Appendix B.8

LTE Band 25

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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	22.73	26.73	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	22.67	26.67	33	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	22.56	26.56	33	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	21.76	25.76	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	22.68	26.68	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	22.86	26.86	33	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	22.65	26.65	33	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.03	26.03	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.12	27.12	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.11	27.11	33	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.01	27.01	33	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.08	26.08	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	21.7	25.7	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	21.49	25.49	33	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	21.62	25.62	33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	20.61	24.61	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	21.8	25.8	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	21.89	25.89	33	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	21.81	25.81	33	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	20.96	24.96	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	22.29	26.29	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.36	26.36	33	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	22.02	26.02	33	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.07	25.07	33	PASS
Band25	3MHz	QPSK	26055	1RB#0	22.72	26.72	33	PASS
Band25	3MHz	QPSK	26055	1RB#8	22.71	26.71	33	PASS
Band25	3MHz	QPSK	26055	1RB#14	22.92	26.92	33	PASS

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Band25	3MHz	QPSK	26055	15RB#0	21.84	25.84	33	PASS
Band25	3MHz	QPSK	26365	1RB#0	22.78	26.78	33	PASS
Band25	3MHz	QPSK	26365	1RB#8	22.78	26.78	33	PASS
Band25	3MHz	QPSK	26365	1RB#14	22.87	26.87	33	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.13	26.13	33	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.05	27.05	33	PASS
Band25	3MHz	QPSK	26675	1RB#8	22.98	26.98	33	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.15	27.15	33	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.19	26.19	33	PASS
Band25	3MHz	16QAM	26055	1RB#0	21.82	25.82	33	PASS
Band25	3MHz	16QAM	26055	1RB#8	21.63	25.63	33	PASS
Band25	3MHz	16QAM	26055	1RB#14	21.81	25.81	33	PASS
Band25	3MHz	16QAM	26055	15RB#0	20.78	24.78	33	PASS
Band25	3MHz	16QAM	26365	1RB#0	21.91	25.91	33	PASS
Band25	3MHz	16QAM	26365	1RB#8	21.87	25.87	33	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.01	26.01	33	PASS
Band25	3MHz	16QAM	26365	15RB#0	20.87	24.87	33	PASS
Band25	3MHz	16QAM	26675	1RB#0	22.09	26.09	33	PASS
Band25	3MHz	16QAM	26675	1RB#8	21.92	25.92	33	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.21	26.21	33	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.18	25.18	33	PASS
Band25	5MHz	QPSK	26065	1RB#0	22.79	26.79	33	PASS
Band25	5MHz	QPSK	26065	1RB#12	22.93	26.93	33	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.62	26.62	33	PASS
Band25	5MHz	QPSK	26065	25RB#0	21.87	25.87	33	PASS
Band25	5MHz	QPSK	26365	1RB#0	22.79	26.79	33	PASS
Band25	5MHz	QPSK	26365	1RB#12	22.8	26.8	33	PASS
Band25	5MHz	QPSK	26365	1RB#24	22.91	26.91	33	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.05	26.05	33	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.06	27.06	33	PASS
Band25	5MHz	QPSK	26665	1RB#12	22.91	26.91	33	PASS
Band25	5MHz	QPSK	26665	1RB#24	22.97	26.97	33	PASS

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Band25	5MHz	QPSK	26665	25RB#0	22.11	26.11	33	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.02	26.02	33	PASS
Band25	5MHz	16QAM	26065	1RB#12	21.81	25.81	33	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.66	25.66	33	PASS
Band25	5MHz	16QAM	26065	25RB#0	20.91	24.91	33	PASS
Band25	5MHz	16QAM	26365	1RB#0	21.81	25.81	33	PASS
Band25	5MHz	16QAM	26365	1RB#12	21.8	25.8	33	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.15	26.15	33	PASS
Band25	5MHz	16QAM	26365	25RB#0	20.95	24.95	33	PASS
Band25	5MHz	16QAM	26665	1RB#0	22.18	26.18	33	PASS
Band25	5MHz	16QAM	26665	1RB#12	21.86	25.86	33	PASS
Band25	5MHz	16QAM	26665	1RB#24	21.99	25.99	33	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.28	25.28	33	PASS
Band25	10MHz	QPSK	26090	1RB#0	22.66	26.66	33	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.12	27.12	33	PASS
Band25	10MHz	QPSK	26090	1RB#49	22.76	26.76	33	PASS
Band25	10MHz	QPSK	26090	50RB#0	21.94	25.94	33	PASS
Band25	10MHz	QPSK	26365	1RB#0	22.94	26.94	33	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.19	27.19	33	PASS
Band25	10MHz	QPSK	26365	1RB#49	22.79	26.79	33	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.05	26.05	33	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.08	27.08	33	PASS
Band25	10MHz	QPSK	26640	1RB#24	22.92	26.92	33	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.2	27.2	33	PASS
Band25	10MHz	QPSK	26640	50RB#0	22.13	26.13	33	PASS
Band25	10MHz	16QAM	26090	1RB#0	21.7	25.7	33	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.53	26.53	33	PASS
Band25	10MHz	16QAM	26090	1RB#49	21.69	25.69	33	PASS
Band25	10MHz	16QAM	26090	50RB#0	20.98	24.98	33	PASS
Band25	10MHz	16QAM	26365	1RB#0	21.76	25.76	33	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.63	26.63	33	PASS
Band25	10MHz	16QAM	26365	1RB#49	21.78	25.78	33	PASS

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Band25	10MHz	16QAM	26365	50RB#0	20.97	24.97	33	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.18	26.18	33	PASS
Band25	10MHz	16QAM	26640	1RB#24	21.97	25.97	33	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.48	26.48	33	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.18	25.18	33	PASS
Band25	15MHz	QPSK	26115	1RB#0	22.65	26.65	33	PASS
Band25	15MHz	QPSK	26115	1RB#38	22.98	26.98	33	PASS
Band25	15MHz	QPSK	26115	1RB#74	22.64	26.64	33	PASS
Band25	15MHz	QPSK	26115	75RB#0	21.93	25.93	33	PASS
Band25	15MHz	QPSK	26365	1RB#0	22.86	26.86	33	PASS
Band25	15MHz	QPSK	26365	1RB#38	22.77	26.77	33	PASS
Band25	15MHz	QPSK	26365	1RB#74	22.83	26.83	33	PASS
Band25	15MHz	QPSK	26365	75RB#0	21.94	25.94	33	PASS
Band25	15MHz	QPSK	26615	1RB#0	22.87	26.87	33	PASS
Band25	15MHz	QPSK	26615	1RB#38	22.89	26.89	33	PASS
Band25	15MHz	QPSK	26615	1RB#74	23.21	27.21	33	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.05	26.05	33	PASS
Band25	15MHz	16QAM	26115	1RB#0	21.53	25.53	33	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.48	26.48	33	PASS
Band25	15MHz	16QAM	26115	1RB#74	21.74	25.74	33	PASS
Band25	15MHz	16QAM	26115	75RB#0	20.96	24.96	33	PASS
Band25	15MHz	16QAM	26365	1RB#0	21.9	25.9	33	PASS
Band25	15MHz	16QAM	26365	1RB#38	21.81	25.81	33	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.04	26.04	33	PASS
Band25	15MHz	16QAM	26365	75RB#0	20.87	24.87	33	PASS
Band25	15MHz	16QAM	26615	1RB#0	21.93	25.93	33	PASS
Band25	15MHz	16QAM	26615	1RB#38	21.9	25.9	33	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.45	26.45	33	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.01	25.01	33	PASS
Band25	20MHz	QPSK	26140	1RB#0	22.66	26.66	33	PASS
Band25	20MHz	QPSK	26140	1RB#49	22.83	26.83	33	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.01	27.01	33	PASS

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Band25	20MHz	QPSK	26140	100RB#0	21.96	25.96	33	PASS
Band25	20MHz	QPSK	26365	1RB#0	22.72	26.72	33	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.23	27.23	33	PASS
Band25	20MHz	QPSK	26365	1RB#99	22.95	26.95	33	PASS
Band25	20MHz	QPSK	26365	100RB#0	21.97	25.97	33	PASS
Band25	20MHz	QPSK	26590	1RB#0	22.99	26.99	33	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.25	27.25	33	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.04	27.04	33	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.13	26.13	33	PASS
Band25	20MHz	16QAM	26140	1RB#0	21.61	25.61	33	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.07	26.07	33	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.13	26.13	33	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.1	25.1	33	PASS
Band25	20MHz	16QAM	26365	1RB#0	21.52	25.52	33	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.53	26.53	33	PASS
Band25	20MHz	16QAM	26365	1RB#99	21.79	25.79	33	PASS
Band25	20MHz	16QAM	26365	100RB#0	20.99	24.99	33	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.17	26.17	33	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.57	26.57	33	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.03	26.03	33	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.17	25.17	33	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	5.30	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.24	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.14	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.08	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.06	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.06	13	PASS

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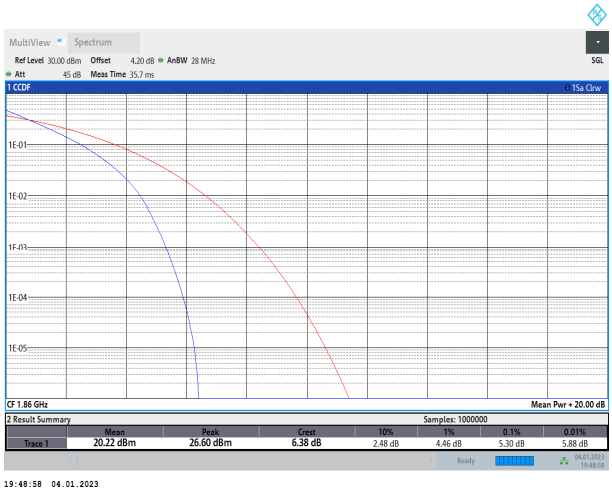
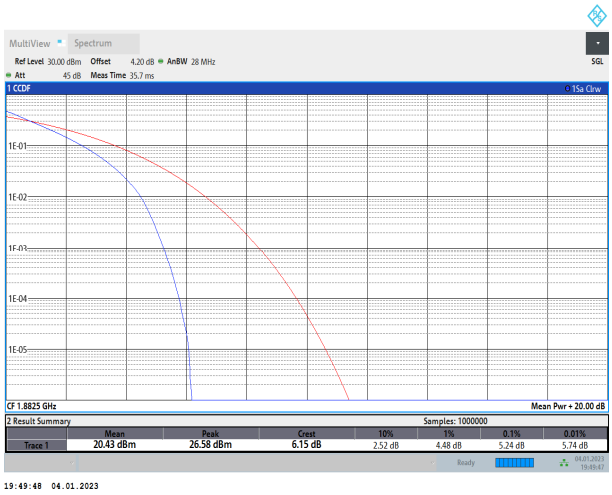
Test Graphs

Band25-20MHz-QPSK-26140-100RB#0



Band25-20MHz-QPSK-26365-100RB#0



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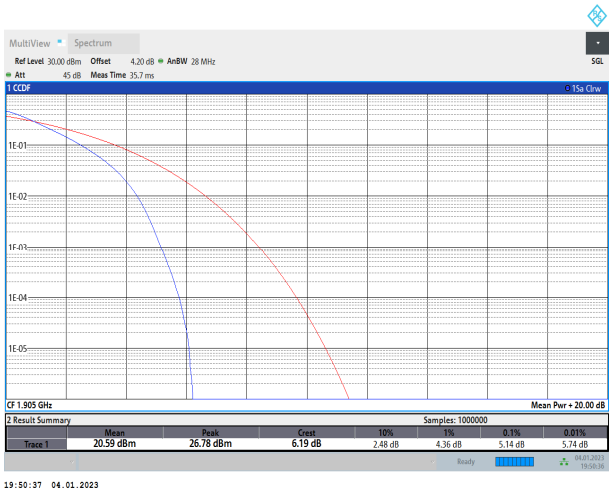
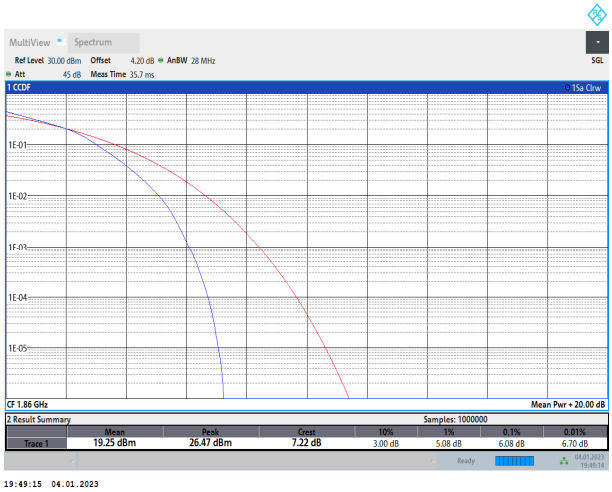
Band25-20MHz-QPSK-26590-100RB#0



Band25-20MHz-16QAM-26140-100RB#0



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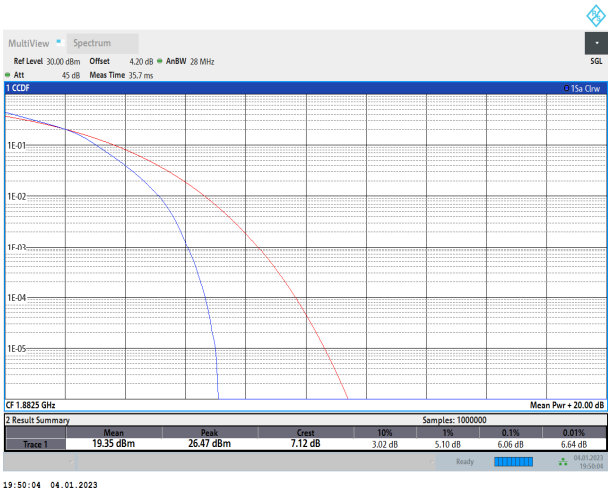
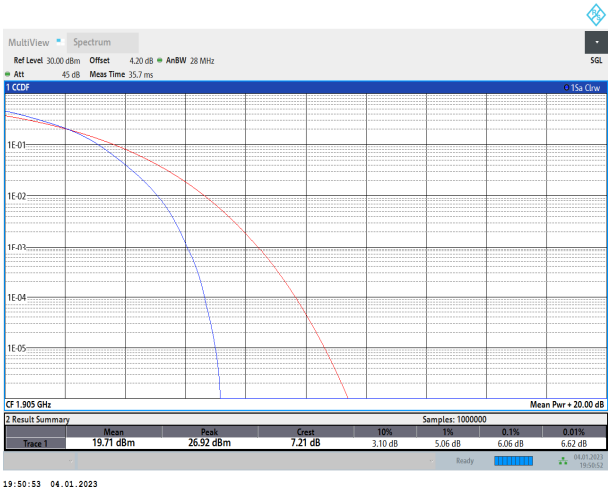
Band25-20MHz-16QAM-26365-100RB#0



Band25-20MHz-16QAM-26590-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band25	20MHz	QPSK	26365	100RB#0	PASS	PASS
Band25	20MHz	16QAM	26365	100RB#0	PASS	PASS

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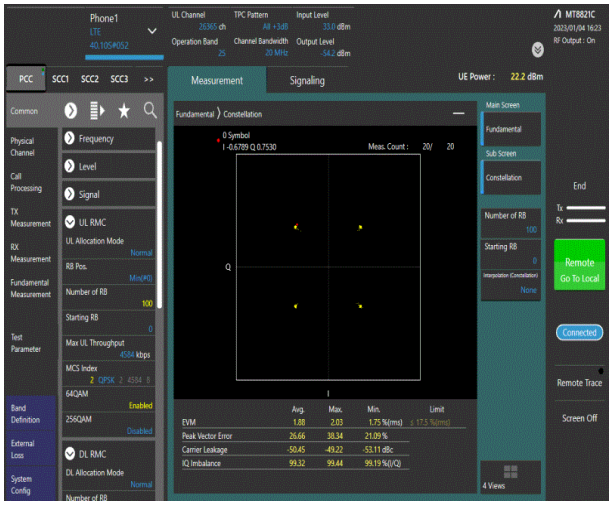
Test Graphs

Band25-20MHz-QPSK-26365-100RB#0

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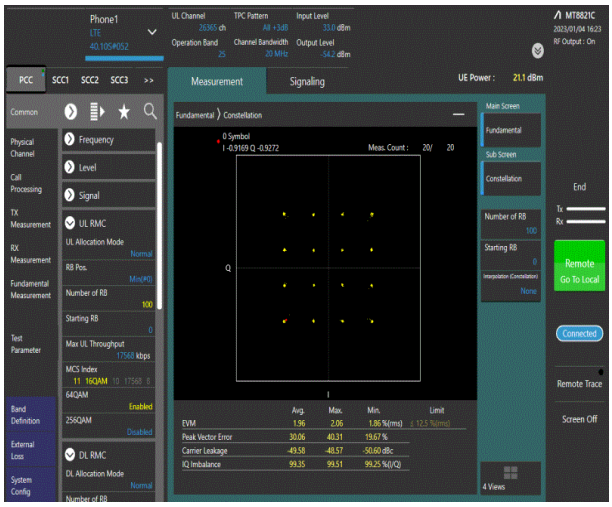

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.086	1.27	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.089	1.28	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.088	1.28	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.096	1.30	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.098	1.28	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.097	1.31	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.695	2.96	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.69	2.96	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.69	2.96	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.687	2.97	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.688	2.98	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.688	2.98	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.466	4.89	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.466	4.88	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.467	4.89	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.462	4.92	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.464	4.94	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.462	4.92	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.93	9.64	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.913	9.68	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.926	9.70	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.908	9.68	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.905	9.64	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.908	9.64	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.439	14.79	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.437	14.73	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.435	14.76	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.42	14.76	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.403	14.82	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.409	14.67	PASS

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Band25	20MHz	QPSK	26140	100RB#0	17.897	19.52	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.877	19.24	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.861	19.44	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.861	19.28	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.87	19.36	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.843	19.32	PASS

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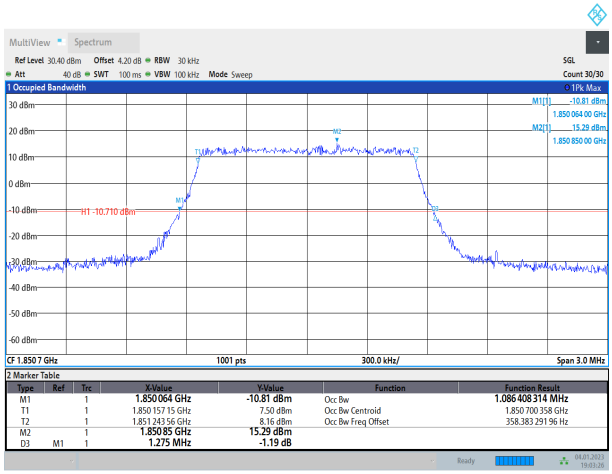
Test Graphs

Band25-1.4MHz-QPSK-26047-6RB#0



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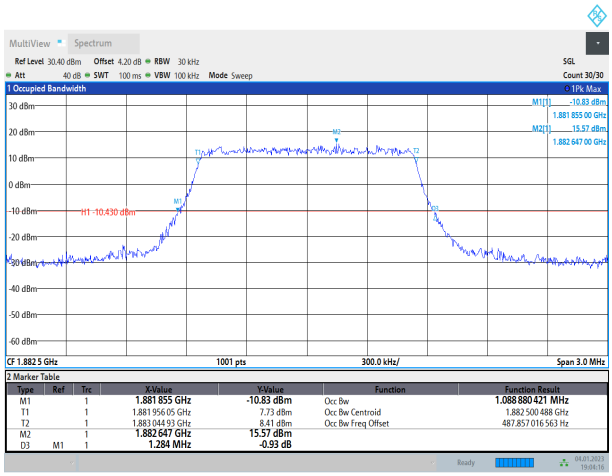

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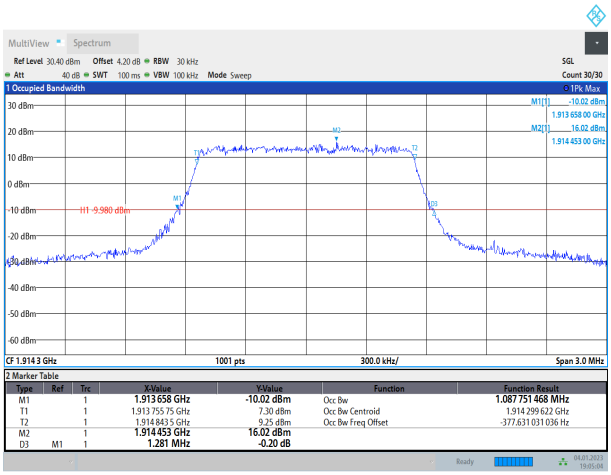
Band25-1.4MHz-QPSK-26683-6RB#0



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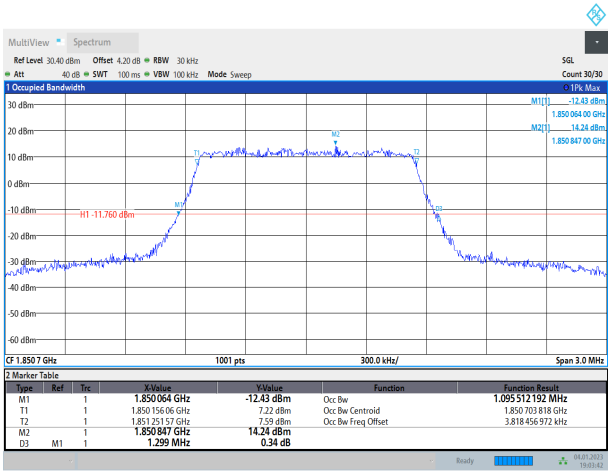
Band25-1.4MHz-16QAM-26047-6RB#0



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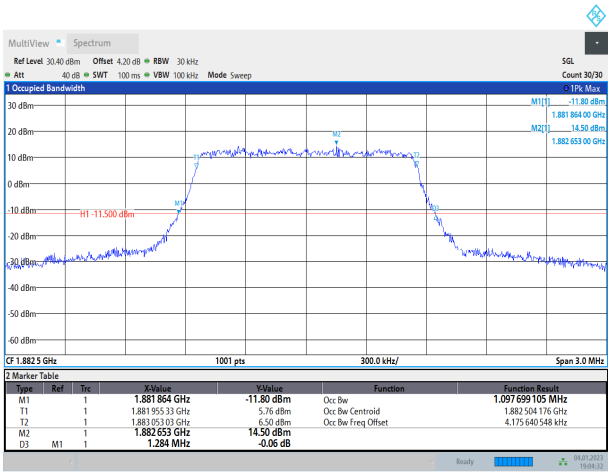
Band25-1.4MHz-16QAM-26365-6RB#0



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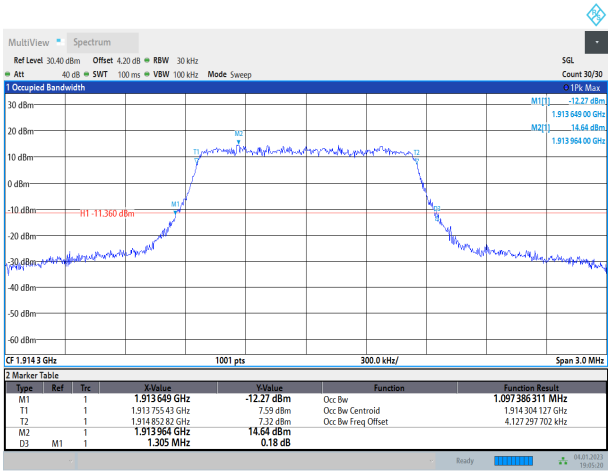
Band25-1.4MHz-16QAM-26683-6RB#0



19:05:21 04.01.2023

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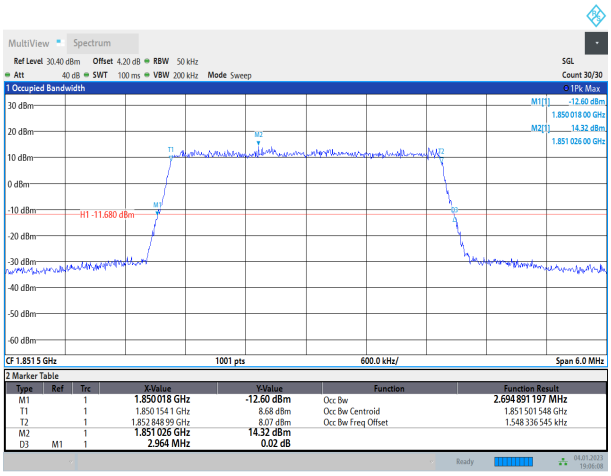
Band25-3MHz-QPSK-26055-15RB#0



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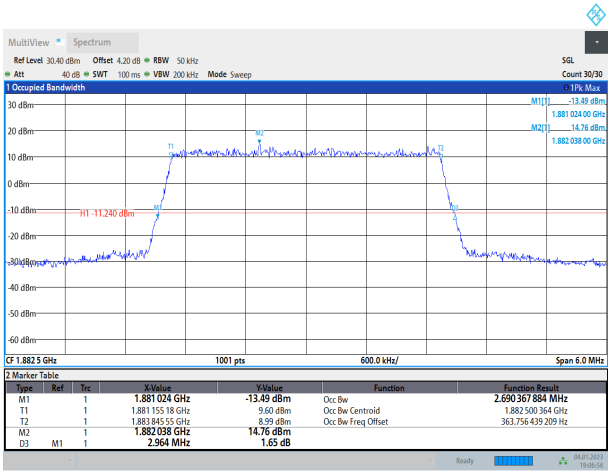

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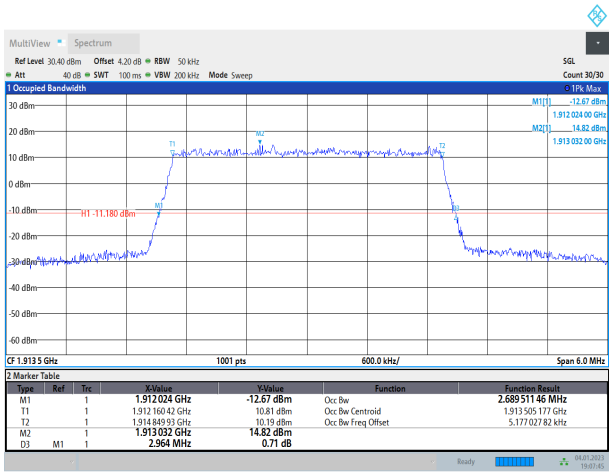
Band25-3MHz-QPSK-26675-15RB#0



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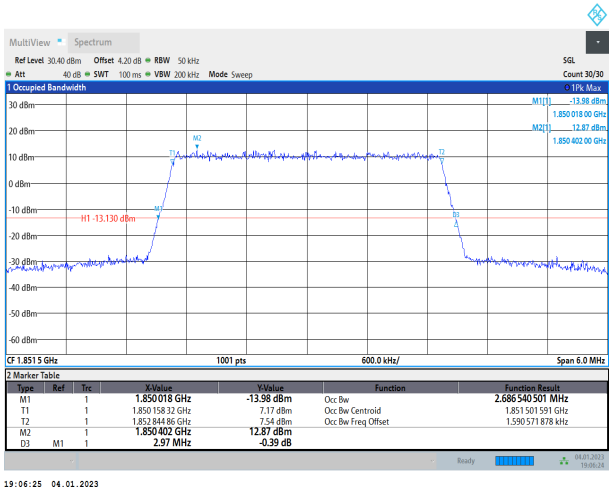

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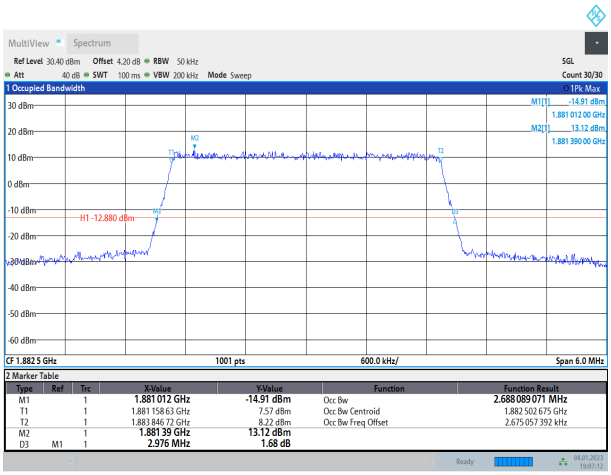
Band25-3MHz-16QAM-26365-15RB#0



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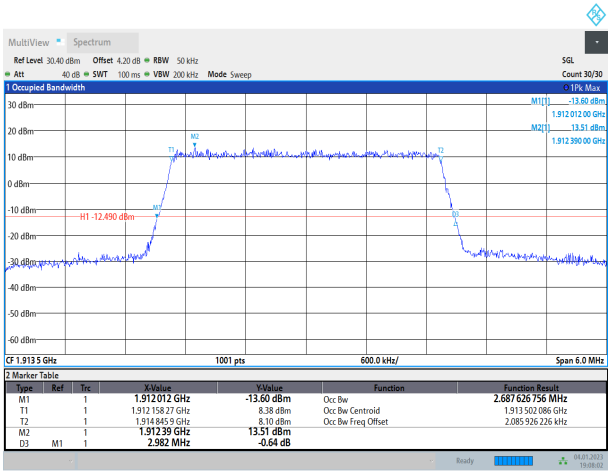

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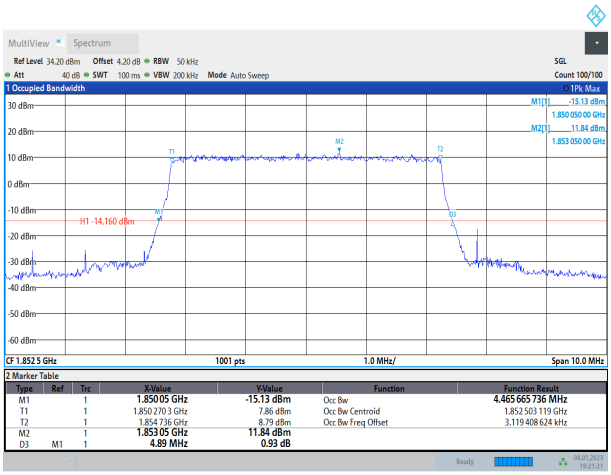
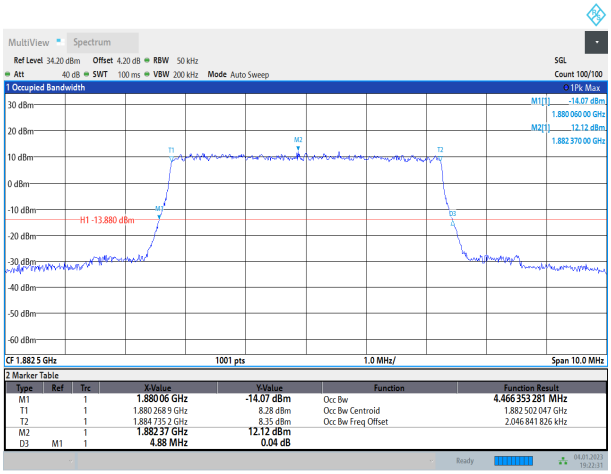
Band25-5MHz-QPSK-26065-25RB#0



Band25-5MHz-QPSK-26365-25RB#0



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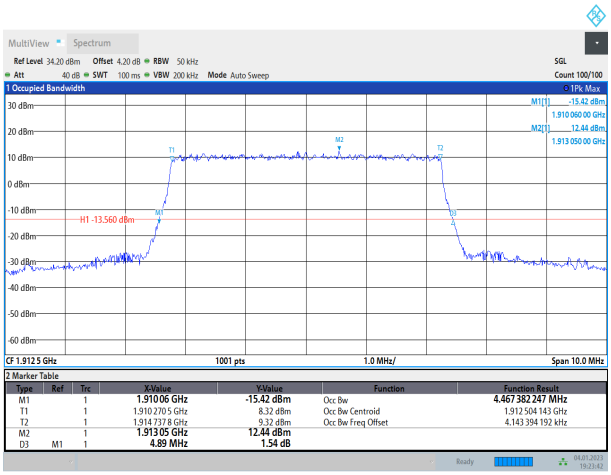
Band25-5MHz-QPSK-26665-25RB#0



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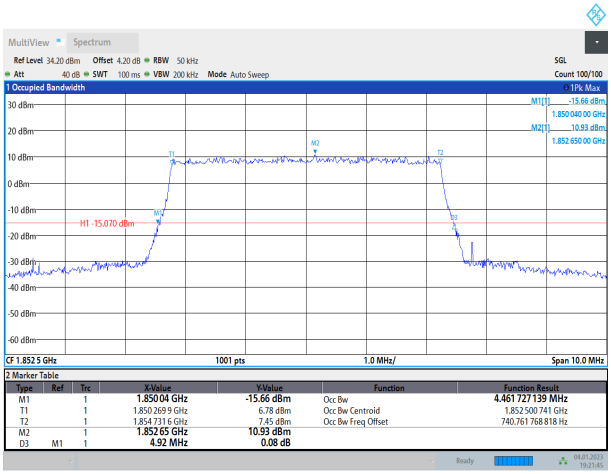

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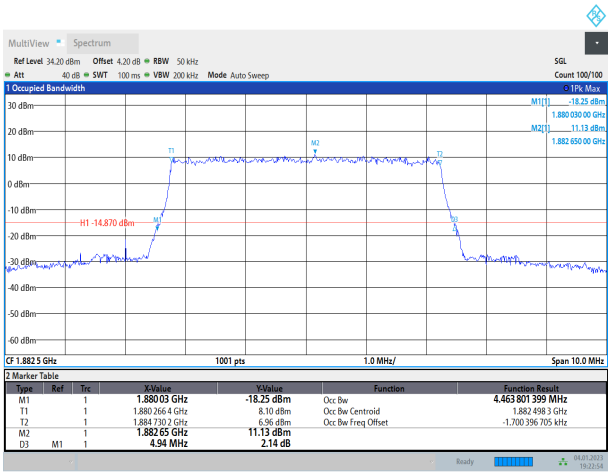
Band25-5MHz-16QAM-26365-25RB#0



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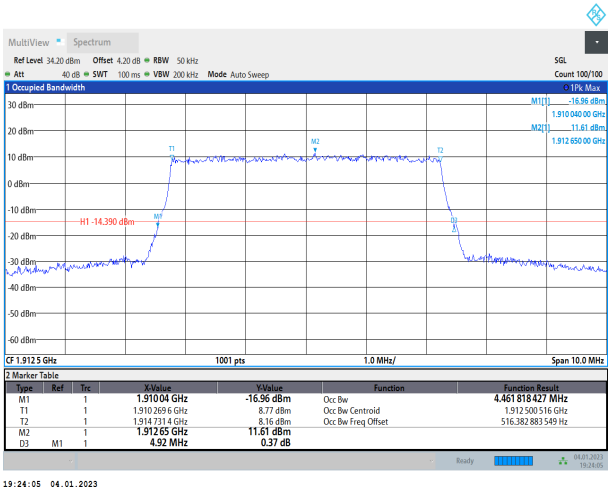

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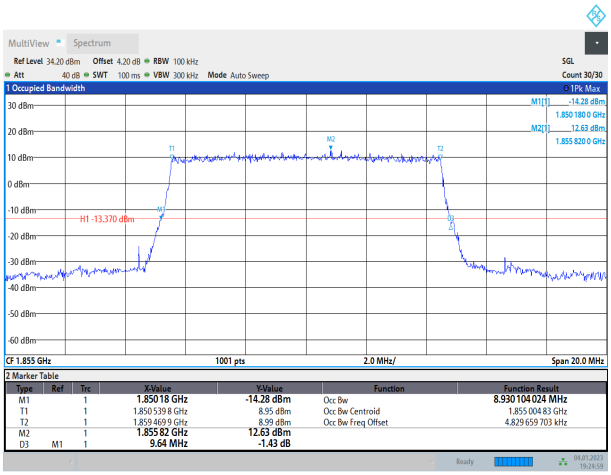
Band25-10MHz-QPSK-26090-50RB#0



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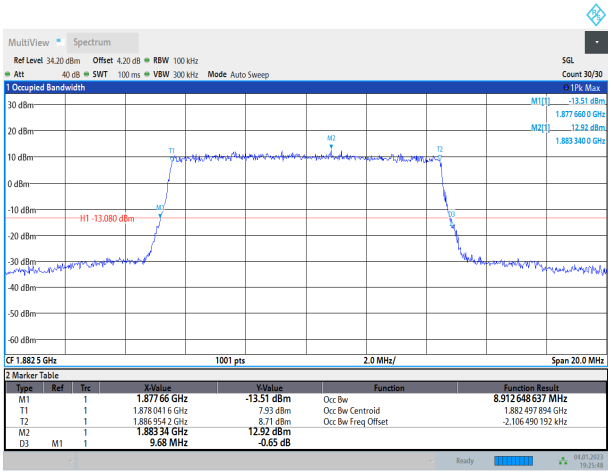

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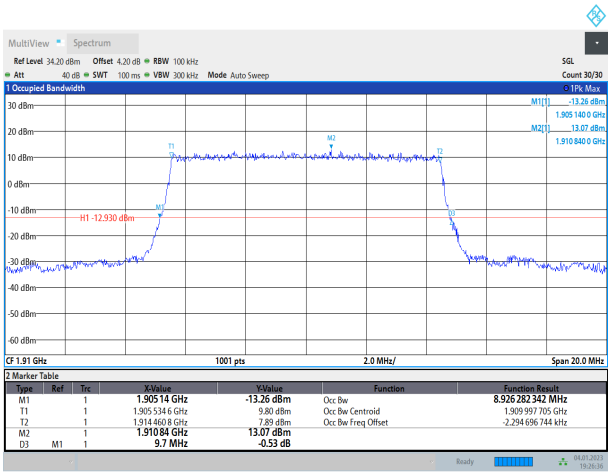
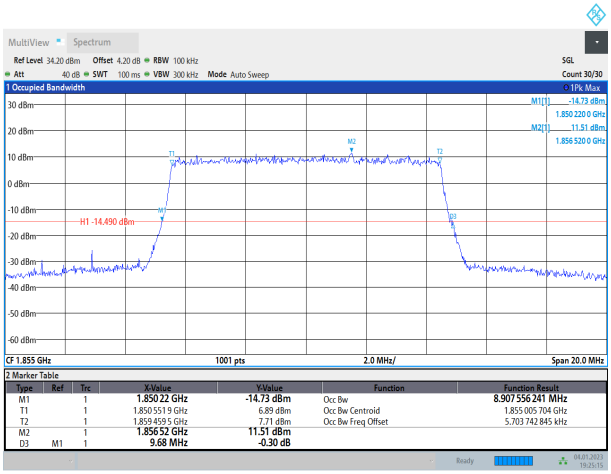
Band25-10MHz-QPSK-26640-50RB#0



Band25-10MHz-16QAM-26090-50RB#0



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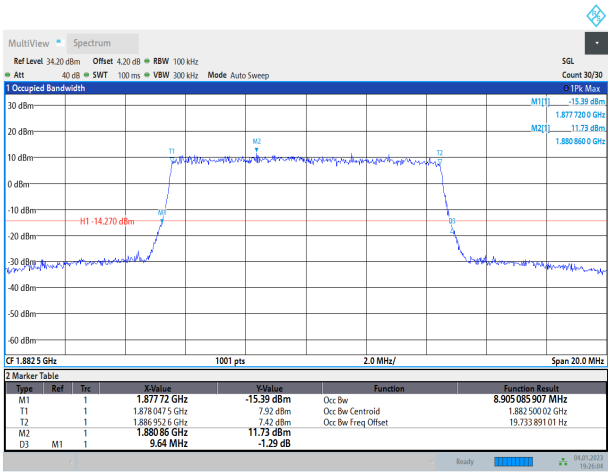

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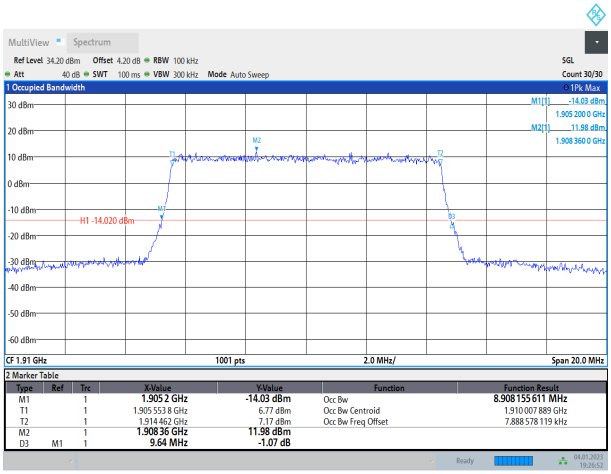

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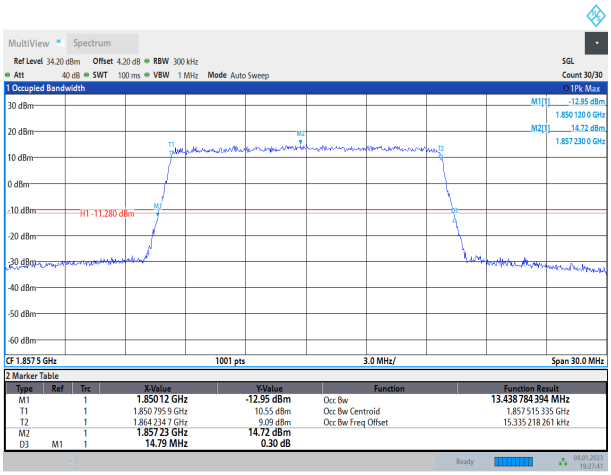
Band25-15MHz-QPSK-26115-75RB#0



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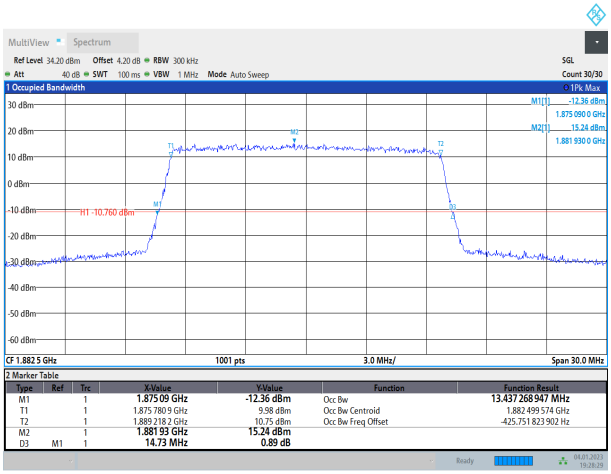
Band25-15MHz-QPSK-26365-75RB#0



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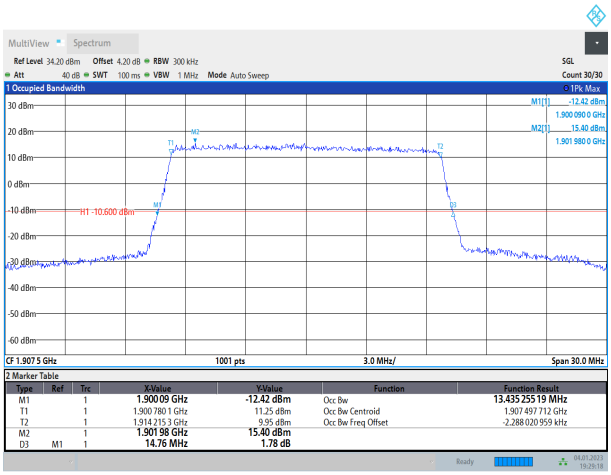
Band25-15MHz-QPSK-26615-75RB#0



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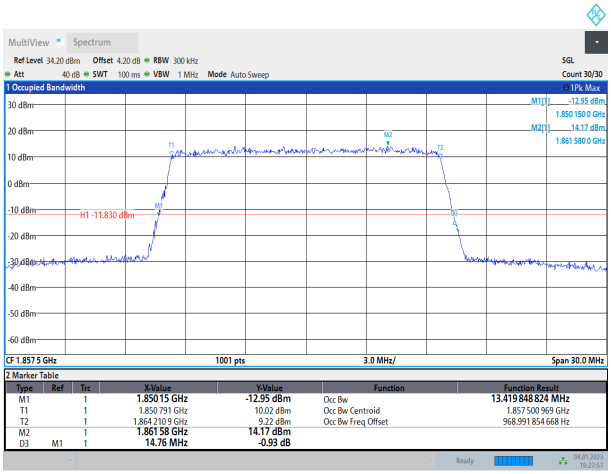

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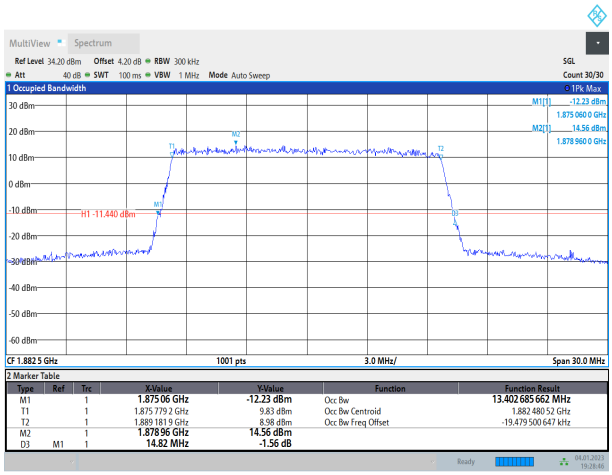
Band25-15MHz-16QAM-26365-75RB#0



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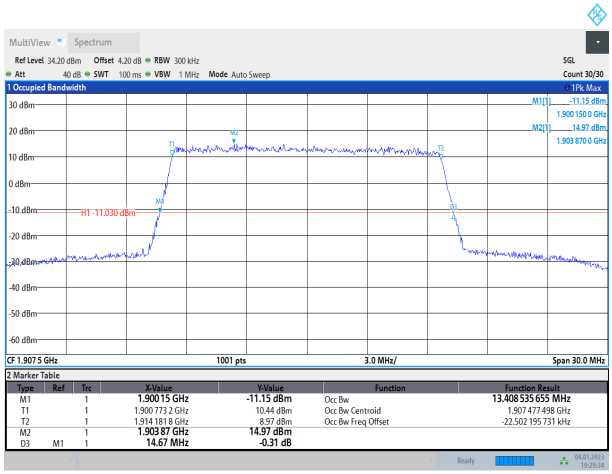

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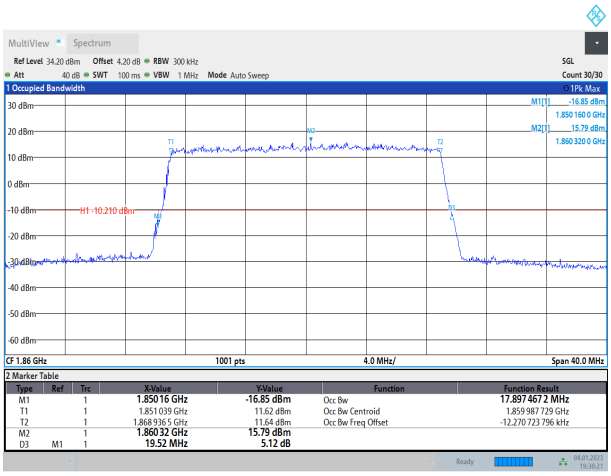
Band25-20MHz-QPSK-26140-100RB#0



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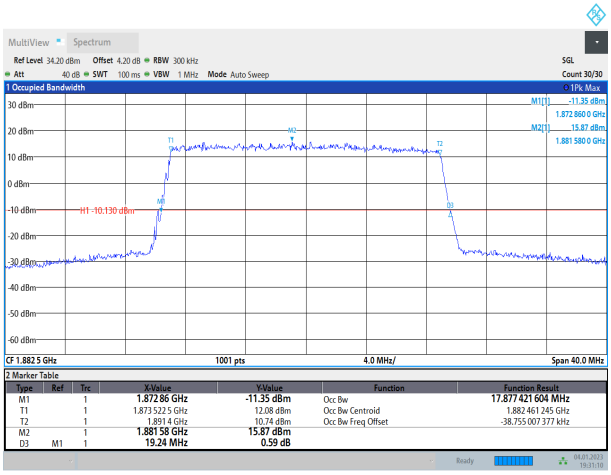

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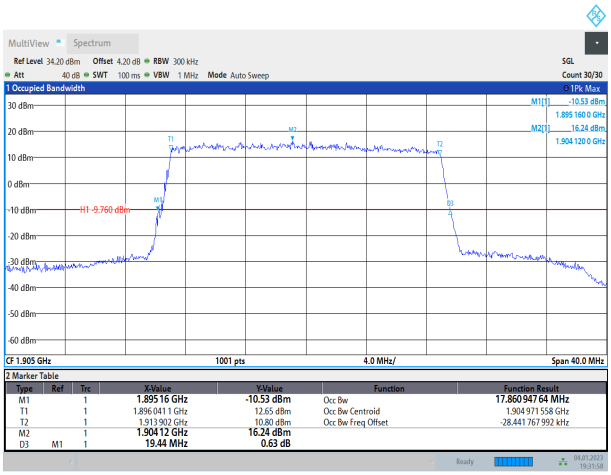
Band25-20MHz-QPSK-26590-100RB#0



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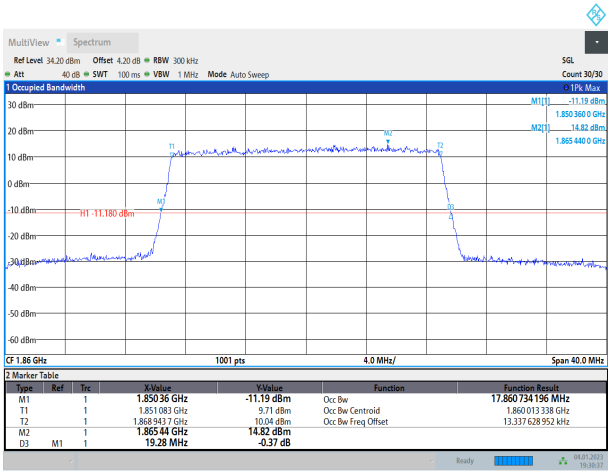

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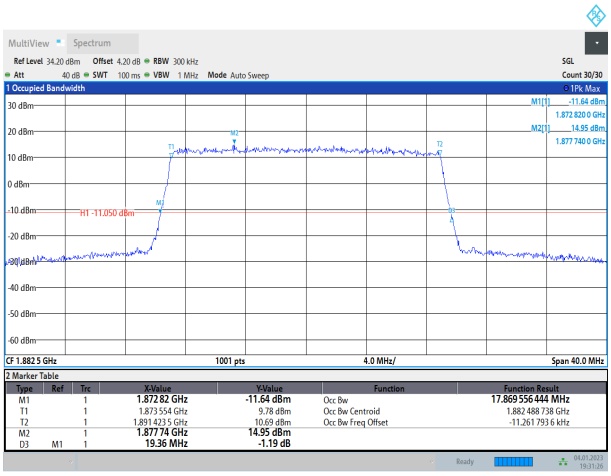
Band25-20MHz-16QAM-26365-100RB#0



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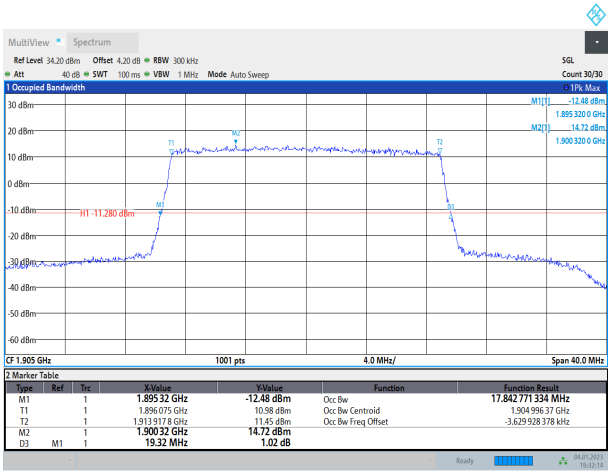

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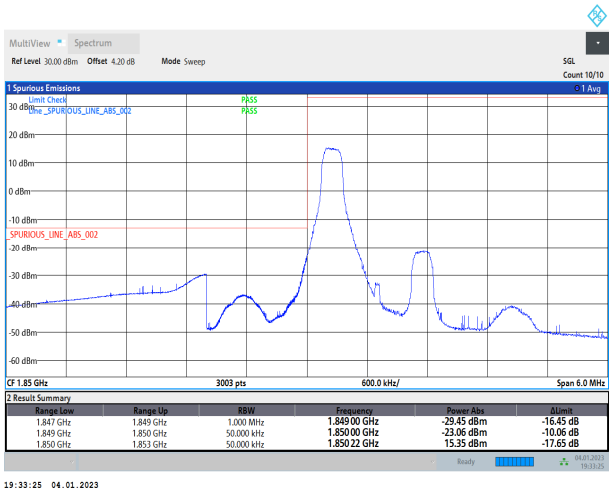
Band Edge

Test Graphs

Band25-1.4MHz-QPSK-26047-1RB#0



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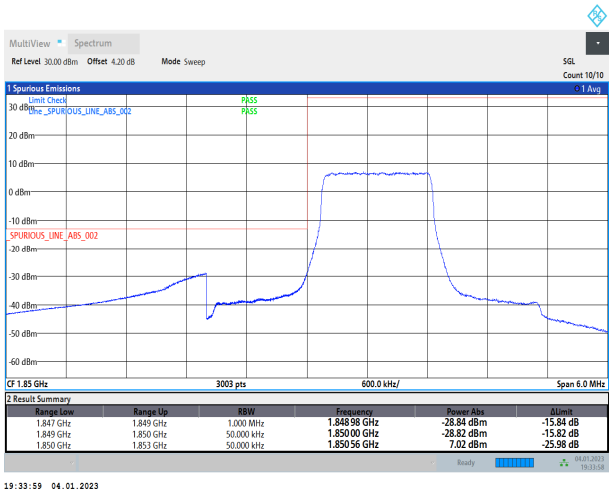

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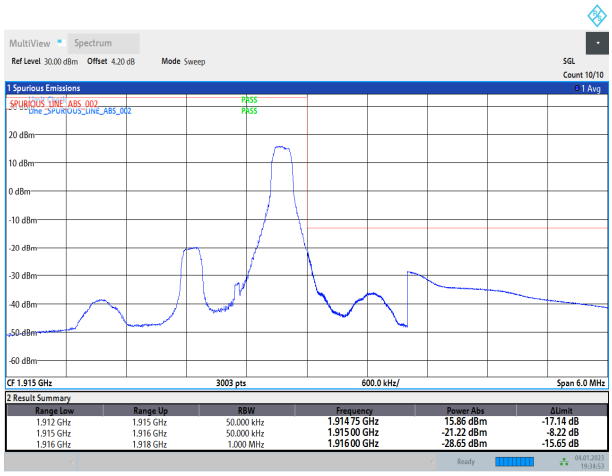
Band25-1.4MHz-QPSK-26683-1RB#5



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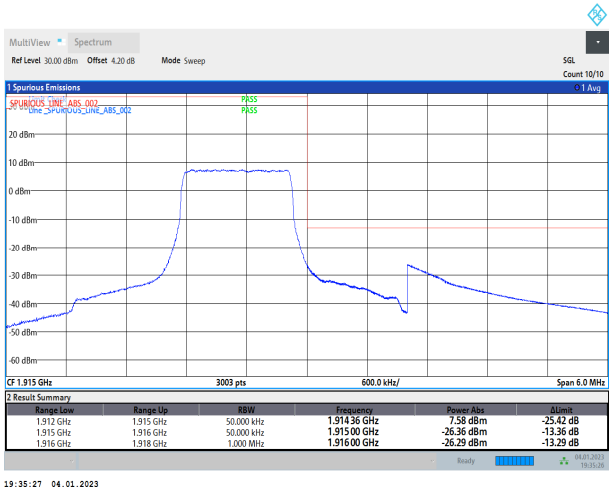

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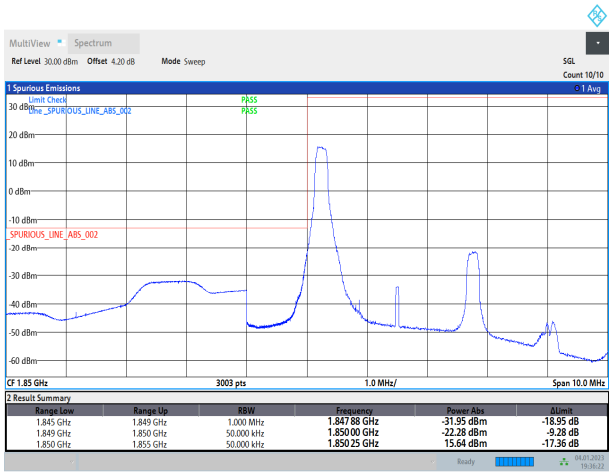
Band25-3MHz-QPSK-26055-1RB#0



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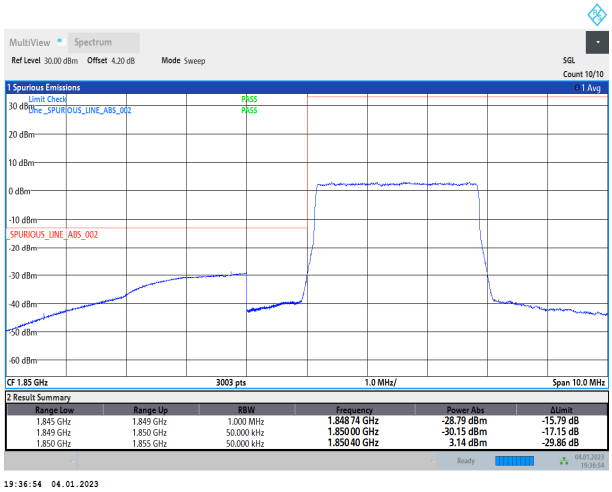

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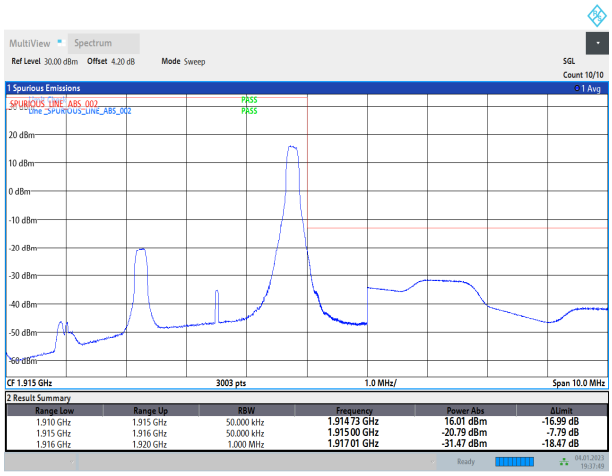
Band25-3MHz-QPSK-26675-1RB#14



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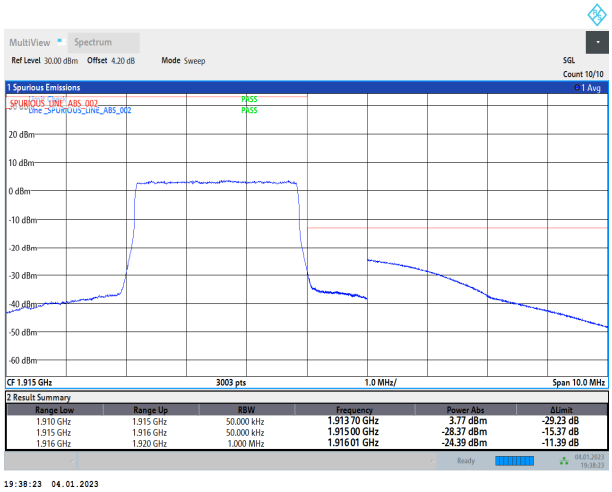

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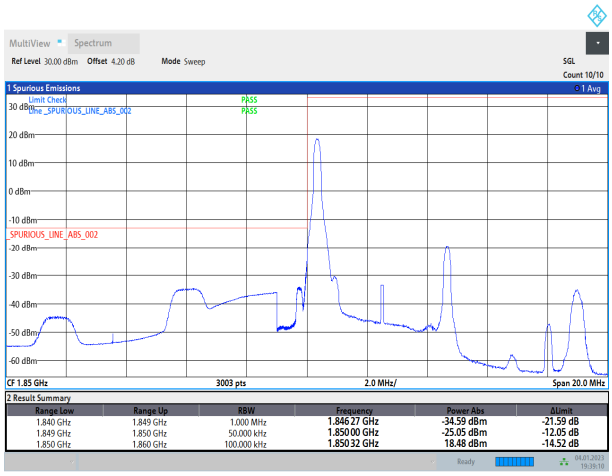
Band25-5MHz-QPSK-26065-1RB#0



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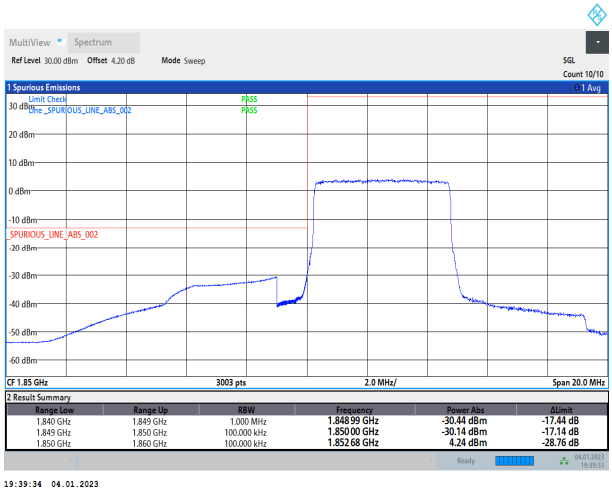

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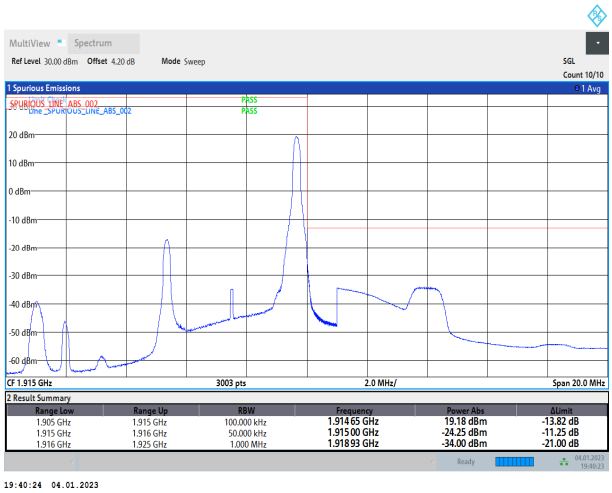

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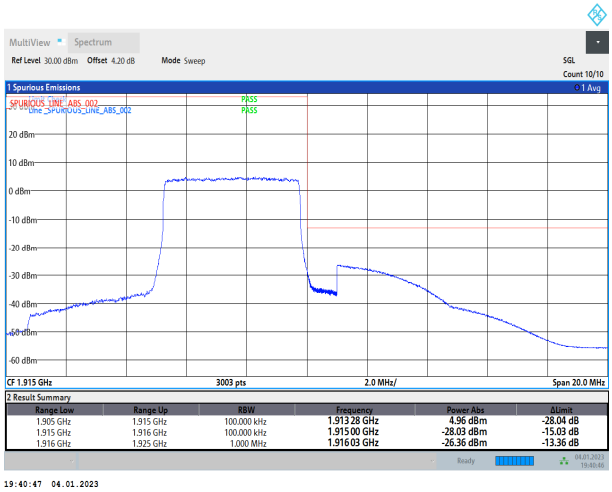

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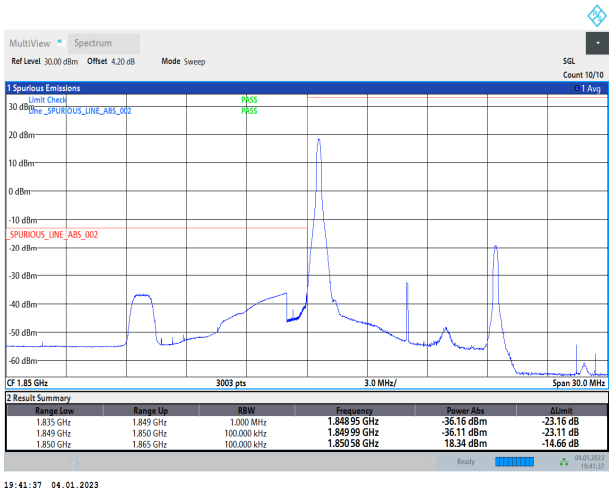
Band25-10MHz-QPSK-26090-1RB#0


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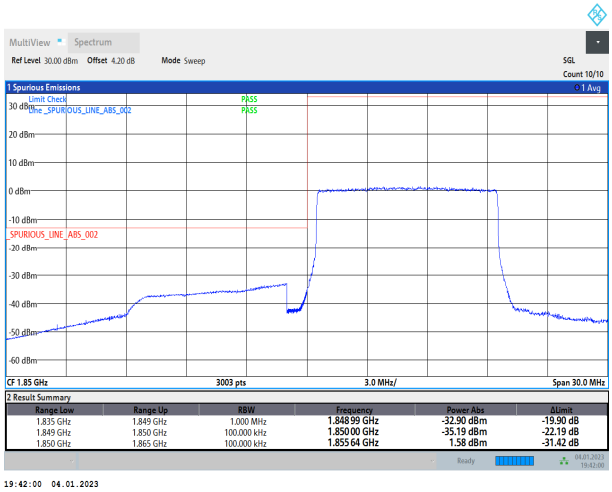

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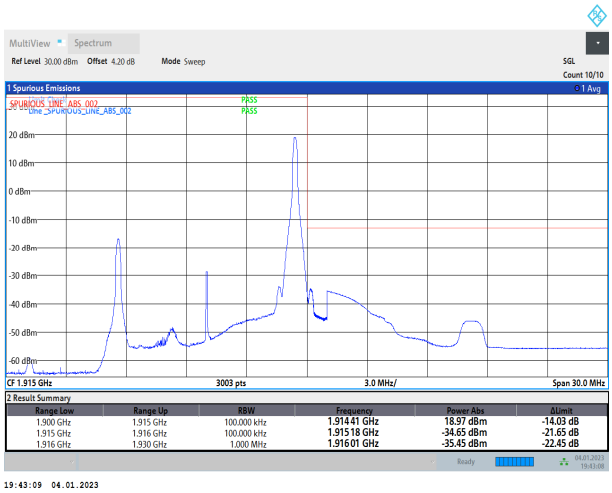
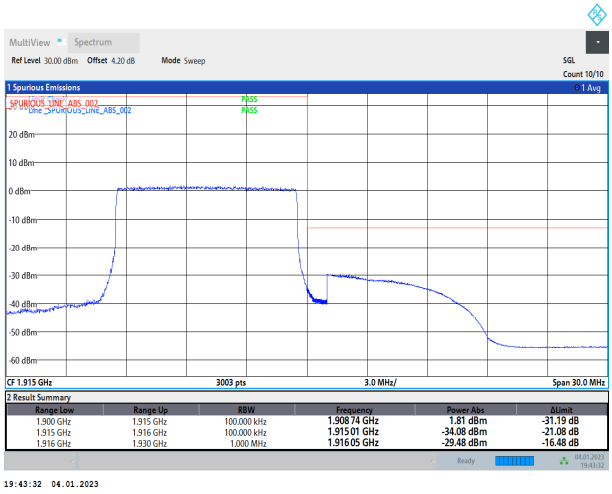
Band25-10MHz-QPSK-26640-1RB#49



Band25-10MHz-QPSK-26640-50RB#0



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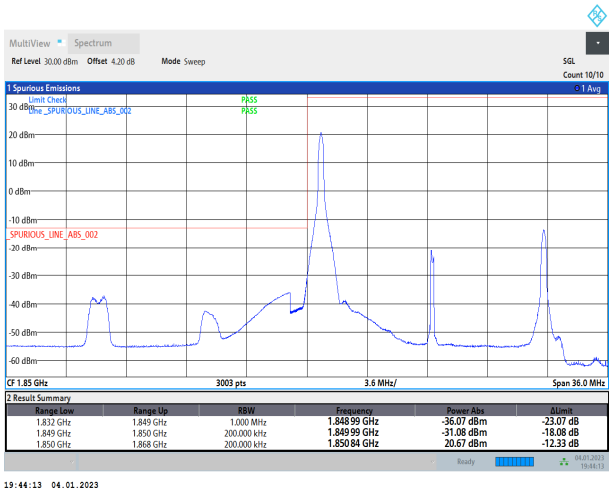
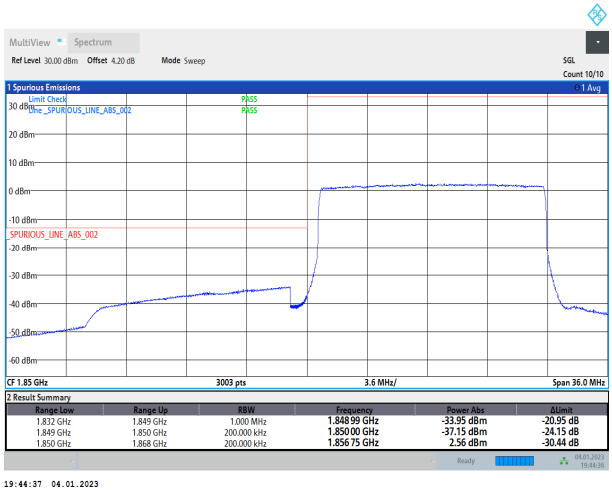
Band25-15MHz-QPSK-26115-1RB#0



Band25-15MHz-QPSK-26115-75RB#0



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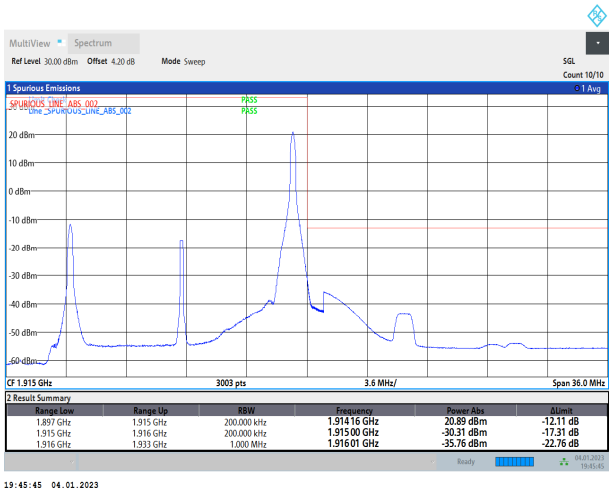
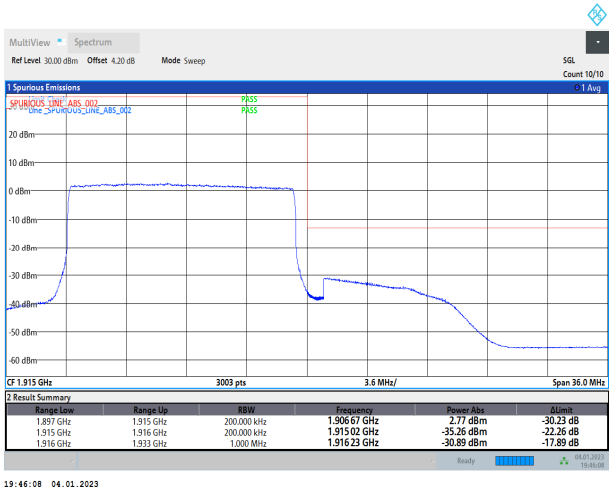
Band25-15MHz-QPSK-26615-1RB#74



Band25-15MHz-QPSK-26615-75RB#0



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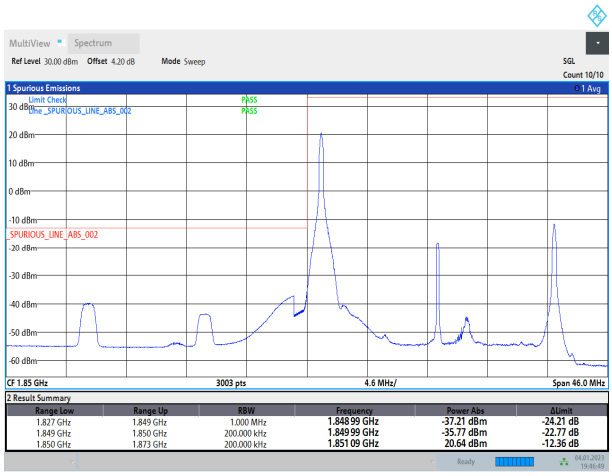
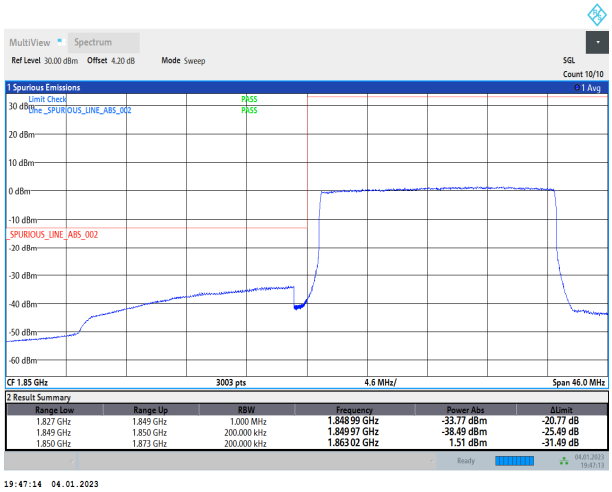
Band25-20MHz-QPSK-26140-1RB#0



Band25-20MHz-QPSK-26140-100RB#0



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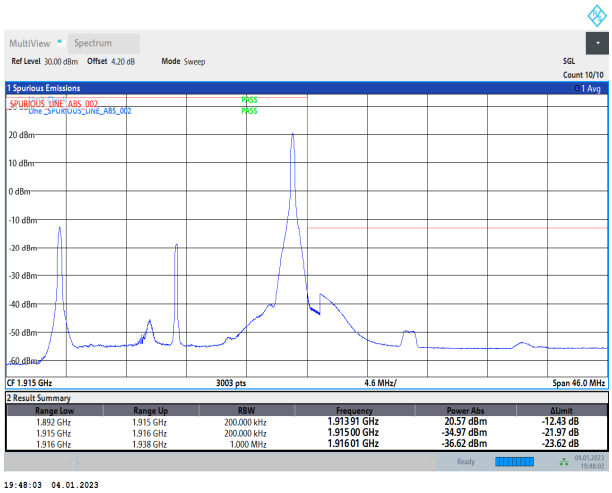
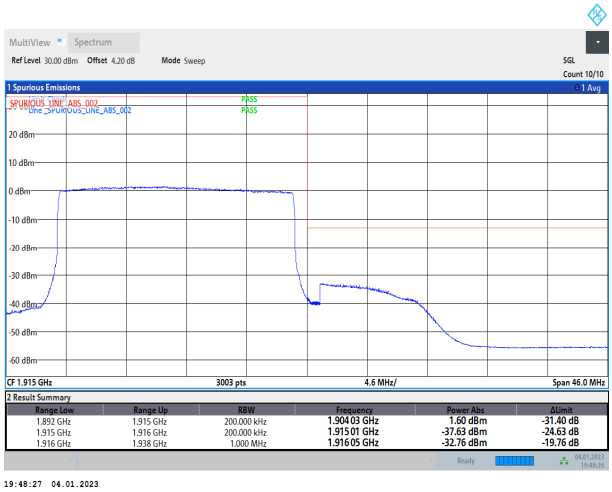
Band25-20MHz-QPSK-26590-1RB#99



Band25-20MHz-QPSK-26590-100RB#0



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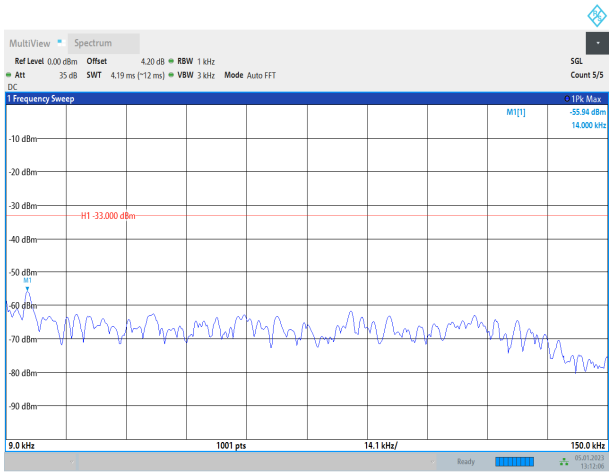
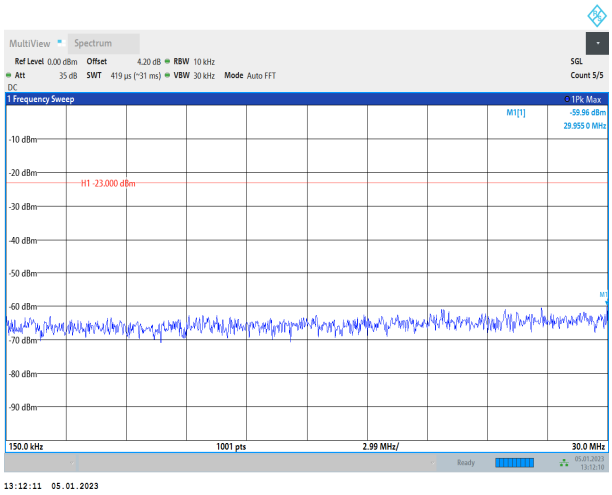
Conducted Spurious Emission

Test Graphs

Band25-20MHz-QPSK-26140-1RB#0-Range1:0.009~0.15MHz



Band25-20MHz-QPSK-26140-1RB#0-Range2:0.15~30MHz



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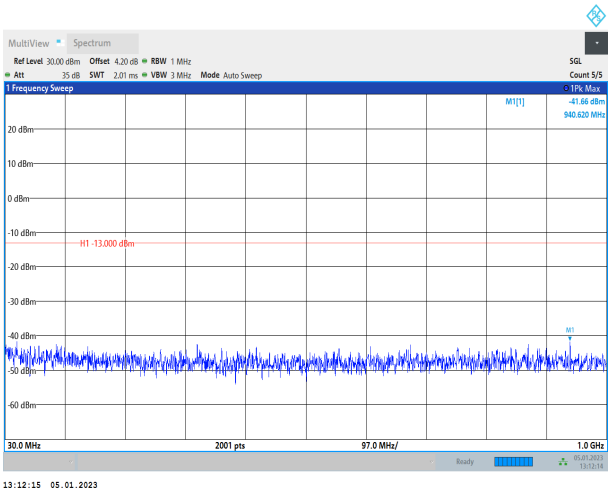
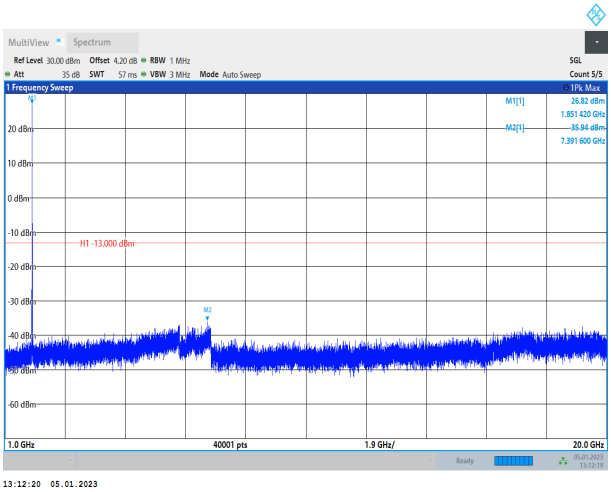
Band25-20MHz-QPSK-26140-1RB#0-Range3:30~1000MHz



Band25-20MHz-QPSK-26140-1RB#0-Range4:1000~20000MHz



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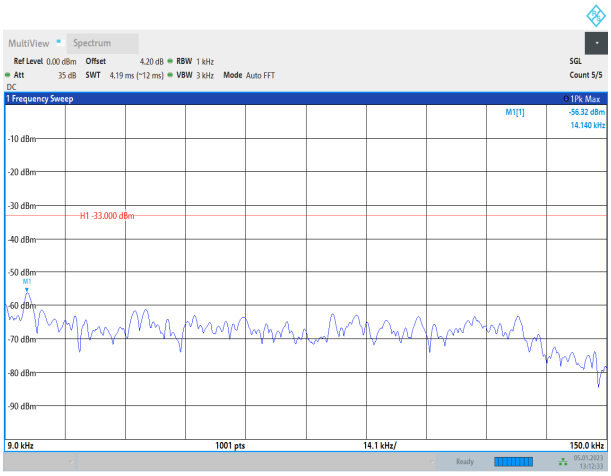
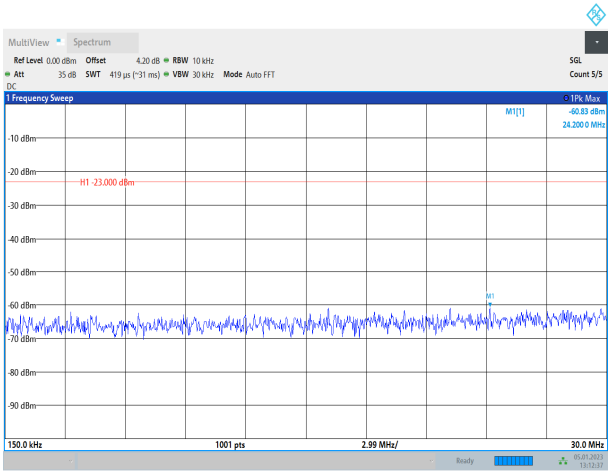
Band25-20MHz-QPSK-26365-1RB#0-Range1:0.009~0.15MHz



Band25-20MHz-QPSK-26365-1RB#0-Range2:0.15~30MHz



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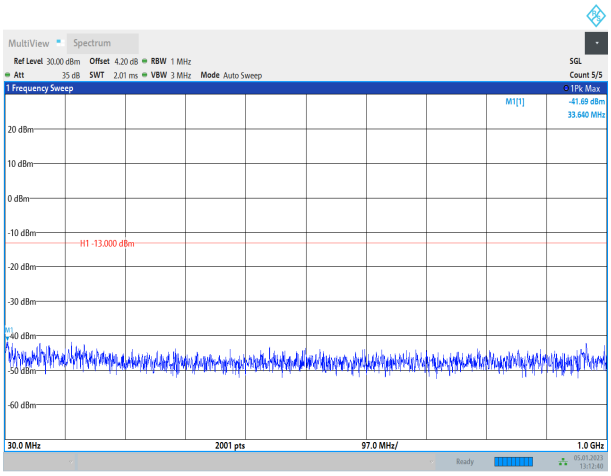
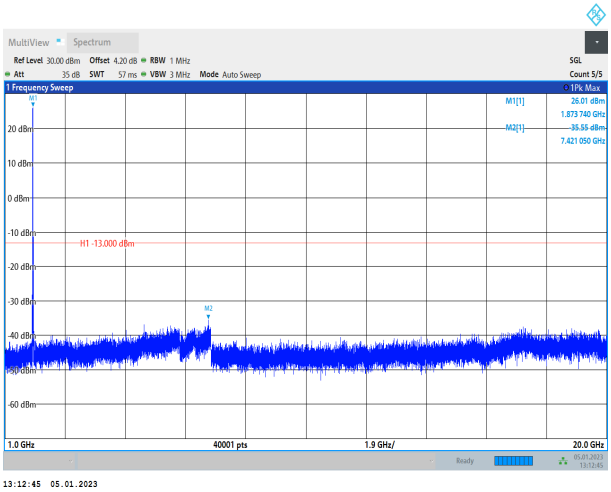
Band25-20MHz-QPSK-26365-1RB#0-Range3:30~1000MHz



Band25-20MHz-QPSK-26365-1RB#0-Range4:1000~20000MHz



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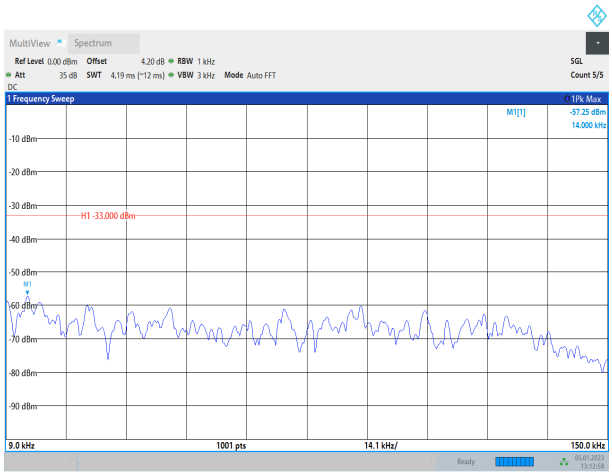
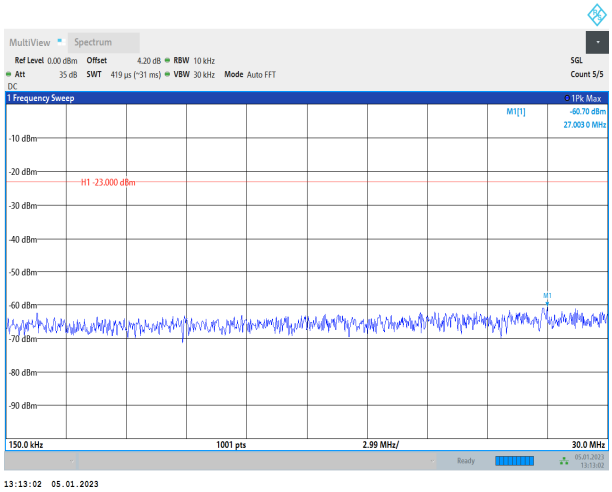
Band25-20MHz-QPSK-26590-1RB#0-Range1:0.009~0.15MHz



Band25-20MHz-QPSK-26590-1RB#0-Range2:0.15~30MHz



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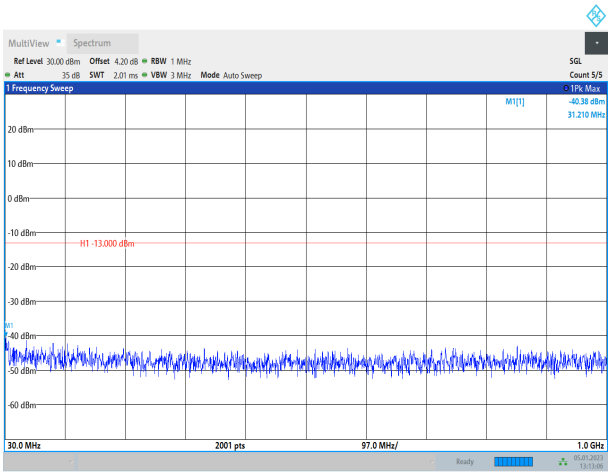
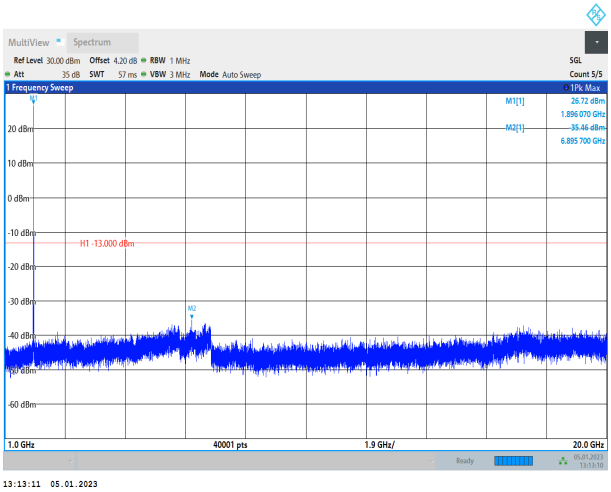
Band25-20MHz-QPSK-26590-1RB#0-Range3:30~1000MHz



Band25-20MHz-QPSK-26590-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band25_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.80	-45.51	29.98	-69.99	-13.00	56.99	125	165	Horizontal
2	5553.2700	40.32	-45.15	32.97	-67.12	-13.00	54.12	145	359	Horizontal
3	7404.3600	39.01	-43.40	36.49	-63.16	-13.00	50.16	166	352	Horizontal
4	9255.4500	35.95	-40.23	38.38	-61.16	-13.00	48.16	236	360	Horizontal
5	11106.5400	33.16	-37.93	39.09	-60.94	-13.00	47.94	259	194	Horizontal
6	12957.6300	32.21	-37.24	39.79	-60.50	-13.00	47.50	144	239	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	39.77	-45.51	29.98	-71.02	-13.00	58.02	174	4	Vertical
2	5553.2700	39.65	-45.15	32.97	-67.79	-13.00	54.79	165	344	Vertical
3	7404.3600	39.83	-43.40	36.49	-62.34	-13.00	49.34	199	74	Vertical
4	9255.4500	35.87	-40.23	38.38	-61.24	-13.00	48.24	145	29	Vertical
5	11106.5400	32.64	-37.93	39.09	-61.46	-13.00	48.46	128	360	Vertical
6	12957.6300	31.68	-37.24	39.79	-61.03	-13.00	48.03	133	43	Vertical

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Test Band = LTE Band25_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	41.31	-45.68	30.12	-69.51	-13.00	56.51	144	4	Horizontal
2	5613.2700	40.60	-45.04	33.07	-66.63	-13.00	53.63	152	179	Horizontal
3	7484.3600	37.97	-43.18	36.45	-64.02	-13.00	51.02	136	360	Horizontal
4	9355.4500	35.37	-40.00	38.46	-61.44	-13.00	48.44	259	255	Horizontal
5	11226.5400	33.95	-37.40	39.11	-59.60	-13.00	46.60	199	149	Horizontal
6	13097.6300	31.81	-37.01	39.87	-60.58	-13.00	47.58	174	45	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.46	-45.68	30.12	-70.36	-13.00	57.36	214	4	Vertical
2	5613.2700	39.62	-45.04	33.07	-67.61	-13.00	54.61	156	226	Vertical
3	7484.3600	38.71	-43.18	36.45	-63.28	-13.00	50.28	236	344	Vertical
4	9355.4500	35.31	-40.00	38.46	-61.50	-13.00	48.50	188	61	Vertical
5	11226.5400	33.45	-37.40	39.11	-60.10	-13.00	47.10	195	195	Vertical
6	13097.6300	32.13	-37.01	39.87	-60.26	-13.00	47.26	174	150	Vertical

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Test Band = LTE Band25_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.1800	40.71	-45.89	30.30	-70.14	-13.00	57.14	145	353	Horizontal
2	5688.2700	39.86	-44.87	33.34	-66.93	-13.00	53.93	126	145	Horizontal
3	7584.3600	38.54	-42.96	36.40	-63.28	-13.00	50.28	188	256	Horizontal
4	9480.4500	34.69	-40.15	38.47	-62.25	-13.00	49.25	195	151	Horizontal
5	11376.5400	32.91	-37.38	39.11	-60.62	-13.00	47.62	175	300	Horizontal
6	13272.6300	30.67	-36.97	40.00	-61.55	-13.00	48.55	136	151	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3792.1800	41.76	-45.89	30.30	-69.09	-13.00	56.09	122	88	Vertical
2	5688.2700	39.65	-44.87	33.34	-67.14	-13.00	54.14	145	178	Vertical
3	7584.3600	38.39	-42.96	36.40	-63.43	-13.00	50.43	198	357	Vertical
4	9480.4500	35.06	-40.15	38.47	-61.88	-13.00	48.88	175	133	Vertical
5	11376.5400	32.31	-37.38	39.11	-61.22	-13.00	48.22	146	178	Vertical
6	13272.6300	30.85	-36.97	40.00	-61.37	-13.00	48.37	183	125	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

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	1.90	0.001009	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	1.70	0.000903	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	0.60	0.000319	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Verdict
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	0.20	0.000106	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	1.50	0.000797	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-10	0.20	0.000106	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	1.20	0.000637	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	1.80	0.000956	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	1.40	0.000744	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	2.00	0.001062	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	2.90	0.001541	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	2.00	0.001062	PASS

---End of Attachment---

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