



Appendix B.48

LTE CA_42C(3550-3600)



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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
42-42	10MHz-20MHz	QPSK-QPSK	43145-43289	1RB#0-0RB#0	21.21	16.92	23	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43145-43289	50RB#0-100RB#0	19.58	15.29	23	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43346-43490	1RB#0-0RB#0	21.25	16.96	23	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43346-43490	50RB#0-100RB#0	19.50	15.21	23	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43434-43390	1RB#0-0RB#0	24.36	20.07	23	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43434-43390	50RB#0-100RB#0	22.17	17.88	23	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43145-43289	1RB#0-0RB#0	20.25	15.96	23	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43145-43289	50RB#0-100RB#0	18.64	14.35	23	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43346-43490	1RB#0-0RB#0	20.30	16.01	23	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43346-43490	50RB#0-100RB#0	18.55	14.26	23	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43434-43390	1RB#0-0RB#0	23.38	19.09	23	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43434-43390	50RB#0-100RB#0	21.28	16.99	23	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43145-43289	1RB#0-0RB#0	19.04	14.75	23	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43145-43289	50RB#0-100RB#0	18.62	14.33	23	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43346-43490	1RB#0-0RB#0	19.15	14.86	23	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43346-43490	50RB#0-100RB#0	18.57	14.28	23	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43434-43390	1RB#0-0RB#0	22.19	17.9	23	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43434-43390	50RB#0-100RB#0	21.23	16.94	23	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43145-43289	1RB#0-0RB#0	16.18	11.89	23	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43145-43289	50RB#0-100RB#0	16.61	12.32	23	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43346-43490	1RB#0-0RB#0	16.26	11.97	23	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43346-43490	50RB#0-100RB#0	16.53	12.24	23	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43434-43390	1RB#0-0RB#0	19.26	14.97	23	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43434-43390	50RB#0-100RB#0	19.22	14.93	23	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43168-43339	1RB#0-0RB#0	21.41	17.12	23	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43168-43339	75RB#0-100RB#0	19.59	15.3	23	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43319-43490	1RB#0-0RB#0	21.47	17.18	23	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43319-43490	75RB#0-100RB#0	19.49	15.2	23	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43437-43414	1RB#0-0RB#0	24.70	20.41	23	PASS



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42-42	15MHz-20MHz	QPSK-QPSK	43437-43414	75RB#0-100RB#0	22.54	18.25	23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43168-43339	1RB#0-0RB#0	20.49	16.2	23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43168-43339	75RB#0-100RB#0	18.62	14.33	23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43319-43490	1RB#0-0RB#0	20.56	16.27	23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43319-43490	75RB#0-100RB#0	18.55	14.26	23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43437-43414	1RB#0-0RB#0	23.76	19.47	23	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43437-43414	75RB#0-100RB#0	21.60	17.31	23	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43168-43339	1RB#0-0RB#0	19.22	14.93	23	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43168-43339	75RB#0-100RB#0	18.60	14.31	23	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43319-43490	1RB#0-0RB#0	19.31	15.02	23	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43319-43490	75RB#0-100RB#0	18.56	14.27	23	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43437-43414	1RB#0-0RB#0	22.53	18.24	23	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43437-43414	75RB#0-100RB#0	21.46	17.17	23	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43168-43339	1RB#0-0RB#0	16.37	12.08	23	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43168-43339	75RB#0-100RB#0	16.59	12.3	23	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43319-43490	1RB#0-0RB#0	16.43	12.14	23	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43319-43490	75RB#0-100RB#0	16.50	12.21	23	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43437-43414	1RB#0-0RB#0	19.62	15.33	23	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43437-43414	75RB#0-100RB#0	19.55	15.26	23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43190-43334	100RB#0-50RB#0	19.40	15.11	23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43190-43334	1RB#0-0RB#0	21.04	16.89	23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43389-43435	100RB#0-50RB#0	22.16	17.87	23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43389-43435	1RB#0-0RB#0	21.86	17.57	23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43391-43535	100RB#0-50RB#0	19.42	15.13	23	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43391-43535	1RB#0-0RB#0	21.26	16.97	23	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43190-43334	100RB#0-50RB#0	18.43	14.14	23	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43190-43334	1RB#0-0RB#0	20.16	15.87	23	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43389-43435	100RB#0-50RB#0	21.26	16.97	23	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43389-43435	1RB#0-0RB#0	20.88	16.59	23	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43391-43535	100RB#0-50RB#0	18.49	14.2	23	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43391-43535	1RB#0-0RB#0	20.32	16.03	23	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43190-43334	100RB#0-50RB#0	18.44	14.15	23	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43190-43334	1RB#0-0RB#0	18.90	14.61	23	PASS



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42-42	20MHz-10MHz	64QAM-64QAM	43389-43435	100RB#0-50RB#0	21.17	16.88	23	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43389-43435	1RB#0-0RB#0	19.51	15.22	23	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43391-43535	100RB#0-50RB#0	18.49	14.2	23	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43391-43535	1RB#0-0RB#0	19.15	14.86	23	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43190-43334	100RB#0-50RB#0	16.45	12.16	23	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43190-43334	1RB#0-0RB#0	16.04	11.75	23	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43389-43435	100RB#0-50RB#0	19.24	14.95	23	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43389-43435	1RB#0-0RB#0	16.70	12.41	23	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43391-43535	100RB#0-50RB#0	16.48	12.19	23	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43391-43535	1RB#0-0RB#0	16.31	12.02	23	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43190-43361	100RB#0-75RB#0	19.52	15.23	23	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43190-43361	1RB#0-0RB#0	21.28	16.99	23	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43341-43512	100RB#0-75RB#0	19.43	15.14	23	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43341-43512	1RB#0-0RB#0	21.28	16.99	23	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43414-43437	100RB#0-75RB#0	22.55	18.26	23	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43414-43437	1RB#0-0RB#0	21.75	17.46	23	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43190-43361	100RB#0-75RB#0	18.60	14.31	23	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43190-43361	1RB#0-0RB#0	20.27	15.98	23	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43341-43512	100RB#0-75RB#0	18.50	14.21	23	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43341-43512	1RB#0-0RB#0	20.31	16.02	23	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43414-43437	100RB#0-75RB#0	21.55	17.26	23	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43414-43437	1RB#0-0RB#0	20.81	16.52	23	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43190-43361	100RB#0-75RB#0	18.59	14.3	23	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43190-43361	1RB#0-0RB#0	19.07	14.78	23	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43341-43512	100RB#0-75RB#0	18.49	14.2	23	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43341-43512	1RB#0-0RB#0	19.13	14.84	23	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43414-43437	100RB#0-75RB#0	21.56	17.27	23	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43414-43437	1RB#0-0RB#0	19.51	15.22	23	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43190-43361	100RB#0-75RB#0	16.54	12.25	23	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43190-43361	1RB#0-0RB#0	16.22	11.93	23	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43341-43512	100RB#0-75RB#0	16.46	12.17	23	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43341-43512	1RB#0-0RB#0	16.28	11.99	23	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43414-43437	100RB#0-75RB#0	19.56	15.27	23	PASS



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42-42	20MHz-15MHz	256QAM-256QAM	43414-43437	1RB#0-0RB#0	16.68	12.39	23	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43190-43388	100RB#0-100RB#0	19.49	15.2	23	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43190-43388	1RB#0-0RB#0	21.22	16.93	23	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43241-43439	100RB#0-100RB#0	19.33	15.04	23	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43241-43439	1RB#0-0RB#0	21.06	16.77	23	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43292-43490	100RB#0-100RB#0	19.47	15.18	23	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43292-43490	1RB#0-0RB#0	21.26	16.97	23	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43190-43388	100RB#0-100RB#0	18.55	14.26	23	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43190-43388	1RB#0-0RB#0	20.30	16.01	23	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43241-43439	100RB#0-100RB#0	18.36	14.07	23	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43241-43439	1RB#0-0RB#0	20.15	15.86	23	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43292-43490	100RB#0-100RB#0	18.54	14.25	23	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43292-43490	1RB#0-0RB#0	20.34	16.05	23	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43190-43388	100RB#0-100RB#0	18.50	14.21	23	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43190-43388	1RB#0-0RB#0	19.07	14.78	23	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43241-43439	100RB#0-100RB#0	18.31	14.02	23	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43241-43439	1RB#0-0RB#0	18.92	14.63	23	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43292-43490	100RB#0-100RB#0	18.48	14.19	23	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43292-43490	1RB#0-0RB#0	19.10	14.81	23	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43190-43388	100RB#0-100RB#0	16.50	12.21	23	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43190-43388	1RB#0-0RB#0	16.18	11.89	23	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43241-43439	100RB#0-100RB#0	16.34	12.05	23	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43241-43439	1RB#0-0RB#0	16.05	11.76	23	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43292-43490	100RB#0-100RB#0	16.47	12.18	23	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43292-43490	1RB#0-0RB#0	16.28	11.99	23	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43190-43307	100RB#0-25RB#0	19.68	15.39	23	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43190-43307	1RB#0-0RB#0	21.65	17.36	23	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43365-43432	100RB#0-25RB#0	21.83	17.54	23	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43365-43432	1RB#0-0RB#0	21.74	17.45	23	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43440-43557	100RB#0-25RB#0	19.52	15.23	23	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43440-43557	1RB#0-0RB#0	21.77	17.48	23	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43190-43307	100RB#0-25RB#0	18.75	14.46	23	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43190-43307	1RB#0-0RB#0	20.84	16.55	23	PASS



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42-42	20MHz-5MHz	16QAM-16QAM	43365-43432	100RB#0-25RB#0	20.95	16.66	23	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43365-43432	1RB#0-0RB#0	20.80	16.51	23	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43440-43557	100RB#0-25RB#0	18.55	14.26	23	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43440-43557	1RB#0-0RB#0	20.76	16.47	23	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43190-43307	100RB#0-25RB#0	18.71	14.42	23	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43190-43307	1RB#0-0RB#0	19.45	15.16	23	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43365-43432	100RB#0-25RB#0	20.91	16.62	23	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43365-43432	1RB#0-0RB#0	19.56	15.27	23	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43440-43557	100RB#0-25RB#0	18.53	14.24	23	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43440-43557	1RB#0-0RB#0	19.49	15.2	23	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43190-43307	100RB#0-25RB#0	16.67	12.38	23	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43190-43307	1RB#0-0RB#0	16.62	12.33	23	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43365-43432	100RB#0-25RB#0	18.85	14.56	23	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43365-43432	1RB#0-0RB#0	16.69	12.4	23	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43440-43557	100RB#0-25RB#0	16.49	12.2	23	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43440-43557	1RB#0-0RB#0	16.62	12.33	23	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43123-43240	1RB#0-0RB#0	21.34	17.05	23	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43123-43240	25RB#0-100RB#0	19.77	15.48	23	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43373-43490	1RB#0-0RB#0	21.21	16.92	23	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43373-43490	25RB#0-100RB#0	19.68	15.39	23	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43432-43365	1RB#0-0RB#0	24.24	19.95	23	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43432-43365	25RB#0-100RB#0	21.83	17.54	23	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43123-43240	1RB#0-0RB#0	20.29	16	23	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43123-43240	25RB#0-100RB#0	18.77	14.48	23	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43373-43490	1RB#0-0RB#0	20.46	16.17	23	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43373-43490	25RB#0-100RB#0	18.67	14.38	23	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43432-43365	1RB#0-0RB#0	23.31	19.02	23	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43432-43365	25RB#0-100RB#0	20.85	16.56	23	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43123-43240	1RB#0-0RB#0	18.99	14.7	23	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43123-43240	25RB#0-100RB#0	18.80	14.51	23	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43373-43490	1RB#0-0RB#0	19.09	14.8	23	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43373-43490	25RB#0-100RB#0	18.69	14.4	23	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43432-43365	1RB#0-0RB#0	22.14	17.85	23	PASS



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42-42	5MHz-20MHz	64QAM-64QAM	43432-43365	25RB#0-100RB#0	20.91	16.62	23	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43123-43240	1RB#0-0RB#0	16.16	11.87	23	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43123-43240	25RB#0-100RB#0	16.67	12.38	23	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43373-43490	1RB#0-0RB#0	16.24	11.95	23	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43373-43490	25RB#0-100RB#0	16.67	12.38	23	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43432-43365	1RB#0-0RB#0	19.26	14.97	23	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43432-43365	25RB#0-100RB#0	18.85	14.56	23	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
42-42	20MHz-20MHz	QPSK-QPSK	43190-43388	100RB#0-100RB#0	10.12	13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43241-43439	100RB#0-100RB#0	10.16	13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43292-43490	100RB#0-100RB#0	10.14	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43190-43388	100RB#0-100RB#0	10.28	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43241-43439	100RB#0-100RB#0	10.22	13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43292-43490	100RB#0-100RB#0	10.24	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43190-43388	100RB#0-100RB#0	10.10	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43241-43439	100RB#0-100RB#0	10.06	13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43292-43490	100RB#0-100RB#0	10.02	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43190-43388	100RB#0-100RB#0	10.50	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43241-43439	100RB#0-100RB#0	10.48	13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43292-43490	100RB#0-100RB#0	10.52	13	PASS



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Test Graphs

42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-100RB#0-100RB#0

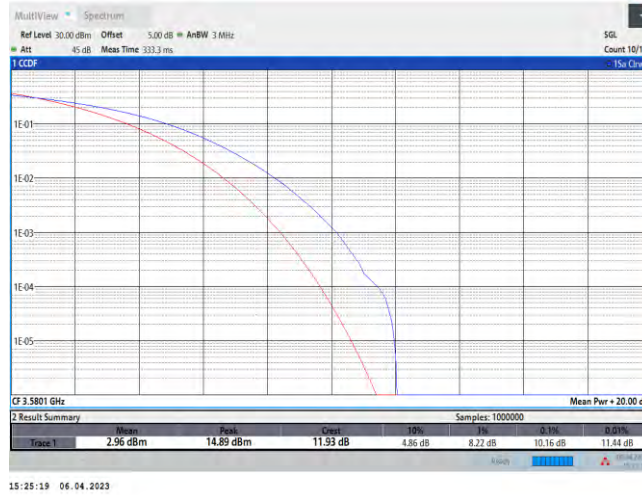


42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-100RB#0-100RB#0

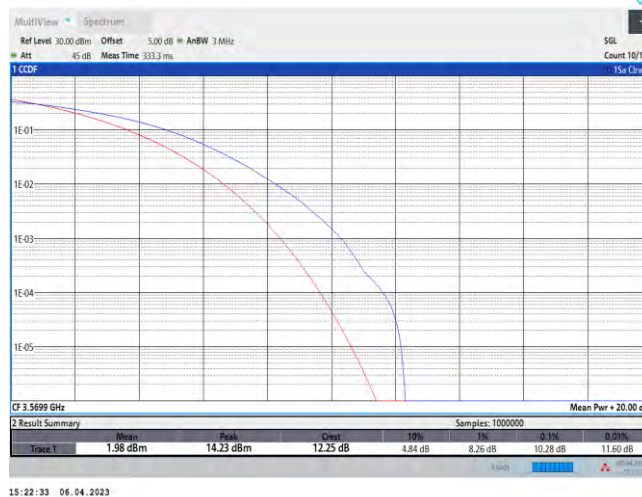


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42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-100RB#0-100RB#0



42-42-20MHz-20MHz-16QAM-16QAM-43190-43388-100RB#0-100RB#0



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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

42-42-20MHz-20MHz-16QAM-16QAM-43241-43439-100RB#0-100RB#0



42-42-20MHz-20MHz-16QAM-16QAM-43292-43490-100RB#0-100RB#0

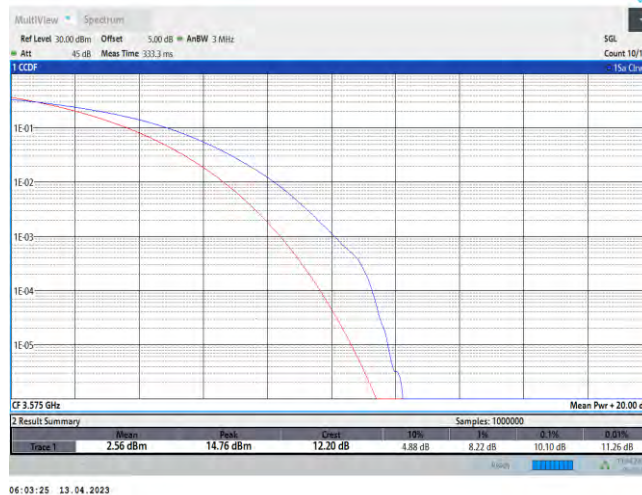


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42-42-20MHz-20MHz-64QAM-64QAM-43190-43388-100RB#0-100RB#0

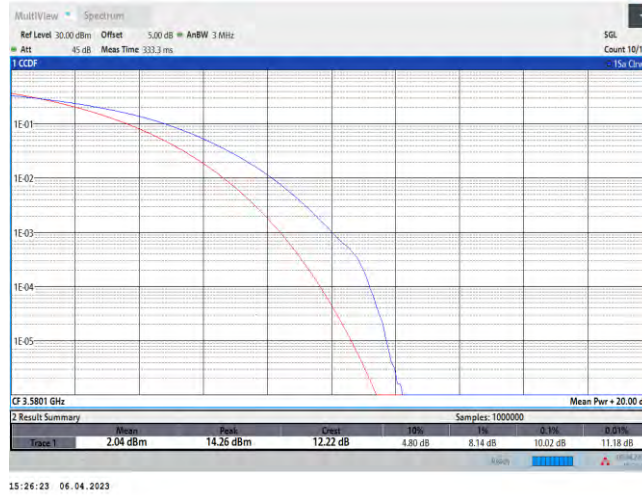


42-42-20MHz-20MHz-64QAM-64QAM-43241-43439-100RB#0-100RB#0

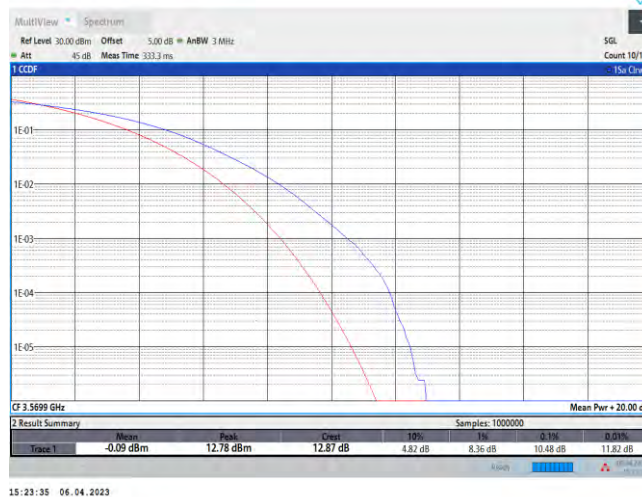


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42-42-20MHz-20MHz-64QAM-64QAM-43292-43490-100RB#0-100RB#0



42-42-20MHz-20MHz-256QAM-256QAM-43190-43388-100RB#0-100RB#0

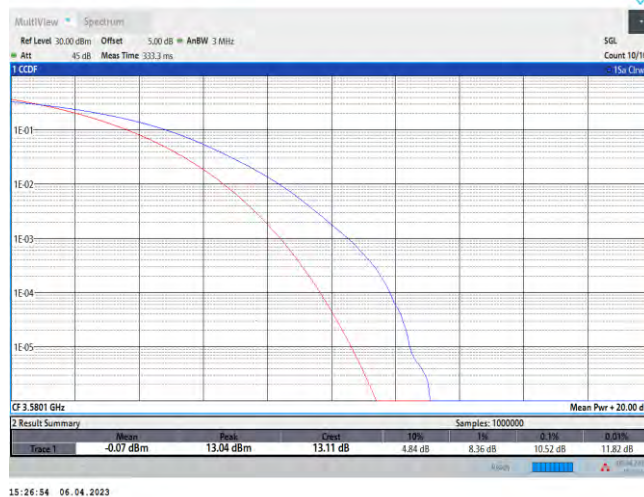


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42-42-20MHz-20MHz-256QAM-256QAM-43241-43439-100RB#0-100RB#0



42-42-20MHz-20MHz-256QAM-256QAM-43292-43490-100RB#0-100RB#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
42-42	10MHz-20MHz	QPSK-QPSK	43145-43289	50RB#0-100RB#0	27.639	29.08	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43346-43490	50RB#0-100RB#0	27.639	29.08	PASS
42-42	10MHz-20MHz	QPSK-QPSK	43434-43390	50RB#0-100RB#0	27.639	29.08	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43145-43289	50RB#0-100RB#0	27.662	29.08	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43346-43490	50RB#0-100RB#0	27.653	29.08	PASS
42-42	10MHz-20MHz	16QAM-16QAM	43434-43390	50RB#0-100RB#0	27.653	29.08	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43145-43289	50RB#0-100RB#0	27.661	29.08	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43346-43490	50RB#0-100RB#0	27.627	29.08	PASS
42-42	10MHz-20MHz	64QAM-64QAM	43434-43390	50RB#0-100RB#0	27.627	29.08	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43145-43289	50RB#0-100RB#0	27.622	29.08	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43346-43490	50RB#0-100RB#0	27.651	29.08	PASS
42-42	10MHz-20MHz	256QAM-256QAM	43434-43390	50RB#0-100RB#0	27.651	29.08	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43168-43339	75RB#0-100RB#0	32.545	34.17	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43319-43490	75RB#0-100RB#0	32.521	34.17	PASS
42-42	15MHz-20MHz	QPSK-QPSK	43437-43414	75RB#0-100RB#0	32.521	34.17	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43168-43339	75RB#0-100RB#0	32.515	34.08	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43319-43490	75RB#0-100RB#0	32.543	34.08	PASS
42-42	15MHz-20MHz	16QAM-16QAM	43437-43414	75RB#0-100RB#0	32.543	34.08	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43168-43339	75RB#0-100RB#0	32.535	34.08	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43319-43490	75RB#0-100RB#0	32.532	34.17	PASS
42-42	15MHz-20MHz	64QAM-64QAM	43437-43414	75RB#0-100RB#0	32.532	34.17	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43168-43339	75RB#0-100RB#0	32.506	34.17	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43319-43490	75RB#0-100RB#0	32.525	34.08	PASS
42-42	15MHz-20MHz	256QAM-256QAM	43437-43414	75RB#0-100RB#0	32.525	34.08	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43190-43334	100RB#0-50RB#0	27.697	29.17	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43291-43435	100RB#0-50RB#0	27.71	29.17	PASS
42-42	20MHz-10MHz	QPSK-QPSK	43391-43535	100RB#0-50RB#0	27.711	29.17	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43190-43334	100RB#0-50RB#0	27.713	29.17	PASS
42-42	20MHz-10MHz	16QAM-16QAM	43291-43435	100RB#0-50RB#0	27.742	29.17	PASS



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42-42	20MHz-10MHz	16QAM-16QAM	43391-43535	100RB#0-50RB#0	27.717	29.25	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43190-43334	100RB#0-50RB#0	27.726	29.17	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43291-43435	100RB#0-50RB#0	27.71	29.17	PASS
42-42	20MHz-10MHz	64QAM-64QAM	43391-43535	100RB#0-50RB#0	27.725	29.17	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43190-43334	100RB#0-50RB#0	27.699	29.17	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43291-43435	100RB#0-50RB#0	27.691	29.17	PASS
42-42	20MHz-10MHz	256QAM-256QAM	43391-43535	100RB#0-50RB#0	27.692	29.17	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43190-43361	100RB#0-75RB#0	32.576	34.17	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43341-43512	100RB#0-75RB#0	32.562	34.08	PASS
42-42	20MHz-15MHz	QPSK-QPSK	43414-43437	100RB#0-75RB#0	32.562	34.08	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43190-43361	100RB#0-75RB#0	32.589	34.08	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43341-43512	100RB#0-75RB#0	32.549	34.17	PASS
42-42	20MHz-15MHz	16QAM-16QAM	43414-43437	100RB#0-75RB#0	32.549	34.17	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43190-43361	100RB#0-75RB#0	32.589	34.17	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43341-43512	100RB#0-75RB#0	32.587	34.08	PASS
42-42	20MHz-15MHz	64QAM-64QAM	43414-43437	100RB#0-75RB#0	32.587	34.08	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43190-43361	100RB#0-75RB#0	32.543	34.08	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43341-43512	100RB#0-75RB#0	32.563	34.08	PASS
42-42	20MHz-15MHz	256QAM-256QAM	43414-43437	100RB#0-75RB#0	32.563	34.08	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43190-43388	100RB#0-100RB#0	37.636	40.27	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43241-43439	100RB#0-100RB#0	37.651	40.13	PASS
42-42	20MHz-20MHz	QPSK-QPSK	43292-43490	100RB#0-100RB#0	37.625	40.27	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43190-43388	100RB#0-100RB#0	37.663	40.13	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43241-43439	100RB#0-100RB#0	37.667	40.27	PASS
42-42	20MHz-20MHz	16QAM-16QAM	43292-43490	100RB#0-100RB#0	37.67	40.13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43190-43388	100RB#0-100RB#0	37.675	40.13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43241-43439	100RB#0-100RB#0	37.647	40.13	PASS
42-42	20MHz-20MHz	64QAM-64QAM	43292-43490	100RB#0-100RB#0	37.638	40.13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43190-43388	100RB#0-100RB#0	37.648	40.27	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43241-43439	100RB#0-100RB#0	37.595	40.13	PASS
42-42	20MHz-20MHz	256QAM-256QAM	43292-43490	100RB#0-100RB#0	37.612	40.13	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43190-43307	100RB#0-25RB#0	22.891	24.17	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43315-43432	100RB#0-25RB#0	22.905	24.25	PASS
42-42	20MHz-5MHz	QPSK-QPSK	43440-43557	100RB#0-25RB#0	22.882	24.25	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43190-43307	100RB#0-25RB#0	22.903	24.25	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43315-43432	100RB#0-25RB#0	22.919	24.25	PASS
42-42	20MHz-5MHz	16QAM-16QAM	43440-43557	100RB#0-25RB#0	22.912	24.17	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43190-43307	100RB#0-25RB#0	22.892	24.17	PASS
42-42	20MHz-5MHz	64QAM-64QAM	43315-43432	100RB#0-25RB#0	22.916	24.25	PASS

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42-42	20MHz-5MHz	64QAM-64QAM	43440-43557	100RB#0-25RB#0	22.891	24.25	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43190-43307	100RB#0-25RB#0	22.88	24.25	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43315-43432	100RB#0-25RB#0	22.896	24.17	PASS
42-42	20MHz-5MHz	256QAM-256QAM	43440-43557	100RB#0-25RB#0	22.872	24.25	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43123-43240	25RB#0-100RB#0	22.857	24.08	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43373-43490	25RB#0-100RB#0	22.845	24.08	PASS
42-42	5MHz-20MHz	QPSK-QPSK	43432-43365	25RB#0-100RB#0	22.845	24.08	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43123-43240	25RB#0-100RB#0	22.825	24.08	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43373-43490	25RB#0-100RB#0	22.853	24.08	PASS
42-42	5MHz-20MHz	16QAM-16QAM	43432-43365	25RB#0-100RB#0	22.853	24.08	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43123-43240	25RB#0-100RB#0	22.872	24.08	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43373-43490	25RB#0-100RB#0	22.837	24.08	PASS
42-42	5MHz-20MHz	64QAM-64QAM	43432-43365	25RB#0-100RB#0	22.837	24.08	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43123-43240	25RB#0-100RB#0	22.817	24.08	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43373-43490	25RB#0-100RB#0	22.817	24.08	PASS
42-42	5MHz-20MHz	256QAM-256QAM	43432-43365	25RB#0-100RB#0	22.817	24.08	PASS



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Test Graphs

42-42-10MHz-20MHz-QPSK-QPSK-43145-43289-50RB#0-100RB#0



13:40:50 06.04.2023

42-42-10MHz-20MHz-QPSK-QPSK-43346-43490-50RB#0-100RB#0



07:00:31 13.04.2023



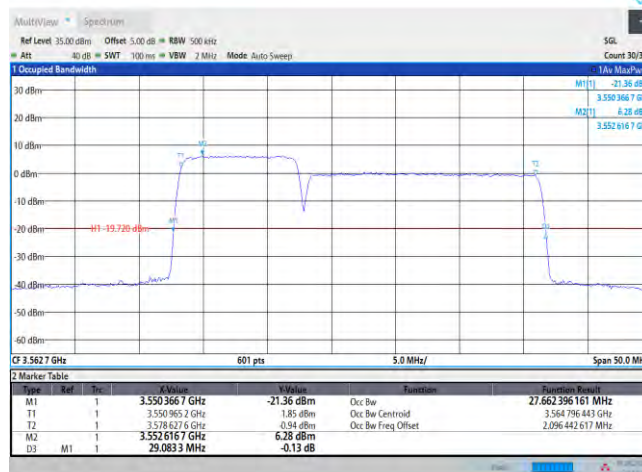
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42-42-10MHz-20MHz-QPSK-QPSK-43434-43390-50RB#0-100RB#0



13:40:50 06.04.2023

42-42-10MHz-20MHz-16QAM-16QAM-43145-43289-50RB#0-100RB#0



13:41:22 06.04.2023



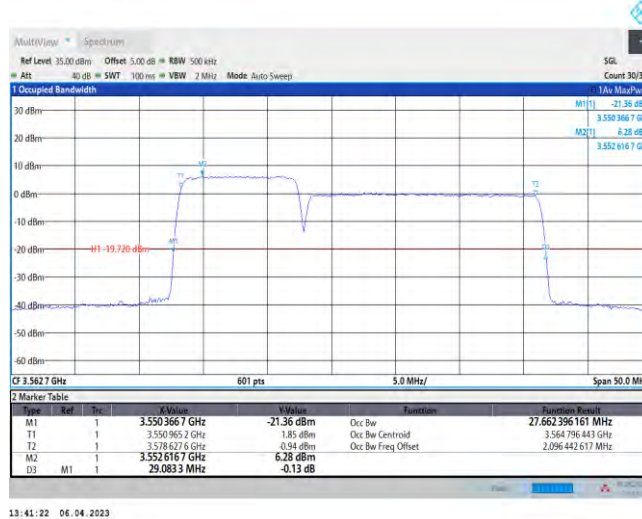
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42-42-10MHz-20MHz-16QAM-16QAM-43346-43490-50RB#0-100RB#0



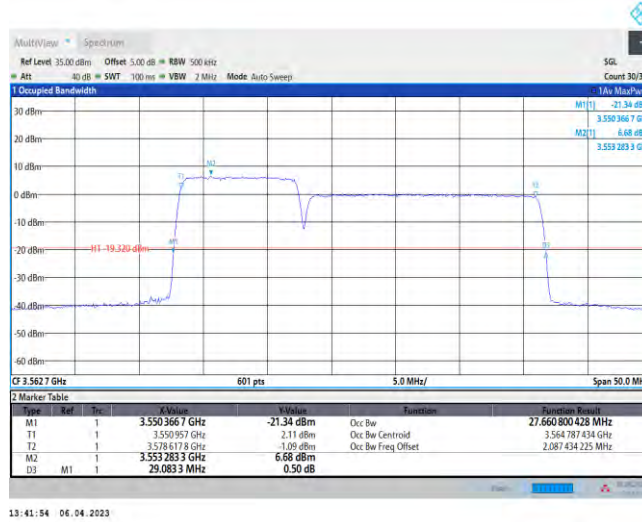
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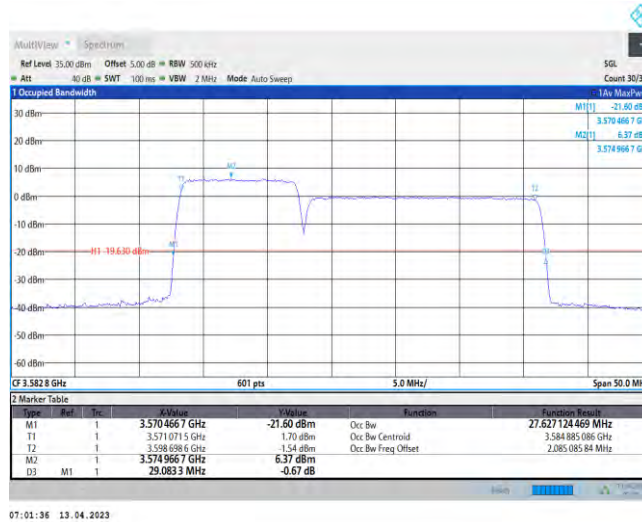
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42-42-10MHz-20MHz-64QAM-64QAM-43145-43289-50RB#0-100RB#0



42-42-10MHz-20MHz-64QAM-64QAM-43346-43490-50RB#0-100RB#0

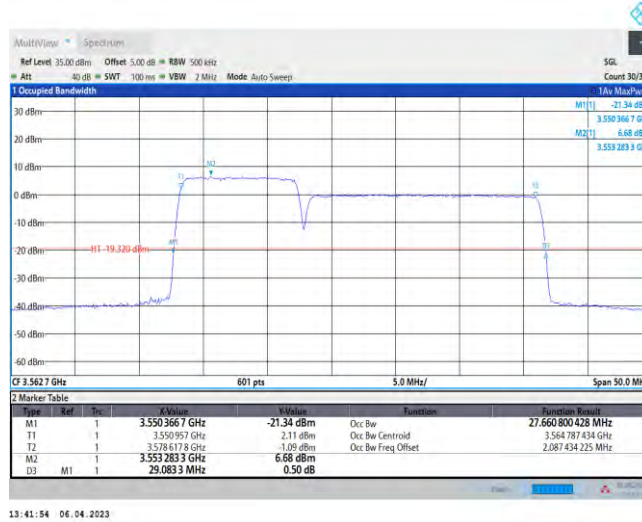


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42-42-10MHz-20MHz-64QAM-64QAM-43434-43390-50RB#0-100RB#0



13:41:54 06.04.2023

42-42-10MHz-20MHz-256QAM-256QAM-43145-43289-50RB#0-100RB#0



13:42:26 06.04.2023



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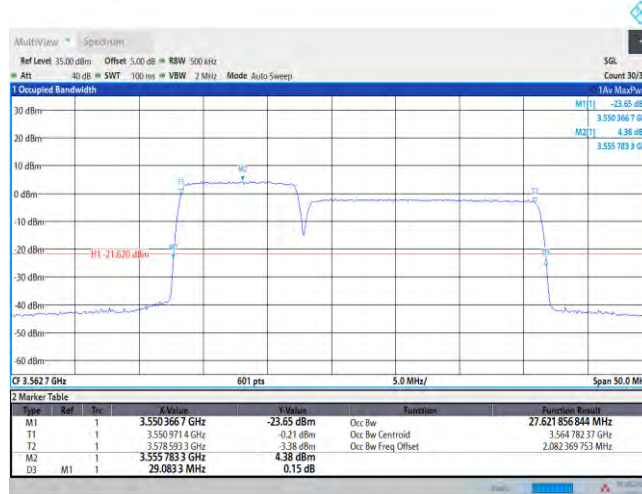
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42-42-10MHz-20MHz-256QAM-256QAM-43346-43490-50RB#0-100RB#0



07:02:08 13.04.2023

42-42-10MHz-20MHz-256QAM-256QAM-43434-43390-50RB#0-100RB#0



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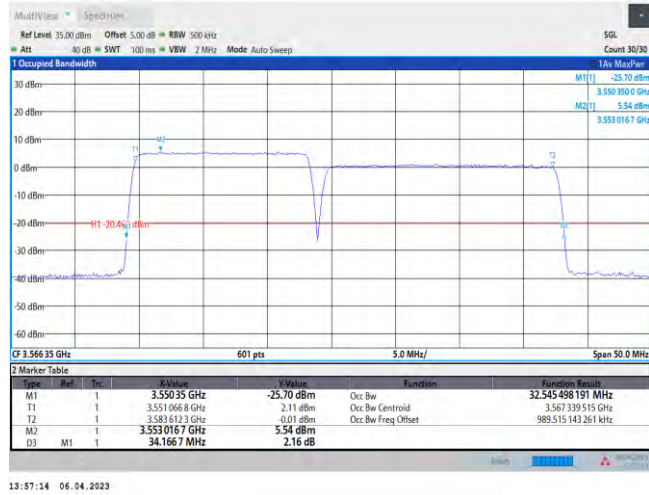


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42-42-15MHz-20MHz-QPSK-QPSK-43168-43339-75RB#0-100RB#0

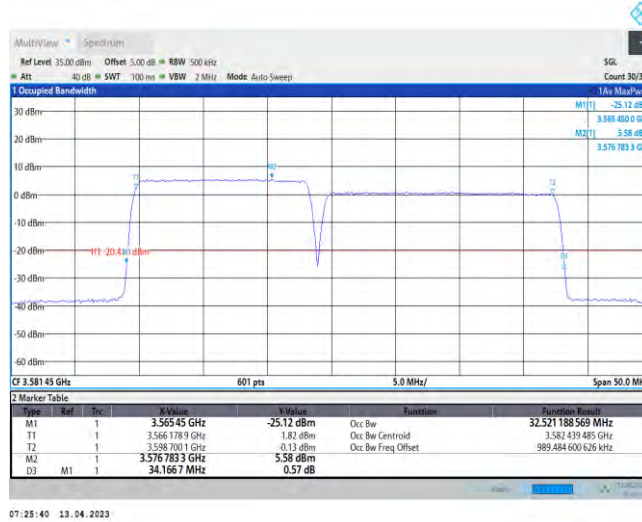


42-42-15MHz-20MHz-QPSK-QPSK-43319-43490-75RB#0-100RB#0



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42-42-15MHz-20MHz-QPSK-QPSK-43437-43414-75RB#0-100RB#0



42-42-15MHz-20MHz-16QAM-16QAM-43168-43339-75RB#0-100RB#0



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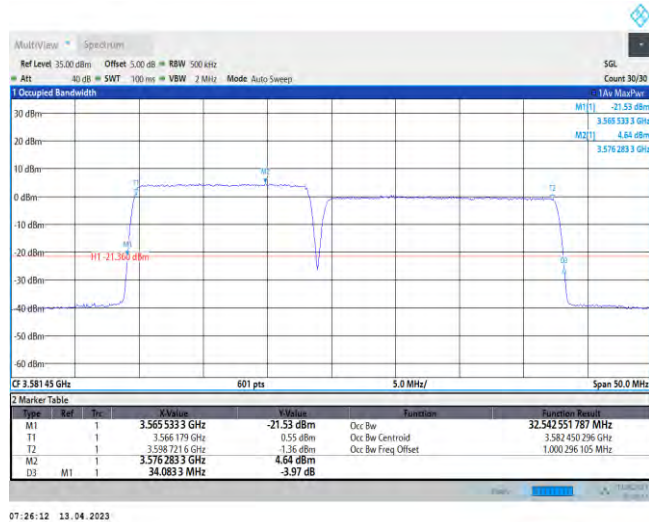
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42-42-15MHz-20MHz-16QAM-16QAM-43319-43490-75RB#0-100RB#0



42-42-15MHz-20MHz-16QAM-16QAM-43437-43414-75RB#0-100RB#0



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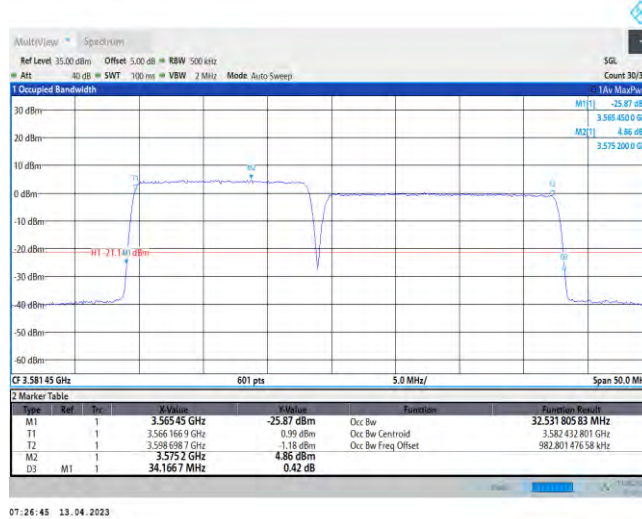
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42-42-15MHz-20MHz-64QAM-64QAM-43168-43339-75RB#0-100RB#0



42-42-15MHz-20MHz-64QAM-64QAM-43319-43490-75RB#0-100RB#0

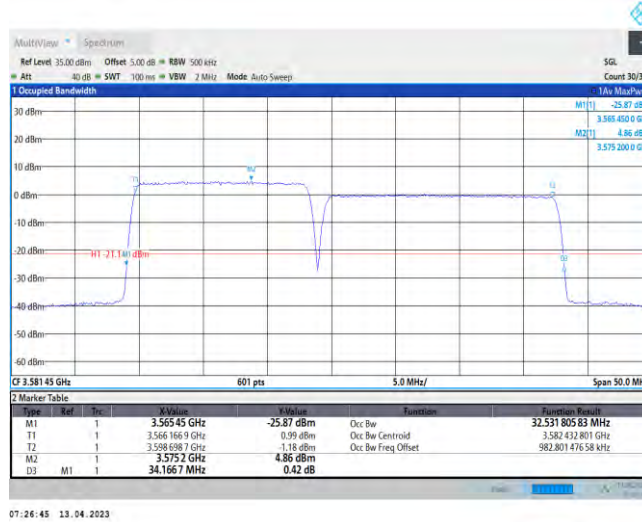


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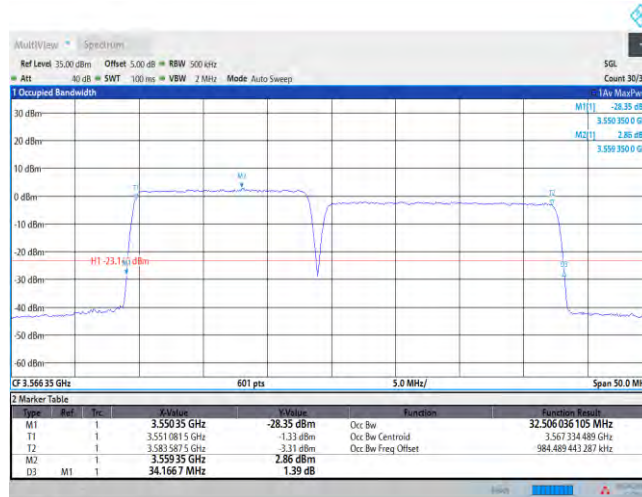
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42-42-15MHz-20MHz-64QAM-64QAM-43437-43414-75RB#0-100RB#0



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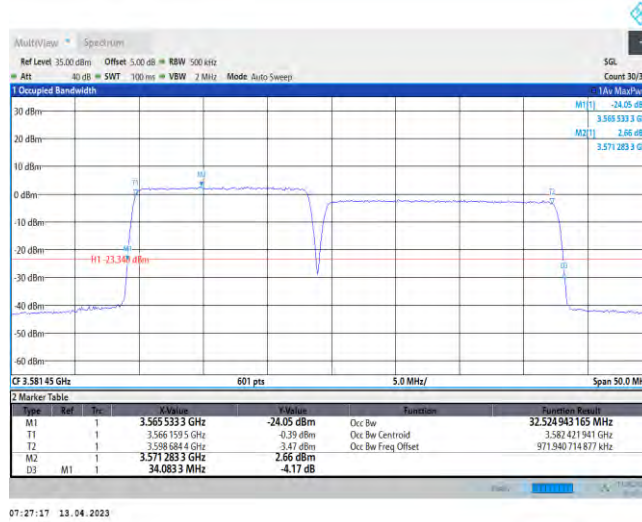


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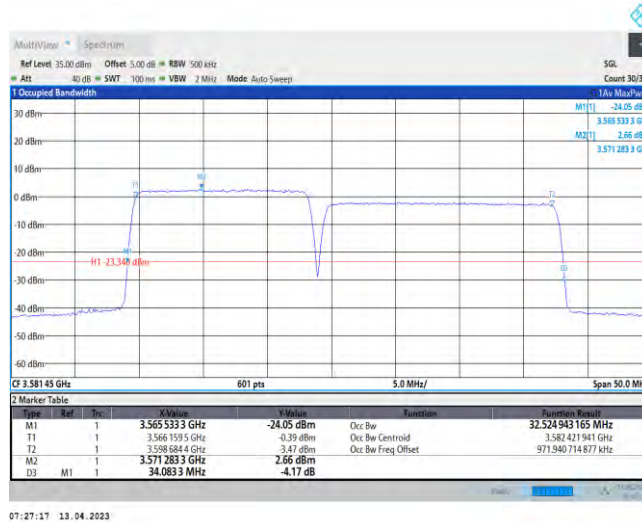


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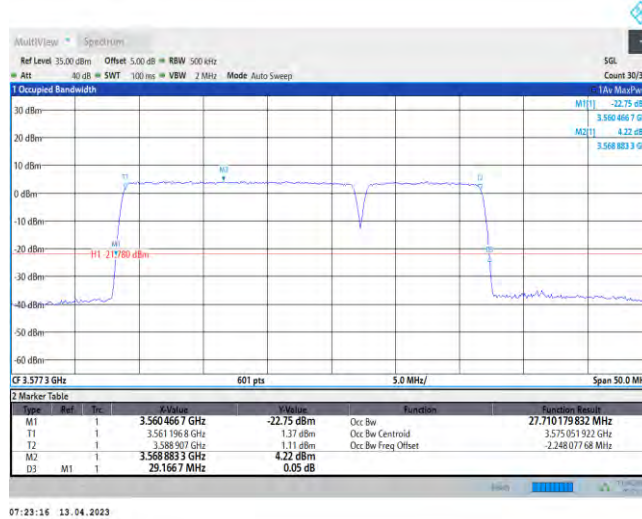


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42-42-20MHz-10MHz-QPSK-QPSK-43190-43334-100RB#0-50RB#0



42-42-20MHz-10MHz-QPSK-QPSK-43291-43435-100RB#0-50RB#0



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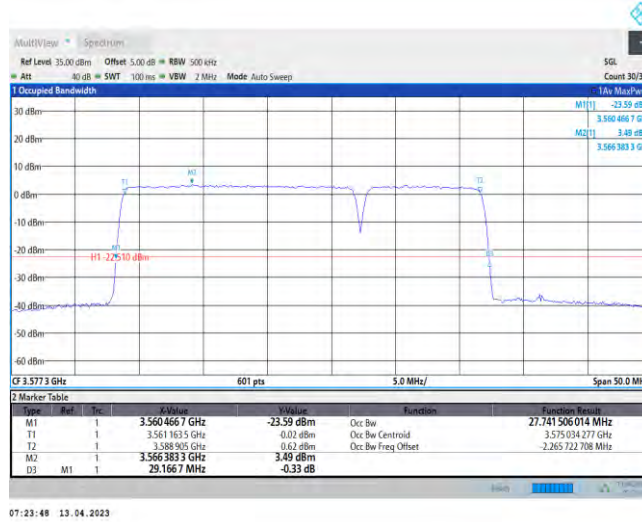


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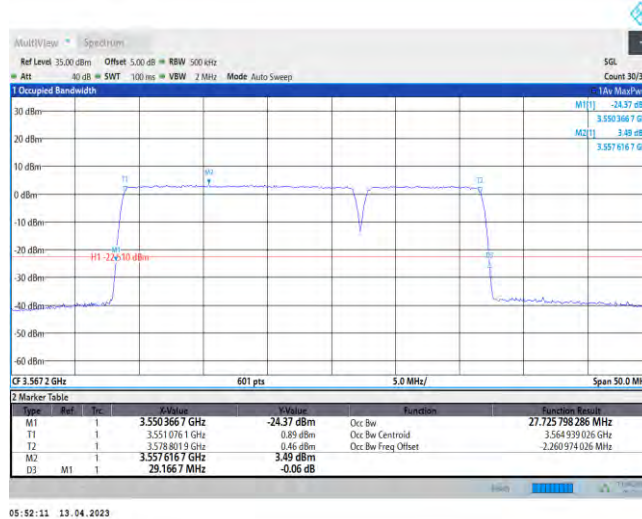
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42-42-20MHz-10MHz-64QAM-64QAM-43190-43334-100RB#0-50RB#0



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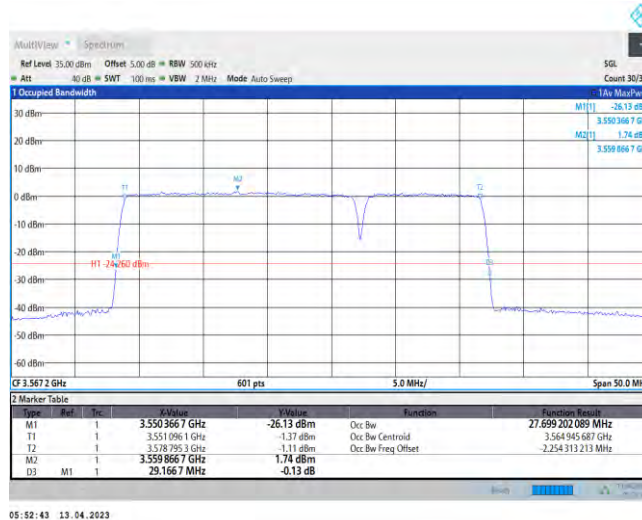
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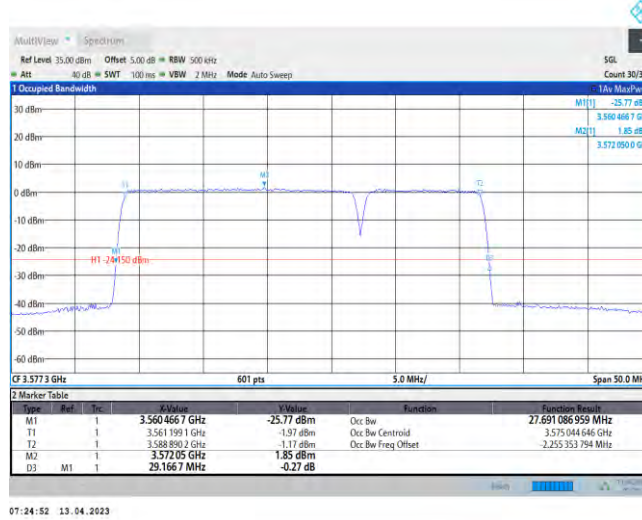
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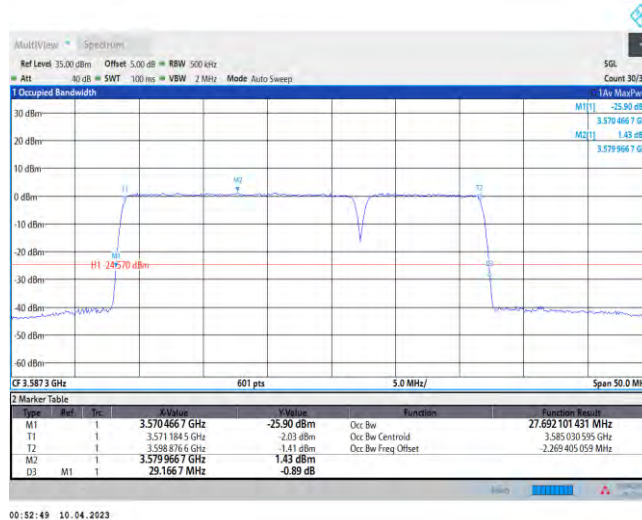
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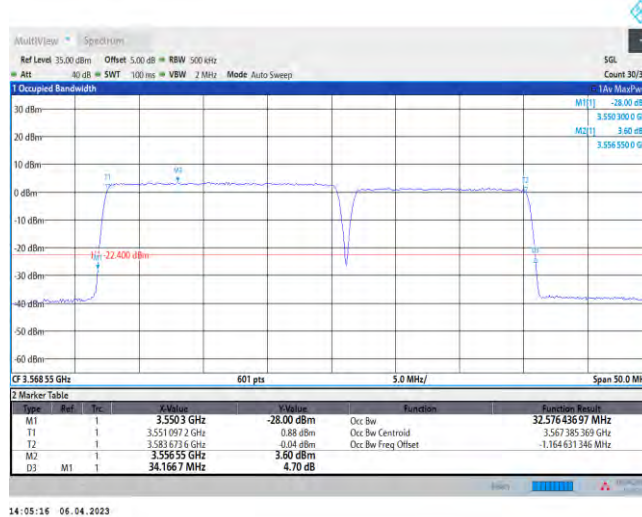


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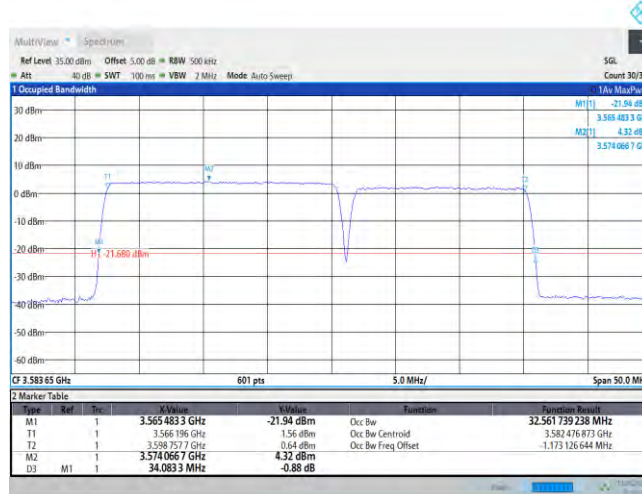
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14:05:16 06.04.2023

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07:29:01 13.04.2023



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42-42-20MHz-15MHz-QPSK-QPSK-43414-43437-100RB#0-75RB#0



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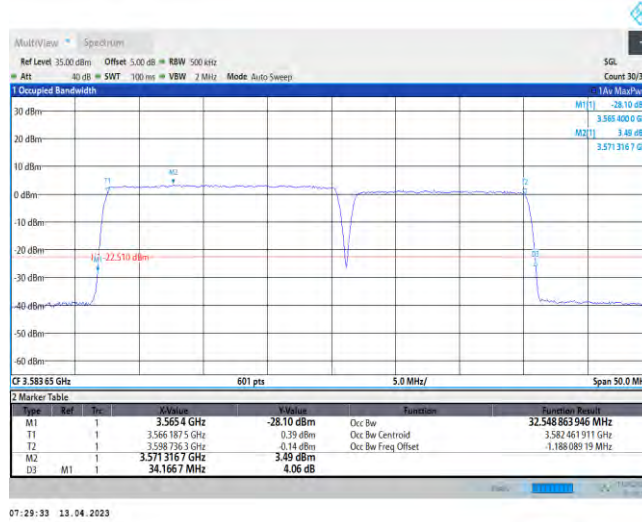


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42-42-20MHz-15MHz-16QAM-16QAM-43341-43512-100RB#0-75RB#0



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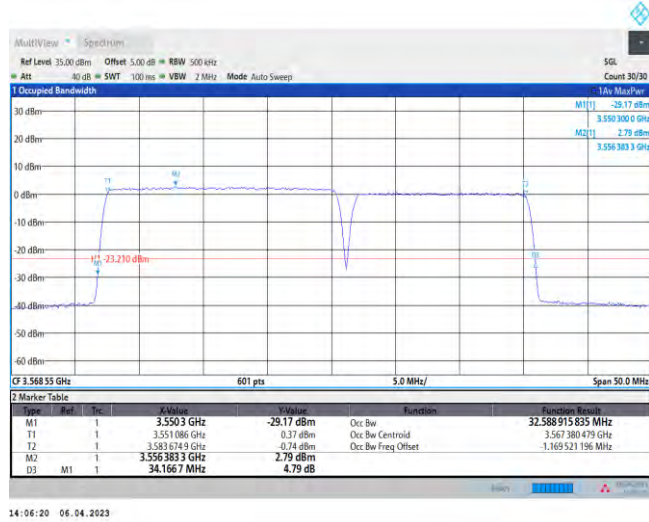


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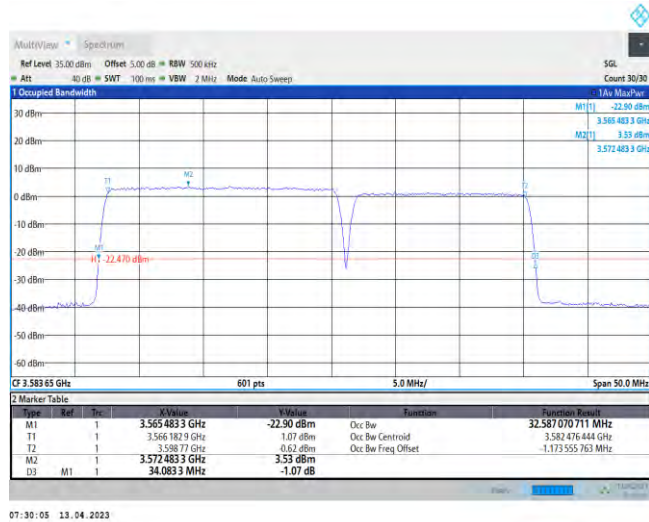
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42-42-20MHz-15MHz-64QAM-64QAM-43190-43361-100RB#0-75RB#0



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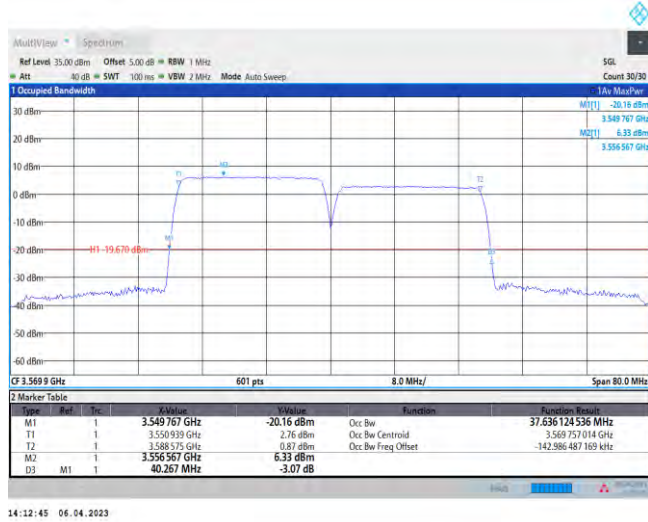
42-42-20MHz-15MHz-256QAM-256QAM-43414-43437-100RB#0-75RB#0



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42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-100RB#0-100RB#0



14:12:45 06.04.2023

42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-100RB#0-100RB#0



05:54:09 13.04.2023



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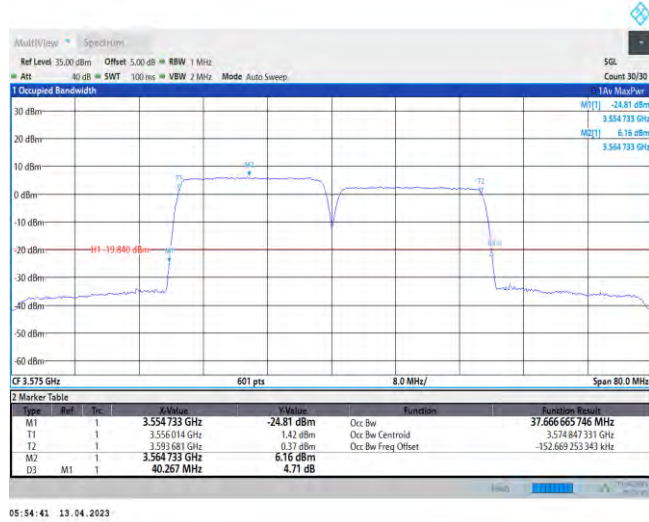


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42-42-20MHz-20MHz-16QAM-16QAM-43241-43439-100RB#0-100RB#0



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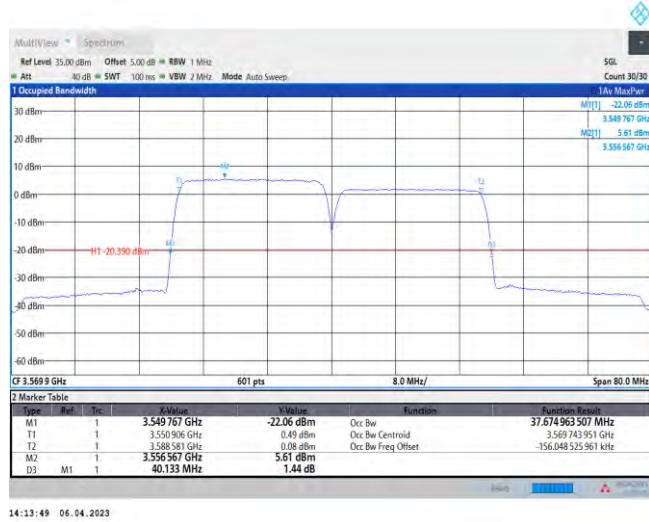


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42-42-20MHz-20MHz-64QAM-64QAM-43190-43388-100RB#0-100RB#0

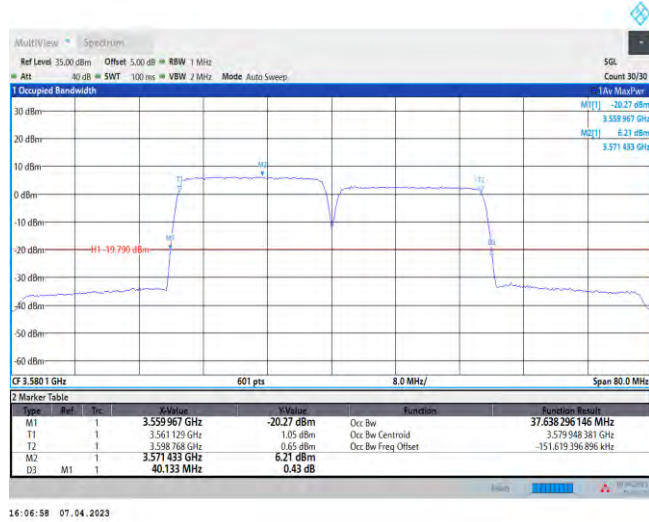


42-42-20MHz-20MHz-64QAM-64QAM-43241-43439-100RB#0-100RB#0



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42-42-20MHz-20MHz-64QAM-64QAM-43292-43490-100RB#0-100RB#0



16:06:58 07.04.2023

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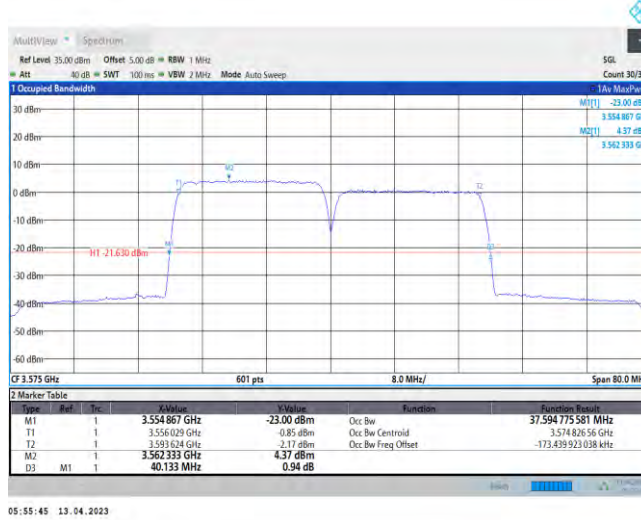


14:14:20 06.04.2023

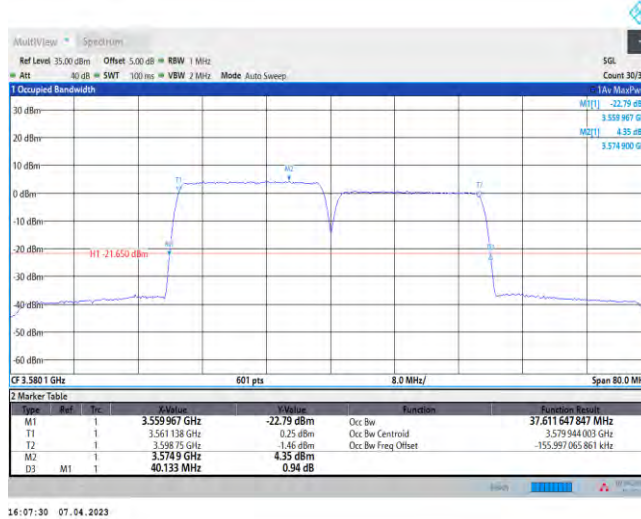


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42-42-20MHz-20MHz-256QAM-256QAM-43241-43439-100RB#0-100RB#0



42-42-20MHz-20MHz-256QAM-256QAM-43292-43490-100RB#0-100RB#0



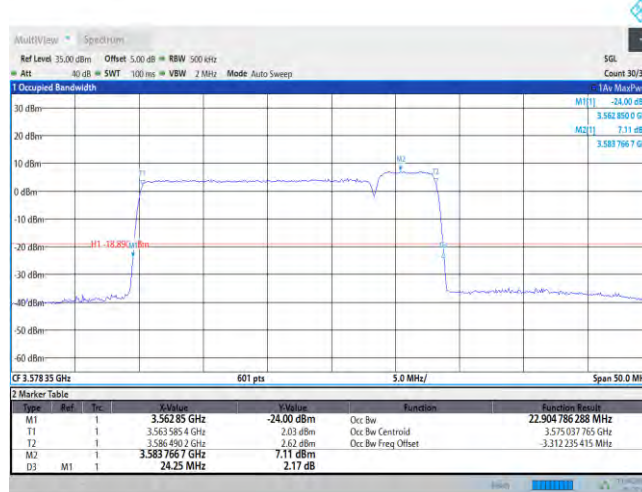
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42-42-20MHz-5MHz-QPSK-QPSK-43190-43307-100RB#0-25RB#0



13:33:13 06.04.2023

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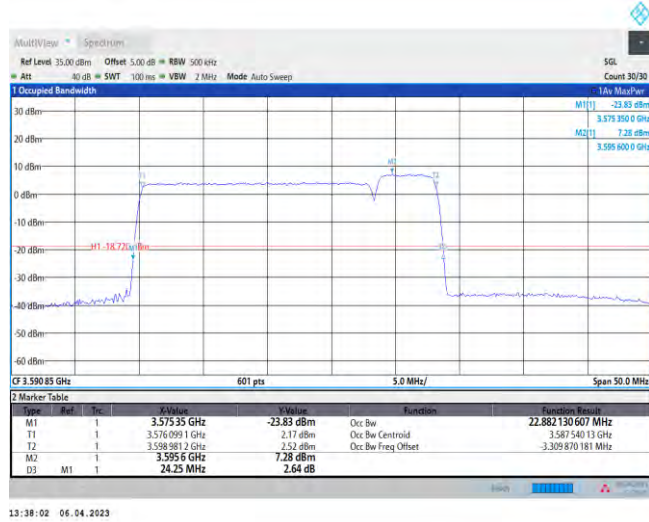
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42-42-20MHz-5MHz-QPSK-QPSK-43440-43557-100RB#0-25RB#0



42-42-20MHz-5MHz-16QAM-16QAM-43190-43307-100RB#0-25RB#0



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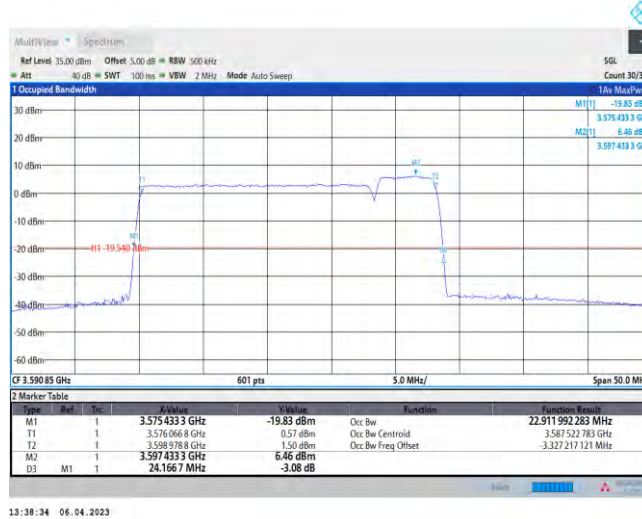
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42-42-20MHz-5MHz-16QAM-16QAM-43315-43432-100RB#0-25RB#0



06:58:15 13. 04. 2023

42-42-20MHz-5MHz-16QAM-16QAM-43440-43557-100RB#0-25RB#0



13:38:34 06. 04. 2023



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42-42-20MHz-5MHz-64QAM-64QAM-43315-43432-100RB#0-25RB#0



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42-42-20MHz-5MHz-64QAM-64QAM-43440-43557-100RB#0-25RB#0



42-42-20MHz-5MHz-256QAM-256QAM-43190-43307-100RB#0-25RB#0



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42-42-20MHz-5MHz-256QAM-256QAM-43315-43432-100RB#0-25RB#0



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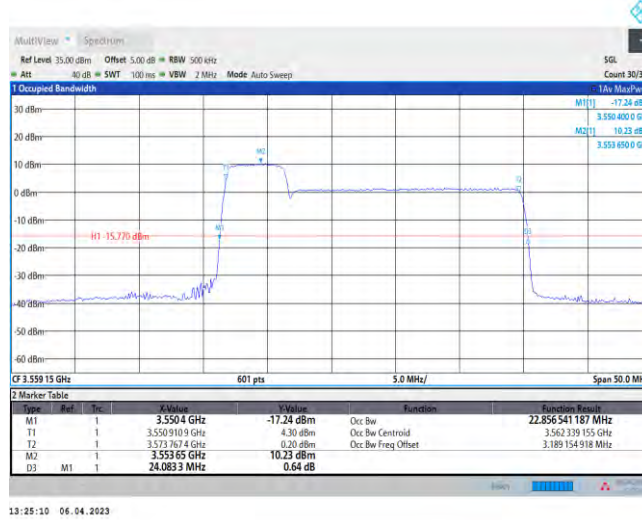


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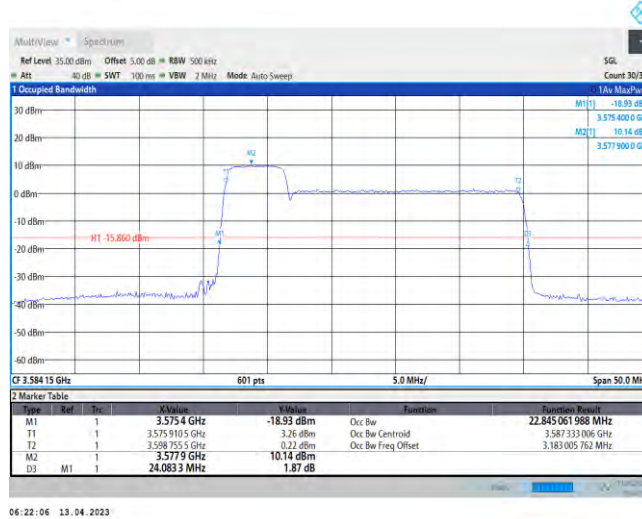
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42-42-5MHz-20MHz-QPSK-QPSK-43123-43240-25RB#0-100RB#0



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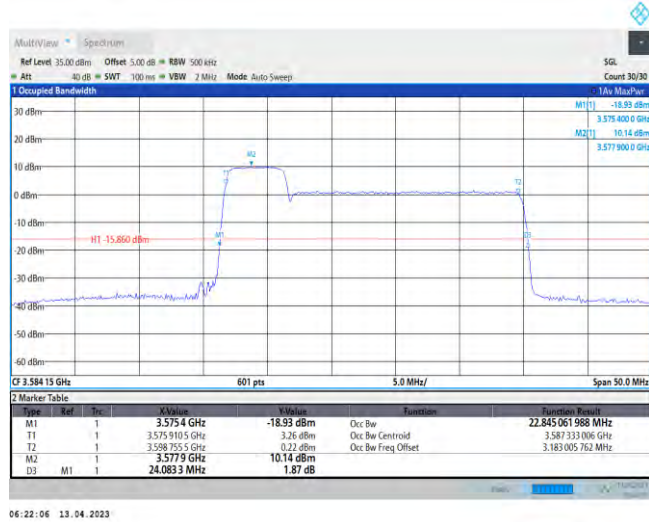


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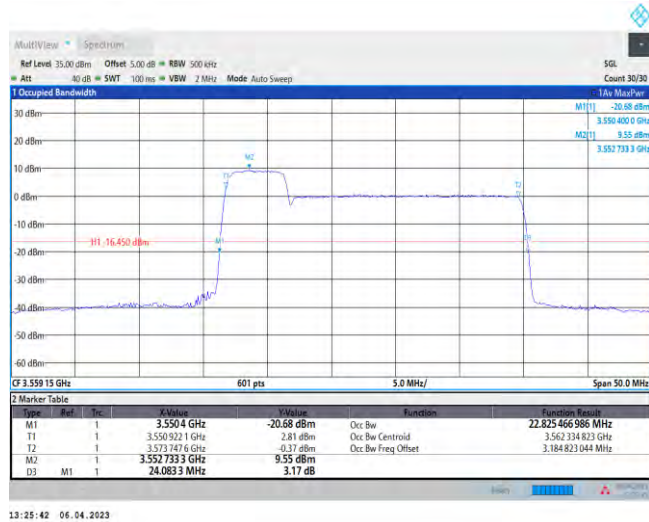
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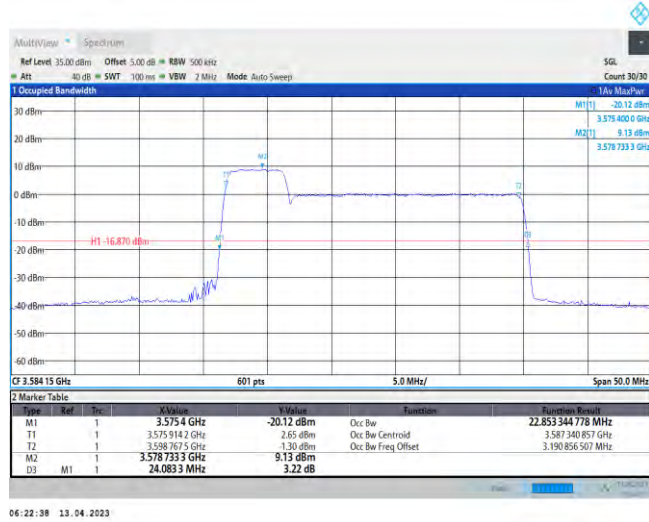
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42-42-5MHz-20MHz-16QAM-16QAM-43432-43365-25RB#0-100RB#0



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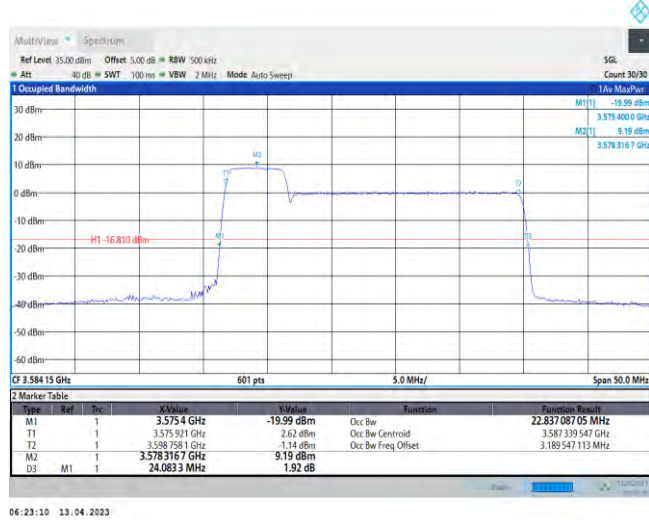
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42-42-5MHz-20MHz-64QAM-64QAM-43432-43365-25RB#0-100RB#0



42-42-5MHz-20MHz-256QAM-256QAM-43123-43240-25RB#0-100RB#0

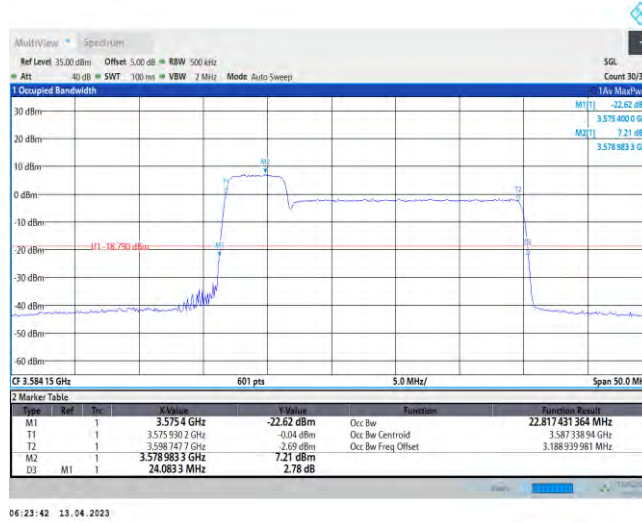


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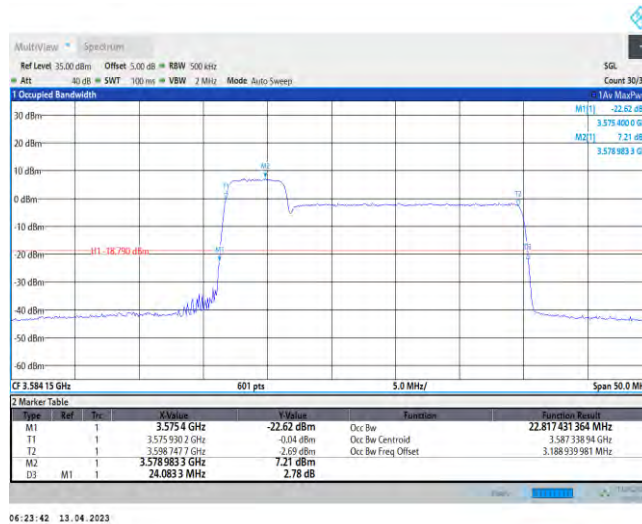
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42-42-5MHz-20MHz-256QAM-256QAM-43373-43490-25RB#0-100RB#0



42-42-5MHz-20MHz-256QAM-256QAM-43432-43365-25RB#0-100RB#0

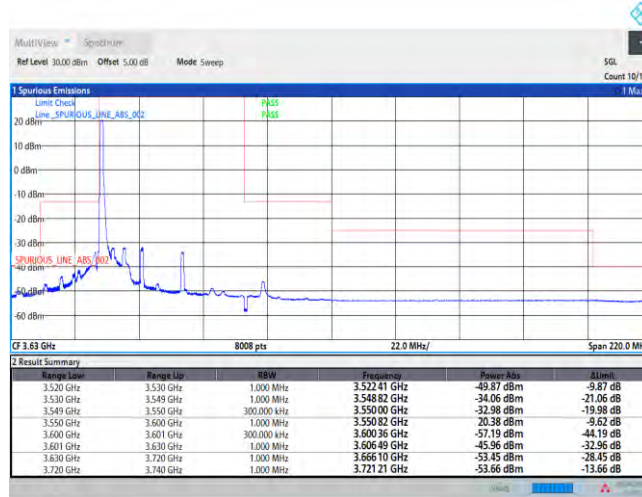


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Band Edge

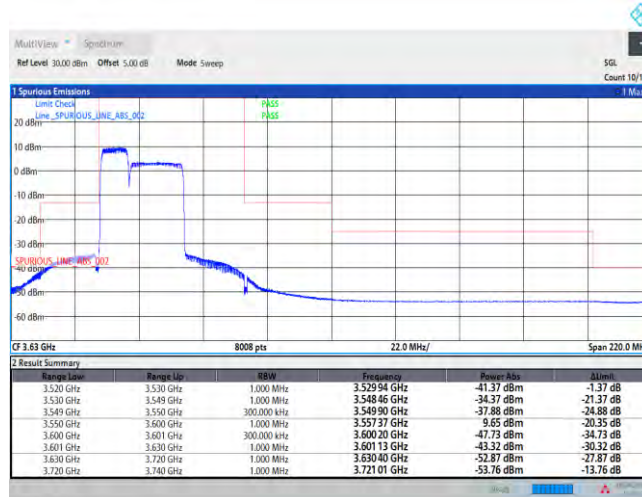
Test Graphs

42-42-10MHz-20MHz-QPSK-QPSK-43145-43289-1RB#0-0RB#0



14:40:56 06.04.2023

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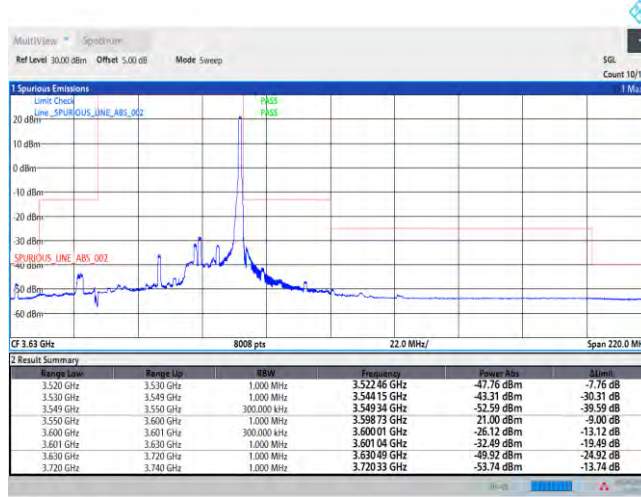
14:42:50 06.04.2023



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42-42-10MHz-20MHz-QPSK-QPSK-43346-43490-0RB#0-1RB#99



14:44:59 06.04.2023

42-42-10MHz-20MHz-QPSK-QPSK-43346-43490-50RB#0-100RB#0



14:46:53 06.04.2023



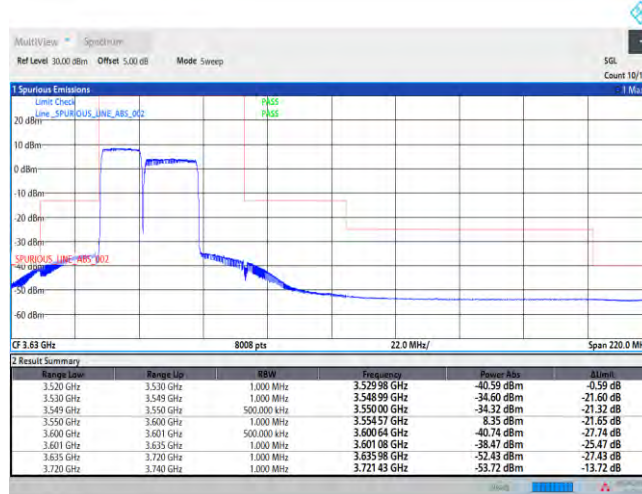
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42-42-15MHz-20MHz-QPSK-QPSK-43168-43339-1RB#0-0RB#0



14:49:01 06.04.2023

42-42-15MHz-20MHz-QPSK-QPSK-43168-43339-75RB#0-100RB#0



14:50:55 06.04.2023

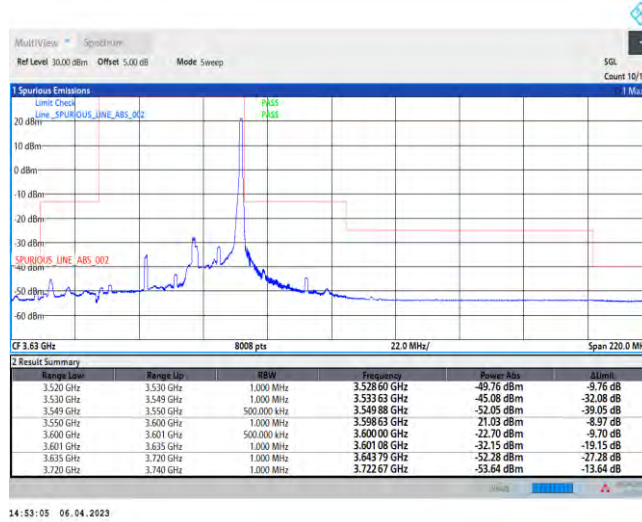


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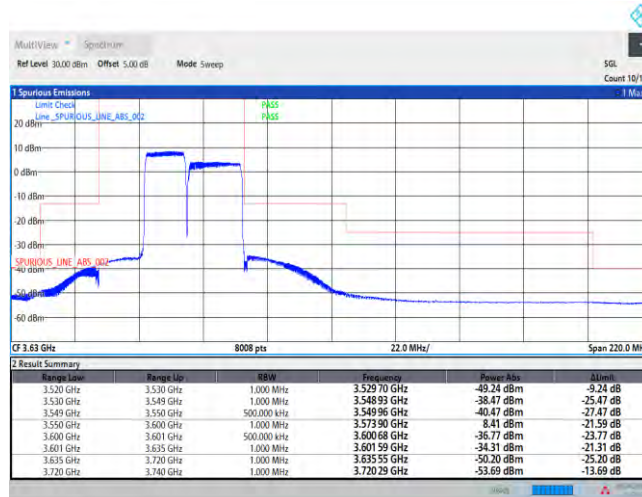
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42-42-15MHz-20MHz-QPSK-QPSK-43319-43490-0RB#0-1RB#99



14:53:05 06.04.2023

42-42-15MHz-20MHz-QPSK-QPSK-43319-43490-75RB#0-100RB#0



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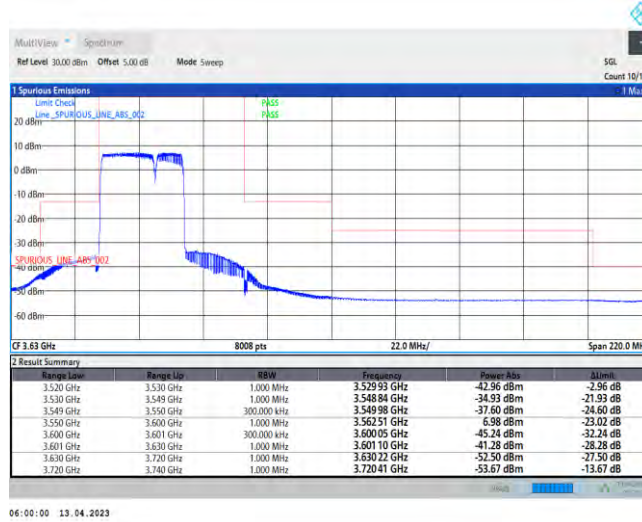


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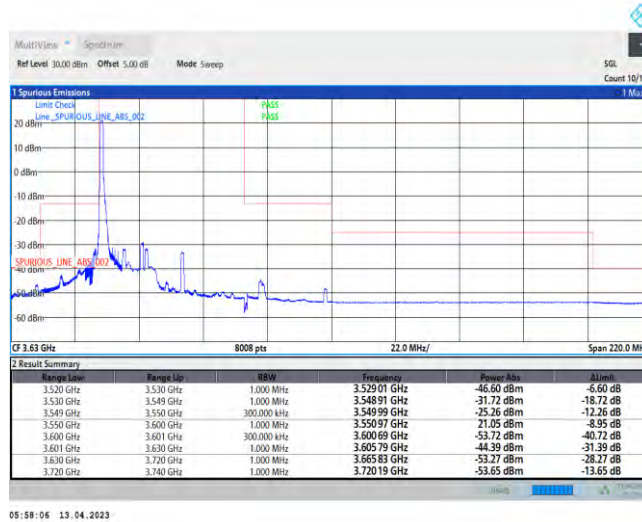
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42-42-20MHz-10MHz-QPSK-QPSK-43190-43334-100RB#0-50RB#0



42-42-20MHz-10MHz-QPSK-QPSK-43190-43334-1RB#0-0RB#0

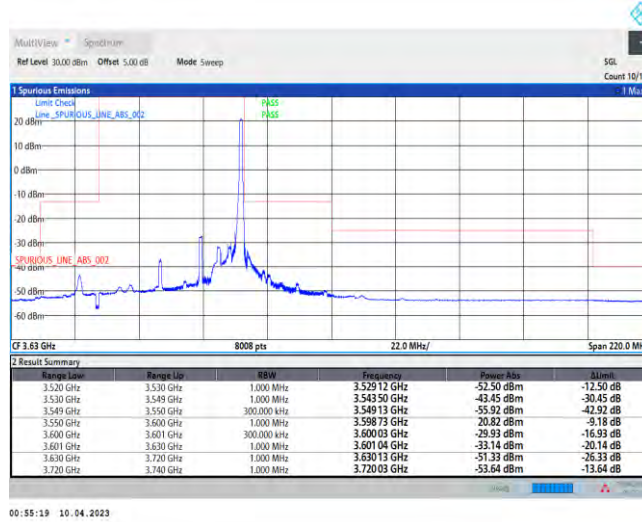


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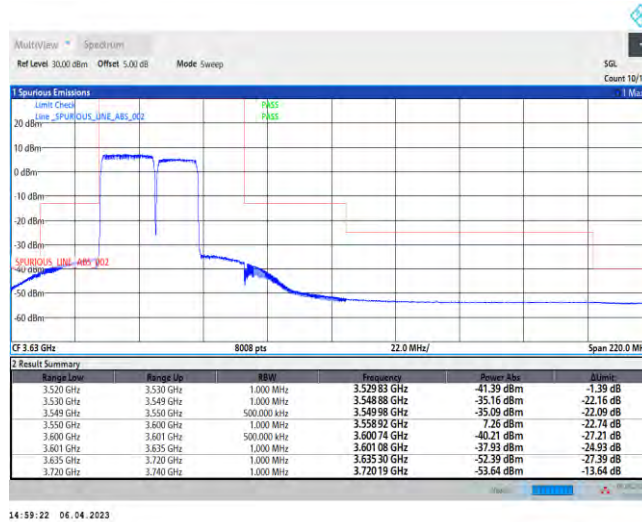
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42-42-20MHz-10MHz-QPSK-QPSK-43391-43535-0RB#0-1RB#49



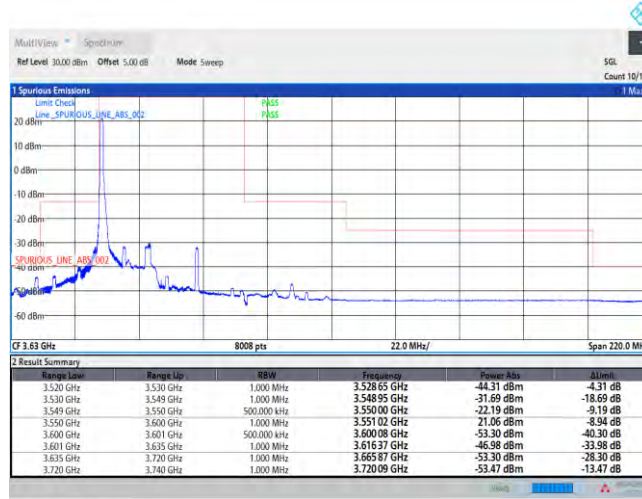
42-42-20MHz-15MHz-QPSK-QPSK-43190-43361-100RB#0-75RB#0



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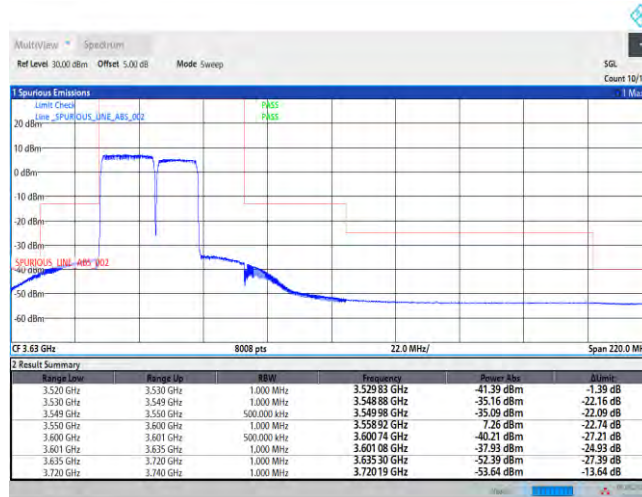
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42-42-20MHz-15MHz-QPSK-QPSK-43190-43361-1RB#0-0RB#0



14:57:28 06.04.2023

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14:59:22 06.04.2023

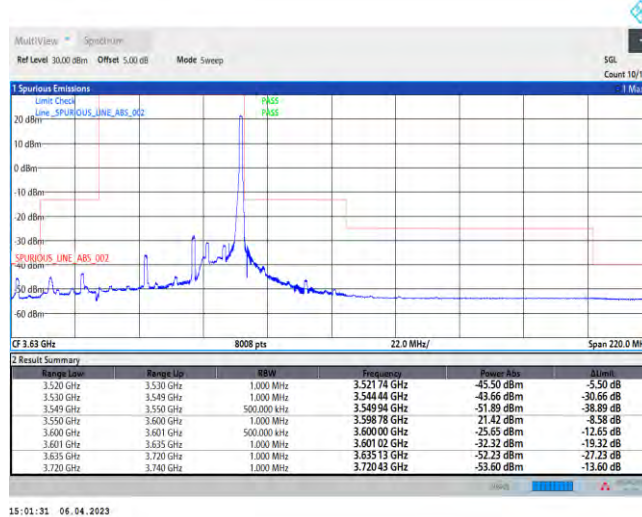


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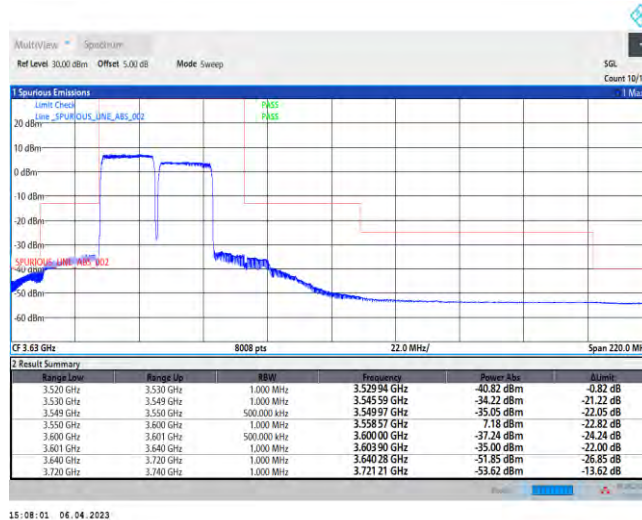
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42-42-20MHz-15MHz-QPSK-QPSK-43341-43512-0RB#0-1RB#74

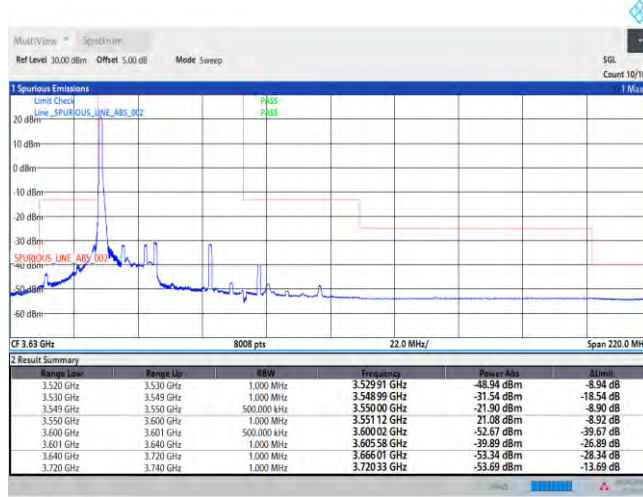


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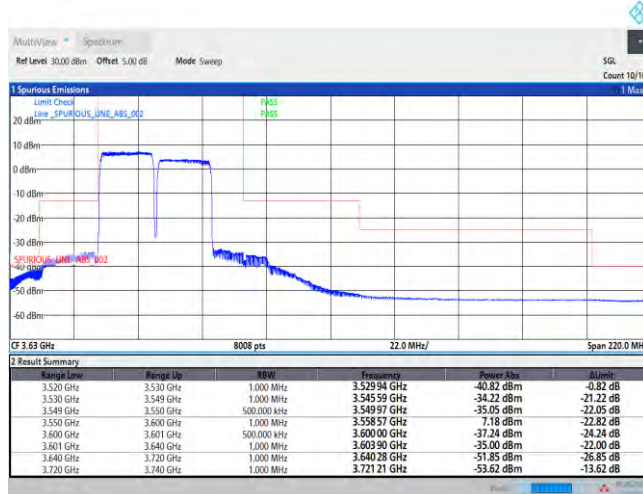
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42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-1RB#0-0RB#0



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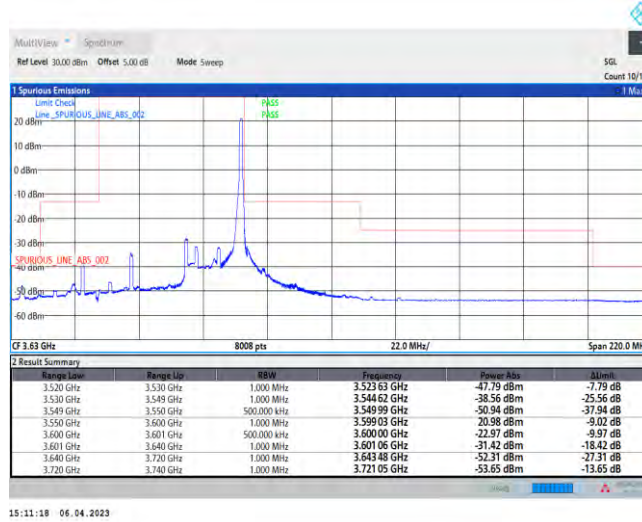


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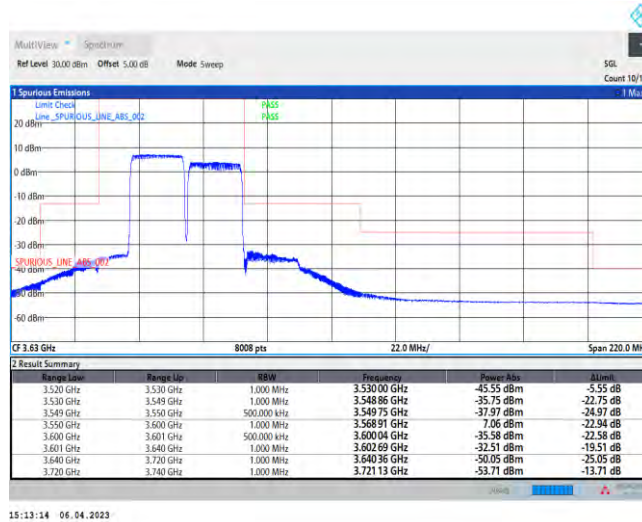
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42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-0RB#0-1RB#99

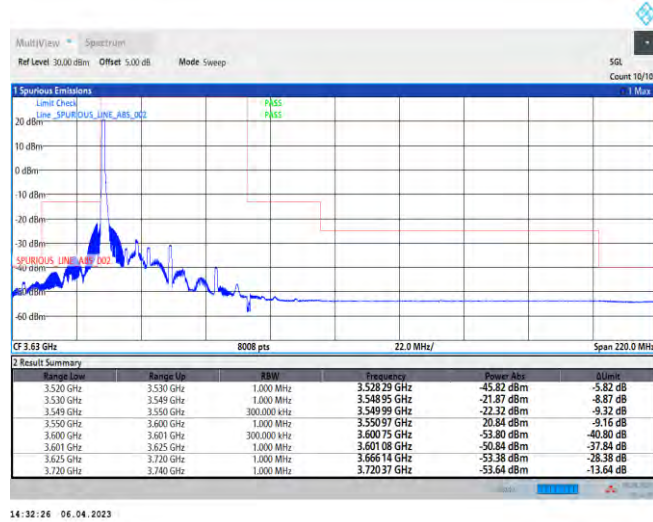


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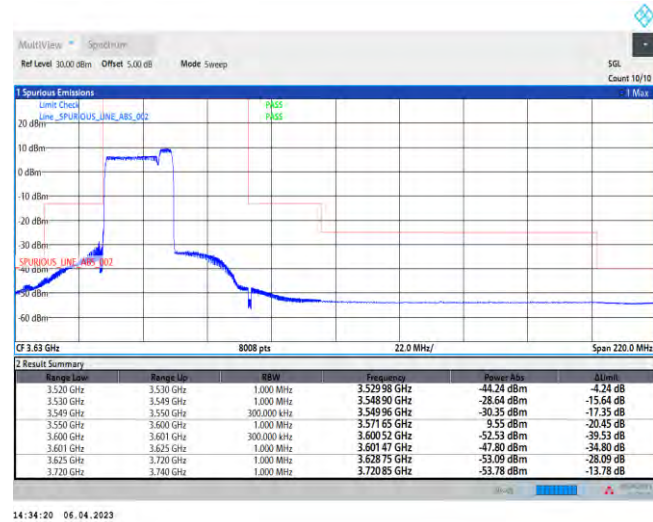


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42-42-20MHz-5MHz-QPSK-QPSK-43190-43307-1RB#0-0RB#0

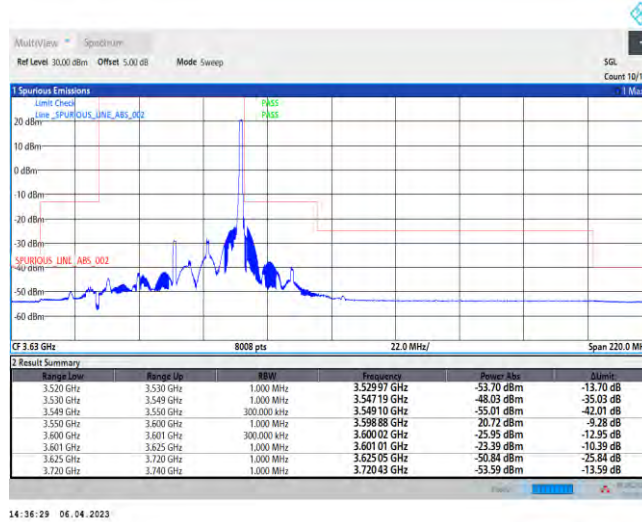


42-42-20MHz-5MHz-QPSK-QPSK-43190-43307-100RB#0-25RB#0

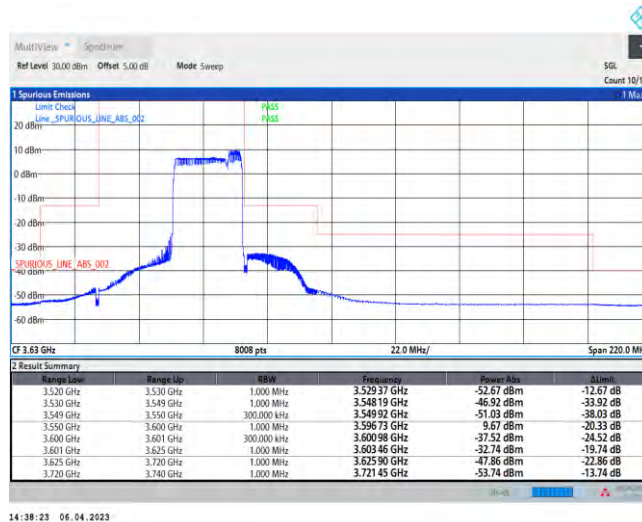


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42-42-20MHz-5MHz-QPSK-QPSK-43440-43557-0RB#0-1RB#24



42-42-20MHz-5MHz-QPSK-QPSK-43440-43557-100RB#0-25RB#0

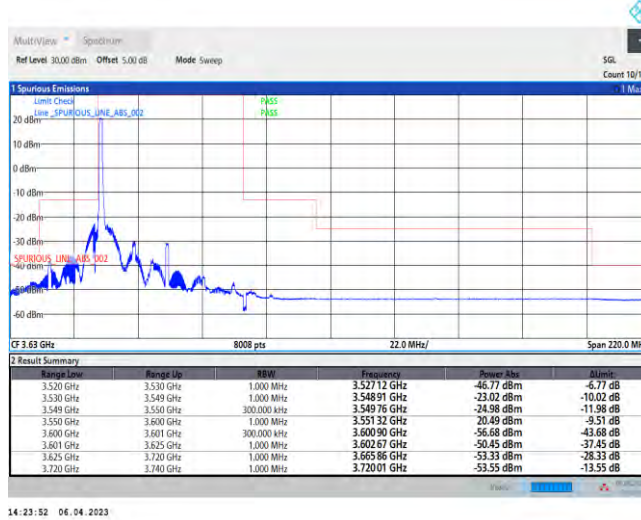


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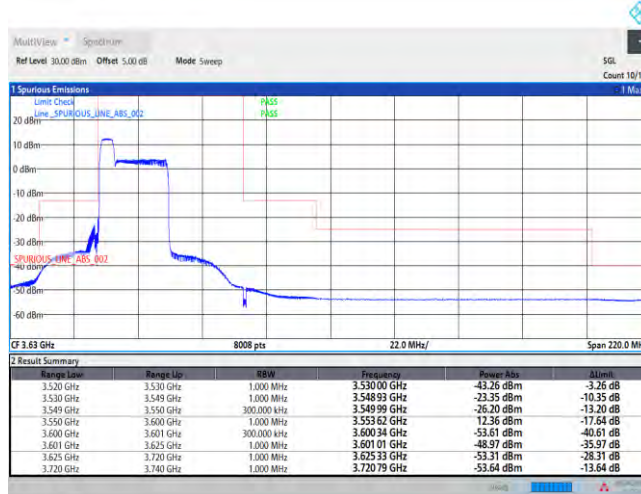
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

42-42-5MHz-20MHz-QPSK-QPSK-43123-43240-1RB#0-0RB#0



14:23:52 06.04.2023

42-42-5MHz-20MHz-QPSK-QPSK-43123-43240-25RB#0-100RB#0



14:25:48 06.04.2023

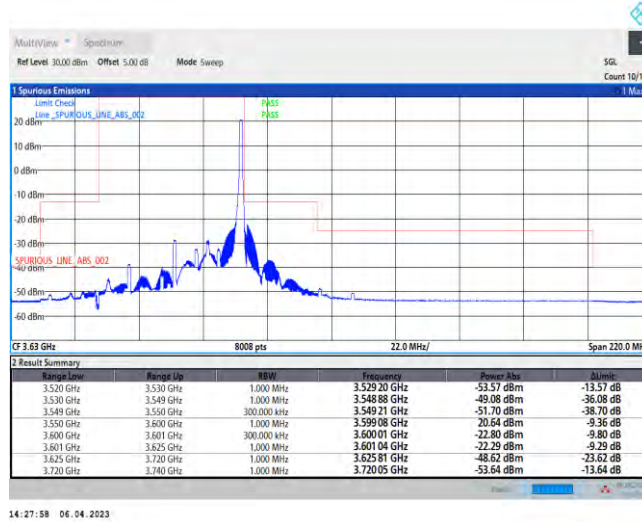


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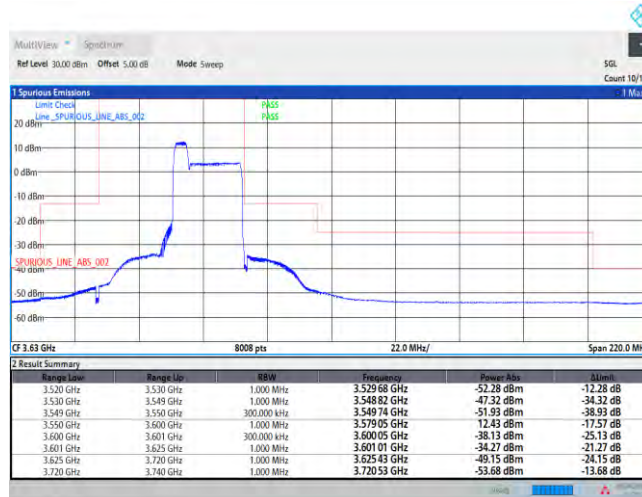
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

42-42-5MHz-20MHz-QPSK-QPSK-43373-43490-0RB#0-1RB#99



14:27:58 06.04.2023

42-42-5MHz-20MHz-QPSK-QPSK-43373-43490-25RB#0-100RB#0



14:29:53 06.04.2023



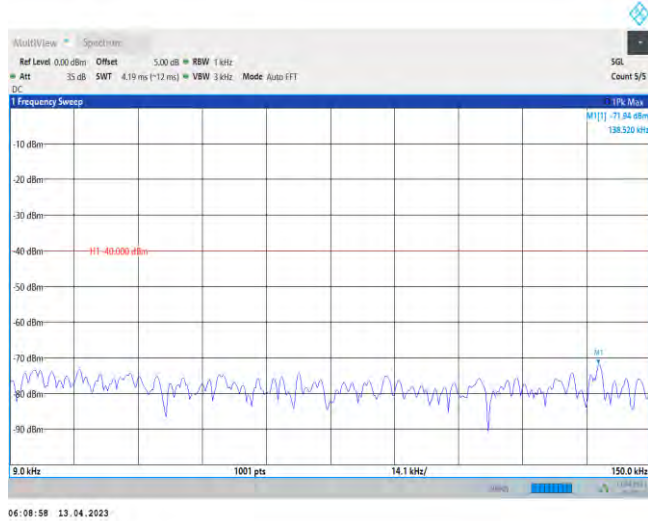
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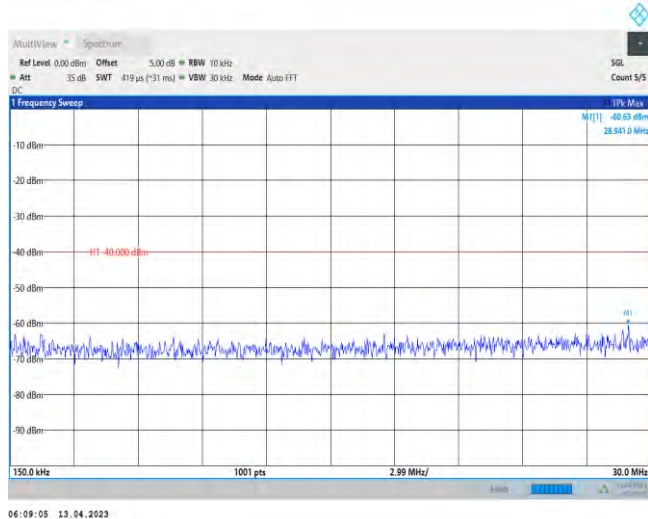
Conducted Spurious Emission

Test Graphs

42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-1RB#0-0RB#0-0.009~0.15MHz

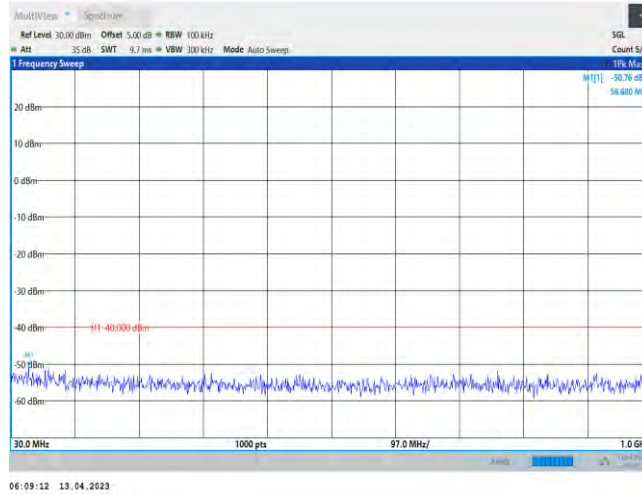


42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-1RB#0-0RB#0-0.15~30MHz

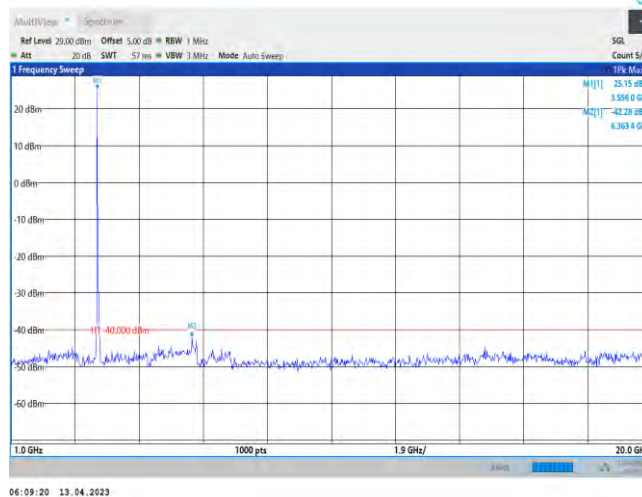


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42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-1RB#0-0RB#0-30~1000MHz

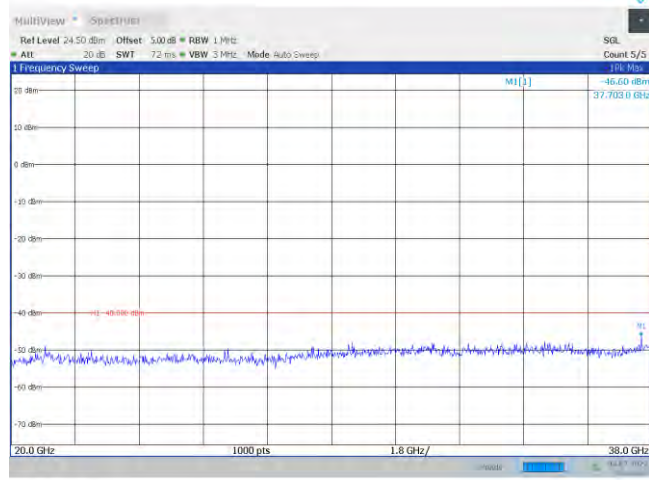


42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-1RB#0-0RB#0-1000~20000MHz



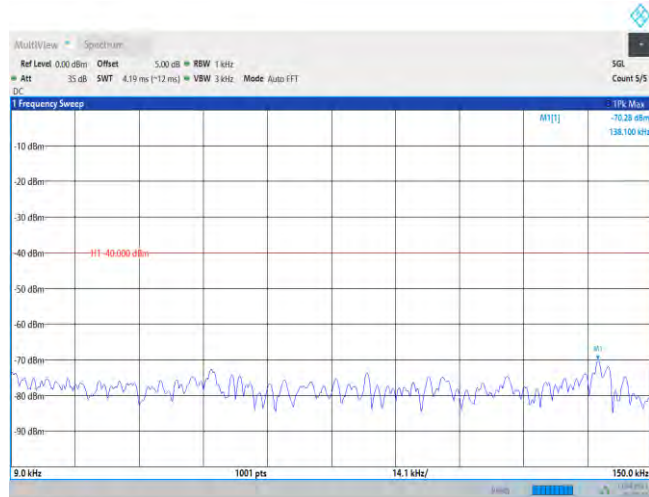
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42-42-20MHz-20MHz-QPSK-QPSK-43190-43388-1RB#0-0RB#0-20000~38000MHz



08:23:33 21. 03. 2023

42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-1RB#0-0RB#0-0.009~0.15MHz

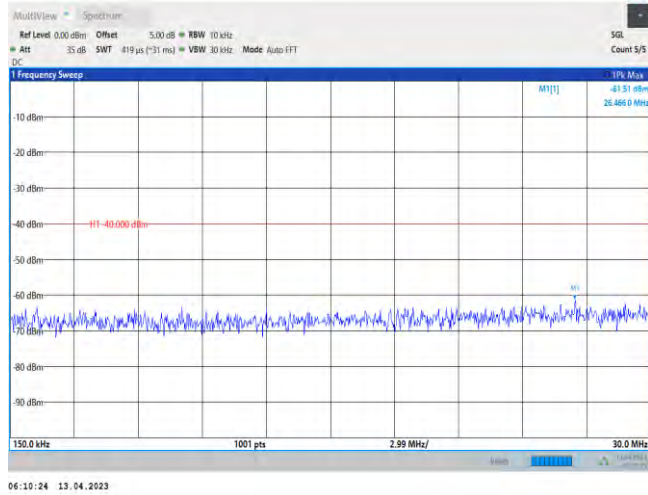


06:10:16 13. 04. 2023



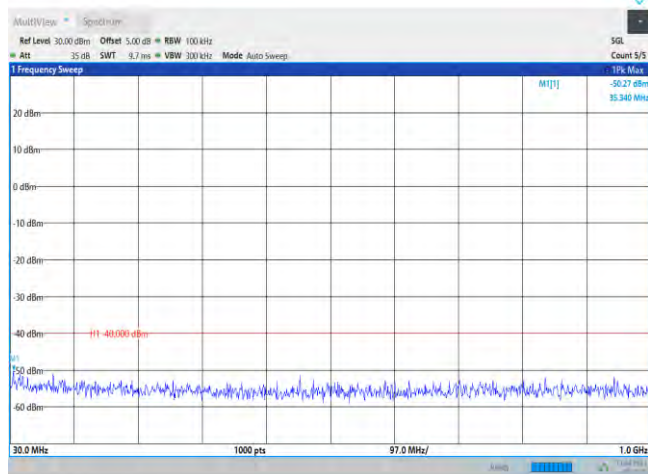
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42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-1RB#0-0RB#0-0.15~30MHz



06:10:24 13.04.2023

42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-1RB#0-0RB#0-30~1000MHz

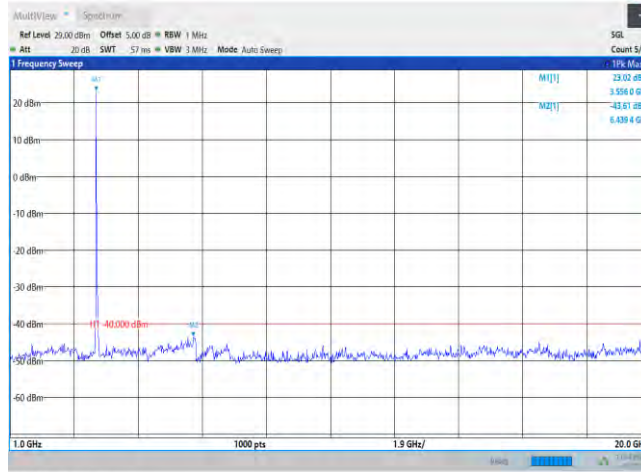


06:10:31 13.04.2023



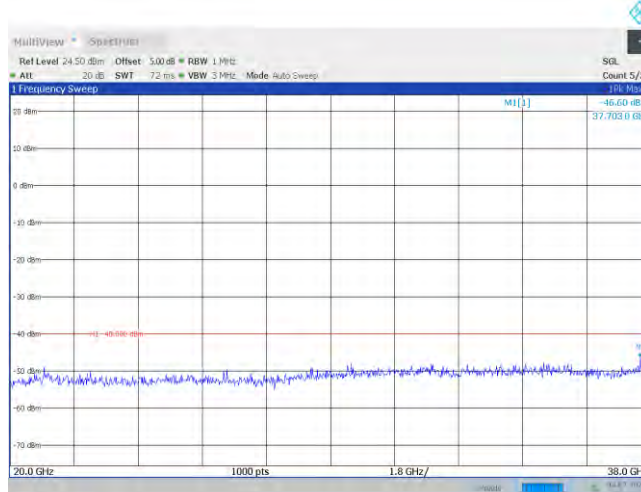
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42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-1RB#0-0RB#0-1000~20000MHz



06:10:39 13.04.2023

42-42-20MHz-20MHz-QPSK-QPSK-43241-43439-1RB#0-0RB#0-20000~38000MHz

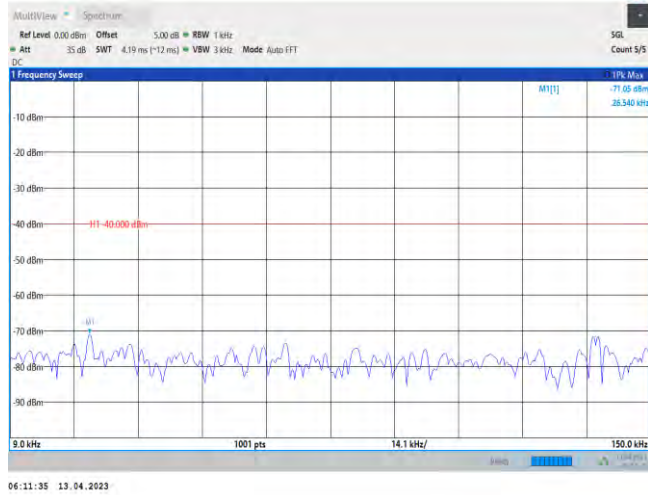


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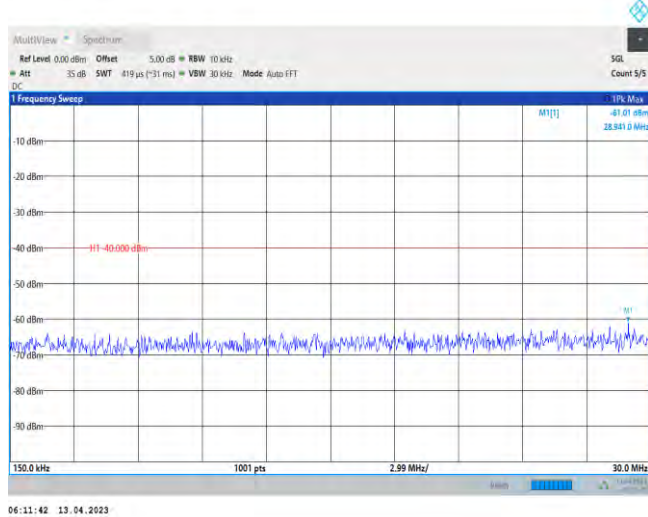


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42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-1RB#0-0RB#0-0.009~0.15MHz

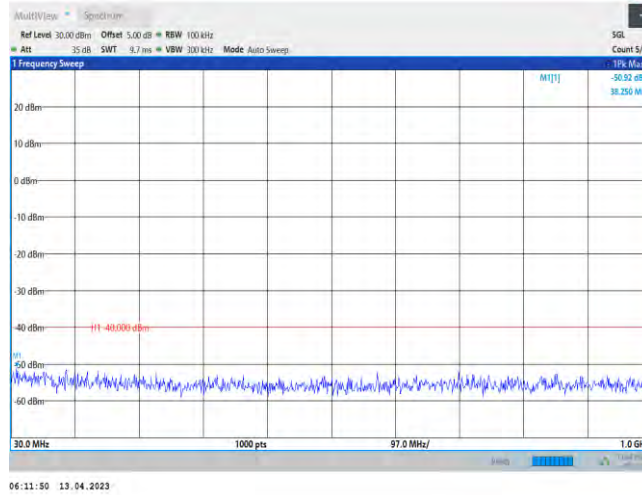


42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-1RB#0-0RB#0-0.15~30MHz

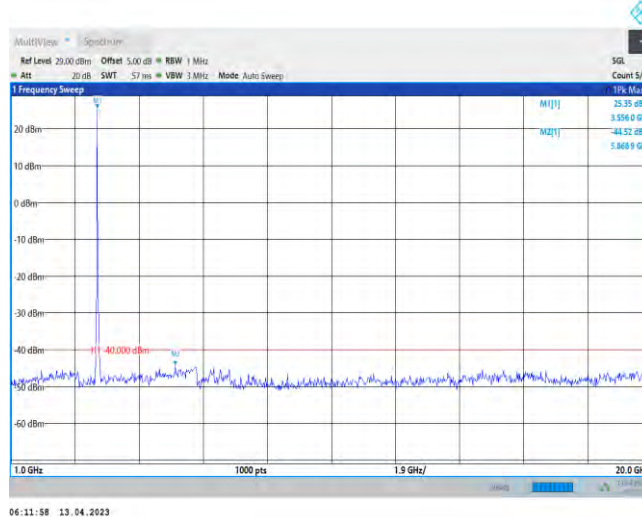


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42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-1RB#0-0RB#0-30~1000MHz



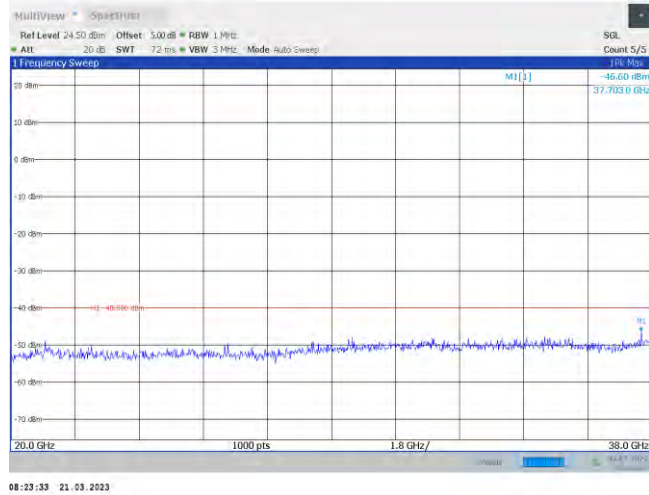
42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-1RB#0-0RB#0-1000~20000MHz



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42-42-20MHz-20MHz-QPSK-QPSK-43292-43490-1RB#0-0RB#0-20000~38000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 42C 3550-3600_ 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	7102.1800	40.83	-43.66	36.35	-61.74	-40.00	21.74	307	269	Horizontal
2	8408.425	41.08	-41.41	37.35	-58.24	-40.00	18.24	268	120	Horizontal
3	9561.875	37.46	-39.49	38.45	-58.84	-40.00	18.84	144	135	Horizontal
4	10653.2700	34.26	-37.73	39.10	-59.63	-40.00	19.63	216	255	Horizontal
5	14204.3600	30.95	-35.33	40.23	-59.42	-40.00	19.42	209	195	Horizontal
6	17755.4500	33.91	-33.78	40.53	-54.59	-40.00	14.59	221	240	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	7102.025	47.50	-43.66	36.35	-55.07	-40.00	15.07	325	112	Vertical
2	8281.35	42.29	-41.92	37.18	-57.71	-40.00	17.71	163	189	Vertical
3	9406.625	38.08	-39.92	38.49	-58.61	-40.00	18.61	254	357	Vertical
4	10653.2700	34.84	-37.73	39.10	-59.05	-40.00	19.05	189	151	Vertical
5	14218.8	34.92	-35.41	40.22	-55.54	-40.00	15.54	211	24	Vertical
6	17755.4500	33.49	-33.78	40.53	-55.01	-40.00	15.01	132	74	Vertical



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Test Band = LTE Band 42C 3550-3600_ 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	7132.1800	41.45	-43.64	36.42	-61.03	-40.00	21.03	291	352	Horizontal
2	8423.95	40.21	-41.47	37.38	-59.14	-40.00	19.14	265	14	Horizontal
3	10698.2700	33.56	-37.50	39.14	-60.06	-40.00	20.06	203	226	Horizontal
4	12839.95	33.41	-36.72	39.67	-58.90	-40.00	18.90	197	317	Horizontal
5	14264.3600	30.72	-35.67	40.18	-60.03	-40.00	20.03	223	197	Horizontal
6	17830.4500	33.22	-34.45	41.04	-55.45	-40.00	15.45	153	163	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	7187.7	44.78	-43.62	36.57	-57.53	-40.00	17.53	259	196	Vertical
2	8281.35	42.27	-41.92	37.18	-57.73	-40.00	17.73	126	196	Vertical
3	10698.2700	33.44	-37.50	39.14	-60.18	-40.00	20.18	201	4	Vertical
4	12499.55	35.29	-36.95	39.17	-57.75	-40.00	17.75	314	30	Vertical
5	14264.3600	30.47	-35.67	40.18	-60.28	-40.00	20.28	165	3	Vertical
6	17830.4500	33.17	-34.45	41.04	-55.50	-40.00	15.50	210	301	Vertical



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Test Band = LTE Band 42C 3550-3600_ 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	7162.1800	40.15	-43.63	36.50	-62.24	-40.00	22.24	295	319	Horizontal
2	8427.975	40.34	-41.49	37.39	-59.02	-40.00	19.02	214	169	Horizontal
3	9297.375	37.91	-40.07	38.41	-59.00	-40.00	19.00	115	29	Horizontal
4	10743.2700	34.32	-37.92	39.17	-59.68	-40.00	19.68	168	360	Horizontal
5	14324.3600	31.37	-35.67	40.14	-59.42	-40.00	19.42	214	231	Horizontal
6	17905.4500	33.96	-34.75	41.58	-54.48	-40.00	14.48	132	311	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	7162.1800	40.26	-43.63	36.50	-62.13	-40.00	22.13	207	148	Vertical
2	7968.55	44.38	-42.32	36.97	-56.23	-40.00	16.23	184	360	Vertical
3	9265.175	38.23	-40.03	38.39	-58.67	-40.00	18.67	225	74	Vertical
4	10743.2700	33.54	-37.92	39.17	-60.46	-40.00	20.46	263	360	Vertical
5	14324.3600	31.91	-35.67	40.14	-58.88	-40.00	18.88	124	329	Vertical
6	17905.4500	33.23	-34.75	41.58	-55.21	-40.00	15.21	185	74	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
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	VH	NT	-4.10	-0.005795	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	VL	NT	-1.80	-0.002544	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	VN	NT	-6.80	-0.009611	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	50	-2.30	-0.003251	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	40	-5.90	-0.008339	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	30	-3.30	-0.004664	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	20	-2.10	-0.002968	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	10	-4.80	-0.006784	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	0	-4.00	-0.005654	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	-10	-0.40	-0.000565	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	-20	-6.00	-0.008481	PASS
42-42	20MHz-20MHz	QPSK -QPSK	43241-43439	100RB#0-100RB#0	NV	-30	0.00	0.000000	PASS

---End of Attachment---



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