

Report No.: SEWM2312000500RG01

Rev.: 01

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Appendix B.18

LTE Band 43(3600-3700)



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/10MHz)	EIRP (dBm/10MHz)	EIRP (dBm/10MHz)	Verdict
Band43	5MHz	QPSK	43615	1RB#0	23.12	19.01	23.00	PASS
Band43	5MHz	QPSK	43615	1RB#12	23.16	19.05	23.00	PASS
Band43	5MHz	QPSK	43615	1RB#24	23.20	19.09	23.00	PASS
Band43	5MHz	QPSK	43615	25RB#0	22.24	18.13	23.00	PASS
Band43	5MHz	QPSK	44090	1RB#0	23.14	19.03	23.00	PASS
Band43	5MHz	QPSK	44090	1RB#12	23.14	19.03	23.00	PASS
Band43	5MHz	QPSK	44090	1RB#24	23.17	19.06	23.00	PASS
Band43	5MHz	QPSK	44090	25RB#0	22.23	18.12	23.00	PASS
Band43	5MHz	QPSK	44565	1RB#0	23.16	19.05	23.00	PASS
Band43	5MHz	QPSK	44565	1RB#12	23.17	19.06	23.00	PASS
Band43	5MHz	QPSK	44565	1RB#24	23.19	19.08	23.00	PASS
Band43	5MHz	QPSK	44565	25RB#0	22.23	18.12	23.00	PASS
Band43	5MHz	16QAM	43615	1RB#0	22.43	18.32	23.00	PASS
Band43	5MHz	16QAM	43615	1RB#12	22.41	18.3	23.00	PASS
Band43	5MHz	16QAM	43615	1RB#24	22.40	18.29	23.00	PASS
Band43	5MHz	16QAM	43615	25RB#0	21.29	17.18	23.00	PASS
Band43	5MHz	16QAM	44090	1RB#0	22.42	18.31	23.00	PASS
Band43	5MHz	16QAM	44090	1RB#12	22.39	18.28	23.00	PASS
Band43	5MHz	16QAM	44090	1RB#24	22.41	18.3	23.00	PASS
Band43	5MHz	16QAM	44090	25RB#0	21.25	17.14	23.00	PASS
Band43	5MHz	16QAM	44565	1RB#0	22.43	18.32	23.00	PASS
Band43	5MHz	16QAM	44565	1RB#12	22.41	18.3	23.00	PASS
Band43	5MHz	16QAM	44565	1RB#24	22.45	18.34	23.00	PASS
Band43	5MHz	16QAM	44565	25RB#0	21.28	17.17	23.00	PASS
Band43	5MHz	64QAM	43615	1RB#0	21.23	17.12	23.00	PASS
Band43	5MHz	64QAM	43615	1RB#12	21.20	17.09	23.00	PASS



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Band43	5MHz	64QAM	43615	1RB#24	21.22	17.11	23.00	PASS
Band43	5MHz	64QAM	43615	25RB#0	20.34	16.23	23.00	PASS
Band43	5MHz	64QAM	44090	1RB#0	21.19	17.08	23.00	PASS
Band43	5MHz	64QAM	44090	1RB#12	21.21	17.1	23.00	PASS
Band43	5MHz	64QAM	44090	1RB#24	21.21	17.1	23.00	PASS
Band43	5MHz	64QAM	44090	25RB#0	20.30	16.19	23.00	PASS
Band43	5MHz	64QAM	44565	1RB#0	21.25	17.14	23.00	PASS
Band43	5MHz	64QAM	44565	1RB#12	21.21	17.1	23.00	PASS
Band43	5MHz	64QAM	44565	1RB#24	21.24	17.13	23.00	PASS
Band43	5MHz	64QAM	44565	25RB#0	20.33	16.22	23.00	PASS
Band43	10MHz	QPSK	43640	1RB#0	23.17	19.06	23.00	PASS
Band43	10MHz	QPSK	43640	1RB#24	23.17	19.06	23.00	PASS
Band43	10MHz	QPSK	43640	1RB#49	23.19	19.08	23.00	PASS
Band43	10MHz	QPSK	43640	50RB#0	22.27	18.16	23.00	PASS
Band43	10MHz	QPSK	44090	1RB#0	23.14	19.03	23.00	PASS
Band43	10MHz	QPSK	44090	1RB#24	23.15	19.04	23.00	PASS
Band43	10MHz	QPSK	44090	1RB#49	23.20	19.09	23.00	PASS
Band43	10MHz	QPSK	44090	50RB#0	22.26	18.15	23.00	PASS
Band43	10MHz	QPSK	44540	1RB#0	23.16	19.05	23.00	PASS
Band43	10MHz	QPSK	44540	1RB#24	23.17	19.06	23.00	PASS
Band43	10MHz	QPSK	44540	1RB#49	23.20	19.09	23.00	PASS
Band43	10MHz	QPSK	44540	50RB#0	22.26	18.15	23.00	PASS
Band43	10MHz	16QAM	43640	1RB#0	22.40	18.29	23.00	PASS
Band43	10MHz	16QAM	43640	1RB#24	22.43	18.32	23.00	PASS
Band43	10MHz	16QAM	43640	1RB#49	22.47	18.36	23.00	PASS
Band43	10MHz	16QAM	43640	50RB#0	21.33	17.22	23.00	PASS
Band43	10MHz	16QAM	44090	1RB#0	22.41	18.3	23.00	PASS
Band43	10MHz	16QAM	44090	1RB#24	22.40	18.29	23.00	PASS
Band43	10MHz	16QAM	44090	1RB#49	22.45	18.34	23.00	PASS
Band43	10MHz	16QAM	44090	50RB#0	21.31	17.2	23.00	PASS
Band43	10MHz	16QAM	44540	1RB#0	22.40	18.29	23.00	PASS
Band43	10MHz	16QAM	44540	1RB#24	22.41	18.3	23.00	PASS



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Band43	10MHz	16QAM	44540	1RB#49	22.46	18.35	23.00	PASS
Band43	10MHz	16QAM	44540	50RB#0	21.31	17.2	23.00	PASS
Band43	10MHz	64QAM	43640	1RB#0	21.20	17.09	23.00	PASS
Band43	10MHz	64QAM	43640	1RB#24	21.23	17.12	23.00	PASS
Band43	10MHz	64QAM	43640	1RB#49	21.24	17.13	23.00	PASS
Band43	10MHz	64QAM	43640	50RB#0	20.33	16.22	23.00	PASS
Band43	10MHz	64QAM	44090	1RB#0	21.18	17.07	23.00	PASS
Band43	10MHz	64QAM	44090	1RB#24	21.20	17.09	23.00	PASS
Band43	10MHz	64QAM	44090	1RB#49	21.25	17.14	23.00	PASS
Band43	10MHz	64QAM	44090	50RB#0	20.29	16.18	23.00	PASS
Band43	10MHz	64QAM	44540	1RB#0	21.19	17.08	23.00	PASS
Band43	10MHz	64QAM	44540	1RB#24	21.22	17.11	23.00	PASS
Band43	10MHz	64QAM	44540	1RB#49	21.26	17.15	23.00	PASS
Band43	10MHz	64QAM	44540	50RB#0	20.29	16.18	23.00	PASS
Band43	15MHz	QPSK	43665	1RB#0	23.06	18.95	23.00	PASS
Band43	15MHz	QPSK	43665	1RB#38	23.16	19.05	23.00	PASS
Band43	15MHz	QPSK	43665	1RB#74	23.25	19.14	23.00	PASS
Band43	15MHz	QPSK	43665	75RB#0	22.37	18.26	23.00	PASS
Band43	15MHz	QPSK	44090	1RB#0	23.06	18.95	23.00	PASS
Band43	15MHz	QPSK	44090	1RB#38	23.15	19.04	23.00	PASS
Band43	15MHz	QPSK	44090	1RB#74	23.24	19.13	23.00	PASS
Band43	15MHz	QPSK	44090	75RB#0	22.25	18.14	23.00	PASS
Band43	15MHz	QPSK	44515	1RB#0	23.09	18.98	23.00	PASS
Band43	15MHz	QPSK	44515	1RB#38	23.17	19.06	23.00	PASS
Band43	15MHz	QPSK	44515	1RB#74	23.26	19.15	23.00	PASS
Band43	15MHz	QPSK	44515	75RB#0	22.28	18.17	23.00	PASS
Band43	15MHz	16QAM	43665	1RB#0	22.34	18.23	23.00	PASS
Band43	15MHz	16QAM	43665	1RB#38	22.40	18.29	23.00	PASS
Band43	15MHz	16QAM	43665	1RB#74	22.56	18.45	23.00	PASS
Band43	15MHz	16QAM	43665	75RB#0	21.40	17.29	23.00	PASS
Band43	15MHz	16QAM	44090	1RB#0	22.33	18.22	23.00	PASS
Band43	15MHz	16QAM	44090	1RB#38	22.39	18.28	23.00	PASS



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Band43	15MHz	16QAM	44090	1RB#74	22.50	18.39	23.00	PASS
Band43	15MHz	16QAM	44090	75RB#0	21.30	17.19	23.00	PASS
Band43	15MHz	16QAM	44515	1RB#0	22.33	18.22	23.00	PASS
Band43	15MHz	16QAM	44515	1RB#38	22.41	18.3	23.00	PASS
Band43	15MHz	16QAM	44515	1RB#74	22.51	18.4	23.00	PASS
Band43	15MHz	16QAM	44515	75RB#0	21.28	17.17	23.00	PASS
Band43	15MHz	64QAM	43665	1RB#0	21.13	17.02	23.00	PASS
Band43	15MHz	64QAM	43665	1RB#38	21.22	17.11	23.00	PASS
Band43	15MHz	64QAM	43665	1RB#74	21.40	17.29	23.00	PASS
Band43	15MHz	64QAM	43665	75RB#0	20.41	16.3	23.00	PASS
Band43	15MHz	64QAM	44090	1RB#0	21.14	17.03	23.00	PASS
Band43	15MHz	64QAM	44090	1RB#38	21.20	17.09	23.00	PASS
Band43	15MHz	64QAM	44090	1RB#74	21.28	17.17	23.00	PASS
Band43	15MHz	64QAM	44090	75RB#0	20.29	16.18	23.00	PASS
Band43	15MHz	64QAM	44515	1RB#0	21.12	17.01	23.00	PASS
Band43	15MHz	64QAM	44515	1RB#38	21.20	17.09	23.00	PASS
Band43	15MHz	64QAM	44515	1RB#74	21.29	17.18	23.00	PASS
Band43	15MHz	64QAM	44515	75RB#0	20.29	16.18	23.00	PASS
Band43	20MHz	QPSK	43690	1RB#0	23.07	18.96	23.00	PASS
Band43	20MHz	QPSK	43690	1RB#49	23.14	19.03	23.00	PASS
Band43	20MHz	QPSK	43690	1RB#99	23.25	19.14	23.00	PASS
Band43	20MHz	QPSK	43690	100RB#0	22.39	18.28	23.00	PASS
Band43	20MHz	QPSK	44090	1RB#0	23.07	18.96	23.00	PASS
Band43	20MHz	QPSK	44090	1RB#49	23.13	19.02	23.00	PASS
Band43	20MHz	QPSK	44090	1RB#99	23.22	19.11	23.00	PASS
Band43	20MHz	QPSK	44090	100RB#0	22.26	18.15	23.00	PASS
Band43	20MHz	QPSK	44490	1RB#0	23.09	18.98	23.00	PASS
Band43	20MHz	QPSK	44490	1RB#49	23.14	19.03	23.00	PASS
Band43	20MHz	QPSK	44490	1RB#99	23.24	19.13	23.00	PASS
Band43	20MHz	QPSK	44490	100RB#0	22.26	18.15	23.00	PASS
Band43	20MHz	16QAM	43690	1RB#0	22.34	18.23	23.00	PASS
Band43	20MHz	16QAM	43690	1RB#49	22.40	18.29	23.00	PASS



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Band43	20MHz	16QAM	43690	1RB#99	22.63	18.52	23.00	PASS
Band43	20MHz	16QAM	43690	100RB#0	21.40	17.29	23.00	PASS
Band43	20MHz	16QAM	44090	1RB#0	22.29	18.18	23.00	PASS
Band43	20MHz	16QAM	44090	1RB#49	22.38	18.27	23.00	PASS
Band43	20MHz	16QAM	44090	1RB#99	22.49	18.38	23.00	PASS
Band43	20MHz	16QAM	44090	100RB#0	21.30	17.19	23.00	PASS
Band43	20MHz	16QAM	44490	1RB#0	22.35	18.24	23.00	PASS
Band43	20MHz	16QAM	44490	1RB#49	22.40	18.29	23.00	PASS
Band43	20MHz	16QAM	44490	1RB#99	22.46	18.35	23.00	PASS
Band43	20MHz	16QAM	44490	100RB#0	21.31	17.2	23.00	PASS
Band43	20MHz	64QAM	43690	1RB#0	21.11	17	23.00	PASS
Band43	20MHz	64QAM	43690	1RB#49	21.22	17.11	23.00	PASS
Band43	20MHz	64QAM	43690	1RB#99	21.41	17.3	23.00	PASS
Band43	20MHz	64QAM	43690	100RB#0	20.39	16.28	23.00	PASS
Band43	20MHz	64QAM	44090	1RB#0	21.11	17	23.00	PASS
Band43	20MHz	64QAM	44090	1RB#49	21.18	17.07	23.00	PASS
Band43	20MHz	64QAM	44090	1RB#99	21.31	17.2	23.00	PASS
Band43	20MHz	64QAM	44090	100RB#0	20.31	16.2	23.00	PASS
Band43	20MHz	64QAM	44490	1RB#0	21.14	17.03	23.00	PASS
Band43	20MHz	64QAM	44490	1RB#49	21.18	17.07	23.00	PASS
Band43	20MHz	64QAM	44490	1RB#99	21.28	17.17	23.00	PASS
Band43	20MHz	64QAM	44490	100RB#0	20.30	16.19	23.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band43	20MHz	QPSK	43690	100RB#0	8.76	13	PASS
Band43	20MHz	QPSK	44090	100RB#0	8.88	13	PASS
Band43	20MHz	QPSK	44490	100RB#0	9.10	13	PASS
Band43	20MHz	16QAM	43690	100RB#0	9.50	13	PASS
Band43	20MHz	16QAM	44090	100RB#0	9.54	13	PASS
Band43	20MHz	16QAM	44490	100RB#0	9.68	13	PASS
Band43	20MHz	64QAM	43690	100RB#0	9.86	13	PASS
Band43	20MHz	64QAM	44090	100RB#0	9.96	13	PASS
Band43	20MHz	64QAM	44490	100RB#0	10.06	13	PASS



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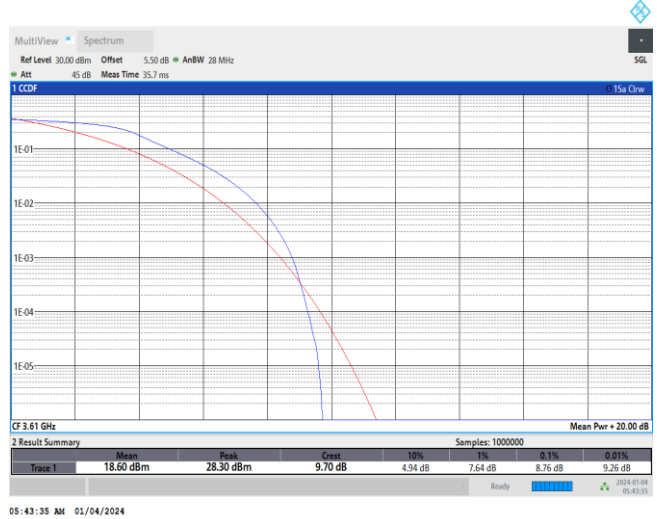
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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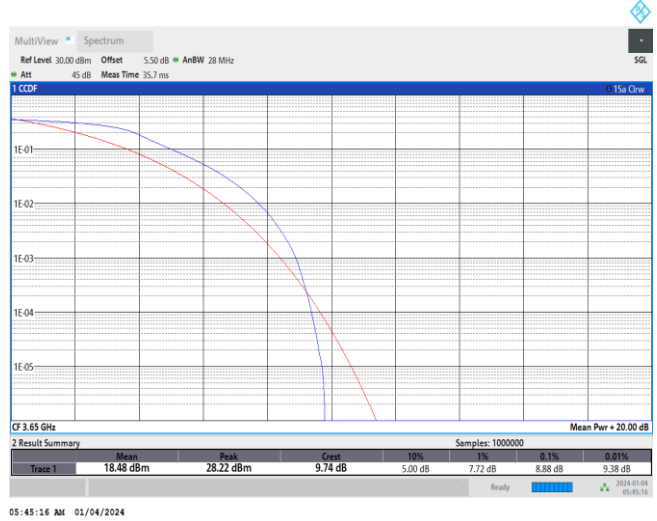
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Test Graphs

Band43-20MHz-QPSK-43690-100RB#0



Band43-20MHz-QPSK-44090-100RB#0

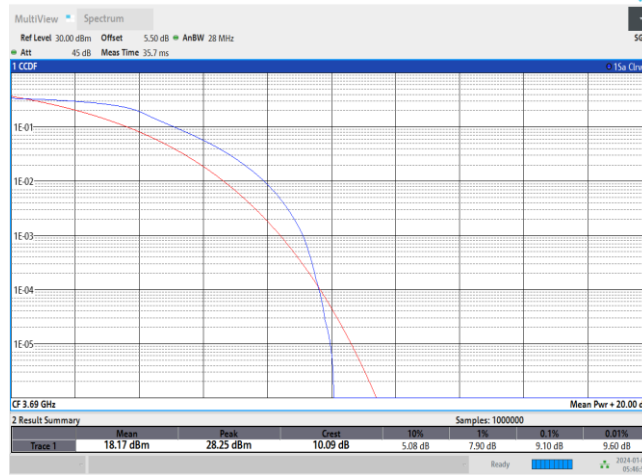


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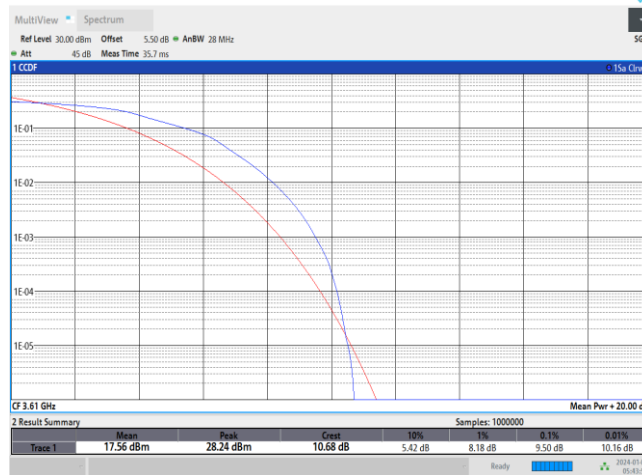
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Band43-20MHz-QPSK-44490-100RB#0



05:46:56 AM 01/04/2024

Band43-20MHz-16QAM-43690-100RB#0



05:43:52 AM 01/04/2024

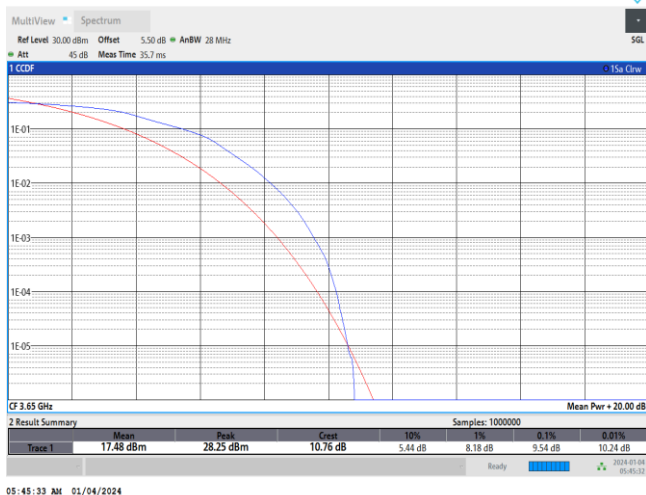


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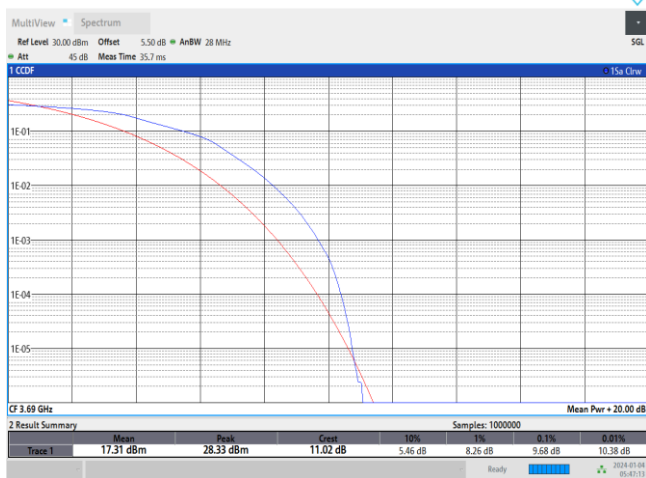
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Band43-20MHz-16QAM-44090-100RB#0



05:45:33 AM 01/04/2024

Band43-20MHz-16QAM-44490-100RB#0



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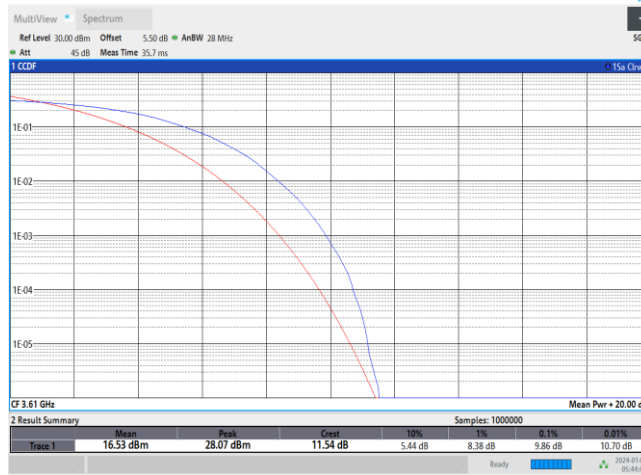


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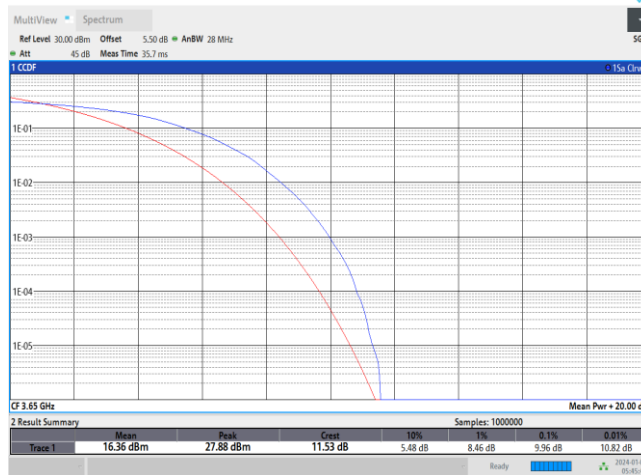
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Band43-20MHz-64QAM-43690-100RB#0



05:44:09 AM 01/04/2024

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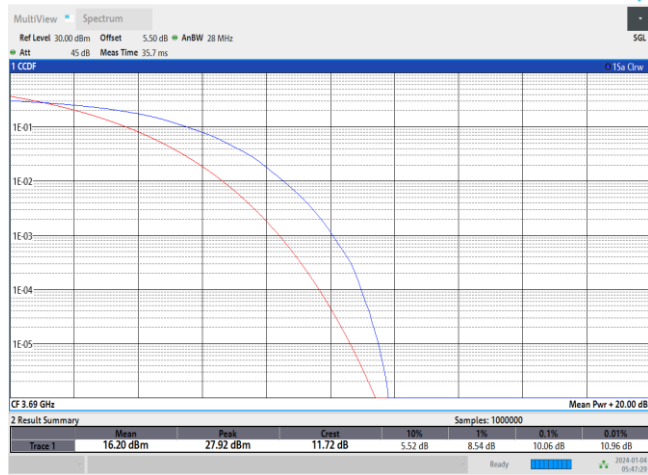


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Band43-20MHz-64QAM-44490-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band43	5MHz	QPSK	44090	25RB#0	4.501	4.78	PASS
Band43	5MHz	16QAM	44090	25RB#0	4.491	4.77	PASS
Band43	5MHz	64QAM	44090	25RB#0	4.515	4.77	PASS
Band43	10MHz	QPSK	44090	50RB#0	8.973	9.53	PASS
Band43	10MHz	16QAM	44090	50RB#0	8.982	9.53	PASS
Band43	10MHz	64QAM	44090	50RB#0	8.974	9.53	PASS
Band43	15MHz	QPSK	44090	75RB#0	13.46	14.30	PASS
Band43	15MHz	16QAM	44090	75RB#0	13.454	14.30	PASS
Band43	15MHz	64QAM	44090	75RB#0	13.44	14.30	PASS
Band43	20MHz	QPSK	44090	100RB#0	17.918	19.07	PASS
Band43	20MHz	16QAM	44090	100RB#0	17.902	19.07	PASS
Band43	20MHz	64QAM	44090	100RB#0	17.916	19.07	PASS



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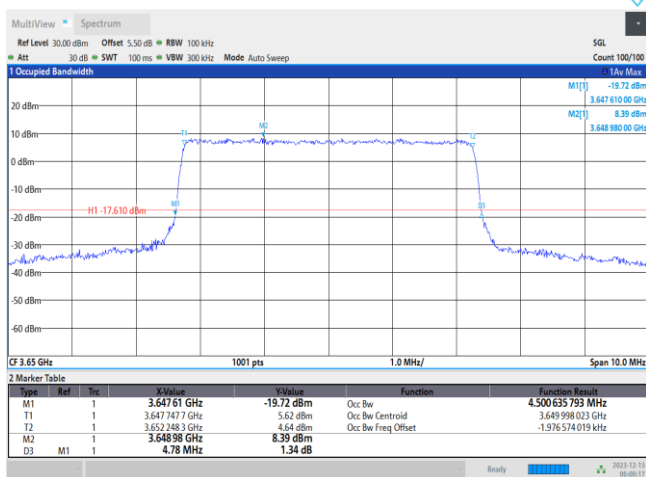
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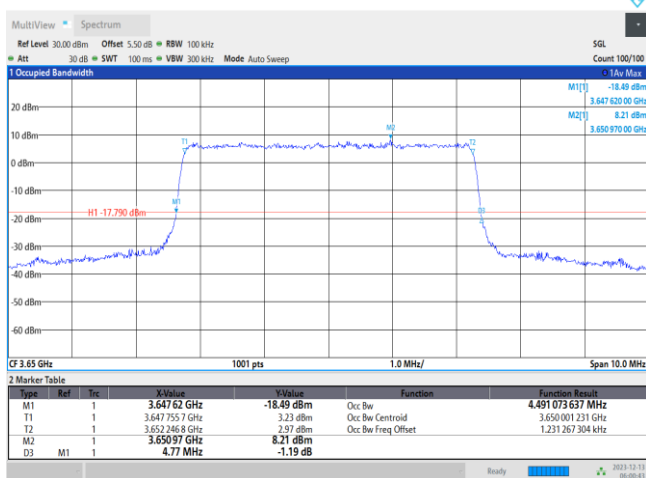
Test Graphs

Band43-5MHz-QPSK-44090-25RB#0



06:00:18 AM 12/13/2023

Band43-5MHz-16QAM-44090-25RB#0



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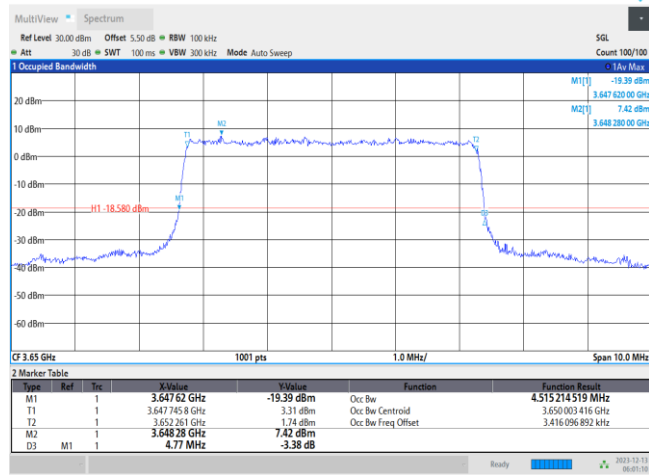


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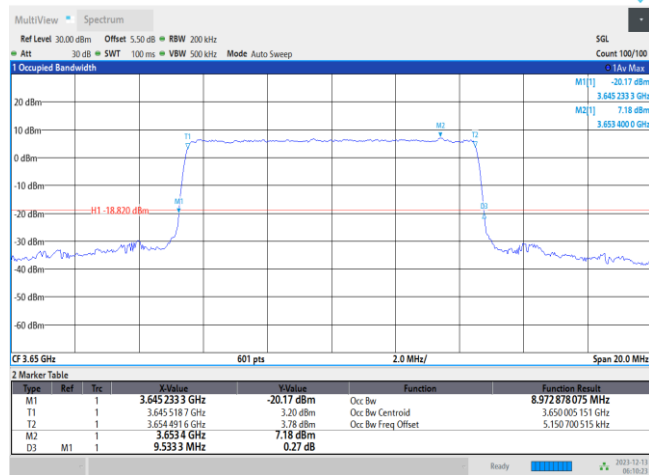
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Band43-5MHz-64QAM-44090-25RB#0



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Band43-10MHz-QPSK-44090-50RB#0



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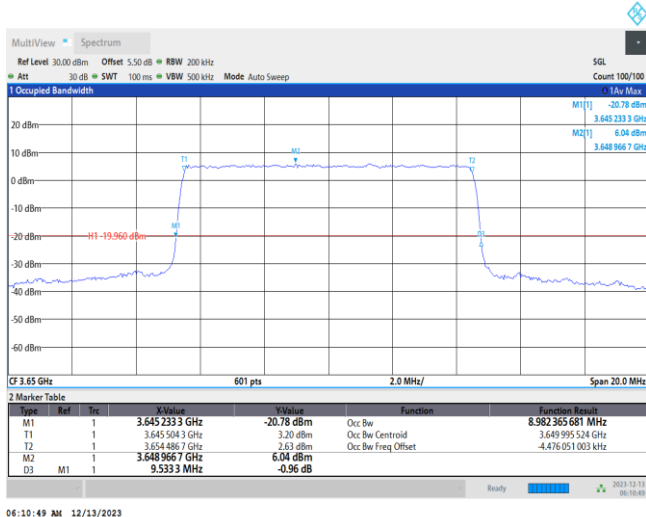


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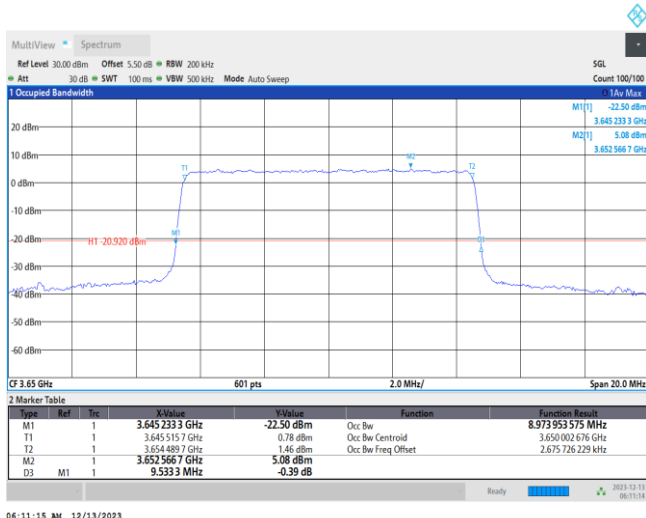
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Band43-10MHz-16QAM-44090-50RB#0



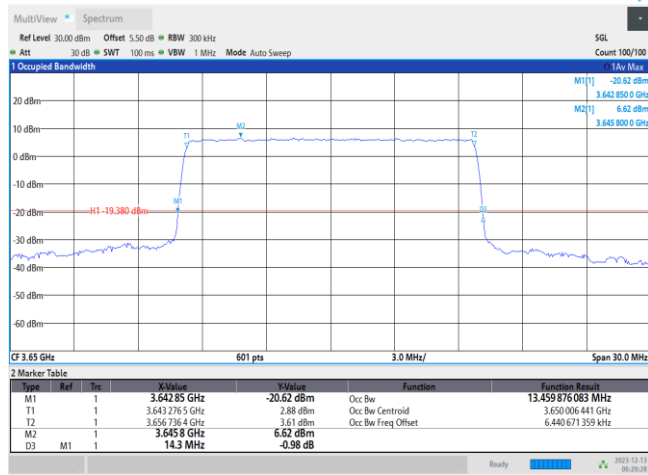
Band43-10MHz-64QAM-44090-50RB#0



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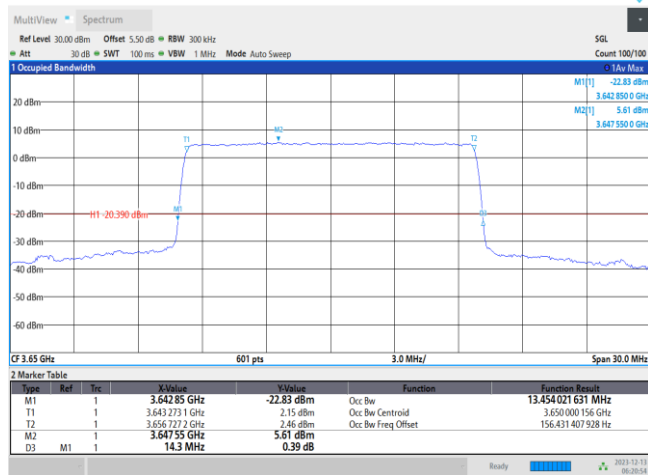
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Band43-15MHz-QPSK-44090-75RB#0



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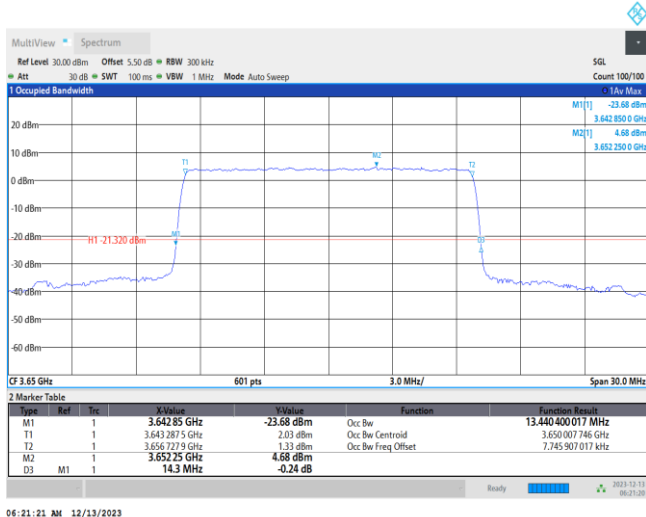
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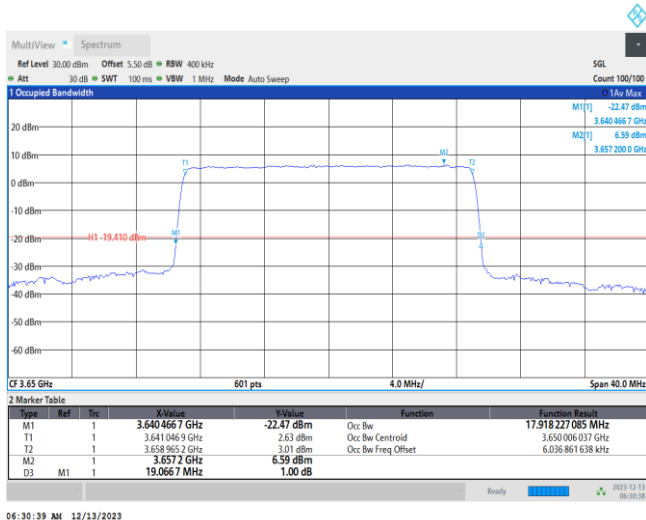
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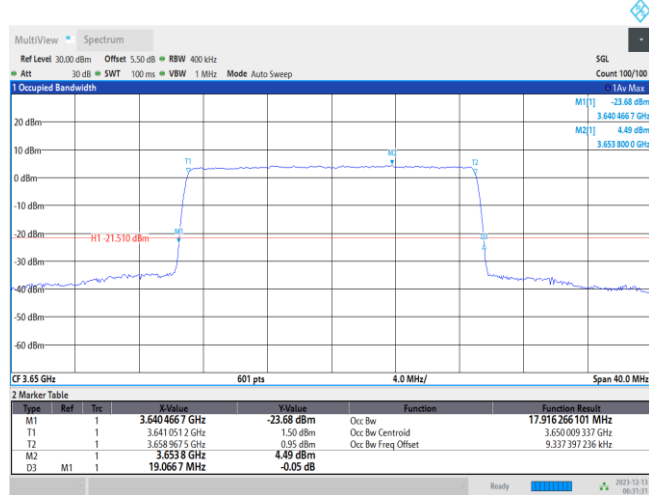
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Band43-20MHz-16QAM-44090-100RB#0



06:31:05 AM 12/13/2023

Band43-20MHz-64QAM-44090-100RB#0



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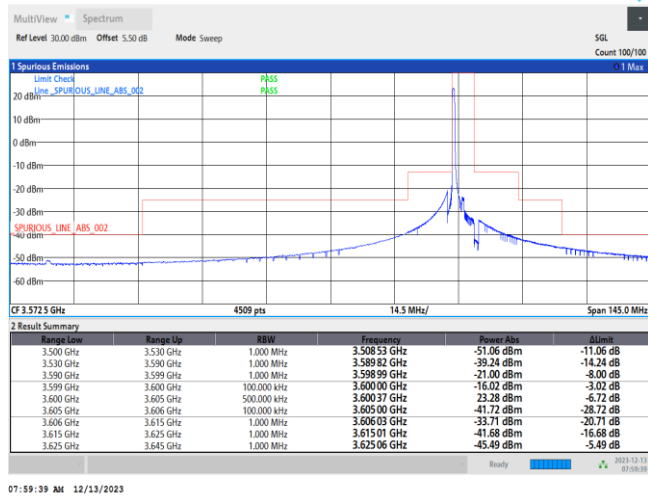
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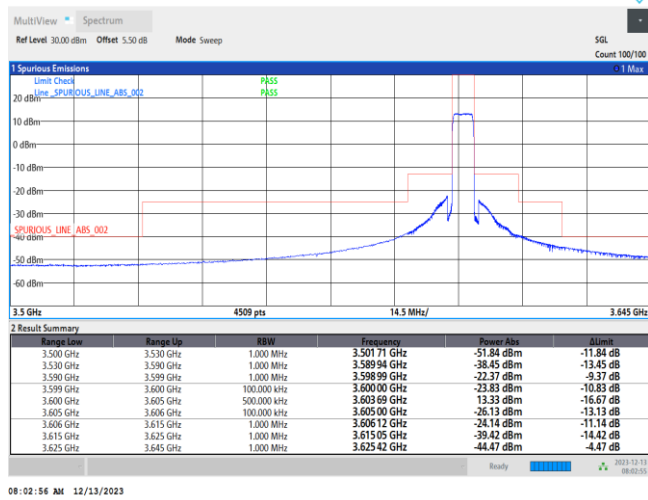
Band Edge

Test Graphs

Band43-5MHz-QPSK-43615-1RB#0



Band43-5MHz-QPSK-43615-25RB#0



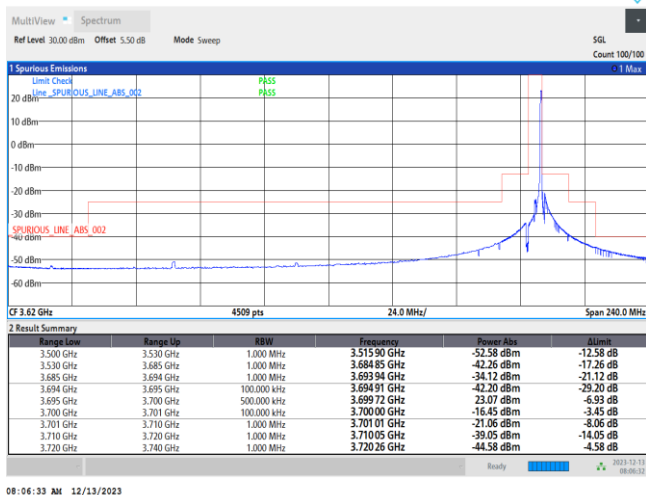
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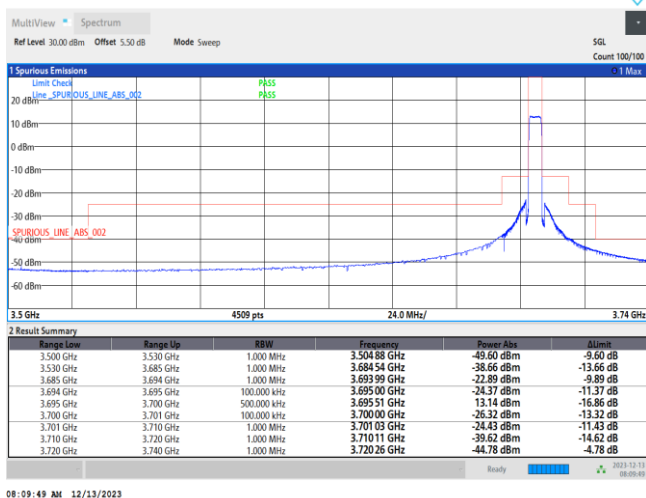
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Band43-5MHz-QPSK-44565-1RB#24



Band43-5MHz-QPSK-44565-25RB#0

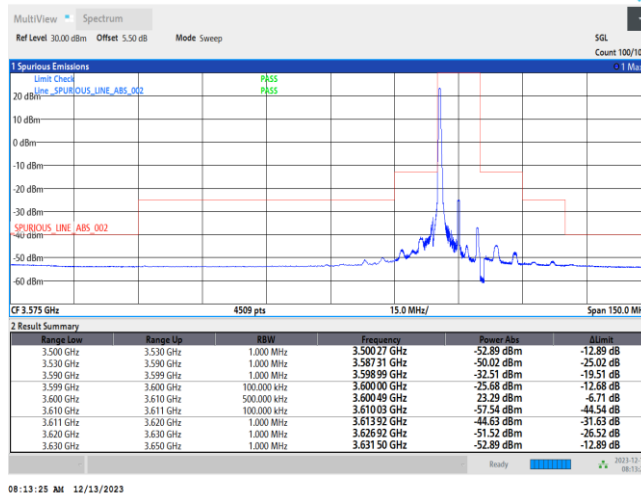


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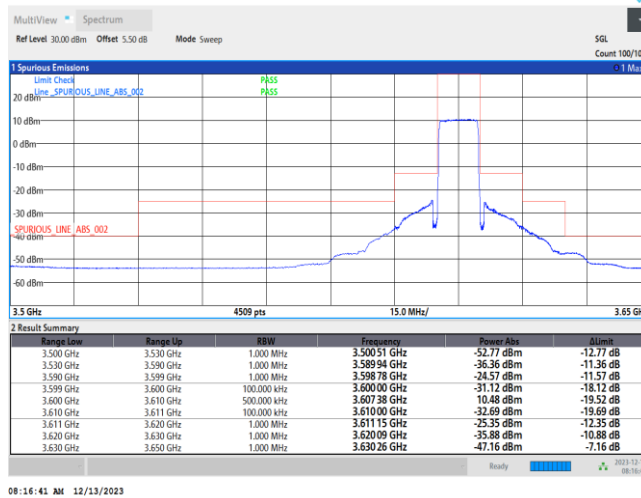
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Band43-10MHz-QPSK-43640-1RB#0



Band43-10MHz-QPSK-43640-50RB#0

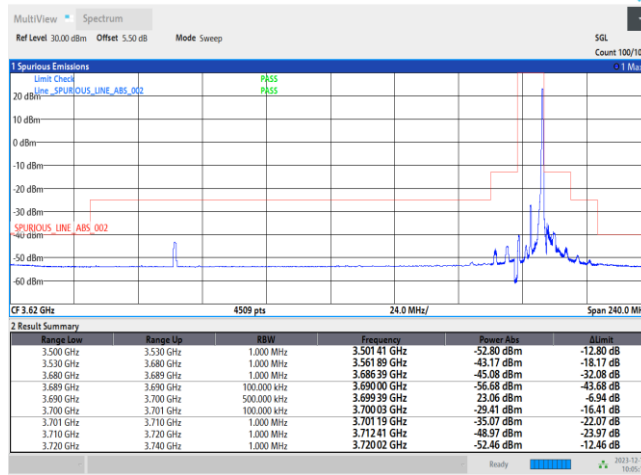


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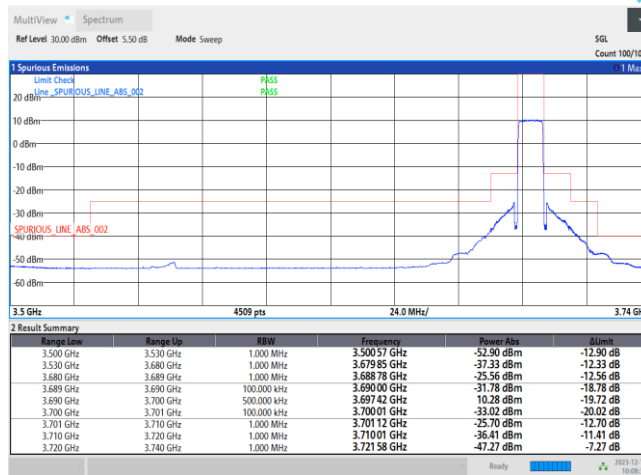
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Band43-10MHz-QPSK-44540-1RB#49



10:05:15 AM 12/13/2023

Band43-10MHz-QPSK-44540-50RB#0



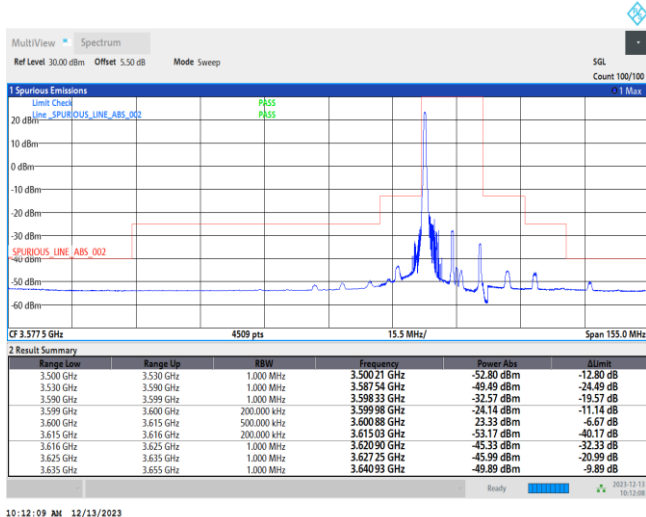
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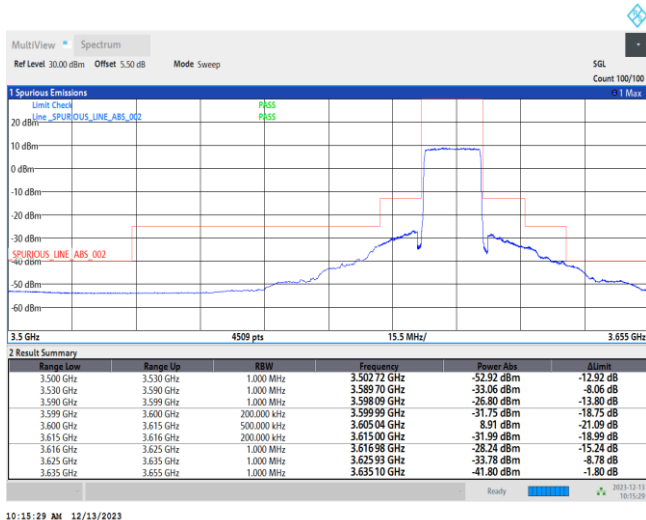
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Band43-15MHz-QPSK-43665-1RB#0



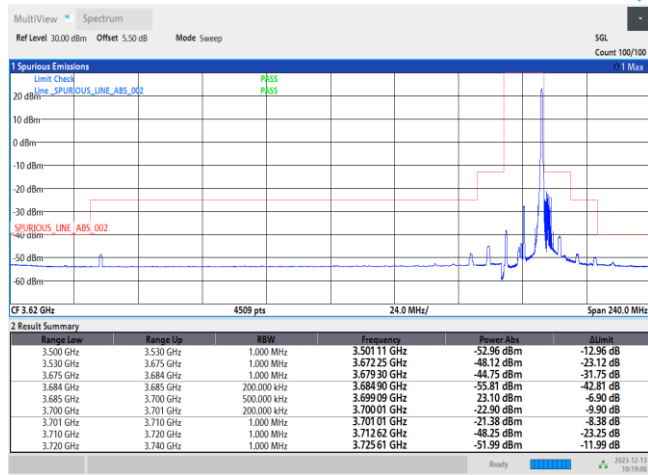
Band43-15MHz-QPSK-43665-75RB#0



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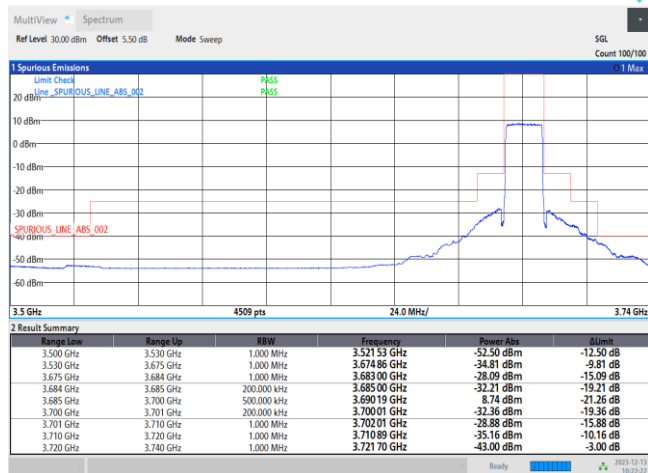
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Band43-15MHz-QPSK-44515-1RB#74



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Band43-15MHz-QPSK-44515-75RB#0



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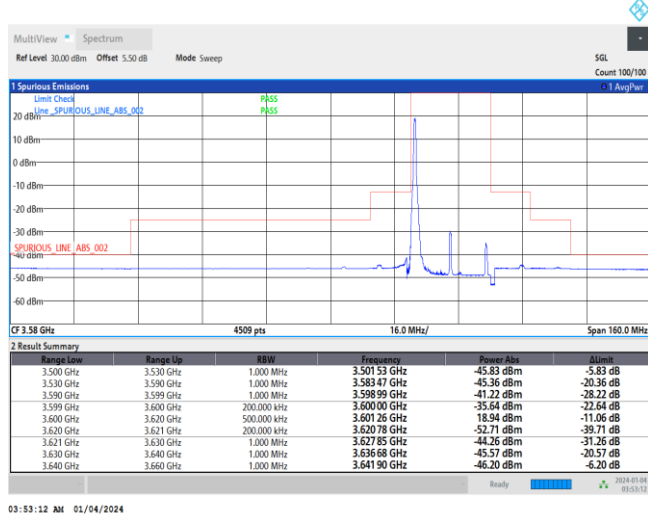


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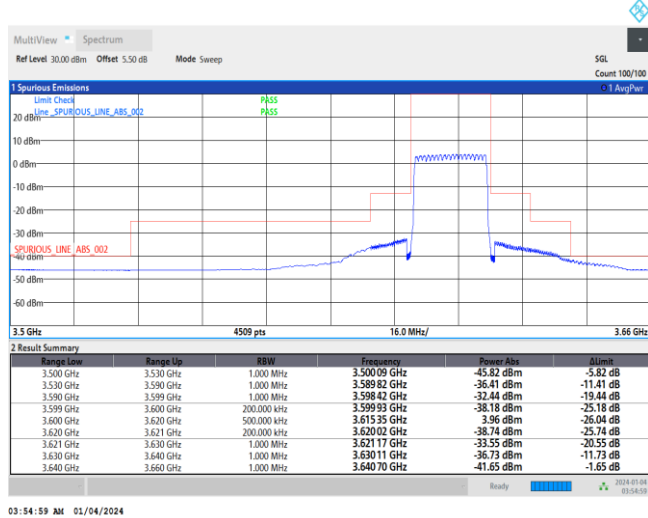
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Band43-20MHz-QPSK-43690-1RB#0



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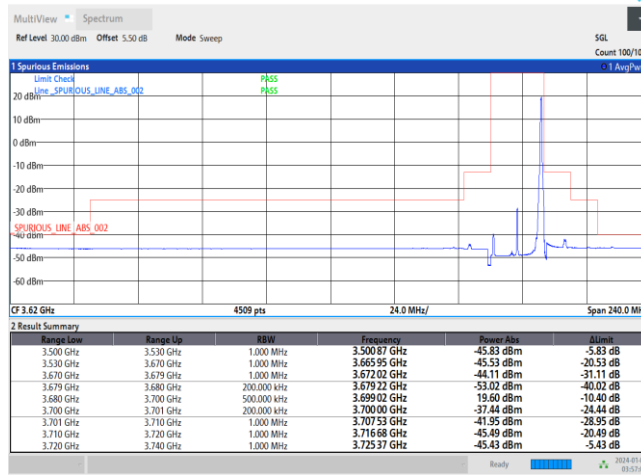


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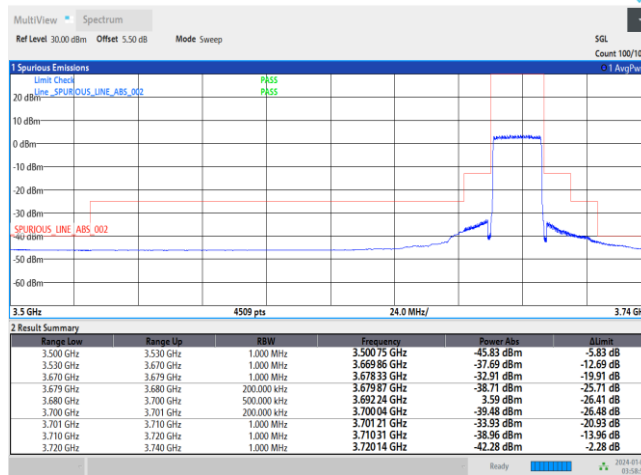
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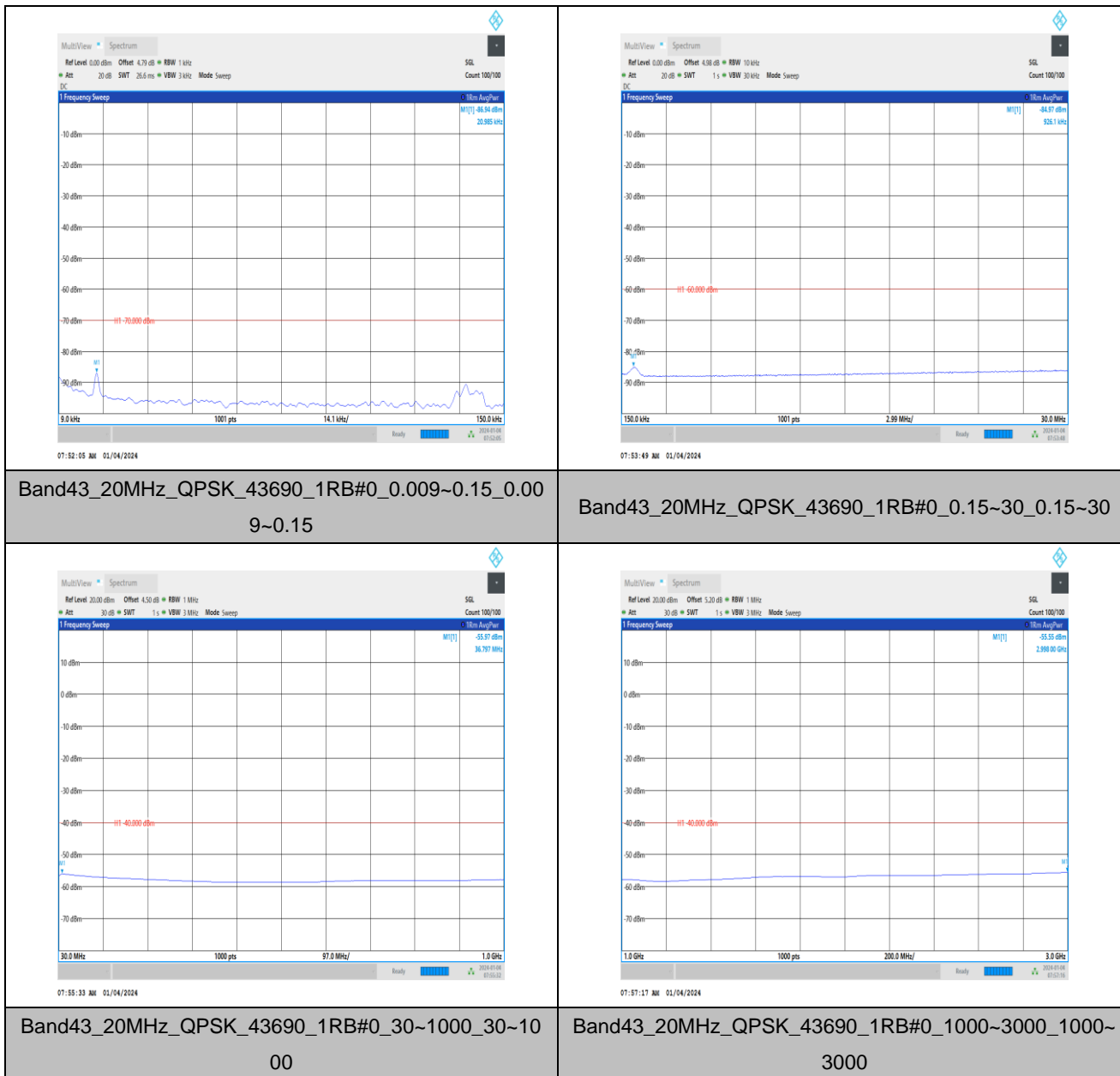
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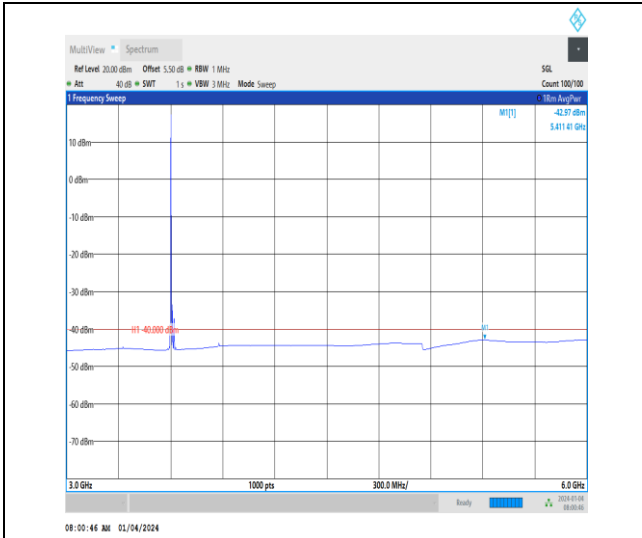
Test Graphs



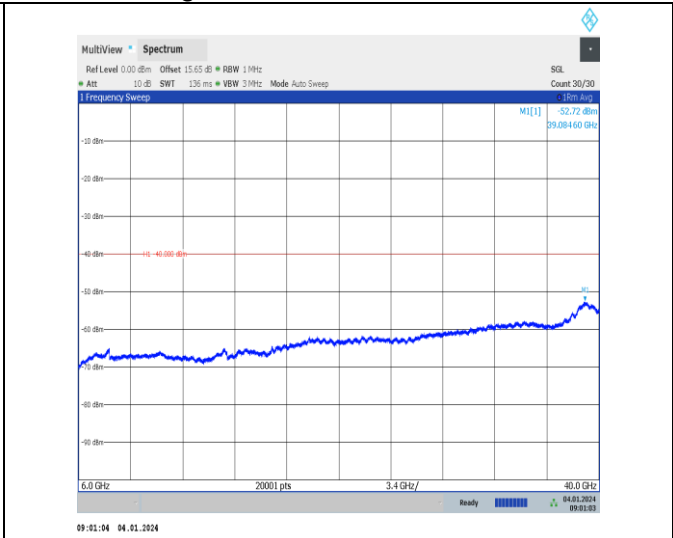
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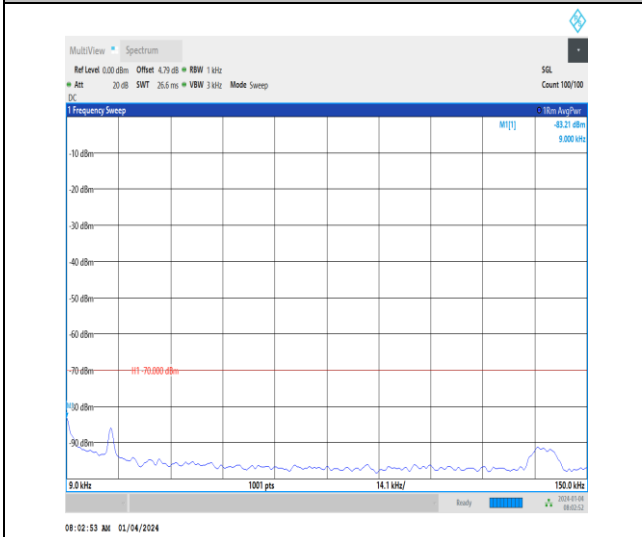
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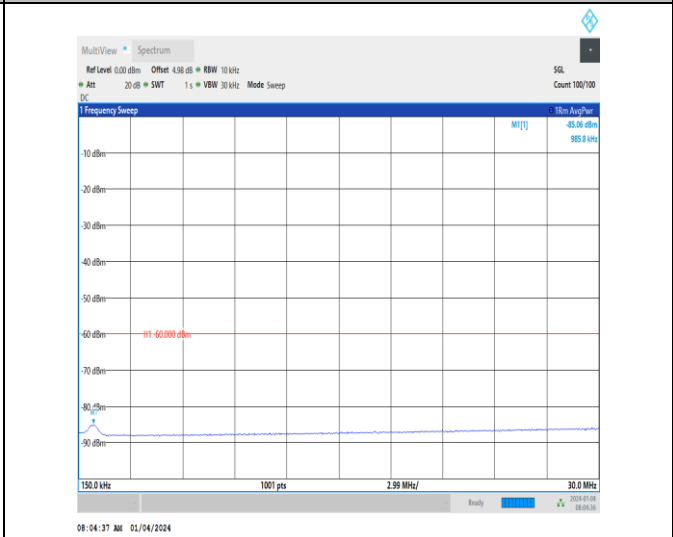
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Band43_20MHz_QPSK_43690_1RB#0_6000~40000_6000~40000



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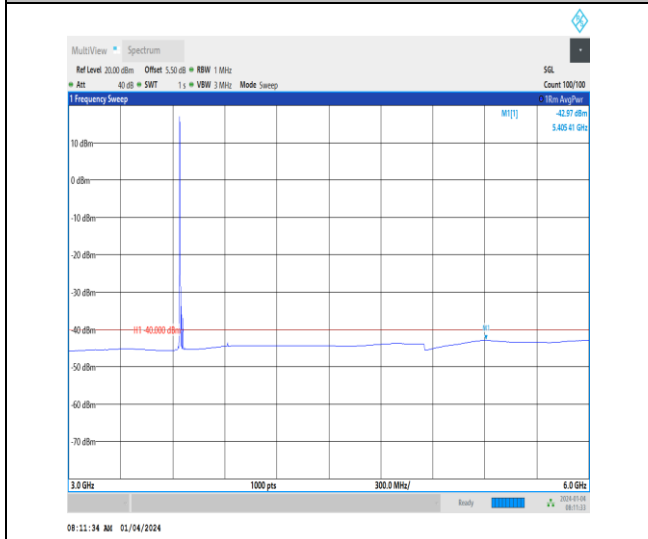
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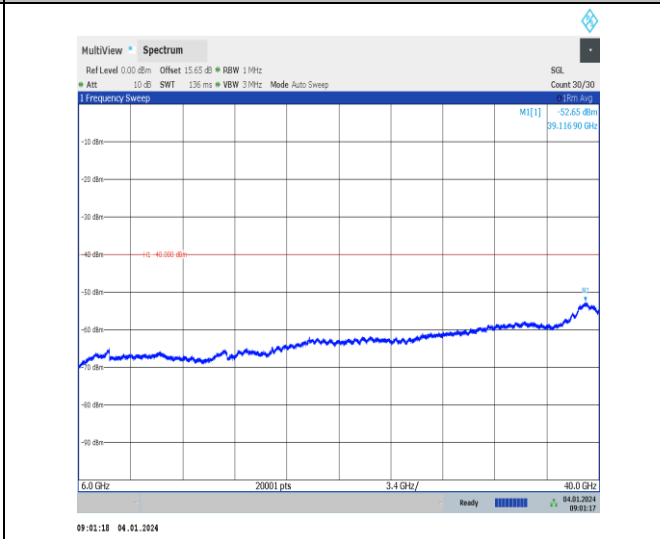
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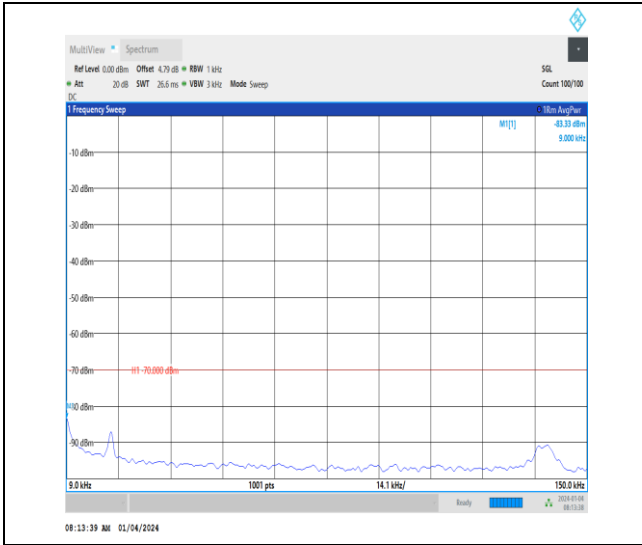
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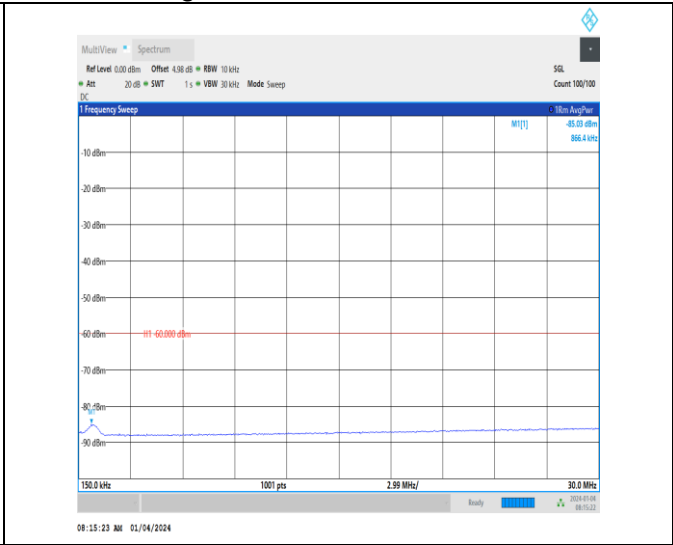
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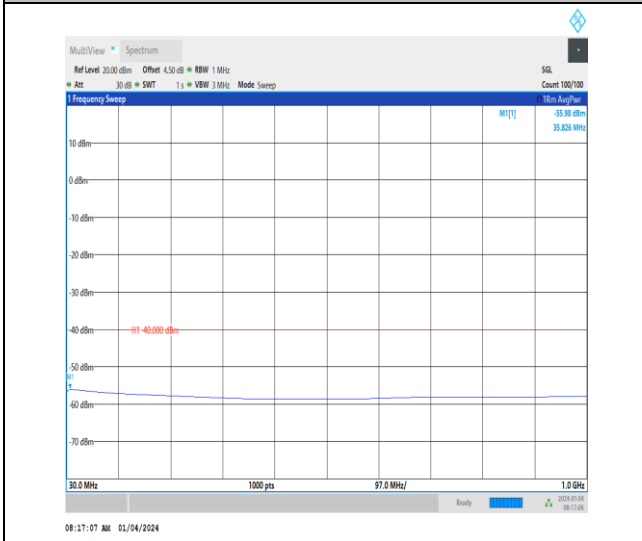
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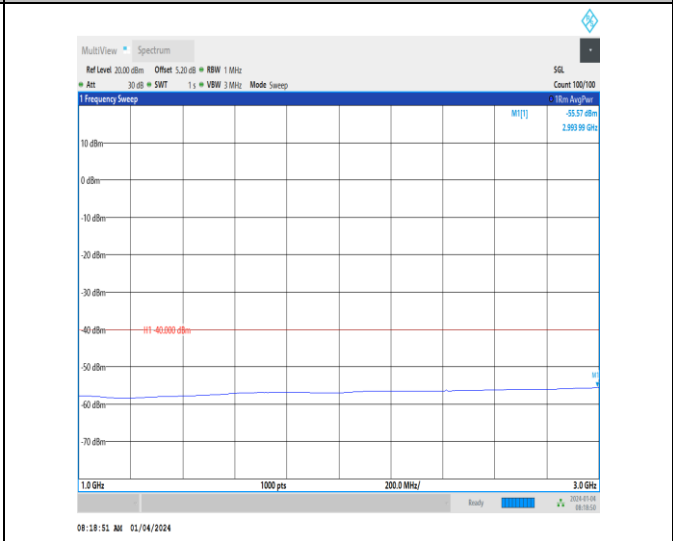
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Band43_20MHz_QPSK_44490_1RB#0_0.15-30_0.15-30



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Band43_20MHz_QPSK_44490_1RB#0_1000-3000_1000-3000

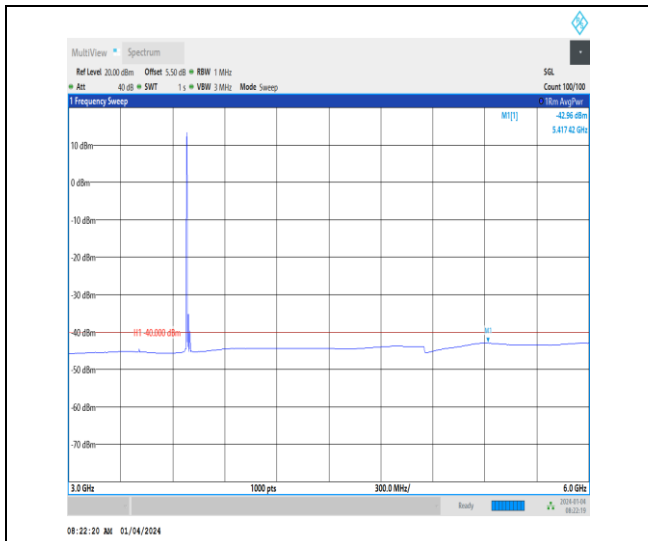


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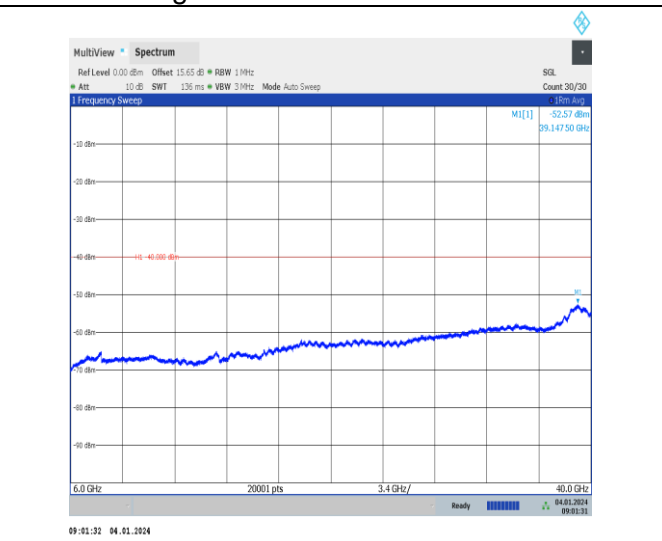
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Member of the SGS Group (SGS SA)



Band43_20MHz_QPSK_44490_1RB#0_3000~6000_3000~6000



Band43_20MHz_QPSK_44490_1RB#0_6000~40000_6000~40000



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Field Strength of Spurious Radiation

Test Band = LTE Band 43 3600-3700_ TM1
 Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9309.3542	41.65	-42.93	37.88	-58.66	-40.00	18.66	Horizontal
2	13711.9375	37.15	-38.02	40.24	-55.89	-40.00	15.89	Horizontal
3	17962.625	35.70	-37.08	45.06	-51.58	-40.00	11.58	Horizontal
4	7202.18	41.55	-45.46	36.09	-63.09	-40.00	23.09	Horizontal
5	10803.27	37.38	-40.44	39.22	-59.10	-40.00	19.10	Horizontal
6	14404.36	35.09	-38.69	40.58	-58.29	-40.00	18.29	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9297.375	42.00	-42.94	37.87	-58.33	-40.00	18.33	Vertical
2	12052.1042	37.85	-39.00	39.17	-57.24	-40.00	17.24	Vertical
3	17960.7083	36.08	-37.09	45.05	-51.22	-40.00	11.22	Vertical
4	7202.18	42.22	-45.46	36.09	-62.42	-40.00	22.42	Vertical
5	10803.27	37.43	-40.44	39.22	-59.05	-40.00	19.05	Vertical
6	14404.36	35.32	-38.69	40.58	-58.06	-40.00	18.06	Vertical



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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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 s (86-512) 62992980 sgs.china@sgs.com

Test Band = LTE Band 43 3600-3700_ TM1

Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8799.5208	42.28	-43.86	37.32	-59.52	-40.00	19.52	Horizontal
2	12012.3333	37.98	-38.66	39.19	-56.75	-40.00	16.75	Horizontal
3	17964.5417	36.01	-37.08	45.07	-51.26	-40.00	11.26	Horizontal
4	7282.18	42.34	-45.91	36.28	-62.55	-40.00	22.55	Horizontal
5	10923.27	36.88	-40.25	39.33	-59.30	-40.00	19.30	Horizontal
6	14564.36	35.12	-38.20	40.45	-57.90	-40.00	17.90	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9285.3958	41.68	-42.94	37.86	-58.67	-40.00	18.67	Vertical
2	12018.0833	37.85	-38.71	39.19	-56.93	-40.00	16.93	Vertical
3	17498.7917	35.11	-36.13	42.09	-54.19	-40.00	14.19	Vertical
4	7282.18	42.00	-45.91	36.28	-62.89	-40.00	22.89	Vertical
5	10923.27	36.96	-40.25	39.33	-59.22	-40.00	19.22	Vertical
6	14564.36	35.70	-38.20	40.45	-57.32	-40.00	17.32	Vertical



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Test Band = LTE Band 43 3600-3700_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9342.8958	41.75	-42.88	37.91	-58.49	-40.00	18.49	Horizontal
2	12041.5625	37.76	-38.91	39.18	-57.23	-40.00	17.23	Horizontal
3	17956.3958	36.20	-37.10	45.02	-51.14	-40.00	11.14	Horizontal
4	7362.18	41.49	-45.73	36.47	-63.03	-40.00	23.03	Horizontal
5	11043.27	36.00	-40.34	39.39	-60.21	-40.00	20.21	Horizontal
6	14724.36	35.40	-38.02	40.32	-57.56	-40.00	17.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9357.2708	41.39	-42.87	37.92	-58.81	-40.00	18.81	Vertical
2	13720.5625	37.19	-38.07	40.26	-55.88	-40.00	15.88	Vertical
3	17975.0833	36.11	-37.05	45.14	-51.06	-40.00	11.06	Vertical
4	7362.18	42.86	-45.73	36.47	-61.66	-40.00	21.66	Vertical
5	11043.27	36.93	-40.34	39.39	-59.28	-40.00	19.28	Vertical
6	14724.36	34.69	-38.02	40.32	-58.27	-40.00	18.27	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
Band43	20MHz	QPSK	44090	100RB#0	VL	NT	-5.00	-0.001370	PASS
Band43	20MHz	QPSK	44090	100RB#0	VN	NT	3.60	0.000986	PASS
Band43	20MHz	QPSK	44090	100RB#0	VH	NT	3.40	0.000932	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band43	20MHz	QPSK	44090	100RB#0	NV	-30	-3.50	-0.000959	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	-20	-0.50	-0.000137	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	-10	3.00	0.000822	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	0	1.60	0.000438	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	10	1.90	0.000521	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	20	4.90	0.001342	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	30	1.10	0.000301	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	40	3.40	0.000932	PASS
Band43	20MHz	QPSK	44090	100RB#0	NV	50	1.80	0.000493	PASS

---End of Attachment---



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