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Appendix B.3

LTE Band 2



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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
Band2	1.4MHz	QPSK	18607	1RB#0	23.90	25.49	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.92	25.51	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.76	25.35	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.87	24.46	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	23.91	25.50	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	23.97	25.56	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	23.85	25.44	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	22.97	24.56	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	24.01	25.60	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	23.96	25.55	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	23.91	25.50	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	22.93	24.52	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	23.01	24.60	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	23.26	24.85	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	23.06	24.65	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.96	23.55	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	23.08	24.67	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	23.30	24.89	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	23.02	24.61	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	22.06	23.65	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	23.49	25.08	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	23.41	25.00	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	23.21	24.80	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	22.05	23.64	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.97	25.56	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.89	25.48	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	23.84	25.43	33.00	PASS



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Band2	3MHz	QPSK	18615	15RB#0	22.79	24.38	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.80	25.39	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	24.02	25.61	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	23.78	25.37	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	22.94	24.53	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	24.06	25.65	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	23.97	25.56	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	24.00	25.59	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	22.97	24.56	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	23.18	24.77	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	23.17	24.76	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	23.10	24.69	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.94	23.53	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	23.04	24.63	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	23.24	24.83	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	23.09	24.68	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.97	23.56	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	23.48	25.07	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	23.27	24.86	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	23.33	24.92	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	22.11	23.70	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	24.00	25.59	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#12	23.84	25.43	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.84	25.43	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.90	24.49	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	24.06	25.65	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	23.87	25.46	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.99	25.58	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	23.00	24.59	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	24.15	25.74	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	23.73	25.32	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	23.96	25.55	33.00	PASS



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Band2	5MHz	QPSK	19175	25RB#0	23.00	24.59	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	23.26	24.85	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	23.05	24.64	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	23.23	24.82	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.91	23.50	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	23.32	24.91	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	23.15	24.74	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	23.26	24.85	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	22.00	23.59	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	23.46	25.05	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	23.31	24.90	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	23.22	24.81	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	22.03	23.62	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.99	25.58	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.80	25.39	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.92	25.51	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.81	24.40	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	24.07	25.66	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	23.94	25.53	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	24.09	25.68	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	23.00	24.59	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	24.16	25.75	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	23.92	25.51	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	24.04	25.63	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	23.12	24.71	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	23.29	24.88	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	23.12	24.71	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	23.36	24.95	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.81	23.40	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	23.33	24.92	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	23.28	24.87	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	23.31	24.90	33.00	PASS



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Band2	10MHz	16QAM	18900	50RB#0	21.90	23.49	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	23.54	25.13	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	23.27	24.86	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	23.10	24.69	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	22.03	23.62	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.75	25.34	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	23.86	25.45	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.87	25.46	33.00	PASS
Band2	15MHz	QPSK	18675	75RB#0	22.69	24.28	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	24.00	25.59	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	23.84	25.43	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#74	24.05	25.64	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.82	24.41	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	24.16	25.75	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	23.86	25.45	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	24.09	25.68	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	22.93	24.52	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	23.07	24.66	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	23.09	24.68	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	23.18	24.77	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.61	23.20	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	23.21	24.80	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	23.31	24.90	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	23.42	25.01	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.81	23.40	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	23.22	24.81	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	23.19	24.78	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	23.42	25.01	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	22.01	23.60	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	23.65	25.24	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	23.58	25.17	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	23.53	25.12	33.00	PASS



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Band2	20MHz	QPSK	18900	1RB#0	23.84	25.43	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	23.86	25.45	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	23.59	25.18	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	22.83	24.42	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.92	25.51	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	23.86	25.45	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	23.86	25.45	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.85	24.44	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	23.05	24.64	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	23.01	24.60	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.91	24.50	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	21.73	23.32	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	23.05	24.64	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	23.04	24.63	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.76	24.35	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	21.82	23.41	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	23.25	24.84	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	23.22	24.81	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	23.16	24.75	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	21.94	23.53	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	5.54	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.56	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.54	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.38	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.36	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.34	13	PASS

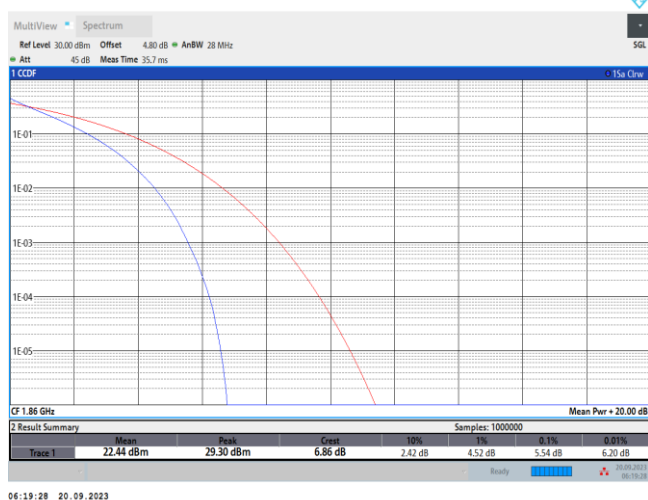


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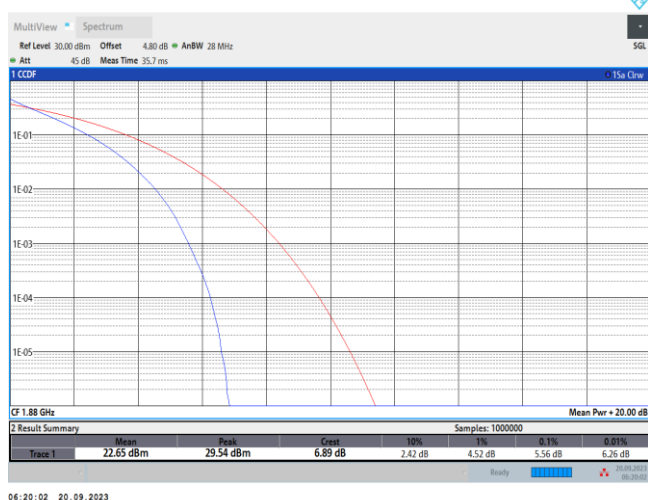
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Test Graphs

Band2-20MHz-QPSK-18700-100RB#0



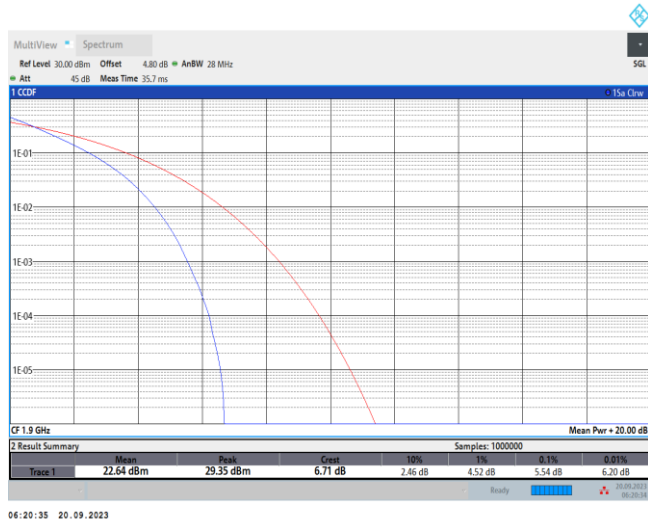
Band2-20MHz-QPSK-18900-100RB#0



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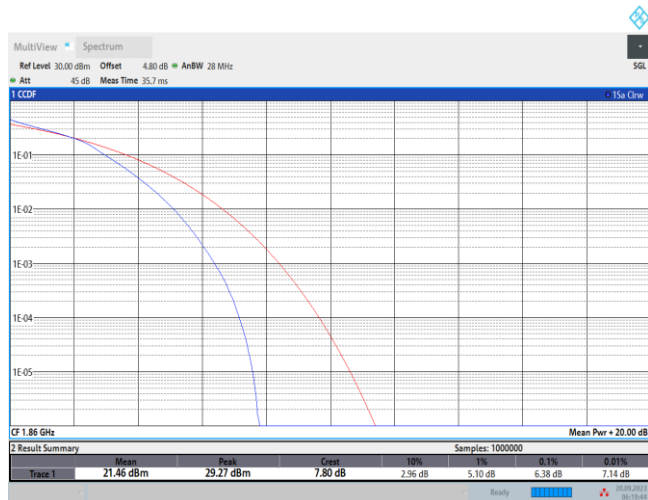
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Band2-20MHz-QPSK-19100-100RB#0



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Band2-20MHz-16QAM-18700-100RB#0

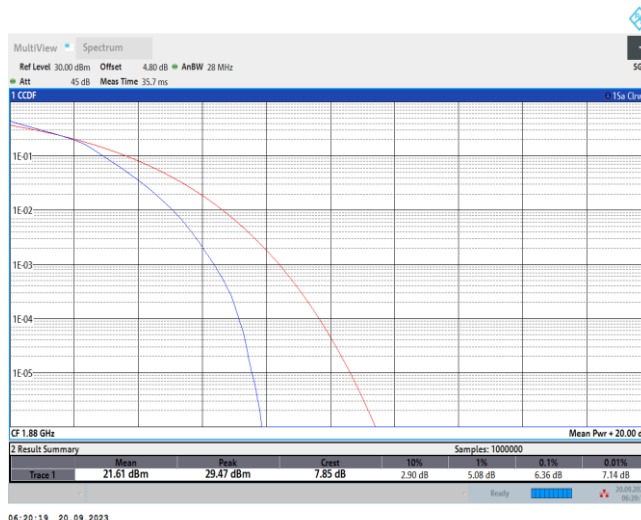


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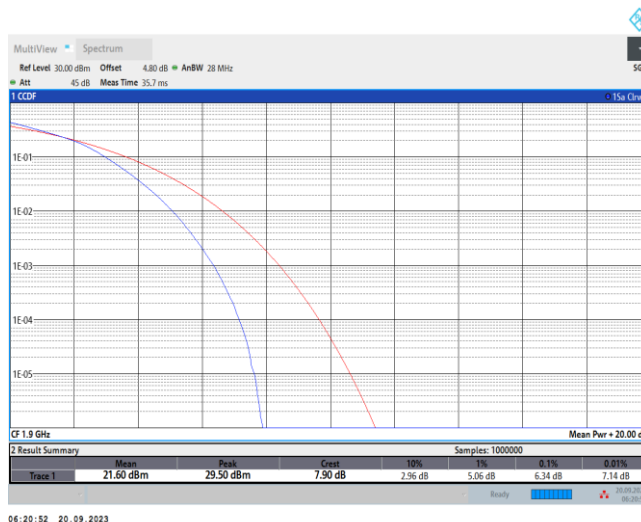


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Band2-20MHz-16QAM-18900-100RB#0



Band2-20MHz-16QAM-19100-100RB#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
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.29	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.097	1.31	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.695	2.99	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.688	3.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.468	4.91	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.47	4.93	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.70	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.906	9.72	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.469	14.76	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.445	14.76	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.927	19.60	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.915	19.40	PASS



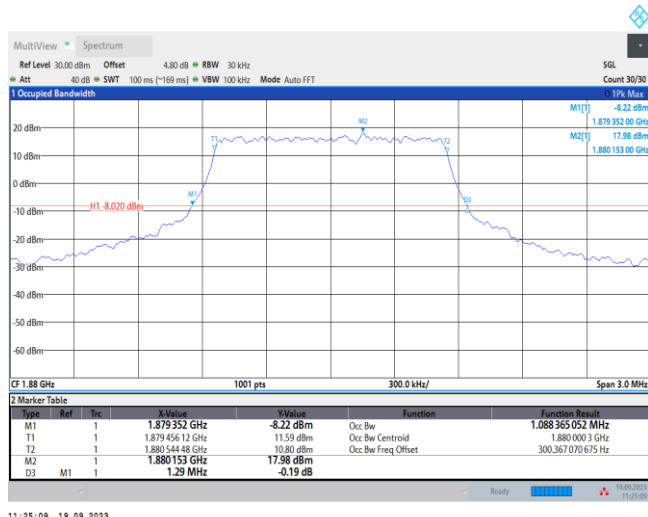
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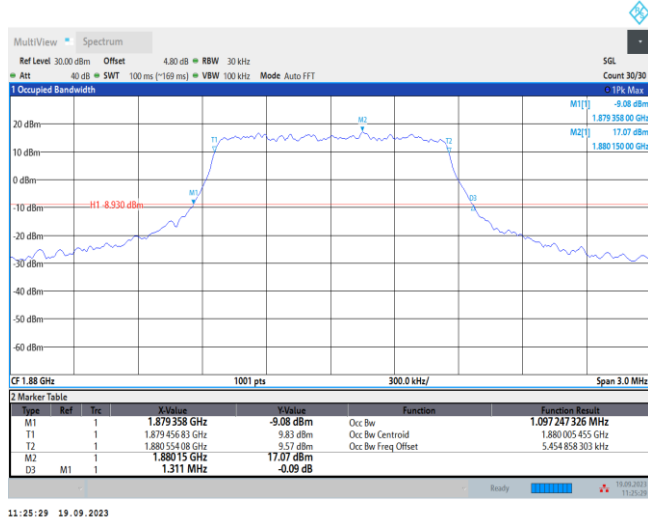
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Test Graphs

Band2-1.4MHz-QPSK-18900-6RB#0



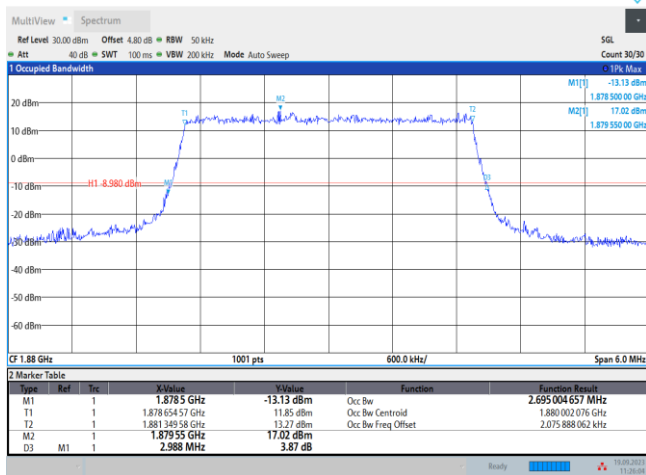
Band2-1.4MHz-16QAM-18900-6RB#0



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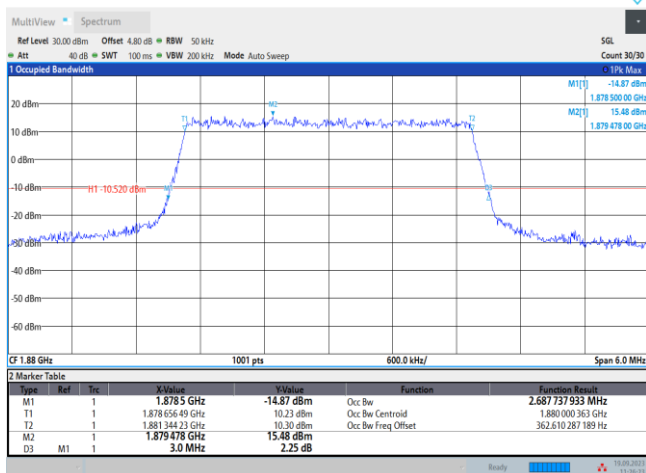
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Band2-3MHz-QPSK-18900-15RB#0



11:26:05 19.09.2023

Band2-3MHz-16QAM-18900-15RB#0



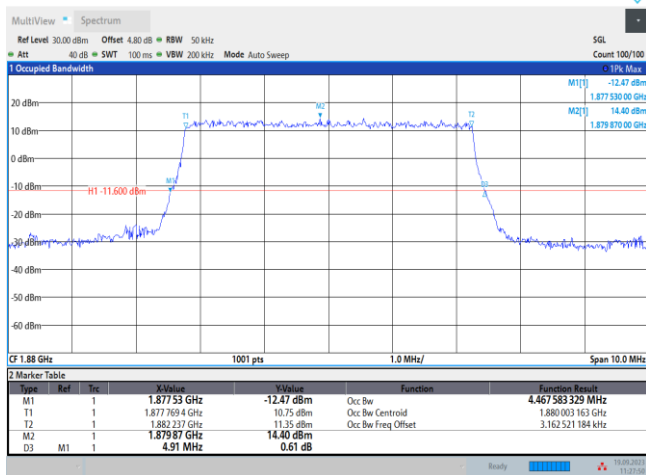
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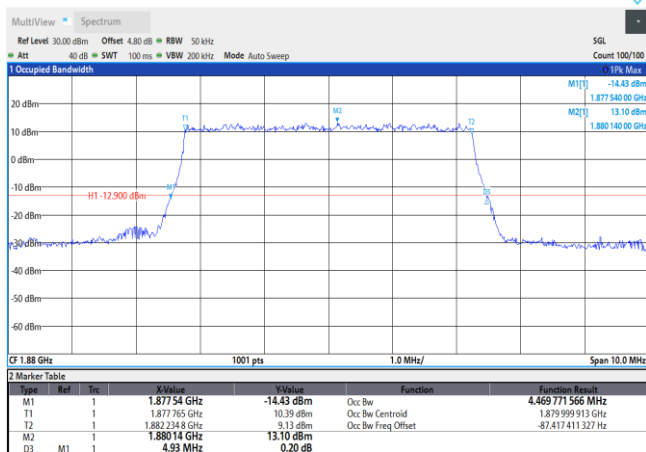
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Band2-5MHz-QPSK-18900-25RB#0



11:27:50 19.09.2023

Band2-5MHz-16QAM-18900-25RB#0



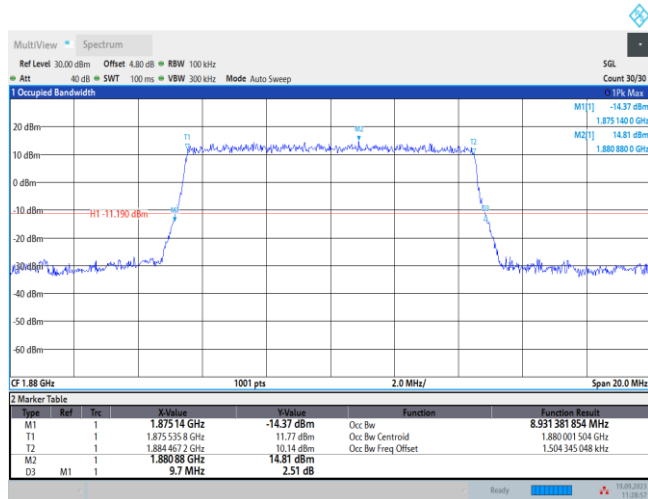
11:28:16 19.09.2023



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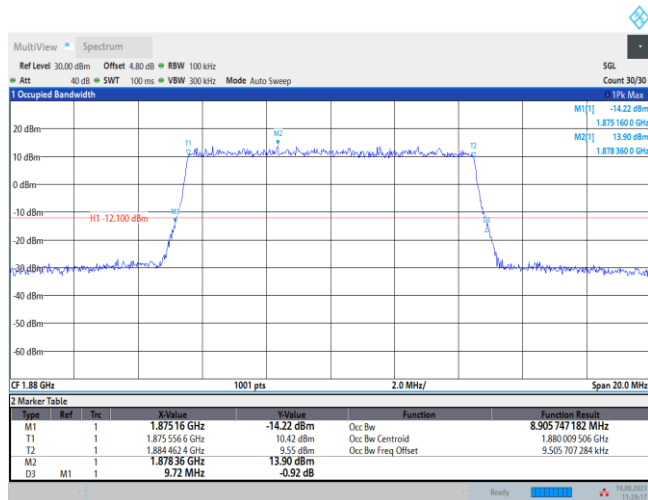
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Band2-10MHz-QPSK-18900-50RB#0



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Band2-10MHz-16QAM-18900-50RB#0



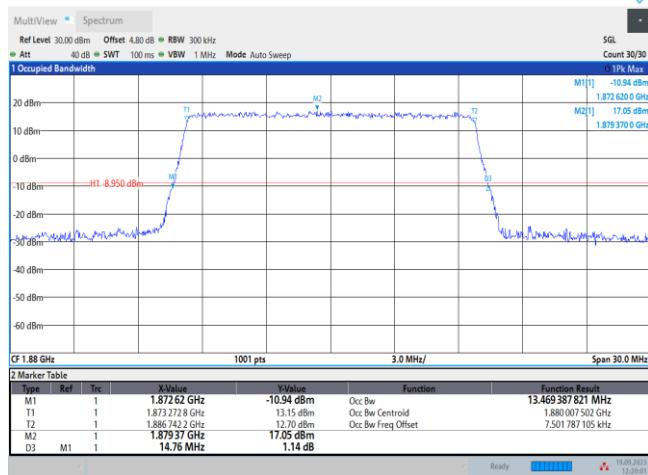
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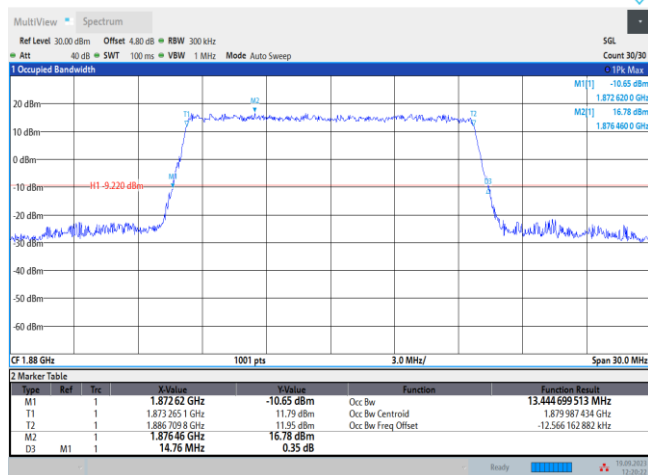
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Band2-15MHz-QPSK-18900-75RB#0



12:20:01 19.09.2023

Band2-15MHz-16QAM-18900-75RB#0



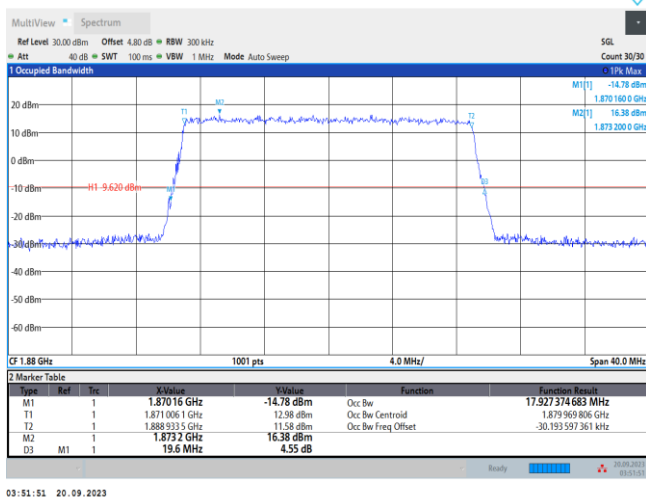
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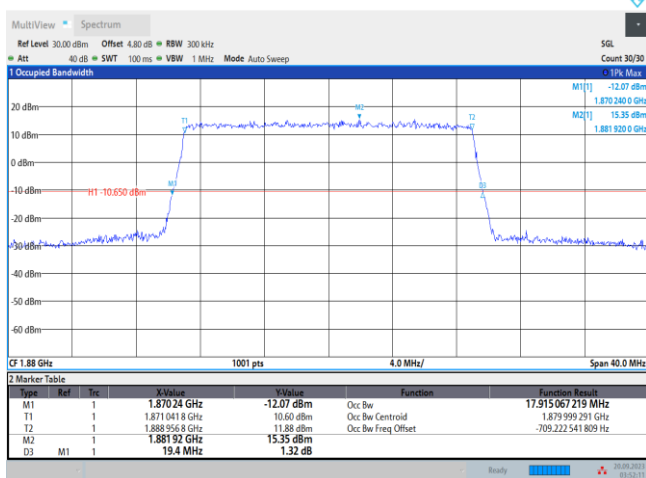
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Band2-20MHz-QPSK-18900-100RB#0



03:51:51 20.09.2023

Band2-20MHz-16QAM-18900-100RB#0



03:52:11 20.09.2023



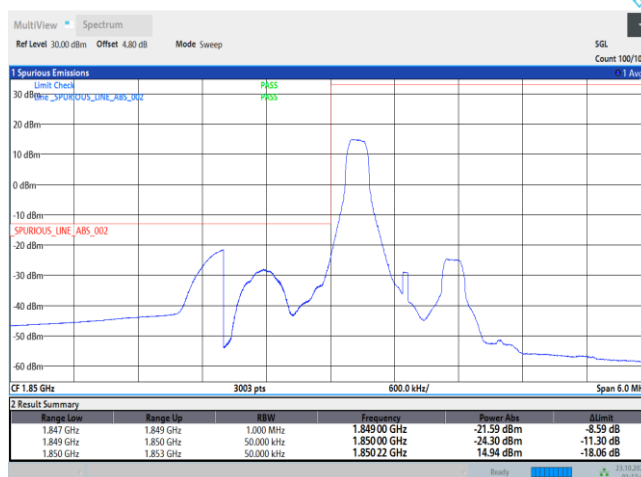
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Band Edge

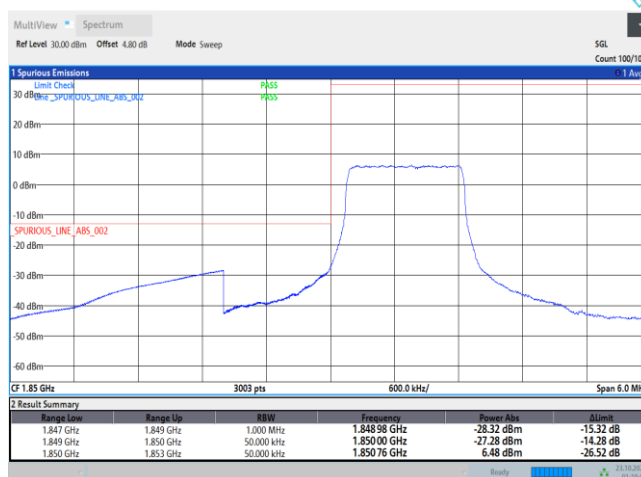
Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0



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Band2-1.4MHz-QPSK-18607-6RB#0



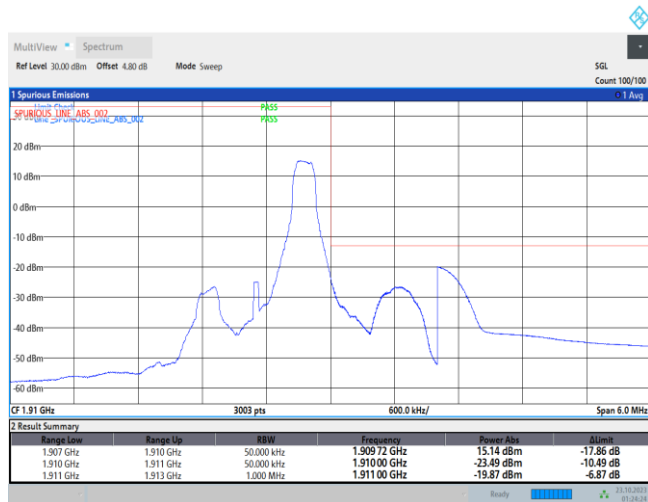
01:20:00 23.10.2023



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Band2-1.4MHz-QPSK-19193-1RB#5



01:24:24 23.10.2023

Band2-1.4MHz-QPSK-19193-6RB#0



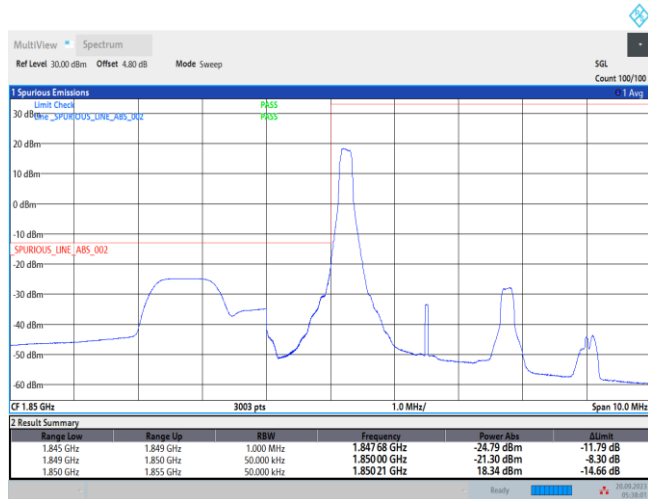
01:26:28 23.10.2023



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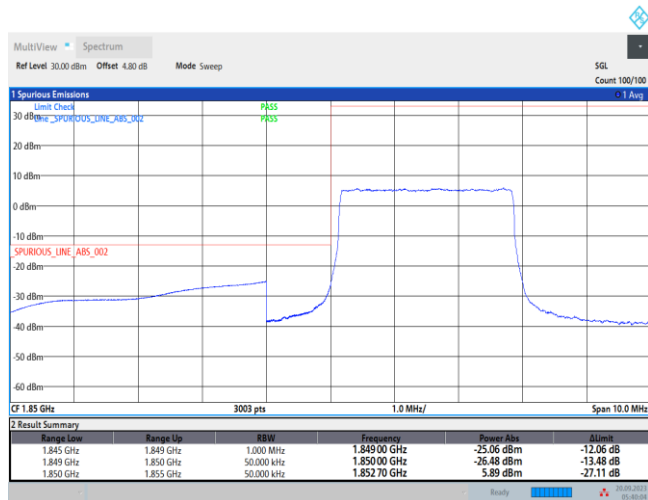
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Band2-3MHz-QPSK-18615-1RB#0



05:38:01 20.09.2023

Band2-3MHz-QPSK-18615-15RB#0



05:40:04 20.09.2023

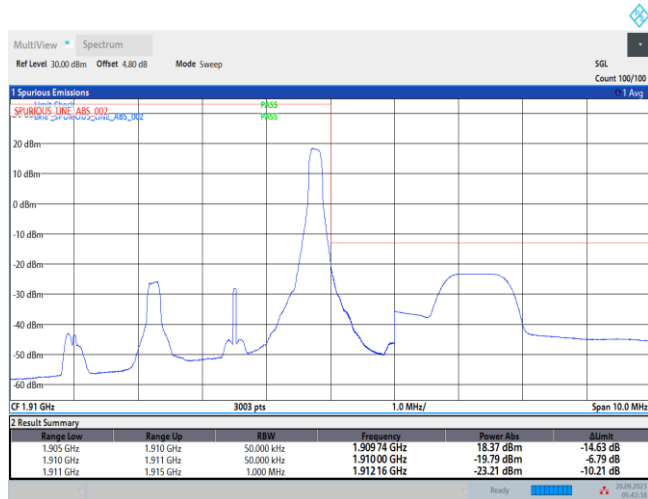


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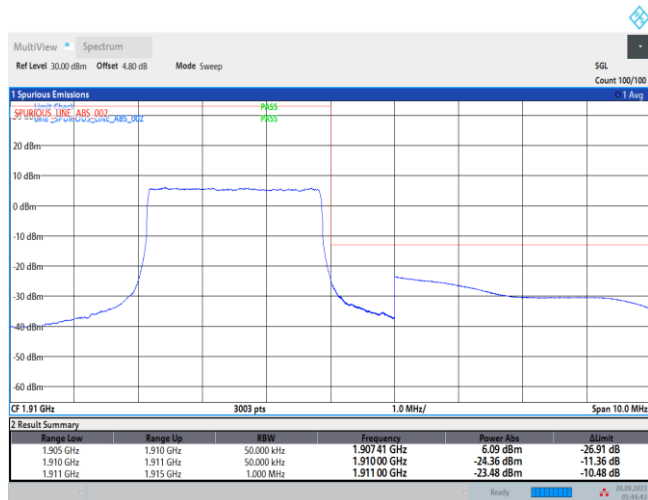
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Band2-3MHz-QPSK-19185-1RB#14



Band2-3MHz-QPSK-19185-15RB#0

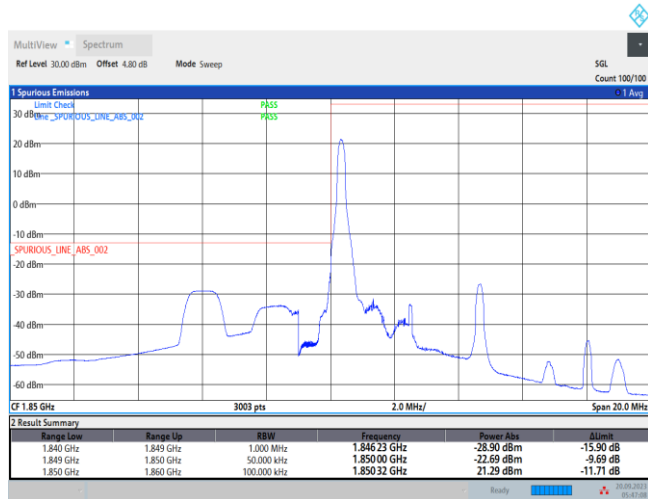


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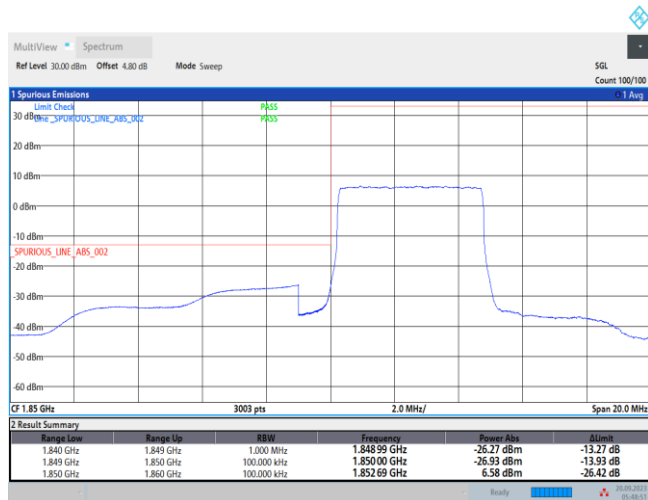
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Band2-5MHz-QPSK-18625-1RB#0



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Band2-5MHz-QPSK-18625-25RB#0



05:48:52 20.09.2023

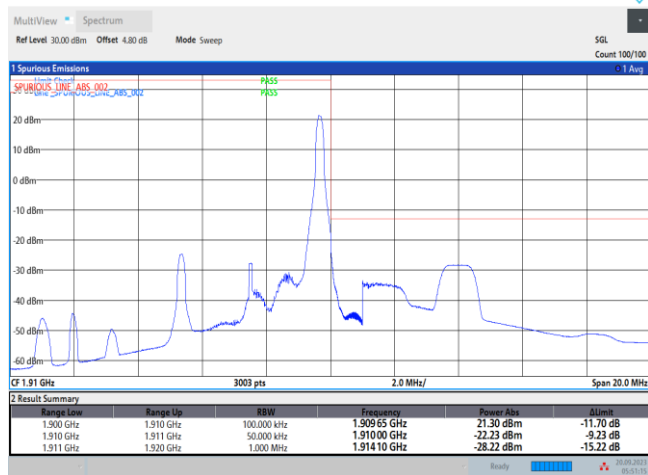


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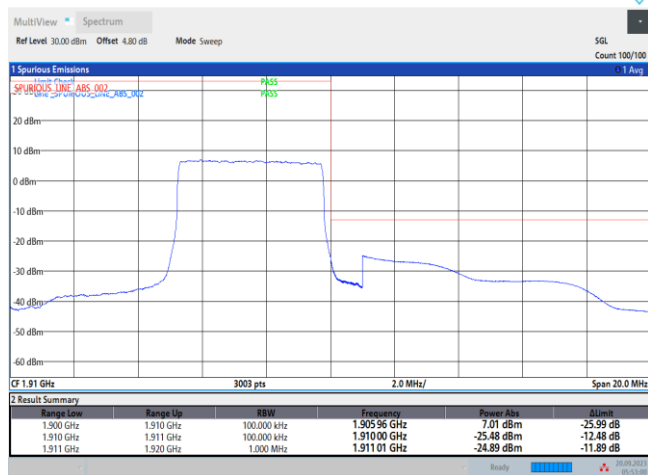
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Band2-5MHz-QPSK-19175-1RB#24



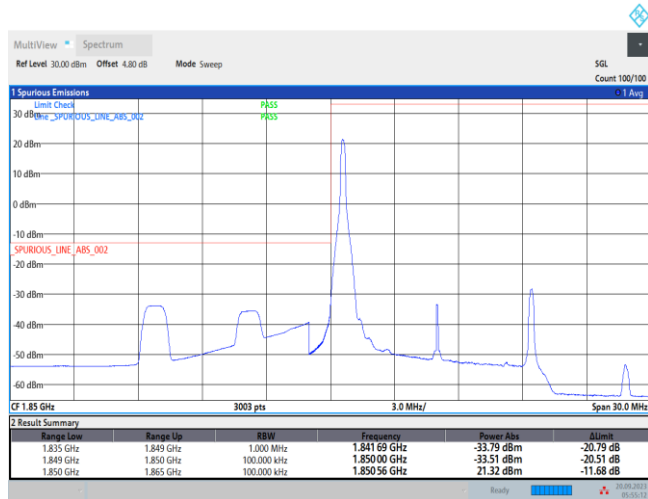
Band2-5MHz-QPSK-19175-25RB#0



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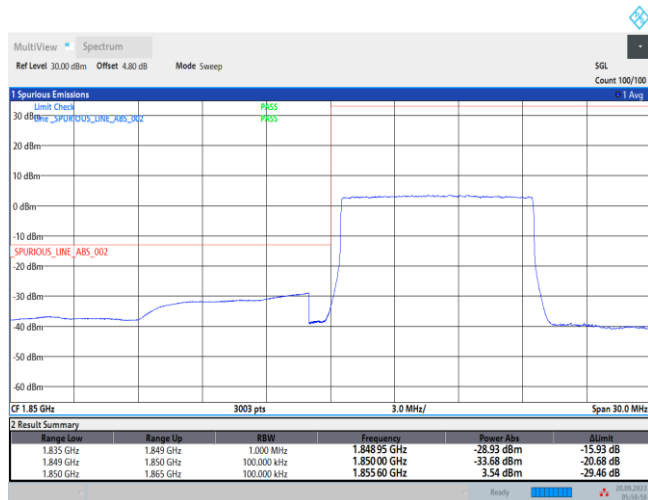
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Band2-10MHz-QPSK-18650-1RB#0



05:55:13 20.09.2023

Band2-10MHz-QPSK-18650-50RB#0



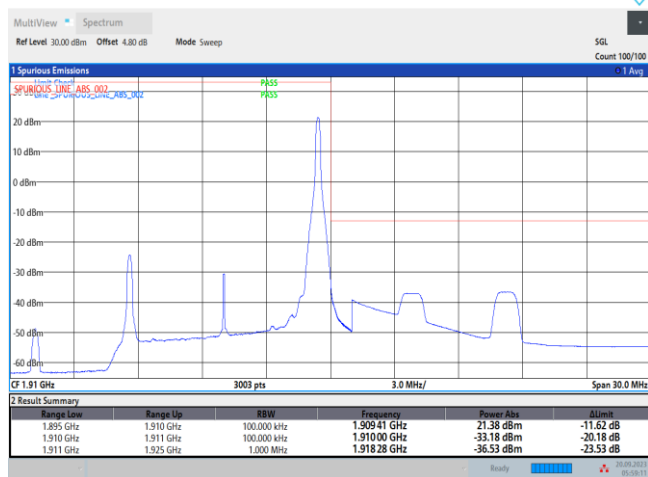
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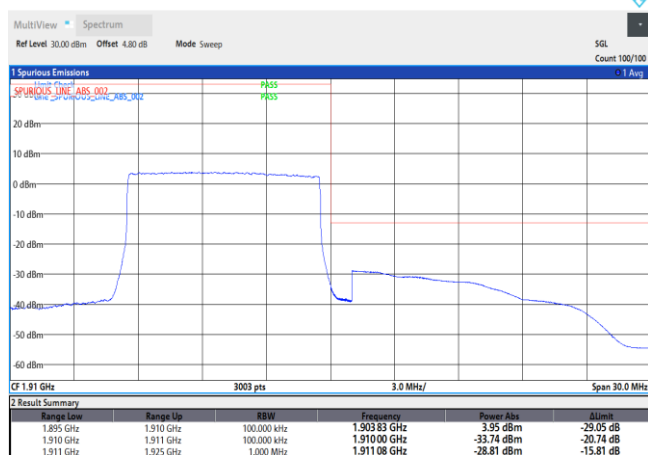
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Band2-10MHz-QPSK-19150-1RB#49



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Band2-10MHz-QPSK-19150-50RB#0



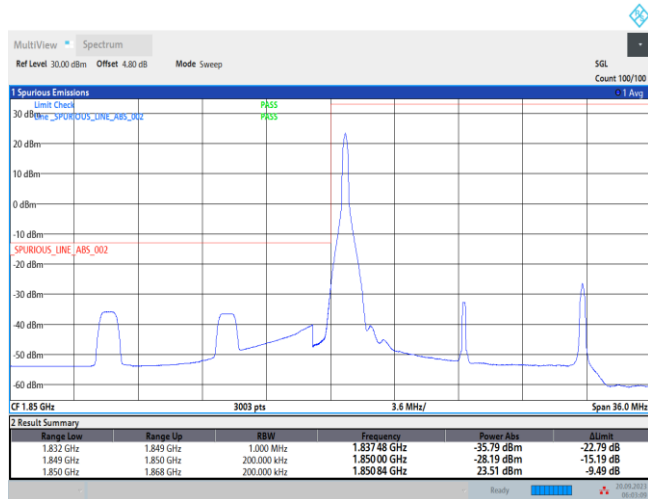
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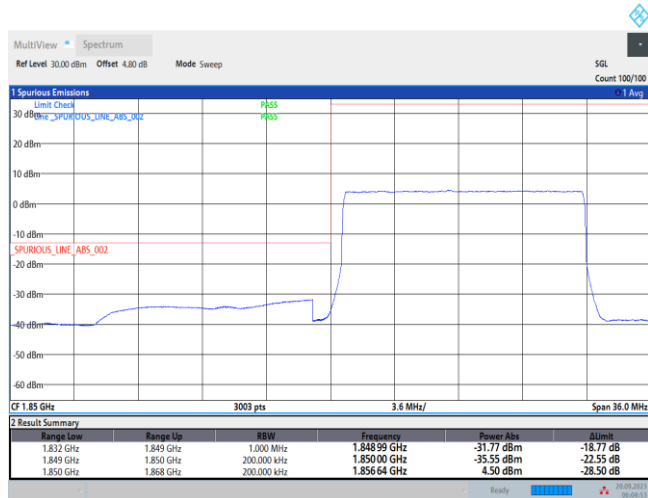
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Band2-15MHz-QPSK-18675-1RB#0



06:03:10 20.09.2023

Band2-15MHz-QPSK-18675-75RB#0



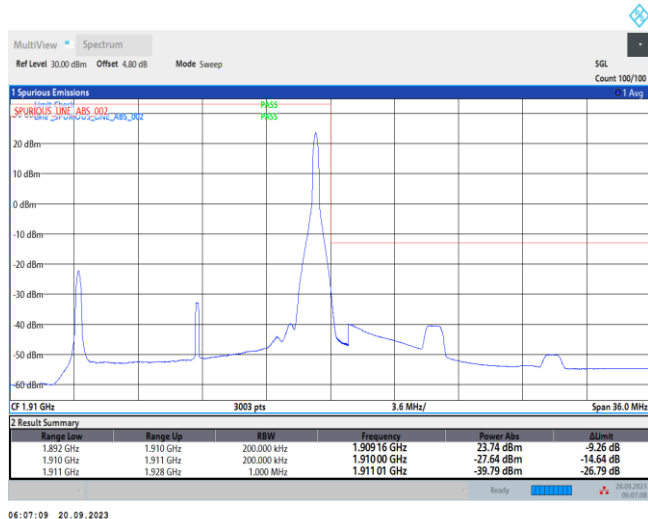
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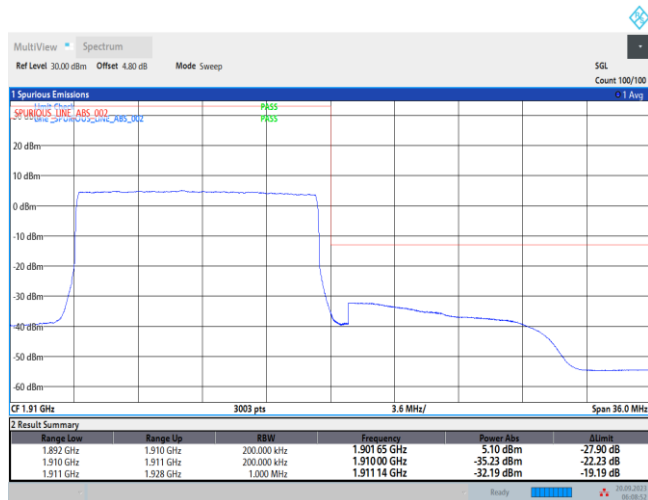
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Band2-15MHz-QPSK-19125-1RB#74



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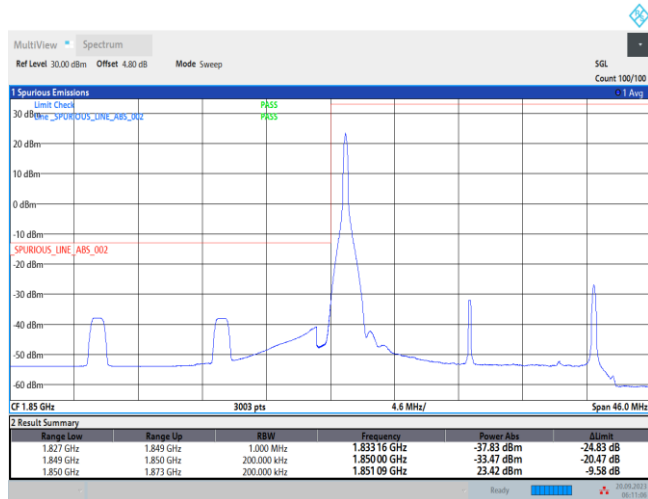
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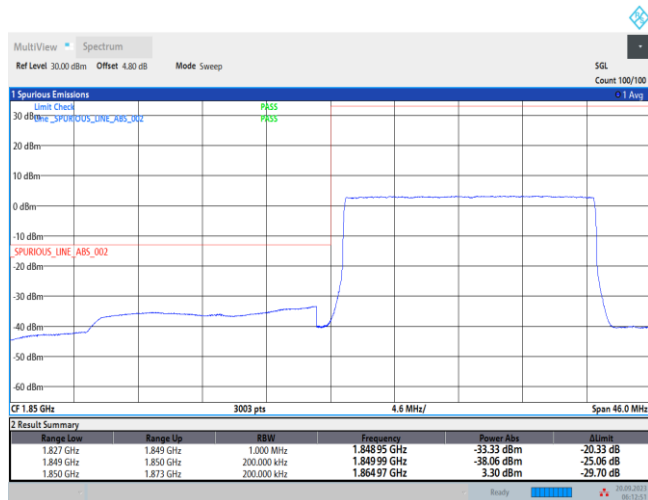
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Band2-20MHz-QPSK-18700-1RB#0



06:11:07 20.09.2023

Band2-20MHz-QPSK-18700-100RB#0



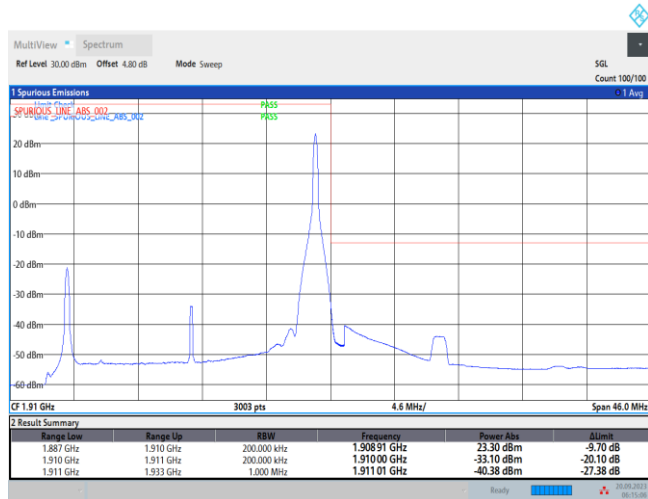
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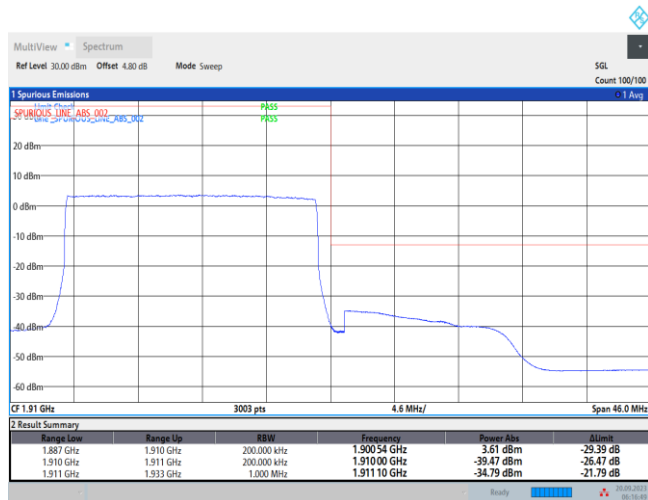
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Band2-20MHz-QPSK-19100-1RB#99



06:15:06 20.09.2023

Band2-20MHz-QPSK-19100-100RB#0



06:16:50 20.09.2023



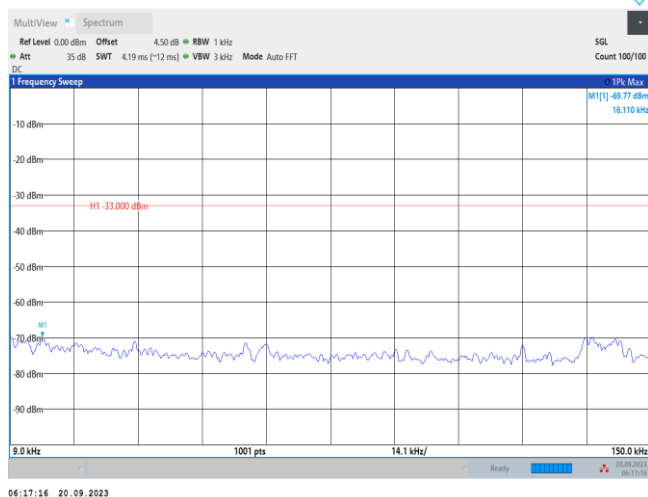
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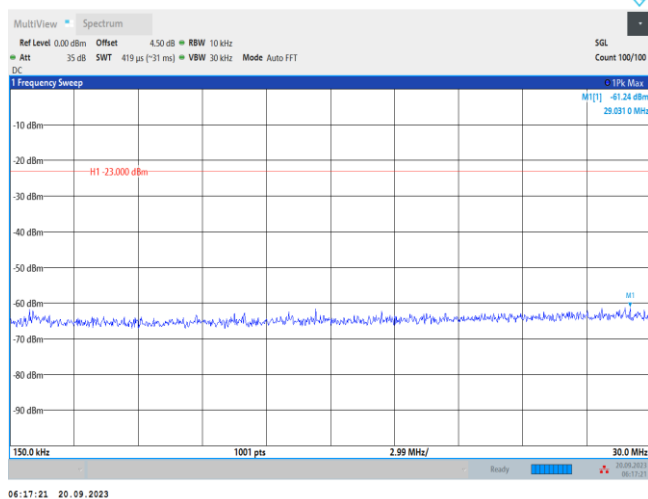
Conducted Spurious Emission

Test Graphs

Band2-20MHz-QPSK-18700-1RB#0-Range1:0.009~0.15MHz

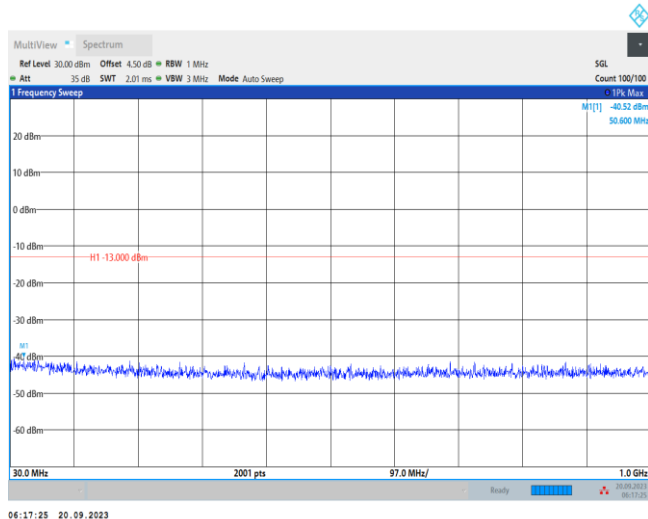


Band2-20MHz-QPSK-18700-1RB#0-Range2:0.15~30MHz

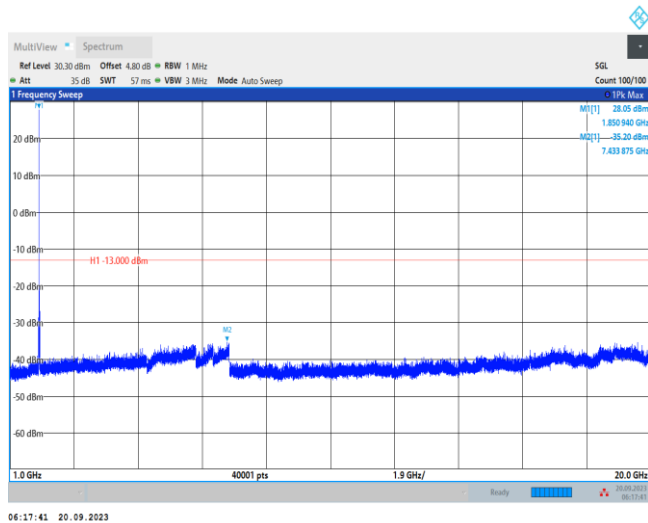


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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range4:1000~20000MHz

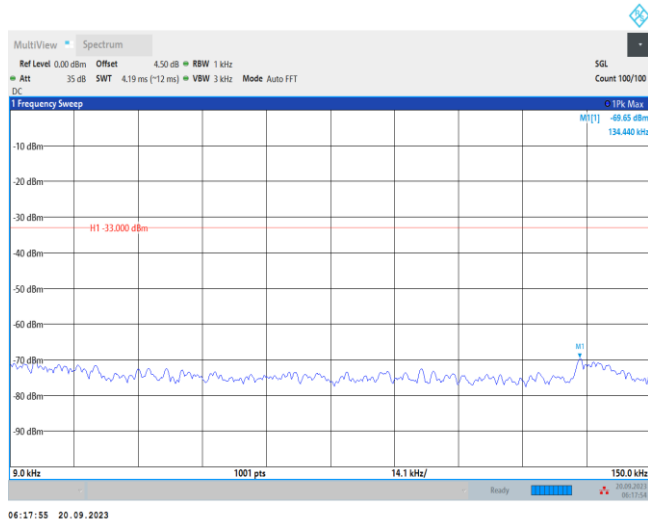


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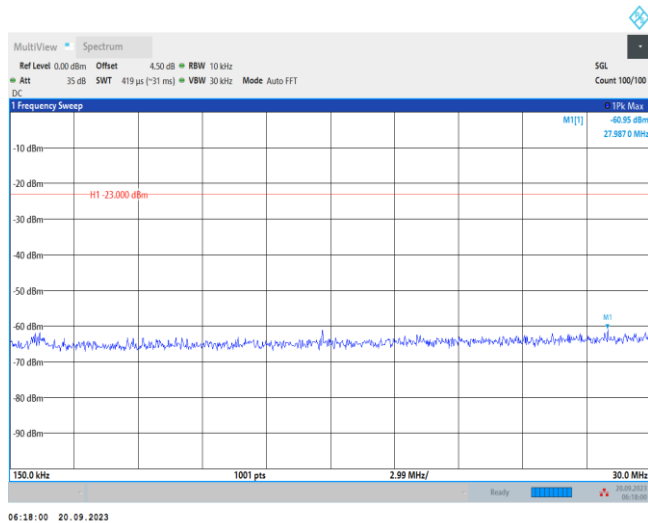
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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-18900-1RB#0-Range2:0.15~30MHz

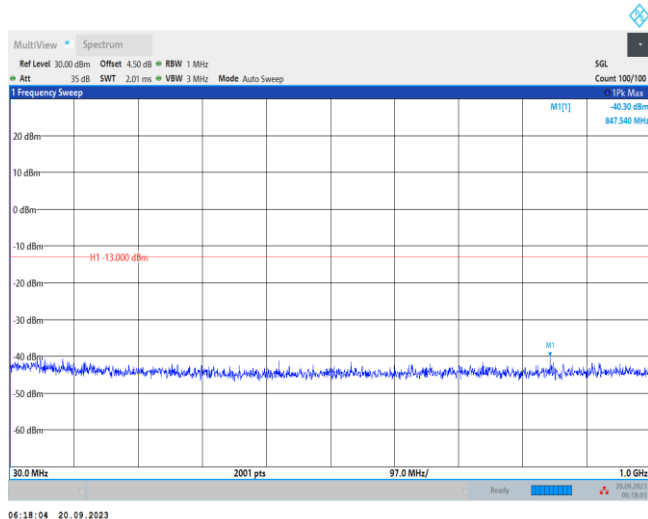


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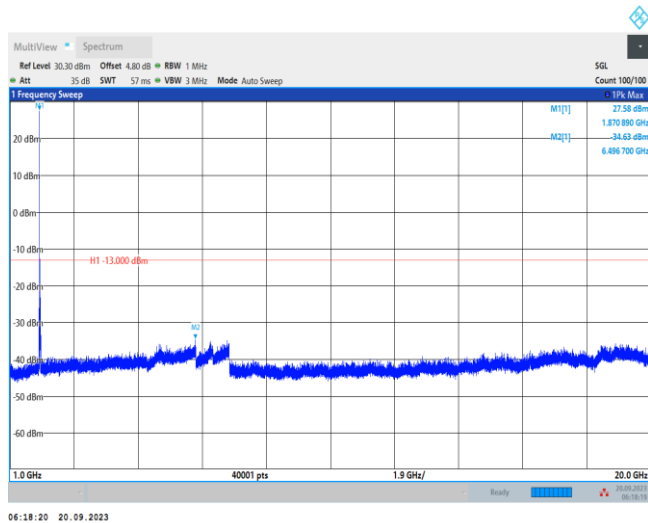
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



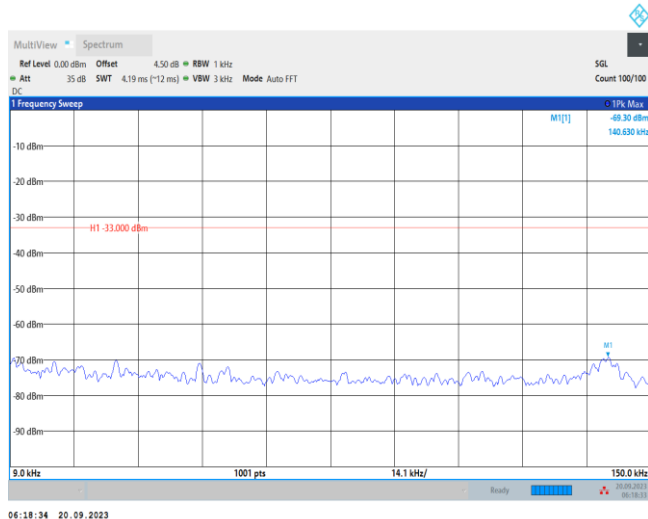
Band2-20MHz-QPSK-18900-1RB#0-Range4:1000~20000MHz



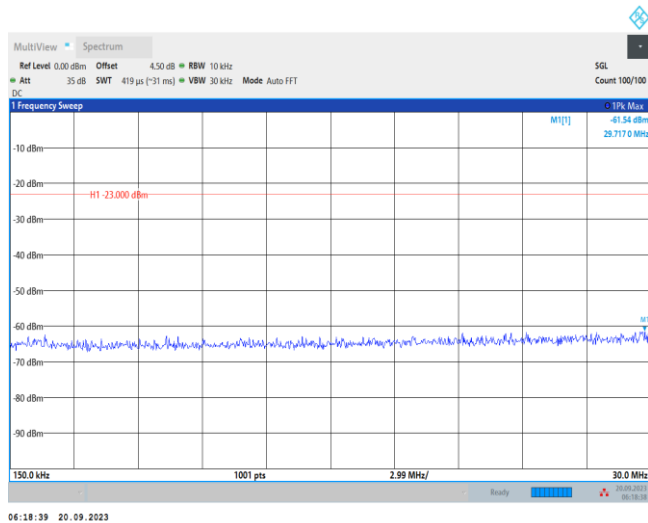
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Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



Band2-20MHz-QPSK-19100-1RB#0-Range2:0.15~30MHz

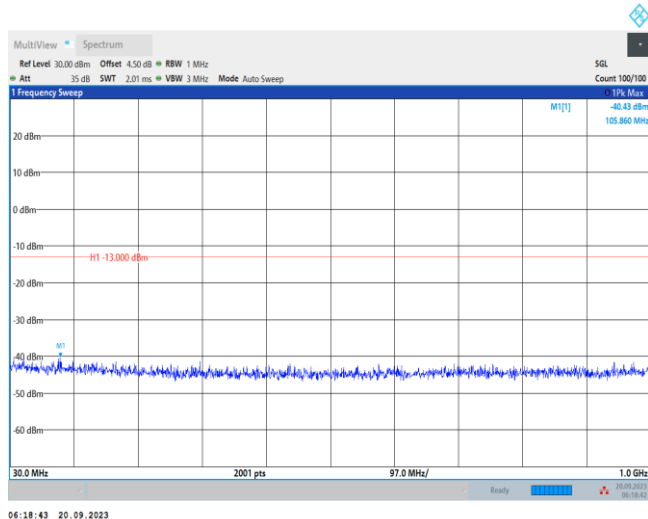


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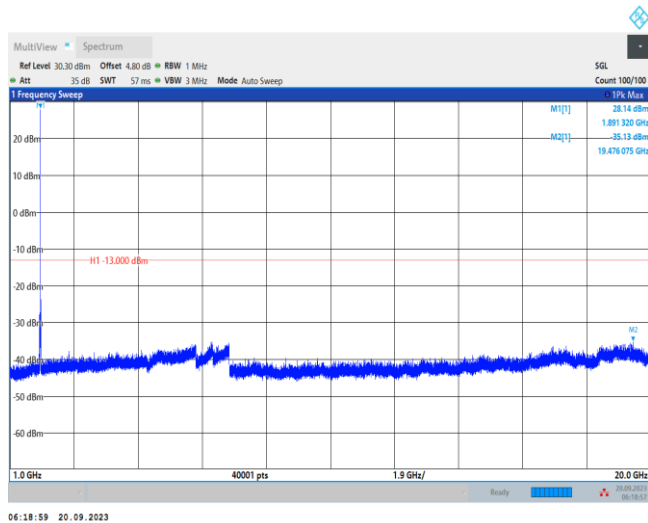
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band2_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	40.04	-45.51	28.80	-71.93	-13.00	58.93	Horizontal
2	5553.2700	39.99	-45.15	32.61	-67.81	-13.00	54.81	Horizontal
3	7404.3600	37.98	-43.40	36.33	-64.34	-13.00	51.34	Horizontal
4	9255.4500	33.72	-40.23	36.79	-64.99	-13.00	51.99	Horizontal
5	11106.5400	29.96	-37.93	38.71	-64.52	-13.00	51.52	Horizontal
6	12957.6300	27.72	-37.24	39.09	-65.69	-13.00	52.69	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.1800	40.21	-45.51	28.80	-71.76	-13.00	58.76	Vertical
2	5553.2700	39.77	-45.15	32.61	-68.03	-13.00	55.03	Vertical
3	7404.3600	37.81	-43.40	36.33	-64.51	-13.00	51.51	Vertical
4	9255.4500	34.22	-40.23	36.79	-64.49	-13.00	51.49	Vertical
5	11106.5400	29.53	-37.93	38.71	-64.95	-13.00	51.95	Vertical
6	12957.6300	27.60	-37.24	39.09	-65.81	-13.00	52.81	Vertical



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Test Band = LTE Band2_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	40.03	-45.68	28.84	-72.07	-13.00	59.07	Horizontal
2	5613.2700	38.90	-45.04	32.62	-68.78	-13.00	55.78	Horizontal
3	7484.3600	36.94	-43.18	36.56	-64.94	-13.00	51.94	Horizontal
4	9355.4500	33.09	-40.00	36.98	-65.20	-13.00	52.20	Horizontal
5	11226.5400	30.86	-37.40	38.72	-63.08	-13.00	50.08	Horizontal
6	13097.6300	26.89	-37.01	39.28	-66.10	-13.00	53.10	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.1800	40.11	-45.68	28.84	-71.99	-13.00	58.99	Vertical
2	5613.2700	39.60	-45.04	32.62	-68.08	-13.00	55.08	Vertical
3	7484.3600	36.93	-43.18	36.56	-64.95	-13.00	51.95	Vertical
4	9355.4500	32.58	-40.00	36.98	-65.71	-13.00	52.71	Vertical
5	11226.5400	30.40	-37.40	38.72	-63.54	-13.00	50.54	Vertical
6	13097.6300	26.68	-37.01	39.28	-66.31	-13.00	53.31	Vertical



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Test Band = LTE Band2_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	39.85	-45.85	28.88	-72.37	-13.00	59.37	Horizontal
2	5673.2700	38.50	-44.91	32.63	-69.03	-13.00	56.03	Horizontal
3	7564.3600	36.62	-43.00	36.63	-65.02	-13.00	52.02	Horizontal
4	9455.4500	33.28	-40.05	37.17	-64.87	-13.00	51.87	Horizontal
5	11346.5400	29.19	-37.40	38.73	-64.73	-13.00	51.73	Horizontal
6	13237.6300	25.62	-37.08	39.53	-67.19	-13.00	54.19	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.1800	40.63	-45.85	28.88	-71.59	-13.00	58.59	Vertical
2	5673.2700	38.99	-44.91	32.63	-68.54	-13.00	55.54	Vertical
3	7564.3600	37.02	-43.00	36.63	-64.62	-13.00	51.62	Vertical
4	9455.4500	33.18	-40.05	37.17	-64.97	-13.00	51.97	Vertical
5	11346.5400	28.88	-37.40	38.73	-65.04	-13.00	52.04	Vertical
6	13237.6300	26.16	-37.08	39.53	-66.65	-13.00	53.65	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 (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	0.70	0.000372	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	1.60	0.000851	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	0.00	0.000000	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	1.50	0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-0.10	-0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	2.30	0.001223	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	2.40	0.001277	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	3.40	0.001809	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	2.70	0.001436	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.30	0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.80	-0.000426	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	3.20	0.001702	PASS

---End of Attachment---



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