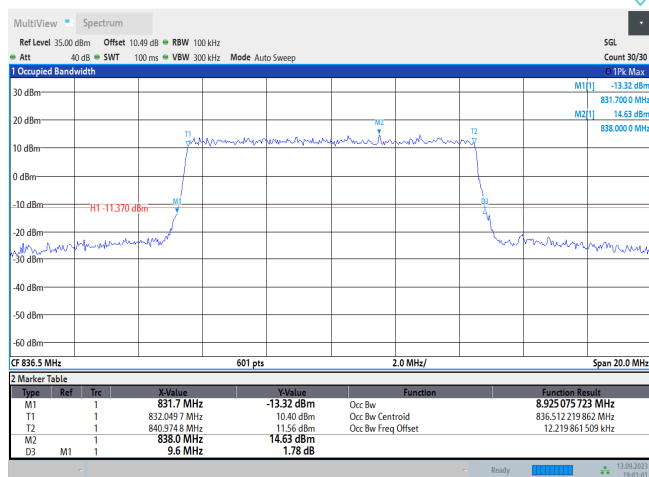
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Band26-10MHz-16QAM-26915-50RB#0



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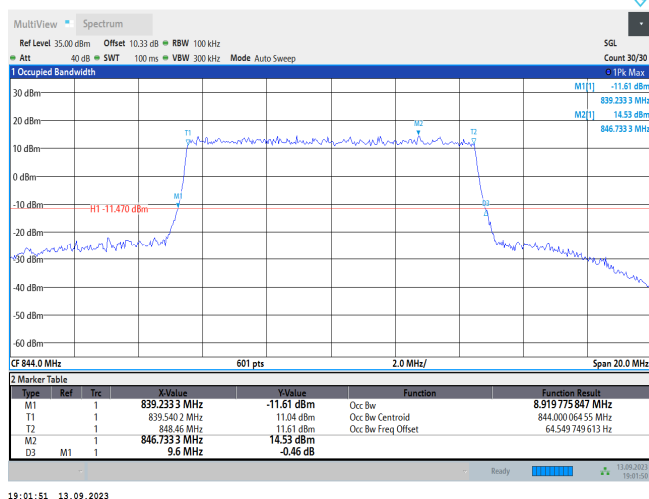
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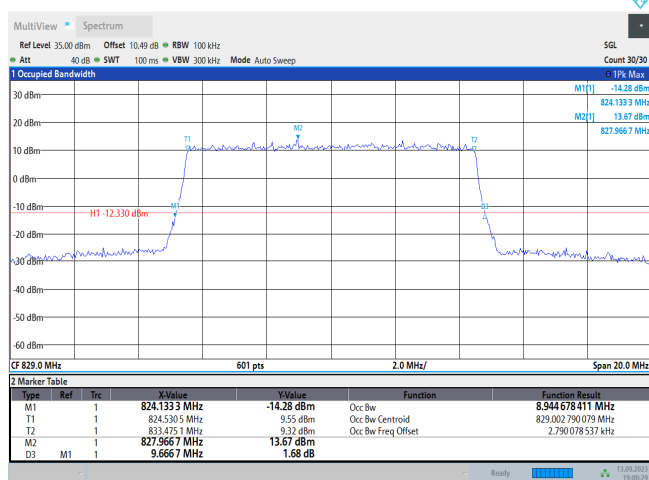
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Band26-10MHz-16QAM-26990-50RB#0



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Band26-10MHz-64QAM-26840-50RB#0



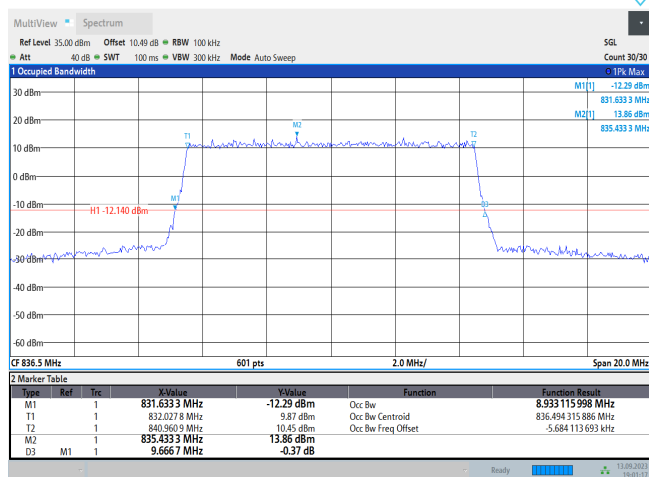
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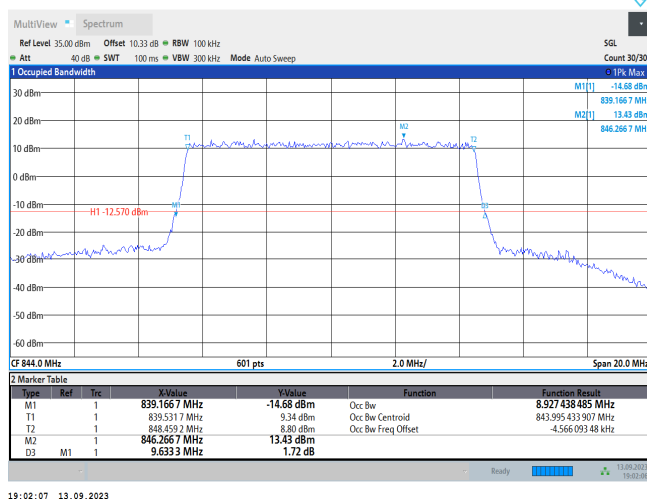
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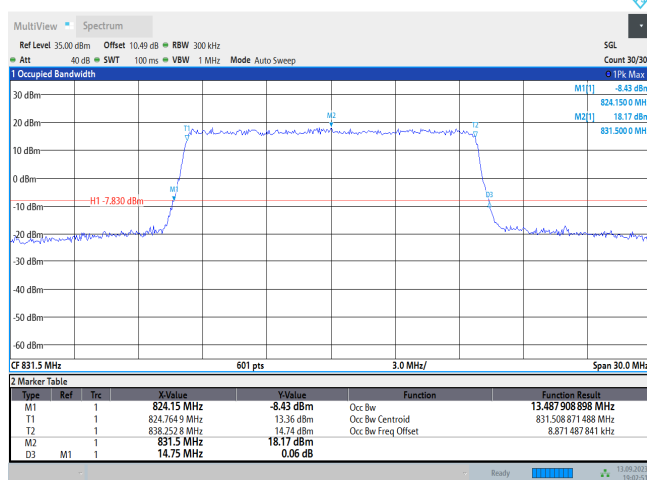
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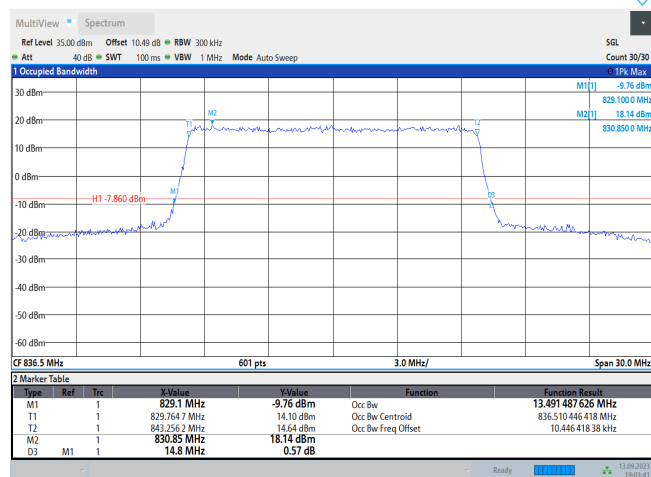
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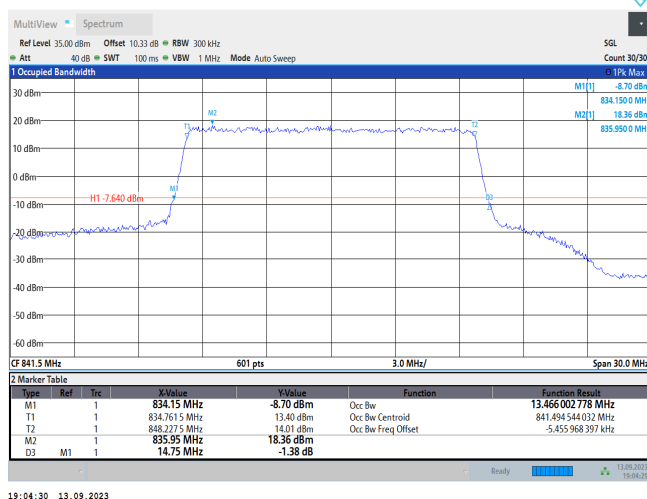
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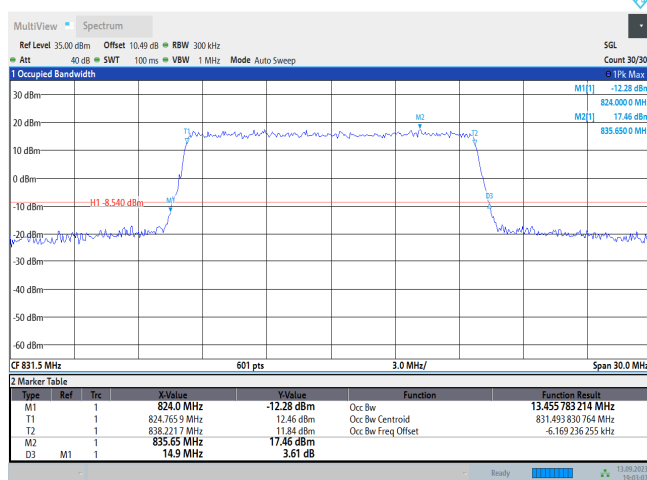
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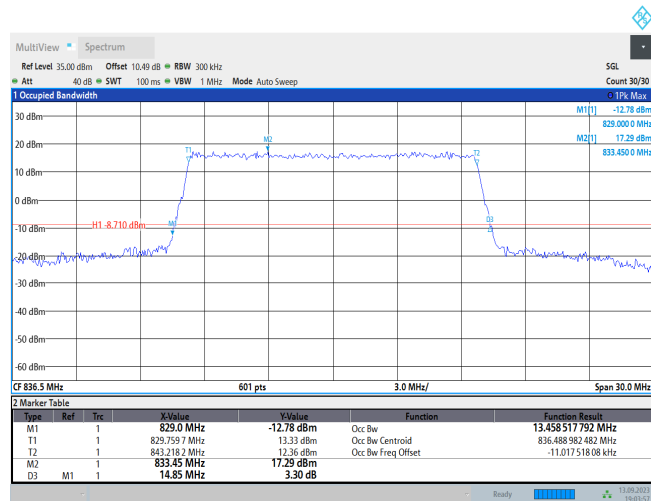
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19-03-57 13 09 2023



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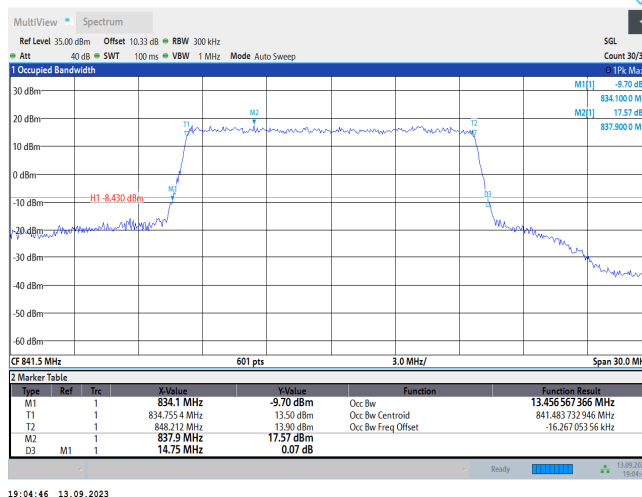
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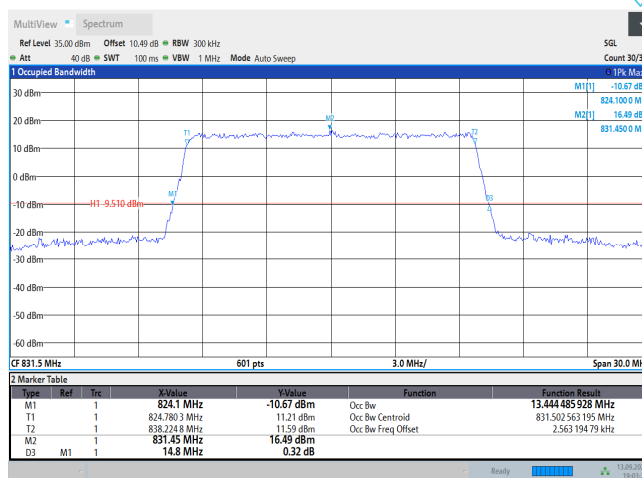
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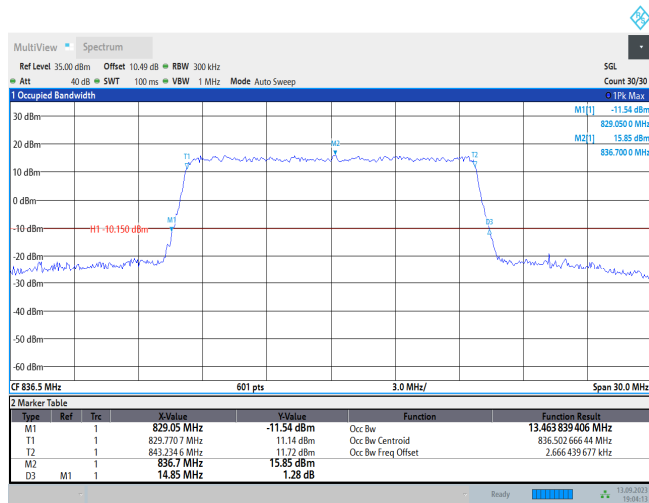
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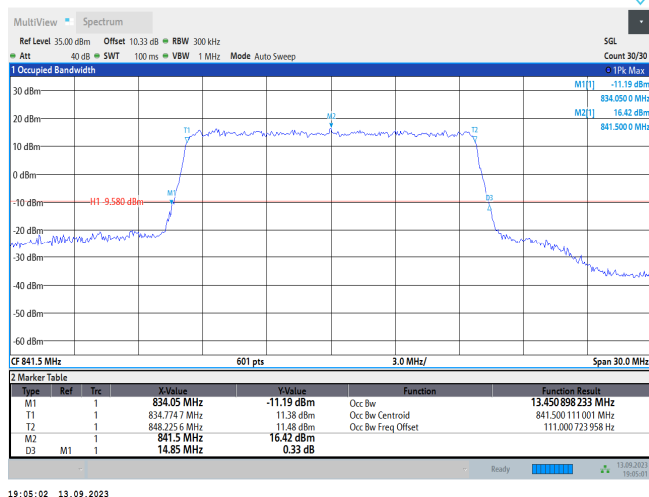
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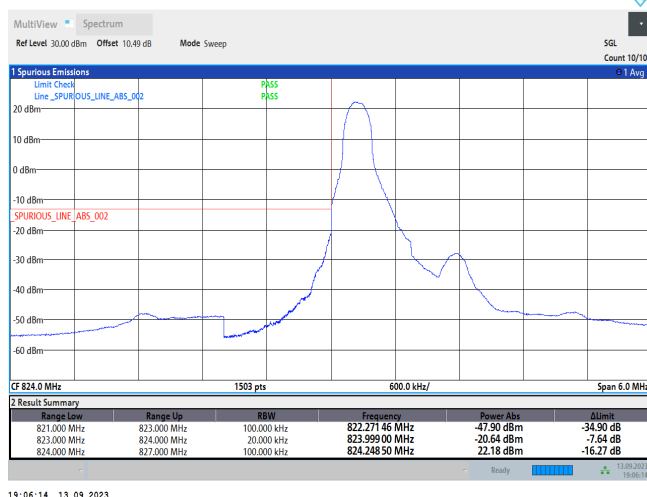
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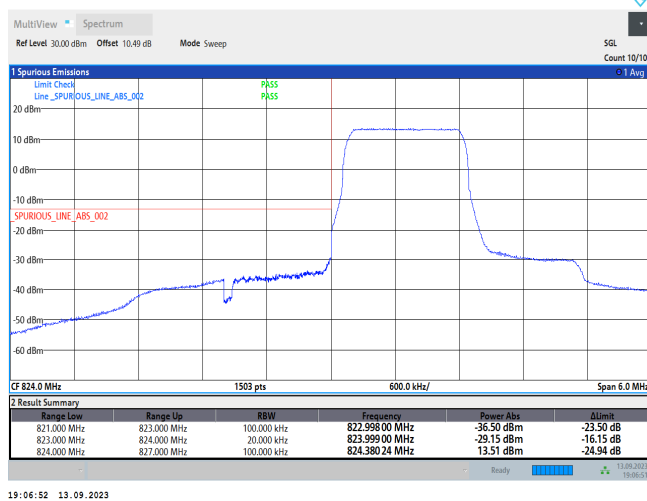
Band Edge

Test Graphs

Band26-1.4MHz-QPSK-26797-1RB#0



Band26-1.4MHz-QPSK-26797-6RB#0



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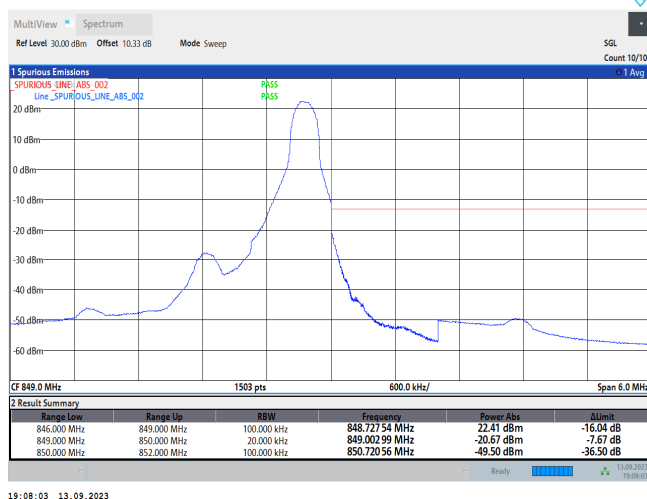
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Band26-1.4MHz-QPSK-27033-1RB#5



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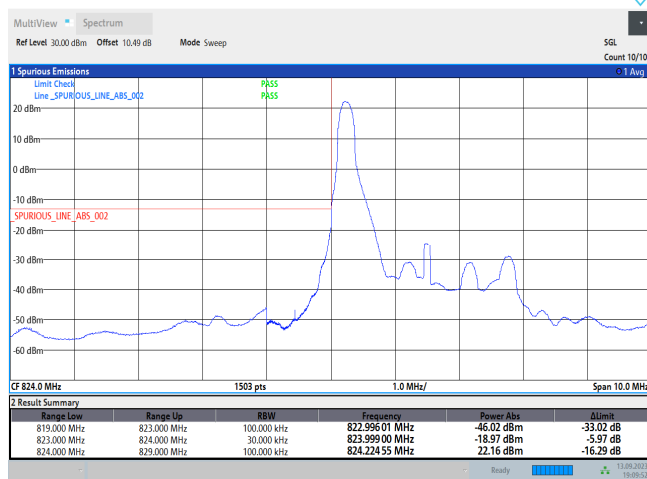
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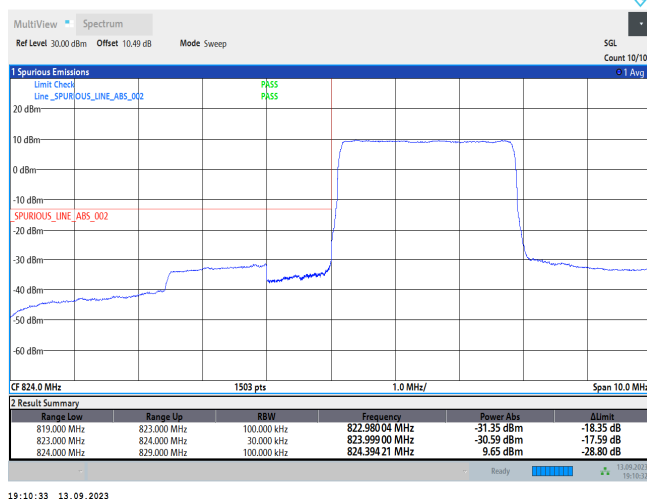
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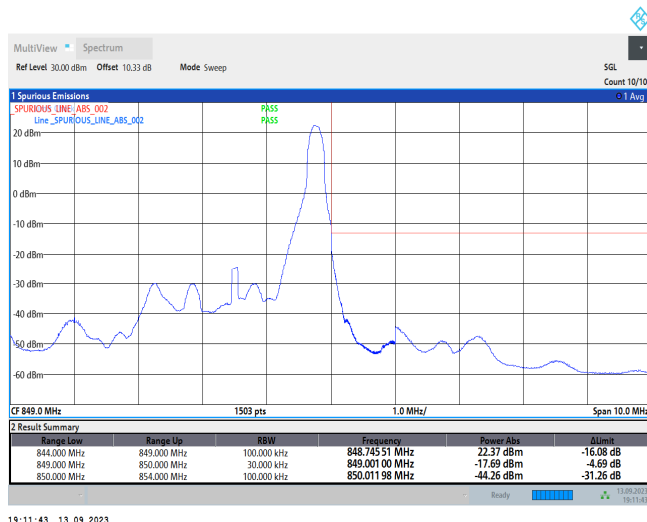
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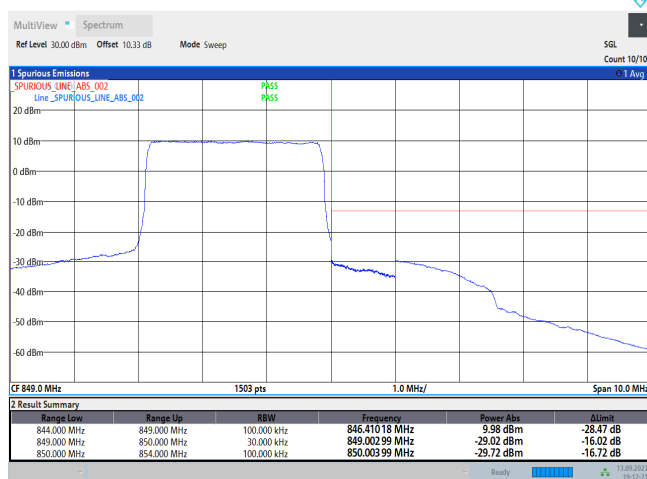


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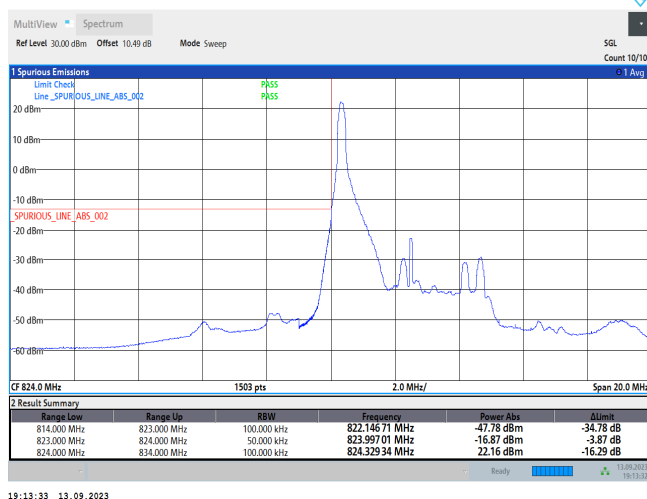
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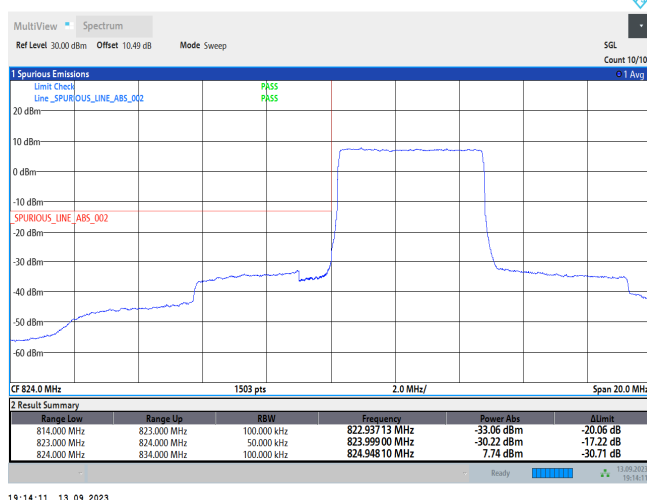
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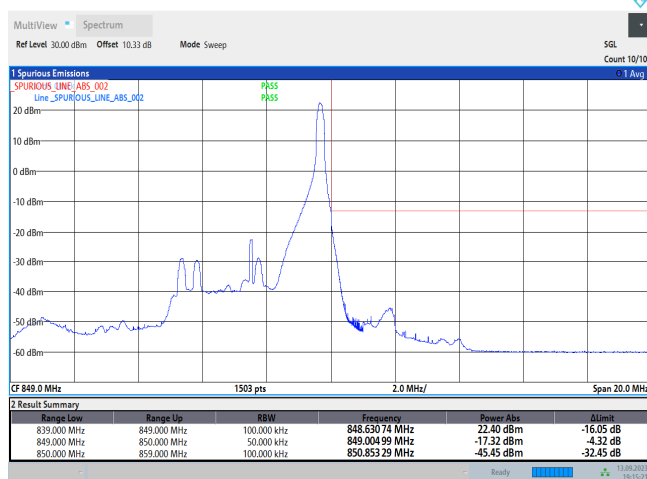


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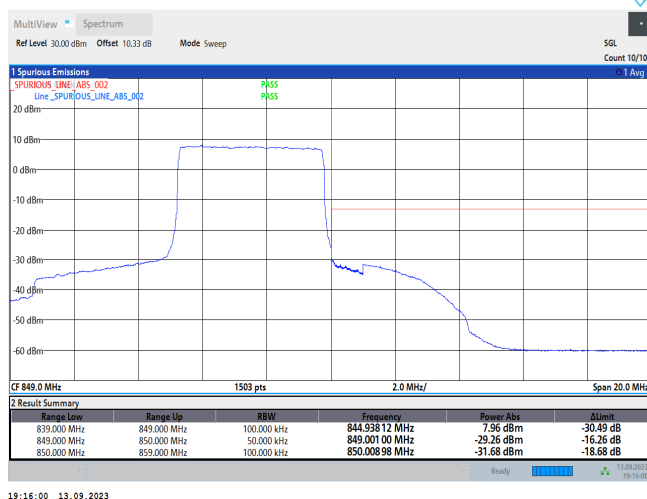


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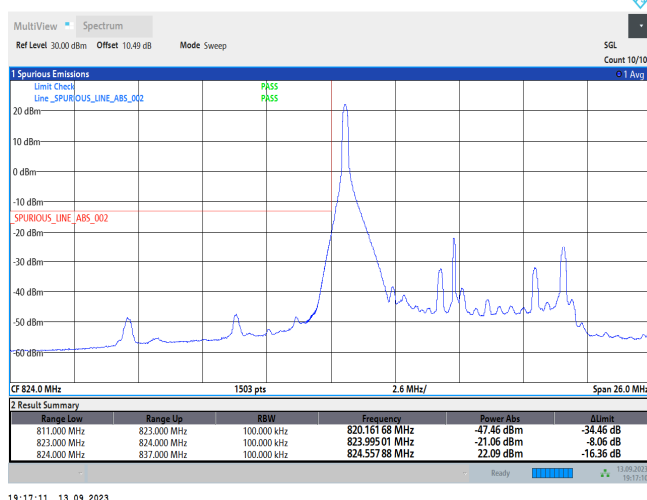
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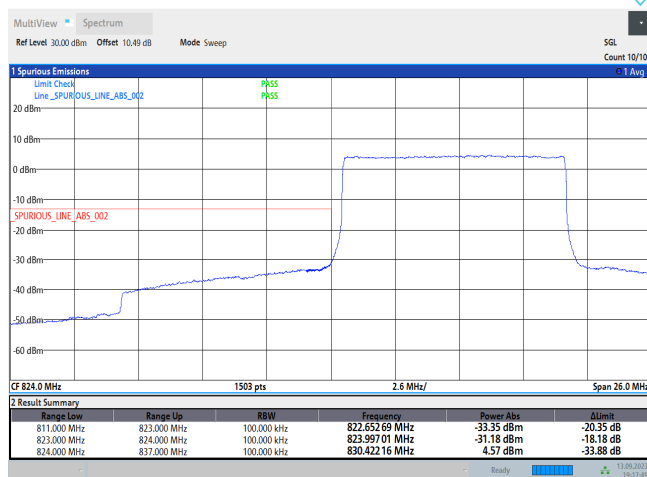


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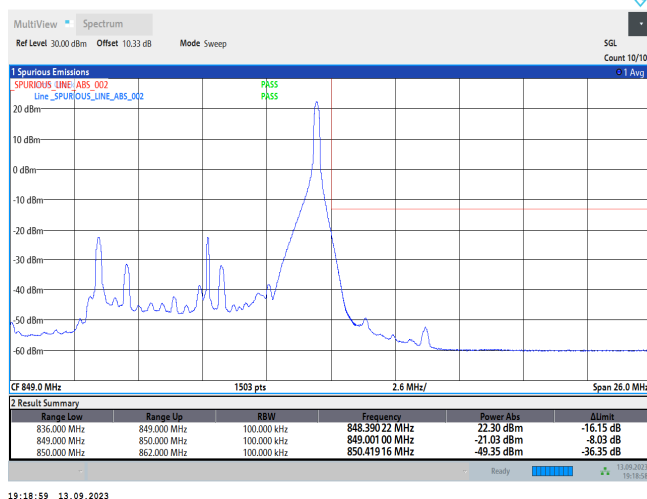
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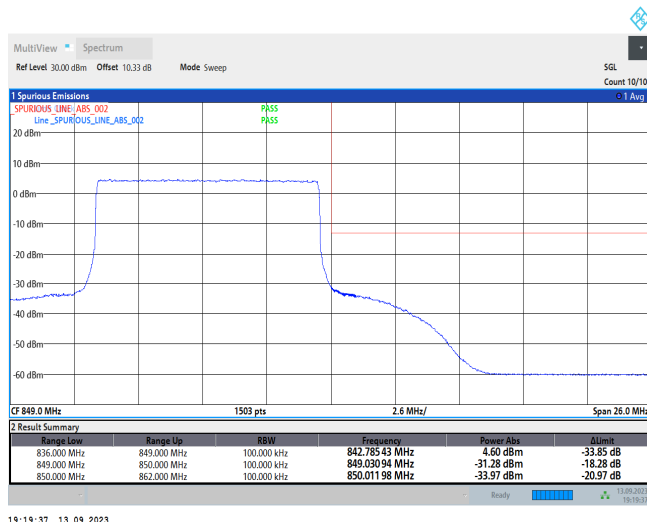
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Band26-10MHz-QPSK-26990-1RB#49



Band26-10MHz-QPSK-26990-50RB#0

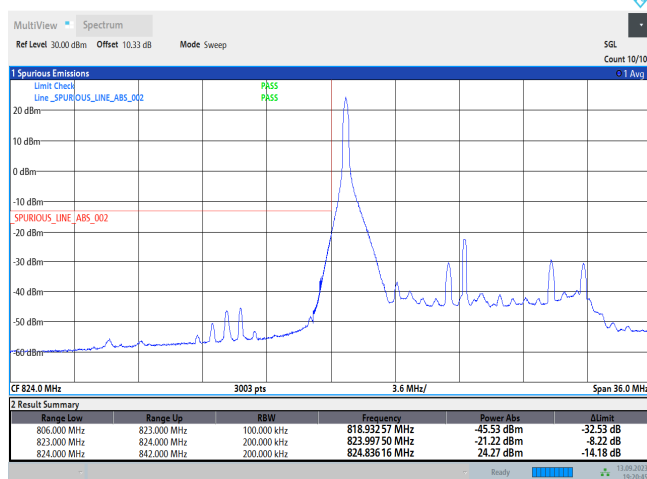


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Band26-15MHz-QPSK-26865-1RB#0



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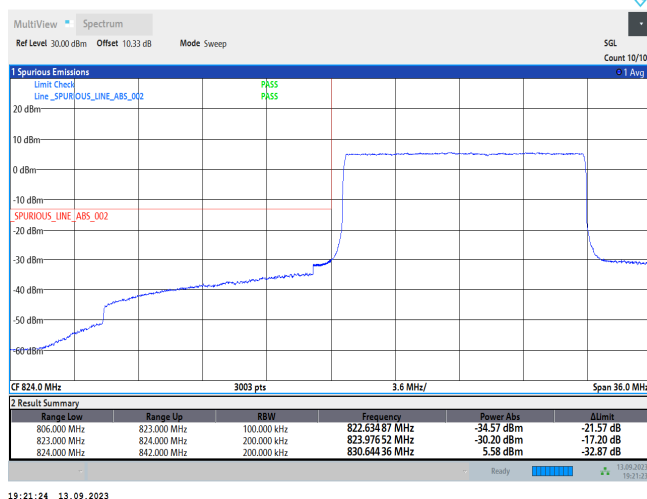
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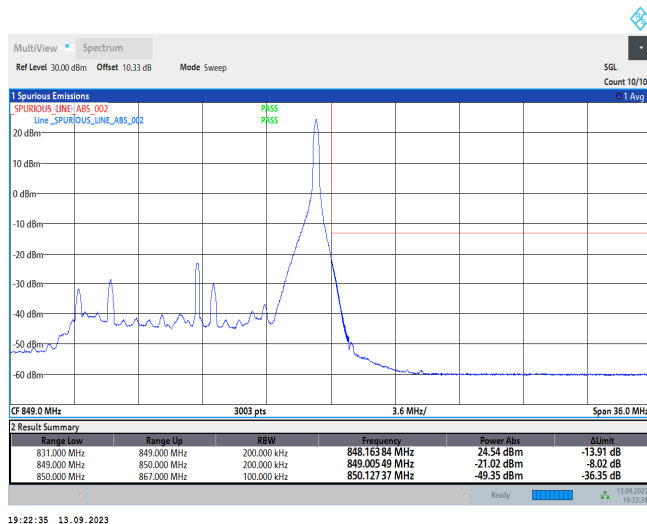
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Band26-15MHz-QPSK-26865-75RB#0



Band26-15MHz-QPSK-26965-1RB#74



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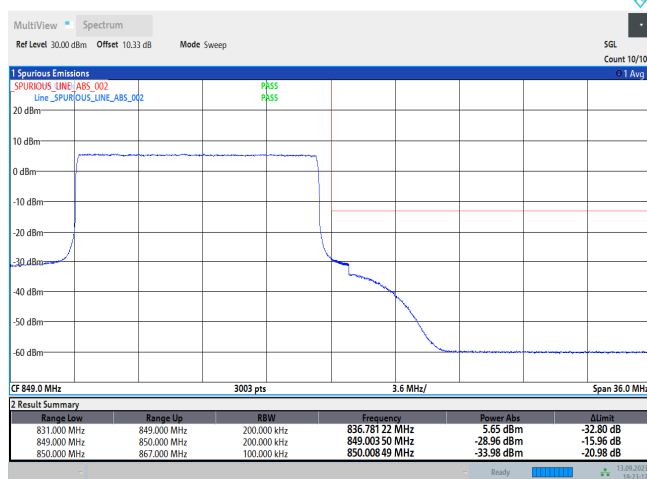
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Band26-15MHz-QPSK-26965-75RB#0



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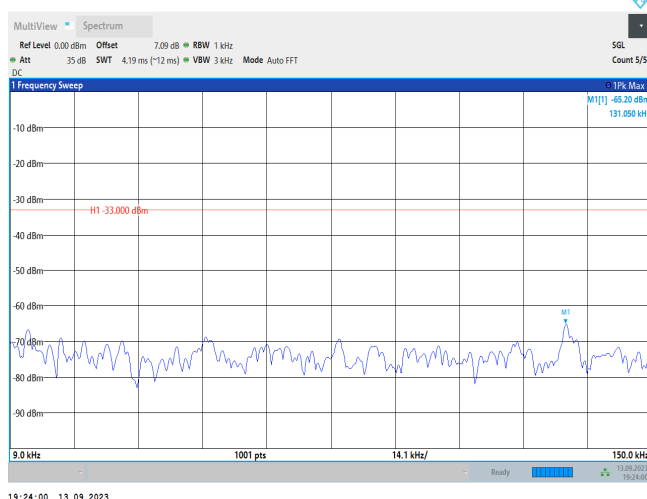
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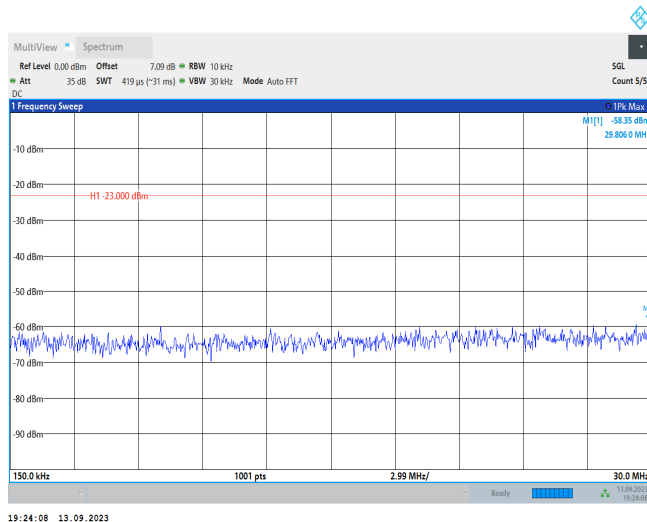
Conducted Spurious Emission

Test Graphs

Band26-15MHz-QPSK-26865-1RB#0-Range1:0.009~0.15MHz



Band26-15MHz-QPSK-26865-1RB#0-Range2:0.15~30MHz



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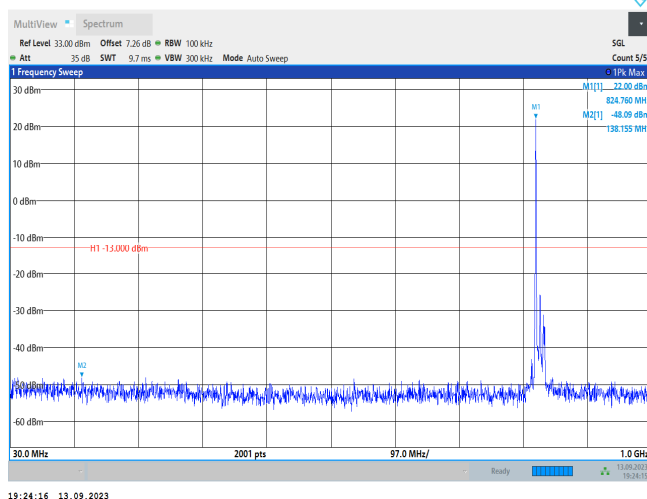
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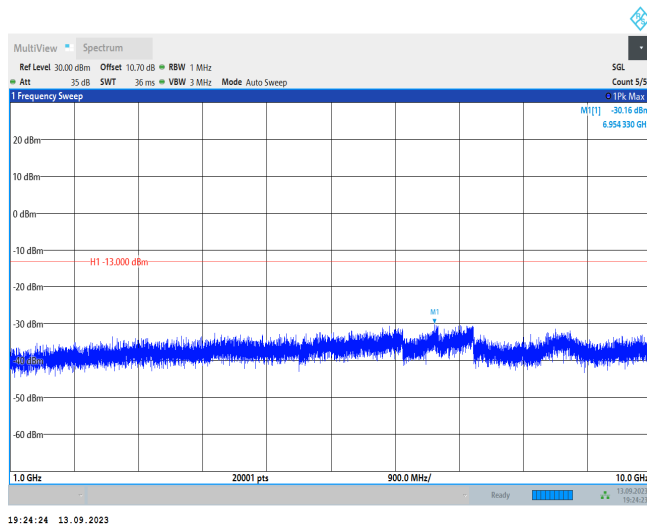
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Band26-15MHz-QPSK-26865-1RB#0-Range3:30~1000MHz



Band26-15MHz-QPSK-26865-1RB#0-Range4:1000~10000MHz



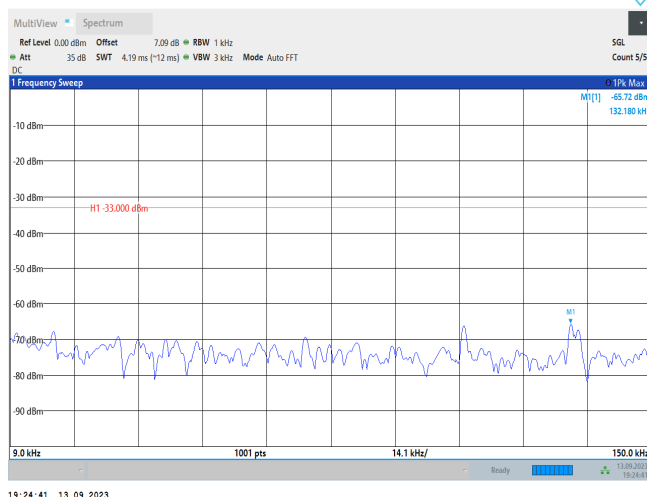


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Band26-15MHz-QPSK-26915-1RB#0-Range1:0.009~0.15MHz



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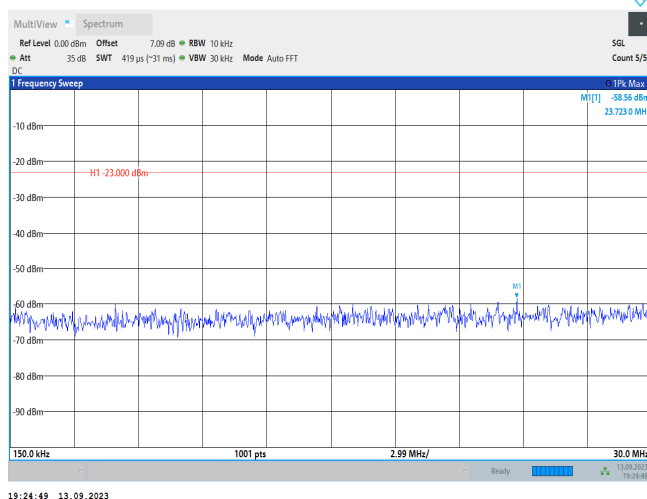
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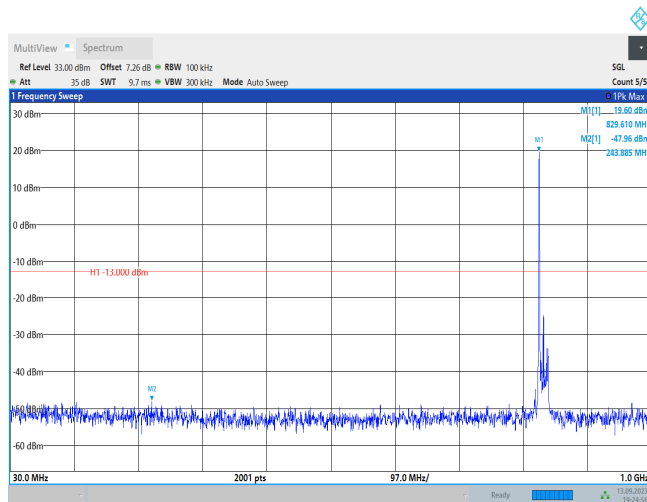
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Band26-15MHz-QPSK-26915-1RB#0-Range2:0.15~30MHz



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Band26-15MHz-QPSK-26915-1RB#0-Range3:30~1000MHz



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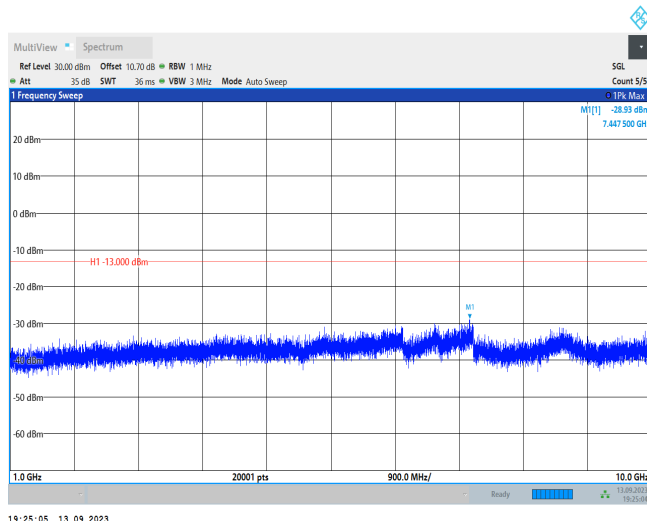
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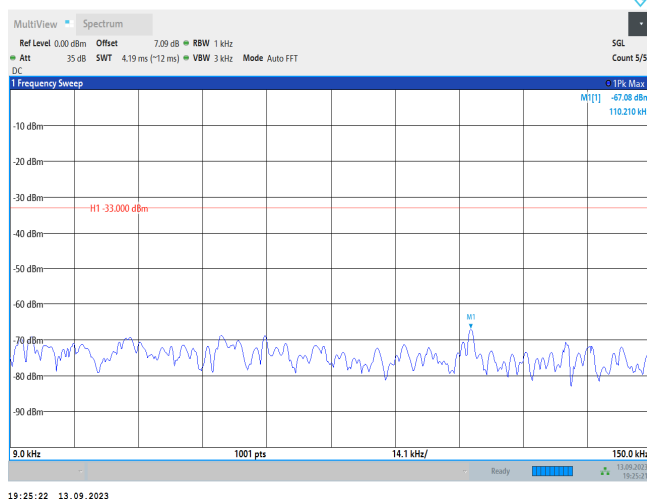
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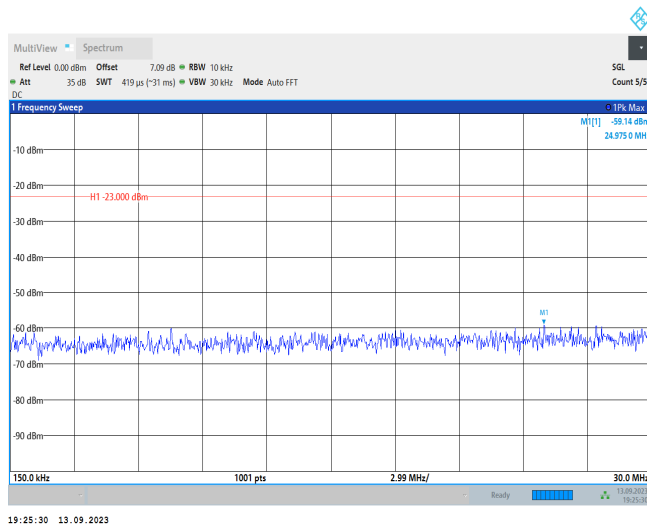
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Band26-15MHz-QPSK-26965-1RB#0-Range1:0.009~0.15MHz



Band26-15MHz-QPSK-26965-1RB#0-Range2:0.15~30MHz



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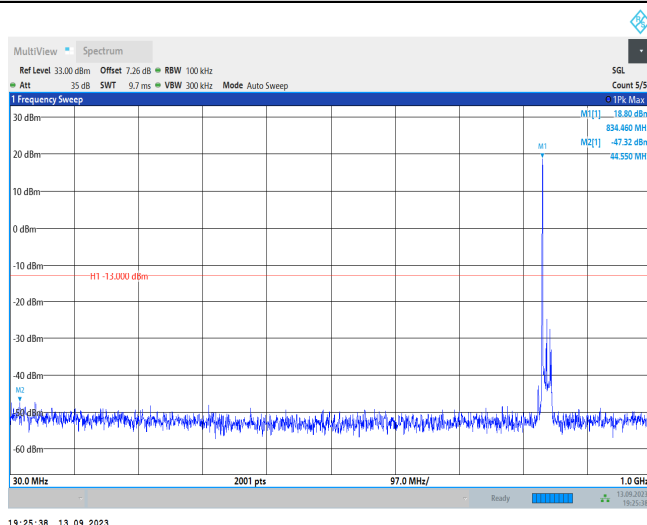
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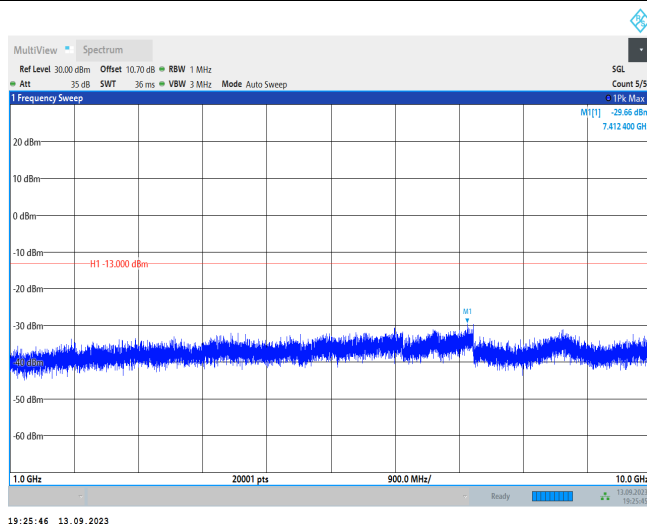
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Band26-15MHz-QPSK-26965-1RB#0-Range3:30~1000MHz



Band26-15MHz-QPSK-26965-1RB#0-Range4:1000~10000MHz



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Field Strength of Spurious Radiation

Test Band = LTE_26 ANT 1

Test Channel = LCH-15MHz

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.5	53.67	-47.52	25.50	-63.61	-13.00	50.61	Horizontal
2	2474.5	47.36	-46.67	27.70	-66.87	-13.00	53.87	Horizontal
3	3703	47.06	-44.50	29.32	-63.38	-13.00	50.38	Horizontal
4	5651.5	45.47	-41.37	32.50	-58.66	-13.00	45.66	Horizontal
5	7420.5	43.64	-38.36	36.74	-53.24	-13.00	40.24	Horizontal
6	9915	42.51	-35.35	38.62	-49.48	-13.00	36.48	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.5	49.11	-47.52	25.50	-68.17	-13.00	55.17	Vertical
2	2506.5	47.75	-46.66	27.80	-66.37	-13.00	53.37	Vertical
3	3216.5	47.16	-45.37	28.47	-65.00	-13.00	52.00	Vertical
4	5043	45.99	-42.83	31.54	-60.56	-13.00	47.56	Vertical
5	7501.5	43.54	-38.39	36.89	-53.22	-13.00	40.22	Vertical
6	9902.5	41.97	-35.30	38.60	-49.99	-13.00	36.99	Vertical



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Test Band = LTE_26 ANT 1

Test Channel = MCH-15MHz

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659.5	51.30	-47.50	25.42	-66.04	-13.00	53.04	Horizontal
2	2489.5	47.59	-46.68	27.76	-66.59	-13.00	53.59	Horizontal
3	3214.5	46.94	-45.36	28.46	-65.22	-13.00	52.22	Horizontal
4	4338	46.55	-43.03	29.80	-61.94	-13.00	48.94	Horizontal
5	7402.5	43.49	-38.35	36.71	-53.41	-13.00	40.41	Horizontal
6	9964	42.01	-35.54	38.66	-50.13	-13.00	37.13	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659.5	48.92	-47.50	25.42	-68.42	-13.00	55.42	Vertical
2	2635	47.18	-46.17	27.90	-66.35	-13.00	53.35	Vertical
3	3835	46.96	-44.91	29.73	-63.48	-13.00	50.48	Vertical
4	6047.5	45.03	-40.60	33.48	-57.35	-13.00	44.35	Vertical
5	7378.5	43.69	-38.44	36.61	-53.40	-13.00	40.40	Vertical
6	9916	41.90	-35.35	38.62	-50.09	-13.00	37.09	Vertical



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Rev.: 01

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Test Band = LTE_26 ANT 1

Test Channel = HCH-15MHz

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1669.5	49.26	-47.48	25.34	-68.14	-13.00	55.14	Horizontal
2	2504.5	47.82	-46.67	27.80	-66.31	-13.00	53.31	Horizontal
3	3930	46.76	-44.27	29.82	-62.95	-13.00	49.95	Horizontal
4	6348.5	44.75	-40.81	33.89	-57.43	-13.00	44.43	Horizontal
5	8306.5	42.76	-37.06	36.39	-53.17	-13.00	40.17	Horizontal
6	9894.5	41.75	-35.30	38.56	-50.25	-13.00	37.25	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1661	47.73	-47.50	25.41	-69.62	-13.00	56.62	Vertical
2	2504.5	48.05	-46.67	27.80	-66.08	-13.00	53.08	Vertical
3	3649	46.46	-44.48	29.29	-63.99	-13.00	50.99	Vertical
4	5053.5	45.99	-42.80	31.59	-60.48	-13.00	47.48	Vertical
5	7470.5	43.29	-38.37	36.84	-53.50	-13.00	40.50	Vertical
6	9923.5	42.00	-35.38	38.62	-50.02	-13.00	37.02	Vertical



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Test Band = LTE_26 ANT 0

Test Channel = LCH-15MHz

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.5	47.67	-47.52	25.50	-69.61	-13.00	56.61	Horizontal
2	2337	47.34	-46.63	27.47	-67.08	-13.00	54.08	Horizontal
3	3731.5	46.88	-44.70	29.49	-63.59	-13.00	50.59	Horizontal
4	6143	44.22	-40.69	33.31	-58.42	-13.00	45.42	Horizontal
5	7430.5	42.79	-38.36	36.76	-54.07	-13.00	41.07	Horizontal
6	9912.5	41.07	-35.34	38.61	-50.92	-13.00	37.92	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1455	47.32	-47.52	25.26	-70.20	-13.00	57.20	Vertical
2	2113.5	46.71	-46.89	26.72	-68.72	-13.00	55.72	Vertical
3	3108.5	46.77	-45.85	28.87	-65.47	-13.00	52.47	Vertical
4	4443.5	46.15	-43.17	30.10	-62.18	-13.00	49.18	Vertical
5	7397	43.02	-38.36	36.69	-53.91	-13.00	40.91	Vertical
6	9935.5	41.18	-35.43	38.64	-50.87	-13.00	37.87	Vertical



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Test Band = LTE_26 ANT 0
Test Channel = MCH-15MHz

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659.5	47.54	-47.50	25.42	-69.80	-13.00	56.80	Horizontal
2	2338.5	47.30	-46.63	27.49	-67.10	-13.00	54.10	Horizontal
3	3678.5	46.81	-44.48	29.30	-63.63	-13.00	50.63	Horizontal
4	6049	43.96	-40.59	33.49	-58.40	-13.00	45.40	Horizontal
5	7434.5	42.85	-38.36	36.77	-54.00	-13.00	41.00	Horizontal
6	9974	41.05	-35.58	38.67	-51.12	-13.00	38.12	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1457	47.25	-47.52	25.24	-70.29	-13.00	57.29	Vertical
2	2070.5	47.13	-46.89	26.51	-68.51	-13.00	55.51	Vertical
3	3086	46.59	-45.87	28.87	-65.67	-13.00	52.67	Vertical
4	4634	45.73	-43.13	30.17	-62.49	-13.00	49.49	Vertical
5	7484	42.94	-38.38	36.87	-53.83	-13.00	40.83	Vertical
6	9913	41.08	-35.34	38.61	-50.91	-13.00	37.91	Vertical



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Test Band = LTE_26 ANT 0

Test Channel = HCH-15MHz

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1449.5	46.98	-47.50	25.30	-70.48	-13.00	57.48	Horizontal
2	2388.5	47.27	-46.61	27.45	-67.15	-13.00	54.15	Horizontal
3	3069.5	46.64	-45.83	28.84	-65.61	-13.00	52.61	Horizontal
4	5045	45.06	-42.82	31.56	-61.46	-13.00	48.46	Horizontal
5	7479.5	42.97	-38.37	36.86	-53.80	-13.00	40.80	Horizontal
6	9901.5	40.63	-35.30	38.60	-51.33	-13.00	38.33	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1452	47.19	-47.51	25.28	-70.30	-13.00	57.30	Vertical
2	2097.5	46.98	-46.87	26.78	-68.37	-13.00	55.37	Vertical
3	3071.5	46.80	-45.83	28.84	-65.45	-13.00	52.45	Vertical
4	4900.5	45.34	-42.96	30.90	-61.98	-13.00	48.98	Vertical
5	7422	43.01	-38.36	36.74	-53.87	-13.00	40.87	Vertical
6	9889	40.92	-35.32	38.51	-51.15	-13.00	38.15	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
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	2.40	0.002869	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VN	NT	-0.90	-0.001076	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	-4.30	-0.005140	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26915	75RB#0	NV	-30	1.60	0.001913	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-20	2.70	0.003228	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-10	-1.70	-0.002032	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	-1.80	-0.002152	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	2.70	0.003228	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-0.60	-0.000717	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	0.70	0.000837	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	2.10	0.002510	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-1.80	-0.002152	±2.5	PASS

---End of Attachment---



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