



Appendix B.14

LTE Band 26(824-849)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant13:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	23.75	17	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.78	17.03	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	23.77	17.02	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.67	15.92	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.67	16.92	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.62	16.87	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.57	16.82	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.62	15.87	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.50	16.75	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	24.08	17.33	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	23.54	16.79	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.61	15.86	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	23.06	16.31	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	23.22	16.47	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	22.99	16.24	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	21.79	15.04	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.83	16.08	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.93	16.18	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.83	16.08	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.75	15	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.93	16.18	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.89	16.14	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	23.23	16.48	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.85	15.1	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#0	21.78	15.03	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#2	21.84	15.09	38.45	PASS
Band26	1.4MHz	64QAM	26797	1RB#5	22.11	15.36	38.45	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	20.85	14.1	38.45	PASS
Band26	1.4MHz	64QAM	26915	1RB#0	21.86	15.11	38.45	PASS
Band26	1.4MHz	64QAM	26915	1RB#2	21.98	15.23	38.45	PASS



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Band26	1.4MHz	64QAM	26915	1RB#5	21.74	14.99	38.45	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	20.85	14.1	38.45	PASS
Band26	1.4MHz	64QAM	27033	1RB#0	21.50	14.75	38.45	PASS
Band26	1.4MHz	64QAM	27033	1RB#2	21.62	14.87	38.45	PASS
Band26	1.4MHz	64QAM	27033	1RB#5	21.76	15.01	38.45	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	20.66	13.91	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	23.69	16.94	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	23.76	17.01	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	23.63	16.88	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.81	16.06	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	23.67	16.92	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	23.90	17.15	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.64	16.89	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.79	16.04	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.63	16.88	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	23.66	16.91	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	23.35	16.6	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.68	15.93	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	22.97	16.22	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	23.10	16.35	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.78	16.03	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.88	15.13	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	23.20	16.45	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	23.12	16.37	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	22.84	16.09	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.83	15.08	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	23.13	16.38	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.98	16.23	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	23.09	16.34	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.72	14.97	38.45	PASS
Band26	3MHz	64QAM	26805	1RB#0	21.77	15.02	38.45	PASS
Band26	3MHz	64QAM	26805	1RB#8	21.94	15.19	38.45	PASS
Band26	3MHz	64QAM	26805	1RB#14	21.67	14.92	38.45	PASS
Band26	3MHz	64QAM	26805	15RB#0	20.77	14.02	38.45	PASS
Band26	3MHz	64QAM	26915	1RB#0	21.81	15.06	38.45	PASS
Band26	3MHz	64QAM	26915	1RB#8	21.96	15.21	38.45	PASS
Band26	3MHz	64QAM	26915	1RB#14	21.81	15.06	38.45	PASS
Band26	3MHz	64QAM	26915	15RB#0	20.59	13.84	38.45	PASS



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Band26	3MHz	64QAM	27025	1RB#0	21.94	15.19	38.45	PASS
Band26	3MHz	64QAM	27025	1RB#8	22.03	15.28	38.45	PASS
Band26	3MHz	64QAM	27025	1RB#14	21.81	15.06	38.45	PASS
Band26	3MHz	64QAM	27025	15RB#0	20.75	14	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	23.75	17	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	23.74	16.99	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	23.80	17.05	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.74	15.99	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.78	17.03	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.71	16.96	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	23.57	16.82	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.80	16.05	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.80	17.05	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.72	16.97	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	23.75	17	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.71	15.96	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	23.10	16.35	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.89	16.14	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	23.06	16.31	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.79	15.04	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.99	16.24	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.94	16.19	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	23.05	16.3	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.83	15.08	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.95	16.2	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	22.84	16.09	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	23.13	16.38	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.68	14.93	38.45	PASS
Band26	5MHz	64QAM	26815	1RB#0	21.78	15.03	38.45	PASS
Band26	5MHz	64QAM	26815	1RB#12	21.78	15.03	38.45	PASS
Band26	5MHz	64QAM	26815	1RB#24	21.81	15.06	38.45	PASS
Band26	5MHz	64QAM	26815	25RB#0	20.65	13.9	38.45	PASS
Band26	5MHz	64QAM	26915	1RB#0	21.91	15.16	38.45	PASS
Band26	5MHz	64QAM	26915	1RB#12	21.74	14.99	38.45	PASS
Band26	5MHz	64QAM	26915	1RB#24	21.71	14.96	38.45	PASS
Band26	5MHz	64QAM	26915	25RB#0	20.71	13.96	38.45	PASS
Band26	5MHz	64QAM	27015	1RB#0	21.84	15.09	38.45	PASS
Band26	5MHz	64QAM	27015	1RB#12	21.81	15.06	38.45	PASS



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Band26	5MHz	64QAM	27015	1RB#24	21.78	15.03	38.45	PASS
Band26	5MHz	64QAM	27015	25RB#0	20.77	14.02	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	23.82	17.07	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.92	17.17	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	24.12	17.37	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.88	16.13	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.88	17.13	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	23.66	16.91	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.93	17.18	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.93	16.18	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.98	17.23	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.67	16.92	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	24.00	17.25	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.81	16.06	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	23.24	16.49	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.90	16.15	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	23.31	16.56	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.82	15.07	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	23.17	16.42	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.94	16.19	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	23.23	16.48	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.87	15.12	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	23.09	16.34	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.78	16.03	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.96	16.21	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.77	15.02	38.45	PASS
Band26	10MHz	64QAM	26840	1RB#0	22.19	15.44	38.45	PASS
Band26	10MHz	64QAM	26840	1RB#24	21.86	15.11	38.45	PASS
Band26	10MHz	64QAM	26840	1RB#49	22.15	15.4	38.45	PASS
Band26	10MHz	64QAM	26840	50RB#0	20.77	14.02	38.45	PASS
Band26	10MHz	64QAM	26915	1RB#0	22.33	15.58	38.45	PASS
Band26	10MHz	64QAM	26915	1RB#24	21.78	15.03	38.45	PASS
Band26	10MHz	64QAM	26915	1RB#49	22.00	15.25	38.45	PASS
Band26	10MHz	64QAM	26915	50RB#0	20.80	14.05	38.45	PASS
Band26	10MHz	64QAM	26990	1RB#0	22.08	15.33	38.45	PASS
Band26	10MHz	64QAM	26990	1RB#24	21.78	15.03	38.45	PASS
Band26	10MHz	64QAM	26990	1RB#49	22.03	15.28	38.45	PASS
Band26	10MHz	64QAM	26990	50RB#0	20.84	14.09	38.45	PASS



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Band26	15MHz	QPSK	26865	1RB#0	24.30	17.55	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	24.03	17.28	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	23.93	17.18	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.85	16.1	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	24.22	17.47	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.74	16.99	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	24.16	17.41	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.93	16.18	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	24.32	17.57	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	23.70	16.95	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	24.19	17.44	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.97	16.22	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	23.55	16.8	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.90	16.15	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	23.31	16.56	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.86	15.11	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	23.33	16.58	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.93	16.18	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	23.33	16.58	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.85	15.1	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	23.25	16.5	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	23.21	16.46	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	23.19	16.44	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.84	15.09	38.45	PASS
Band26	15MHz	64QAM	26865	1RB#0	22.21	15.46	38.45	PASS
Band26	15MHz	64QAM	26865	1RB#38	21.83	15.08	38.45	PASS
Band26	15MHz	64QAM	26865	1RB#74	22.23	15.48	38.45	PASS
Band26	15MHz	64QAM	26865	75RB#0	20.81	14.06	38.45	PASS
Band26	15MHz	64QAM	26915	1RB#0	22.16	15.41	38.45	PASS
Band26	15MHz	64QAM	26915	1RB#38	22.10	15.35	38.45	PASS
Band26	15MHz	64QAM	26915	1RB#74	22.45	15.7	38.45	PASS
Band26	15MHz	64QAM	26915	75RB#0	20.88	14.13	38.45	PASS
Band26	15MHz	64QAM	26965	1RB#0	21.98	15.23	38.45	PASS
Band26	15MHz	64QAM	26965	1RB#38	21.77	15.02	38.45	PASS
Band26	15MHz	64QAM	26965	1RB#74	22.15	15.4	38.45	PASS
Band26	15MHz	64QAM	26965	75RB#0	20.70	13.95	38.45	PASS





Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	15MHz	QPSK	26865	75RB#0	4.99	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	4.90	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	5.01	13	PASS
Band26	15MHz	16QAM	26865	75RB#0	5.80	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	5.74	13	PASS
Band26	15MHz	16QAM	26965	75RB#0	5.83	13	PASS
Band26	15MHz	64QAM	26865	75RB#0	6.29	13	PASS
Band26	15MHz	64QAM	26915	75RB#0	6.20	13	PASS
Band26	15MHz	64QAM	26965	75RB#0	6.23	13	PASS

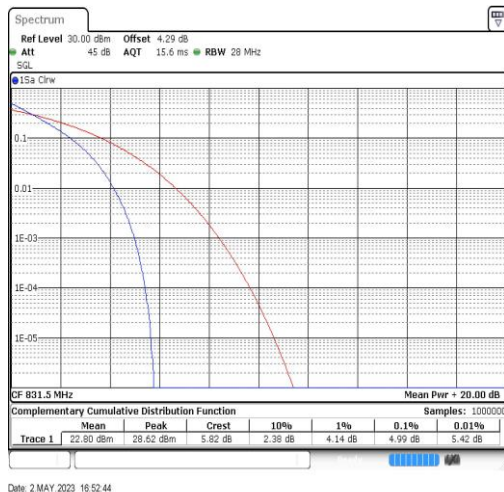


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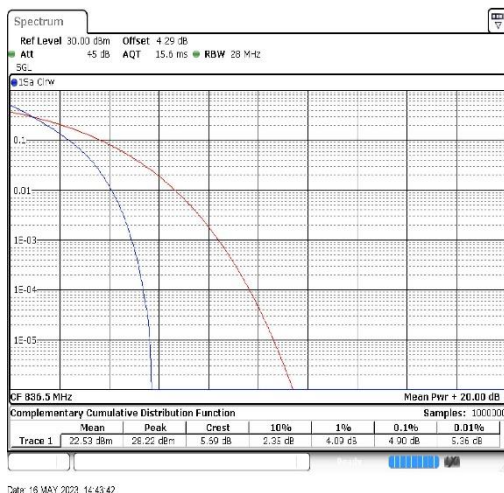
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Test Graphs



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



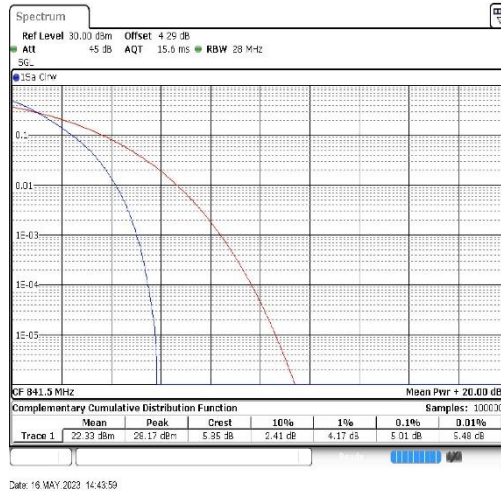
Band26-15MHz-QPSK-26915-75RB#0



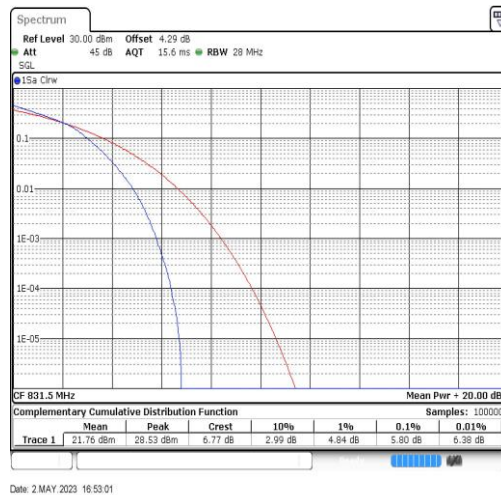
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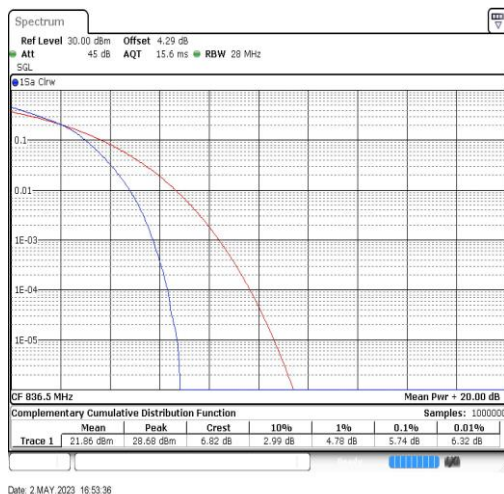


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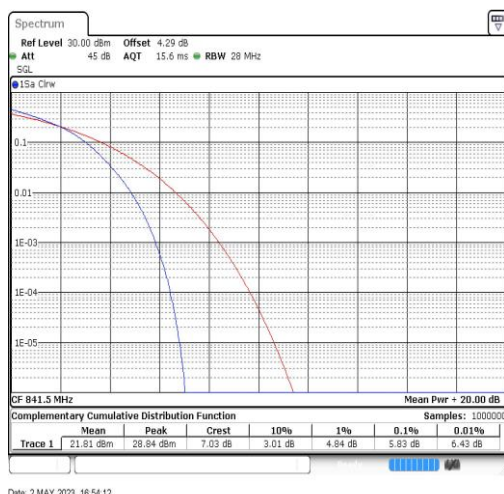
Band26-15MHz-16QAM-26865-75RB#0





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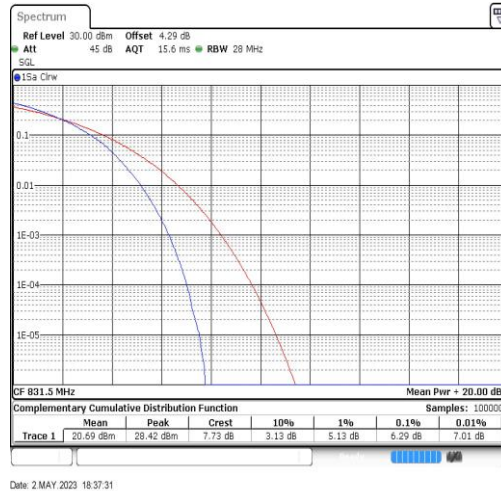
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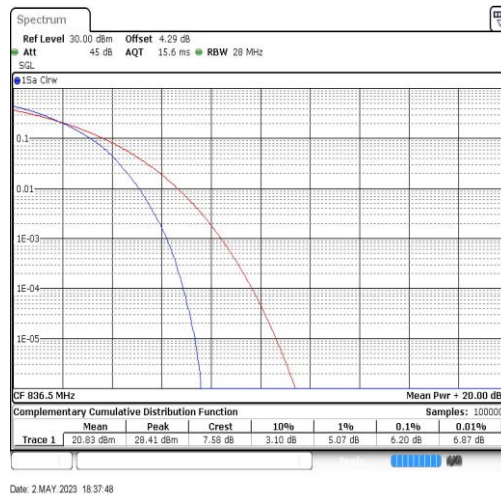
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Band26-15MHz-16QAM-26965-75RB#0



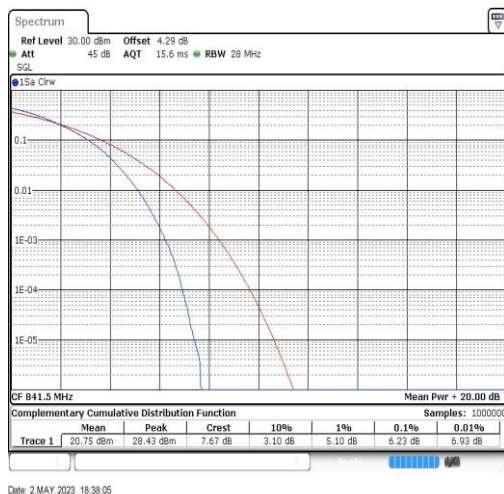


Band26-15MHz-64QAM-26865-75RB#0



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	1.28	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.088	1.28	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.088	1.28	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.093	1.29	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.103	1.30	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.103	1.31	PASS
Band26	1.4MHz	64QAM	26797	6RB#0	1.098	1.29	PASS
Band26	1.4MHz	64QAM	26915	6RB#0	1.098	1.29	PASS
Band26	1.4MHz	64QAM	27033	6RB#0	1.098	1.30	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.696	2.97	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.696	2.98	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.696	2.97	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.696	2.98	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.696	2.99	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.686	2.98	PASS
Band26	3MHz	64QAM	26805	15RB#0	2.686	2.97	PASS
Band26	3MHz	64QAM	26915	15RB#0	2.686	2.96	PASS
Band26	3MHz	64QAM	27025	15RB#0	2.696	2.96	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.476	4.91	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.476	4.89	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.476	4.90	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.466	4.91	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.456	4.90	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.466	4.94	PASS
Band26	5MHz	64QAM	26815	25RB#0	4.486	4.94	PASS
Band26	5MHz	64QAM	26915	25RB#0	4.476	4.93	PASS
Band26	5MHz	64QAM	27015	25RB#0	4.466	4.94	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.952	9.73	PASS



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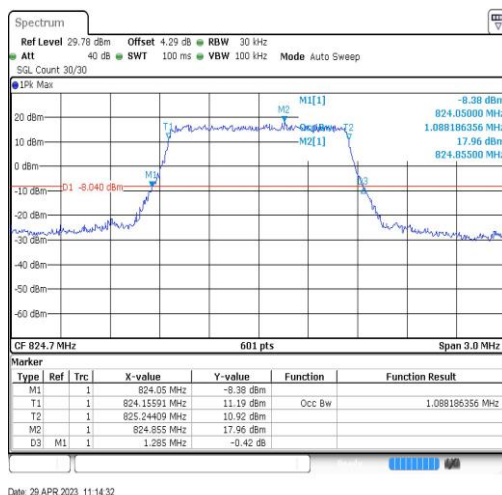
Band26	10MHz	QPSK	26915	50RB#0	8.918	9.77	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.918	9.73	PASS
Band26	10MHz	16QAM	26840	50RB#0	8.918	9.73	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.918	9.70	PASS
Band26	10MHz	16QAM	26990	50RB#0	8.918	9.70	PASS
Band26	10MHz	64QAM	26840	50RB#0	8.918	9.73	PASS
Band26	10MHz	64QAM	26915	50RB#0	8.918	9.70	PASS
Band26	10MHz	64QAM	26990	50RB#0	8.952	9.70	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.478	14.85	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.478	14.80	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.478	14.85	PASS
Band26	15MHz	16QAM	26865	75RB#0	13.478	14.90	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.478	14.80	PASS
Band26	15MHz	16QAM	26965	75RB#0	13.428	14.85	PASS
Band26	15MHz	64QAM	26865	75RB#0	13.478	14.90	PASS
Band26	15MHz	64QAM	26915	75RB#0	13.428	14.80	PASS
Band26	15MHz	64QAM	26965	75RB#0	13.428	14.85	PASS



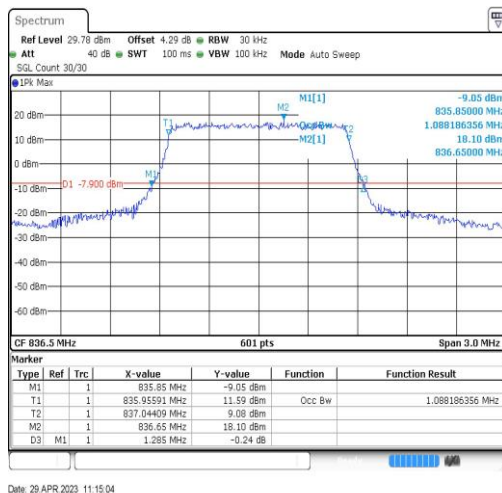
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Test Graphs



Band26-1.4MHz-QPSK-26797-6RB#0-1.088



Band26-1.4MHz-QPSK-26915-6RB#0-1.088

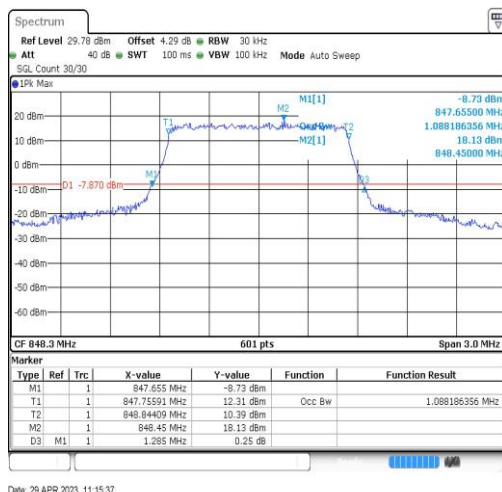


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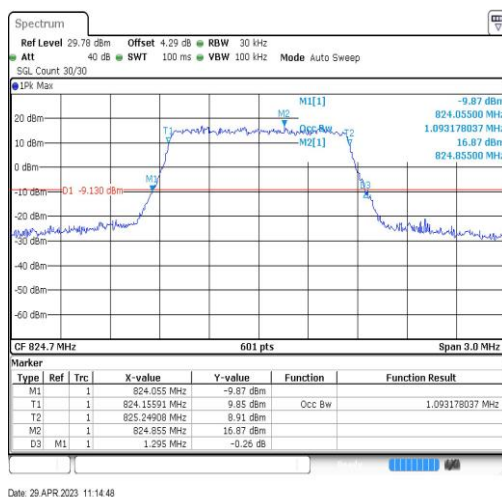
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Band26-1.4MHz-QPSK-27033-6RB#0-1.088



Band26-1.4MHz-16QAM-26797-6RB#0-1.093

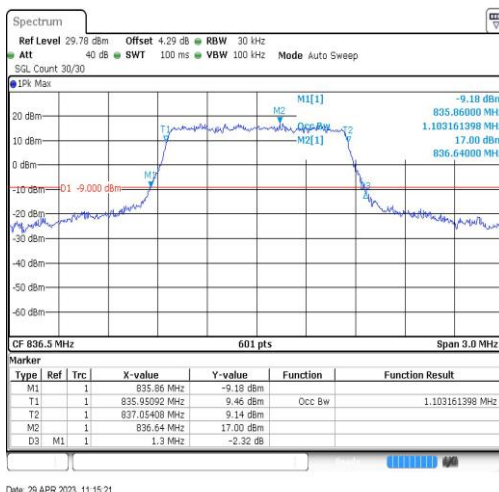


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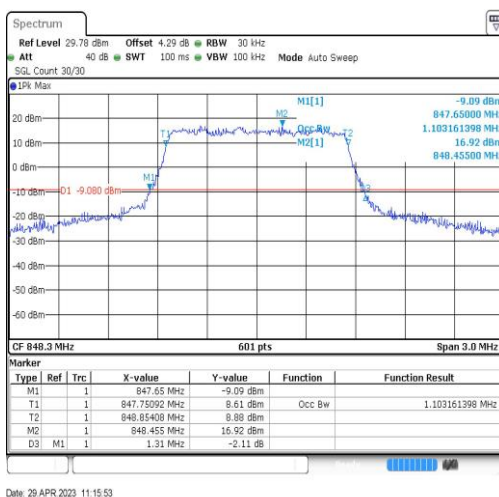
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Band26-1.4MHz-16QAM-26915-6RB#0-1.103



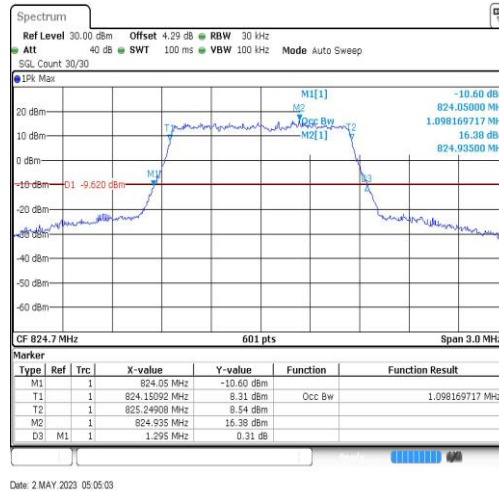
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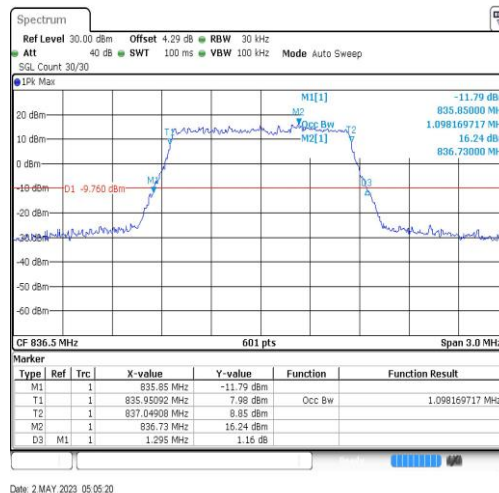
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Band26-1.4MHz-64QAM-26797-6RB#0-1.098



Band26-1.4MHz-64QAM-26915-6RB#0-1.098



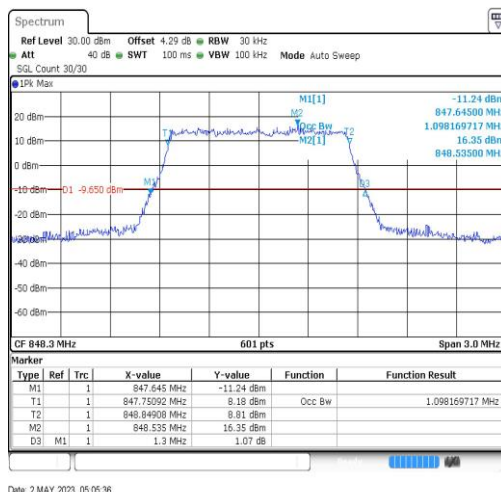
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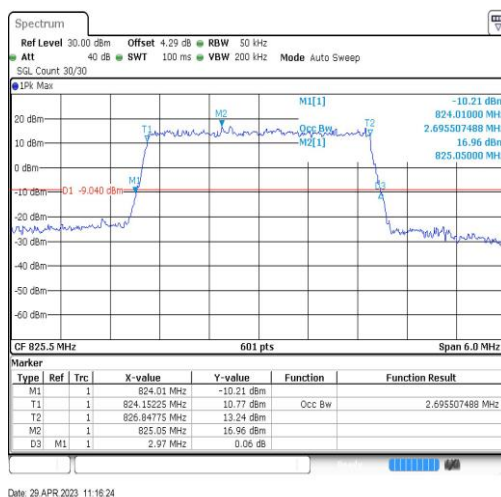
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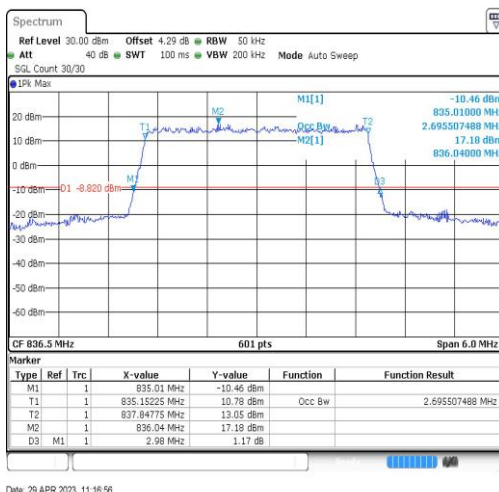
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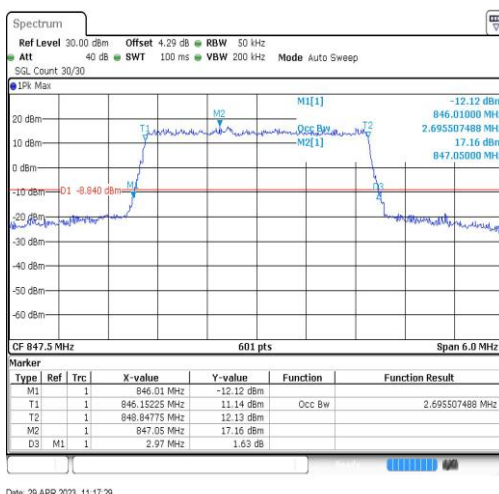
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Band26-3MHz-QPSK-26915-15RB#0-2.696



Band26-3MHz-QPSK-27025-15RB#0-2.696

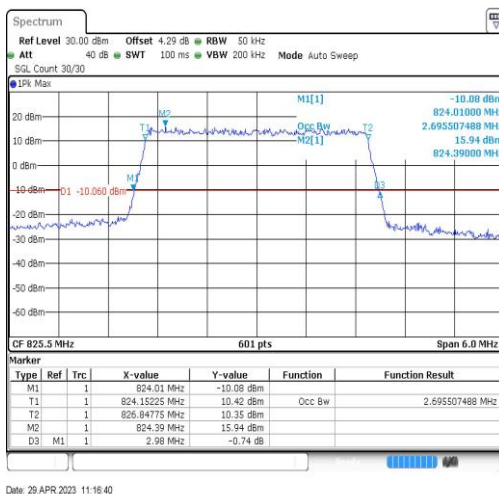


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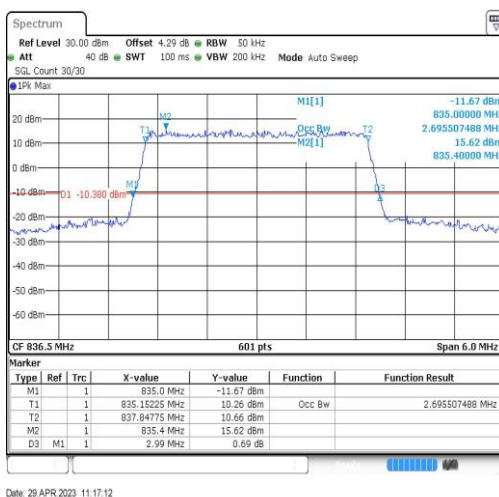
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Band26-3MHz-16QAM-26805-15RB#0-2.696



Band26-3MHz-16QAM-26915-15RB#0-2.696

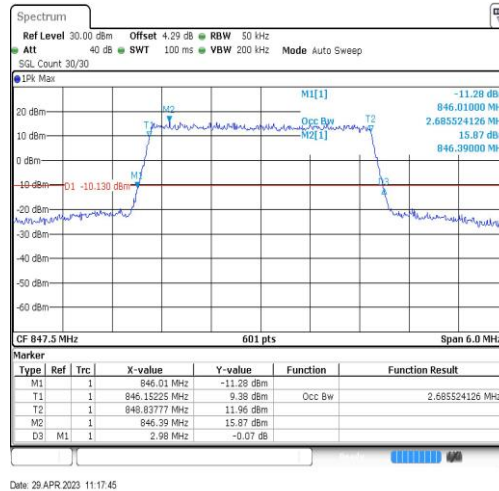


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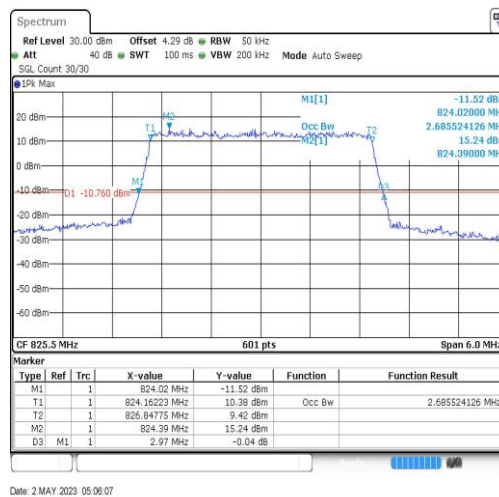
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Band26-3MHz-16QAM-27025-15RB#0-2.686



Band26-3MHz-64QAM-26805-15RB#0-2.686

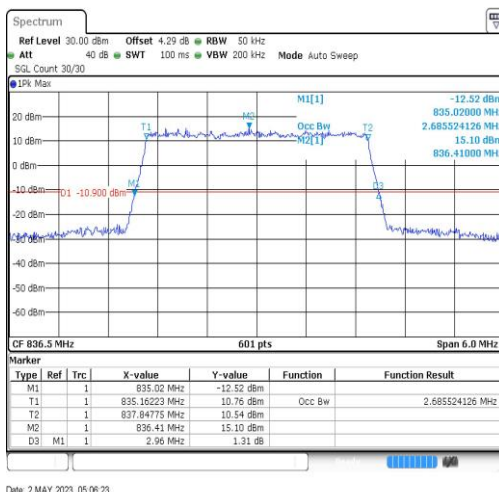


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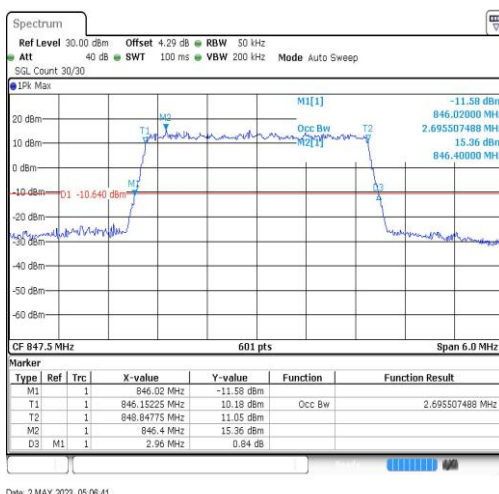
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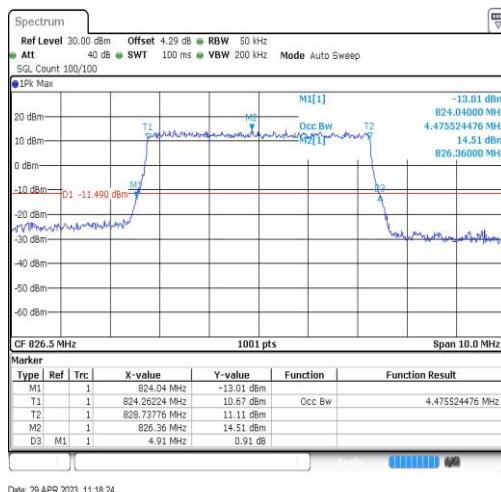
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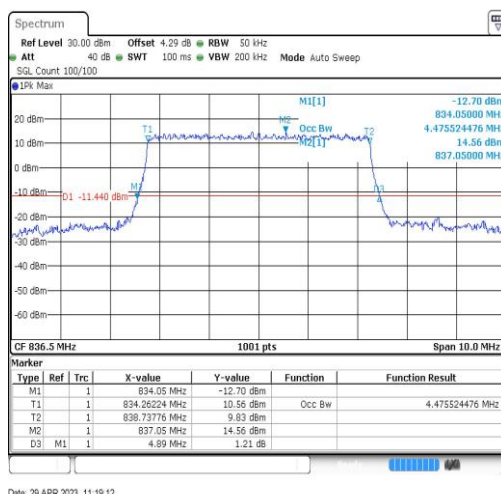
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Band26-5MHz-QPSK-26815-25RB#0-4.476



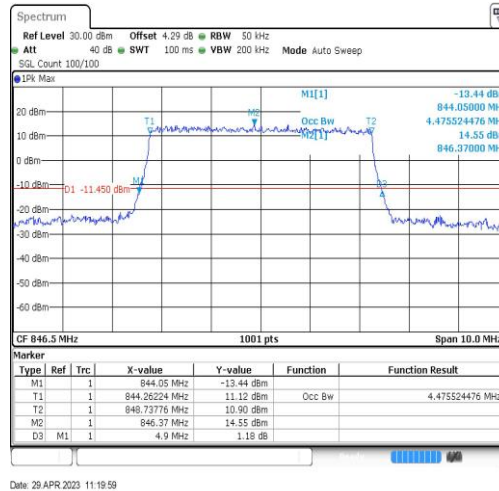
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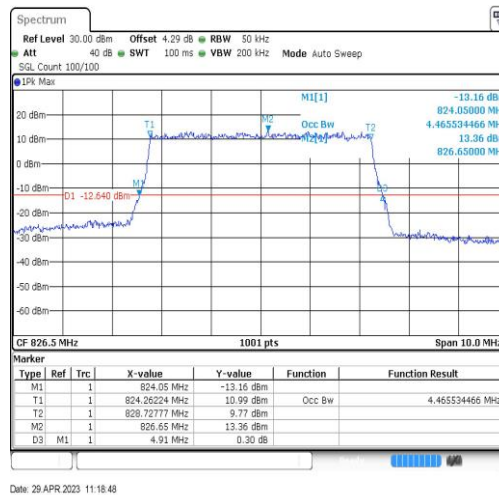
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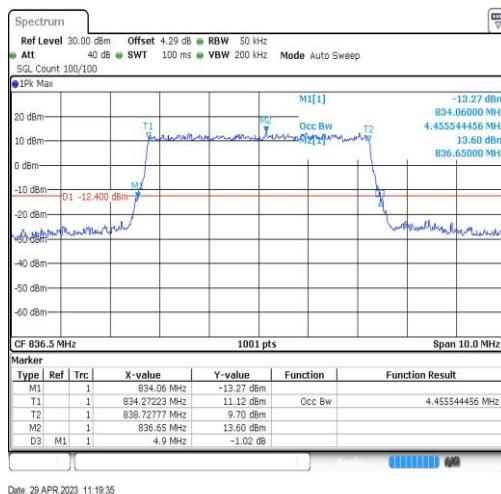


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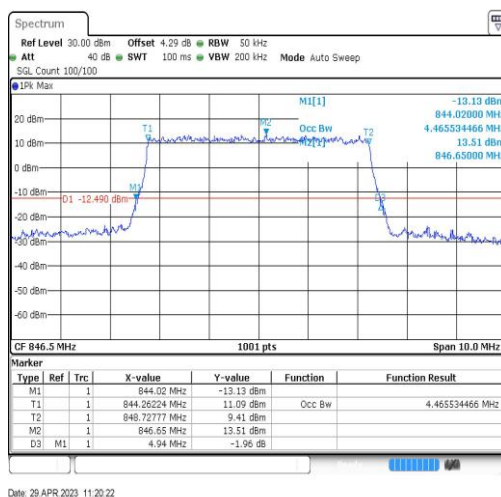


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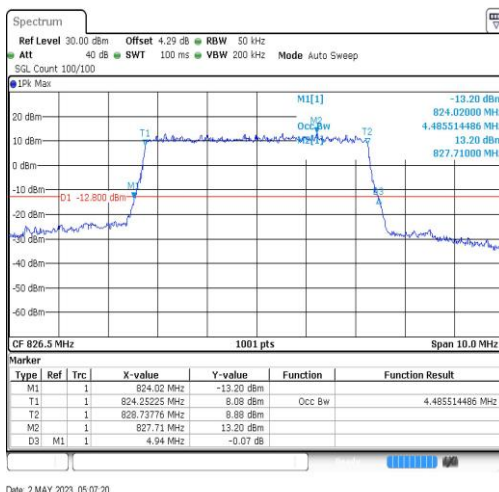
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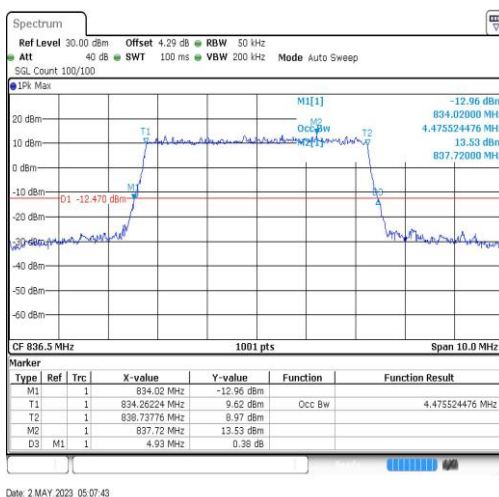
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Band26-5MHz-64QAM-26815-25RB#0-4.486



Band26-5MHz-64QAM-26915-25RB#0-4.476

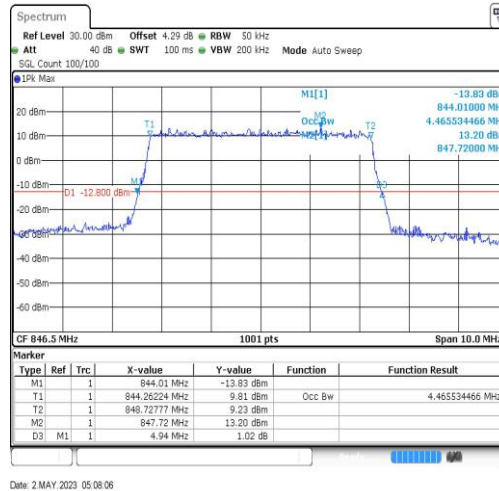


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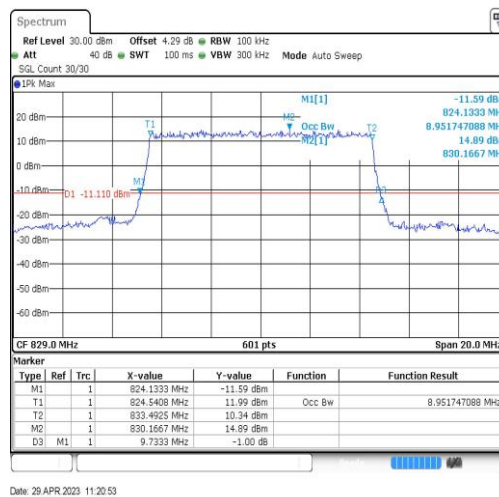
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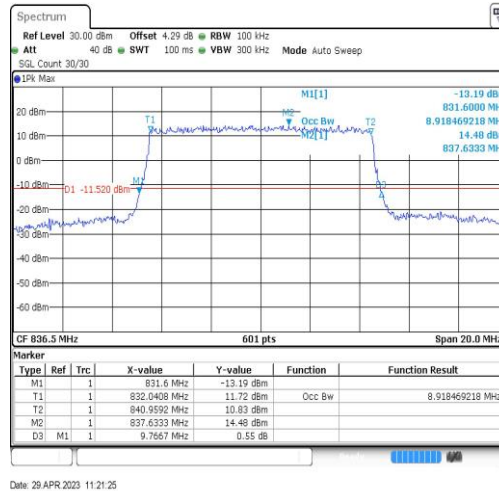


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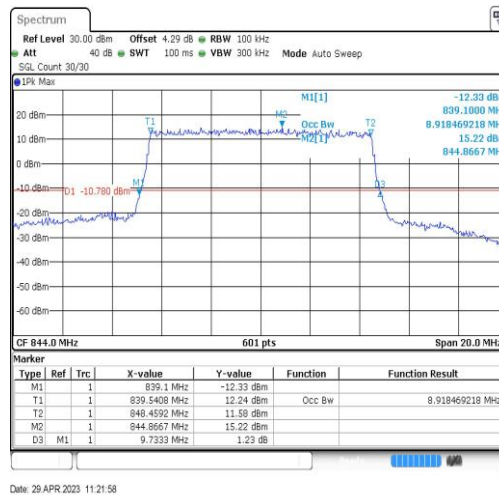


Band26-10MHz-QPSK-26840-50RB#0-8.952





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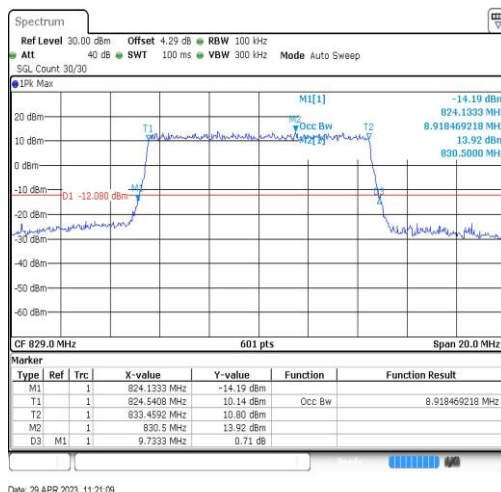
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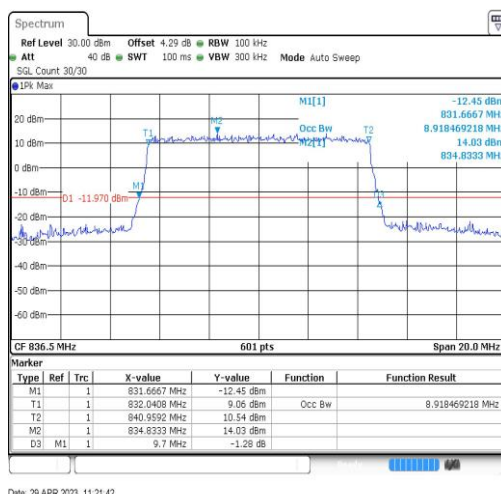
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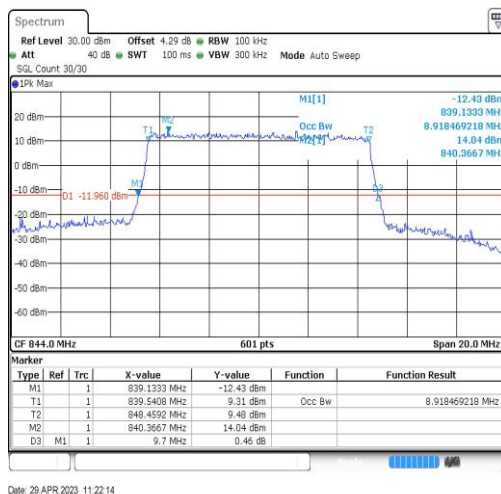
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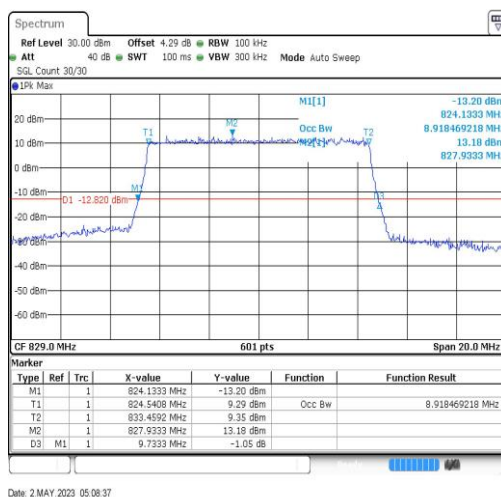
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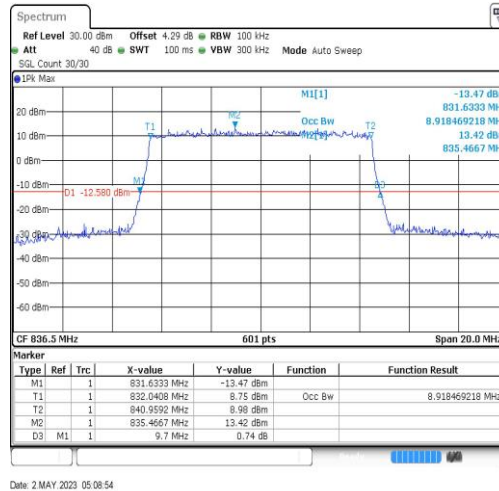
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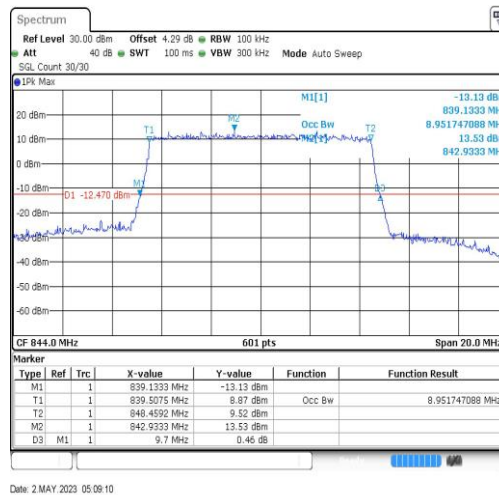
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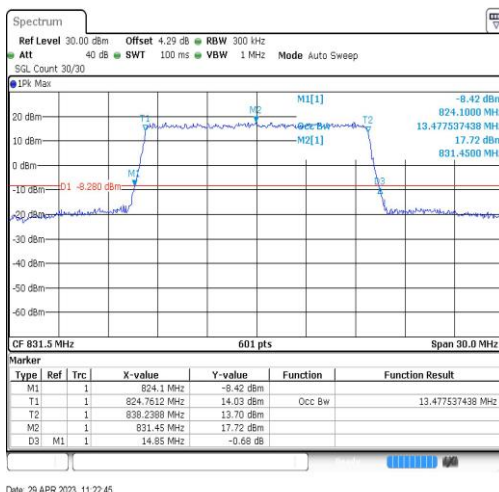
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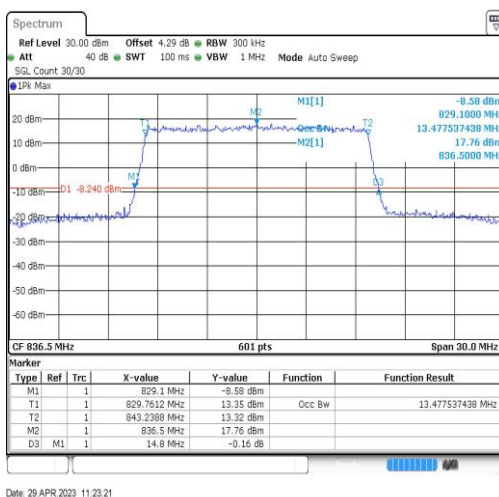
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Band26-15MHz-QPSK-26865-75RB#0-13.478



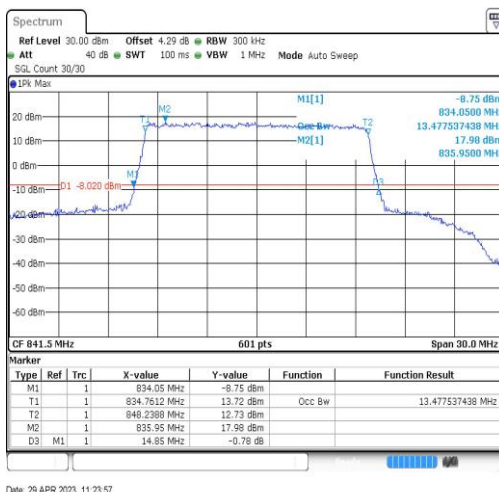
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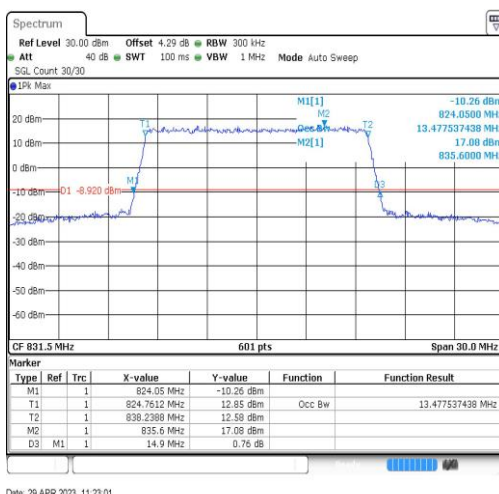
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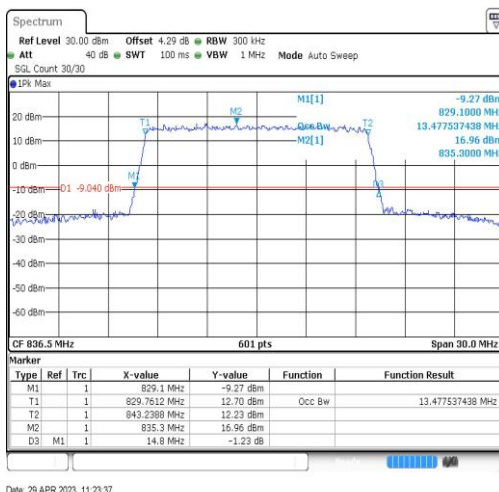
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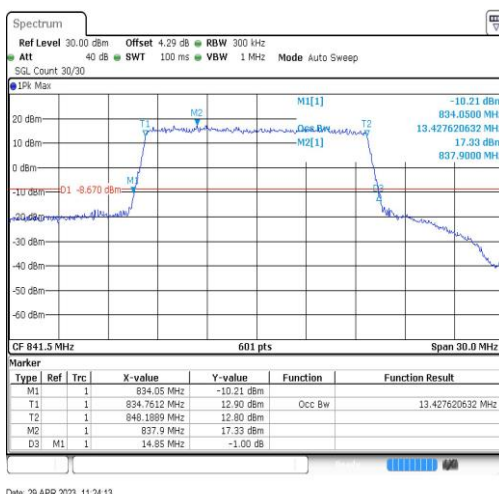
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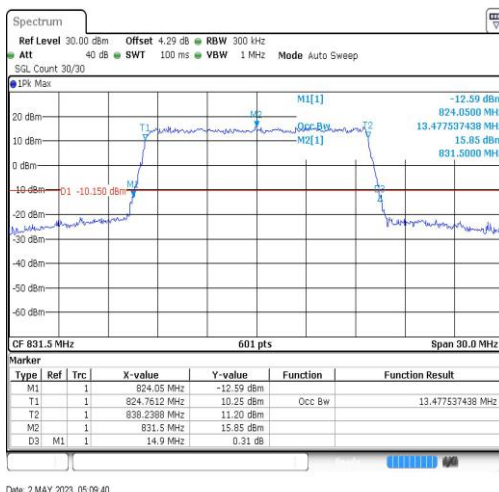
Band26-15MHz-16QAM-26965-75RB#0-13.428



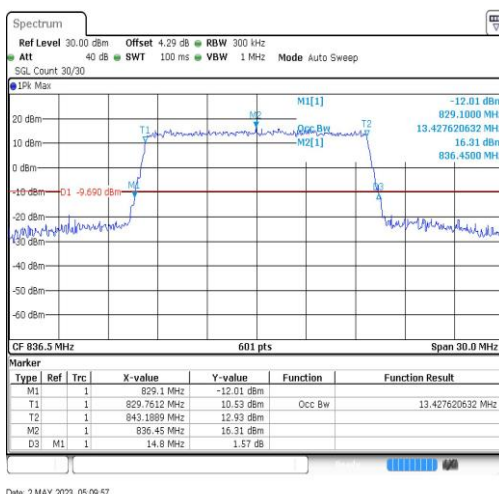
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Band26-15MHz-64QAM-26865-75RB#0-13.478



Band26-15MHz-64QAM-26915-75RB#0-13.428



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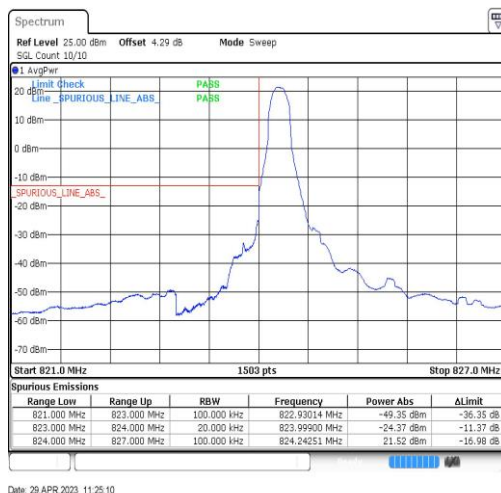
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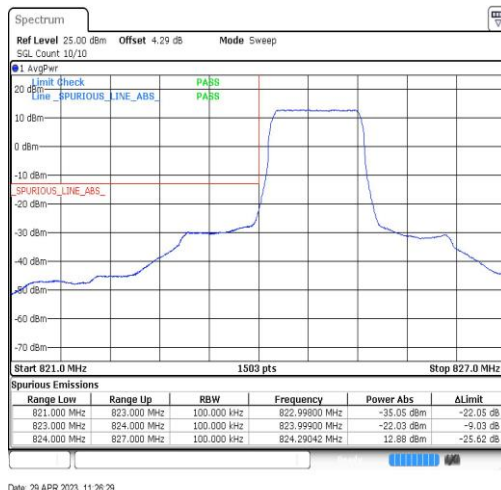


Band Edge

Test Graphs



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



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

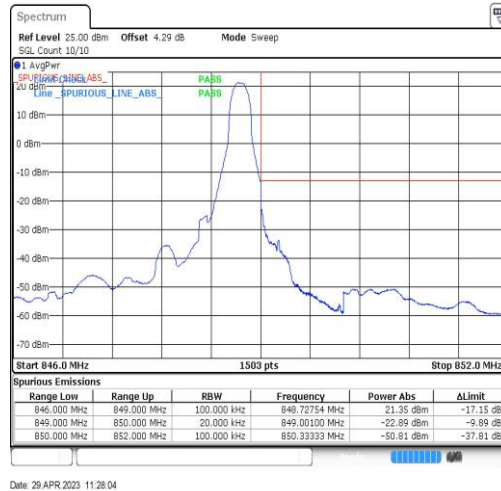


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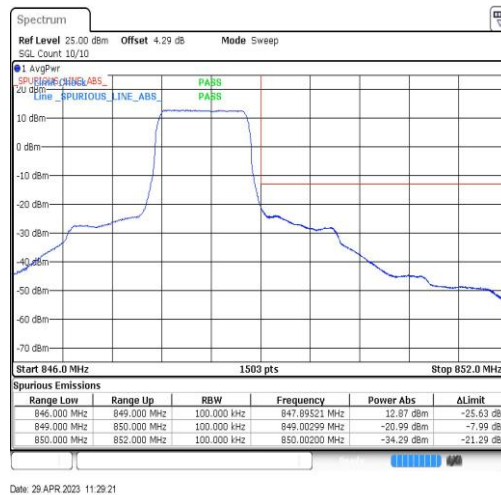
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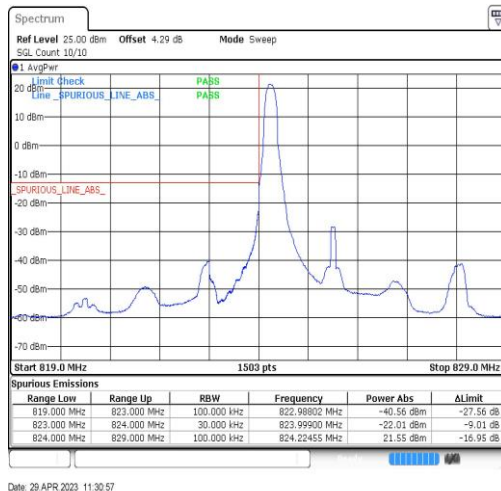


Band26-1.4MHz-QPSK-27033-1RB#5

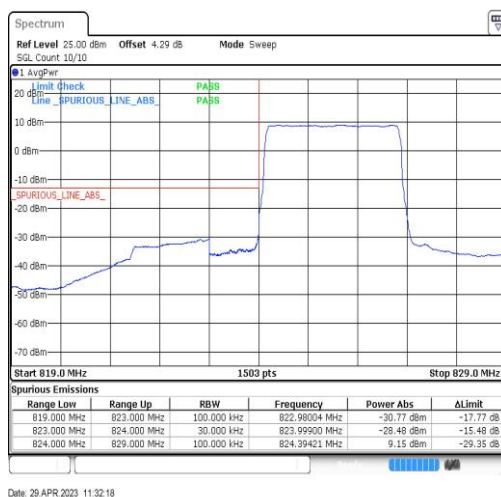


Band26-1.4MHz-QPSK-27033-6RB#0





Band26-3MHz-QPSK-26805-1RB#0



Band26-3MHz-QPSK-26805-15RB#0

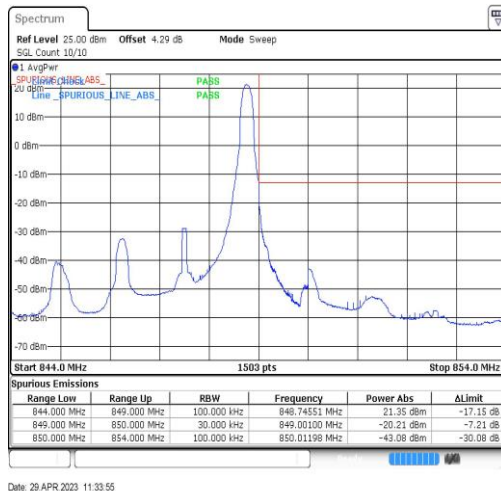


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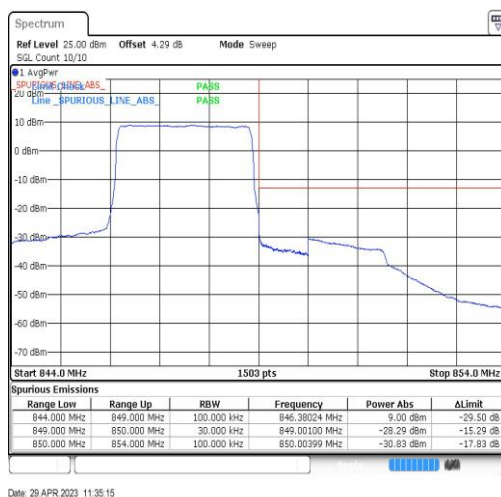
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Band26-3MHz-QPSK-27025-1RB#14



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

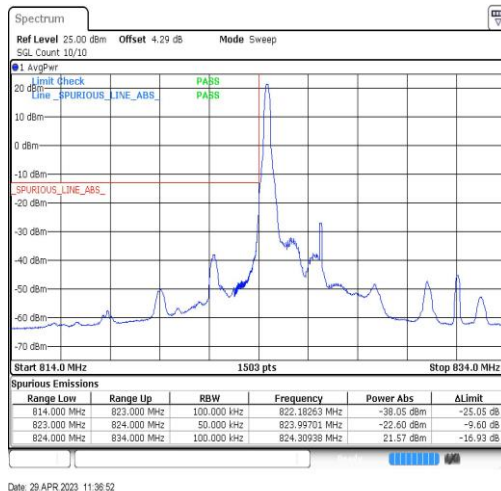


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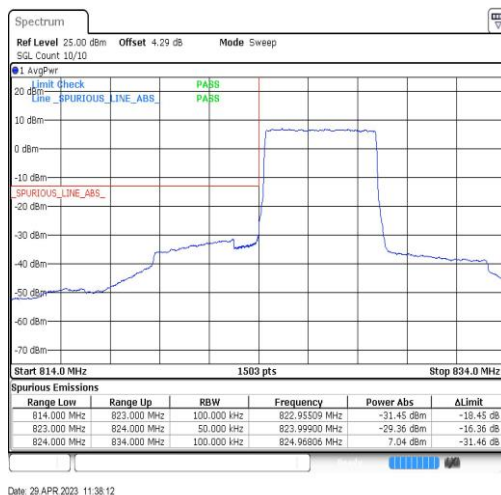
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Band26-5MHz-QPSK-26815-1RB#0



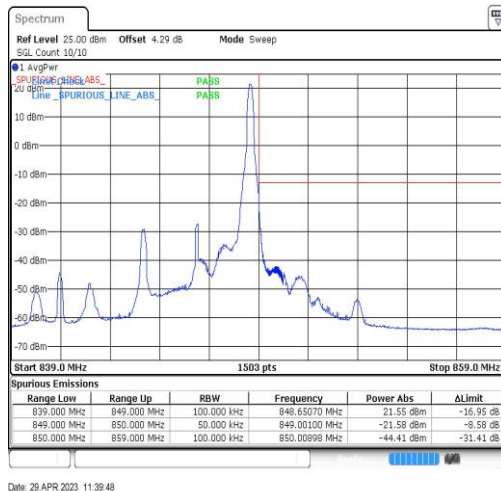
Band26-5MHz-QPSK-26815-25RB#0



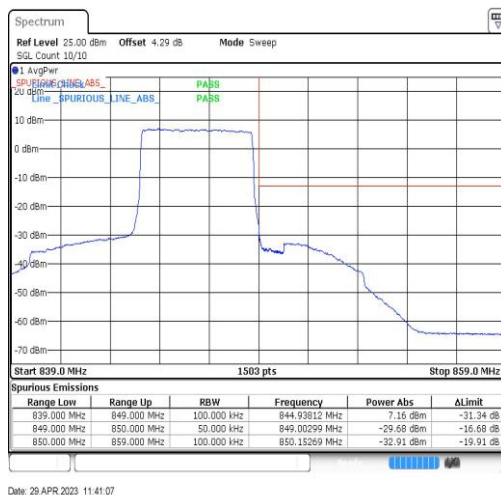
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Band26-5MHz-QPSK-27015-1RB#24



Band26-5MHz-QPSK-27015-25RB#0

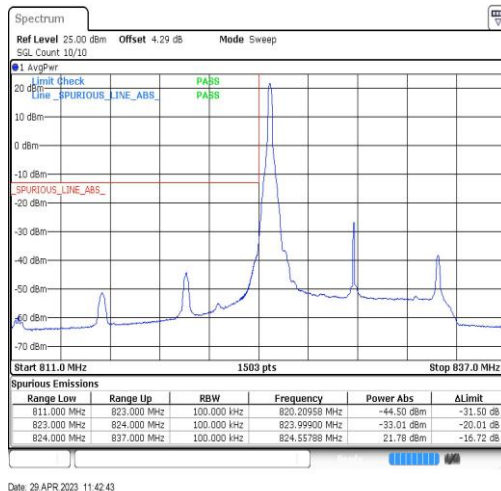


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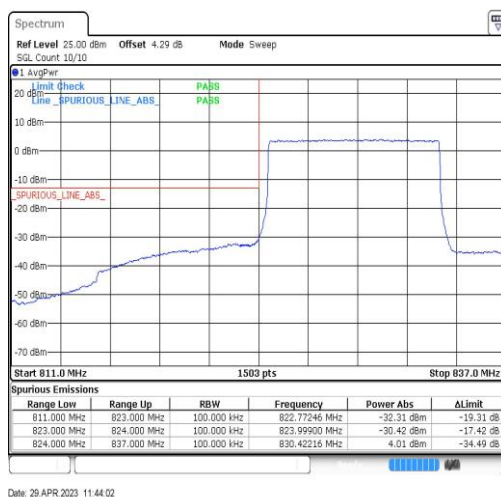
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Band26-10MHz-QPSK-26840-1RB#0



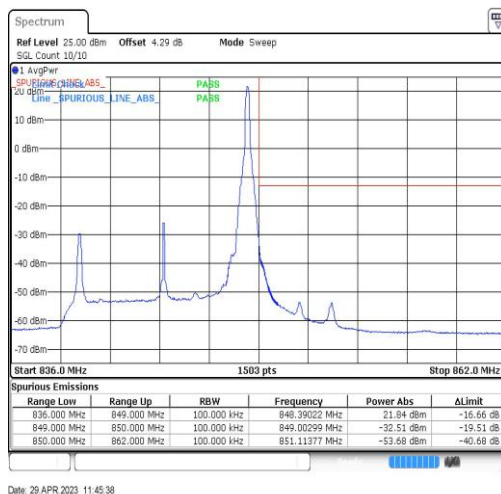
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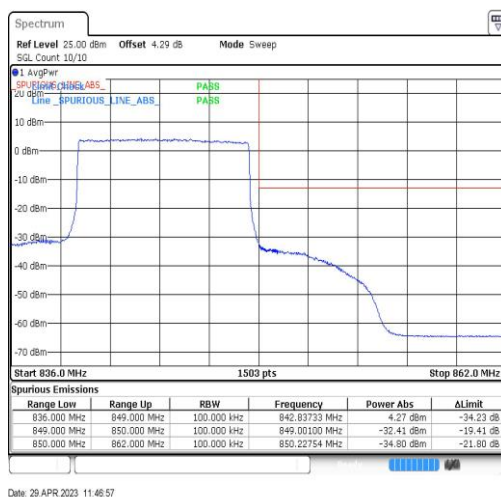
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Band26-10MHz-QPSK-26990-1RB#49

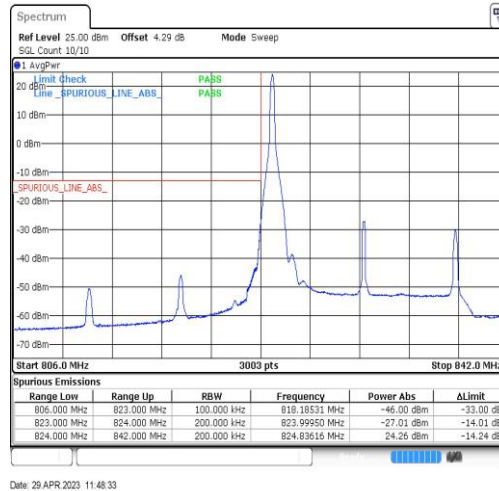


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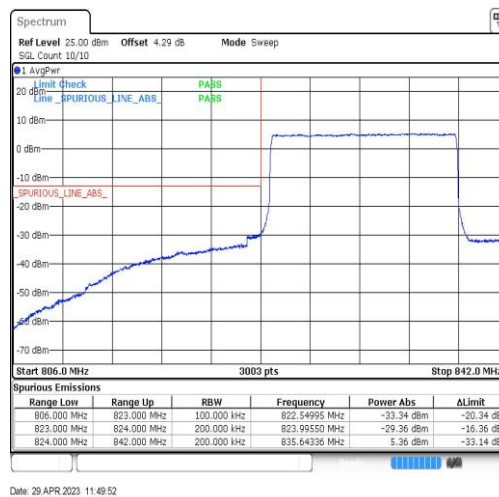


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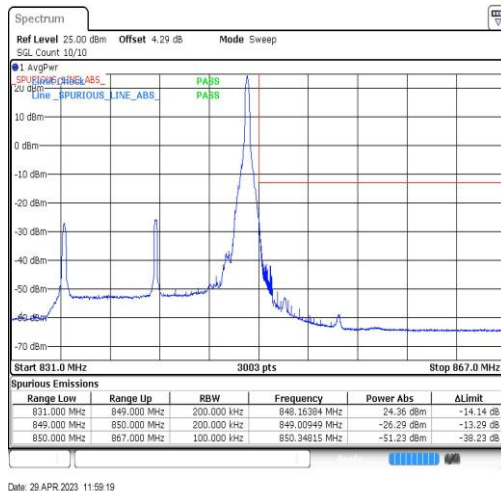


Band26-15MHz-QPSK-26865-1RB#0

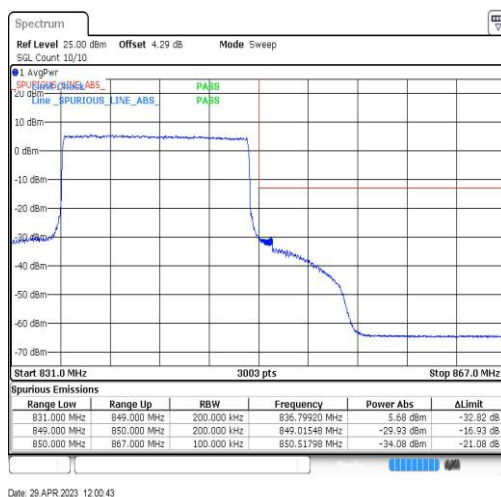


Band26-15MHz-QPSK-26865-75RB#0





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



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



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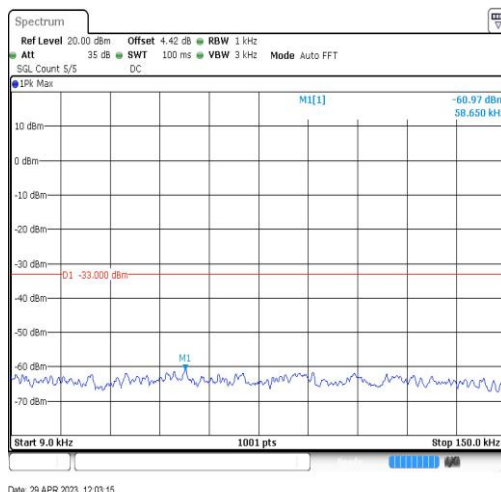
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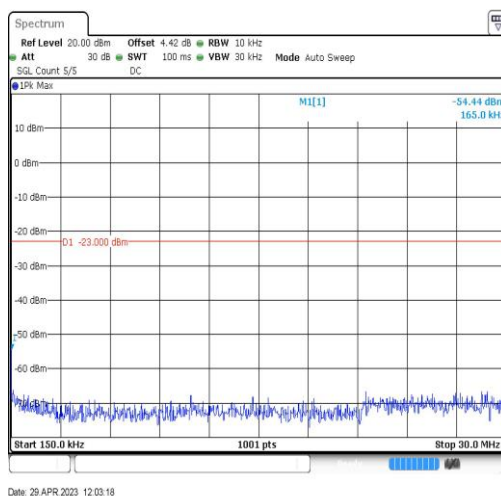


Conducted Spurious Emission

Test Graphs



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



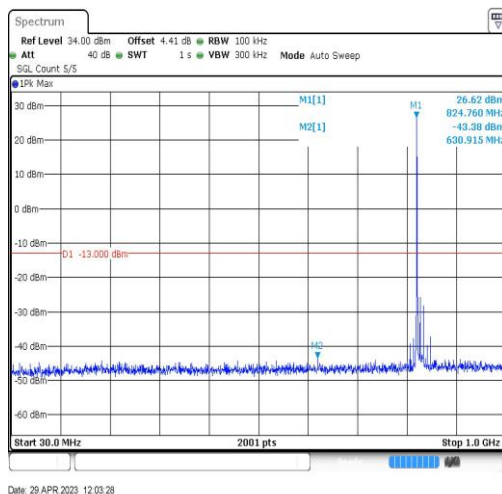
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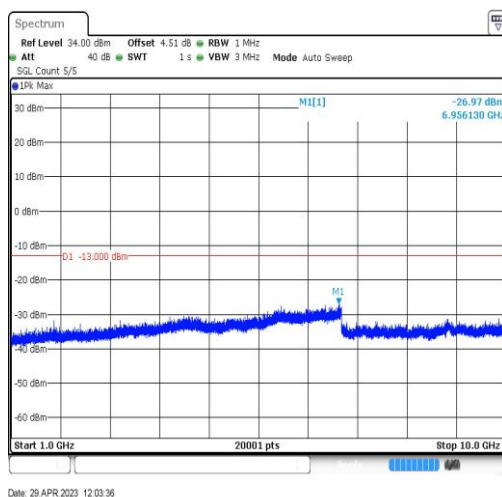
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Band26-15MHz-QPSK-26865-1RB#0-Range3:30~1000MHz



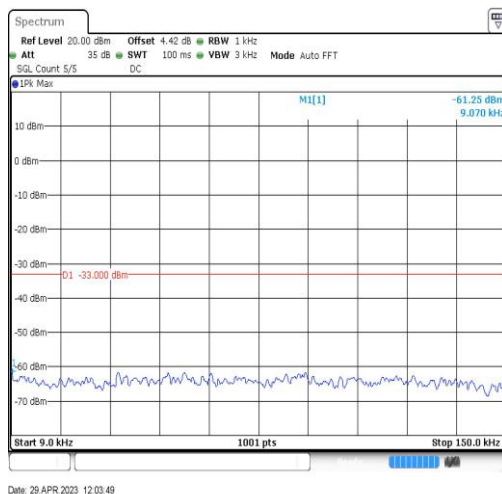
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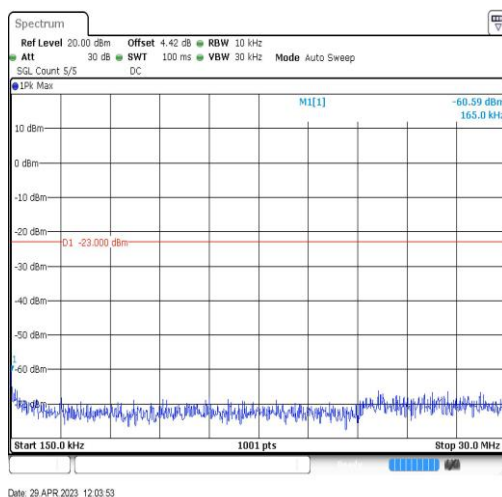
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Band26-15MHz-QPSK-26915-1RB#0-Range1:0.009~0.15MHz



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

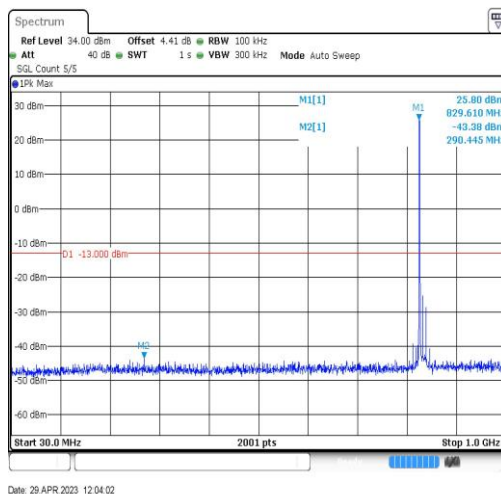


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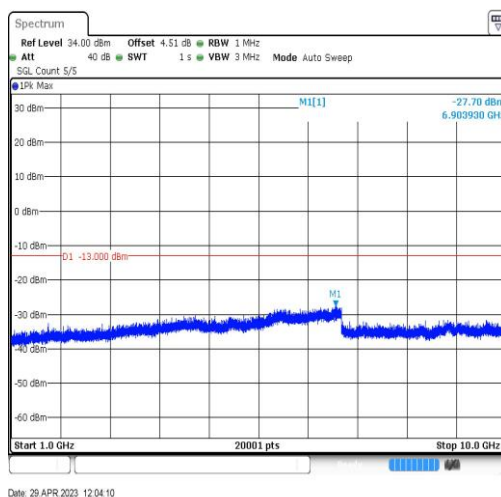
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Band26-15MHz-QPSK-26915-1RB#0-Range3:30~1000MHz



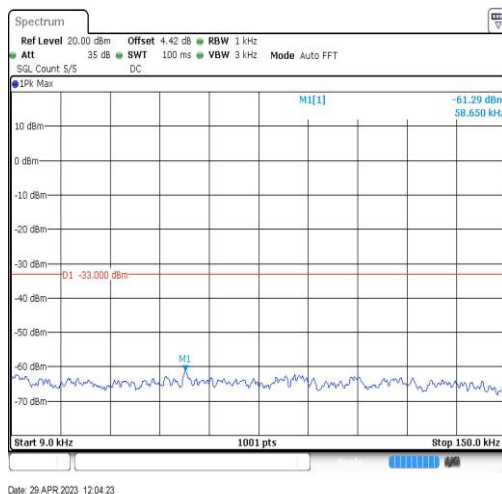
Band26-15MHz-QPSK-26915-1RB#0-Range4:1000~10000MHz



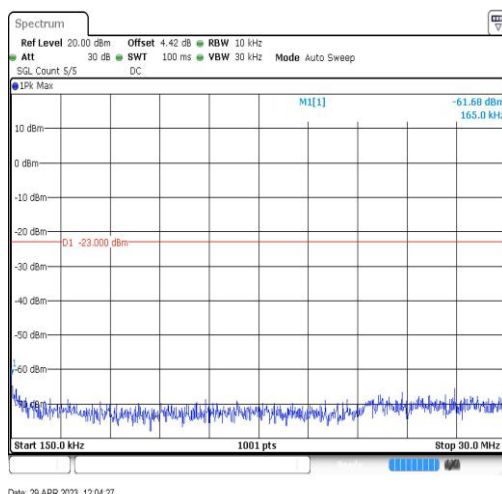
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Band26-15MHz-QPSK-26965-1RB#0-Range1:0.009~0.15MHz



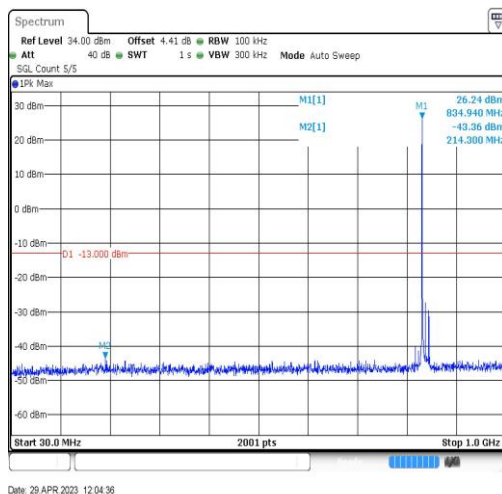
Band26-15MHz-QPSK-26965-1RB#0-Range2:0.15~30MHz



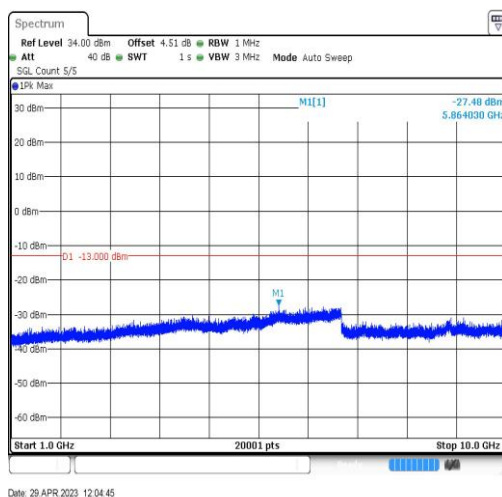
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Band26-15MHz-QPSK-26965-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE_26 ANT 13_TM1

Test Channel = 15MHz-LCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.5812	54.69	-47.52	25.50	-62.59	-13.00	49.59	255	69	Horizontal
2	2474.4343	50.25	-46.67	27.70	-63.98	-13.00	50.98	213	69	Horizontal
3	3719.986	48.48	-44.59	29.42	-61.95	-13.00	48.95	278	110	Horizontal
4	5674.8337	47.04	-41.22	32.50	-56.94	-13.00	43.94	166	52	Horizontal
5	7854.0427	44.05	-37.67	36.78	-52.10	-13.00	39.10	235	354	Horizontal
6	9551.6276	43.79	-35.82	37.80	-49.49	-13.00	36.49	269	47	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.8312	48.48	-47.52	25.50	-68.80	-13.00	55.80	141	66	Vertical
2	2474.1843	48.64	-46.67	27.70	-65.59	-13.00	52.59	254	154	Vertical
3	3720.336	48.96	-44.60	29.42	-61.48	-13.00	48.48	266	142	Vertical
4	5206.5103	47.42	-42.53	31.86	-58.51	-13.00	45.51	294	348	Vertical
5	7467.2734	44.51	-38.29	36.83	-52.21	-13.00	39.21	211	4	Vertical
6	9563.5282	43.56	-35.77	37.80	-49.67	-13.00	36.67	264	322	Vertical



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Test Band = LTE_26 ANT 13_TM1

Test Channel = 15MHz-MCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1659.5824	55.31	-47.50	25.42	-62.03	-13.00	49.03	163	62	Horizontal
2	2489.4362	51.13	-46.68	27.76	-63.05	-13.00	50.05	346	66	Horizontal
3	3730.4865	48.77	-44.64	29.48	-61.65	-13.00	48.65	171	285	Horizontal
4	4407.7704	48.42	-43.37	30.10	-60.11	-13.00	47.11	211	149	Horizontal
5	7446.6223	44.65	-38.28	36.79	-52.10	-13.00	39.10	179	2	Horizontal
6	9484.4242	43.69	-35.91	37.71	-49.77	-13.00	36.77	103	133	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1474.3093	48.51	-47.56	25.11	-69.20	-13.00	56.20	123	233	Vertical
2	2489.6862	49.89	-46.68	27.76	-64.29	-13.00	51.29	366	347	Vertical
3	3713.3357	48.93	-44.57	29.38	-61.52	-13.00	48.52	133	348	Vertical
4	5701.7851	47.13	-41.15	32.50	-56.78	-13.00	43.78	254	16	Vertical
5	7910.7455	44.04	-37.46	36.48	-52.20	-13.00	39.20	181	106	Vertical
6	9560.028	43.61	-35.79	37.80	-49.64	-13.00	36.64	246	111	Vertical



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Test Band = LTE_26 ANT 13_TM1

Test Channel = 15MHz-HCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1669.8337	52.21	-47.48	25.34	-65.19	-13.00	52.19	214	183	Horizontal
2	2504.4381	54.62	-46.67	27.80	-59.51	-13.00	46.51	258	69	Horizontal
3	3716.1358	48.93	-44.58	29.40	-61.51	-13.00	48.51	264	0	Horizontal
4	5354.9177	46.59	-42.13	32.23	-58.57	-13.00	45.57	166	243	Horizontal
5	7416.5208	44.59	-38.28	36.73	-52.22	-13.00	39.22	265	353	Horizontal
6	9556.8778	43.66	-35.80	37.80	-49.60	-13.00	36.60	199	211	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1669.5837	48.70	-47.48	25.34	-68.70	-13.00	55.70	351	65	Vertical
2	2504.4381	50.73	-46.67	27.80	-63.40	-13.00	50.40	311	148	Vertical
3	3920.896	48.15	-44.19	29.78	-61.52	-13.00	48.52	366	17	Vertical
4	5710.5355	47.07	-41.17	32.50	-56.86	-13.00	43.86	354	243	Vertical
5	7447.3224	44.58	-38.28	36.79	-52.17	-13.00	39.17	294	49	Vertical
6	9508.9254	43.88	-35.98	37.80	-49.56	-13.00	36.56	264	274	Vertical



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Test Band = LTE_26 ANT 31_TM1

Test Channel = 15MHz-LCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.5812	53.92	-47.52	25.50	-63.36	-13.00	50.36	388	215	Horizontal
2	2474.1843	48.38	-46.67	27.70	-65.85	-13.00	52.85	220	48	Horizontal
3	3608.6804	48.50	-44.36	28.97	-62.15	-13.00	49.15	282	301	Horizontal
4	5695.1348	47.26	-41.15	32.50	-56.65	-13.00	43.65	357	180	Horizontal
5	7423.5212	45.18	-38.28	36.75	-51.61	-13.00	38.61	163	333	Horizontal
6	9914.5957	42.98	-35.34	38.61	-49.01	-13.00	36.01	140	296	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.5812	49.26	-47.52	25.50	-68.02	-13.00	55.02	205	246	Vertical
2	2409.4262	49.15	-46.62	27.44	-65.29	-13.00	52.29	132	193	Vertical
3	3909.3455	48.83	-44.20	29.74	-60.89	-13.00	47.89	220	306	Vertical
4	5596.0798	47.45	-41.46	32.57	-56.70	-13.00	43.70	110	190	Vertical
5	7868.0434	44.79	-37.61	36.69	-51.39	-13.00	38.39	169	206	Vertical
6	9899.895	42.87	-34.96	38.60	-48.75	-13.00	35.75	265	106	Vertical



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Test Band = LTE_26 ANT 31_TM1

Test Channel = 15MHz-MCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1659.8325	54.00	-47.50	25.42	-63.34	-13.00	50.34	164	196	Horizontal
2	2414.4268	49.70	-46.62	27.46	-64.72	-13.00	51.72	233	86	Horizontal
3	3660.483	48.68	-44.45	29.30	-61.73	-13.00	48.73	122	154	Horizontal
4	5694.7847	47.28	-41.16	32.50	-56.64	-13.00	43.64	295	148	Horizontal
5	7684.2842	44.80	-37.76	36.74	-51.48	-13.00	38.48	165	164	Horizontal
6	9917.0459	43.03	-35.41	38.62	-49.02	-13.00	36.02	226	80	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1659.5824	49.78	-47.50	25.42	-67.56	-13.00	54.56	245	69	Vertical
2	2489.6862	48.54	-46.68	27.76	-65.64	-13.00	52.64	336	77	Vertical
3	3717.8859	48.67	-44.59	29.41	-61.77	-13.00	48.77	213	207	Vertical
4	5716.1358	47.28	-41.19	32.50	-56.67	-13.00	43.67	201	28	Vertical
5	7434.3717	44.93	-38.28	36.77	-51.84	-13.00	38.84	229	317	Vertical
6	9909.6955	43.10	-35.21	38.61	-48.76	-13.00	35.76	264	175	Vertical



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Test Band = LTE_26 ANT 31_TM1

Test Channel = 15MHz-HCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1669.5837	51.76	-47.48	25.34	-65.64	-13.00	52.64	204	199	Horizontal
2	2504.188	50.23	-46.67	27.80	-63.90	-13.00	50.90	233	33	Horizontal
3	3714.7357	48.57	-44.57	29.39	-61.87	-13.00	48.87	112	285	Horizontal
4	5409.5205	47.03	-41.98	32.44	-57.77	-13.00	44.77	281	360	Horizontal
5	7449.0725	45.08	-38.28	36.80	-51.66	-13.00	38.66	226	322	Horizontal
6	9916.3458	43.42	-35.39	38.62	-48.61	-13.00	35.61	165	159	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1436.5546	48.63	-47.47	25.19	-68.91	-13.00	55.91	338	233	Vertical
2	2504.4381	48.99	-46.67	27.80	-65.14	-13.00	52.14	189	166	Vertical
3	3911.0956	48.62	-44.20	29.74	-61.10	-13.00	48.10	187	90	Vertical
4	5700.385	47.09	-41.14	32.50	-56.81	-13.00	43.81	111	216	Vertical
5	7848.4424	44.58	-37.70	36.79	-51.59	-13.00	38.59	363	316	Vertical
6	9891.8446	42.90	-35.02	38.53	-48.85	-13.00	35.85	264	284	Vertical



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Test on the worst case:

Test Band = LTE_Band 26_15MHz ANT 31

Test Channel = HCH

FinalData List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1381.5	47.57	-47.48	24.97	-70.20	-13.00	57.20	Horizontal
2	1957.5	51.21	-47.00	25.65	-65.40	-13.00	52.40	Horizontal
3	3097	47.25	-45.89	28.89	-65.01	-13.00	52.01	Horizontal
4	5811	45.48	-41.08	32.44	-58.42	-13.00	45.42	Horizontal
5	7463	43.85	-38.37	36.83	-52.95	-13.00	39.95	Horizontal
6	9933.5	42.05	-35.42	38.63	-50.00	-13.00	37.00	Horizontal

FinalData List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1160	48.06	-47.82	24.52	-70.50	-13.00	57.50	Vertical
2	1628.5	47.70	-47.56	25.33	-69.79	-13.00	56.79	Vertical
3	2509	47.65	-46.64	27.80	-66.45	-13.00	53.45	Vertical
4	4449.5	46.61	-43.16	30.10	-61.71	-13.00	48.71	Vertical
5	7416	43.54	-38.35	36.73	-53.34	-13.00	40.34	Vertical
6	9922.5	42.04	-35.38	38.62	-49.98	-13.00	36.98	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	VN	NT	-0.90	-0.001076	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VL	NT	-1.50	-0.001793	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	VH	NT	2.60	0.003108	±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	-1.50	-0.001793	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	-10	-1.50	-0.001793	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	0	1.20	0.001435	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	10	0.60	0.000717	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	20	-2.20	-0.002630	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	30	-1.50	-0.001793	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	40	2.00	0.002391	±2.5	PASS
Band26	15MHz	QPSK	26915	75RB#0	NV	50	-1.90	-0.002271	±2.5	PASS

---End of Attachment---



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