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Appendix B.8

LTE Band 26(824-849)

SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band26	1.4MHz	QPSK	26797	1RB#0	22.15	19.01	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	22.41	19.27	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	22.27	19.13	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	21.59	18.45	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	21.97	18.83	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	22.37	19.23	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	21.8	18.66	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	21.34	18.2	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	21.65	18.51	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	20.72	17.58	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	18.81	15.67	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	19.96	16.82	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	21.17	18.03	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	22.09	18.95	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	21.47	18.33	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	20.7	17.56	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	21.08	17.94	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	21.76	18.62	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	20.96	17.82	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	20.28	17.14	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	20.55	17.41	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	19.88	16.74	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	18.12	14.98	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	19.33	16.19	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	22.32	19.18	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	22.4	19.26	38.45	PASS



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Band26	3MHz	QPSK	26805	1RB#14	22.39	19.25	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	21.97	18.83	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	22.3	19.16	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	22.33	19.19	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	21.92	18.78	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	21.63	18.49	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	22.32	19.18	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	22.12	18.98	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	19.47	16.33	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	21.19	18.05	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	21.89	18.75	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	22.12	18.98	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	21.72	18.58	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	21.04	17.9	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	21.81	18.67	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.53	18.39	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	21.1	17.96	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	20.6	17.46	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	21.6	18.46	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	21.14	18	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	18.24	15.1	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	20.27	17.13	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	22.47	19.33	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	22	18.86	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.38	19.24	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	22.14	19	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	22.2	19.06	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	22.45	19.31	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	22.16	19.02	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	21.5	18.36	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	22.44	19.3	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	22.39	19.25	38.45	PASS



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Band26	5MHz	QPSK	27015	1RB#24	20.27	17.13	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	21.66	18.52	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	22.06	18.92	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	22.04	18.9	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	21.77	18.63	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.24	18.1	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.29	19.15	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	21.71	18.57	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	21.42	18.28	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	20.57	17.43	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.31	19.17	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	21.78	18.64	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	19.26	16.12	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	20.84	17.7	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	22.43	19.29	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	22.39	19.25	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	22.35	19.21	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	21.92	18.78	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	22.4	19.26	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	22.35	19.21	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	22.35	19.21	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	21.62	18.48	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	22.32	19.18	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	22.42	19.28	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	20.41	17.27	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	21.69	18.55	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	22.31	19.17	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	22.17	19.03	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	21.93	18.79	38.45	PASS
Band26	10MHz	16QAM	26840	27RB#0	21.76	18.62	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.3	19.16	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.02	18.88	38.45	PASS



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Band26	10MHz	16QAM	26915	1RB#49	21.96	18.82	38.45	PASS
Band26	10MHz	16QAM	26915	27RB#0	21.34	18.2	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	21.49	18.35	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.4	19.26	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	20.82	17.68	38.45	PASS
Band26	10MHz	16QAM	26990	27RB#0	20.81	17.67	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	22.46	19.32	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	22.36	19.22	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	22.36	19.22	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	21.89	18.75	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	22.31	19.17	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	22.36	19.22	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.36	19.22	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	21.37	18.23	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	22.44	19.3	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	22.36	19.22	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	20.82	17.68	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	21.8	18.66	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	22.36	19.22	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	22.09	18.95	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	22.31	19.17	38.45	PASS
Band26	15MHz	16QAM	26865	27RB#0	21.51	18.37	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	22.29	19.15	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.07	18.93	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	21.93	18.79	38.45	PASS
Band26	15MHz	16QAM	26915	27RB#0	21.23	18.09	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.32	19.18	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.21	19.07	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	21.05	17.91	38.45	PASS
Band26	15MHz	16QAM	26965	27RB#0	21.16	18.02	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	5.78	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	5.72	13	PASS
Band26	15MHz	QPSK	26965	75RB#0	5.50	13	PASS
Band26	15MHz	16QAM	26865	27RB#0	6.18	13	PASS
Band26	15MHz	16QAM	26915	27RB#0	6.18	13	PASS
Band26	15MHz	16QAM	26965	27RB#0	6.18	13	PASS

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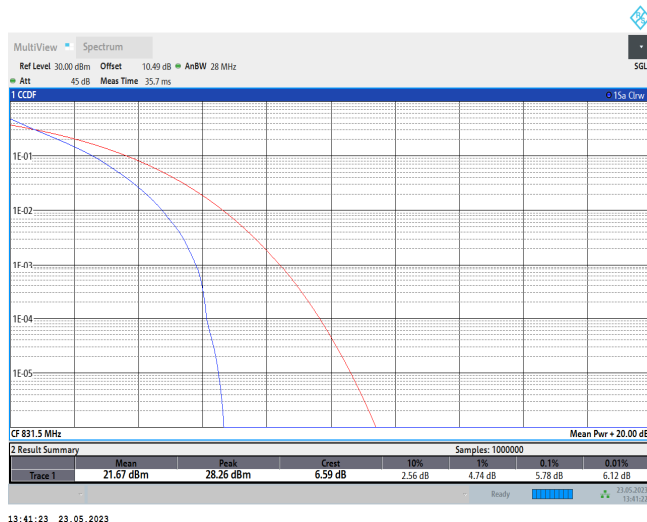
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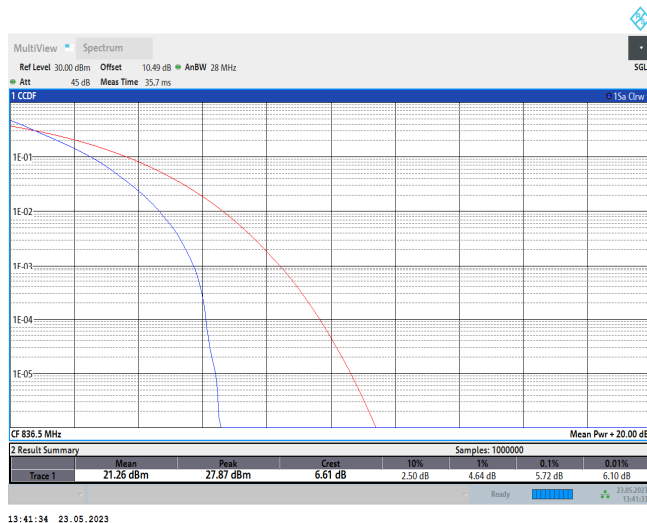
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Test Graphs

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



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

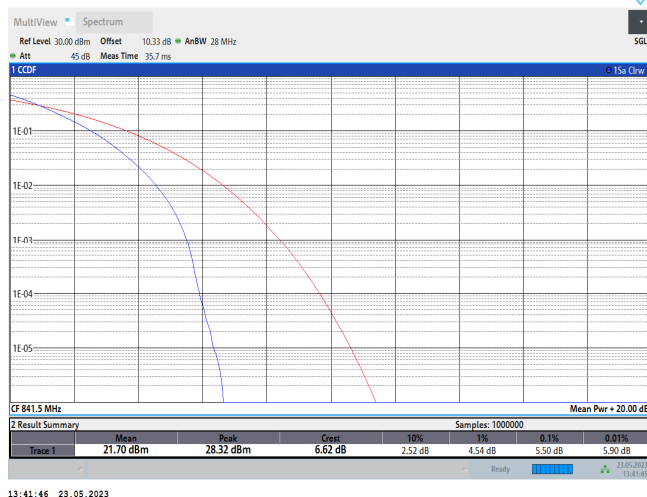


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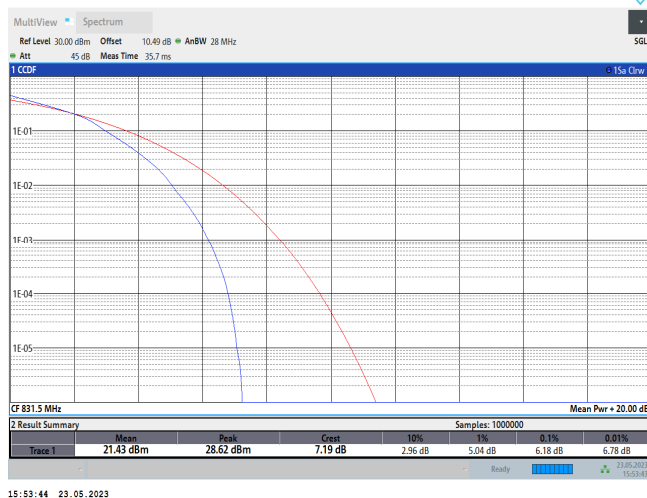
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Band26-15MHz-QPSK-26965-75RB#0



Band26-15MHz-16QAM-26865-27RB#0

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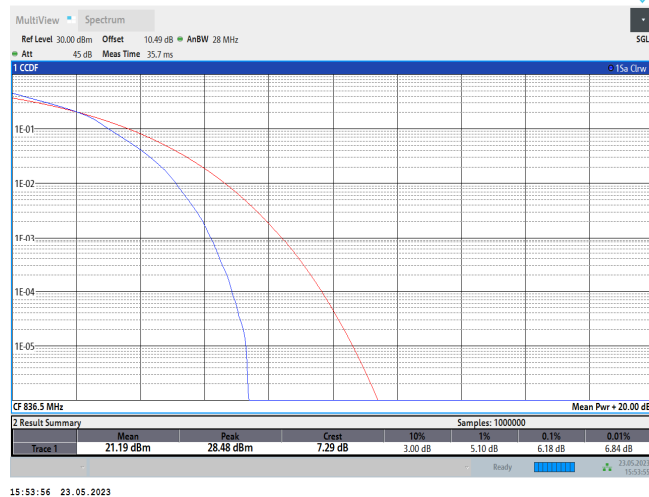
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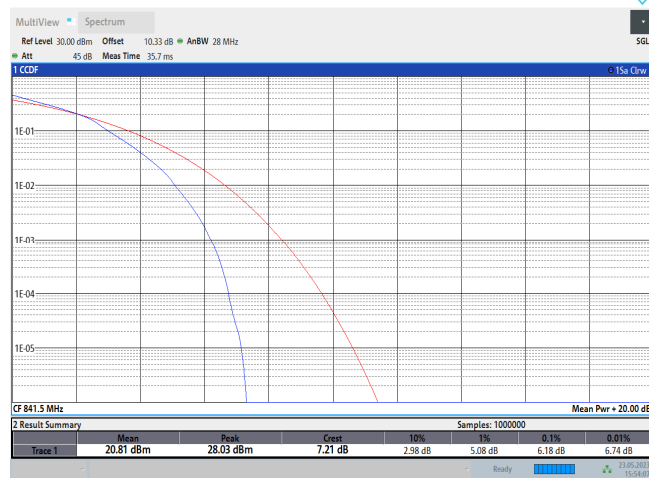
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Band26-15MHz-16QAM-26915-27RB#0



15:53:56 23.05.2023

Band26-15MHz-16QAM-26965-27RB#0



15:54:08 23.05.2023

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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band26	15MHz	QPSK	26915	75RB#0	PASS	PASS
Band26	15MHz	16QAM	26915	27RB#0	PASS	PASS

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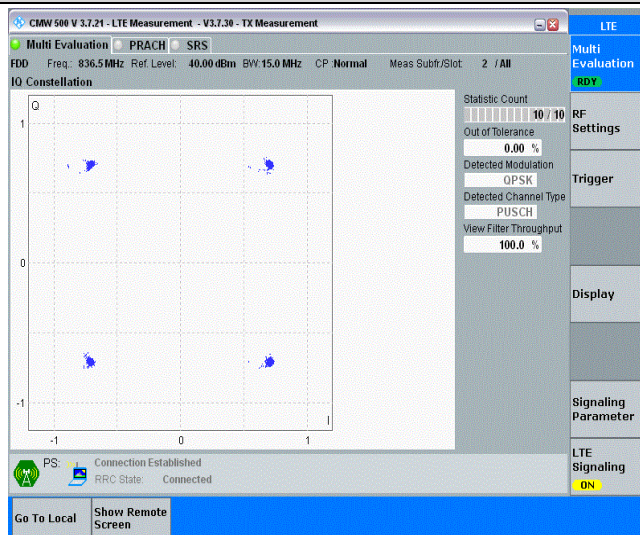
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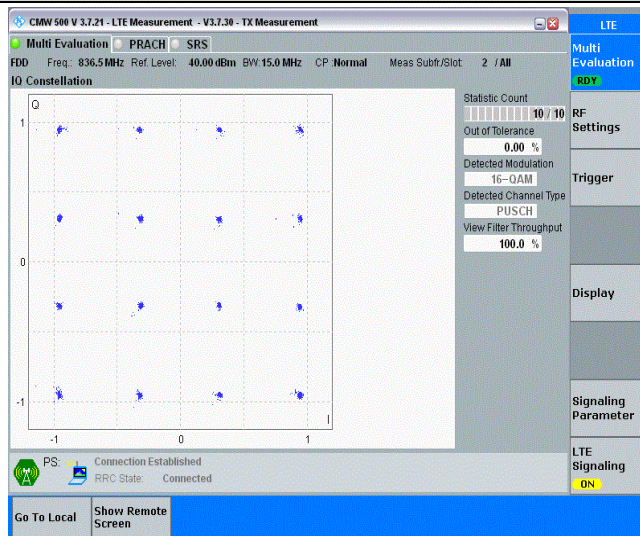
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Test Graphs

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



Band26-15MHz-16QAM-26915-27RB#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	1.095	1.44	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.1	1.49	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	1.094	1.42	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	1.108	1.50	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.104	1.48	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	1.103	1.48	PASS
Band26	3MHz	QPSK	26805	15RB#0	2.686	3.09	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.69	3.20	PASS
Band26	3MHz	QPSK	27025	15RB#0	2.678	3.15	PASS
Band26	3MHz	16QAM	26805	15RB#0	2.683	3.14	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.687	3.21	PASS
Band26	3MHz	16QAM	27025	15RB#0	2.673	3.15	PASS
Band26	5MHz	QPSK	26815	25RB#0	4.469	4.98	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.451	5.02	PASS
Band26	5MHz	QPSK	27015	25RB#0	4.444	4.95	PASS
Band26	5MHz	16QAM	26815	25RB#0	4.453	4.97	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.463	4.99	PASS
Band26	5MHz	16QAM	27015	25RB#0	4.442	4.92	PASS
Band26	10MHz	QPSK	26840	50RB#0	8.898	9.60	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.888	9.53	PASS
Band26	10MHz	QPSK	26990	50RB#0	8.888	9.63	PASS
Band26	10MHz	16QAM	26840	27RB#0	4.933	6.33	PASS
Band26	10MHz	16QAM	26915	27RB#0	4.936	6.53	PASS
Band26	10MHz	16QAM	26990	27RB#0	4.933	6.47	PASS
Band26	15MHz	QPSK	26865	75RB#0	13.571	16.75	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.56	16.70	PASS
Band26	15MHz	QPSK	26965	75RB#0	13.522	16.25	PASS
Band26	15MHz	16QAM	26865	27RB#0	5.903	9.45	PASS
Band26	15MHz	16QAM	26915	27RB#0	5.917	8.85	PASS
Band26	15MHz	16QAM	26965	27RB#0	5.78	10.20	PASS



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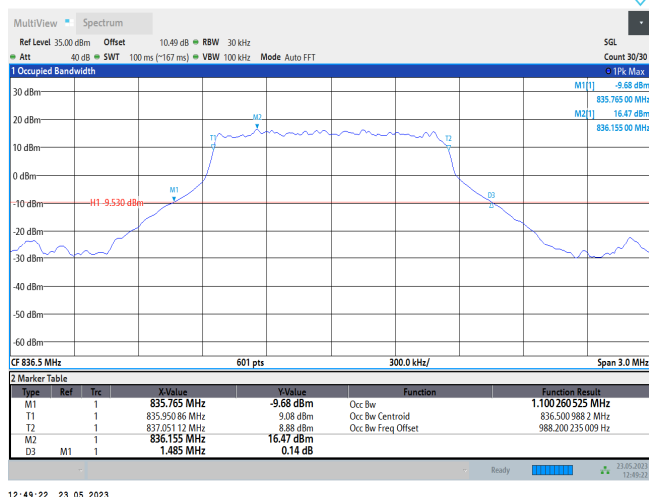
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Test Graphs

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



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

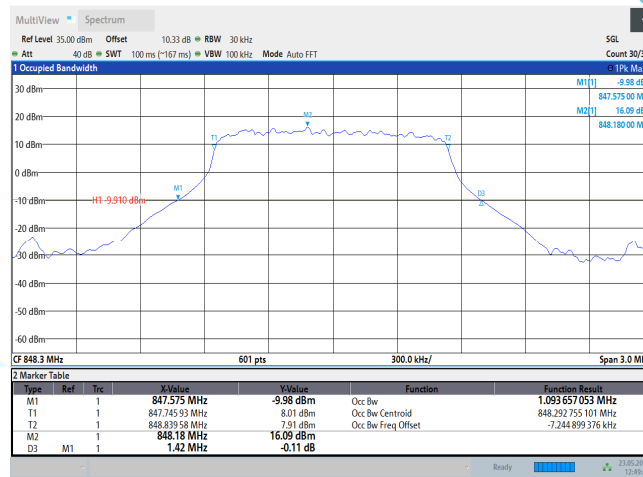


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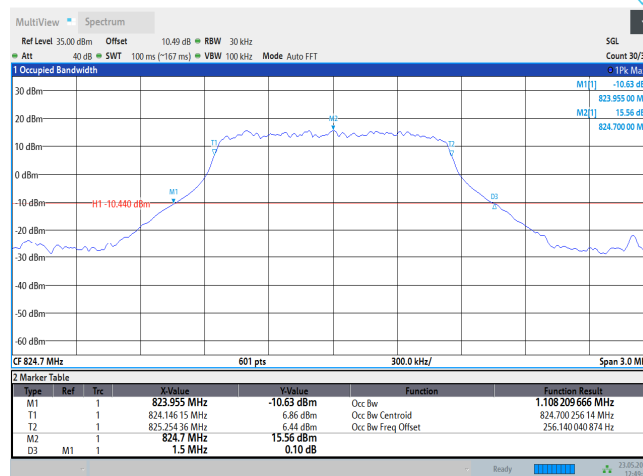
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Band26-1.4MHz-QPSK-27033-6RB#0



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



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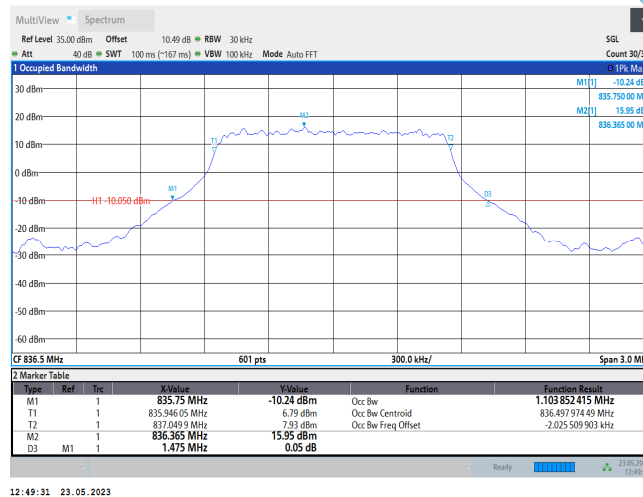
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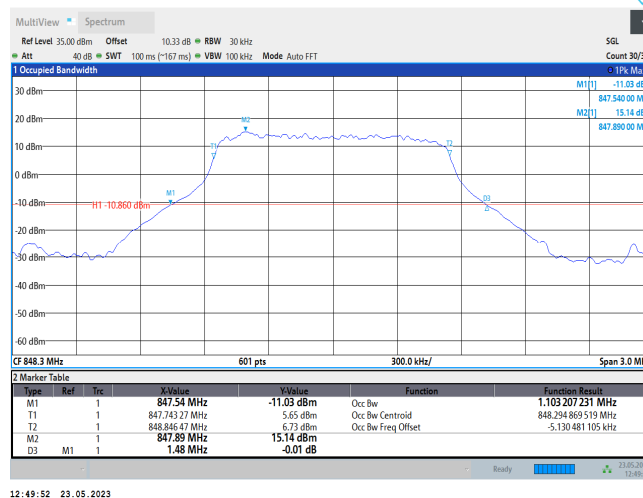
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Band26-1.4MHz-16QAM-26915-6RB#0



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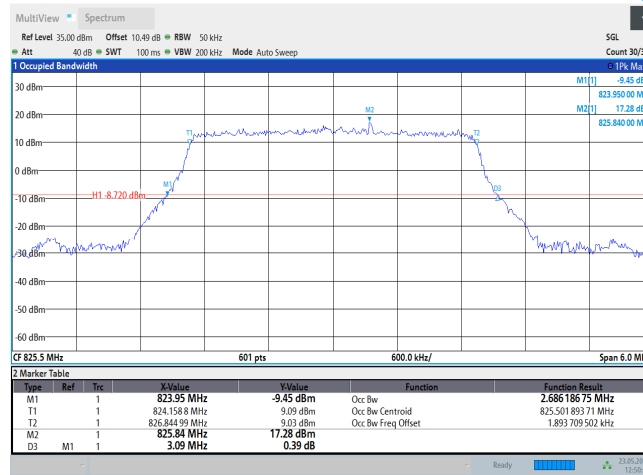


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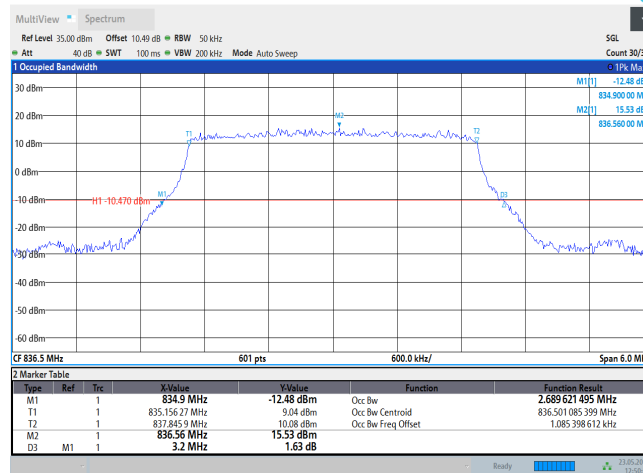
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Band26-3MHz-QPSK-26805-15RB#0



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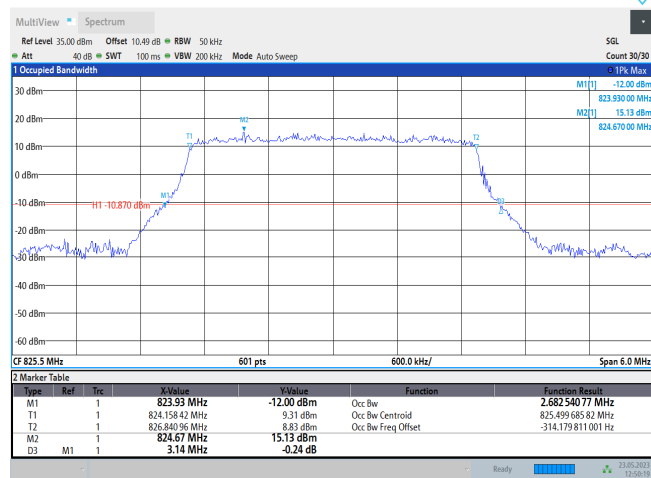
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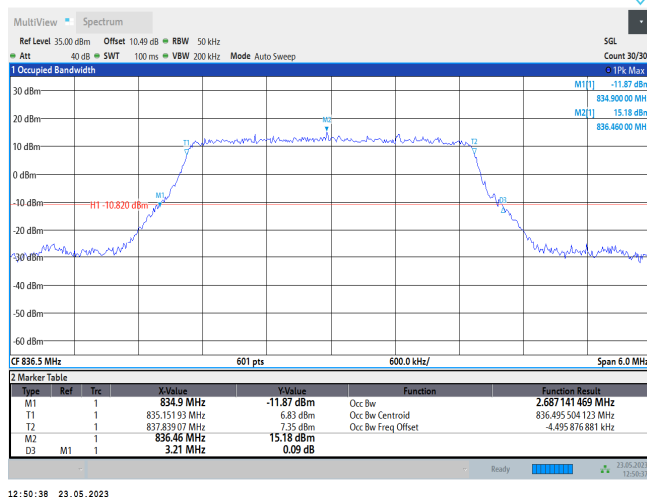
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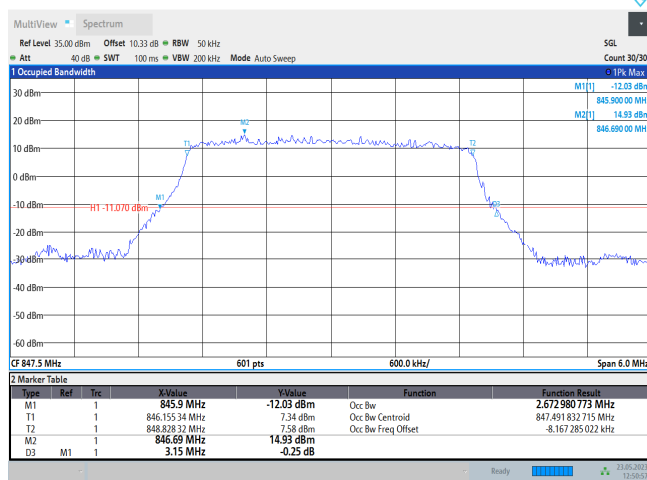
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Band26-3MHz-16QAM-26915-15RB#0



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



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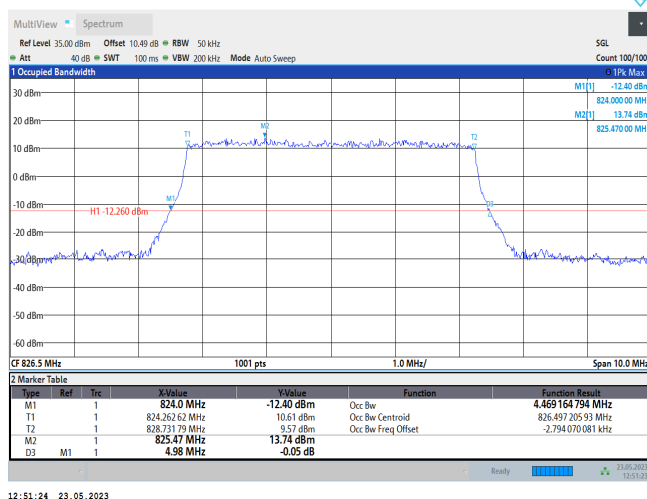
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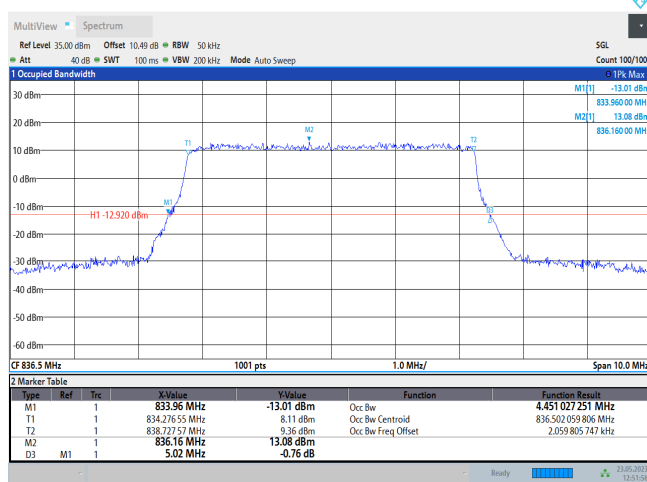
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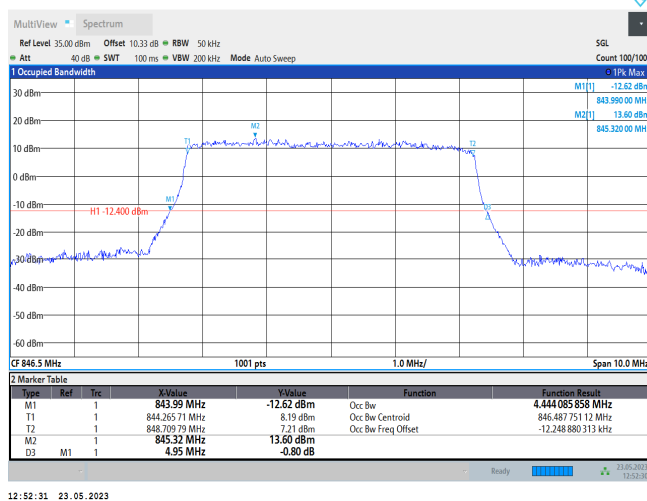
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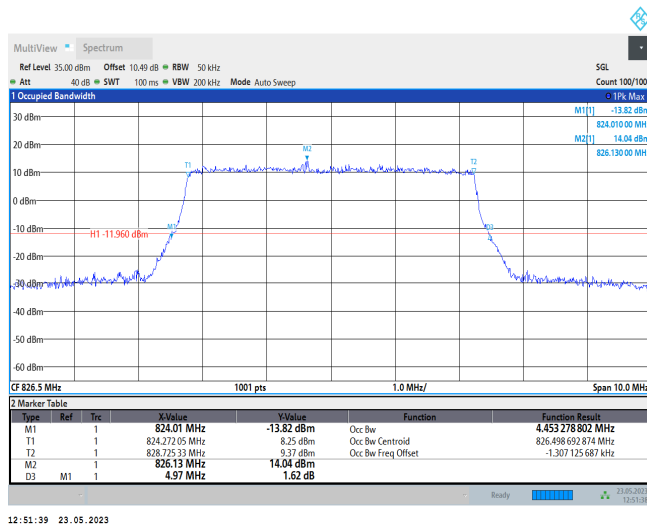
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Band26-5MHz-QPSK-27015-25RB#0



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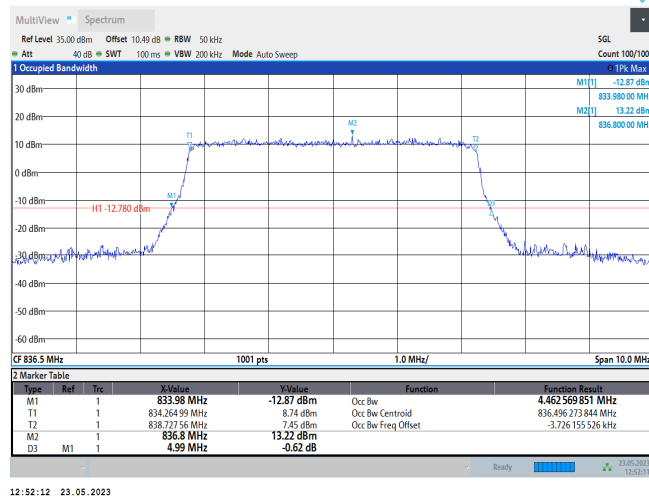


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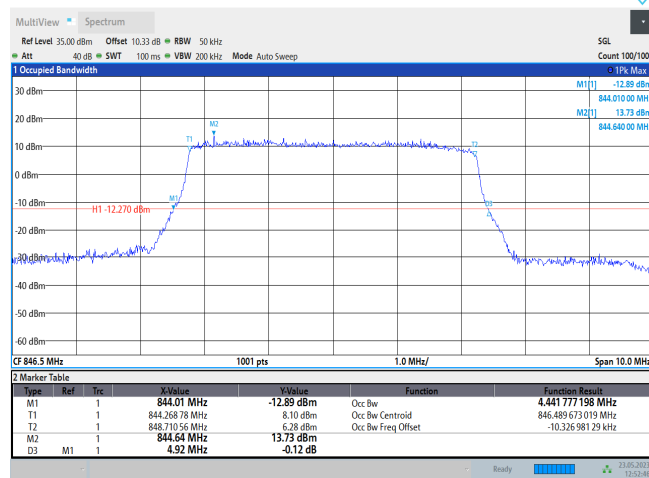
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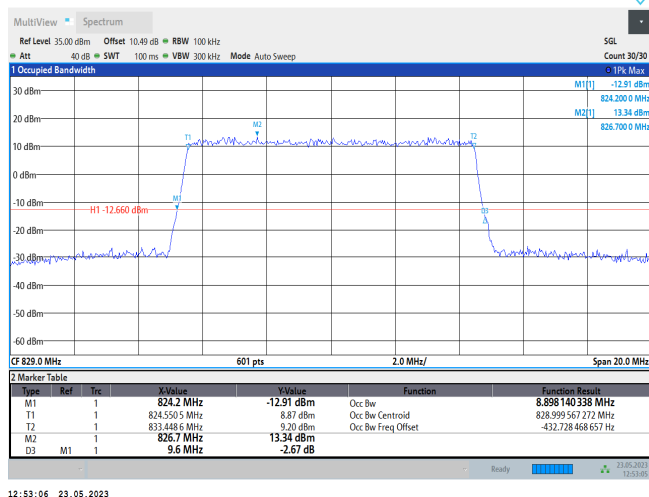
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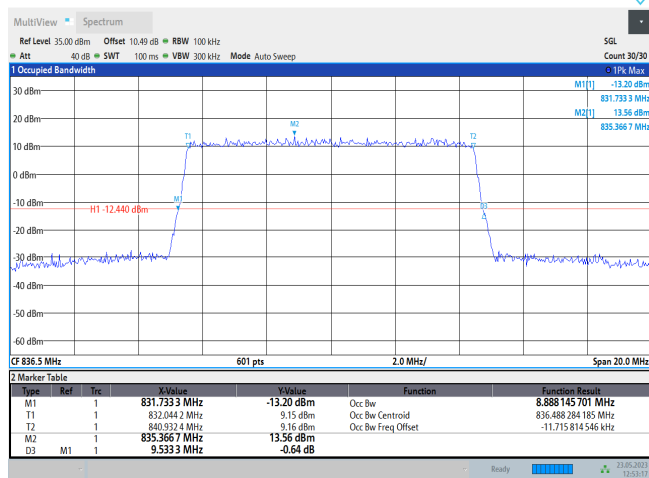
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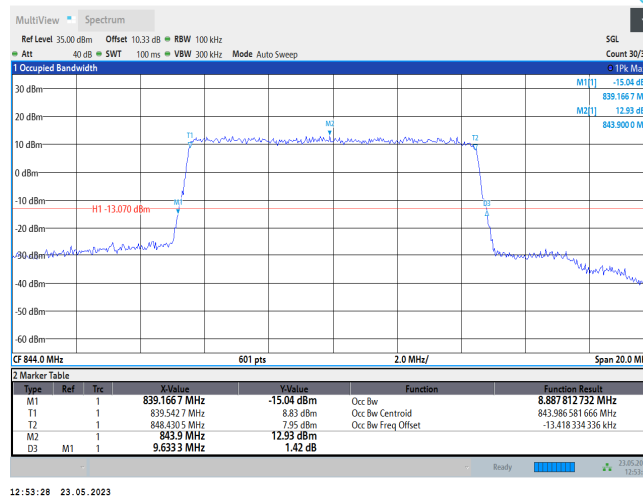
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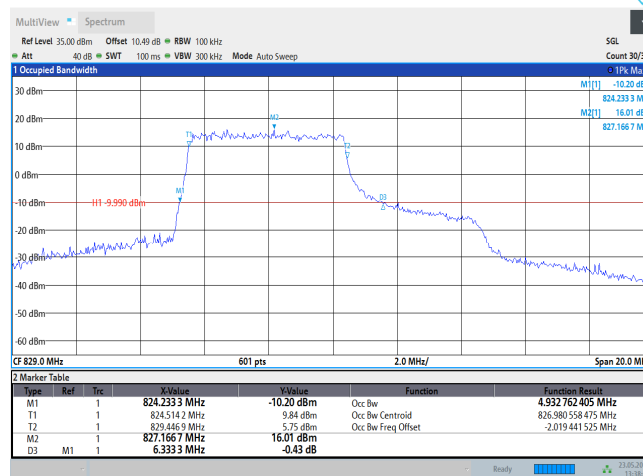
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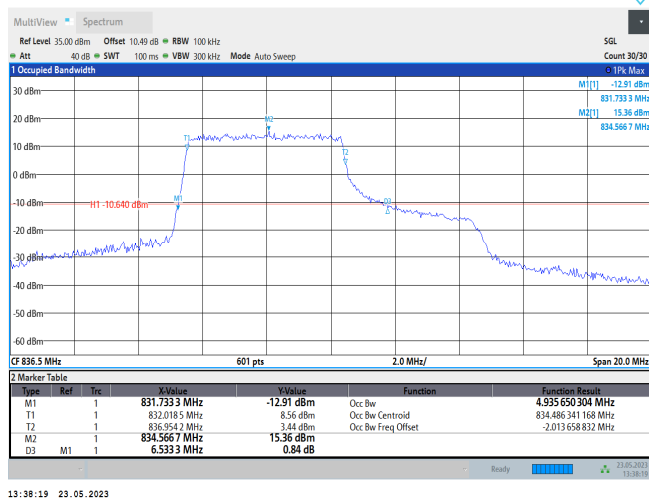
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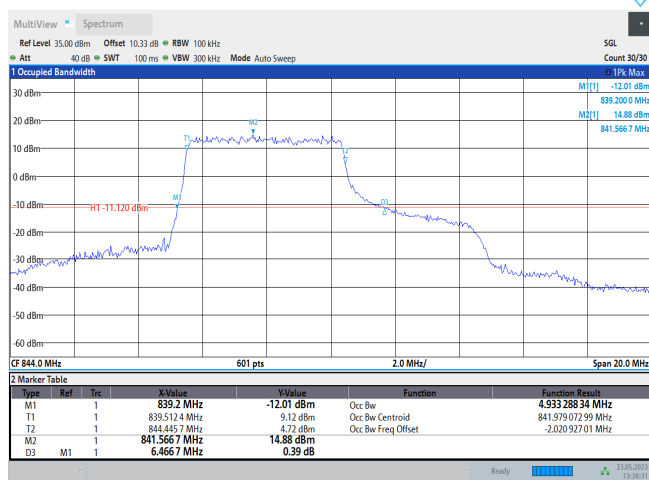
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Band26-10MHz-16QAM-26915-27RB#0



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Band26-10MHz-16QAM-26990-27RB#0



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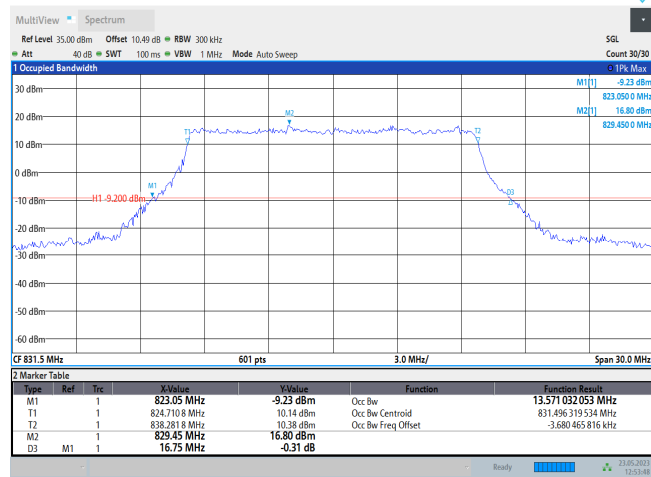
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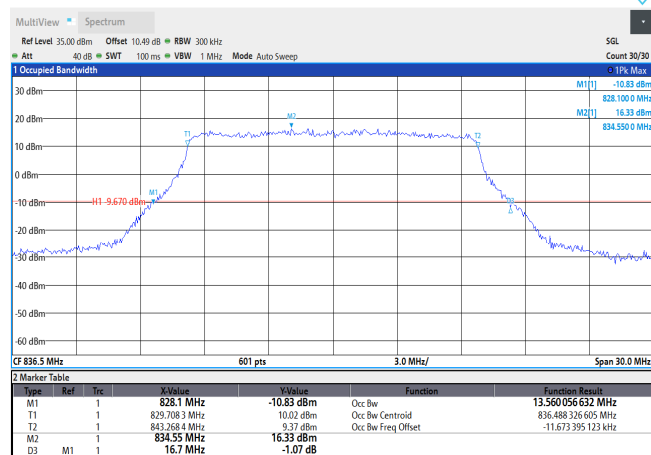
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Band26-15MHz-QPSK-26865-75RB#0



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



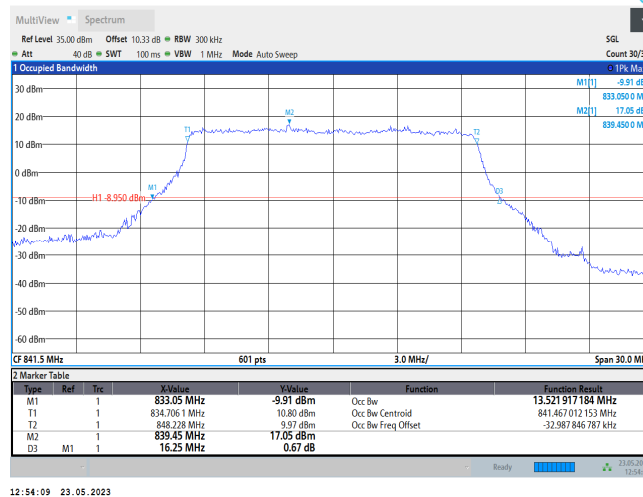
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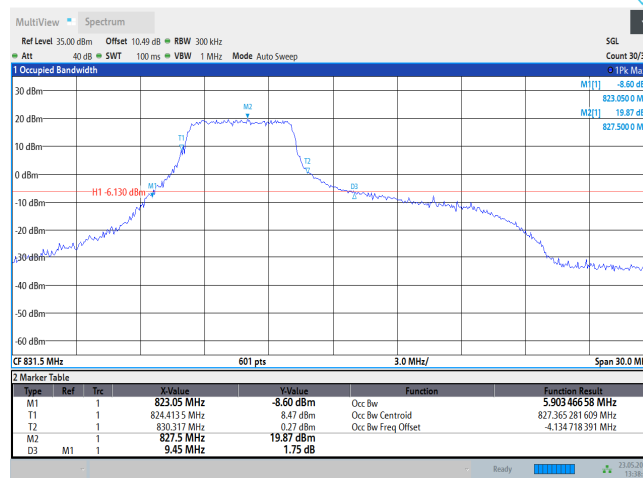
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Band26-15MHz-QPSK-26965-75RB#0



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Report No.: XEWM2305000213RG01

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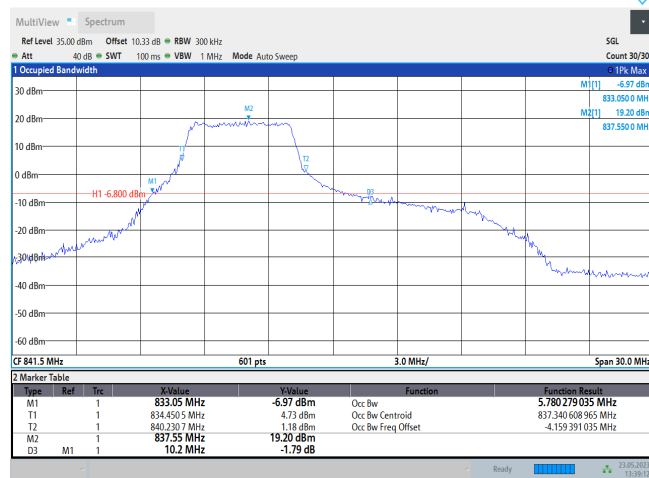
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Band26-15MHz-16QAM-26915-27RB#0



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Band26-15MHz-16QAM-26965-27RB#0



13:39:13 23.05.2023

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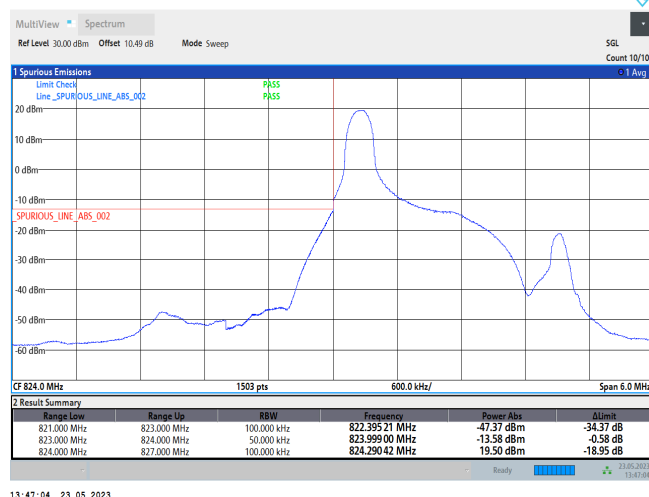
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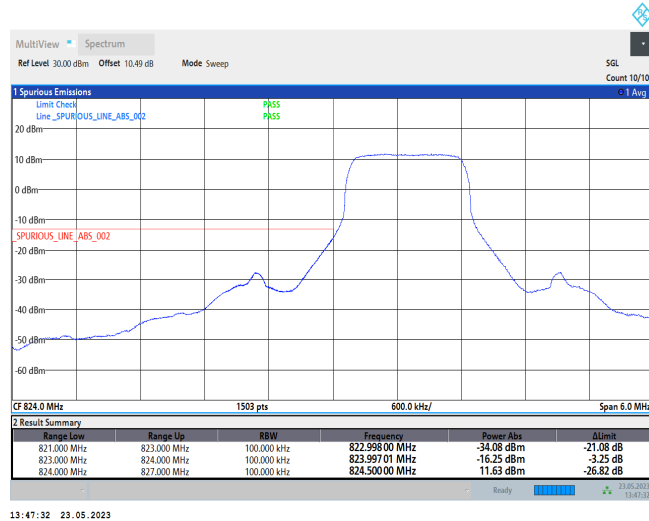
Band Edge

Test Graphs

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



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



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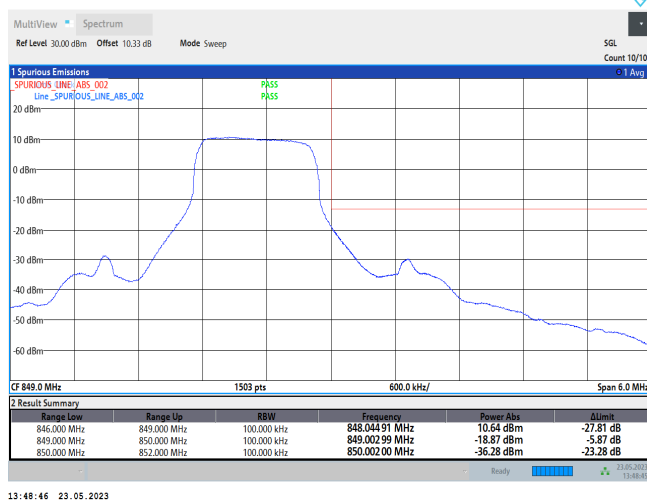
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Band26-1.4MHz-QPSK-27033-1RB#5



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

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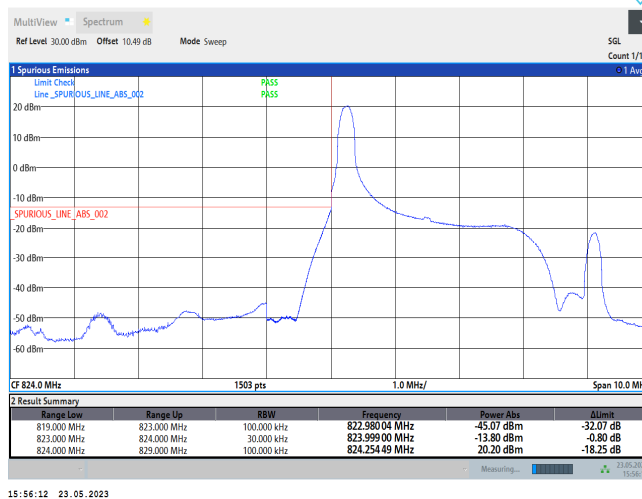
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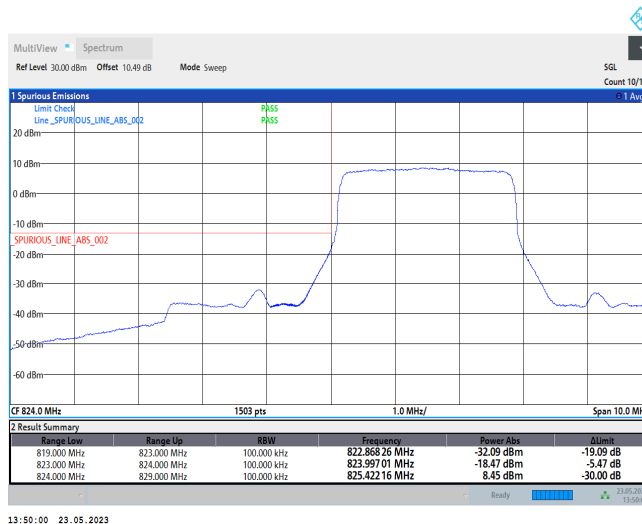
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Band26-3MHz-QPSK-26805-1RB#0



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

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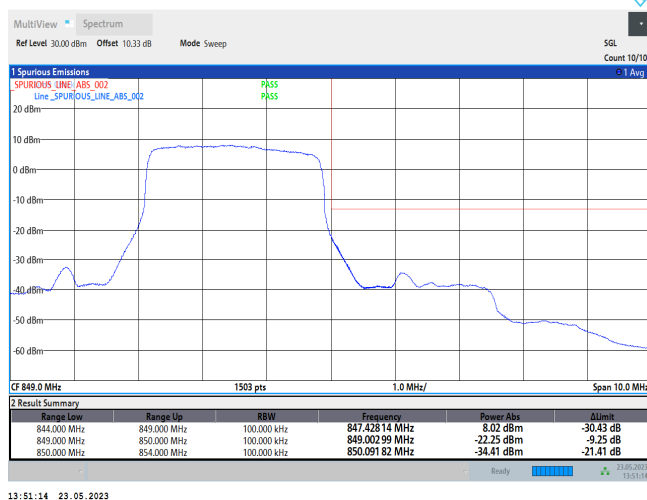
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Band26-3MHz-QPSK-27025-1RB#14



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

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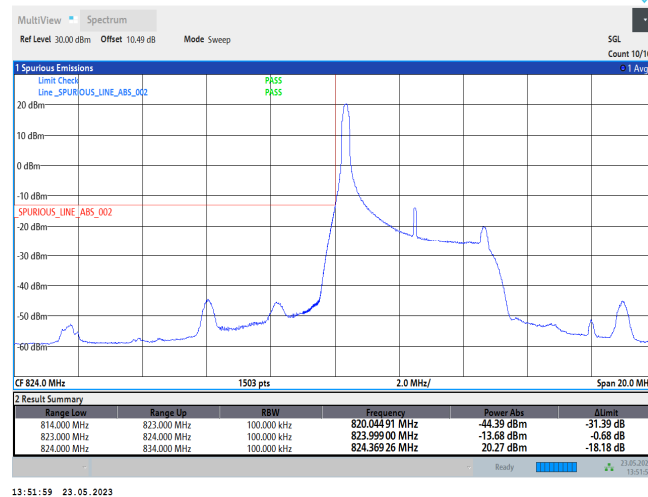
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Band26-5MHz-QPSK-26815-1RB#0



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

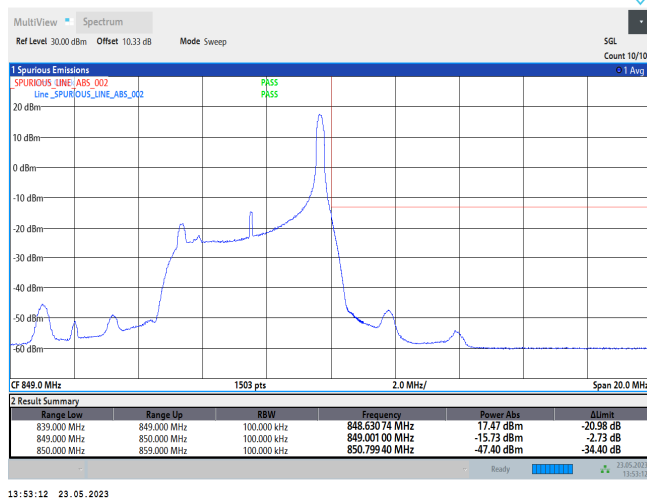


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Band26-5MHz-QPSK-27015-1RB#24



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

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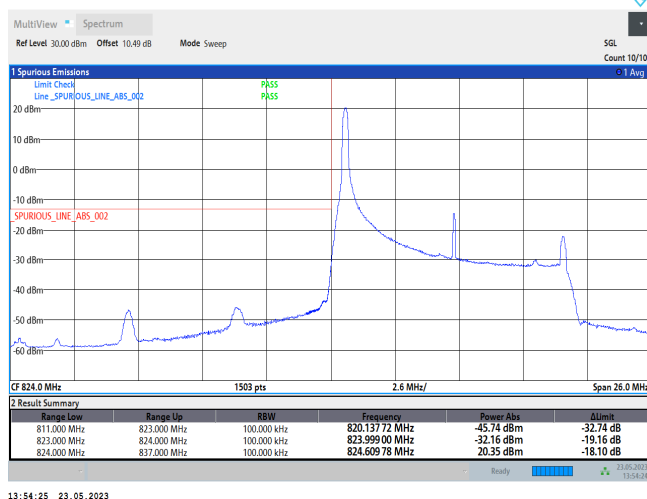
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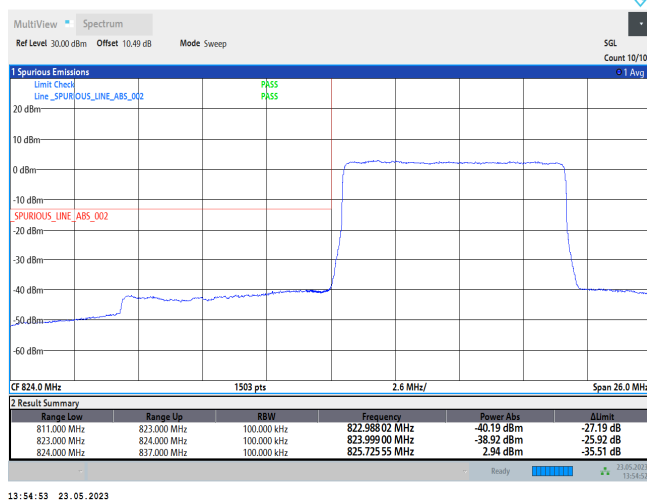
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Band26-10MHz-QPSK-26840-1RB#0



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

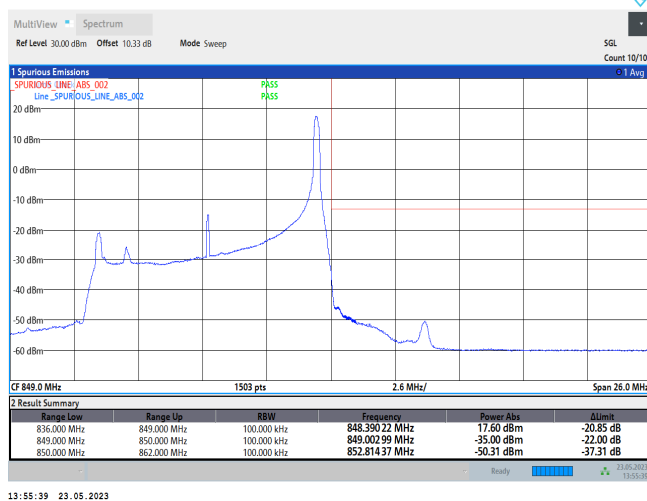


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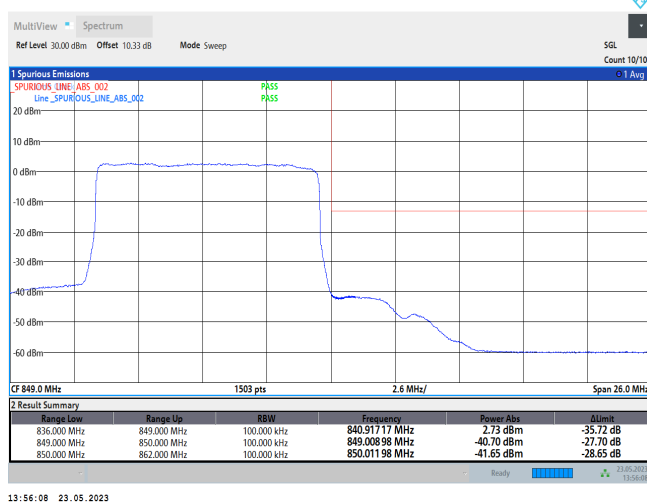
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Band26-10MHz-QPSK-26990-50RB#0

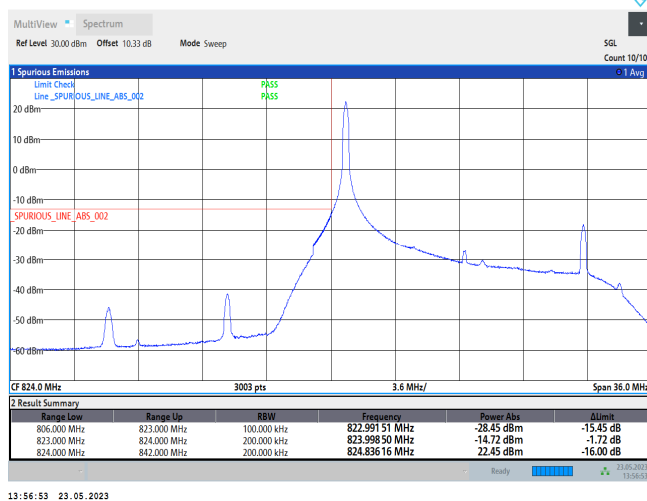


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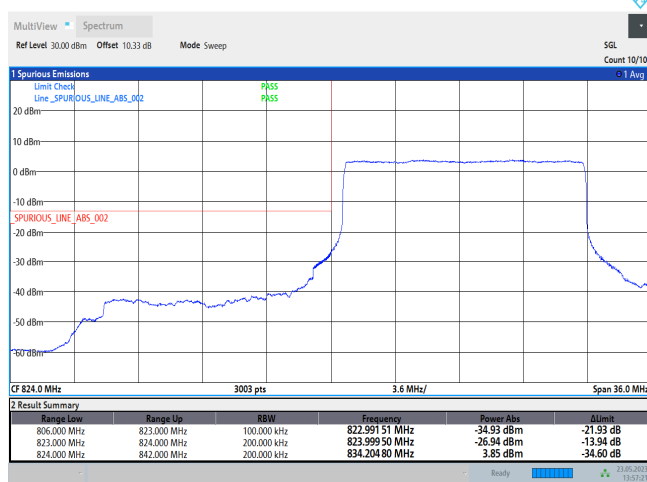
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Band26-15MHz-QPSK-26865-1RB#0



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



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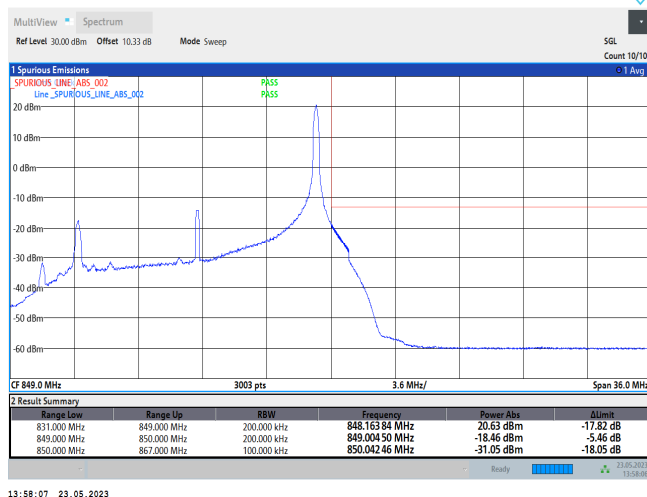
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Band26-15MHz-QPSK-26965-75RB#0

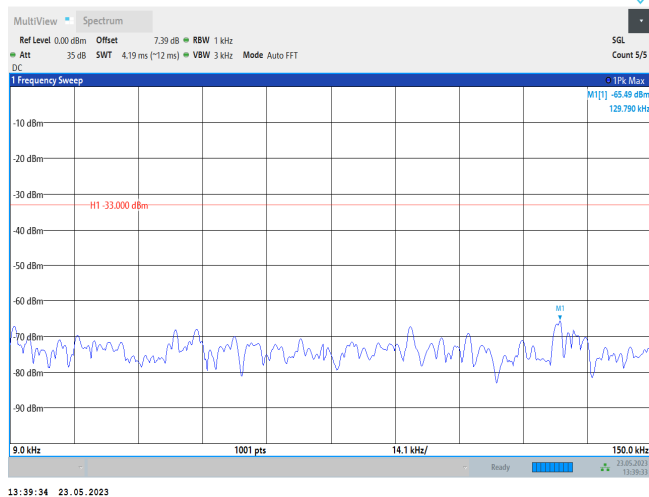


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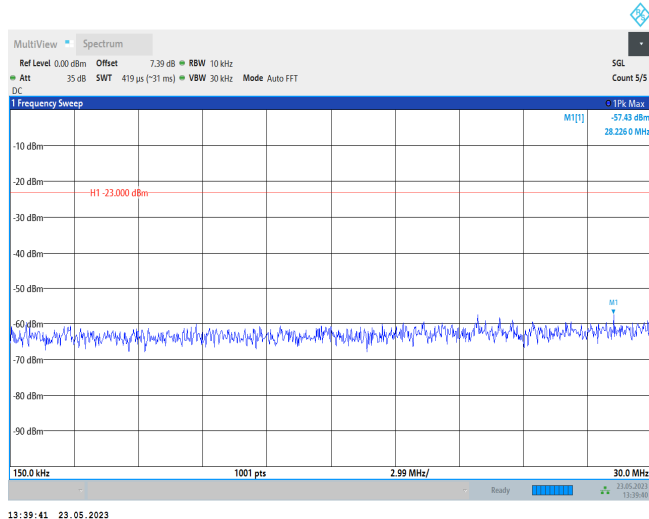
Conducted Spurious Emission

Test Graphs

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



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



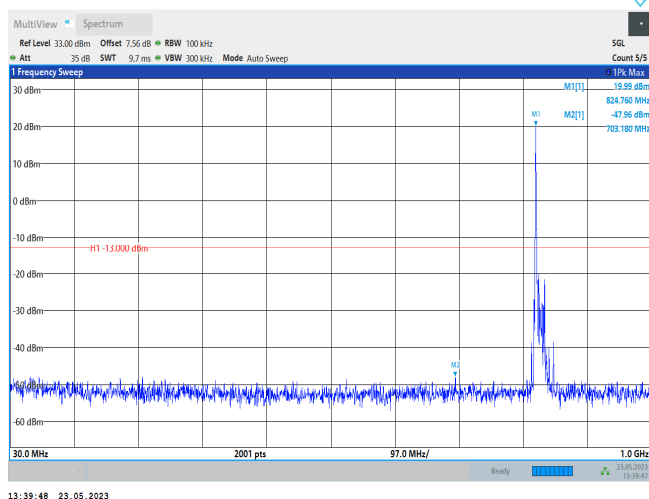
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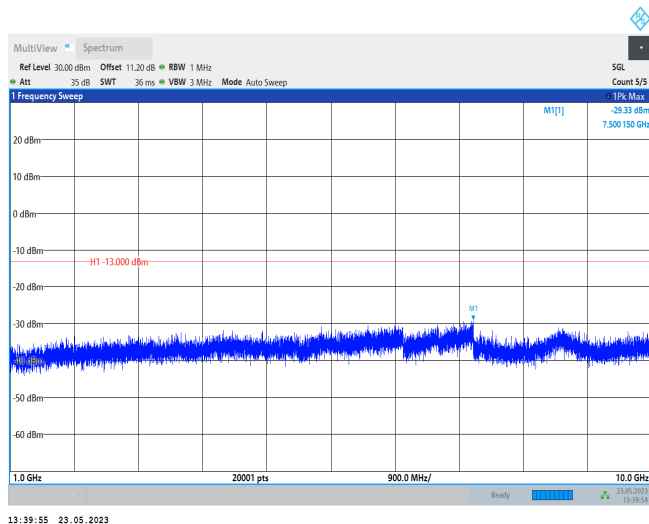
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Band26-15MHz-QPSK-26865-1RB#0-Range3:30~1000MHz



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



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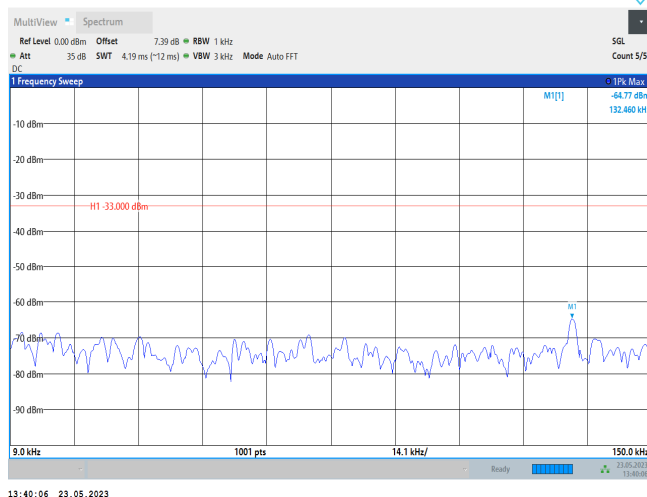
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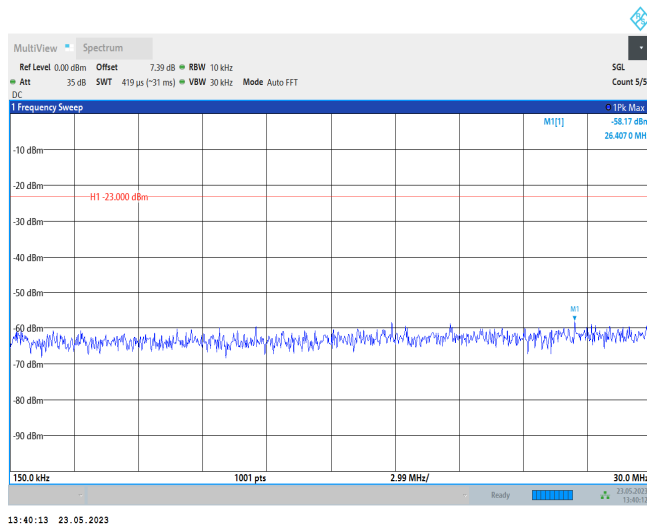
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Band26-15MHz-QPSK-26915-1RB#0-Range1:0.009~0.15MHz



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



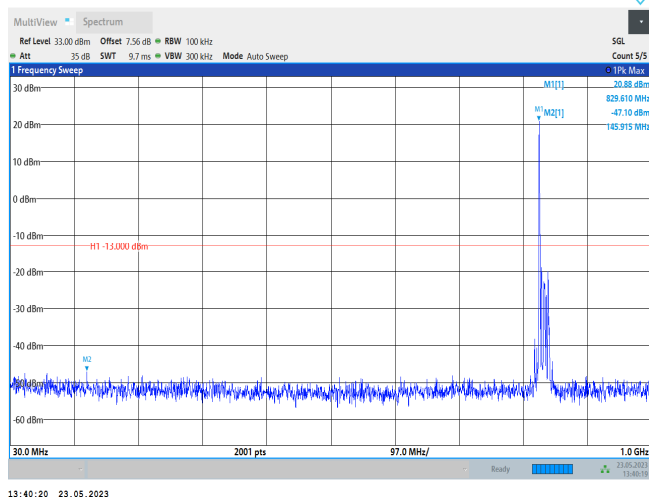
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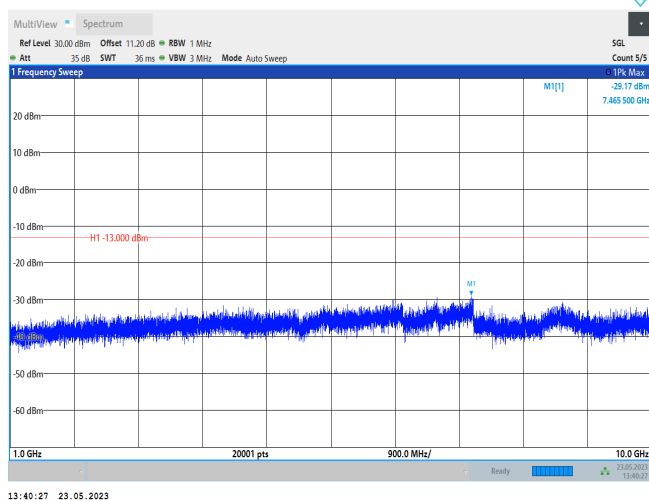
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Band26-15MHz-QPSK-26915-1RB#0-Range3:30~1000MHz



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



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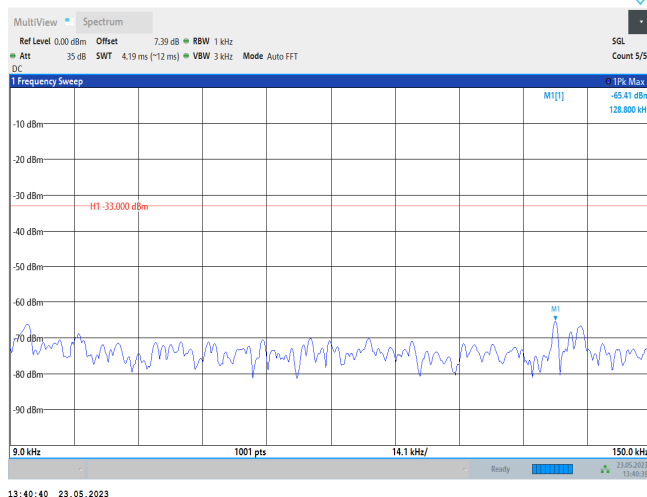
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Report No.: XEWM2305000213RG01

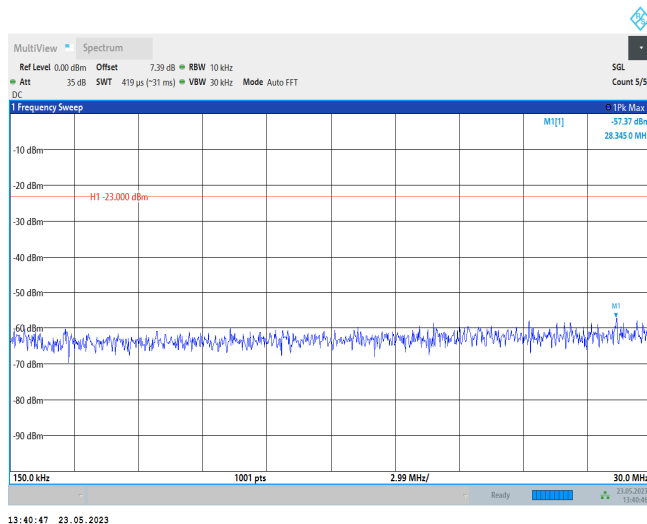
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Band26-15MHz-QPSK-26965-1RB#0-Range1:0.009~0.15MHz



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



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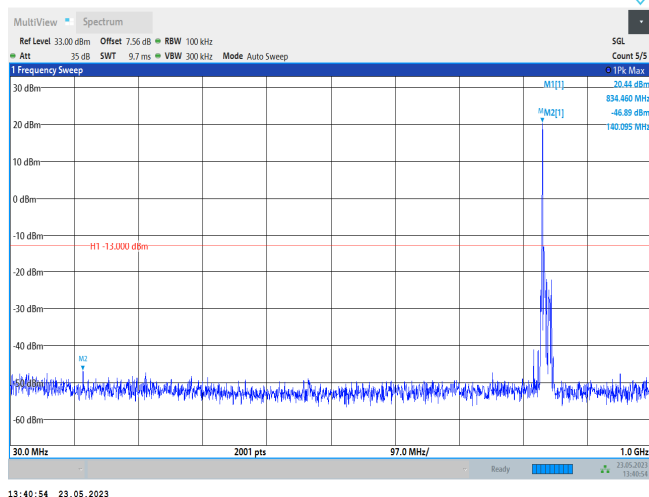
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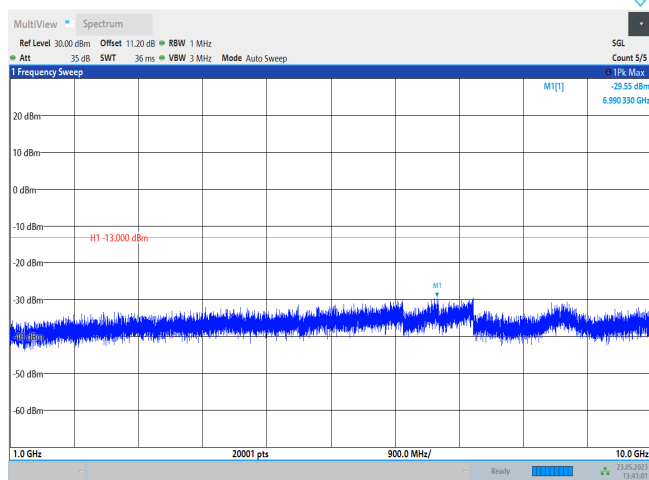
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Band26-15MHz-QPSK-26965-1RB#0-Range3:30~1000MHz



13:40:54 23.05.2023

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



13:41:01 23.05.2023



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Field Strength of Spurious Radiation

Test Band = LTE_26 -15M_TM1

Test Channel = 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	27.53	-19.02	25.90	-60.85	-13.00	47.85	236	73	Horizontal
2	3299.265	68.26	-50.35	30.70	-46.65	-13.00	33.65	255	315	Horizontal
3	4124.2562	62.36	-48.87	30.89	-50.88	-13.00	37.88	254	153	Horizontal
4	7423.5212	53.70	-43.86	36.75	-48.67	-13.00	35.67	330	305	Horizontal
5	8248.1624	54.61	-43.26	37.11	-46.80	-13.00	33.80	214	261	Horizontal
6	9787.8894	58.48	-41.50	38.88	-39.40	-13.00	26.40	112	281	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	1140.7676	23.26	-19.20	25.88	-65.32	-13.00	52.32	103	149	Vertical
2	1649.5812	23.75	-19.02	25.90	-64.63	-13.00	51.63	256	73	Vertical
3	4295.4148	52.01	-48.77	31.83	-60.19	-13.00	47.19	384	128	Vertical
4	6030.8015	50.90	-45.38	34.44	-55.30	-13.00	42.30	214	296	Vertical
5	7461.3231	49.72	-43.46	36.68	-52.32	-13.00	39.32	216	69	Vertical
6	9258.3129	47.92	-41.30	39.05	-49.59	-13.00	36.59	329	113	Vertical



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Test Band = LTE_26-15M_TM1
Test Channel = 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	26.26	-18.96	25.88	-62.08	-13.00	49.08	266	98	Horizontal
2	3647.5324	52.38	-49.16	30.39	-61.65	-13.00	48.65	321	256	Horizontal
3	5000.35	50.73	-46.91	33.10	-58.34	-13.00	45.34	199	20	Horizontal
4	6007.7004	50.72	-45.58	34.48	-55.64	-13.00	42.64	321	133	Horizontal
5	6979.699	49.91	-44.34	36.46	-53.23	-13.00	40.23	109	177	Horizontal
6	9046.2023	48.96	-41.85	38.71	-49.44	-13.00	36.44	325	88	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	1530.0663	23.41	-19.06	25.78	-65.13	-13.00	52.13	174	358	Vertical
2	2785.7232	24.88	-16.99	28.63	-58.74	-13.00	45.74	149	271	Vertical
3	3617.4309	52.99	-49.47	30.27	-61.47	-13.00	48.47	352	124	Vertical
4	5021.7011	51.34	-47.18	33.23	-57.87	-13.00	44.87	269	354	Vertical
5	6977.9489	50.29	-44.35	36.46	-52.86	-13.00	39.86	336	266	Vertical
6	8995.0998	48.55	-41.69	38.77	-49.63	-13.00	36.63	321	252	Vertical



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Test Band = LTE_26 -15M_TM1
Test Channel = 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	29.00	-18.90	25.86	-59.30	-13.00	46.30	196	81	Horizontal
2	3339.517	65.28	-49.94	29.91	-50.01	-13.00	37.01	321	322	Horizontal
3	4174.3087	58.26	-48.51	31.29	-54.22	-13.00	41.22	145	146	Horizontal
4	5843.8922	52.17	-45.80	34.10	-54.79	-13.00	41.79	228	181	Horizontal
5	8348.6174	50.72	-43.25	37.21	-50.58	-13.00	37.58	254	298	Horizontal
6	9887.9944	55.98	-41.22	39.03	-41.47	-13.00	28.47	189	35	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	1669.8337	24.83	-18.90	25.86	-63.47	-13.00	50.47	274	261	Vertical
2	3339.167	64.03	-49.94	29.92	-51.25	-13.00	38.25	145	249	Vertical
3	4173.9587	63.21	-48.51	31.29	-49.27	-13.00	36.27	226	249	Vertical
4	5844.2422	54.34	-45.80	34.10	-52.62	-13.00	39.62	354	61	Vertical
5	8348.2674	51.52	-43.25	37.21	-49.78	-13.00	36.78	145	24	Vertical
6	9887.9944	52.76	-41.22	39.03	-44.69	-13.00	31.69	226	222	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	Band width	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26915	27RB#0	VL	NT	-7.72	-0.009229	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	VN	NT	-8.23	-0.009839	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	VH	NT	-8.00	-0.009564	±2.5	PASS

Temperature										
Band	Band width	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	15MHz	QPSK	26915	27RB#0	NV	-30	-7.51	-0.008978	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	-20	-8.97	-0.010723	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	-10	-8.94	-0.010687	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	0	-8.18	-0.009779	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	10	-7.81	-0.009337	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	20	-7.54	-0.009014	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	30	-7.47	-0.008930	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	40	-7.51	-0.008978	±2.5	PASS
Band26	15MHz	QPSK	26915	27RB#0	NV	50	-7.74	-0.009253	±2.5	PASS

---End of Attachment---



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