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# Appendix B.25

## LTE CA\_43C (3700-3800)



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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
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	1RB#0-0RB#0	25.21	19.11	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	50RB#0-100RB#0	24.01	17.91	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	1RB#0-0RB#0	23.27	17.17	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	50RB#0-100RB#0	19.96	13.86	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	1RB#0-0RB#0	22.59	16.49	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	50RB#0-100RB#0	22.41	16.31	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	1RB#0-0RB#0	22.46	16.36	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	50RB#0-100RB#0	20.51	14.41	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	1RB#0-0RB#0	22.31	16.21	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	50RB#0-100RB#0	23.81	17.71	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	1RB#0-0RB#0	22.91	16.81	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	50RB#0-100RB#0	19.78	13.68	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	1RB#0-0RB#0	22.23	16.13	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	50RB#0-100RB#0	22.25	16.15	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	1RB#0-0RB#0	22.24	16.14	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	50RB#0-100RB#0	20.33	14.23	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	1RB#0-0RB#0	25.00	18.90	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	50RB#0-100RB#0	23.88	17.78	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	1RB#0-0RB#0	23.19	17.09	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	50RB#0-100RB#0	20.09	13.99	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	1RB#0-0RB#0	22.30	16.20	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	50RB#0-100RB#0	22.38	16.28	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	1RB#0-0RB#0	22.41	16.31	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	50RB#0-100RB#0	20.46	14.36	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	1RB#0-0RB#0	25.18	19.08	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	75RB#0-100RB#0	23.90	17.80	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	1RB#0-0RB#0	23.11	17.01	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	75RB#0-100RB#0	20.16	14.06	30	PASS



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43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	1RB#0-0RB#0	23.90	17.80	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	75RB#0-100RB#0	22.86	16.76	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	1RB#0-0RB#0	22.82	16.72	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	75RB#0-100RB#0	20.97	14.87	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	1RB#0-0RB#0	24.72	18.62	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	75RB#0-100RB#0	23.80	17.70	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	1RB#0-0RB#0	22.77	16.67	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	75RB#0-100RB#0	19.84	13.74	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	1RB#0-0RB#0	23.85	17.75	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	75RB#0-100RB#0	22.75	16.65	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	1RB#0-0RB#0	23.02	16.92	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	75RB#0-100RB#0	20.80	14.70	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	1RB#0-0RB#0	25.09	18.99	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	75RB#0-100RB#0	23.94	17.84	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	1RB#0-0RB#0	23.06	16.96	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	75RB#0-100RB#0	19.92	13.82	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	1RB#0-0RB#0	23.88	17.78	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	75RB#0-100RB#0	22.82	16.72	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	1RB#0-0RB#0	22.97	16.87	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	75RB#0-100RB#0	20.89	14.79	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	100RB#0-50RB#0	22.32	16.22	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	1RB#0-0RB#0	24.03	17.93	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	100RB#0-50RB#0	23.27	17.17	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	1RB#0-0RB#0	20.10	14.00	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	100RB#0-50RB#0	23.81	17.71	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	1RB#0-0RB#0	22.97	16.87	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	100RB#0-50RB#0	23.06	16.96	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	1RB#0-0RB#0	20.91	14.81	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	100RB#0-50RB#0	22.43	16.33	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	1RB#0-0RB#0	23.98	17.88	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	100RB#0-50RB#0	22.82	16.72	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	1RB#0-0RB#0	20.01	13.91	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	100RB#0-50RB#0	23.82	17.72	30	PASS



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43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	1RB#0-0RB#0	22.80	16.70	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	100RB#0-50RB#0	22.89	16.79	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	1RB#0-0RB#0	20.86	14.76	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	100RB#0-50RB#0	24.94	18.84	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	1RB#0-0RB#0	24.10	18.00	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	100RB#0-50RB#0	23.22	17.12	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	1RB#0-0RB#0	20.06	13.96	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	100RB#0-50RB#0	23.93	17.83	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	1RB#0-0RB#0	22.91	16.81	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	100RB#0-50RB#0	22.93	16.83	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	1RB#0-0RB#0	20.93	14.83	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	100RB#0-75RB#0	25.02	18.92	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	1RB#0-0RB#0	24.05	17.95	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	100RB#0-75RB#0	23.24	17.14	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	1RB#0-0RB#0	20.05	13.95	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	100RB#0-75RB#0	23.99	17.89	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	1RB#0-0RB#0	22.92	16.82	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	100RB#0-75RB#0	22.95	16.85	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	1RB#0-0RB#0	21.03	14.93	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	100RB#0-75RB#0	24.72	18.62	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	1RB#0-0RB#0	23.72	17.62	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	100RB#0-75RB#0	22.84	16.74	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	1RB#0-0RB#0	19.76	13.66	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	100RB#0-75RB#0	23.89	17.79	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	1RB#0-0RB#0	22.93	16.83	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	100RB#0-75RB#0	22.86	16.76	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	1RB#0-0RB#0	20.89	14.79	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	100RB#0-75RB#0	24.90	18.80	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	100RB#0-75RB#0	23.00	16.90	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	1RB#0-0RB#0	20.09	13.99	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	100RB#0-75RB#0	23.97	17.87	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	1RB#0-0RB#0	22.88	16.78	30	PASS



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43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	100RB#0-75RB#0	22.80	16.70	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	1RB#0-0RB#0	20.81	14.71	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	24.93	18.83	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	1RB#0-0RB#0	24.08	17.98	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	100RB#0-100RB#0	23.23	17.13	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	1RB#0-0RB#0	20.09	13.99	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	23.97	17.87	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	1RB#0-0RB#0	22.82	16.72	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	22.94	16.84	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	1RB#0-0RB#0	21.02	14.92	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	100RB#0-100RB#0	22.21	16.11	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	1RB#0-0RB#0	23.75	17.65	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	22.90	16.80	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	1RB#0-0RB#0	19.79	13.69	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	23.89	17.79	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	1RB#0-0RB#0	22.76	16.66	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	100RB#0-100RB#0	22.88	16.78	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	1RB#0-0RB#0	21.00	14.90	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	24.97	18.87	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	1RB#0-0RB#0	23.90	17.80	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	23.03	16.93	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	1RB#0-0RB#0	19.95	13.85	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	100RB#0-100RB#0	23.89	17.79	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	1RB#0-0RB#0	22.92	16.82	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	22.92	16.82	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	1RB#0-0RB#0	20.96	14.86	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	100RB#0-25RB#0	25.05	18.95	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	1RB#0-0RB#0	24.01	17.91	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	100RB#0-25RB#0	23.07	16.97	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	1RB#0-0RB#0	20.11	14.01	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	100RB#0-25RB#0	23.96	17.86	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	1RB#0-0RB#0	22.80	16.70	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	100RB#0-25RB#0	23.00	16.90	30	PASS



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43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	1RB#0-0RB#0	20.99	14.89	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	100RB#0-25RB#0	24.65	18.55	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	1RB#0-0RB#0	23.85	17.75	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	100RB#0-25RB#0	22.72	16.62	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	1RB#0-0RB#0	19.80	13.70	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	100RB#0-25RB#0	23.95	17.85	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	1RB#0-0RB#0	22.80	16.70	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	100RB#0-25RB#0	22.92	16.82	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	1RB#0-0RB#0	20.88	14.78	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	100RB#0-25RB#0	24.87	18.77	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	1RB#0-0RB#0	23.97	17.87	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	100RB#0-25RB#0	23.20	17.10	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	1RB#0-0RB#0	20.04	13.94	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	100RB#0-25RB#0	23.87	17.77	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	1RB#0-0RB#0	22.80	16.70	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	100RB#0-25RB#0	22.83	16.73	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	1RB#0-0RB#0	20.93	14.83	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	1RB#0-0RB#0	24.94	18.84	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	50RB#0-100RB#0	23.98	17.88	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	1RB#0-0RB#0	23.28	17.18	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	50RB#0-100RB#0	19.98	13.88	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	1RB#0-0RB#0	23.79	17.69	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	50RB#0-100RB#0	22.85	16.75	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	1RB#0-0RB#0	22.78	16.68	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	50RB#0-100RB#0	20.98	14.88	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	1RB#0-0RB#0	24.69	18.59	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	50RB#0-100RB#0	23.80	17.70	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	1RB#0-0RB#0	22.74	16.64	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	50RB#0-100RB#0	19.69	13.59	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	1RB#0-0RB#0	23.81	17.71	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	50RB#0-100RB#0	22.93	16.83	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	1RB#0-0RB#0	22.90	16.80	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	50RB#0-100RB#0	20.85	14.75	30	PASS



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43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	1RB#0-0RB#0	24.90	18.80	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	50RB#0-100RB#0	23.83	17.73	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	1RB#0-0RB#0	23.03	16.93	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	50RB#0-100RB#0	20.05	13.95	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	1RB#0-0RB#0	23.94	17.84	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	50RB#0-100RB#0	22.94	16.84	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	1RB#0-0RB#0	22.96	16.86	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	50RB#0-100RB#0	20.91	14.81	30	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	11.10	13	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	11.06	13	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	11.04	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44491-44689	100RB#0-100RB#0	11.30	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	11.26	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	11.30	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44491-44689	100RB#0-100RB#0	11.34	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	11.32	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	11.24	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44491-44689	100RB#0-100RB#0	11.36	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	11.38	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	11.34	13	PASS



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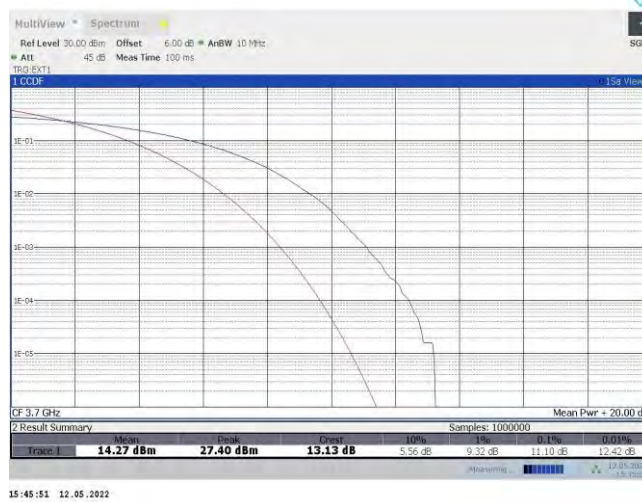
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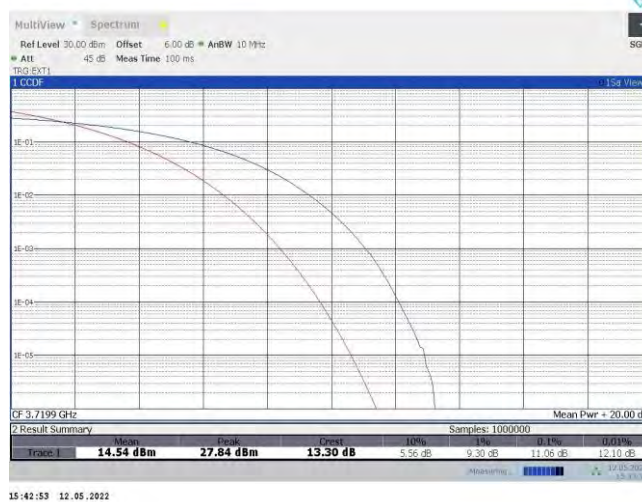


Test Graphs

43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-100RB#0-100RB#0



43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-100RB#0-100RB#0

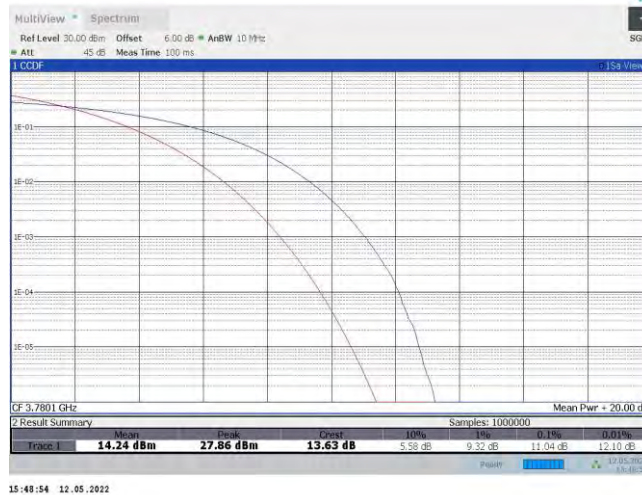


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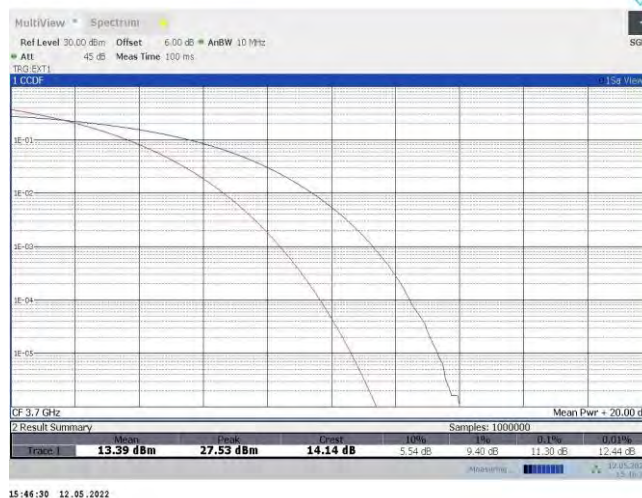
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43-43-20MHz-20MHz-16QAM-16QAM-44491-44689-100RB#0-100RB#0

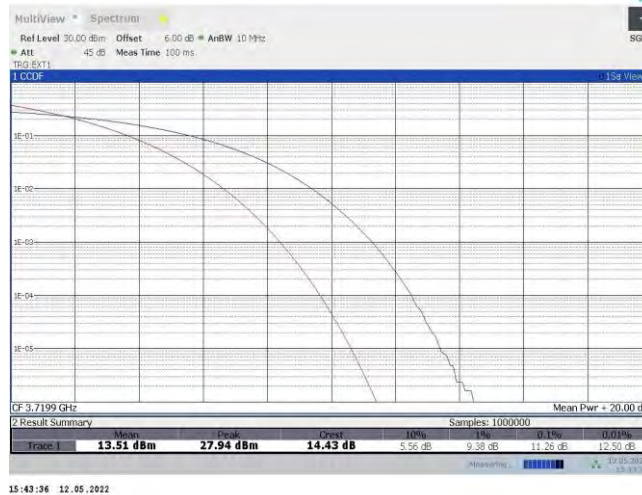


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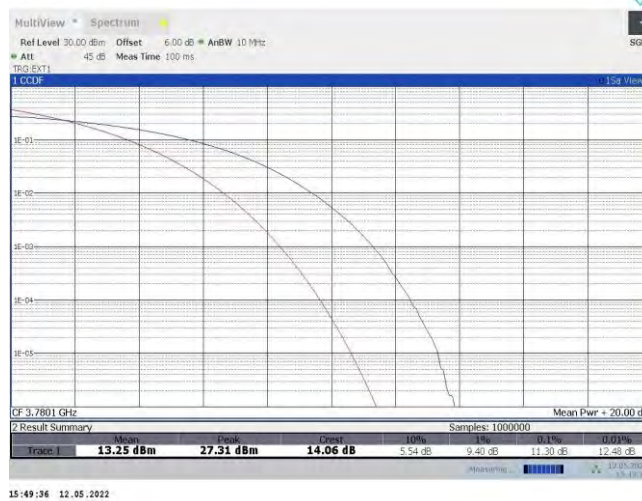
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43-43-20MHz-20MHz-16QAM-16QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-16QAM-16QAM-45292-45490-100RB#0-100RB#0



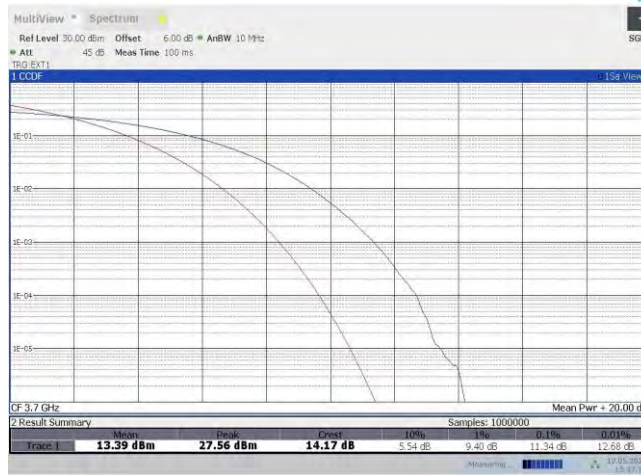
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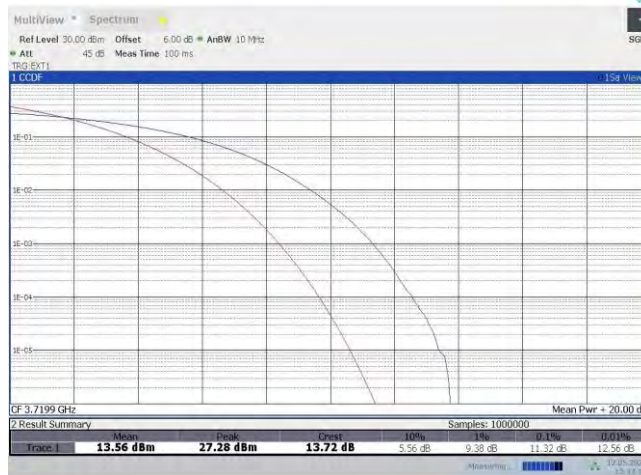


43-43-20MHz-20MHz-64QAM-64QAM-44491-44689-100RB#0-100RB#0



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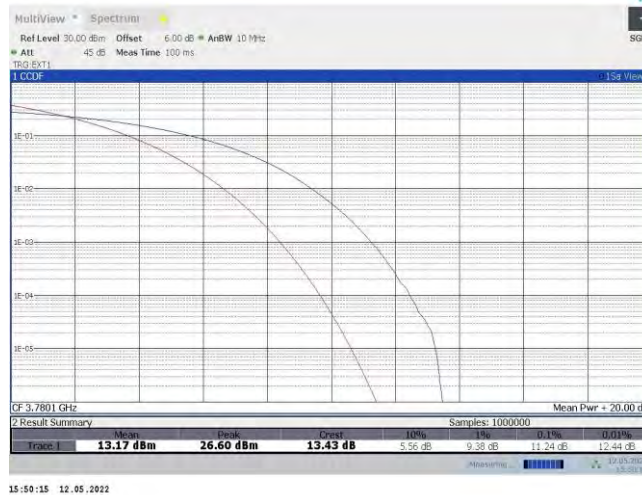


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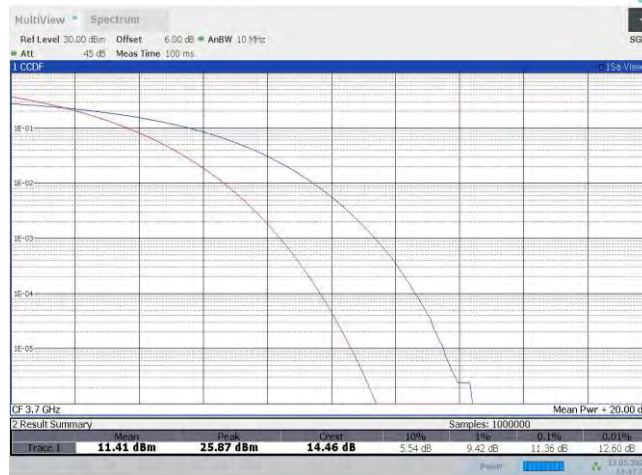
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43-43-20MHz-20MHz-64QAM-64QAM-45292-45490-100RB#0-100RB#0



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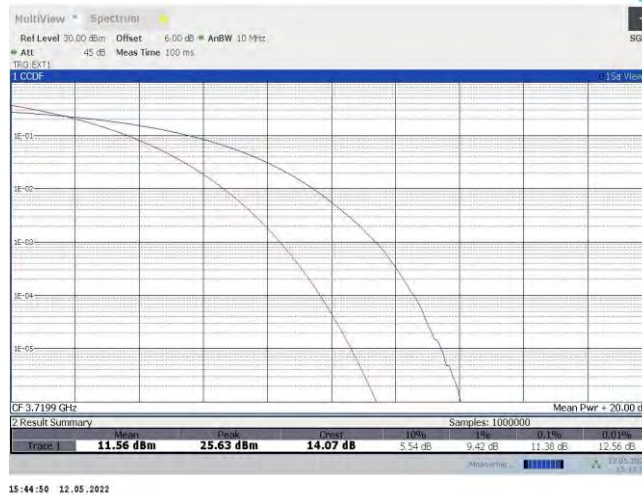
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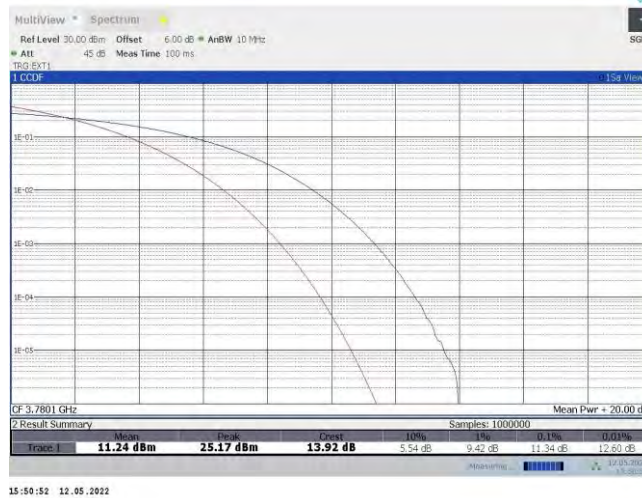
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43-43-20MHz-20MHz-256QAM-256QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-256QAM-256QAM-45292-45490-100RB#0-100RB#0



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	PASS	PASS

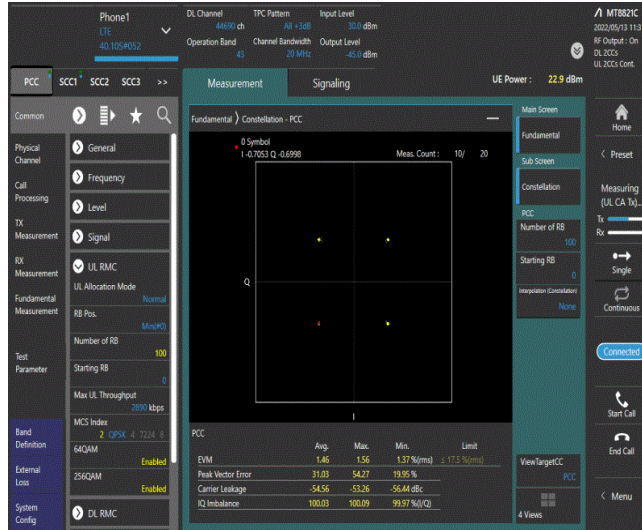


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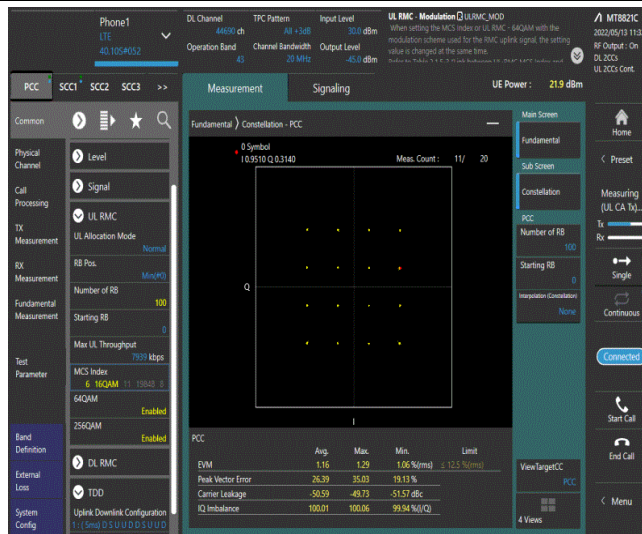
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Test Graphs

43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-16QAM-16QAM-44690-44888-100RB#0-100RB#0



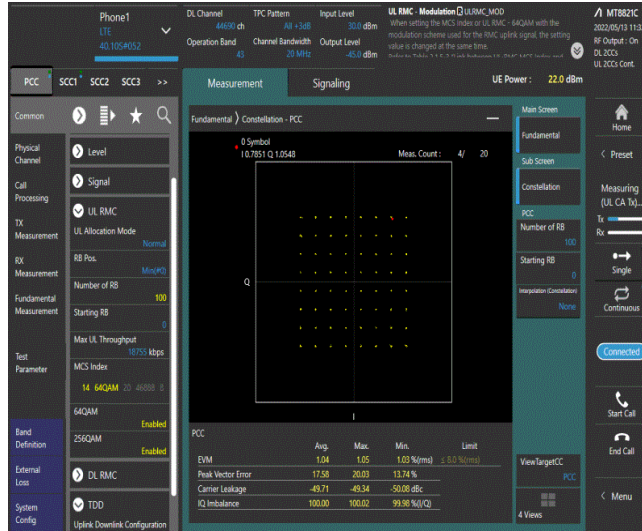
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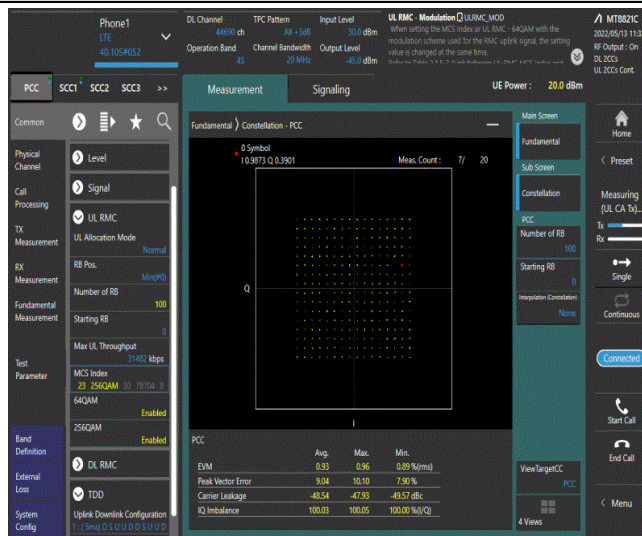
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43-43-20MHz-20MHz-64QAM-64QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-256QAM-256QAM-44690-44888-100RB#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
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	50RB#0-100RB#0	27.900	30.13	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	50RB#0-100RB#0	27.616	33.47	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	50RB#0-100RB#0	27.694	32.40	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	50RB#0-100RB#0	27.876	31.87	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	50RB#0-100RB#0	27.807	32.27	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	50RB#0-100RB#0	27.852	33.60	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	50RB#0-100RB#0	27.842	32.53	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	50RB#0-100RB#0	27.852	32.27	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	50RB#0-100RB#0	27.967	33.47	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	50RB#0-100RB#0	27.873	32.13	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	50RB#0-100RB#0	27.899	32.93	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	50RB#0-100RB#0	27.918	32.67	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	75RB#0-100RB#0	32.527	35.07	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	75RB#0-100RB#0	32.526	35.20	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	75RB#0-100RB#0	32.723	34.93	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	75RB#0-100RB#0	32.675	38.53	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	75RB#0-100RB#0	32.661	37.60	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	75RB#0-100RB#0	32.688	38.27	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	75RB#0-100RB#0	32.592	38.40	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	75RB#0-100RB#0	32.636	38.00	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	75RB#0-100RB#0	32.594	38.40	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	75RB#0-100RB#0	32.672	37.47	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	75RB#0-100RB#0	32.588	37.33	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	75RB#0-100RB#0	32.705	38.13	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	100RB#0-50RB#0	27.800	30.27	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	100RB#0-50RB#0	27.884	30.13	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	100RB#0-50RB#0	27.947	30.27	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	100RB#0-50RB#0	27.906	33.60	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	100RB#0-50RB#0	27.961	33.47	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	100RB#0-50RB#0	27.973	33.47	PASS
43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	100RB#0-50RB#0	27.937	33.47	PASS



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Rev.: 01

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Table with 8 columns: Test ID, Frequency, Modulation, Standard, Reference, Result 1, Result 2, Pass/Fail. Contains 48 rows of test data.



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43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	25RB#0-100RB#0	22.527	24.08	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	25RB#0-100RB#0	22.873	24.08	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	25RB#0-100RB#0	22.607	24.00	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	25RB#0-100RB#0	22.897	25.08	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	25RB#0-100RB#0	22.695	25.67	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	25RB#0-100RB#0	22.675	25.08	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	25RB#0-100RB#0	22.667	25.33	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	25RB#0-100RB#0	22.908	25.17	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	25RB#0-100RB#0	22.651	25.00	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	25RB#0-100RB#0	22.652	24.58	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	25RB#0-100RB#0	22.651	25.08	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	25RB#0-100RB#0	22.921	25.17	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	25RB#0-100RB#0	22.667	24.75	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	25RB#0-100RB#0	22.663	24.75	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	25RB#0-100RB#0	22.714	25.25	PASS



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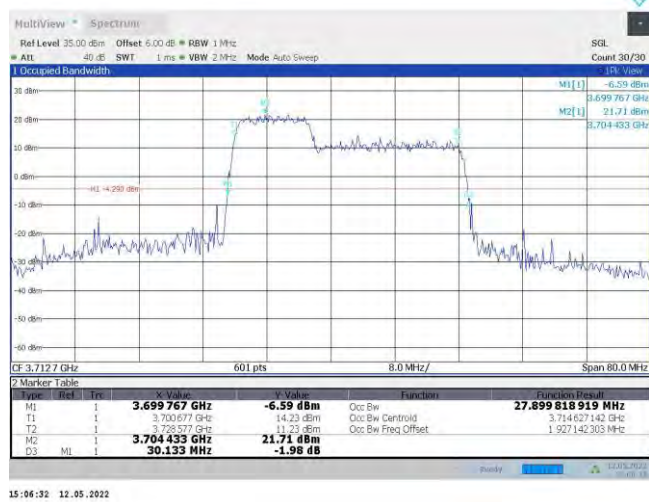
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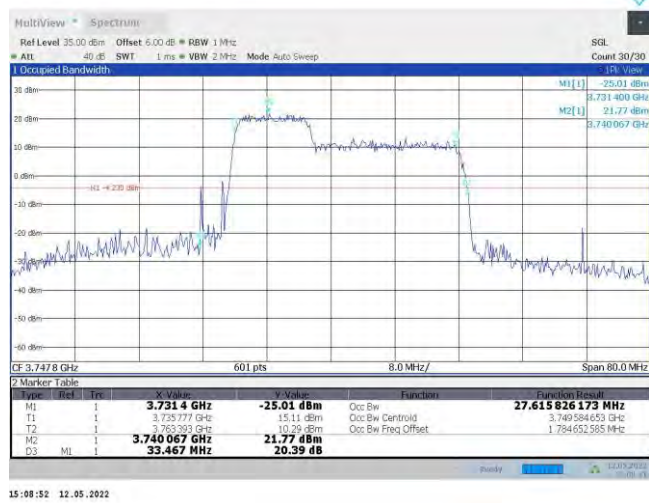


Test Graphs

43-43-10MHz-20MHz-QPSK-QPSK-44645-44789-50RB#0-100RB#0



43-43-10MHz-20MHz-QPSK-QPSK-44996-45140-50RB#0-100RB#0



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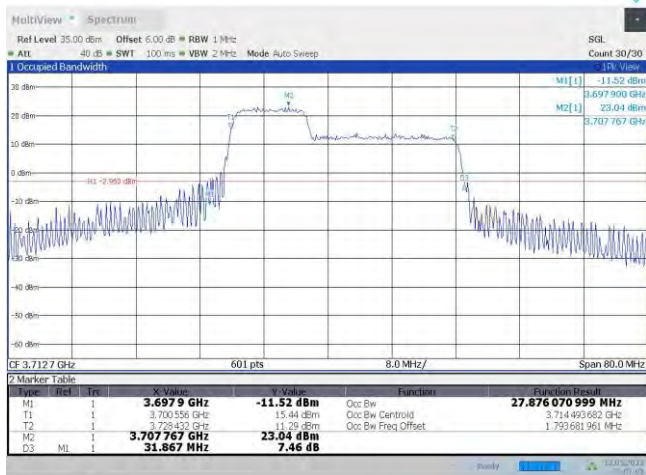
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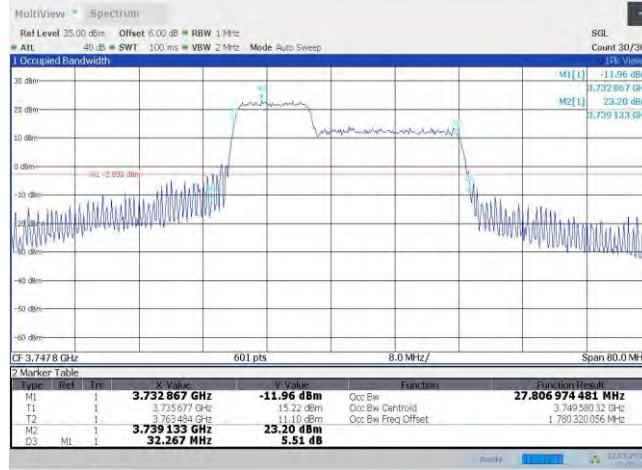
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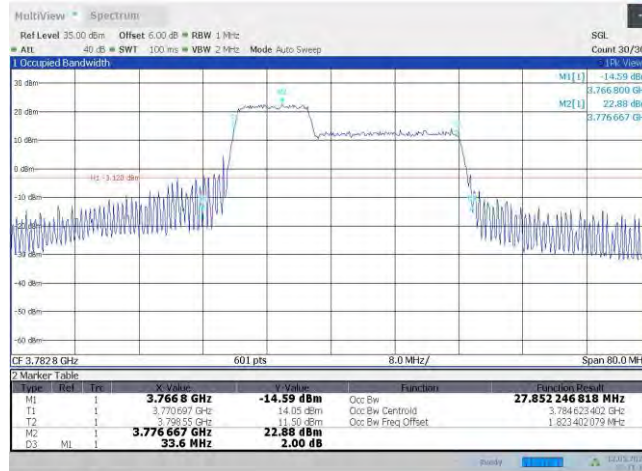
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43-43-10MHz-20MHz-16QAM-16QAM-44996-45140-50RB#0-100RB#0



43-43-10MHz-20MHz-16QAM-16QAM-45346-45490-50RB#0-100RB#0



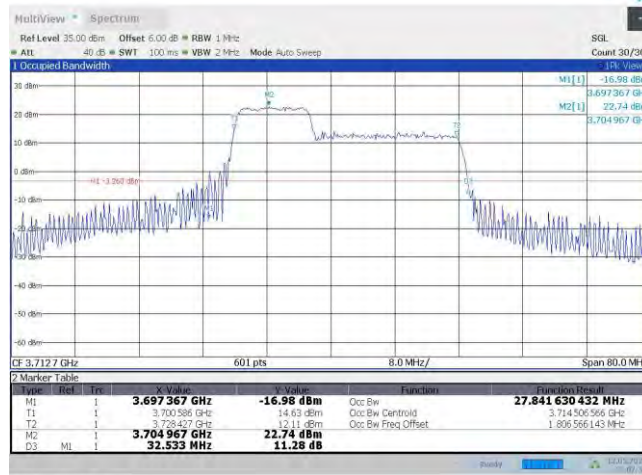
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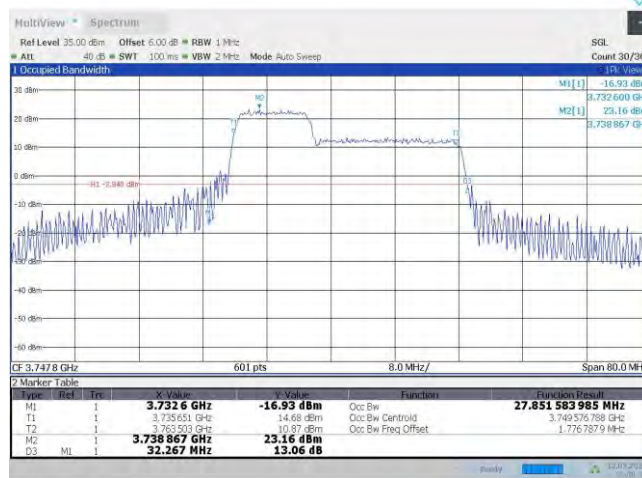
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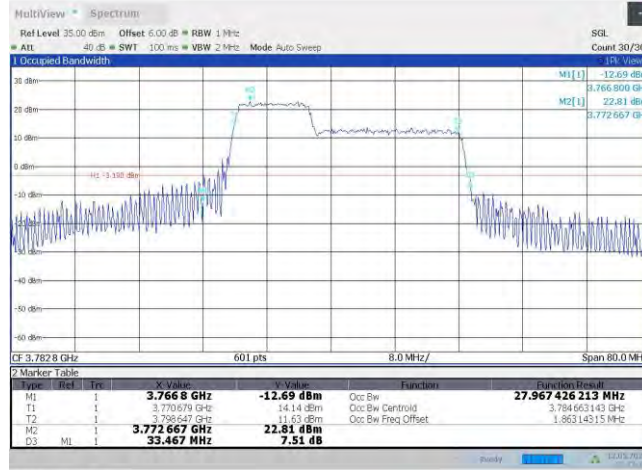


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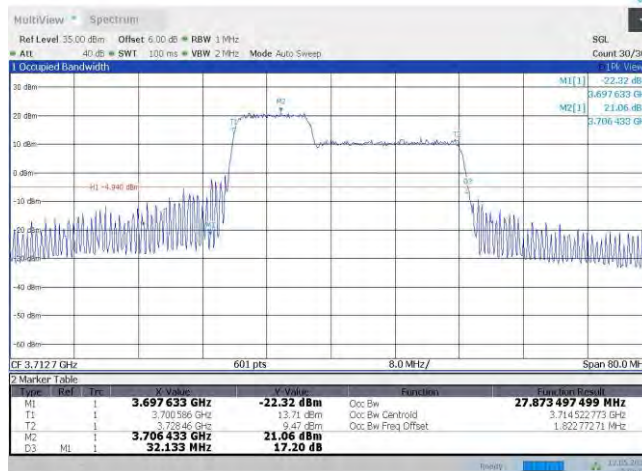
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15:12:12 12.05.2022

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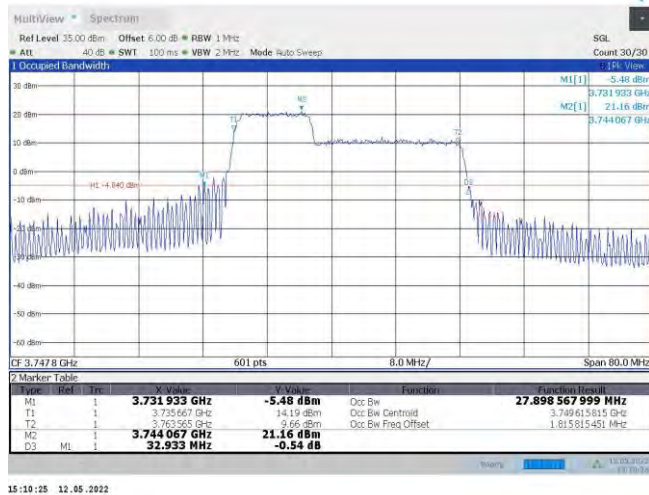


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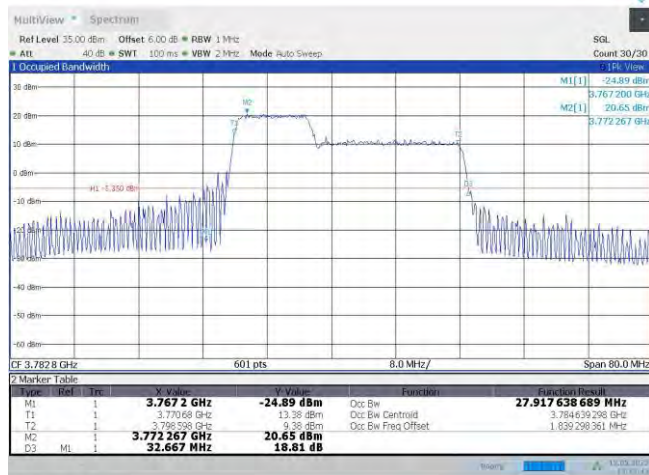
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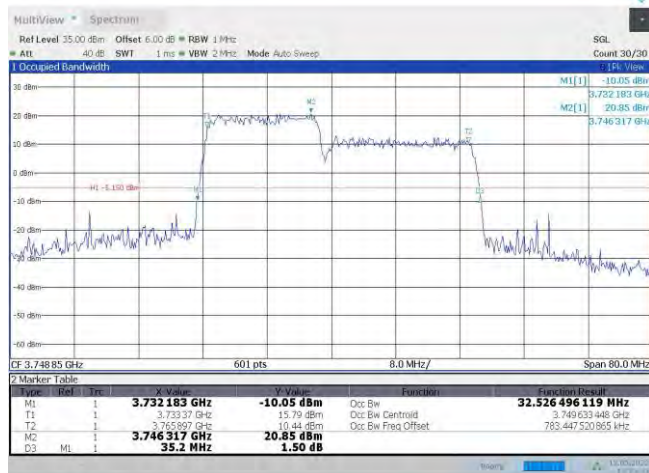


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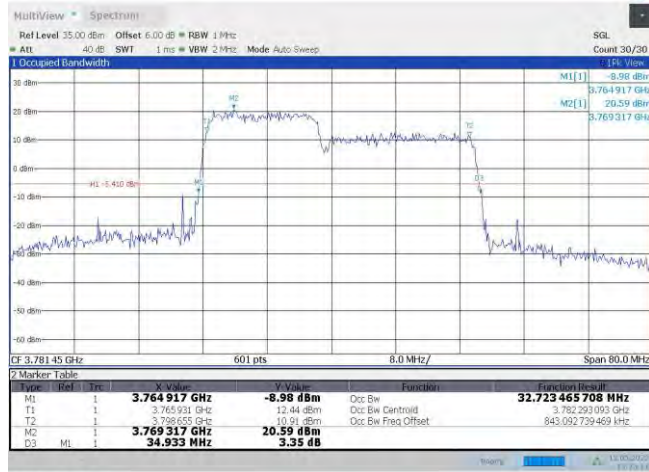


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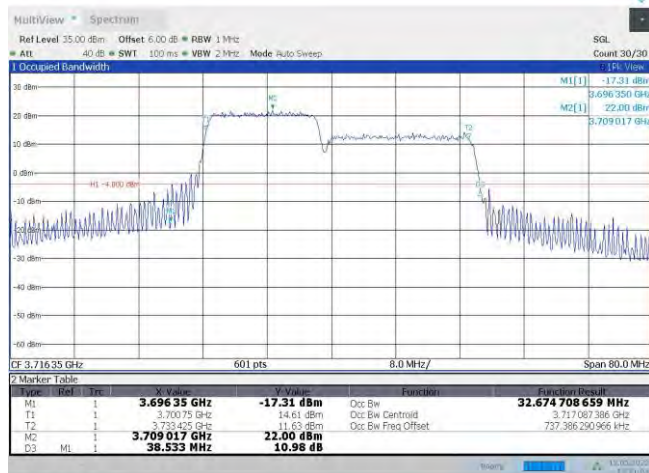
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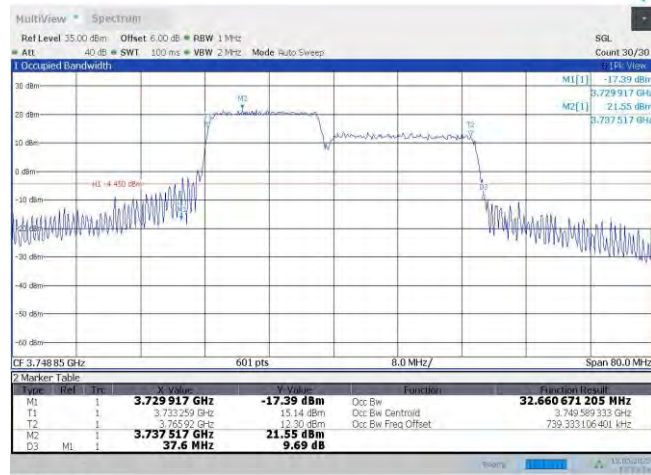
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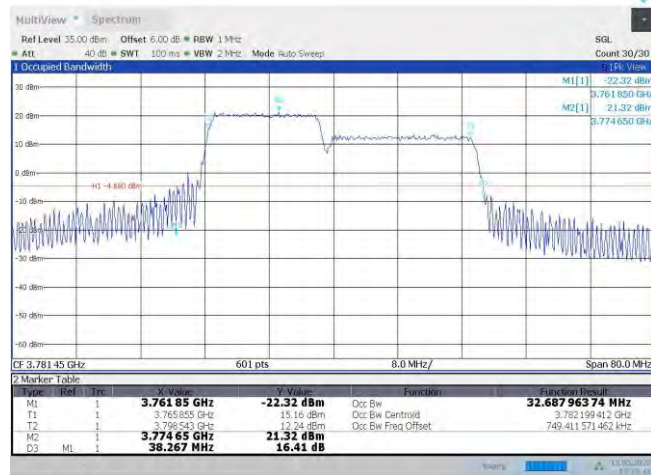
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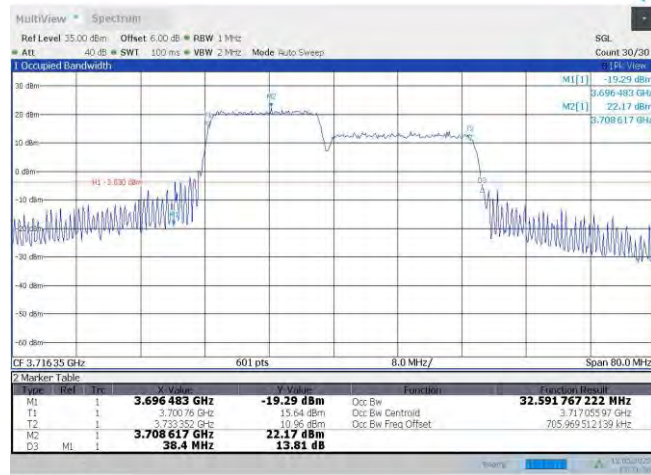


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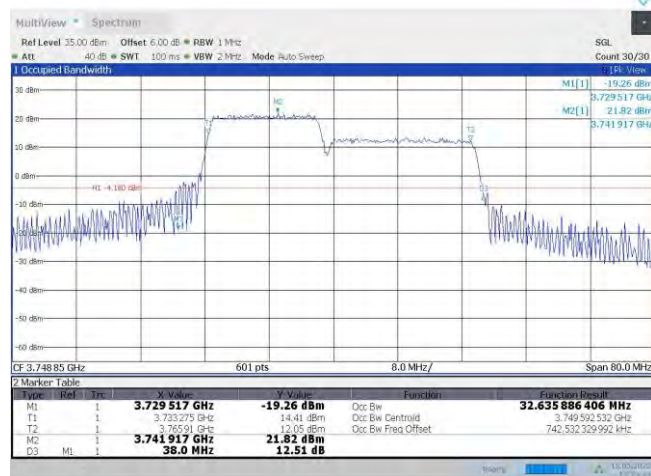


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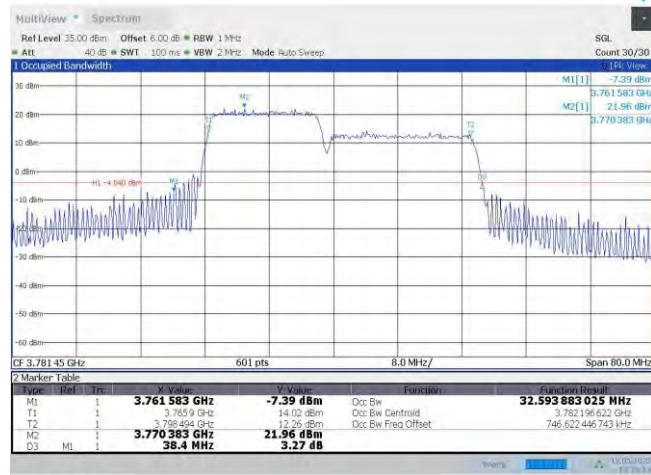
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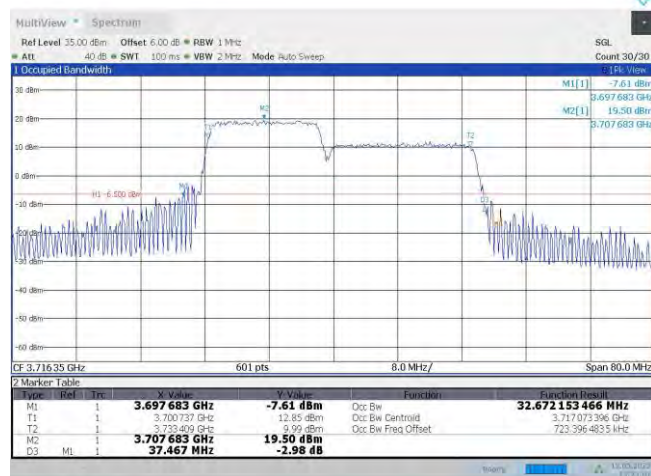
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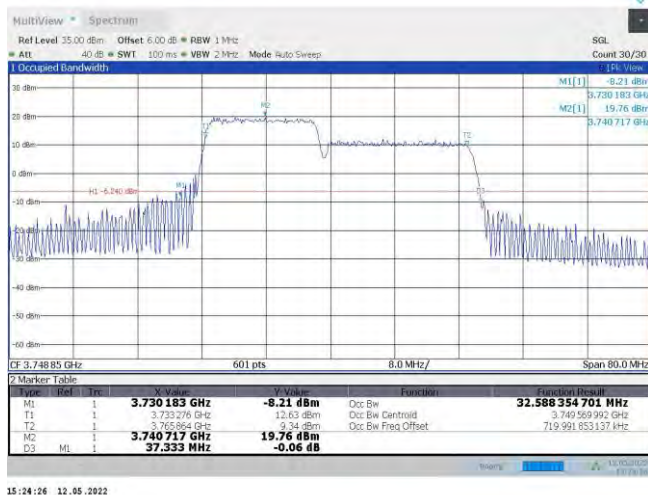
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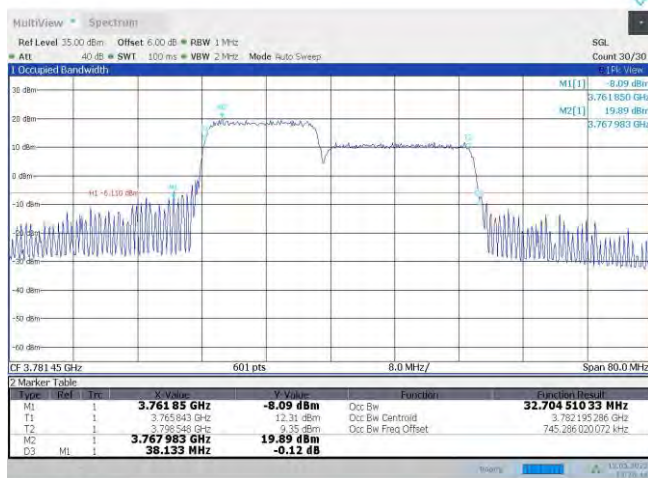
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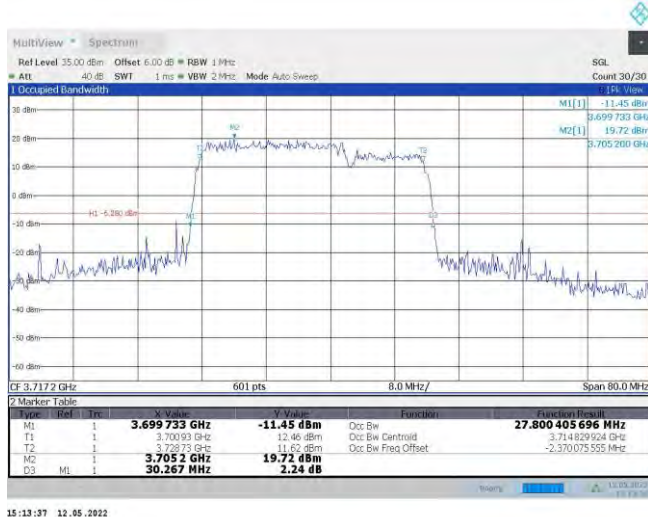


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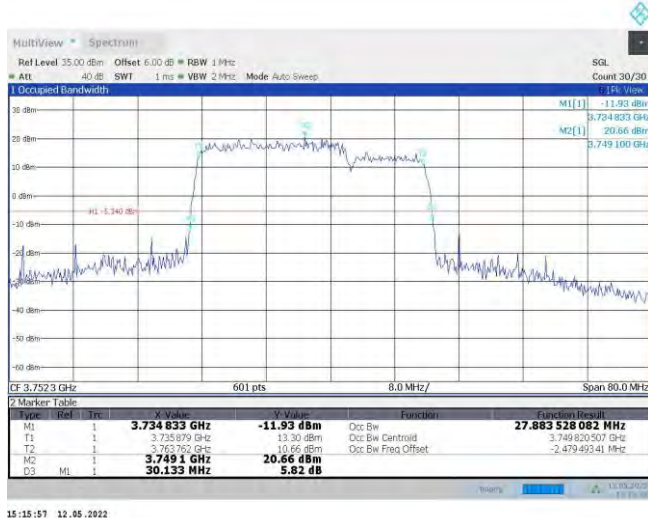
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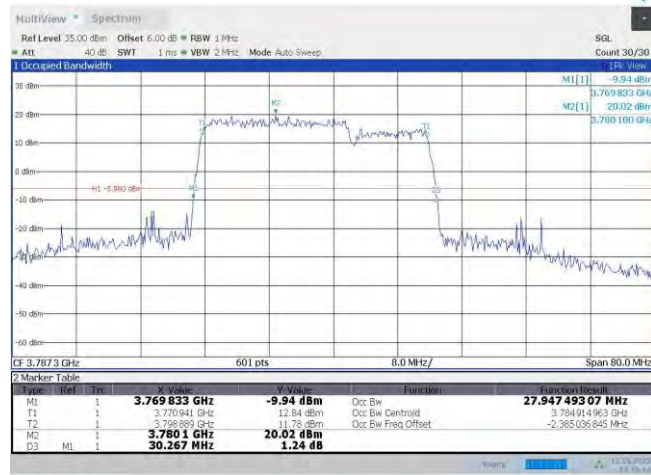


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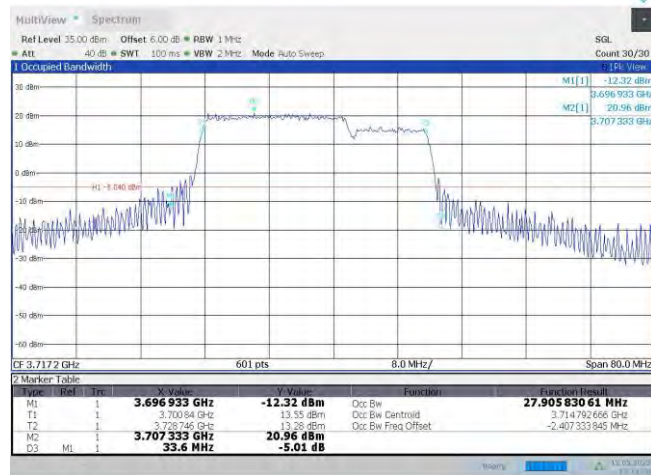
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43-43-20MHz-10MHz-QPSK-QPSK-45391-45535-100RB#0-50RB#0



15:19:15 12.05.2022

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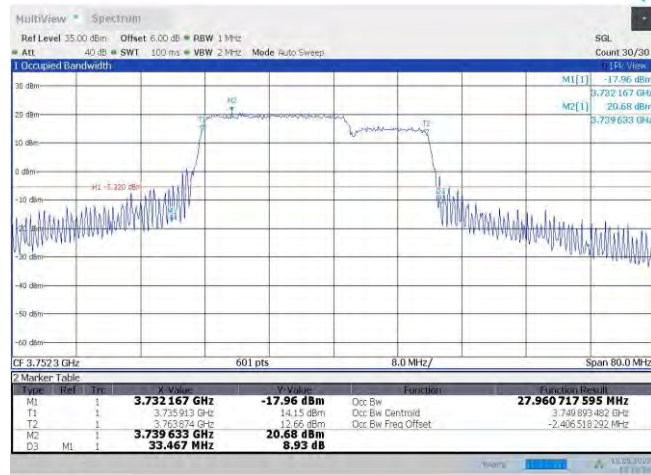


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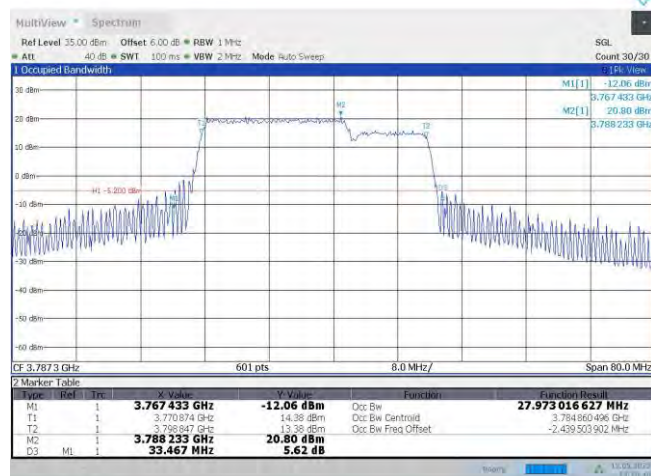
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43-43-20MHz-10MHz-16QAM-16QAM-45041-45185-100RB#0-50RB#0



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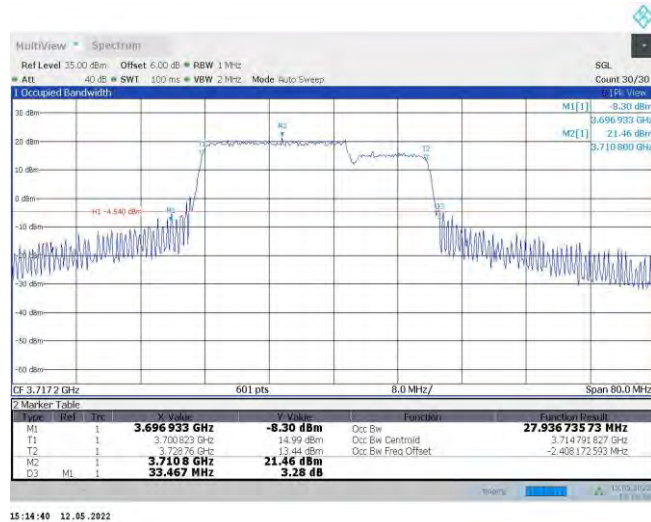
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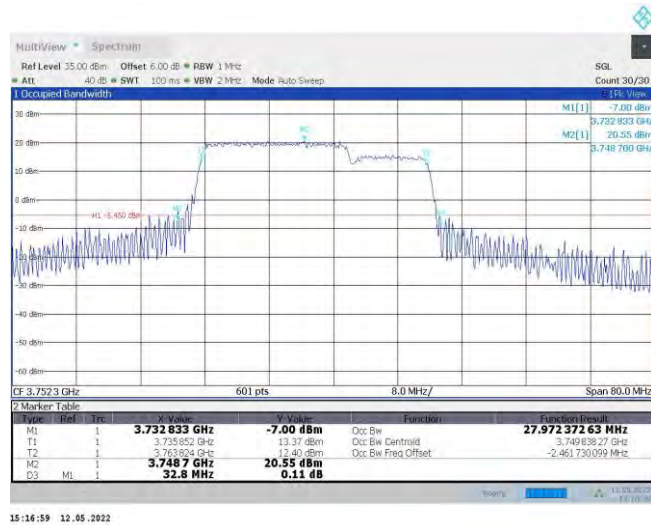
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43-43-20MHz-10MHz-64QAM-64QAM-44690-44834-100RB#0-50RB#0



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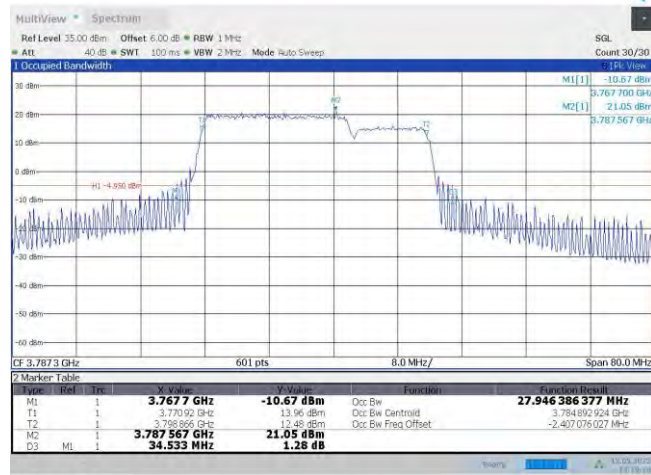


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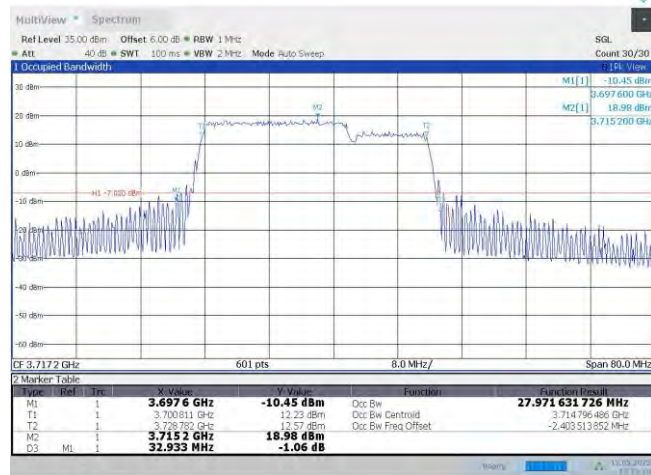
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43-43-20MHz-10MHz-64QAM-64QAM-45391-45535-100RB#0-50RB#0



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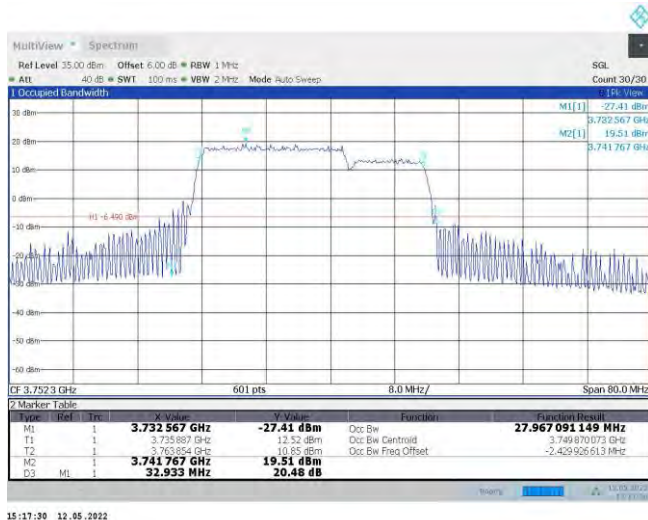
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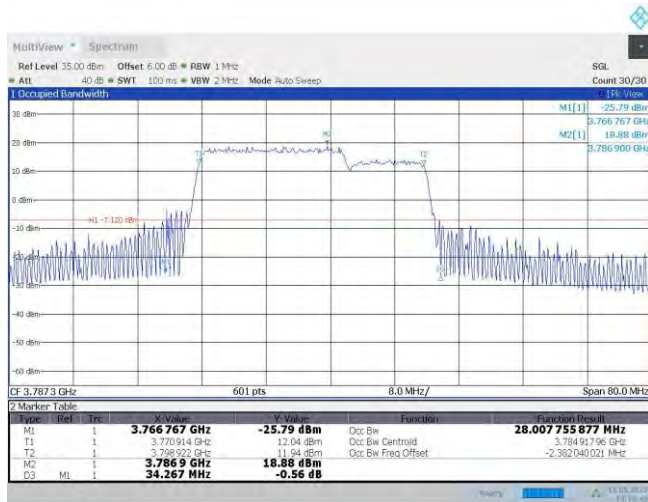
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43-43-20MHz-10MHz-256QAM-256QAM-45041-45185-100RB#0-50RB#0



15:17:30 12.05.2022

43-43-20MHz-10MHz-256QAM-256QAM-45391-45535-100RB#0-50RB#0



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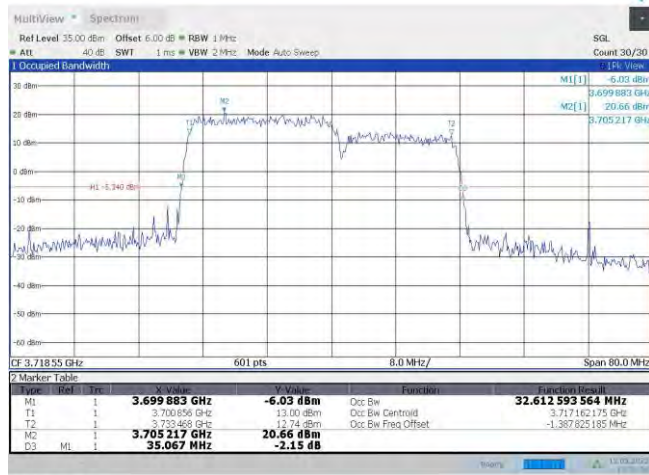


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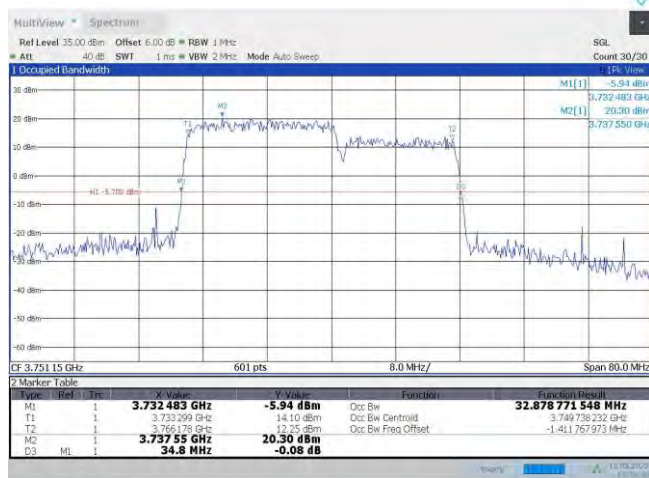
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43-43-20MHz-15MHz-QPSK-QPSK-44690-44861-100RB#0-75RB#0



43-43-20MHz-15MHz-QPSK-QPSK-45016-45187-100RB#0-75RB#0

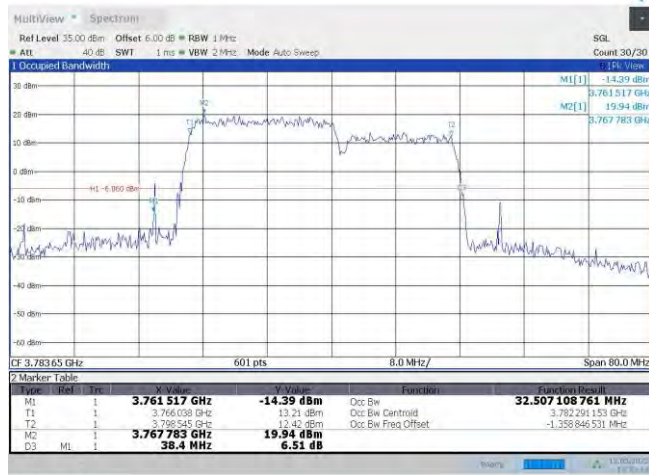


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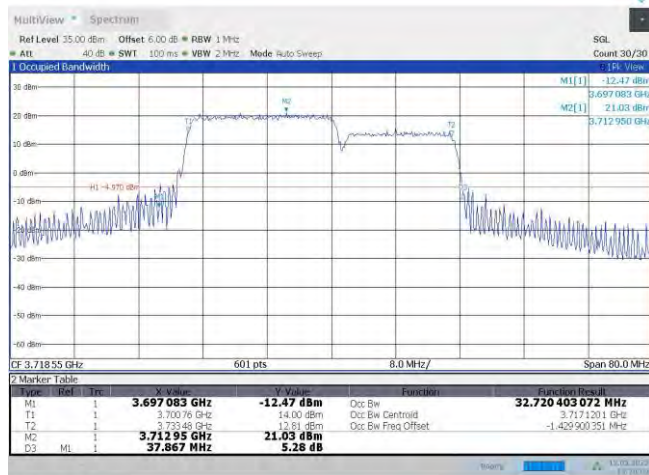
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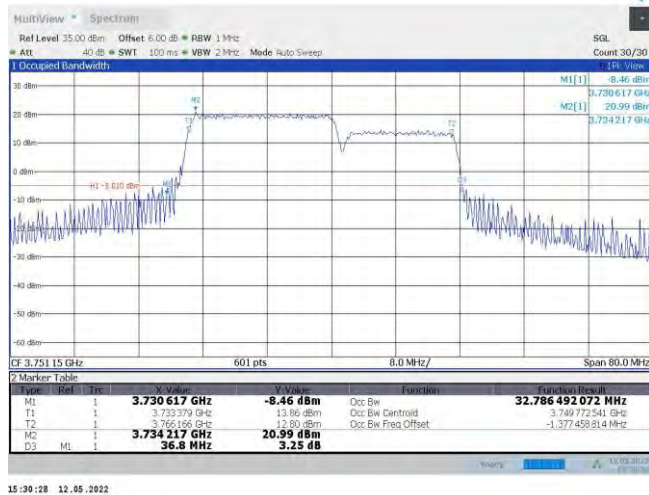


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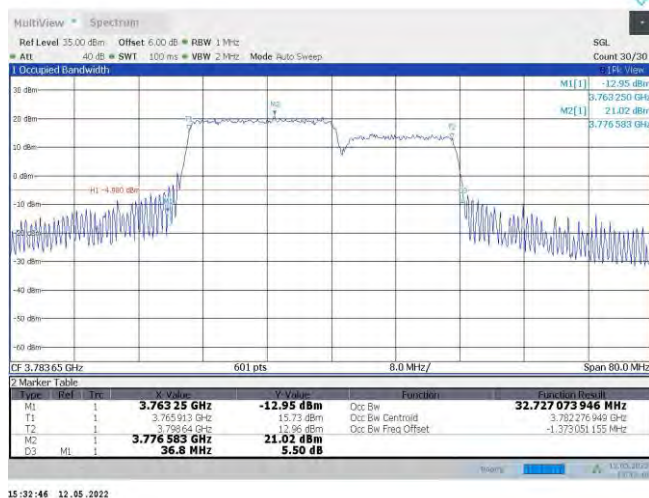
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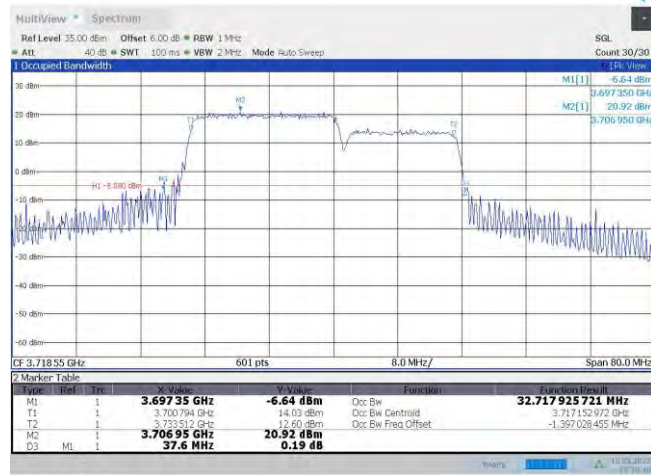
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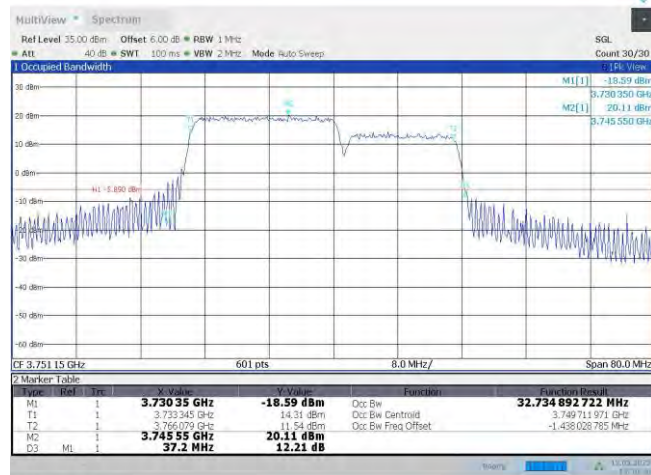
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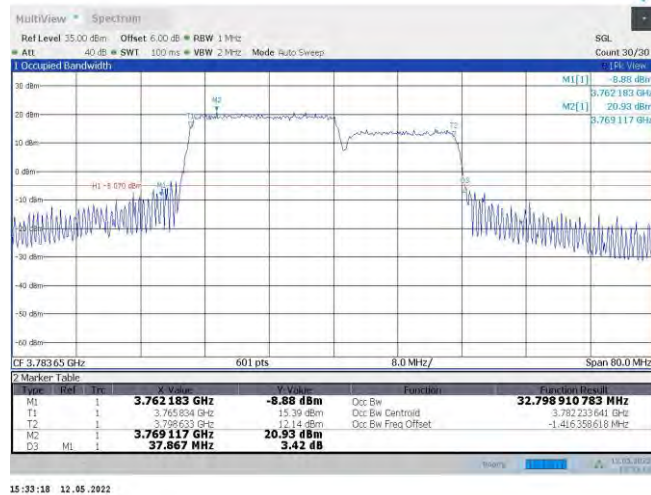


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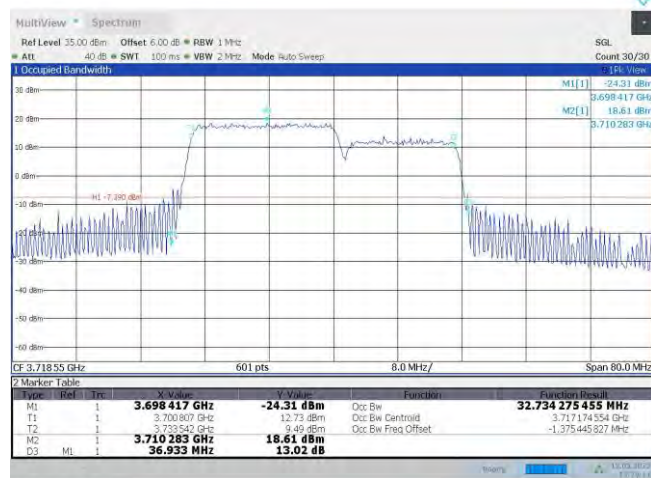
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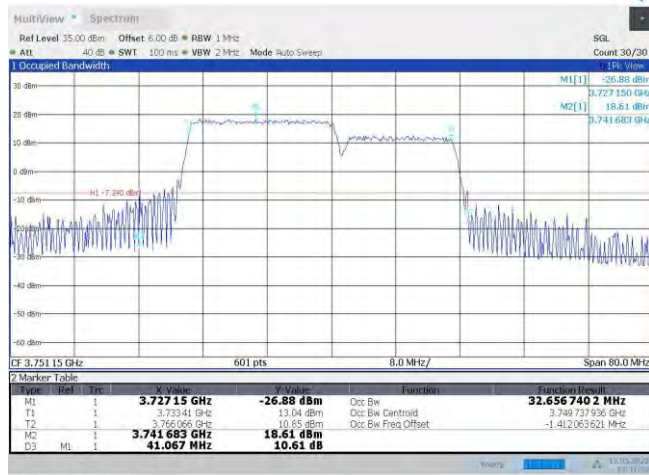
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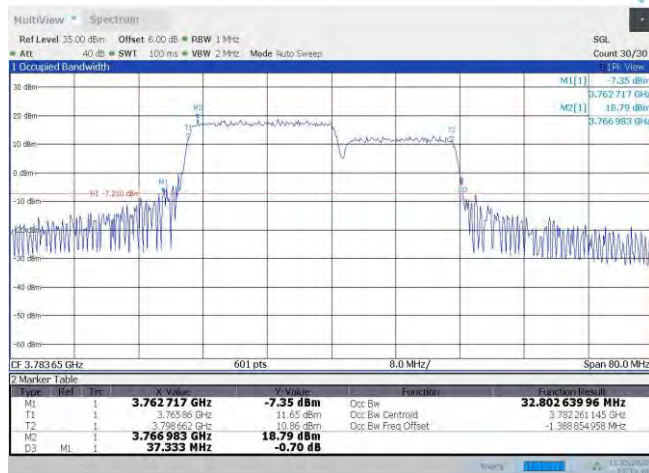
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15:33:49 12.05.2022



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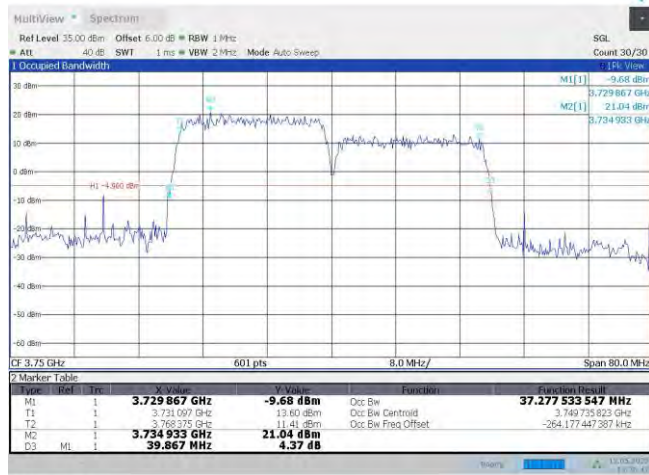
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43-43-20MHz-20MHz-QPSK-QPSK-44991-45189-100RB#0-100RB#0



15:34:47 12.05.2022

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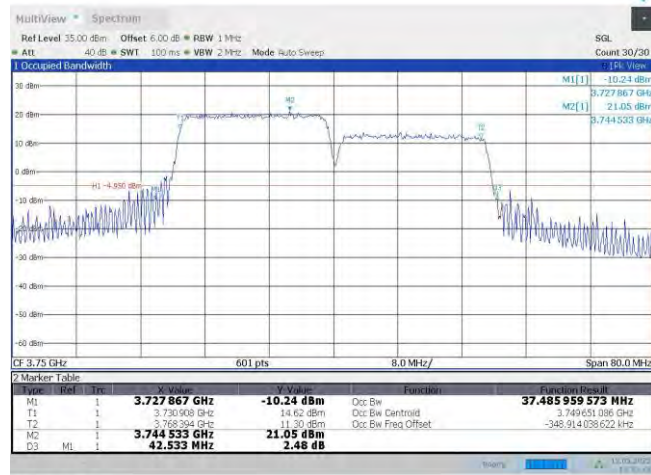
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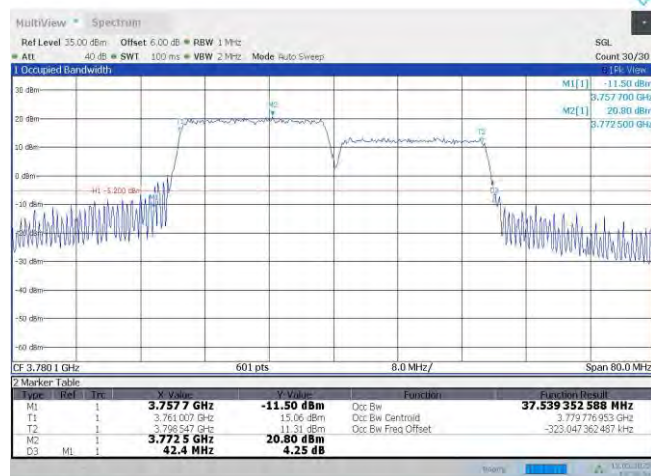
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43-43-20MHz-20MHz-16QAM-16QAM-44991-45189-100RB#0-100RB#0



15:37:18 12.05.2022

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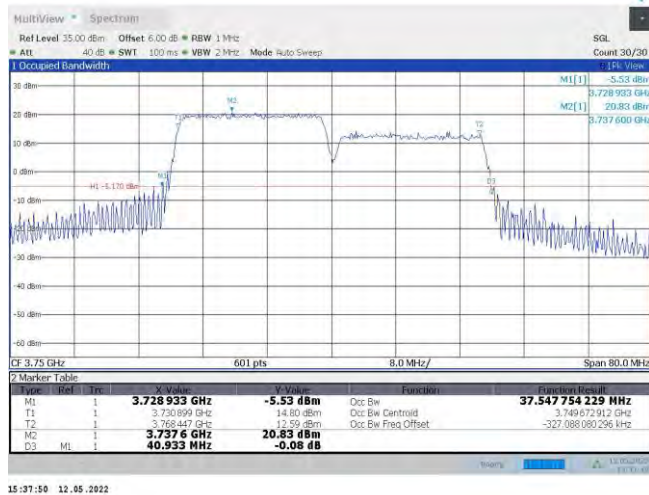
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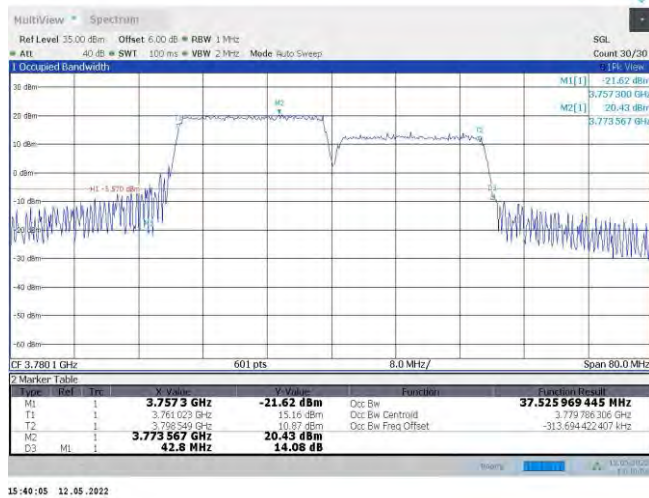
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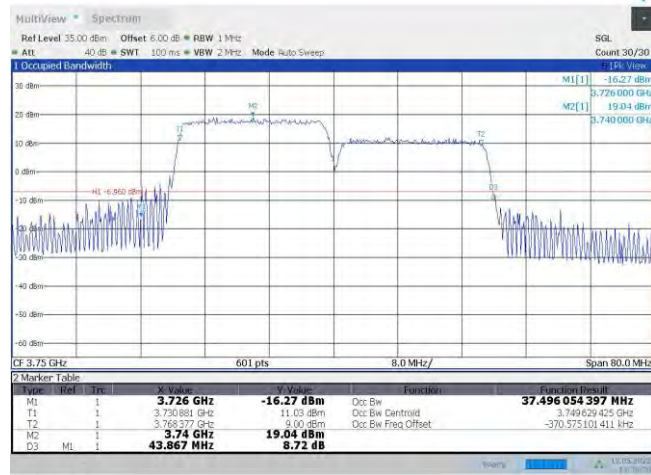


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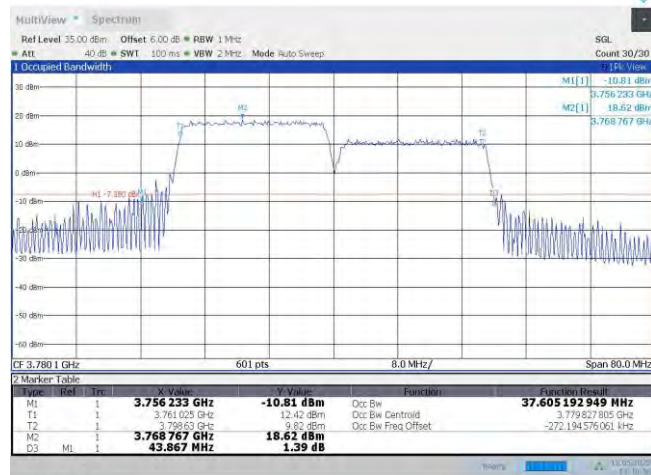


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15:38:21 12.05.2022

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15:40:34 12.05.2022



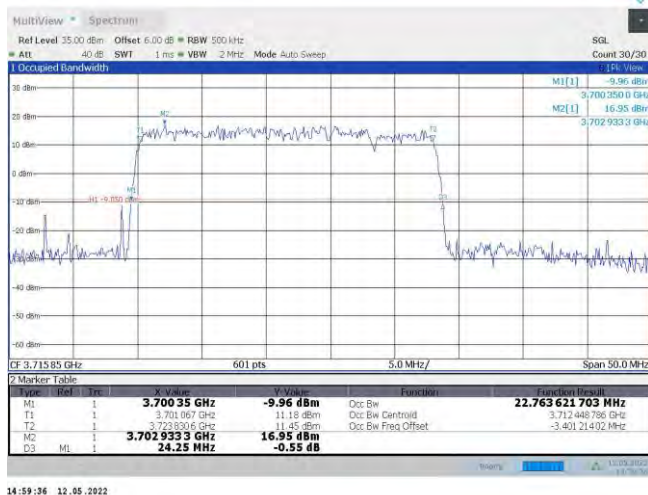
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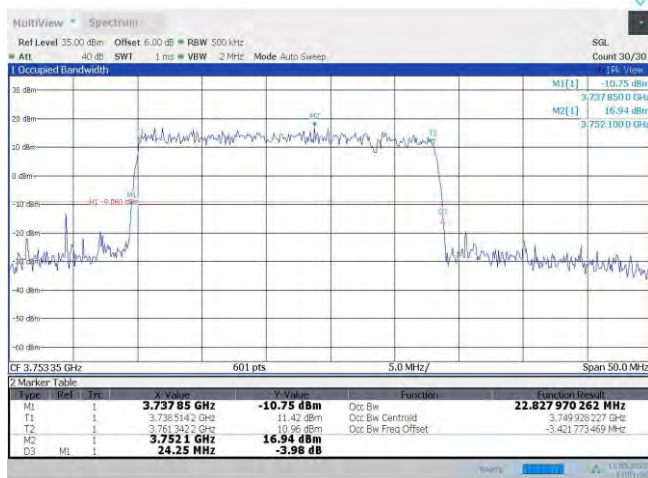
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43-43-20MHz-5MHz-QPSK-QPSK-44690-44807-100RB#0-25RB#0



14:59:36 12.05.2022

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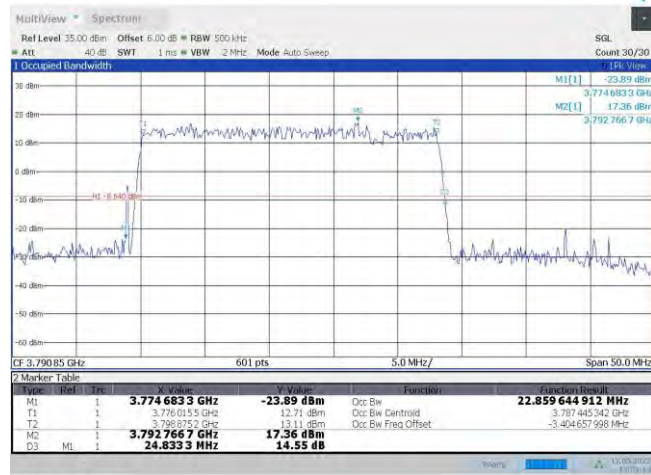
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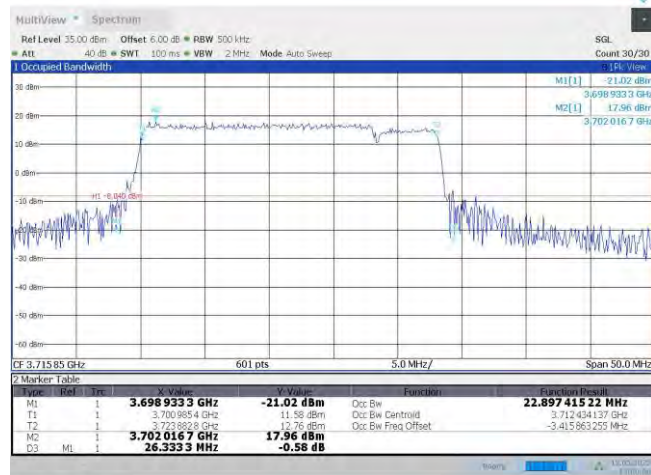
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43-43-20MHz-5MHz-QPSK-QPSK-45440-45557-100RB#0-25RB#0



15:04:14 12.05.2022

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15:00:07 12.05.2022



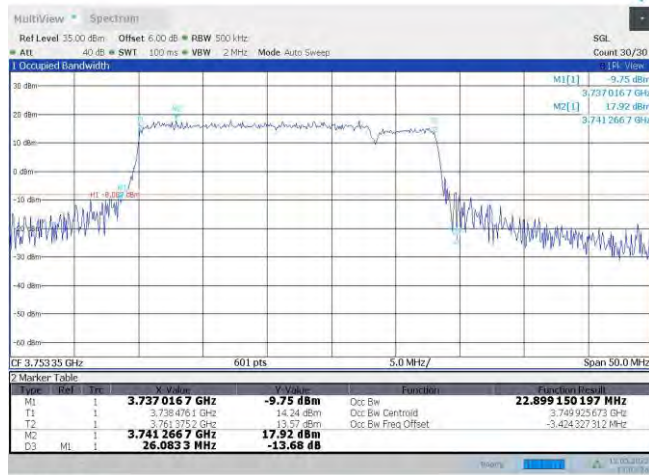
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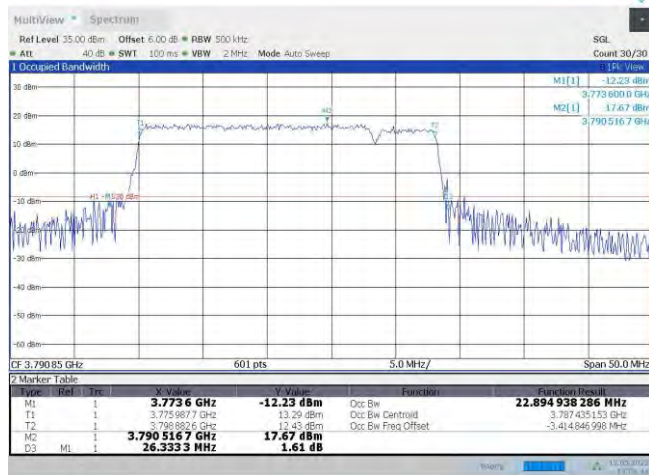


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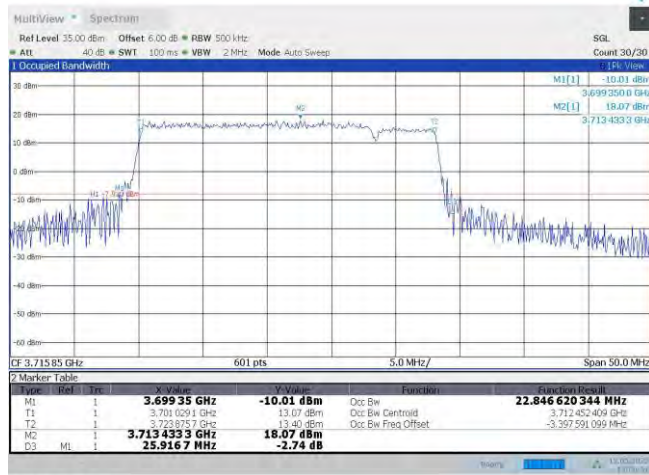


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43-43-20MHz-5MHz-64QAM-64QAM-44690-44807-100RB#0-25RB#0



15:00:38 12.05.2022

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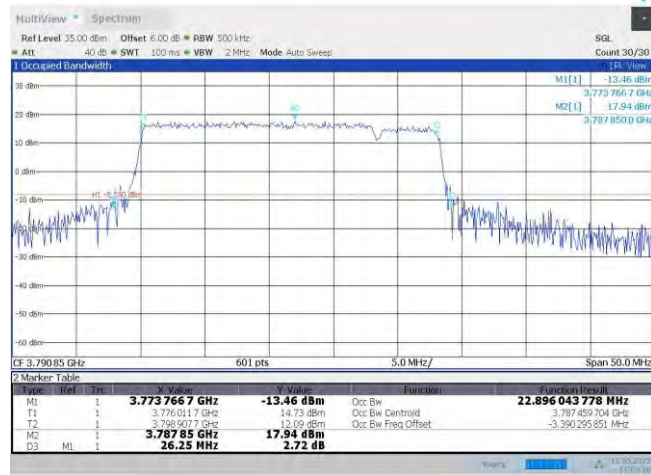


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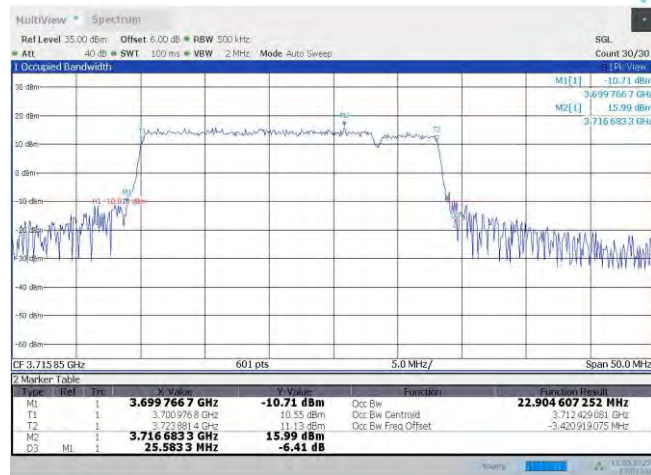
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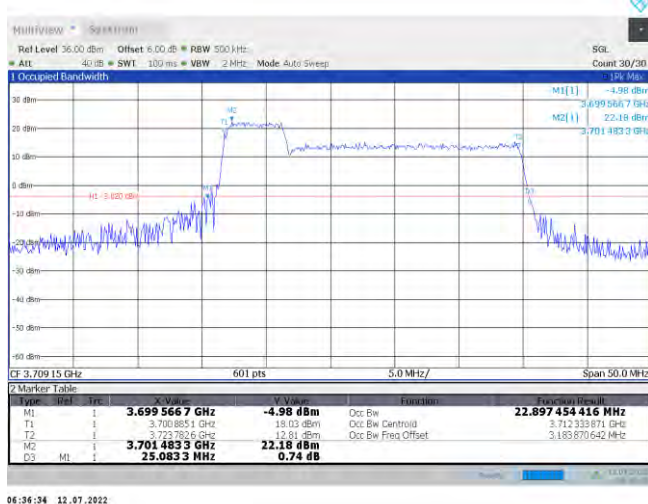


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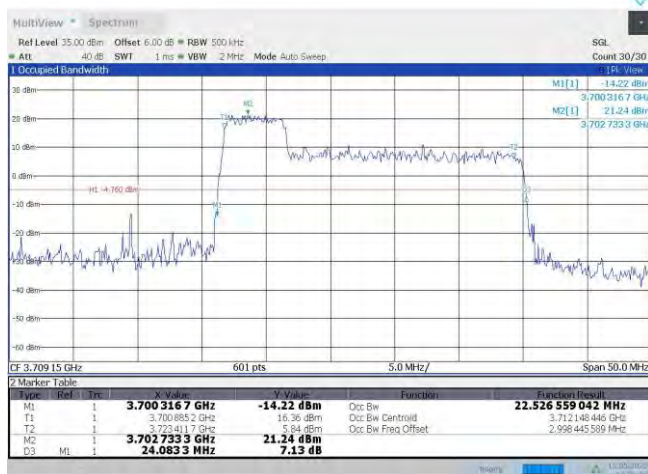
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06:34:34 12.07.2022

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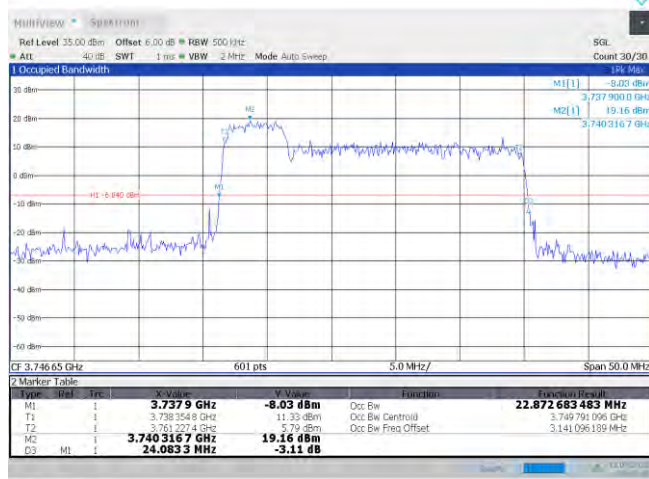


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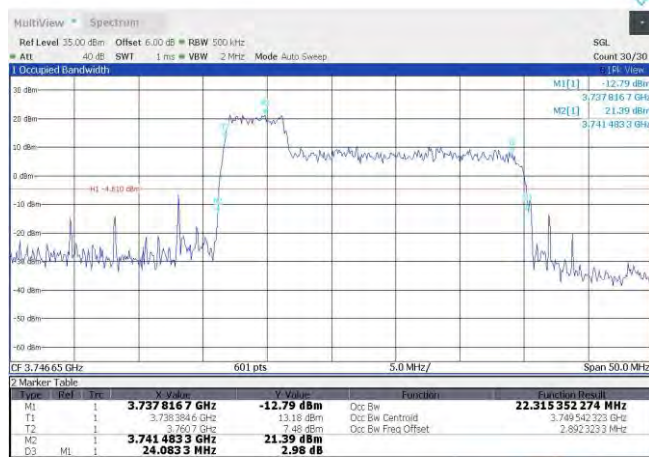
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43-43-5MHz-20MHz-QPSK-QPSK-44998-45115-100RB#0-25RB#0



06:42:40 12.07.2022

43-43-5MHz-20MHz-QPSK-QPSK-44998-45115-25RB#0-100RB#0



14:54:57 12.05.2022



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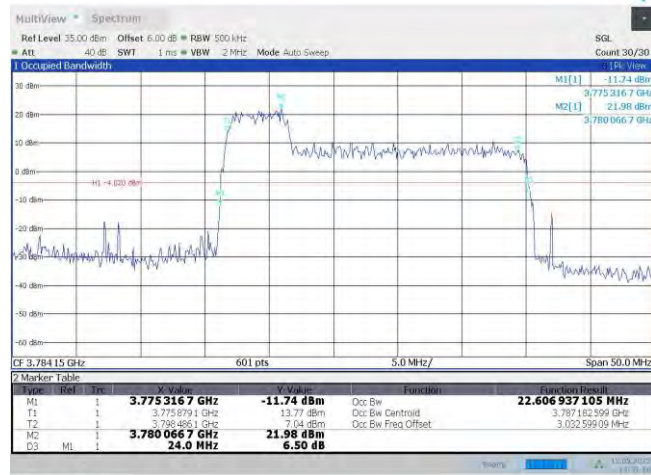
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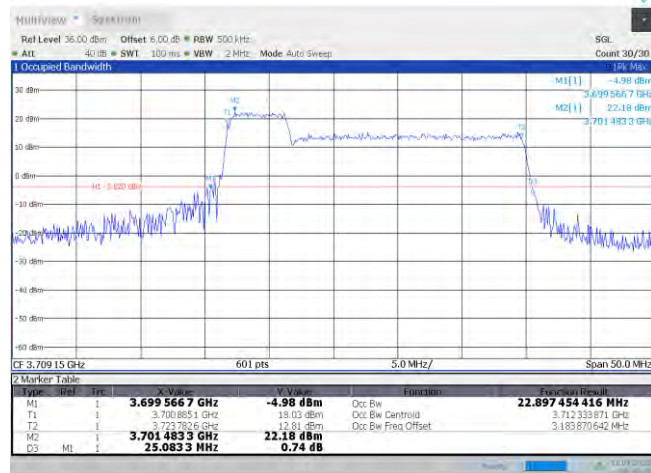


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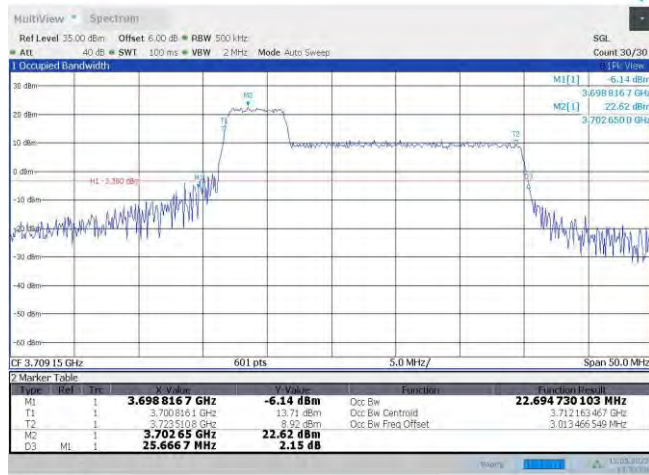
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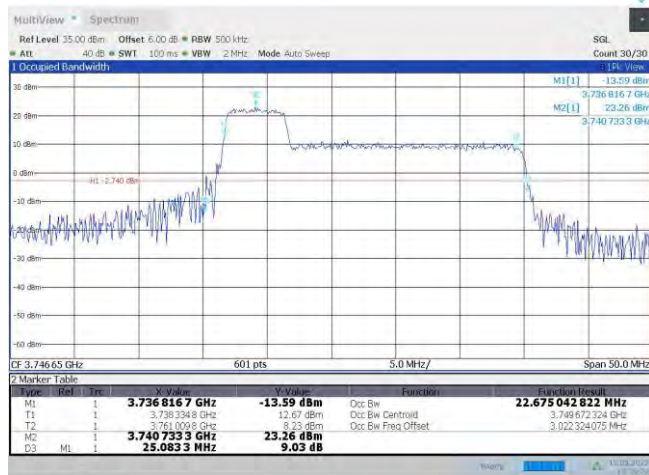
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43-43-5MHz-20MHz-16QAM-16QAM-44623-44740-25RB#0-100RB#0



14:53:09 12.05.2022

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14:55:28 12.05.2022



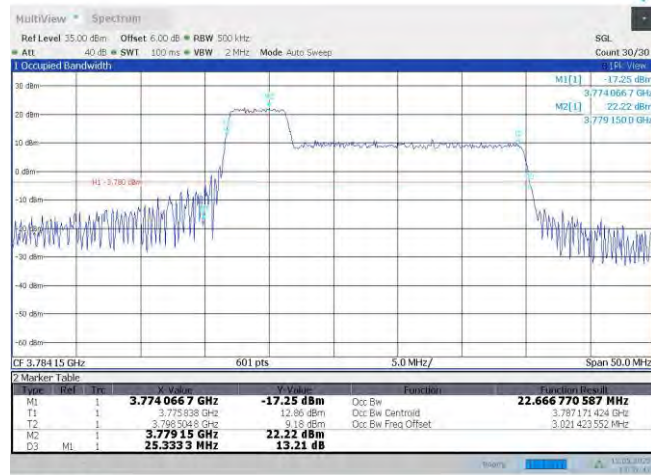
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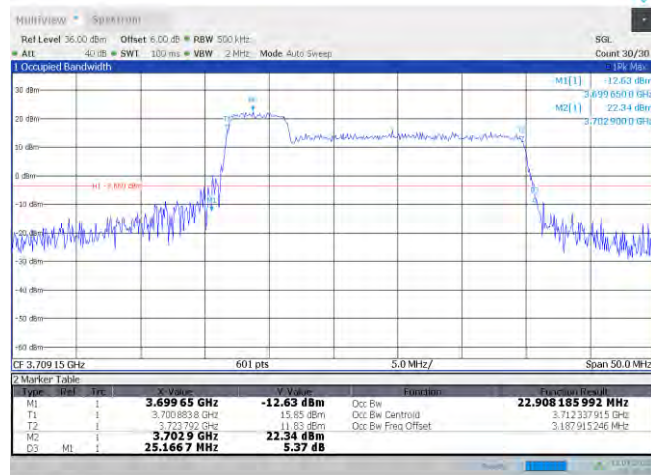
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43-43-5MHz-20MHz-16QAM-16QAM-45373-45490-25RB#0-100RB#0



43-43-5MHz-20MHz-64QAM-64QAM-44623-44740-100RB#0-25RB#0



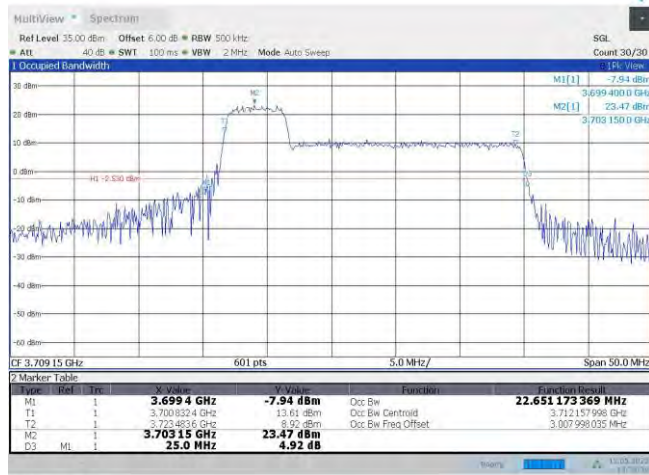
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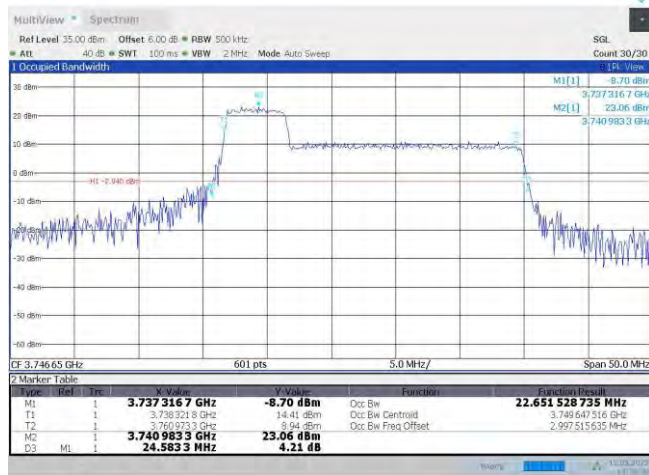


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14:53:40 12.05.2022

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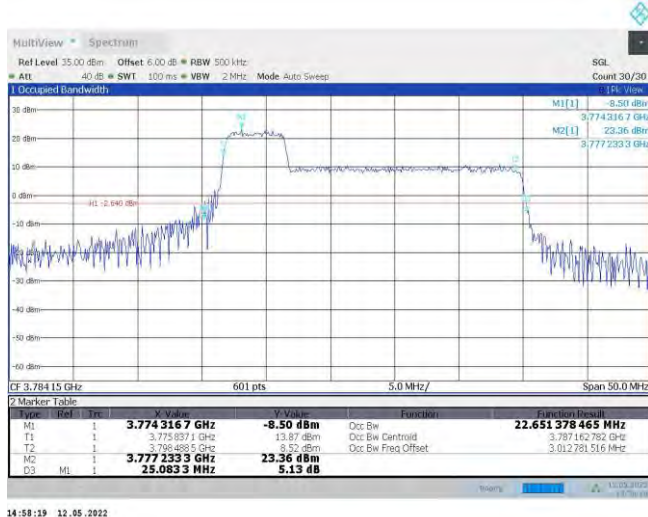


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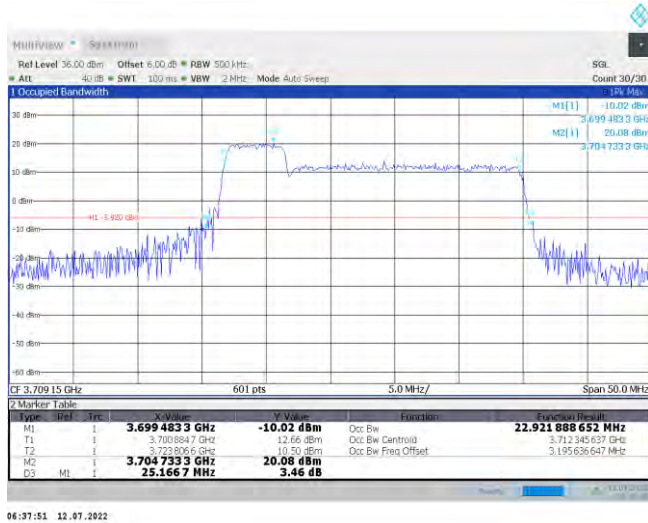
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43-43-5MHz-20MHz-64QAM-64QAM-45373-45490-25RB#0-100RB#0



43-43-5MHz-20MHz-256QAM-256QAM-44623-44740-100RB#0-25RB#0

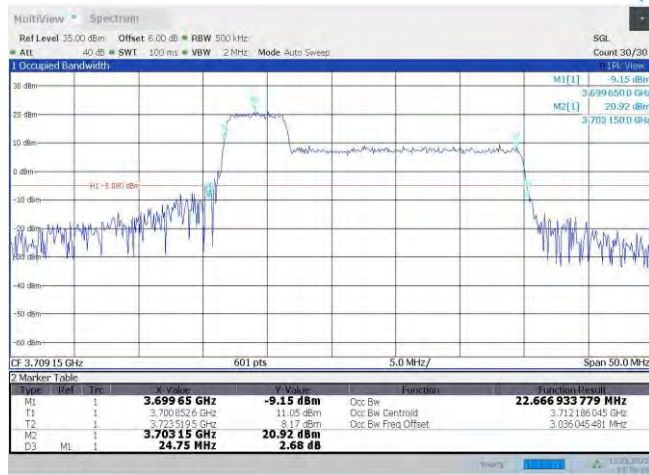


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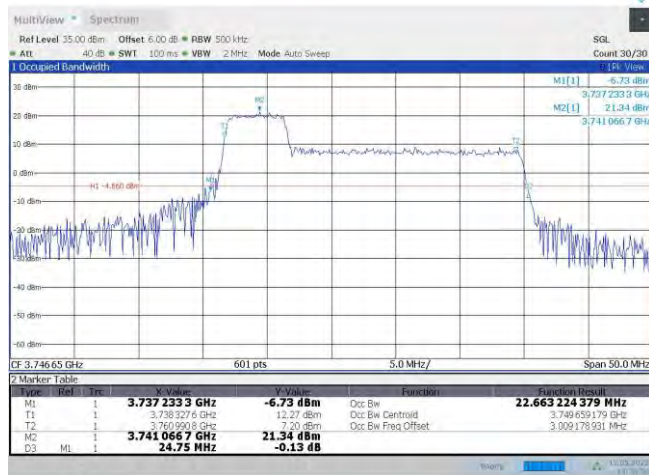
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14:54:11 12.05.2022

43-43-5MHz-20MHz-256QAM-256QAM-44998-45115-25RB#0-100RB#0



14:54:31 12.05.2022



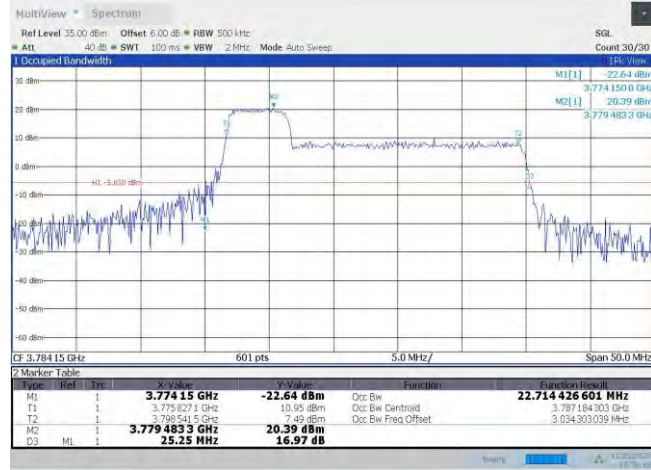
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43-43-5MHz-20MHz-256QAM-256QAM-45373-45490-25RB#0-100RB#0



14:58:50 12.05.2022



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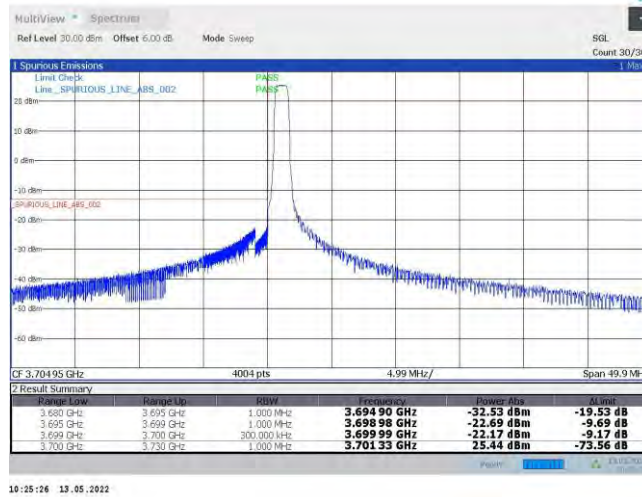
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### Band Edge

### Test Graphs

43-43-10MHz-20MHz-QPSK-QPSK-44645-44789-1RB#0-0RB#0



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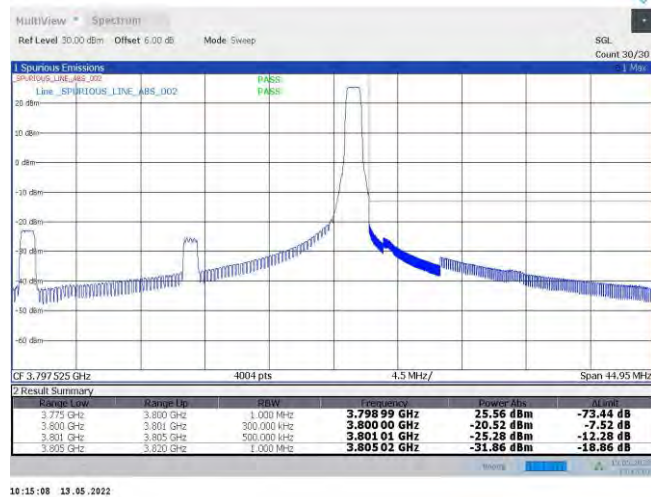
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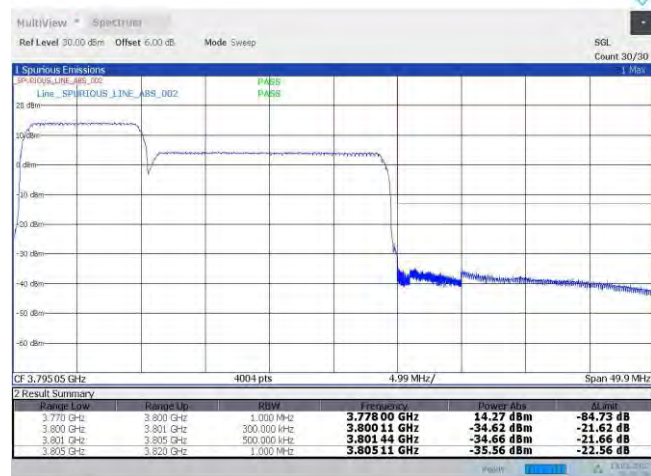
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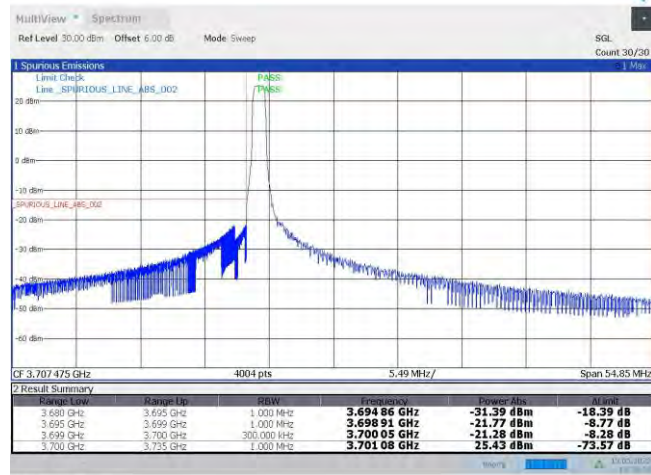
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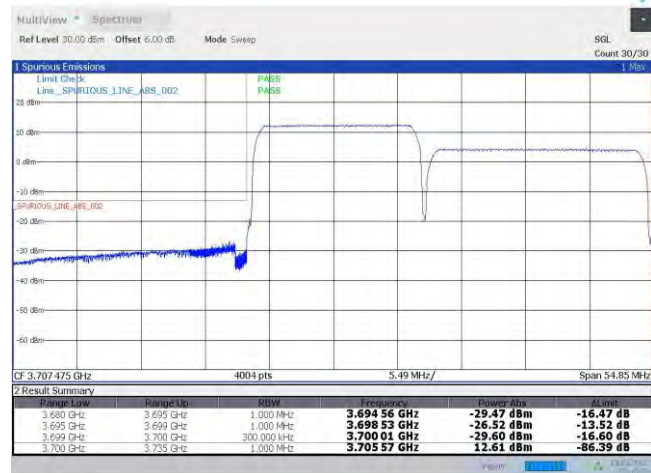


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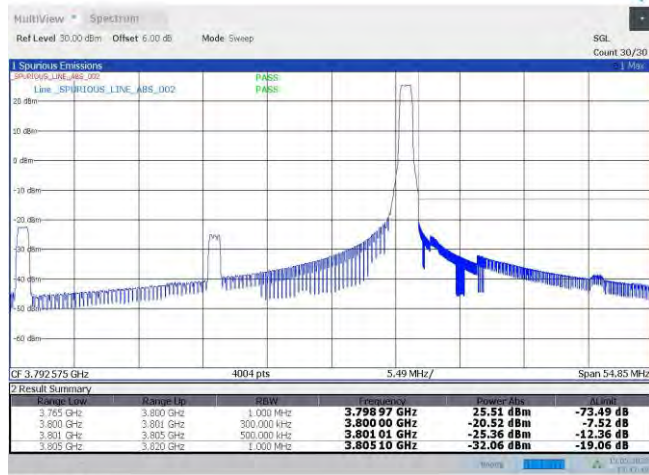


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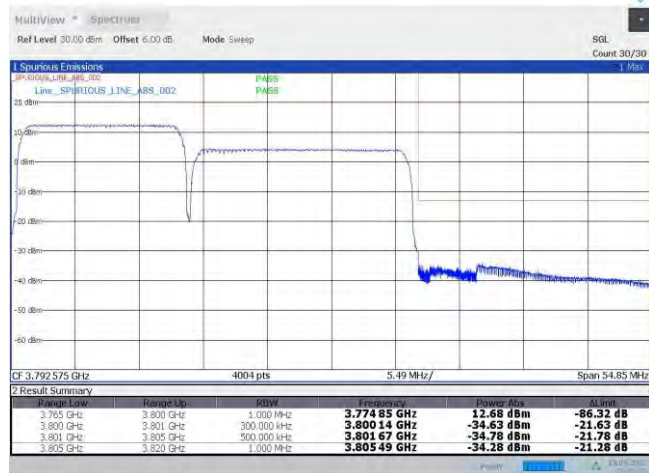
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43-43-15MHz-20MHz-QPSK-QPSK-45319-45490-0RB#0-1RB#99



10:42:50 13.05.2022

43-43-15MHz-20MHz-QPSK-QPSK-45319-45490-75RB#0-100RB#0



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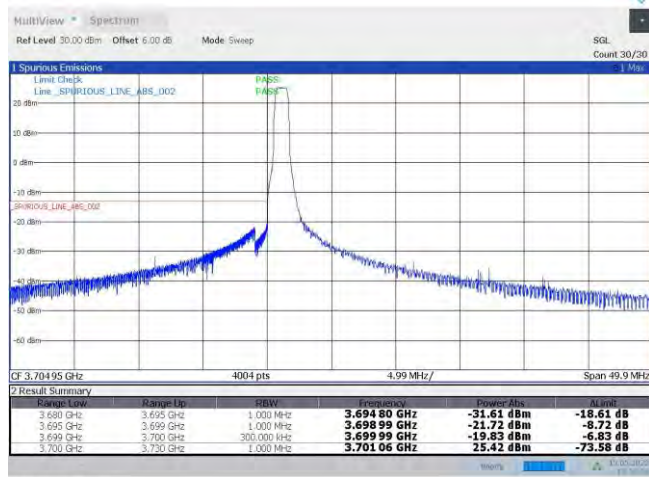
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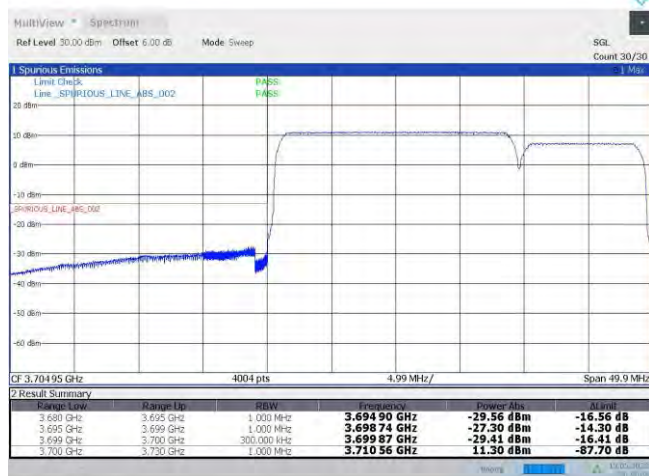
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 t (86-512) 62992980 sgs.china@sgs.com

43-43-20MHz-10MHz-QPSK-QPSK-44690-44834-1RB#0-0RB#0



10:32:29 13.05.2022

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10:34:05 13.05.2022



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43-43-20MHz-10MHz-QPSK-QPSK-45391-45535-0RB#0-1RB#49



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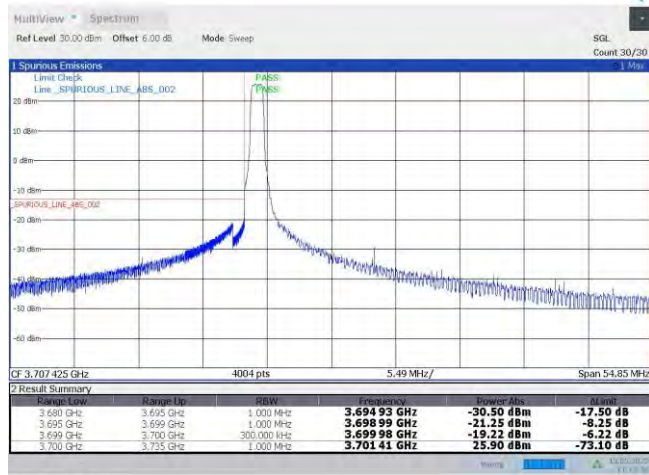


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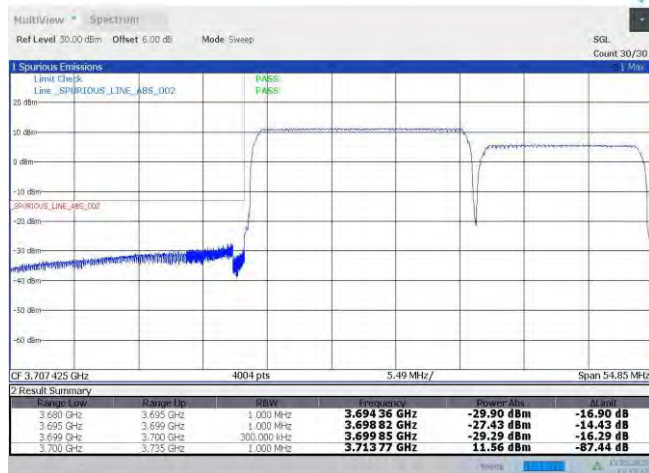
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43-43-20MHz-15MHz-QPSK-QPSK-45341-45512-1RB#0-0RB#0



11:14:37 13.05.2022

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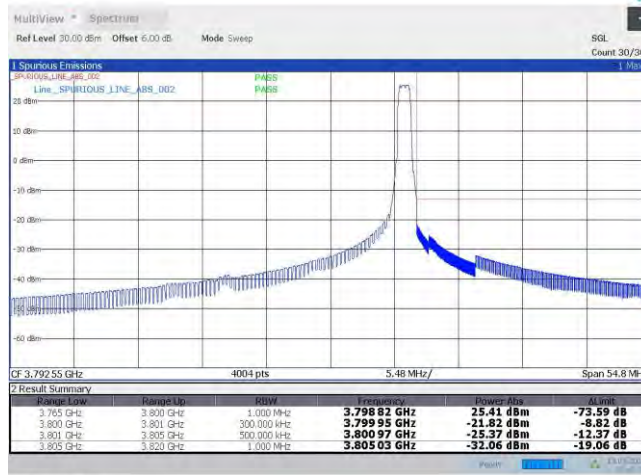
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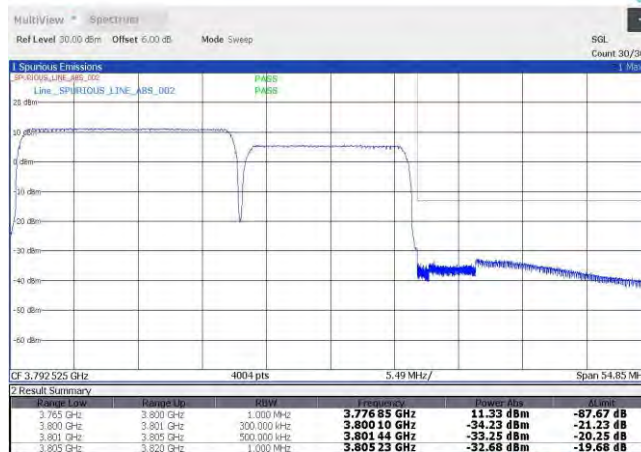
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43-43-20MHz-15MHz-QPSK-QPSK-45341-45512-0RB#0-1RB#74



10:47:28 13.05.2022

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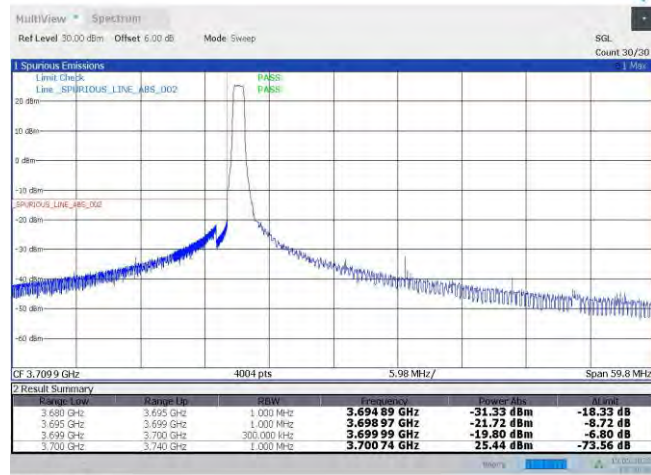
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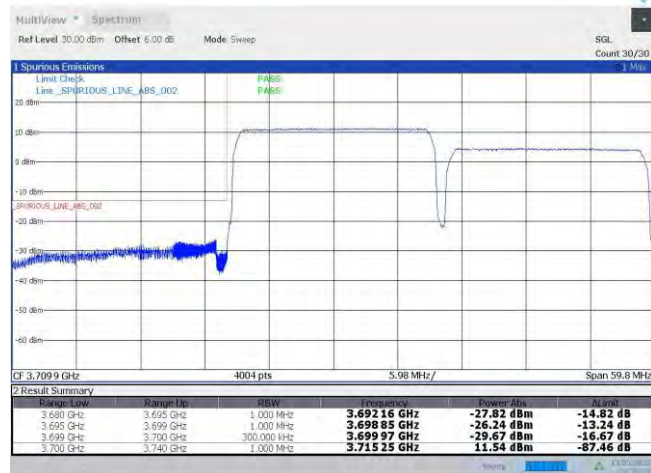


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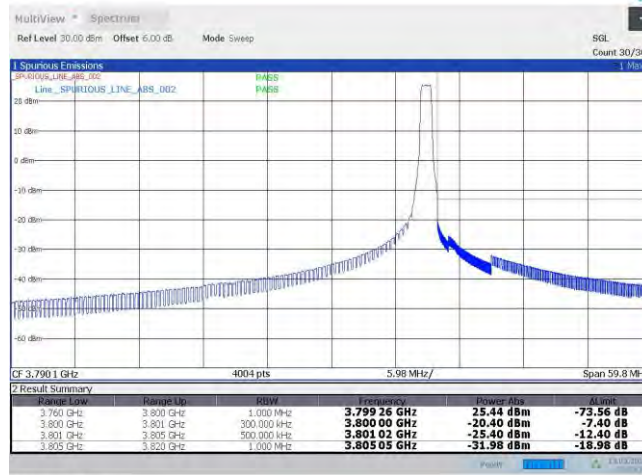


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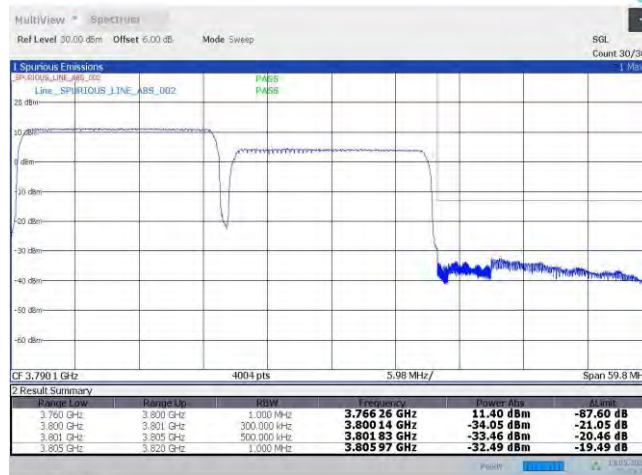
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43-43-20MHz-20MHz-QPSK-QPSK-45292-45490-0RB#0-1RB#99



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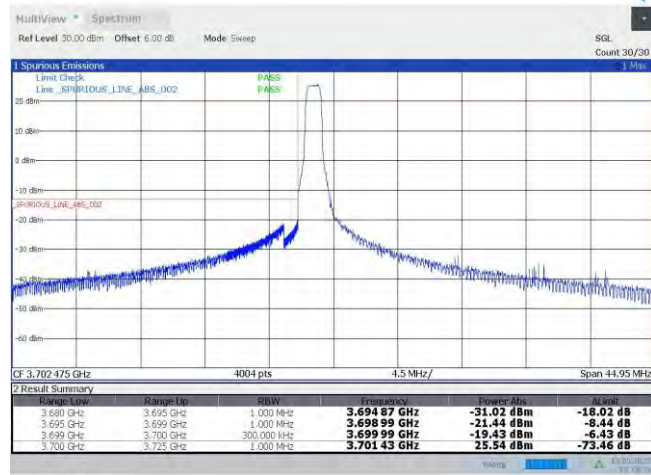


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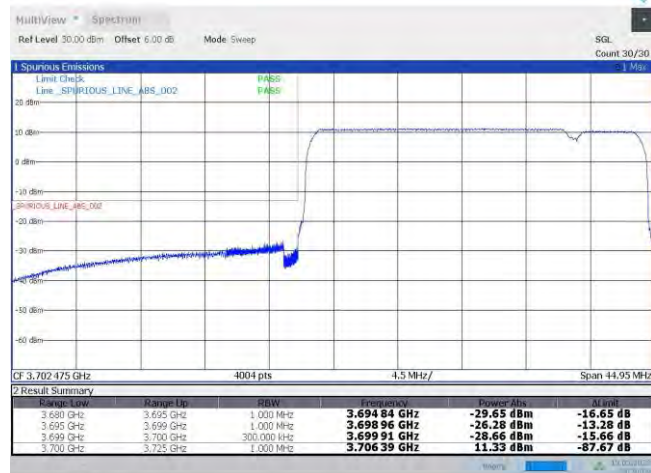
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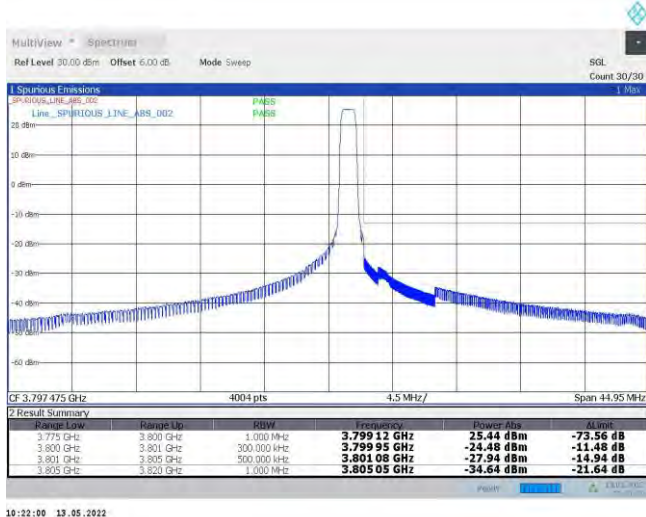
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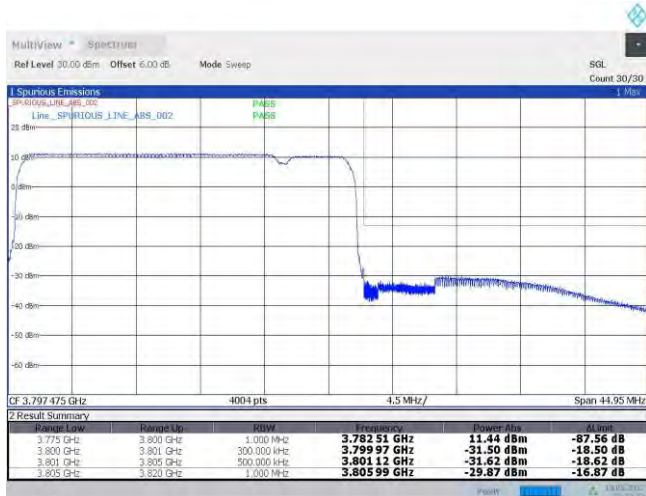


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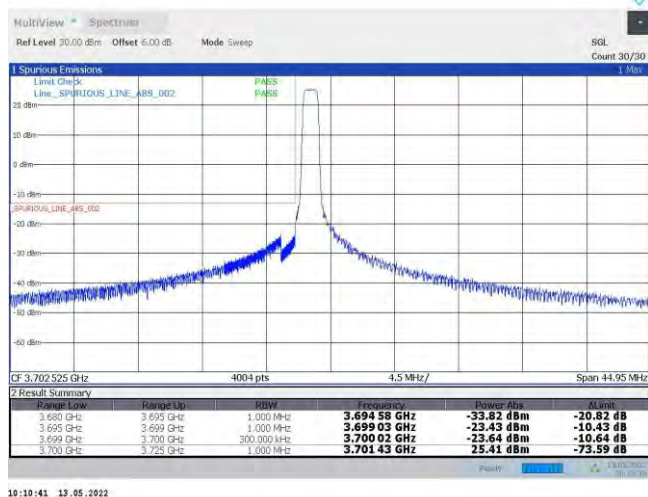
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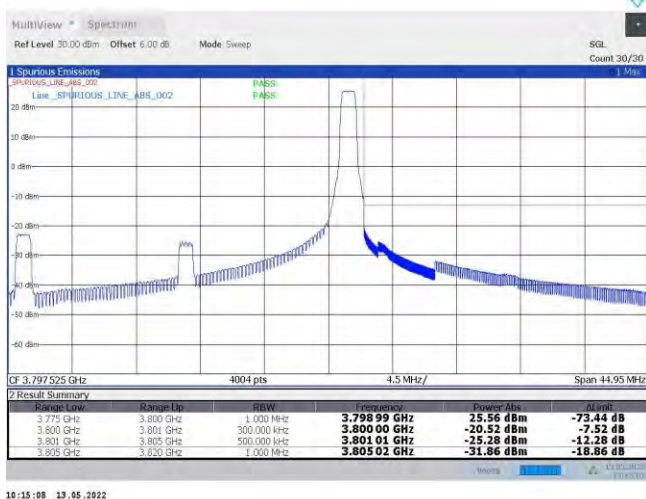
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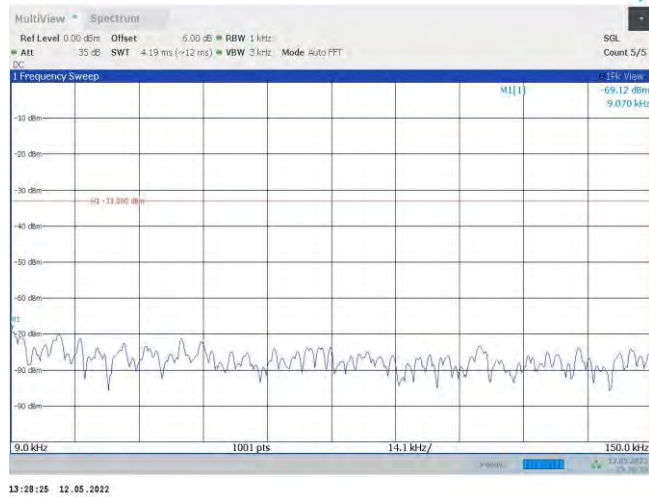
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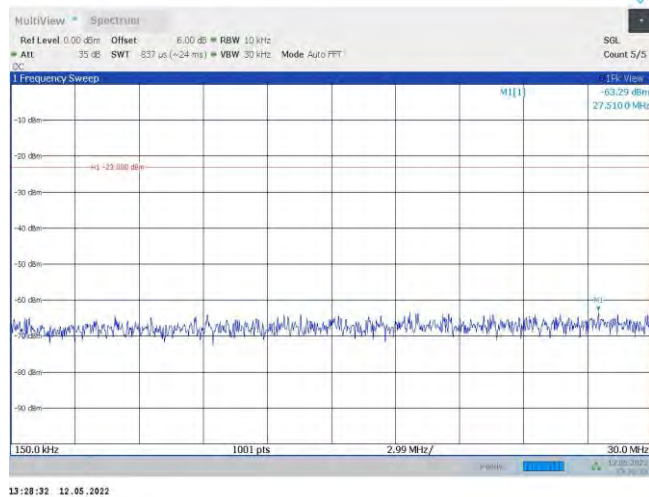
## Conducted Spurious Emission

### Test Graphs

43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-0.009~0.15MHz

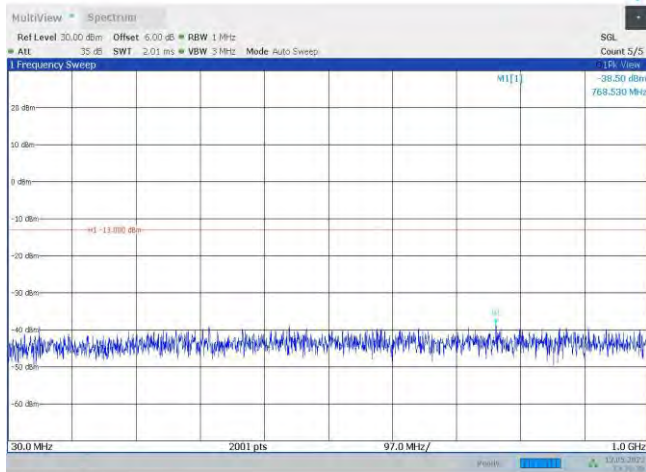


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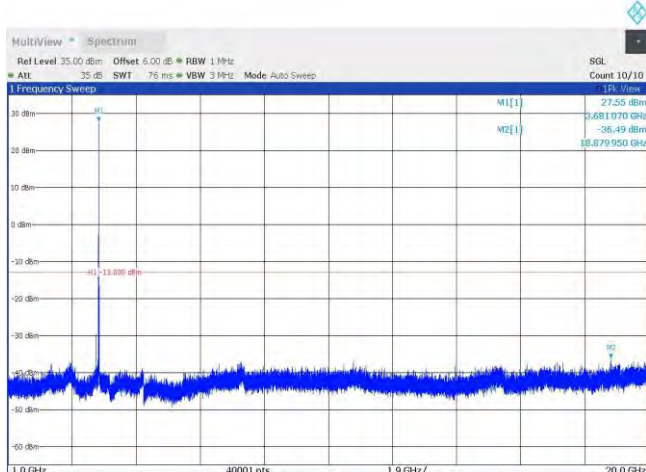
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43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-30~1000MHz



13:28:39 12.05.2022

43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-1000~20000MHz



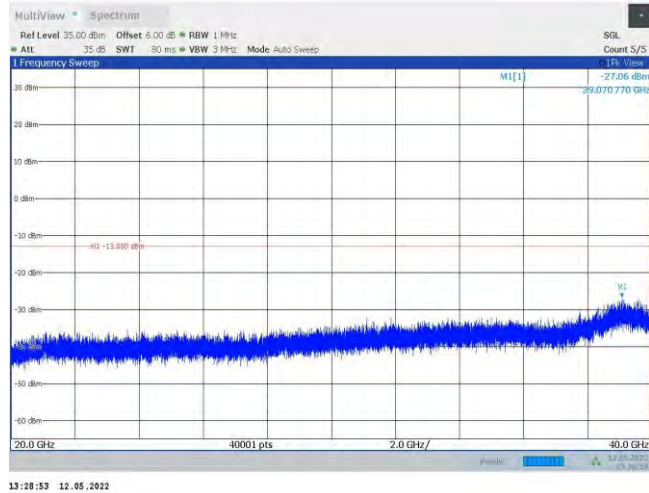
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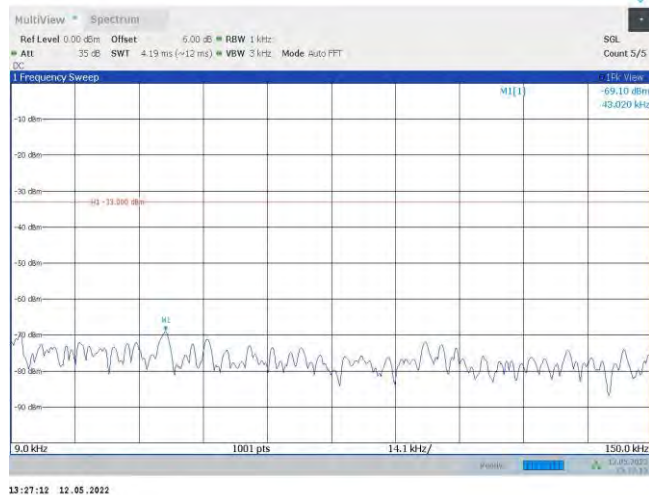
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43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-20000~40000MHz



43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-0.009~0.15MHz



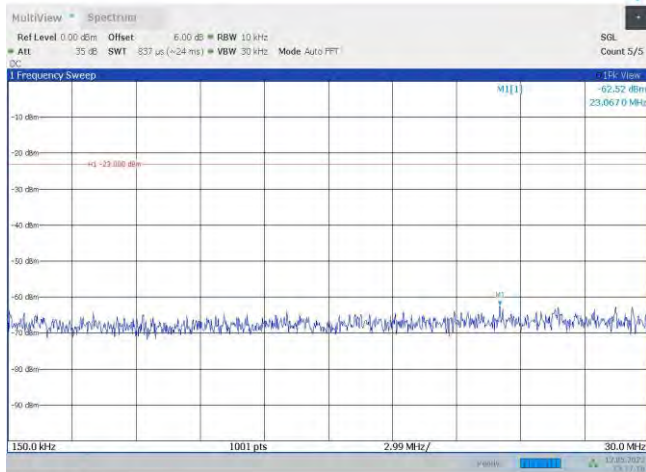
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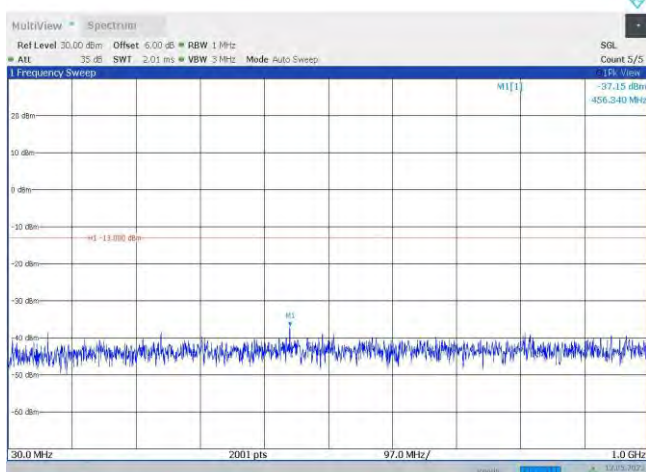


43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-0.15~30MHz



13:27:19 12.05.2022

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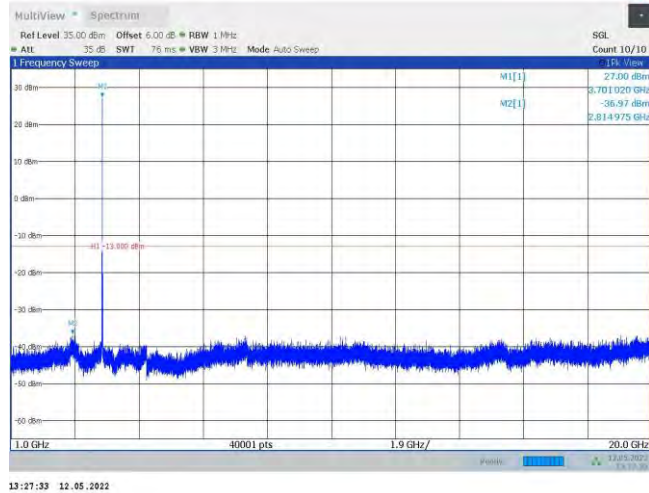
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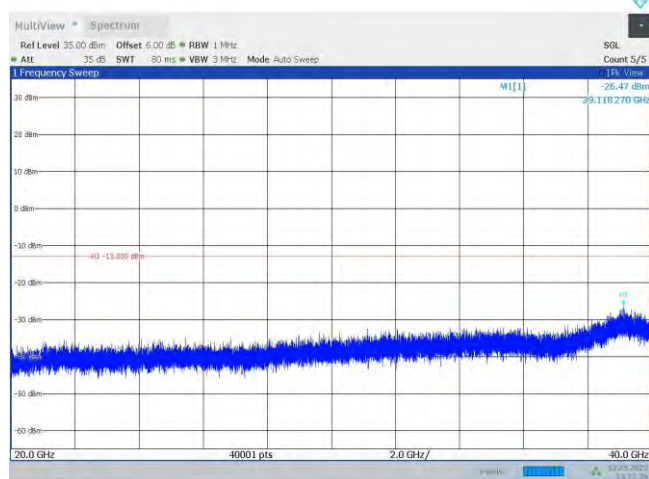
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43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-1000~20000MHz



13:27:33 12.05.2022

43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-20000~40000MHz



13:27:40 12.05.2022



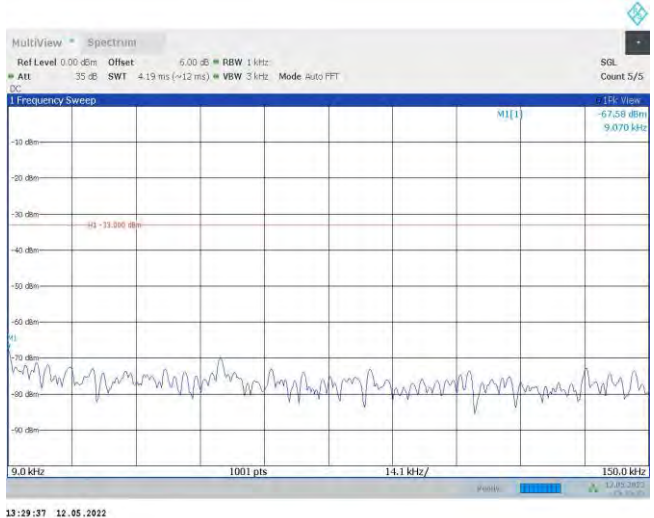
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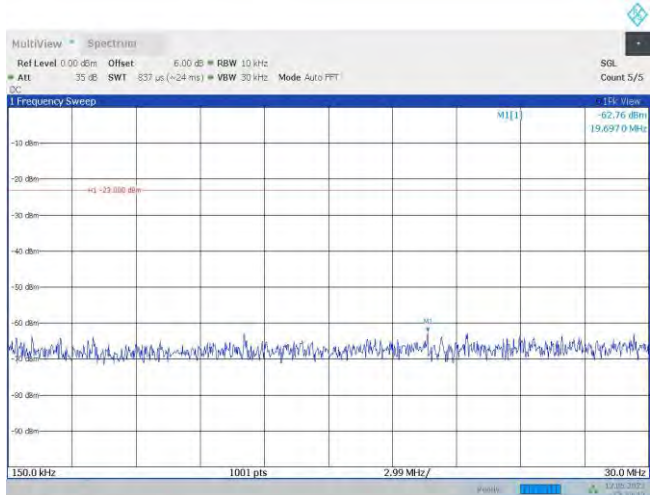
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43-43-20MHz-20MHz-QPSK-QPSK-45292-45490-1RB#0-0RB#0-0.009~0.15MHz



13:29:37 12.05.2022

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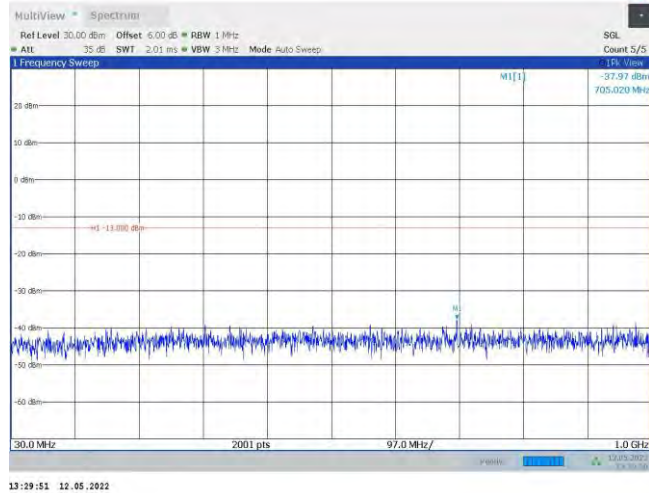
13:29:44 12.05.2022



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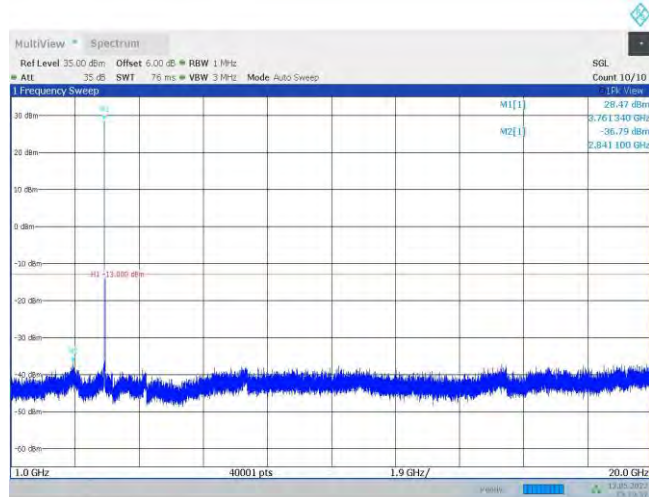


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13:29:58 12.05.2022



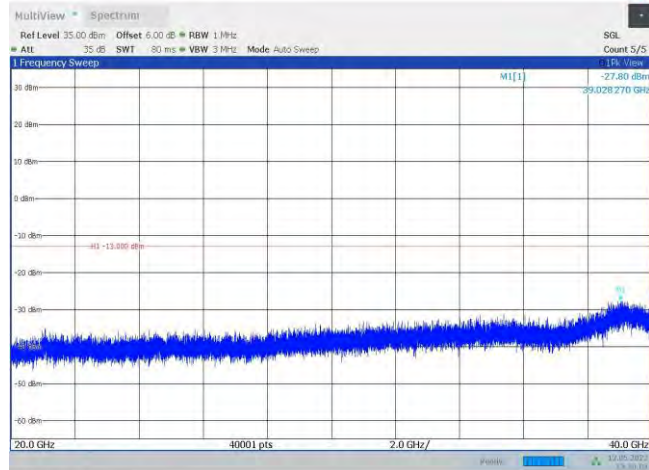
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### Field Strength of Spurious Radiation

Test Band = UL CA Band 43C 3700M-3800M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6418.5	53.36	-102.57	-49.21	-13.00	36.21	263	186	Horizontal
2	7402.18	48.67	-100.80	-52.13	-13.00	39.13	251	14	Horizontal
3	9283.8333	50.22	-95.05	-44.83	-13.00	31.83	142	282	Horizontal
4	11103.27	43.25	-90.92	-47.67	-13.00	34.67	284	6	Horizontal
5	14804.36	41.50	-89.75	-48.25	-13.00	35.25	176	267	Horizontal
6	17847.1667	42.46	-84.29	-41.83	-13.00	28.83	222	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6424.3333	52.84	-102.58	-49.74	-13.00	36.74	175	172	Vertical
2	7402	55.79	-100.80	-45.01	-13.00	32.01	263	39	Vertical
3	9318.8333	50.04	-94.94	-44.90	-13.00	31.90	254	93	Vertical
4	11103.27	42.66	-90.92	-48.26	-13.00	35.26	184	25	Vertical
5	13028.8333	45.94	-90.44	-44.50	-13.00	31.50	177	268	Vertical
6	14804.36	41.44	-89.75	-48.31	-13.00	35.31	156	93	Vertical



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**Test Band = UL CA Band 43C 3700M-3800M\_ TM1**  
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5915.6667	52.62	-104.31	-51.69	-13.00	38.69	263	1	Horizontal
2	7462.38	49.76	-100.52	-50.76	-13.00	37.76	284	308	Horizontal
3	9297.8333	49.98	-95.08	-45.10	-13.00	32.10	176	215	Horizontal
4	11193.57	43.32	-90.93	-47.61	-13.00	34.61	251	215	Horizontal
5	14924.76	41.36	-90.22	-48.86	-13.00	35.86	142	334	Horizontal
6	17863.5	43.72	-84.28	-40.56	-13.00	27.56	288	321	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6158.3333	51.18	-103.08	-51.90	-13.00	38.90	263	227	Vertical
2	7462.38	54.30	-100.52	-46.22	-13.00	33.22	285	50	Vertical
3	9327	49.72	-94.88	-45.16	-13.00	32.16	265	347	Vertical
4	11193.57	44.42	-90.93	-46.51	-13.00	33.51	241	347	Vertical
5	14924.76	41.70	-90.22	-48.52	-13.00	35.52	177	38	Vertical
6	17864.6667	42.58	-84.28	-41.70	-13.00	28.70	186	50	Vertical



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**Test Band = UL CA Band 43C 3700M-3800M\_ TM1**

**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6417.3333	52.52	-102.57	-50.05	-13.00	37.05	142	199	Horizontal
2	7522.58	49.86	-100.22	-50.36	-13.00	37.36	286	347	Horizontal
3	9315.3333	49.72	-94.97	-45.25	-13.00	32.25	255	174	Horizontal
4	11283.87	42.74	-91.12	-48.38	-13.00	35.38	144	357	Horizontal
5	15045.16	42.57	-90.30	-47.73	-13.00	34.73	163	279	Horizontal
6	17846	43.07	-84.29	-41.22	-13.00	28.22	255	266	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6670.5	52.93	-101.95	-49.02	-13.00	36.02	263	52	Vertical
2	7522.58	54.09	-100.22	-46.13	-13.00	33.13	285	320	Vertical
3	9308.3333	49.52	-95.02	-45.50	-13.00	32.50	263	158	Vertical
4	11283.87	44.17	-91.12	-46.95	-13.00	33.95	255	0	Vertical
5	15045.16	44.17	-90.30	-46.13	-13.00	33.13	144	357	Vertical
6	17863.5	43.30	-84.28	-40.98	-13.00	27.98	185	64	Vertical



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**Test on the worst case:**

**Test Band = LTE UL CA Band 43C 3700M-3800M\_ TM1**

**Test Channel = Low Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9433.9375	38.03	-37.80	38.56	-56.48	-13.00	43.48	296	359	Horizontal
2	13068.8958	34.23	-34.70	39.64	-56.09	-13.00	43.09	265	347	Horizontal
3	17360.3125	32.34	-31.78	40.04	-54.65	-13.00	41.65	284	130	Horizontal
4	7402.18	41.46	-41.98	36.44	-59.34	-13.00	46.34	142	204	Horizontal
5	11103.27	32.27	-35.16	39.50	-58.65	-13.00	45.65	263	130	Horizontal
6	14804.36	31.20	-33.88	39.40	-58.55	-13.00	45.55	228	147	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	9322.2917	38.15	-38.23	38.57	-56.77	-13.00	43.77	196	3	Vertical
2	13074.1667	34.02	-34.68	39.64	-56.28	-13.00	43.28	265	360	Vertical
3	16929.5417	33.26	-31.94	38.55	-55.39	-13.00	42.39	284	354	Vertical
4	7402.18	41.35	-41.98	36.44	-59.45	-13.00	46.45	142	180	Vertical
5	11103.27	32.64	-35.16	39.50	-58.28	-13.00	45.28	263	310	Vertical
6	14804.36	31.03	-33.88	39.40	-58.72	-13.00	45.72	228	3	Vertical



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**Test Band = LTE UL CA Band 43C 3700M-3800M\_ TM1**

**Test Channel = Mid Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9583.4375	37.53	-37.83	38.54	-57.02	-13.00	44.02	296	258	Horizontal
2	13313.2708	34.12	-35.09	39.79	-56.44	-13.00	43.44	265	111	Horizontal
3	17060.3542	33.58	-32.23	38.84	-55.07	-13.00	42.07	284	220	Horizontal
4	7482.18	39.40	-41.66	36.49	-61.03	-13.00	48.03	142	330	Horizontal
5	11223.27	32.75	-35.10	39.38	-58.23	-13.00	45.23	263	360	Horizontal
6	14964.36	31.25	-34.32	39.24	-59.09	-13.00	46.09	225	130	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	9433.4583	37.82	-37.80	38.56	-56.68	-13.00	43.68	102	360	Vertical
2	12705.6875	34.71	-35.36	39.31	-56.60	-13.00	43.60	265	92	Vertical
3	17277.4167	33.09	-31.82	39.71	-54.28	-13.00	41.28	254	279	Vertical
4	7482.18	39.75	-41.66	36.49	-60.68	-13.00	47.68	142	187	Vertical
5	11223.27	33.12	-35.10	39.38	-57.86	-13.00	44.86	263	16	Vertical
6	14964.36	31.57	-34.32	39.24	-58.77	-13.00	45.77	221	222	Vertical



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**Test Band = LTE UL CA Band 43C 3700M-3800M\_ TM1**  
**Test Channel = High Channel**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9569.5417	37.90	-37.88	38.54	-56.69	-13.00	43.69	296	205	Horizontal
2	13084.7083	34.24	-34.66	39.65	-56.03	-13.00	43.03	265	316	Horizontal
3	17819.8333	31.80	-30.94	41.88	-52.52	-13.00	39.52	284	316	Horizontal
4	7562.18	37.74	-41.37	36.62	-62.27	-13.00	49.27	142	316	Horizontal
5	11343.27	32.79	-35.42	39.26	-58.63	-13.00	45.63	263	93	Horizontal
6	15124.36	31.79	-33.83	39.04	-58.27	-13.00	45.27	224	167	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	9411.4167	37.08	-37.70	38.56	-57.32	-13.00	44.32	196	332	Vertical
2	14190.1458	33.80	-34.86	40.01	-56.31	-13.00	43.31	265	132	Vertical
3	17942.5	33.01	-31.24	42.37	-51.12	-13.00	38.12	254	277	Vertical
4	7562.18	36.54	-41.37	36.62	-63.47	-13.00	50.47	102	96	Vertical
5	11343.27	32.62	-35.42	39.26	-58.80	-13.00	45.80	254	151	Vertical
6	15124.36	31.89	-33.83	39.04	-58.17	-13.00	45.17	146	356	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
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VH	NT	31.50	0.008536	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VL	NT	37.10	0.010054	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VN	NT	36.90	0.010000	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	50	40.60	0.011002	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	40	44.00	0.011924	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	30	44.60	0.012086	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	20	40.70	0.011030	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	10	50.80	0.013767	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	0	45.70	0.012384	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-10	43.50	0.011788	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-20	38.10	0.010325	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-30	40.80	0.011057	PASS

---End of Attachment---



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