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# Appendix B.1

## 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	23.07	24.66	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#2	23.05	24.64	33	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	23.03	24.62	33	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	22.05	23.64	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.95	24.54	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.77	24.36	33	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.68	24.27	33	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.80	23.39	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.98	24.57	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.61	24.20	33	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.56	24.15	33	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.54	23.13	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	22.45	24.04	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	22.51	24.10	33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	22.19	23.78	33	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	21.06	22.65	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	22.19	23.78	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	22.22	23.81	33	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	22.24	23.83	33	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.87	22.46	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	21.74	23.33	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	22.10	23.69	33	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	21.96	23.55	33	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	20.67	22.26	33	PASS
Band2	3MHz	QPSK	18615	1RB#0	23.20	24.79	33	PASS
Band2	3MHz	QPSK	18615	1RB#8	23.10	24.69	33	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.98	24.57	33	PASS



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Band2	3MHz	QPSK	18615	15RB#0	22.08	23.67	33	PASS
Band2	3MHz	QPSK	18900	1RB#0	23.06	24.65	33	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.82	24.41	33	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.95	24.54	33	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.90	23.49	33	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.72	24.31	33	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.69	24.28	33	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.54	24.13	33	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.64	23.23	33	PASS
Band2	3MHz	16QAM	18615	1RB#0	22.43	24.02	33	PASS
Band2	3MHz	16QAM	18615	1RB#8	22.30	23.89	33	PASS
Band2	3MHz	16QAM	18615	1RB#14	22.22	23.81	33	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.10	22.69	33	PASS
Band2	3MHz	16QAM	18900	1RB#0	22.21	23.80	33	PASS
Band2	3MHz	16QAM	18900	1RB#8	22.33	23.92	33	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.97	23.56	33	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.00	22.59	33	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.87	23.46	33	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.99	23.58	33	PASS
Band2	3MHz	16QAM	19185	1RB#14	22.05	23.64	33	PASS
Band2	3MHz	16QAM	19185	15RB#0	20.69	22.28	33	PASS
Band2	5MHz	QPSK	18625	1RB#0	23.09	24.68	33	PASS
Band2	5MHz	QPSK	18625	1RB#12	22.87	24.46	33	PASS
Band2	5MHz	QPSK	18625	1RB#24	23.12	24.71	33	PASS
Band2	5MHz	QPSK	18625	25RB#0	22.14	23.73	33	PASS
Band2	5MHz	QPSK	18900	1RB#0	23.10	24.69	33	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.91	24.50	33	PASS
Band2	5MHz	QPSK	18900	1RB#24	23.02	24.61	33	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.95	23.54	33	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.83	24.42	33	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.51	24.10	33	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.50	24.09	33	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.69	23.28	33	PASS



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Band2	5MHz	16QAM	18625	1RB#0	22.52	24.11	33	PASS
Band2	5MHz	16QAM	18625	1RB#12	22.42	24.01	33	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.46	24.05	33	PASS
Band2	5MHz	16QAM	18625	25RB#0	21.17	22.76	33	PASS
Band2	5MHz	16QAM	18900	1RB#0	22.22	23.81	33	PASS
Band2	5MHz	16QAM	18900	1RB#12	22.40	23.99	33	PASS
Band2	5MHz	16QAM	18900	1RB#24	22.11	23.70	33	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.84	22.43	33	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.99	23.58	33	PASS
Band2	5MHz	16QAM	19175	1RB#12	22.02	23.61	33	PASS
Band2	5MHz	16QAM	19175	1RB#24	22.10	23.69	33	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.82	22.41	33	PASS
Band2	10MHz	QPSK	18650	1RB#0	23.18	24.77	33	PASS
Band2	10MHz	QPSK	18650	1RB#24	23.09	24.68	33	PASS
Band2	10MHz	QPSK	18650	1RB#49	23.21	24.80	33	PASS
Band2	10MHz	QPSK	18650	50RB#0	22.16	23.75	33	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.98	24.57	33	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.83	24.42	33	PASS
Band2	10MHz	QPSK	18900	1RB#49	23.05	24.64	33	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.94	23.53	33	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.74	24.33	33	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.64	24.23	33	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.80	24.39	33	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.77	23.36	33	PASS
Band2	10MHz	16QAM	18650	1RB#0	22.57	24.16	33	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.54	24.13	33	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.44	24.03	33	PASS
Band2	10MHz	16QAM	18650	50RB#0	21.15	22.74	33	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.37	23.96	33	PASS
Band2	10MHz	16QAM	18900	1RB#24	22.20	23.79	33	PASS
Band2	10MHz	16QAM	18900	1RB#49	22.28	23.87	33	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.85	22.44	33	PASS
Band2	10MHz	16QAM	19150	1RB#0	22.23	23.82	33	PASS



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Band2	10MHz	16QAM	19150	1RB#24	22.11	23.70	33	PASS
Band2	10MHz	16QAM	19150	1RB#49	22.21	23.80	33	PASS
Band2	10MHz	16QAM	19150	50RB#0	20.68	22.27	33	PASS
Band2	15MHz	QPSK	18675	1RB#0	23.18	24.77	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.65	24.24	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	23.20	24.79	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.80	23.39	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	23.12	24.71	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.87	24.46	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	23.21	24.80	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	22.01	23.60	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	23.10	24.69	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.77	24.36	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.99	24.58	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.89	23.48	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	22.37	23.96	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.11	23.70	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.40	23.99	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	21.02	22.61	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	22.45	24.04	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	22.28	23.87	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.48	24.07	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	21.00	22.59	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.45	24.04	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	22.28	23.87	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	22.24	23.83	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.94	22.53	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.95	24.54	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.95	24.54	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.69	24.28	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	22.00	23.59	33	PASS
Band2	20MHz	QPSK	18900	1RB#0	23.12	24.71	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.91	24.50	33	PASS



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Band2	20MHz	QPSK	18900	100RB#0	22.03	23.62	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	23.24	24.83	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.81	24.40	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.50	24.09	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	22.00	23.59	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.51	24.10	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	22.28	23.87	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	22.34	23.93	33	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.84	22.43	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	22.52	24.11	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	22.12	23.71	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	22.12	23.71	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.88	22.47	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	22.51	24.10	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	22.10	23.69	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.94	23.53	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.78	22.37	33	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	6.08	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	6.00	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.92	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.86	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.80	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.72	13	PASS



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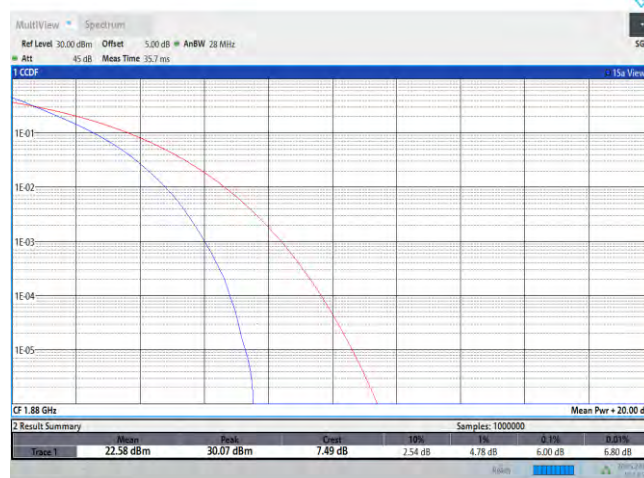
Test Graphs

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



16:14:05 20.05.2022

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



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



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



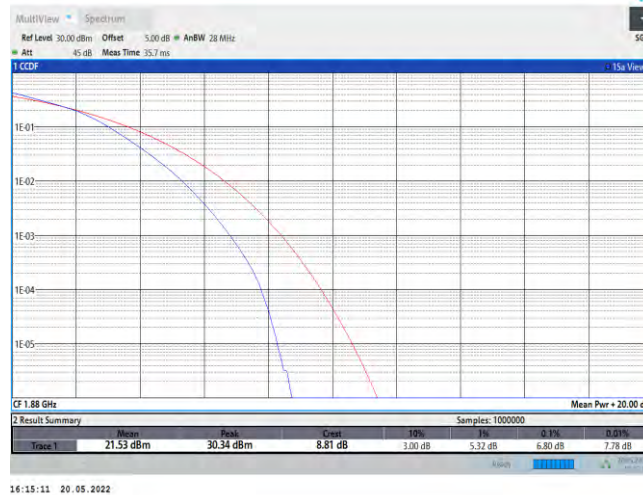
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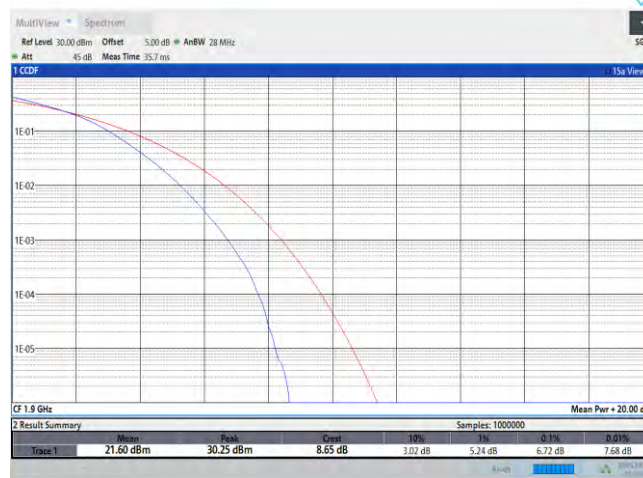
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Band2-20MHz-16QAM-18900-100RB#0



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Report No.: SEWA2205000012RG01

Rev.: 01

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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band2	20MHz	QPSK	18900	100RB#0	PASS	PASS
Band2	20MHz	16QAM	18900	100RB#0	PASS	PASS



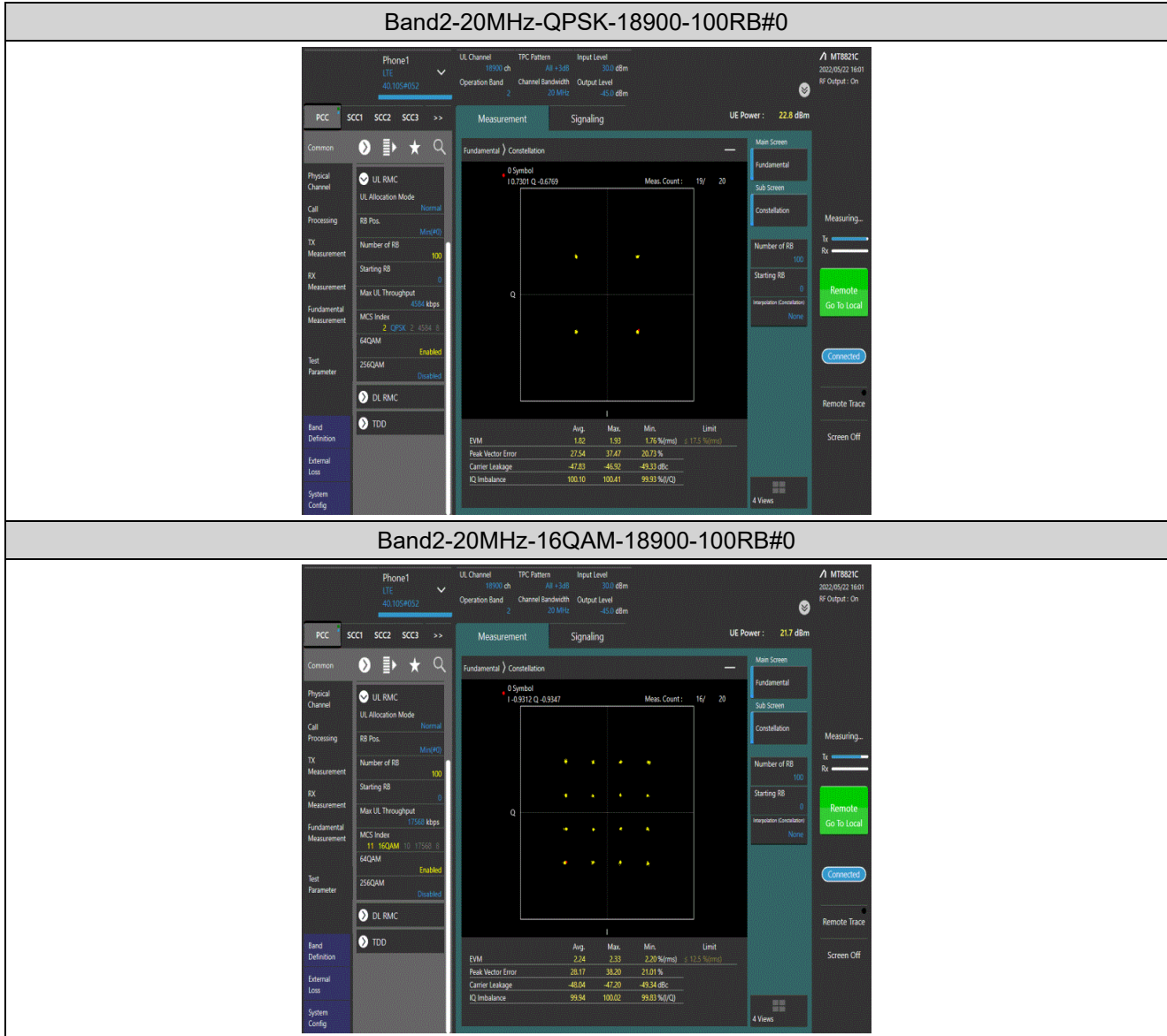
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Test Graphs



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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	18607	6RB#0	1.089	1.28	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.089	1.29	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.089	1.29	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.097	1.31	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.098	1.31	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.098	1.31	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.69	2.96	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.699	2.96	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.693	2.99	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.69	2.97	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.693	2.98	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.689	2.96	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.467	4.91	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.472	4.93	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.467	4.92	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.465	4.95	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.464	4.95	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.463	4.96	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.914	9.64	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.934	9.64	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.921	9.70	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.899	9.62	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.904	9.66	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.903	9.60	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.46	14.76	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.453	14.73	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.438	14.70	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.441	14.85	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.429	14.70	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.405	14.70	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.923	19.44	PASS



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Band2	20MHz	QPSK	18900	100RB#0	17.881	19.48	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.869	19.32	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.895	19.44	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.852	19.32	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.884	19.36	PASS



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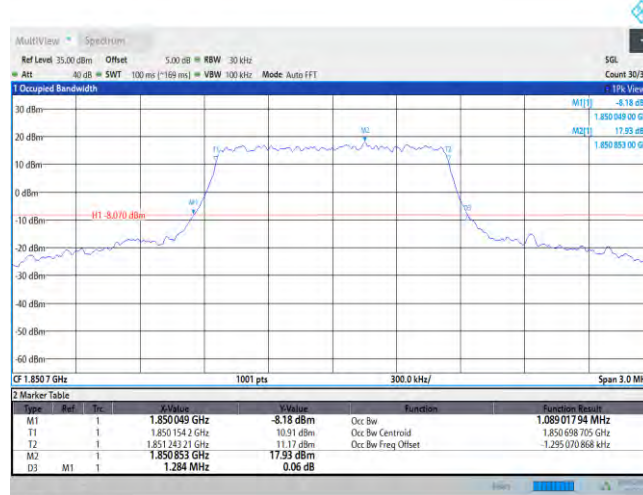
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Band2-1.4MHz-QPSK-18607-6RB#0



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



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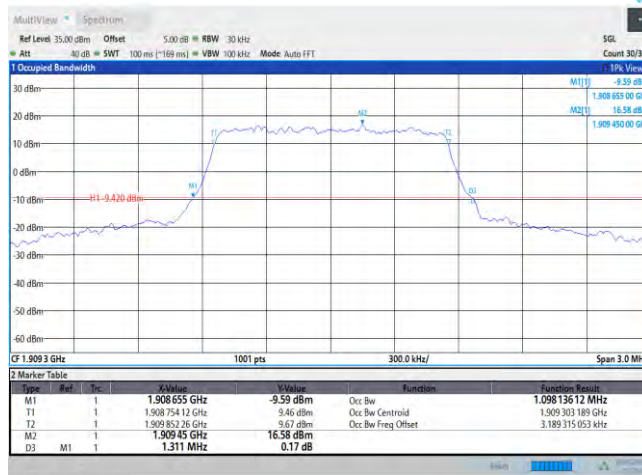


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Band2-1.4MHz-16QAM-19193-6RB#0



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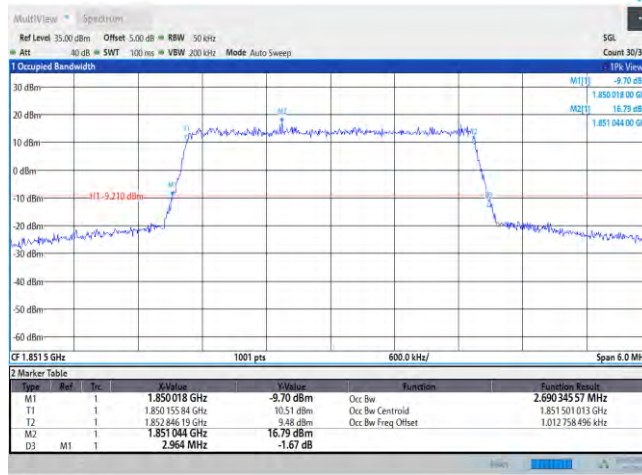


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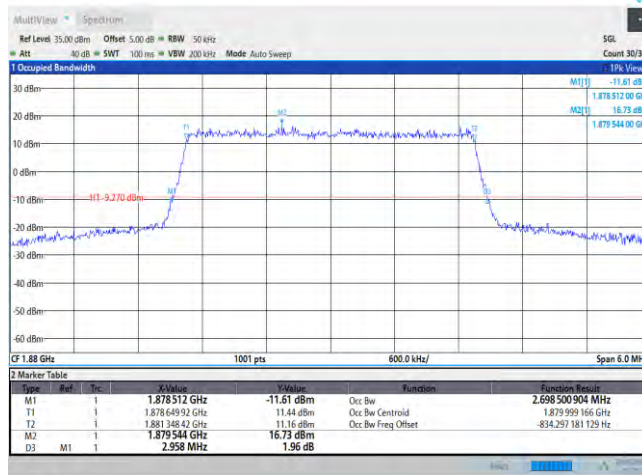
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Band2-3MHz-QPSK-18615-15RB#0



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



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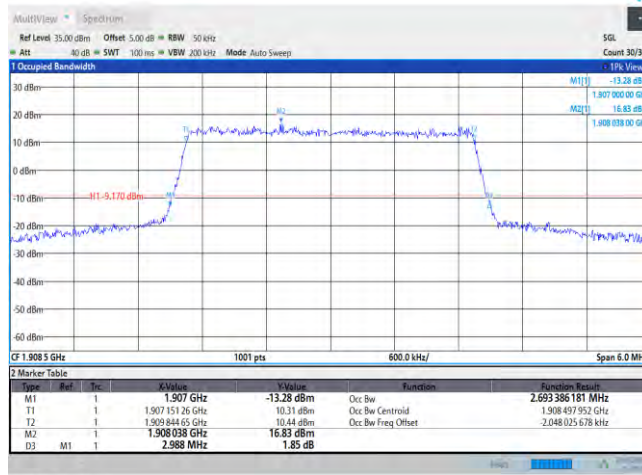


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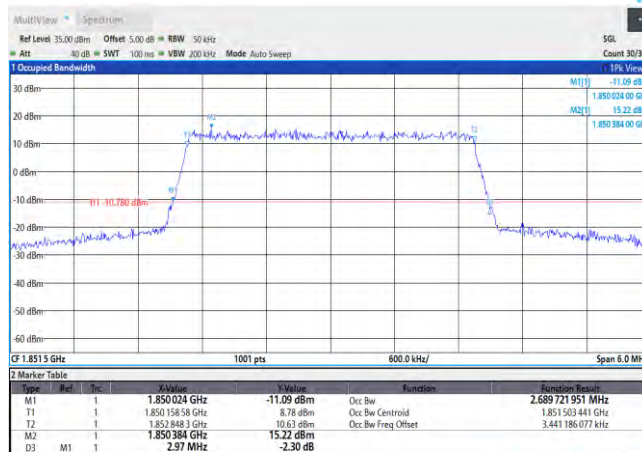
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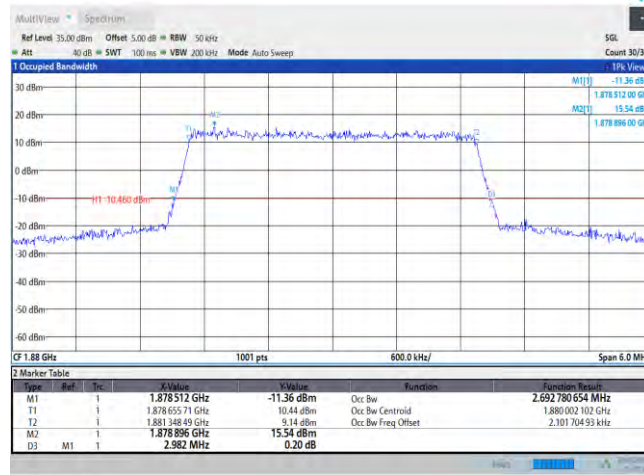
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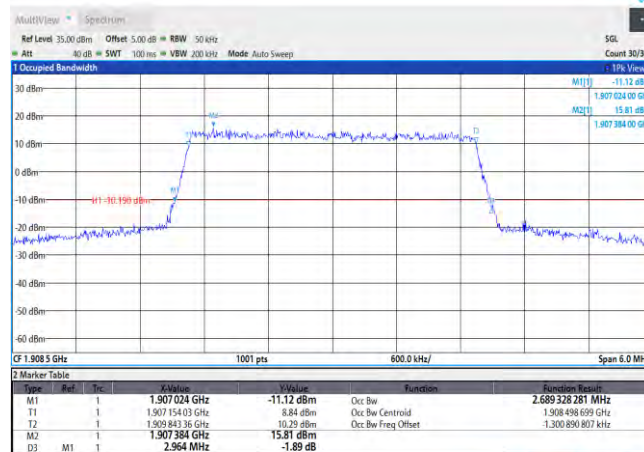
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Band2-3MHz-16QAM-18900-15RB#0



15:40:14 20.05.2022

Band2-3MHz-16QAM-19185-15RB#0



15:41:09 20.05.2022



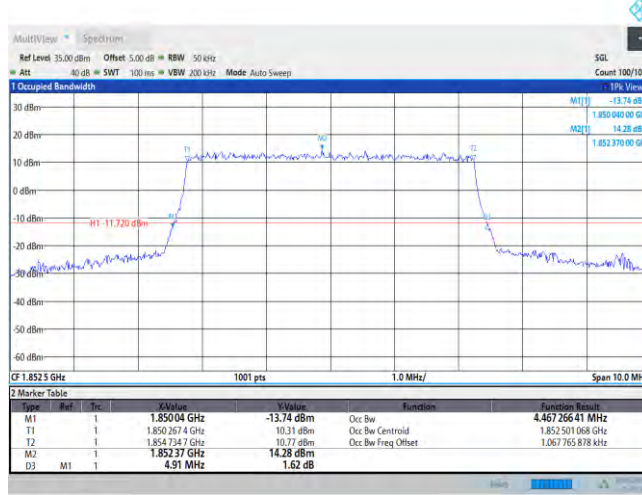
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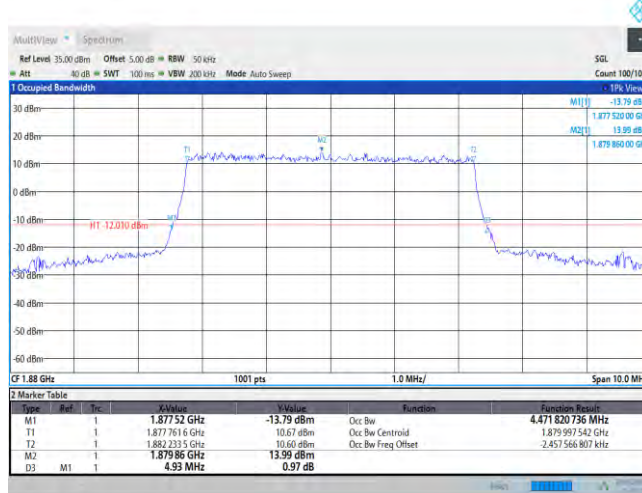
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• Band2-5MHz-QPSK-18625-25RB#0



15:42:13 20.05.2022

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



15:43:29 20.05.2022

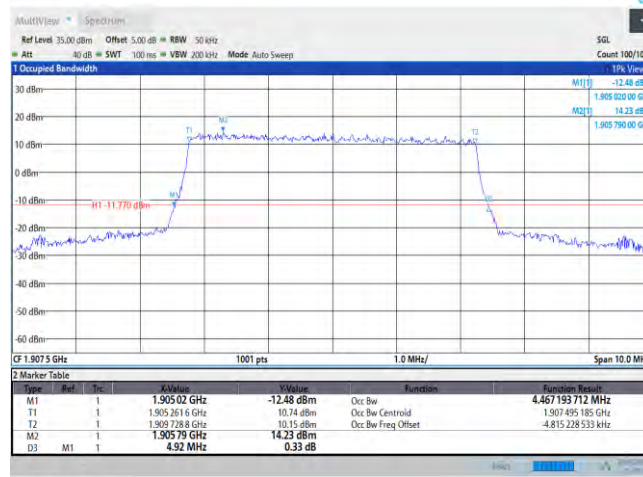


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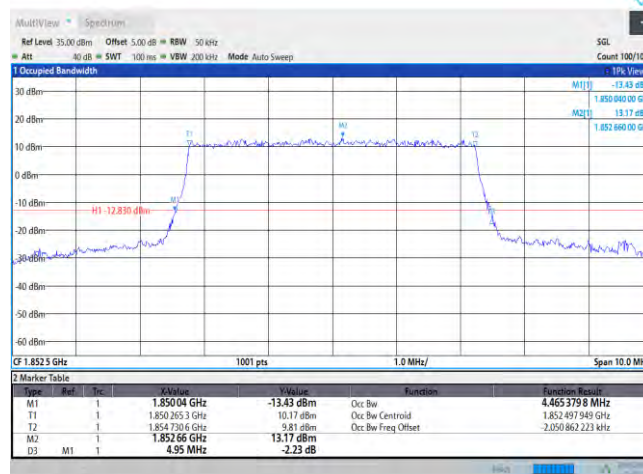
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Band2-5MHz-QPSK-19175-25RB#0



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Band2-5MHz-16QAM-18625-25RB#0



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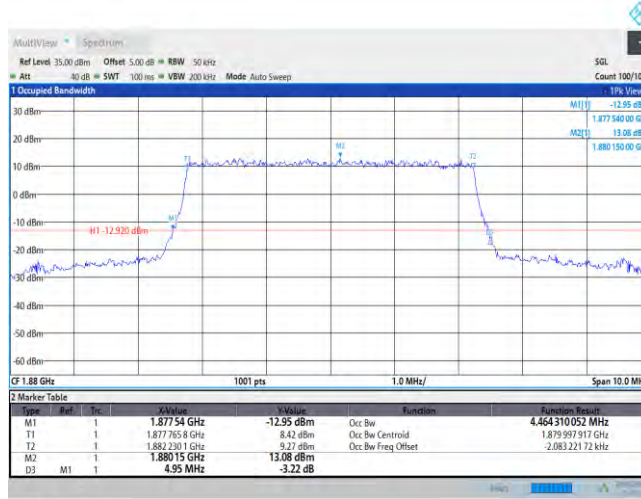


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Band2-5MHz-16QAM-18900-25RB#0



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Band2-5MHz-16QAM-19175-25RB#0



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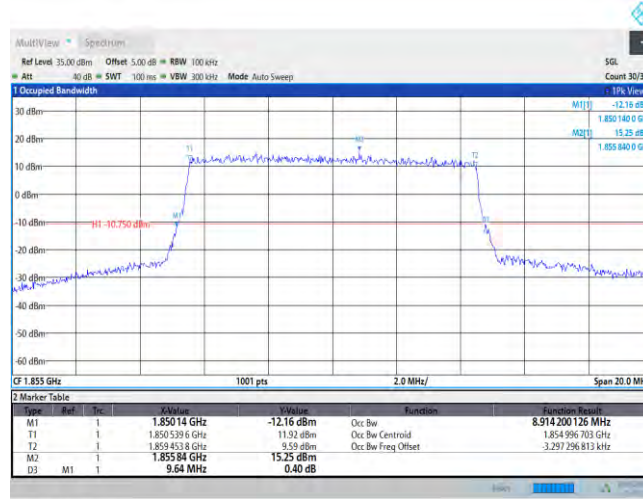


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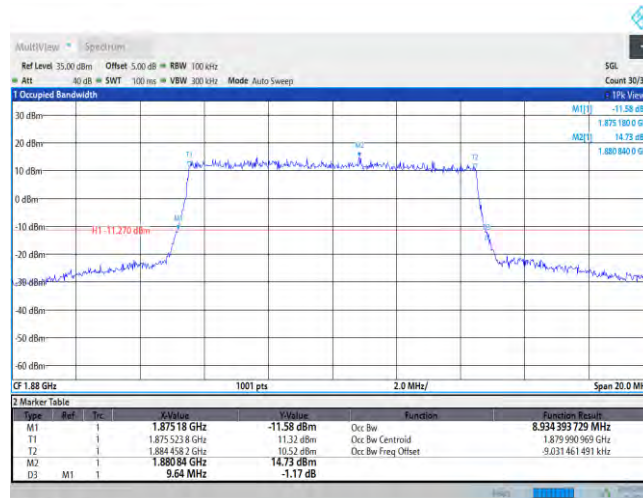
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Band2-10MHz-QPSK-18650-50RB#0



15:46:15 20.05.2022

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



15:47:10 20.05.2022



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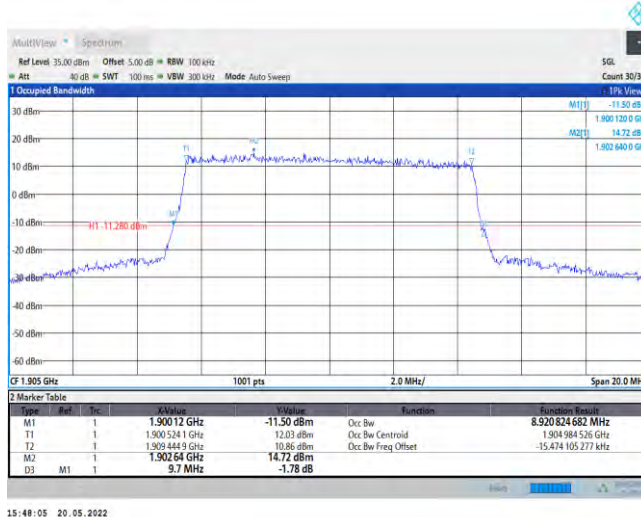
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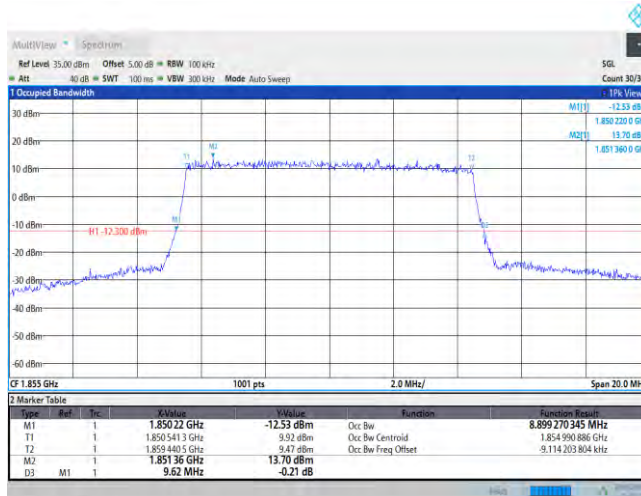


Band2-10MHz-QPSK-19150-50RB#0



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Band2-10MHz-16QAM-18650-50RB#0



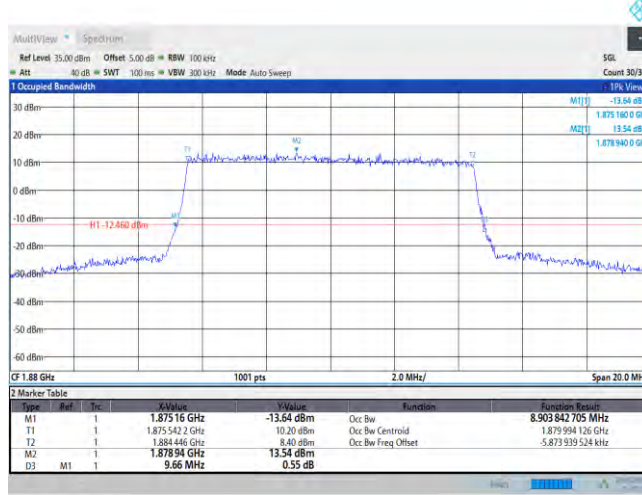
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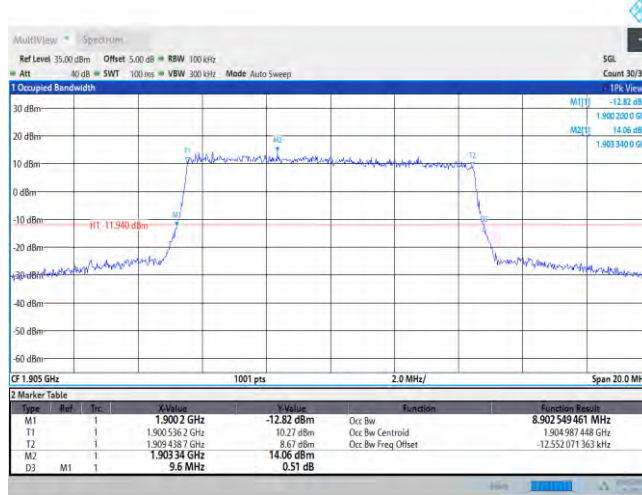
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Band2-10MHz-16QAM-18900-50RB#0



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Band2-10MHz-16QAM-19150-50RB#0



15:48:23 20.05.2022



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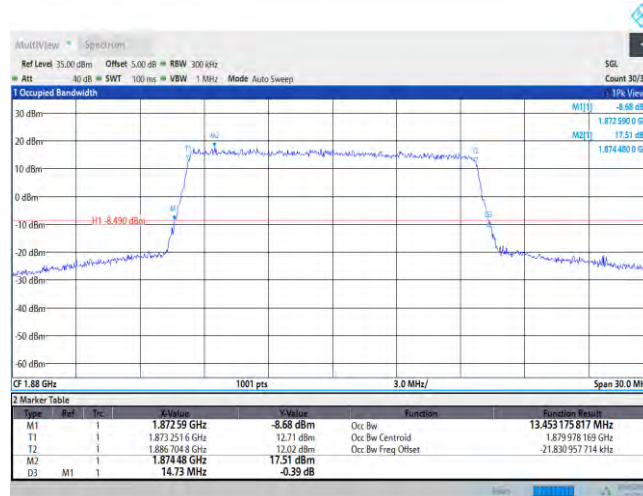
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Band2-15MHz-QPSK-18675-75RB#0



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



15:50:15 20.05.2022



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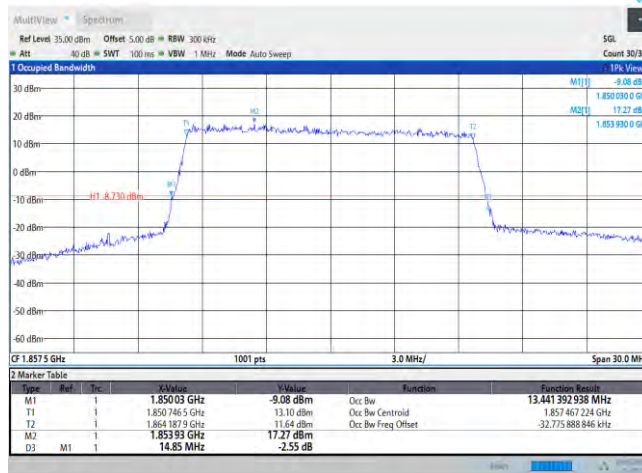
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Band2-15MHz-QPSK-19125-75RB#0



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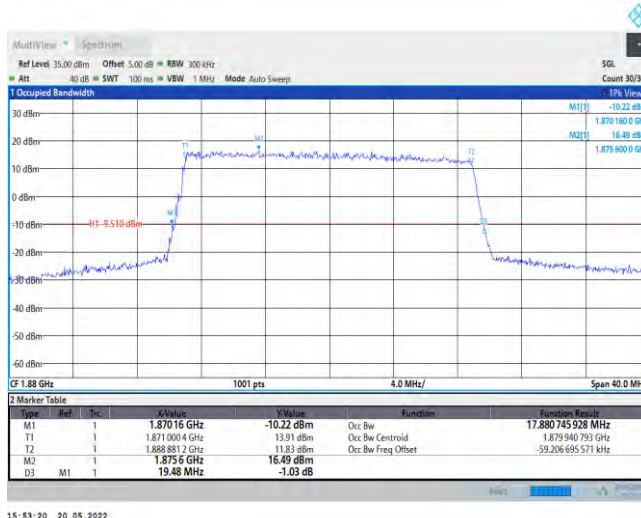


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Band2-20MHz-QPSK-18700-100RB#0



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

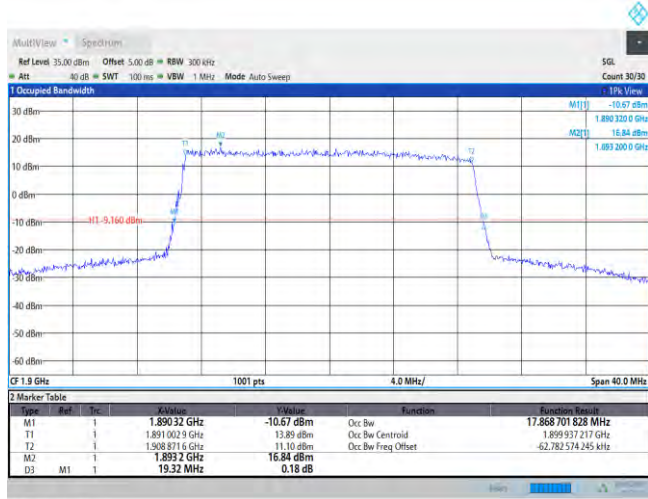


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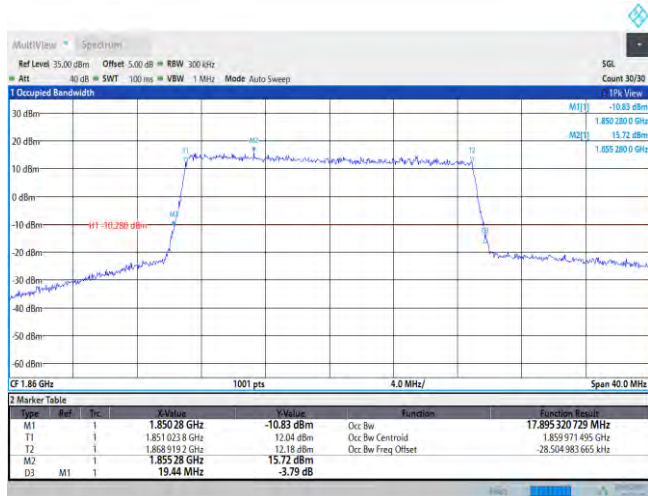
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Band2-20MHz-QPSK-19100-100RB#0



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



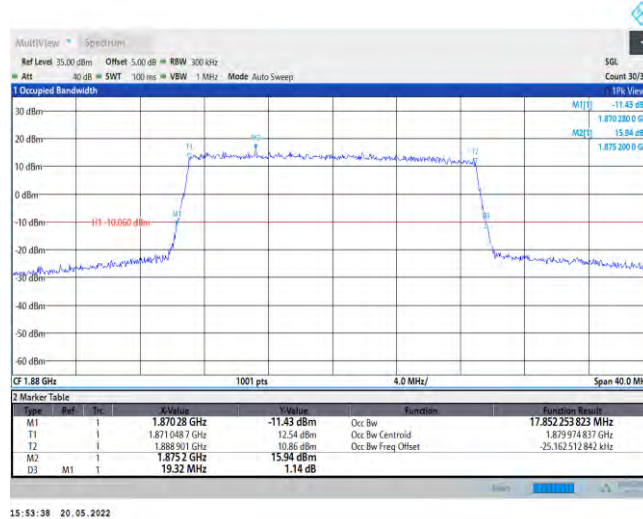
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Band2-20MHz-16QAM-18900-100RB#0



15:53:38 20.05.2022

Band2-20MHz-16QAM-19100-100RB#0



15:54:33 20.05.2022



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## Band Edge

## Test Graphs

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



15:55:56 20.05.2022

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



15:56:34 20.05.2022



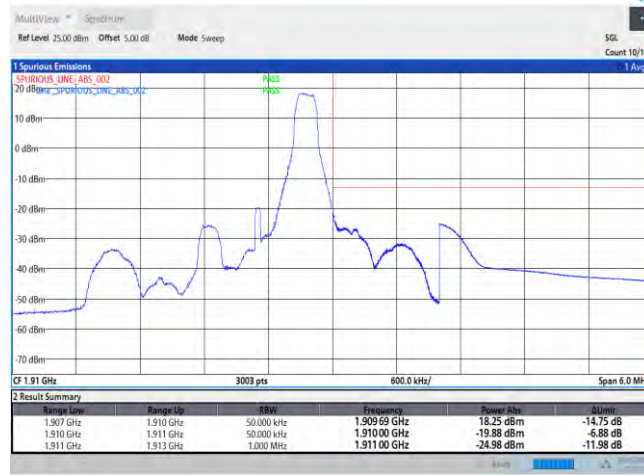
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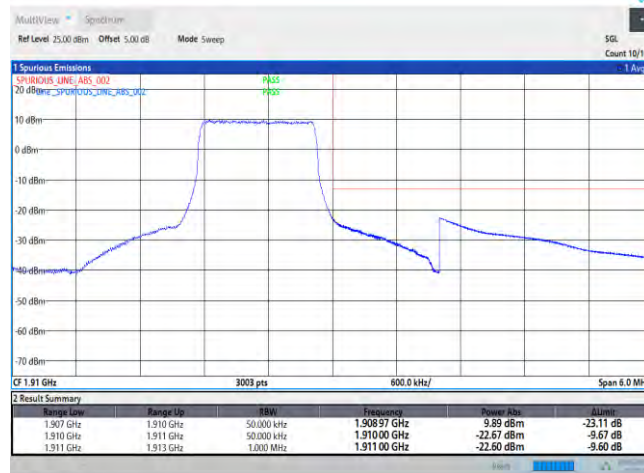
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Band2-1.4MHz-QPSK-19193-1RB#5



15:57:40 20.05.2022

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



15:58:18 20.05.2022



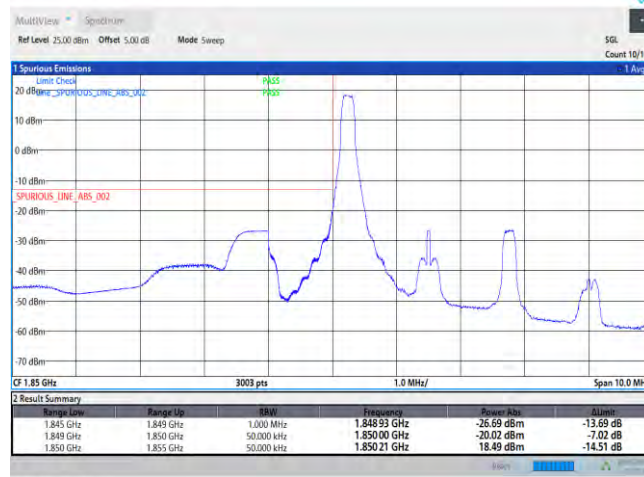
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Band2-3MHz-QPSK-18615-1RB#0



15:59:24 20.05.2022

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



14:00:02 20.05.2022

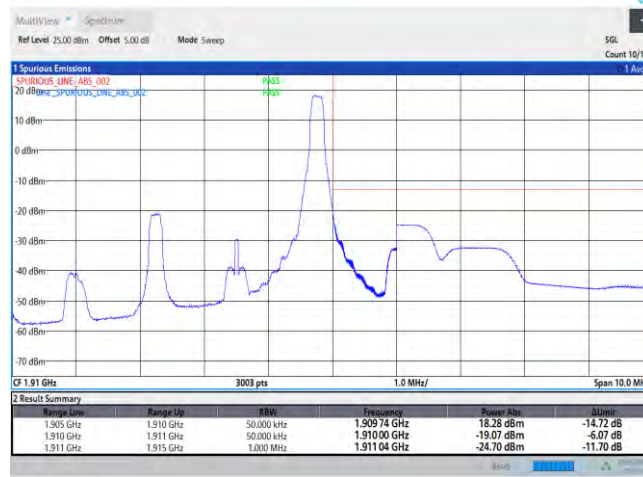


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Band2-3MHz-QPSK-19185-1RB#14



16:01:06 20.05.2022

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



16:01:44 20.05.2022



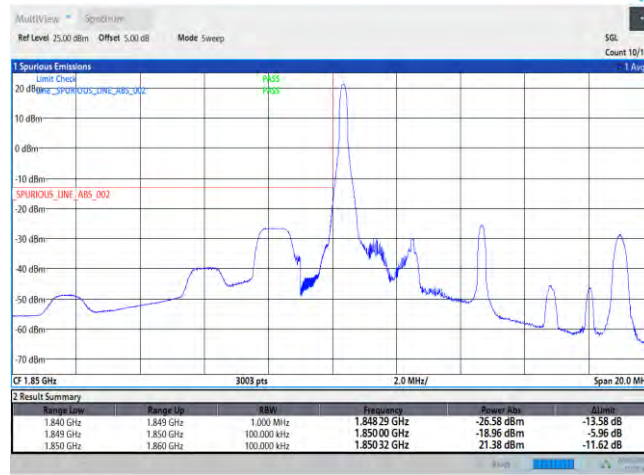
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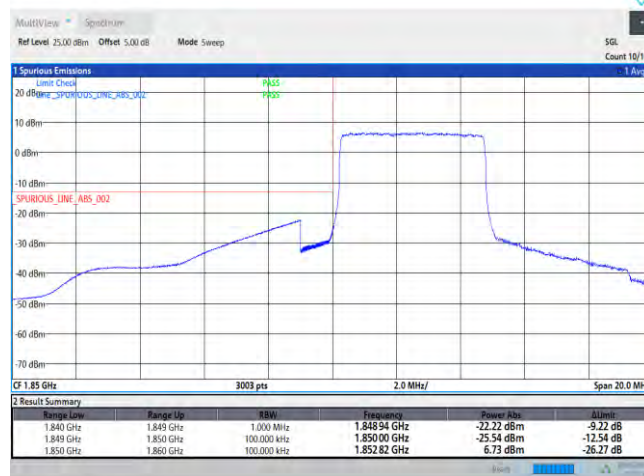
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Band2-5MHz-QPSK-18625-1RB#0



16:02:44 20.05.2022

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



16:03:13 20.05.2022

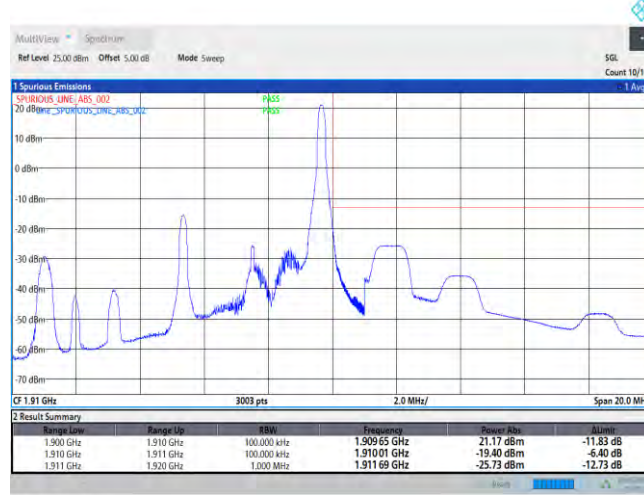


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Band2-5MHz-QPSK-19175-1RB#24



16:04:12 20.05.2022

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



16:04:41 20.05.2022

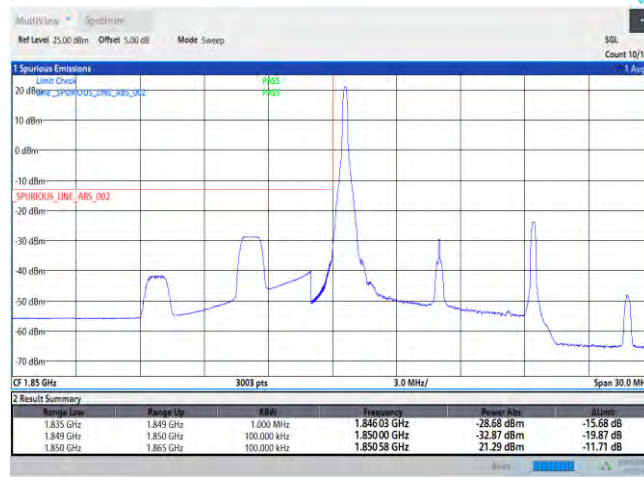


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Band2-10MHz-QPSK-18650-1RB#0



16:05:41 20.05.2022

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



16:06:10 20.05.2022



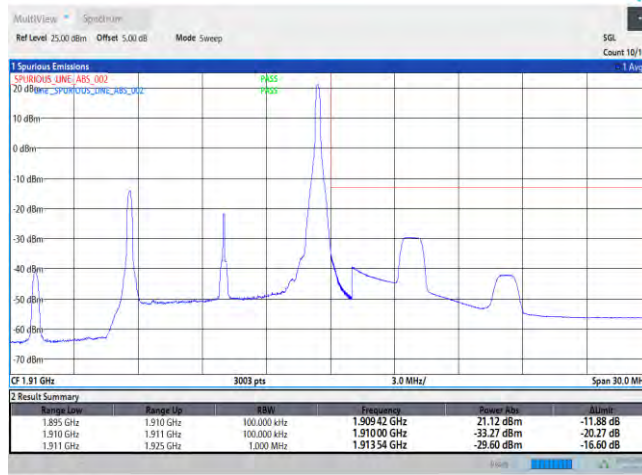
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Band2-10MHz-QPSK-19150-1RB#49



16:07:10 20.05.2022

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



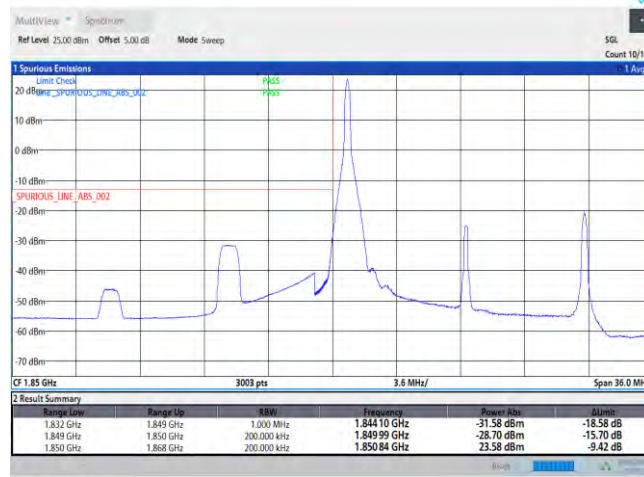
16:07:39 20.05.2022



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



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



16:09:07 20.05.2022



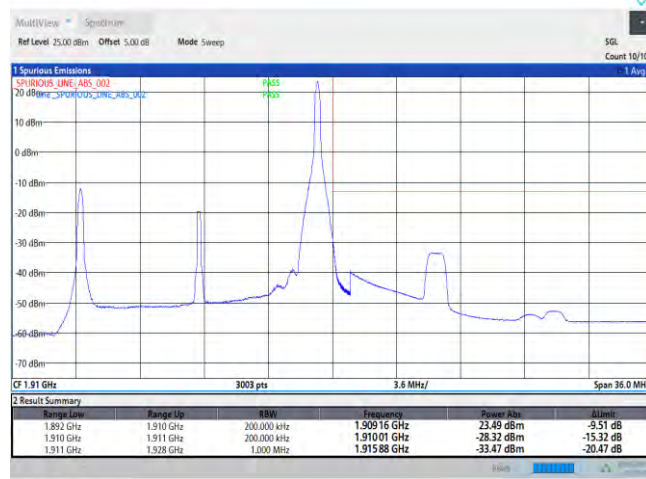
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Band2-15MHz-QPSK-19125-1RB#74



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Band2-15MHz-QPSK-19125-75RB#0



16:10:36 20.05.2022



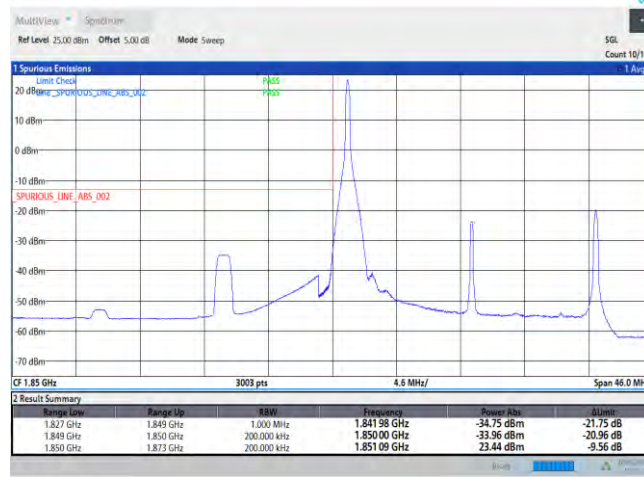
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Band2-20MHz-QPSK-18700-1RB#0



16:11:35 20.05.2022

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



16:12:05 20.05.2022



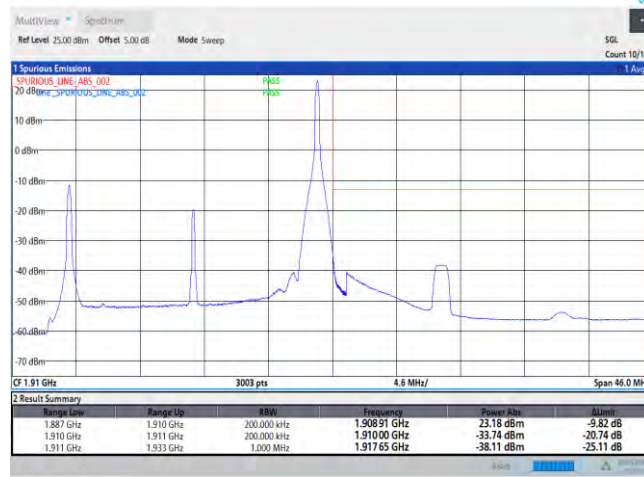
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中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



16:13:04 20.05.2022

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



16:13:33 20.05.2022



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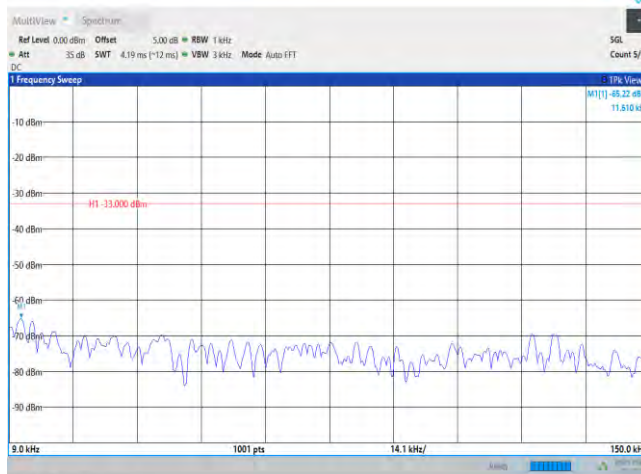
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## Conducted Spurious Emission

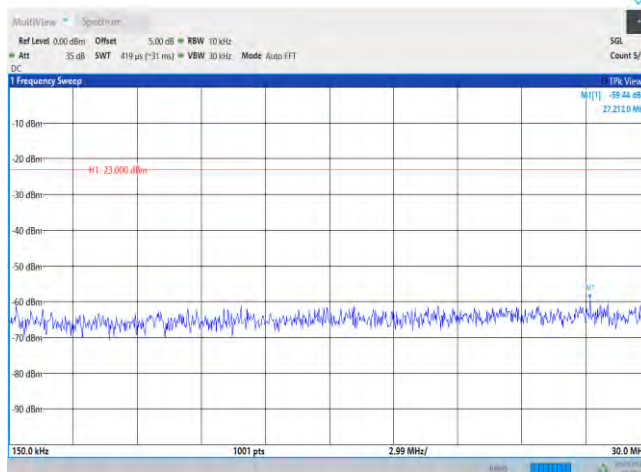
### Test Graphs

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



19:27:30 20.05.2022

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



19:27:38 20.05.2022

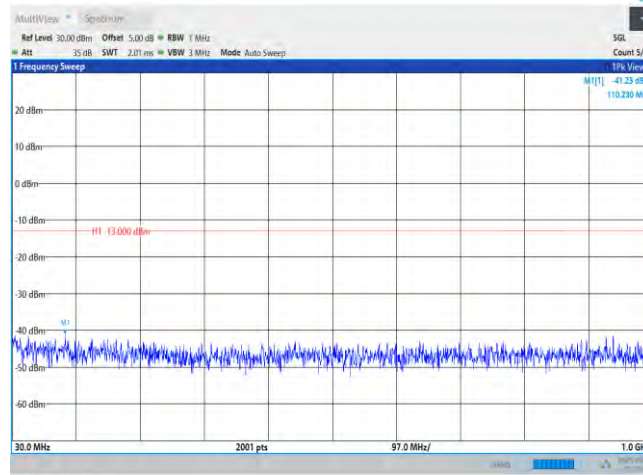


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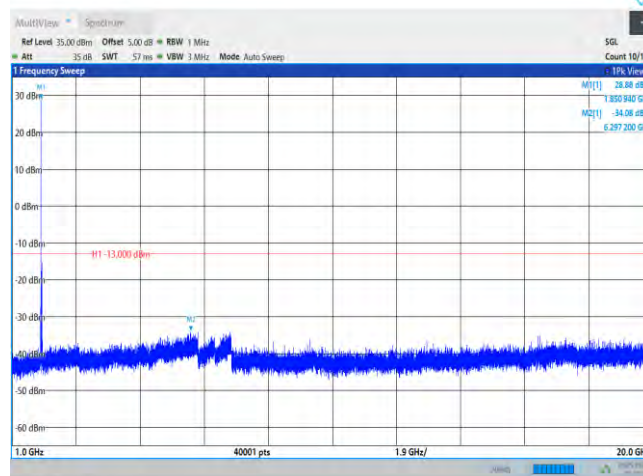
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Band2-20MHz-QPSK-18700-1RB#0-Range3:30~1000MHz



19:27:46 20.05.2022

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

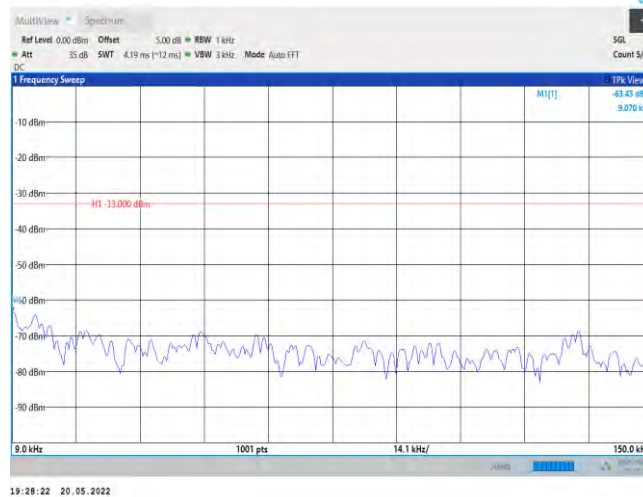


19:27:55 20.05.2022

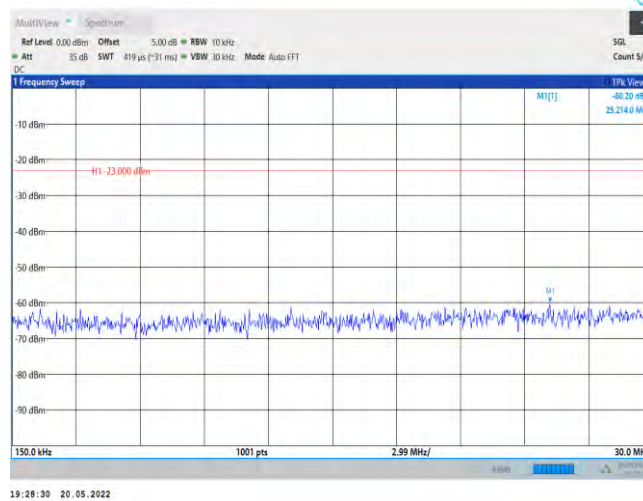


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Band2-20MHz-QPSK-18900-1RB#0-Range1:0.009~0.15MHz



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

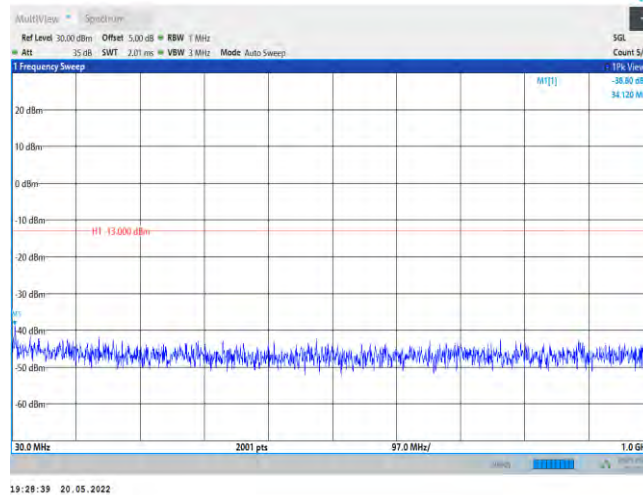


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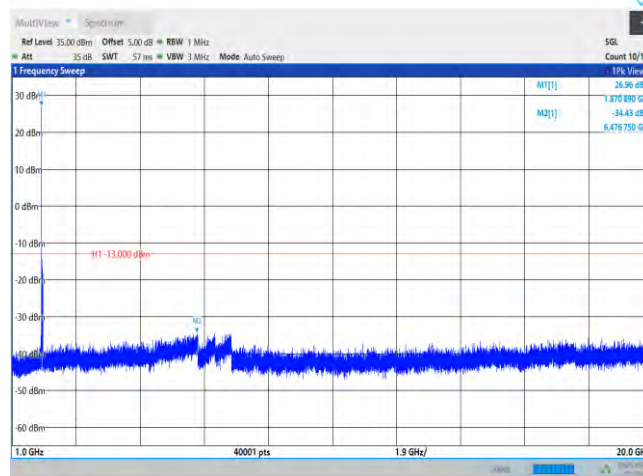
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Band2-20MHz-QPSK-18900-1RB#0-Range3:30~1000MHz



19:28:39 20.05.2022

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



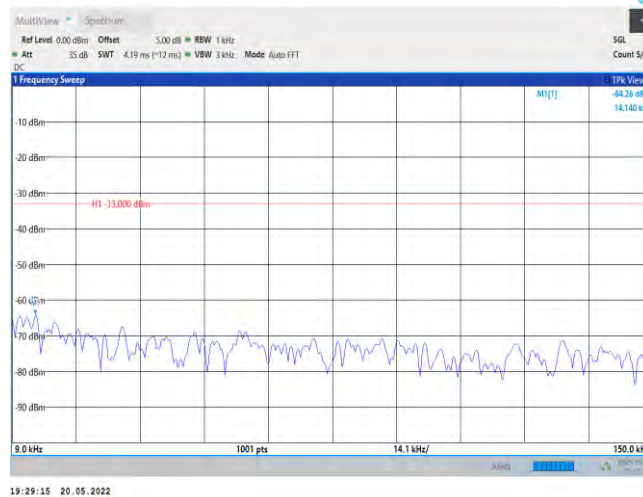
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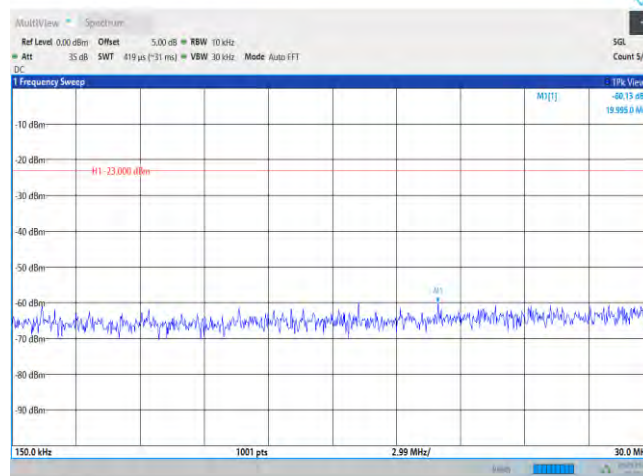


Band2-20MHz-QPSK-19100-1RB#0-Range1:0.009~0.15MHz



19:29:15 20.05.2022

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

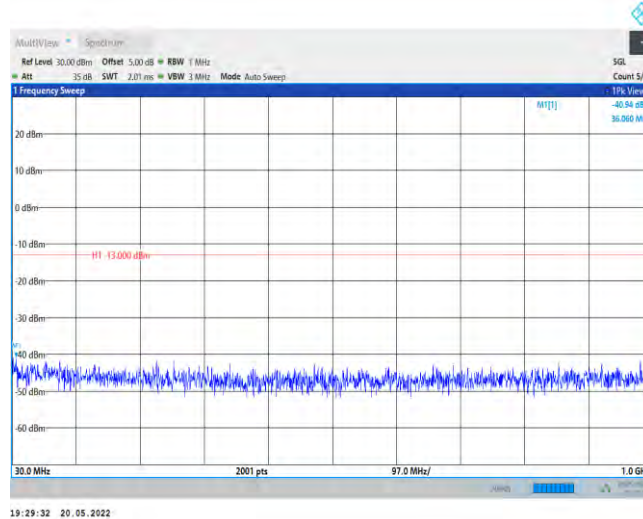


19:29:23 20.05.2022



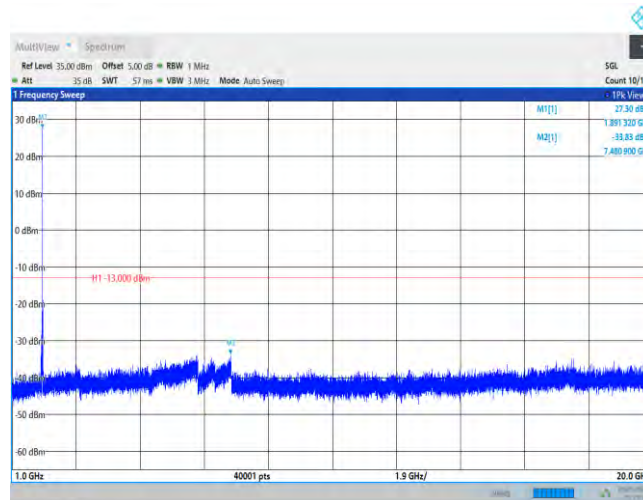
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Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



19:29:32 20.05.2022

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



19:29:41 20.05.2022



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## Field Strength of Spurious Radiation

Test Band = LTE Band 2\_ TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	55.27	-110.79	-55.52	-13.00	42.52	224	198	Horizontal
2	5553.2700	48.58	-107.44	-58.86	-13.00	45.86	236	144	Horizontal
3	7404.3600	47.13	-102.17	-55.04	-13.00	42.04	142	17	Horizontal
4	9255.4500	43.60	-97.11	-53.51	-13.00	40.51	195	198	Horizontal
5	11106.5400	39.59	-94.10	-54.51	-13.00	41.51	155	122	Horizontal
6	12957.6300	38.52	-92.71	-54.19	-13.00	41.19	145	17	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	51.32	-110.79	-59.47	-13.00	46.47	235	187	Vertical
2	5553.2700	48.82	-107.44	-58.62	-13.00	45.62	250	251	Vertical
3	7404.3600	47.49	-102.17	-54.68	-13.00	41.68	194	241	Vertical
4	9255.4500	43.86	-97.11	-53.25	-13.00	40.25	172	3	Vertical
5	11106.5400	39.45	-94.10	-54.65	-13.00	41.65	211	230	Vertical
6	12957.6300	39.17	-92.71	-53.54	-13.00	40.54	199	187	Vertical



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**Test Band = LTE Band 2\_ TM1**

**Test Channel = Mid**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	56.04	-110.82	-54.78	-13.00	41.78	215	198	Horizontal
2	5613.2700	48.62	-107.23	-58.61	-13.00	45.61	235	271	Horizontal
3	7484.3600	47.34	-101.99	-54.65	-13.00	41.65	164	336	Horizontal
4	9355.4500	43.12	-96.81	-53.69	-13.00	40.69	194	315	Horizontal
5	11226.5400	40.78	-93.55	-52.77	-13.00	39.77	172	78	Horizontal
6	13097.6300	37.02	-92.39	-55.37	-13.00	42.37	201	12	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	53.52	-110.82	-57.30	-13.00	44.30	175	1	Vertical
2	5613.2700	49.36	-107.23	-57.87	-13.00	44.87	199	357	Vertical
3	7484.3600	47.25	-101.99	-54.74	-13.00	41.74	256	316	Vertical
4	9355.4500	44.26	-96.81	-52.55	-13.00	39.55	201	8	Vertical
5	11226.5400	40.11	-93.55	-53.44	-13.00	40.44	142	199	Vertical
6	13097.6300	36.99	-92.39	-55.40	-13.00	42.40	177	58	Vertical



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**Test Band = LTE Band 2\_ TM1**

**Test Channel = High**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	52.47	-110.84	-58.37	-13.00	45.37	289	54	Horizontal
2	5673.2700	47.86	-106.88	-59.02	-13.00	46.02	191	14	Horizontal
3	7564.3600	46.81	-101.86	-55.05	-13.00	42.05	178	130	Horizontal
4	9455.4500	42.41	-96.84	-54.43	-13.00	41.43	194	260	Horizontal
5	11346.5400	39.68	-93.55	-53.87	-13.00	40.87	235	292	Horizontal
6	13237.6300	36.28	-92.37	-56.09	-13.00	43.09	164	238	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	53.14	-110.84	-57.70	-13.00	44.70	175	25	Vertical
2	5673.2700	48.66	-106.88	-58.22	-13.00	45.22	241	26	Vertical
3	7564.3600	46.14	-101.86	-55.72	-13.00	42.72	156	141	Vertical
4	9455.4500	43.92	-96.84	-52.92	-13.00	39.92	194	144	Vertical
5	11346.5400	38.76	-93.55	-54.79	-13.00	41.79	123	197	Vertical
6	13237.6300	36.78	-92.37	-55.59	-13.00	42.59	180	228	Vertical



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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	2.80	0.001489	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	4.80	0.002553	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	3.40	0.001809	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	1.30	0.000691	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	0.30	0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	2.50	0.001330	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	0.20	0.000106	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	0.50	0.000266	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	2.90	0.001543	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.10	0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-0.40	-0.000213	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	0.90	0.000479	PASS

The End



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