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Appendix B.19

LTE CA_66C



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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
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	1RB#0-0RB#0	23.38	21.98	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	21.76	20.36	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	1RB#0-0RB#0	23.21	21.81	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	22.02	20.62	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	1RB#0-0RB#0	23.2	21.8	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	22.02	20.62	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	1RB#0-0RB#0	22.69	21.29	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	21.13	19.73	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	1RB#0-0RB#0	22.39	20.99	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	21.12	19.72	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	1RB#0-0RB#0	22.41	21.01	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	21.58	20.18	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	1RB#0-0RB#0	21.72	20.32	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	21.18	19.78	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	1RB#0-0RB#0	21.68	20.28	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	21.07	19.67	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	1RB#0-0RB#0	21.51	20.11	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	21.09	19.69	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	1RB#0-0RB#0	18.56	17.16	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	18.63	17.23	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	1RB#0-0RB#0	18.42	17.02	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	18.69	17.29	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	1RB#0-0RB#0	18.54	17.14	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	18.44	17.04	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	1RB#0-0RB#0	23.33	21.93	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	22.17	20.77	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	1RB#0-0RB#0	23.27	21.87	30	PASS



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66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	22.08	20.68	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	1RB#0-0RB#0	23.24	21.84	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	22.14	20.74	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	1RB#0-0RB#0	22.56	21.16	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	21.18	19.78	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	1RB#0-0RB#0	22.53	21.13	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	21.02	19.62	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	1RB#0-0RB#0	22.39	20.99	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	21.27	19.87	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	1RB#0-0RB#0	21.65	20.25	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	21.21	19.81	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	1RB#0-0RB#0	21.65	20.25	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	21.08	19.68	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	1RB#0-0RB#0	21.61	20.21	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	21.14	19.74	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	1RB#0-0RB#0	18.63	17.23	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	18.45	17.05	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	1RB#0-0RB#0	18.63	17.23	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	18.52	17.12	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	1RB#0-0RB#0	18.63	17.23	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	18.41	17.01	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	23.26	21.86	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	75RB#0-50RB#0	22.2	20.8	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	23.16	21.76	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	75RB#0-50RB#0	22.11	20.71	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	23.1	21.7	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	75RB#0-50RB#0	22.14	20.74	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	1RB#0-0RB#0	22.57	21.17	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	21.17	19.77	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	1RB#0-0RB#0	22.31	20.91	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	21.25	19.85	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	1RB#0-0RB#0	22.37	20.97	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	21.11	19.71	30	PASS



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66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	21.78	20.38	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	75RB#0-50RB#0	21.2	19.8	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	21.58	20.18	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	75RB#0-50RB#0	21.12	19.72	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	21.49	20.09	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	75RB#0-50RB#0	21.2	19.8	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	1RB#0-0RB#0	18.36	16.96	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	18.32	16.92	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	1RB#0-0RB#0	18.52	17.12	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	18.22	16.82	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	1RB#0-0RB#0	18.45	17.05	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	18.25	16.85	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	1RB#0-0RB#0	23.43	22.03	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	22.15	20.75	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	1RB#0-0RB#0	23.23	21.83	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	22.08	20.68	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	1RB#0-0RB#0	23.08	21.68	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	22.07	20.67	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	1RB#0-0RB#0	22.39	20.99	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	21.15	19.75	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	1RB#0-0RB#0	22.44	21.04	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	21.19	19.79	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	1RB#0-0RB#0	22.41	21.01	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	21.28	19.88	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	1RB#0-0RB#0	21.65	20.25	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	21.19	19.79	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	1RB#0-0RB#0	21.34	19.94	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	21.16	19.76	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	1RB#0-0RB#0	21.58	20.18	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	21.11	19.71	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	1RB#0-0RB#0	19.12	17.72	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	75RB#0-75RB#0	18.63	17.23	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	1RB#0-0RB#0	19.41	18.01	30	PASS



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66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	75RB#0-75RB#0	18.21	16.81	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	1RB#0-0RB#0	19.32	17.92	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	75RB#0-75RB#0	18.25	16.85	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	1RB#0-0RB#0	23.27	21.87	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	75RB#0-100RB#0	22.16	20.76	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	1RB#0-0RB#0	23.21	21.81	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	22.14	20.74	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	1RB#0-0RB#0	23.18	21.78	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	75RB#0-100RB#0	22.1	20.7	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	1RB#0-0RB#0	22.62	21.22	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	75RB#0-100RB#0	21.16	19.76	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	1RB#0-0RB#0	22.39	20.99	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	21.19	19.79	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	1RB#0-0RB#0	22.33	20.93	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	75RB#0-100RB#0	21.17	19.77	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	1RB#0-0RB#0	21.65	20.25	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	75RB#0-100RB#0	21.18	19.78	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	1RB#0-0RB#0	21.64	20.24	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	75RB#0-100RB#0	21.11	19.71	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	1RB#0-0RB#0	21.63	20.23	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	75RB#0-100RB#0	21.14	19.74	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	1RB#0-0RB#0	19.52	18.12	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	75RB#0-100RB#0	18.36	16.96	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	1RB#0-0RB#0	19.45	18.05	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	75RB#0-100RB#0	18.20	16.8	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	1RB#0-0RB#0	19.36	17.96	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	75RB#0-100RB#0	18.41	17.01	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	22.18	20.78	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	1RB#0-0RB#0	23.26	21.86	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	22.07	20.67	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	1RB#0-0RB#0	23.15	21.75	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	22.14	20.74	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	1RB#0-0RB#0	23.12	21.72	30	PASS



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66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	100RB#0-50RB#0	21.16	19.76	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	22.52	21.12	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	100RB#0-50RB#0	21.19	19.79	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	22.38	20.98	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	100RB#0-50RB#0	21.15	19.75	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	22.49	21.09	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	21.16	19.76	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	1RB#0-0RB#0	21.81	20.41	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	21.16	19.76	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	1RB#0-0RB#0	21.57	20.17	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	21.18	19.78	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	1RB#0-0RB#0	21.52	20.12	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	100RB#0-50RB#0	19.45	18.05	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	18.55	17.15	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	100RB#0-50RB#0	19.32	17.92	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	18.41	17.01	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	100RB#0-50RB#0	19.25	17.85	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	18.52	17.12	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	22.14	20.74	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	1RB#0-0RB#0	23.3	21.9	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	22.14	20.74	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	1RB#0-0RB#0	23.17	21.77	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	22.11	20.71	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	1RB#0-0RB#0	23.13	21.73	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	100RB#0-75RB#0	21.22	19.82	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	22.51	21.11	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	100RB#0-75RB#0	21.25	19.85	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	22.26	20.86	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	100RB#0-75RB#0	21.14	19.74	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	22.33	20.93	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	21.2	19.8	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	1RB#0-0RB#0	21.81	20.41	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	21.17	19.77	30	PASS



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Table with 9 columns: Test ID, Frequency, Modulation, Range, Reference, and Results. Contains 40 rows of test data.



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66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	22.15	20.75	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	1RB#0-0RB#0	23.32	21.92	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	22.11	20.71	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	1RB#0-0RB#0	23.05	21.65	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	22.08	20.68	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	1RB#0-0RB#0	23.11	21.71	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	100RB#0-25RB#0	21.08	19.68	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	22.54	21.14	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	100RB#0-25RB#0	21.07	19.67	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	22.45	21.05	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	100RB#0-25RB#0	21.16	19.76	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	22.32	20.92	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	21.24	19.84	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	1RB#0-0RB#0	21.6	20.2	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	21.12	19.72	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	1RB#0-0RB#0	21.47	20.07	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	20.76	19.36	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	1RB#0-0RB#0	21.48	20.08	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	100RB#0-25RB#0	18.41	17.01	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	19.32	17.92	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	100RB#0-25RB#0	18.41	17.01	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	19.45	18.05	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	100RB#0-25RB#0	18.52	17.12	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	19.36	17.96	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132005-132122	1RB#0-0RB#0	23.49	22.09	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132005-132122	25RB#0-100RB#0	22.3	20.9	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132027-132171	1RB#0-0RB#0	23.21	21.81	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	22.52	21.12	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132328-132472	1RB#0-0RB#0	23.36	21.96	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132330-132447	1RB#0-0RB#0	23.33	21.93	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132330-132447	25RB#0-100RB#0	22.16	20.76	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132455-132572	1RB#0-0RB#0	23.39	21.99	30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132455-132572	25RB#0-100RB#0	22.17	20.77	30	PASS



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66-66	5MHz-20MHz	16QAM-16QAM	132005-132122	1RB#0-0RB#0	22.69	21.29	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132005-132122	25RB#0-100RB#0	21.32	19.92	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132027-132171	1RB#0-0RB#0	22.11	20.71	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	21.36	19.96	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132328-132472	1RB#0-0RB#0	22.12	20.72	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132330-132447	1RB#0-0RB#0	22.47	21.07	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132330-132447	25RB#0-100RB#0	21.15	19.75	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132455-132572	1RB#0-0RB#0	22.53	21.13	30	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132455-132572	25RB#0-100RB#0	21.23	19.83	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132005-132122	1RB#0-0RB#0	21.85	20.45	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132005-132122	25RB#0-100RB#0	21.34	19.94	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132027-132171	1RB#0-0RB#0	21.02	19.62	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	21.36	19.96	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132328-132472	1RB#0-0RB#0	21.00	19.6	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132330-132447	1RB#0-0RB#0	21.61	20.21	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132330-132447	25RB#0-100RB#0	21.23	19.83	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132455-132572	1RB#0-0RB#0	21.76	20.36	30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132455-132572	25RB#0-100RB#0	21.27	19.87	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132005-132122	1RB#0-0RB#0	18.45	17.05	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132005-132122	25RB#0-100RB#0	19.32	17.92	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132027-132171	1RB#0-0RB#0	18.41	17.01	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	19.36	17.96	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132330-132447	1RB#0-0RB#0	18.45	17.05	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132330-132447	25RB#0-100RB#0	19.32	17.92	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132455-132572	1RB#0-0RB#0	18.45	17.05	30	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132455-132572	25RB#0-100RB#0	18.45	17.05	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	6.06	13	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	6.18	13	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	6.16	13	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	6.64	13	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	6.66	13	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	6.66	13	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	7.48	13	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	7.12	13	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	6.80	13	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	7.08	13	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	7.00	13	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	7.08	13	PASS



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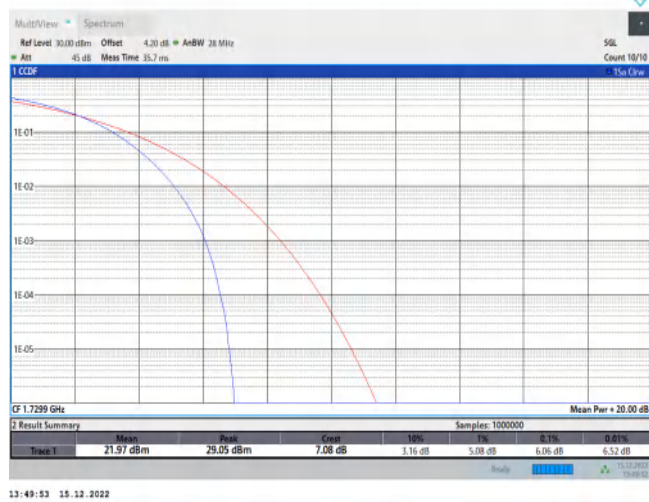
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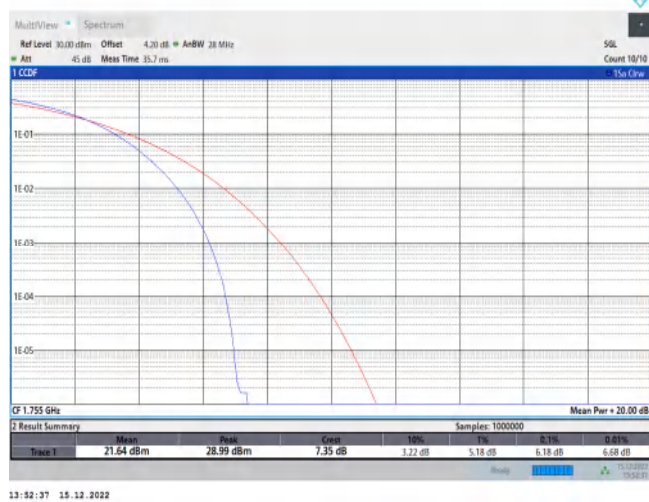
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Test Graphs

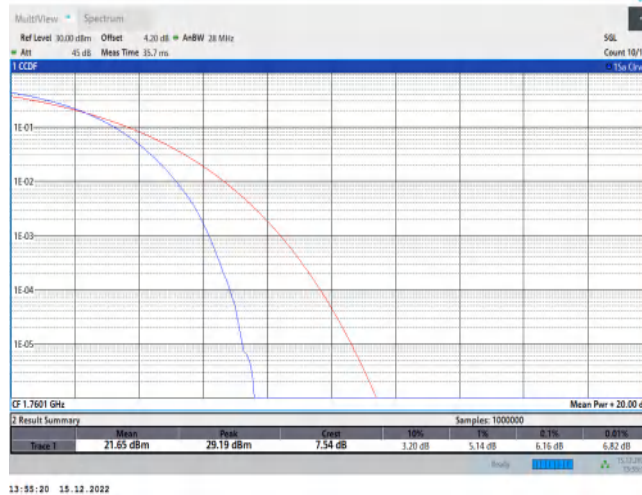
66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-100RB#0-100RB#0



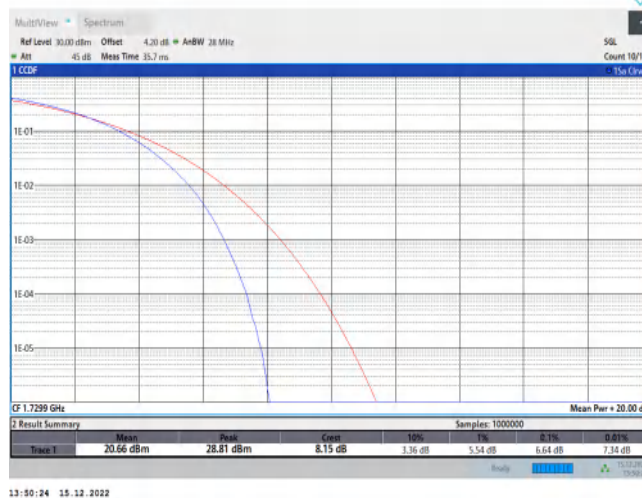
66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-100RB#0-100RB#0



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100RB#0-100RB#0



66-66-20MHz-20MHz-16QAM-16QAM-132072-132270-100RB#0-100RB#0

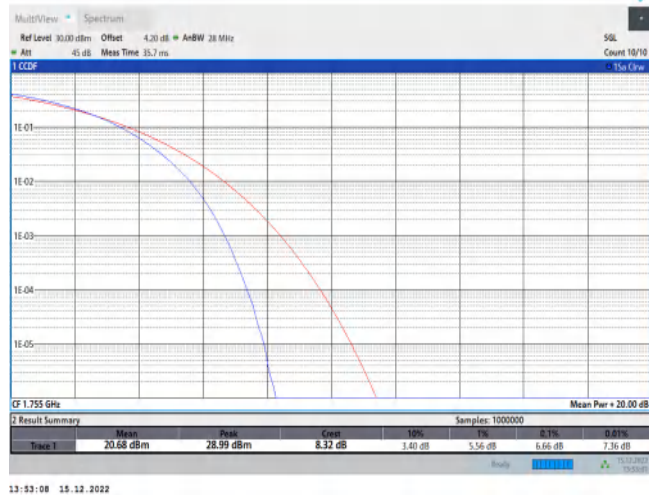


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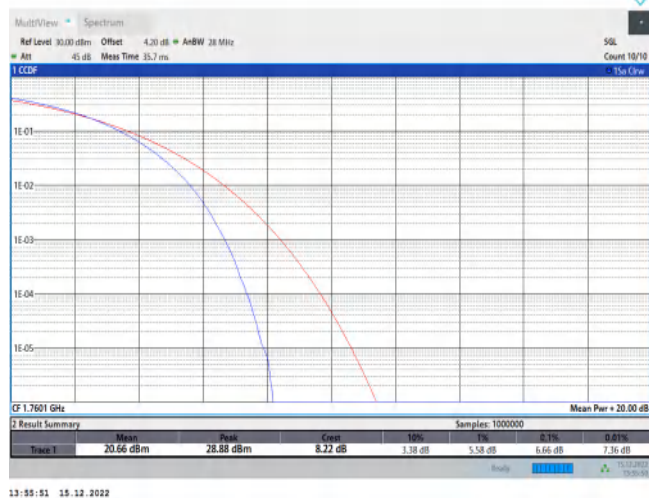
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66-66-20MHz-20MHz-16QAM-16QAM-132323-132521-100RB#0-100RB#0

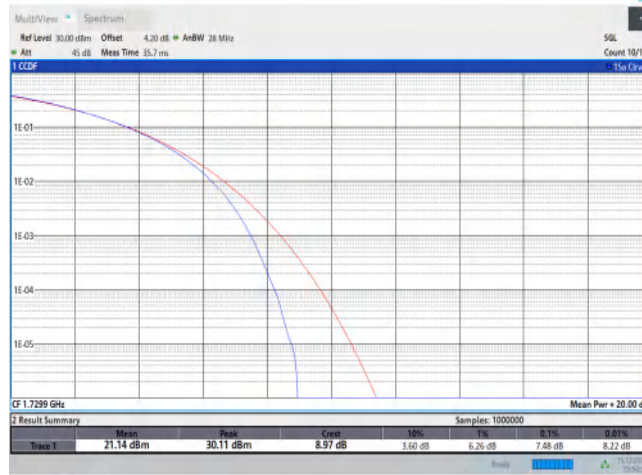


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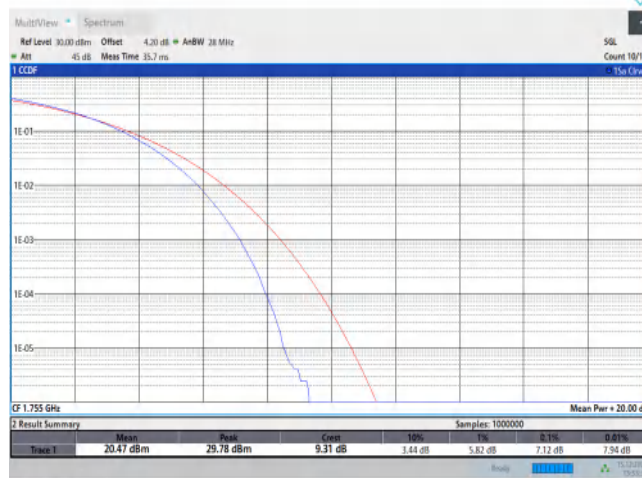
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66-66-20MHz-20MHz-64QAM-64QAM-132072-132270-100RB#0-100RB#0



13:50:54 15.12.2022

66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-100RB#0-100RB#0

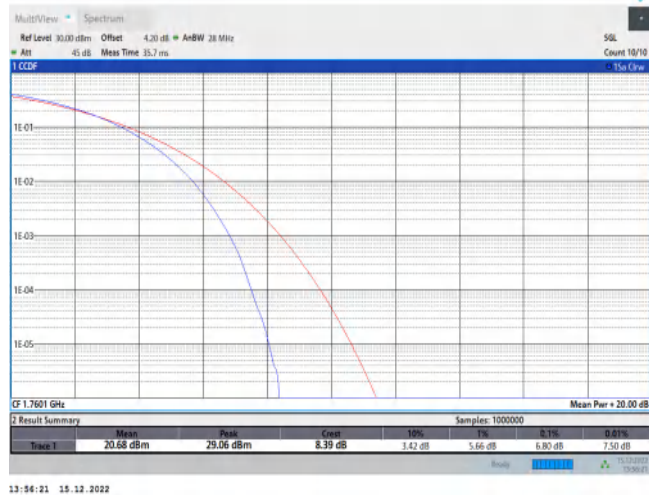


13:53:39 15.12.2022

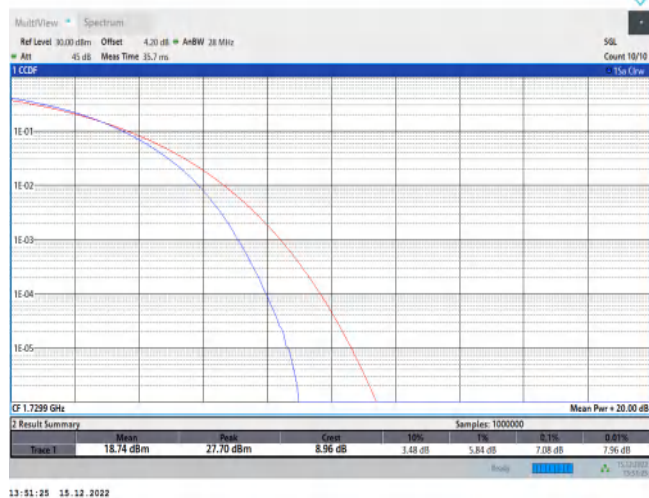


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66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-100RB#0-100RB#0

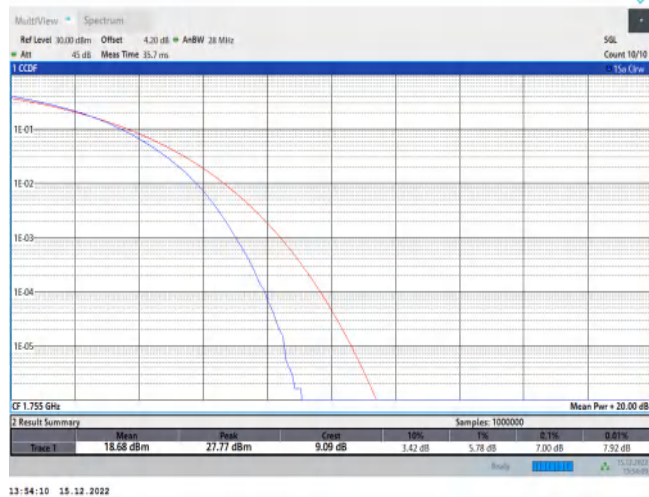


66-66-20MHz-20MHz-256QAM-256QAM-132072-132270-100RB#0-100RB#0

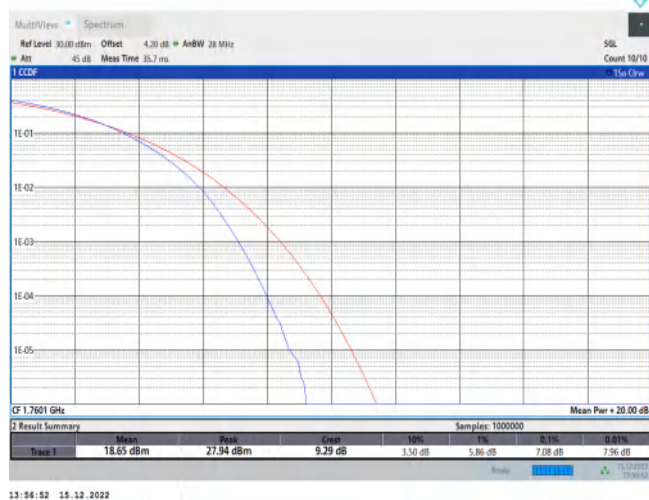


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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



66-66-20MHz-20MHz-256QAM-256QAM-132374-132572-100RB#0-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	PASS	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	PASS	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	PASS	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	PASS	PASS

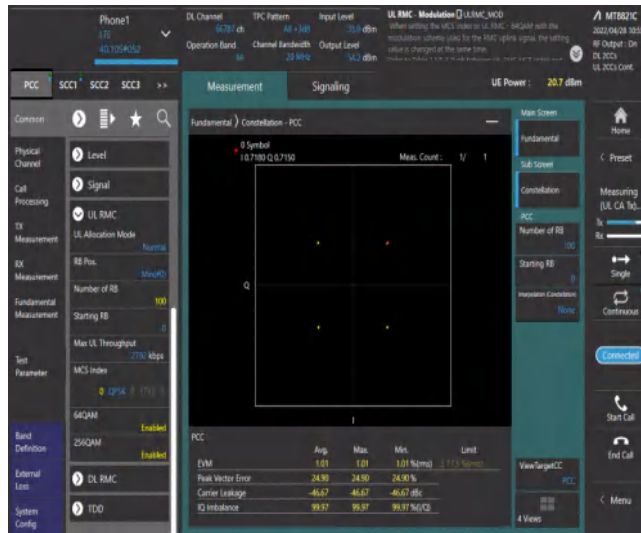


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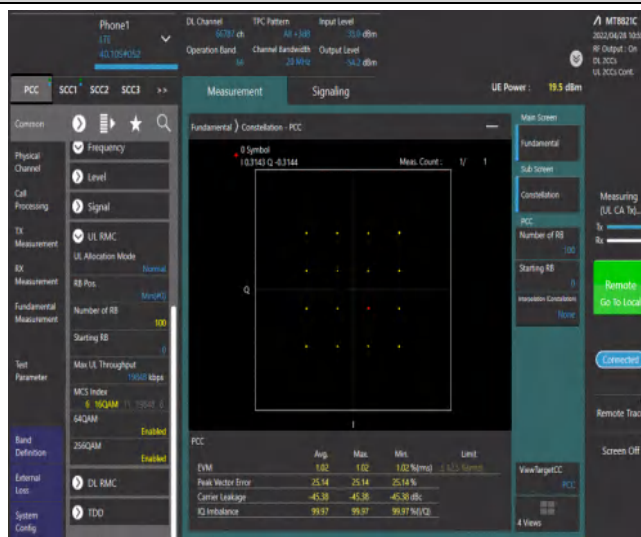
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Test Graphs

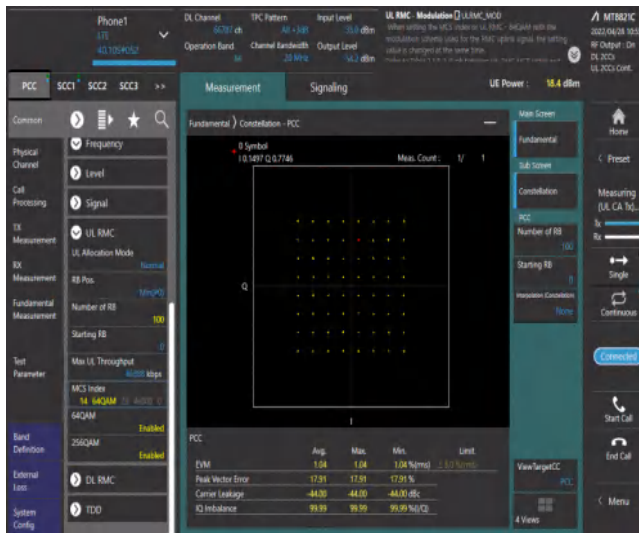
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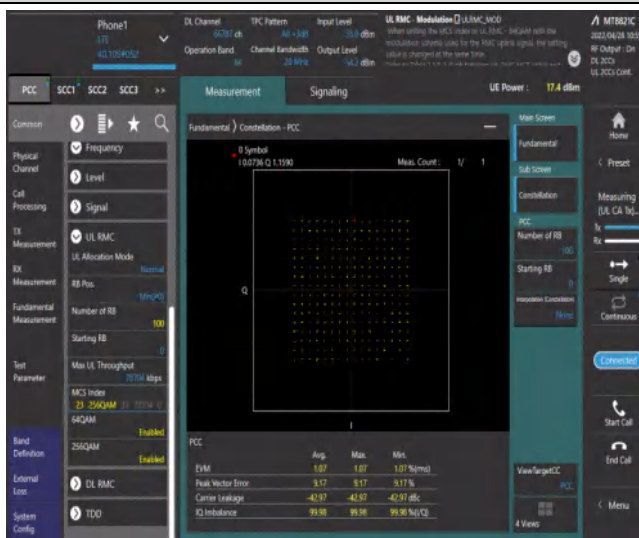
66-66-20MHz-20MHz-16QAM-16QAM -132323-132521-100RB#0-100RB#0



66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-100RB#0-100RB#0



66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#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
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	23.19	24.95	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	23.181	24.80	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	23.122	24.90	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	23.145	24.80	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	23.157	24.90	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	23.036	24.65	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	23.198	24.70	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	23.153	24.85	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	23.145	24.75	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	23.147	24.65	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	23.081	24.65	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	23.117	24.65	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	27.702	29.46	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	27.674	29.34	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	27.667	29.46	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	27.727	29.58	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	27.69	29.28	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	27.624	29.40	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	27.736	29.34	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	27.633	29.46	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	27.684	29.34	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	27.747	29.40	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	27.687	29.46	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	27.627	29.52	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	75RB#0-50RB#0	23.152	24.90	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	75RB#0-50RB#0	23.161	25.05	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	75RB#0-50RB#0	23.156	25.00	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	23.147	24.95	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	23.189	24.95	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	23.119	24.95	PASS



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66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	75RB#0-50RB#0	23.125	24.85	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	75RB#0-50RB#0	23.153	24.95	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	75RB#0-50RB#0	23.09	24.85	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	23.192	25.05	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	23.177	24.95	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	23.122	24.90	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	28.317	30.18	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	28.29	30.12	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	28.323	30.12	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	28.357	30.30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	28.303	30.18	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	28.315	30.18	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	28.253	30.18	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	28.359	30.18	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	28.319	30.30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	75RB#0-75RB#0	28.325	30.06	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	75RB#0-75RB#0	28.32	30.12	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	75RB#0-75RB#0	28.366	30.18	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	75RB#0-100RB#0	32.606	34.58	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	32.616	34.93	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	75RB#0-100RB#0	32.524	34.51	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	75RB#0-100RB#0	32.585	34.58	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	32.556	34.58	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	75RB#0-100RB#0	32.555	34.51	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	75RB#0-100RB#0	32.549	34.51	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	75RB#0-100RB#0	32.607	34.72	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	75RB#0-100RB#0	32.613	34.51	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	75RB#0-100RB#0	32.615	34.44	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	75RB#0-100RB#0	32.566	34.44	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	75RB#0-100RB#0	32.551	34.51	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	27.764	29.70	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	27.775	29.70	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	27.703	29.82	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	100RB#0-50RB#0	27.754	29.64	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	100RB#0-50RB#0	27.775	29.82	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	100RB#0-50RB#0	27.746	29.58	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	27.768	29.64	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	27.739	29.76	PASS



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Table with 8 columns: Test ID, Frequency, Modulation, Standard, Equipment, Result 1, Result 2, Pass/Fail. Contains 50 rows of test data.



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Report No.: SEWM2212000297RG01

Rev.: 01

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66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	100RB#0-25RB#0	22.933	24.55	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	100RB#0-25RB#0	22.902	24.70	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132005-132122	25RB#0-100RB#0	22.888	24.30	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132330-132447	25RB#0-100RB#0	22.879	24.20	PASS
66-66	5MHz-20MHz	QPSK-QPSK	132455-132572	25RB#0-100RB#0	22.942	24.20	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132005-132122	25RB#0-100RB#0	22.887	24.20	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132330-132447	25RB#0-100RB#0	22.881	24.20	PASS
66-66	5MHz-20MHz	16QAM-16QAM	132455-132572	25RB#0-100RB#0	22.889	24.25	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132005-132122	25RB#0-100RB#0	22.875	24.85	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132330-132447	25RB#0-100RB#0	22.87	24.30	PASS
66-66	5MHz-20MHz	64QAM-64QAM	132455-132572	25RB#0-100RB#0	22.871	24.25	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132005-132122	25RB#0-100RB#0	22.866	24.20	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132330-132447	25RB#0-100RB#0	22.837	24.10	PASS
66-66	5MHz-20MHz	256QAM-256QAM	132455-132572	25RB#0-100RB#0	22.794	24.25	PASS



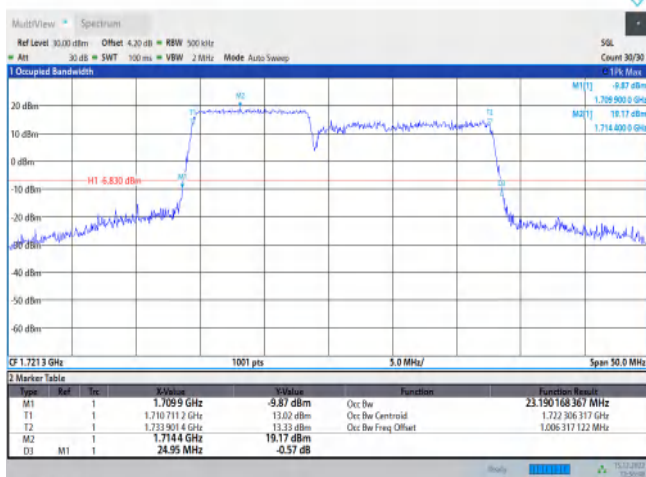
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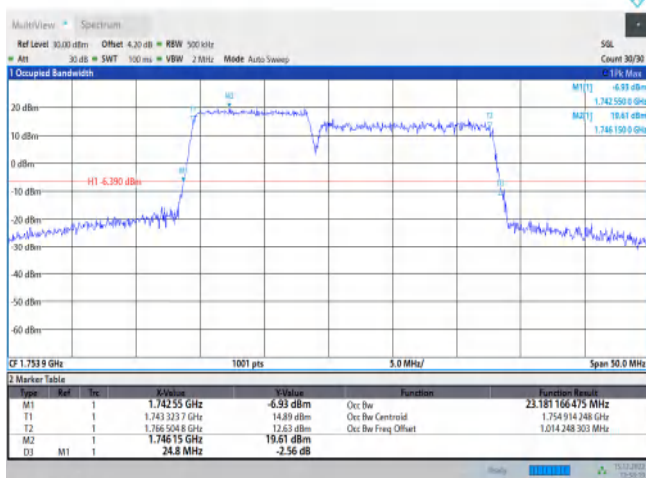
Test Graphs

66-66-10MHz-15MHz-QPSK-QPSK-132025-132145-50RB#0-75RB#0



12:56:09 15.12.2022

66-66-10MHz-15MHz-QPSK-QPSK-132351-132471-50RB#0-75RB#0



12:58:20 15.12.2022

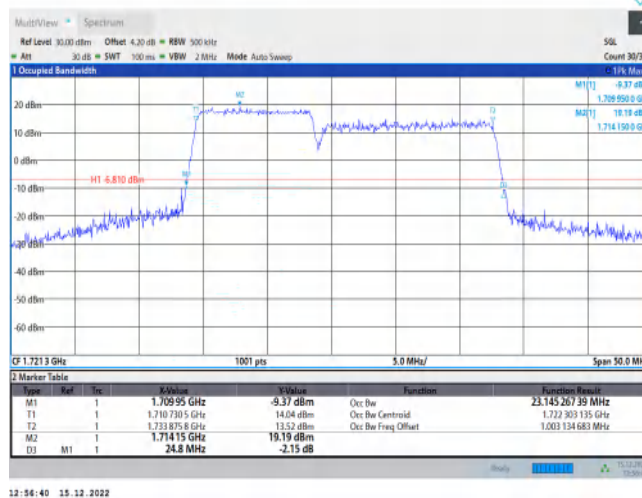


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66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-50RB#0-75RB#0



66-66-10MHz-15MHz-16QAM-16QAM-132025-132145-50RB#0-75RB#0

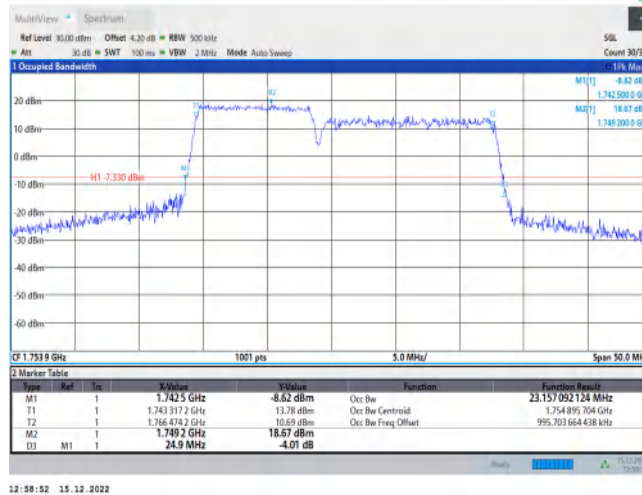


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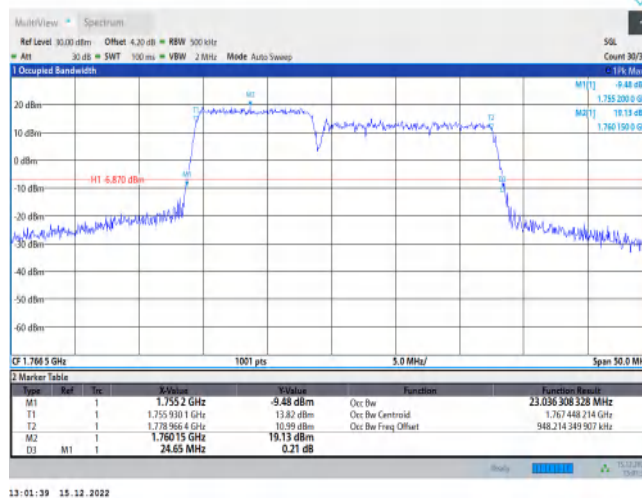
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66-66-10MHz-15MHz-16QAM-16QAM-132351-132471-50RB#0-75RB#0



66-66-10MHz-15MHz-16QAM-16QAM-132477-132597-50RB#0-75RB#0

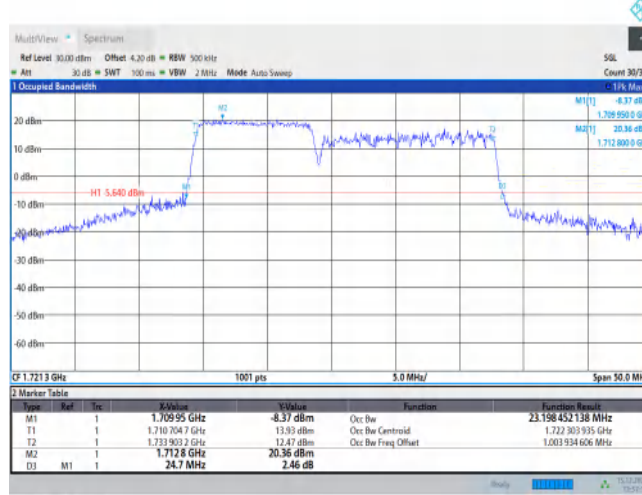


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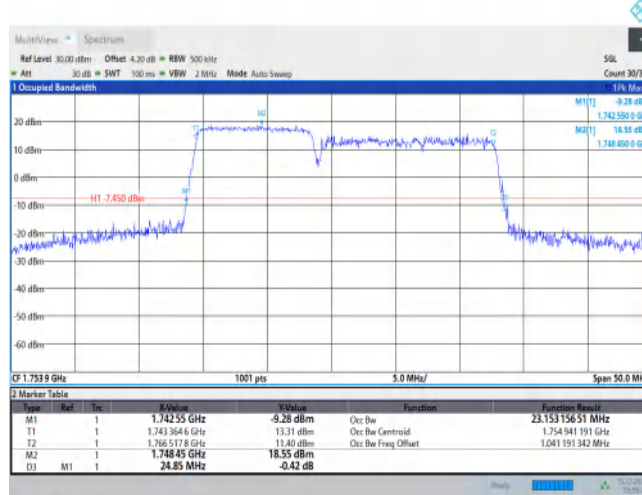
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66-66-10MHz-15MHz-64QAM-64QAM-132025-132145-50RB#0-75RB#0



66-66-10MHz-15MHz-64QAM-64QAM-132351-132471-50RB#0-75RB#0



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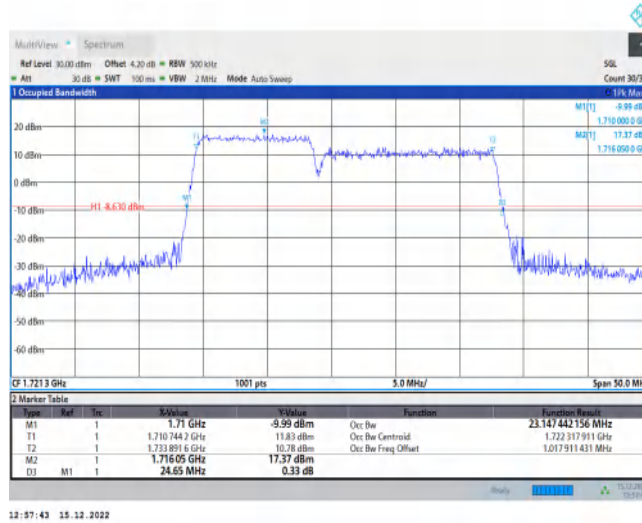
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66-66-10MHz-15MHz-64QAM-64QAM-132477-132597-50RB#0-75RB#0



66-66-10MHz-15MHz-256QAM-256QAM-132025-132145-50RB#0-75RB#0

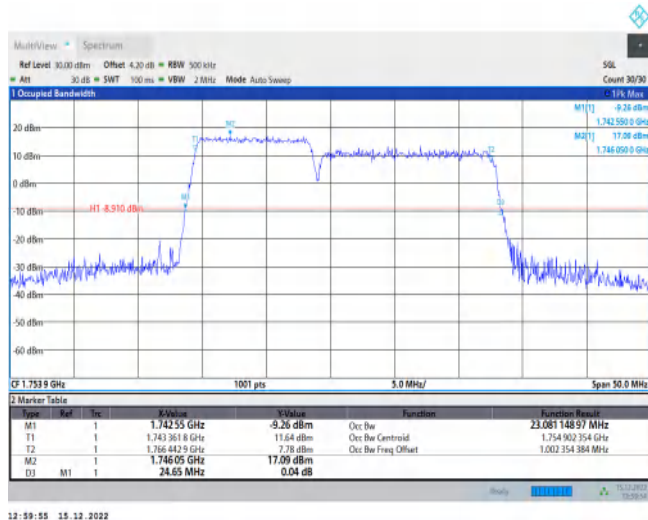


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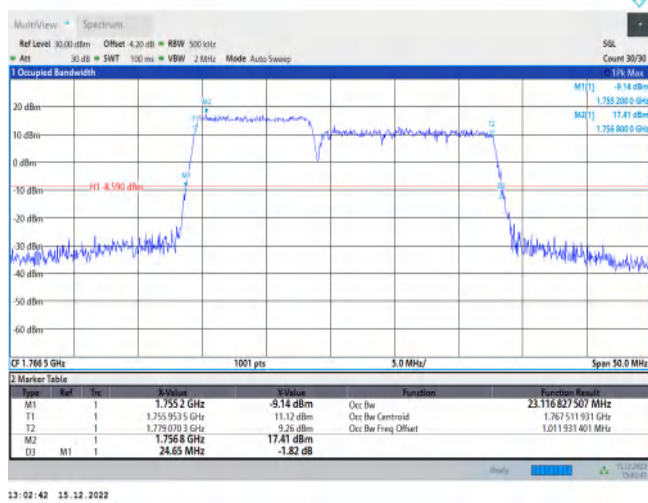
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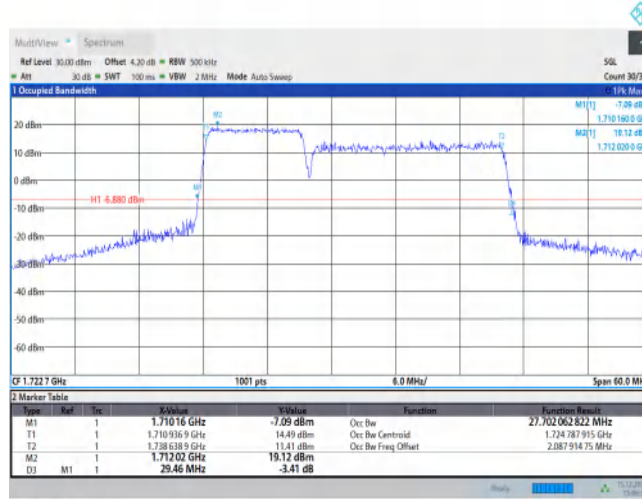


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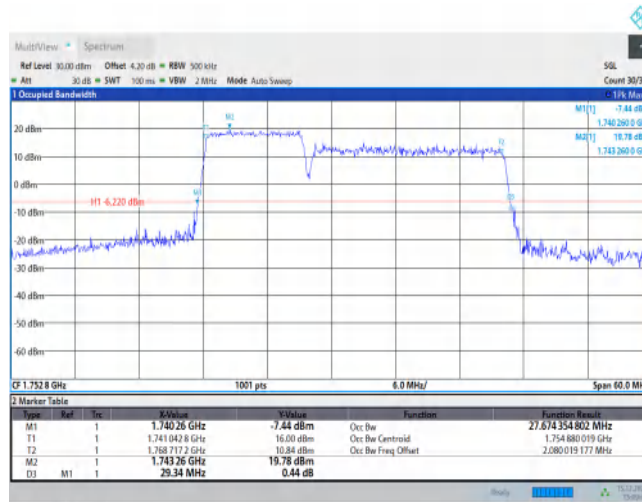


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66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-50RB#0-100RB#0



66-66-10MHz-20MHz-QPSK-QPSK-132328-132472-50RB#0-100RB#0



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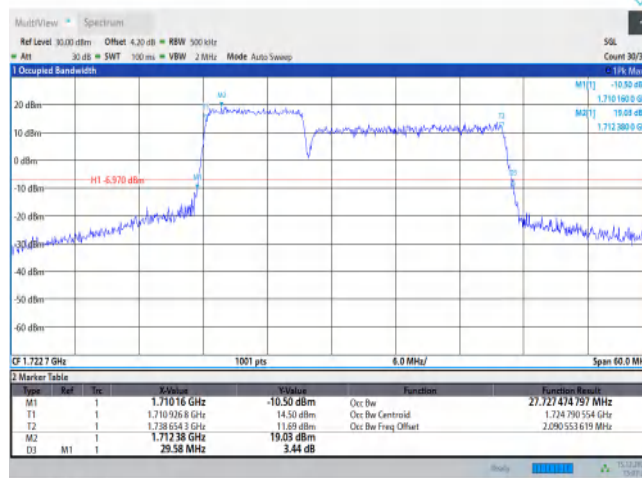
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66-66-10MHz-20MHz-QPSK-QPSK-132428-132572-50RB#0-100RB#0



13:11:18 15.12.2022

66-66-10MHz-20MHz-16QAM-16QAM-132027-132171-50RB#0-100RB#0



13:07:24 15.12.2022

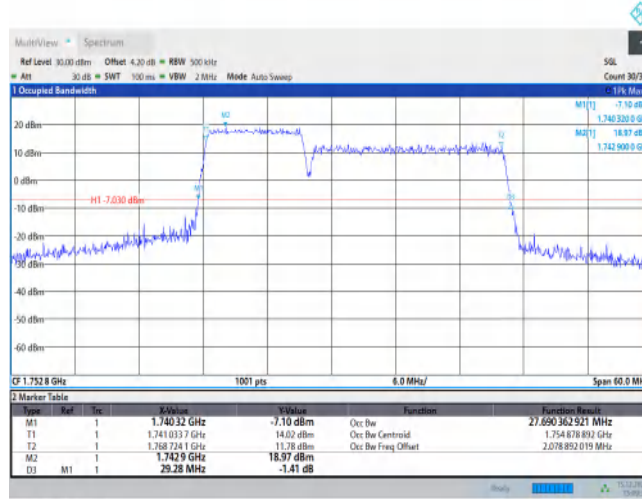


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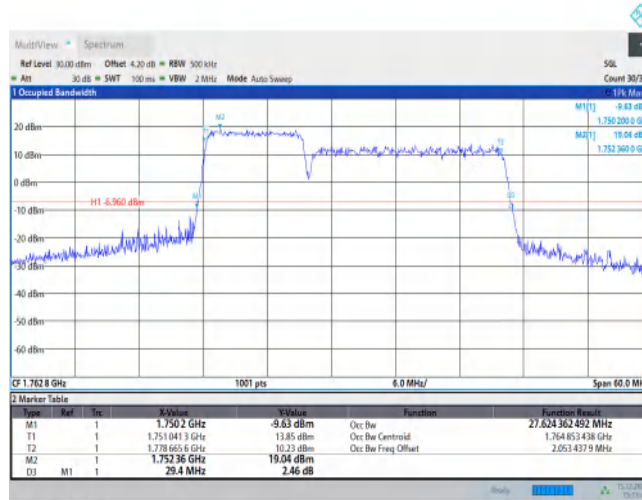
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66-66-10MHz-20MHz-16QAM-16QAM-132328-132472-50RB#0-100RB#0



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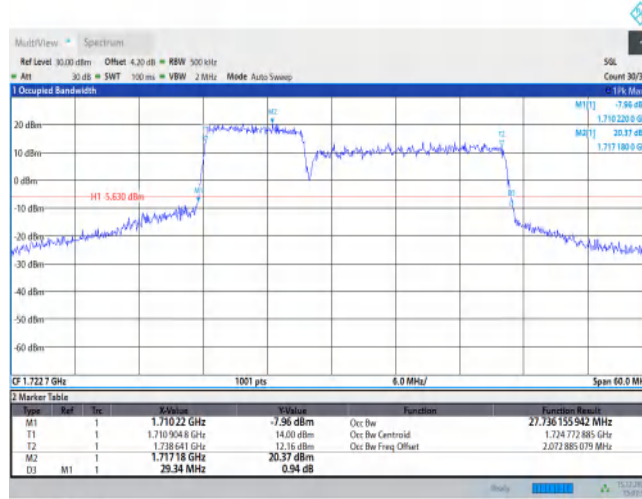


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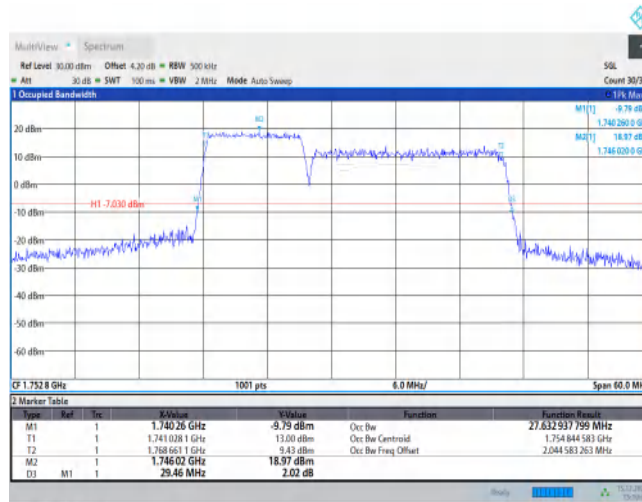


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66-66-10MHz-20MHz-64QAM-64QAM-132027-132171-50RB#0-100RB#0



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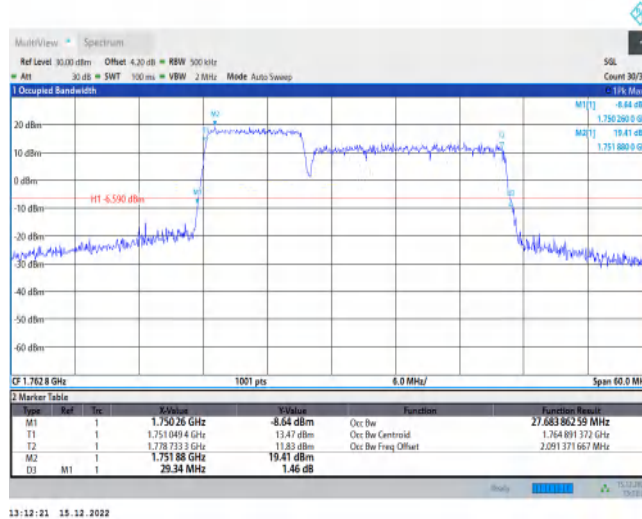


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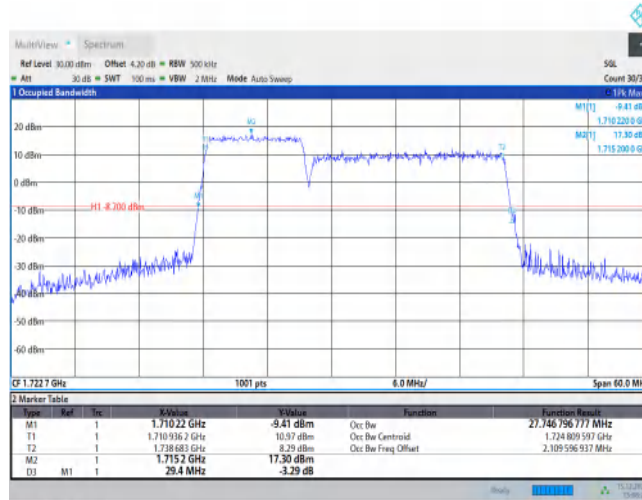
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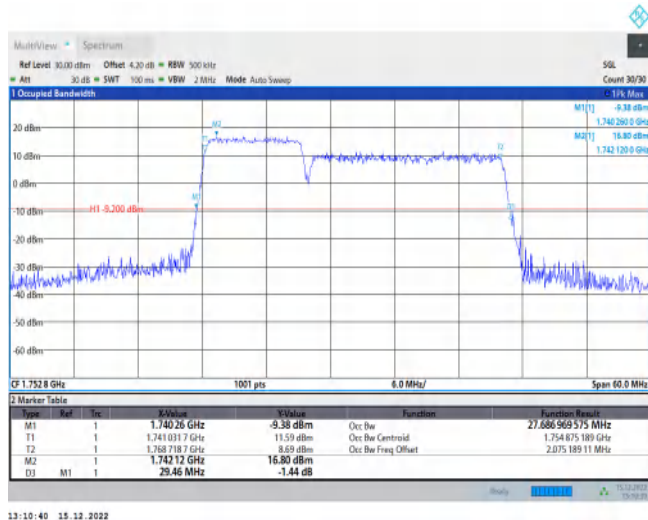
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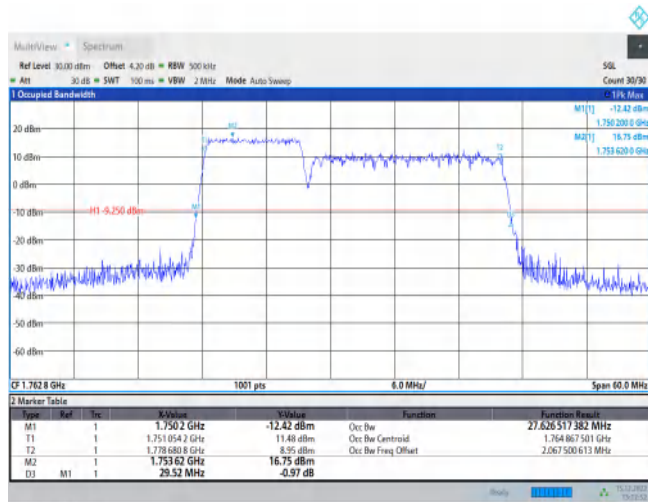
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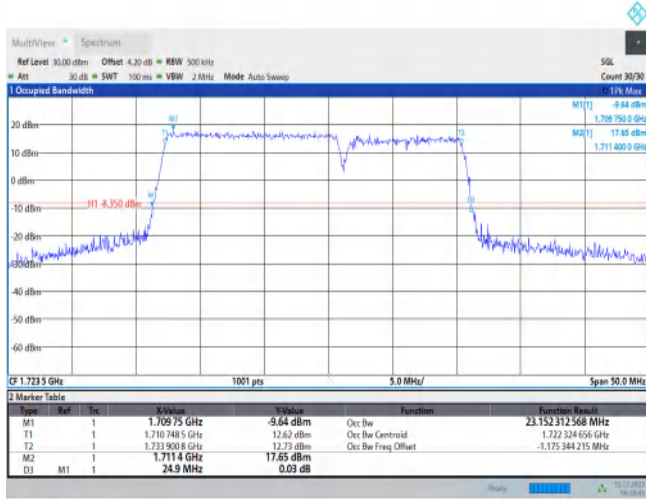


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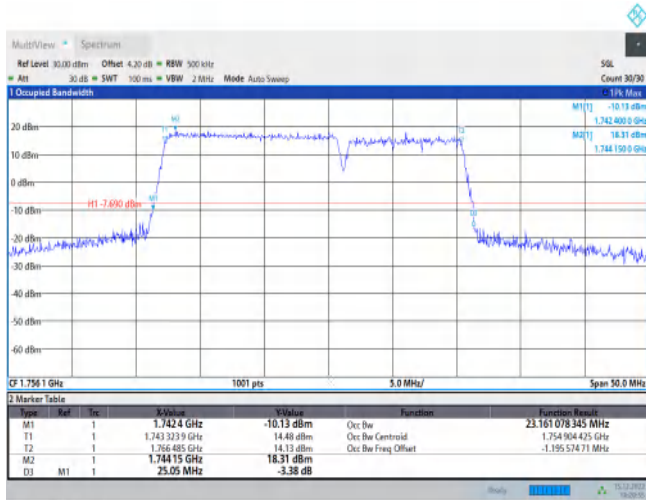
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66-66-15MHz-10MHz-QPSK-QPSK-132047-132167-75RB#0-50RB#0



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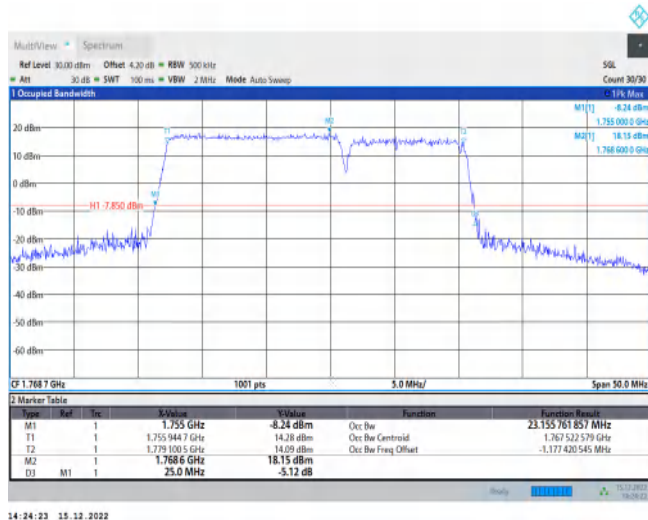


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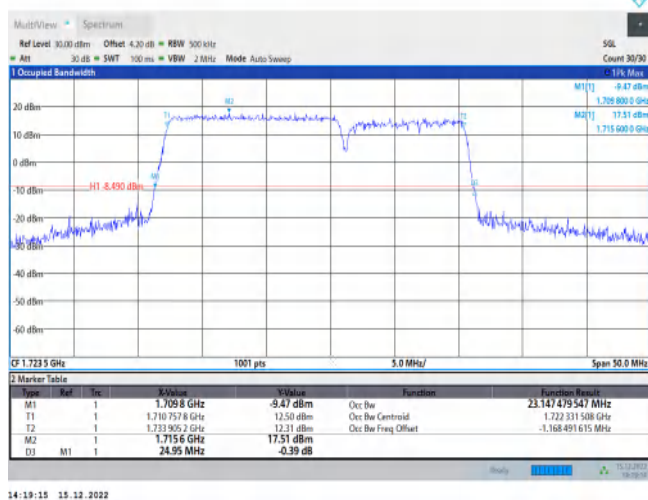


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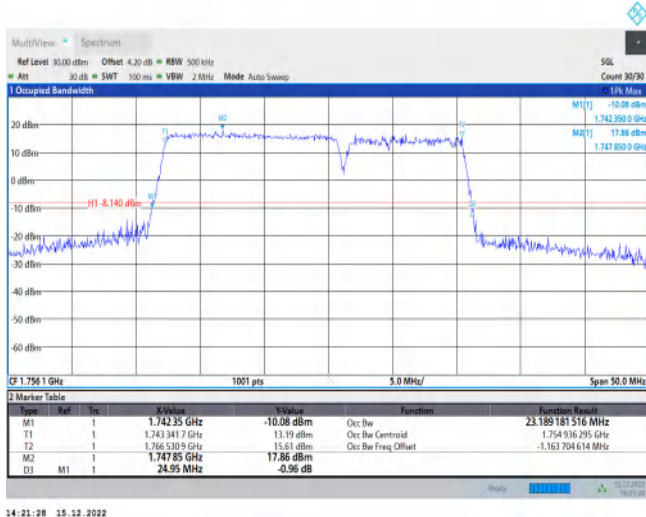


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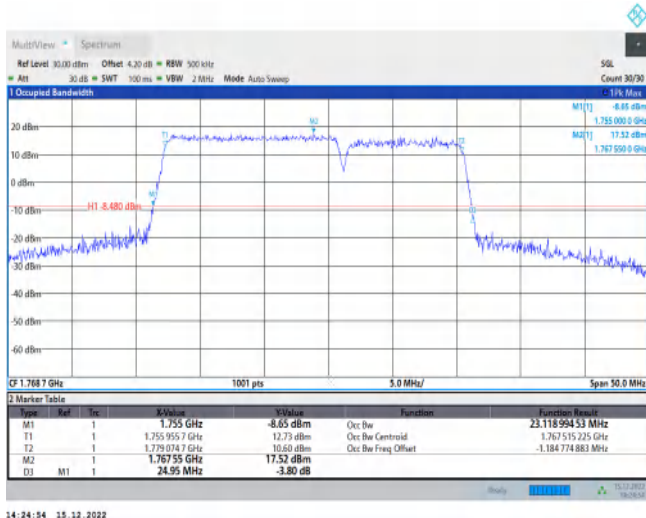


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66-66-15MHz-10MHz-16QAM-16QAM-132373-132493-75RB#0-50RB#0



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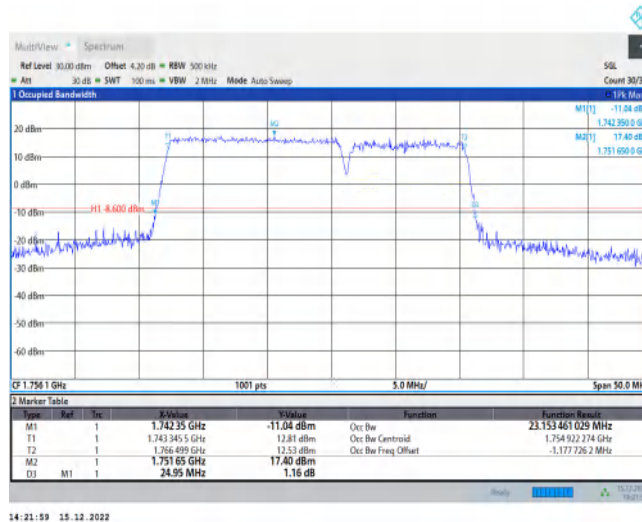


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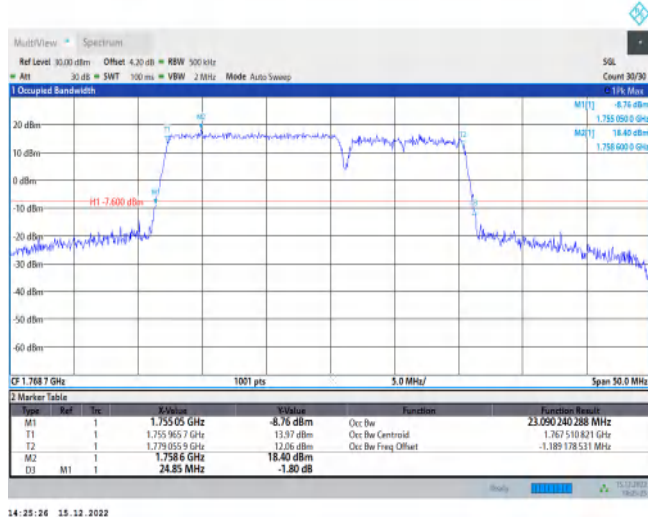


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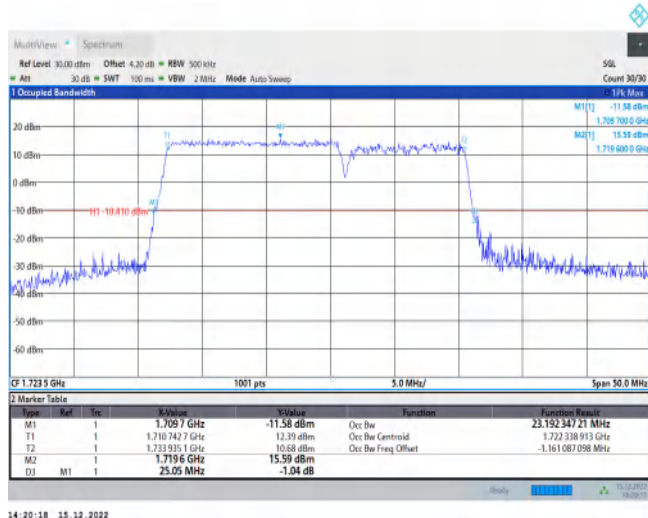
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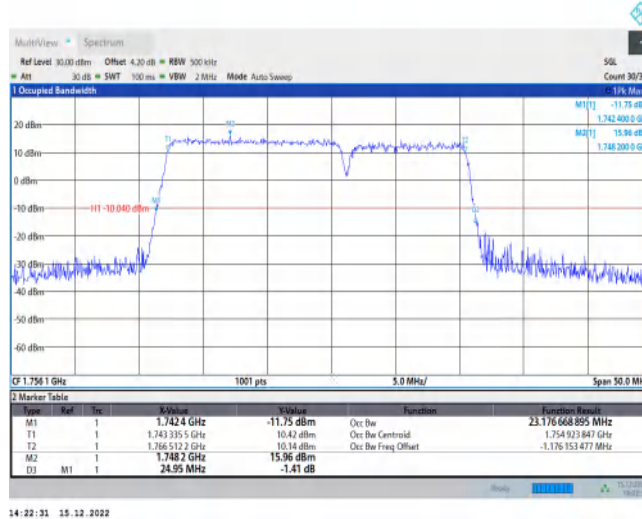


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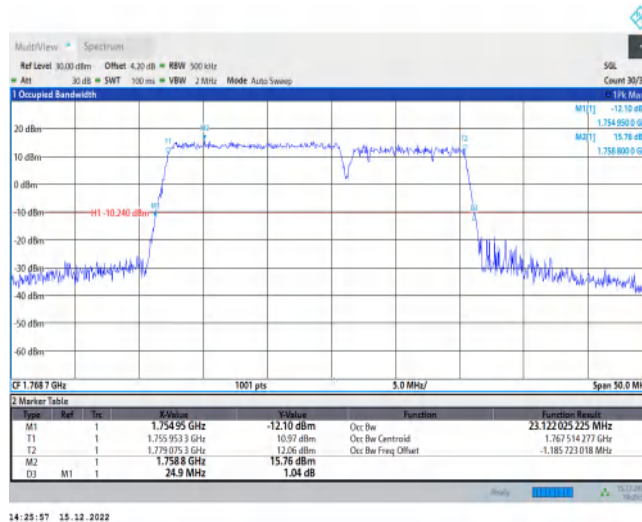


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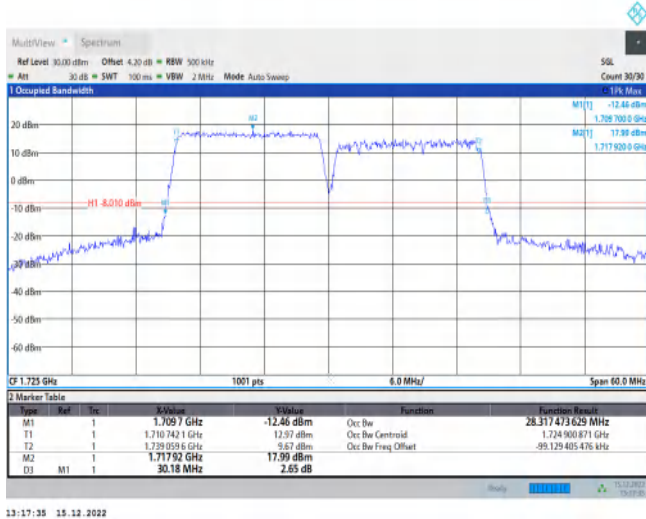


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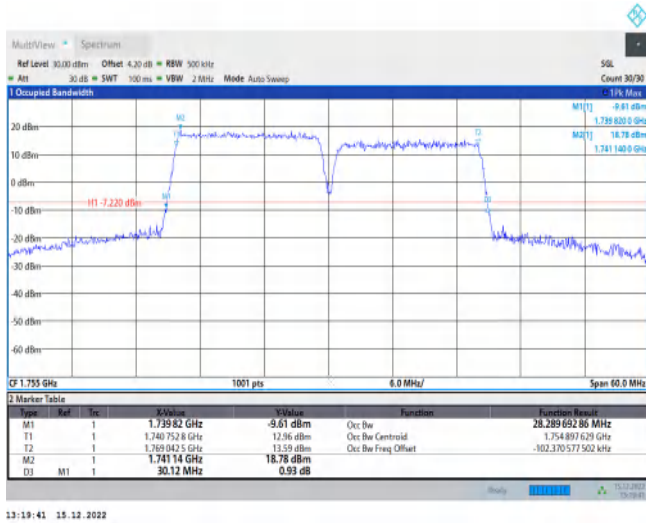
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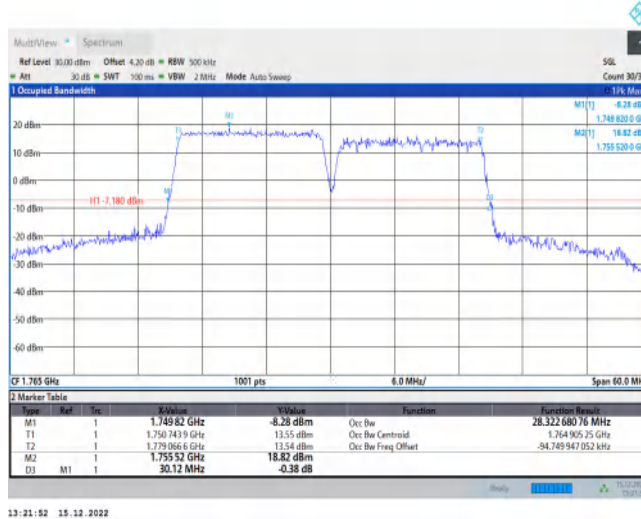


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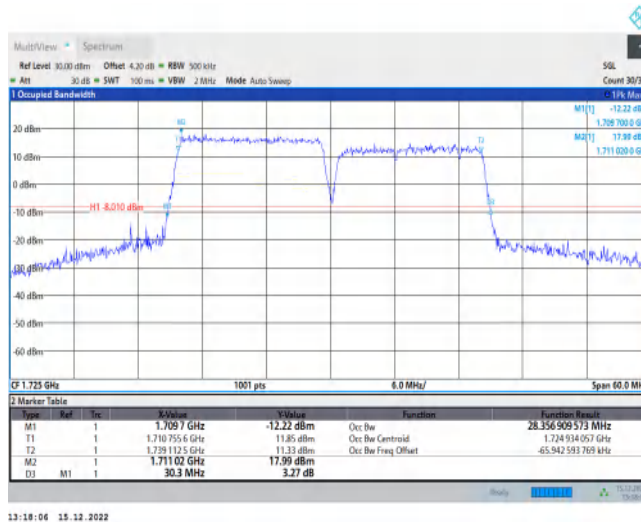


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66-66-15MHz-15MHz-16QAM-16QAM-132047-132197-75RB#0-75RB#0



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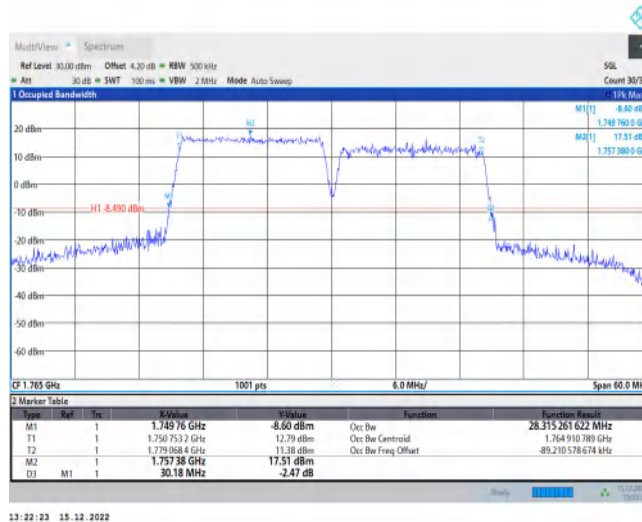
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66-66-15MHz-15MHz-16QAM-16QAM-132347-132497-75RB#0-75RB#0



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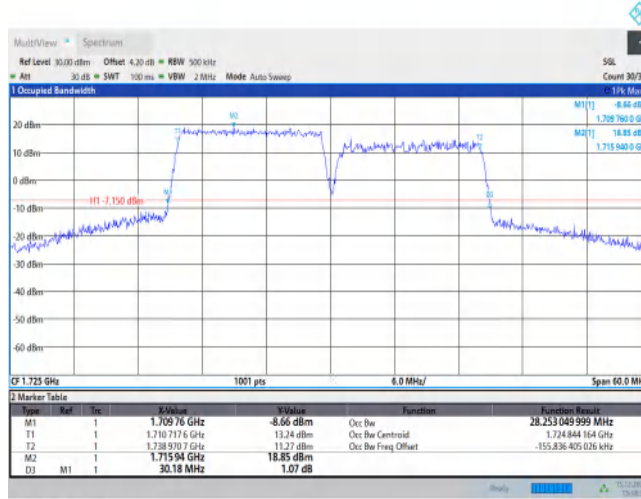


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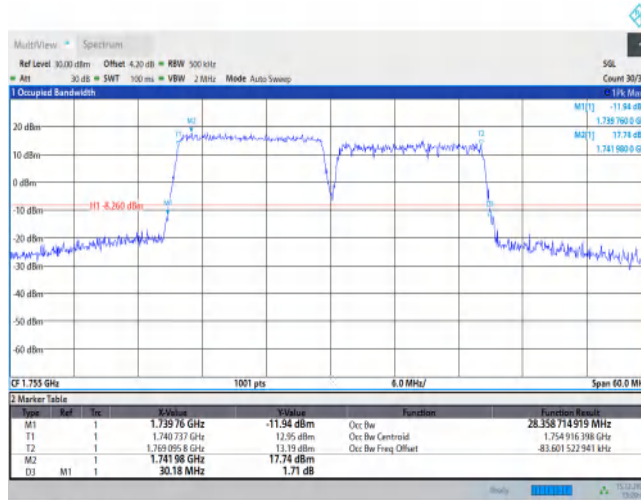
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66-66-15MHz-15MHz-64QAM-64QAM-132047-132197-75RB#0-75RB#0



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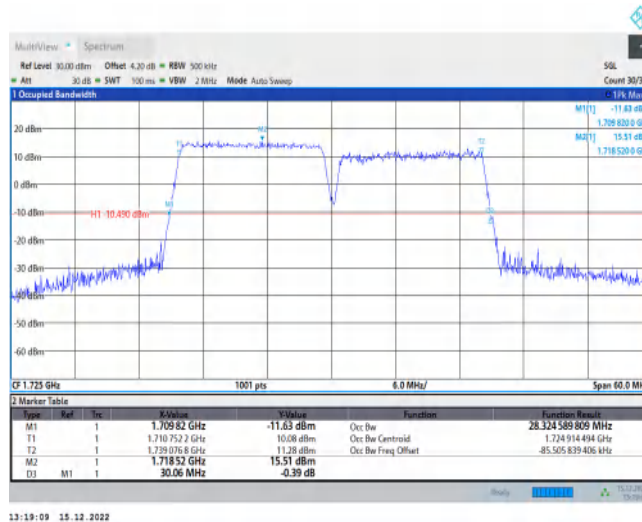
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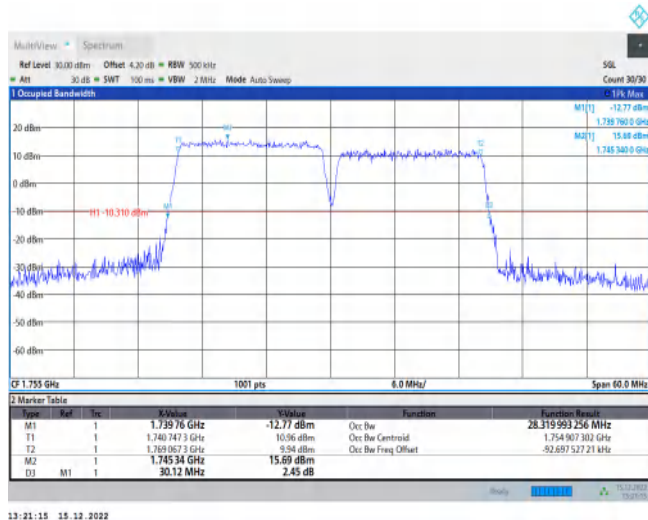


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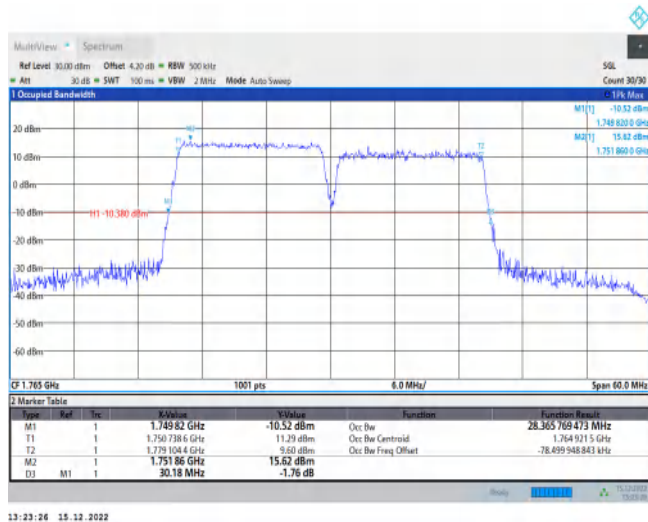


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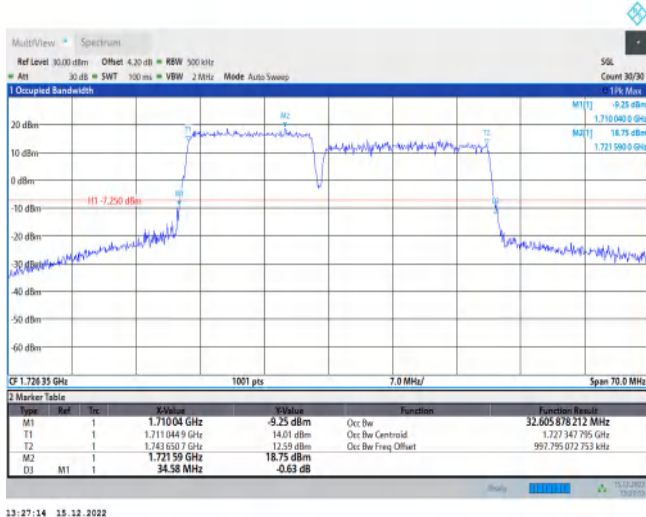


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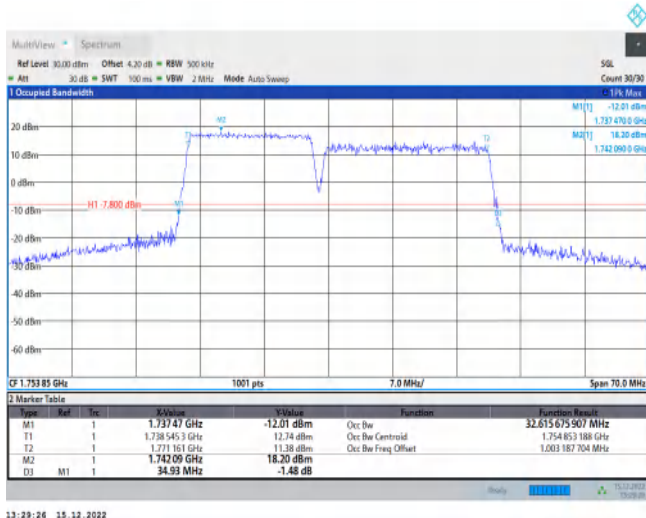


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66-66-15MHz-20MHz-QPSK-QPSK-132050-132221-75RB#0-100RB#0



66-66-15MHz-20MHz-QPSK-QPSK-132325-132496-75RB#0-100RB#0



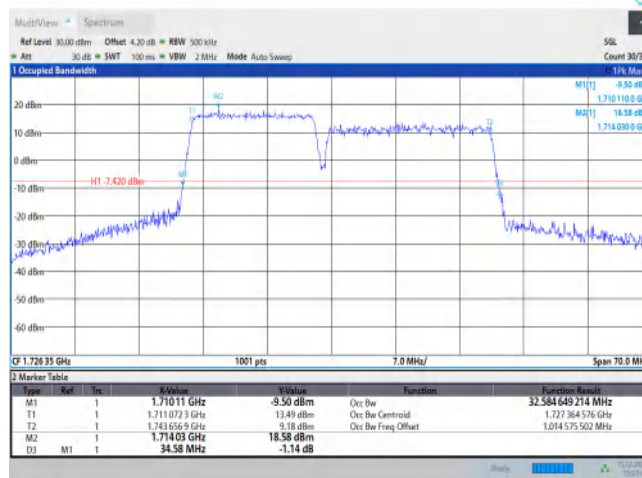
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66-66-15MHz-20MHz-QPSK-QPSK-132401-132572-75RB#0-100RB#0



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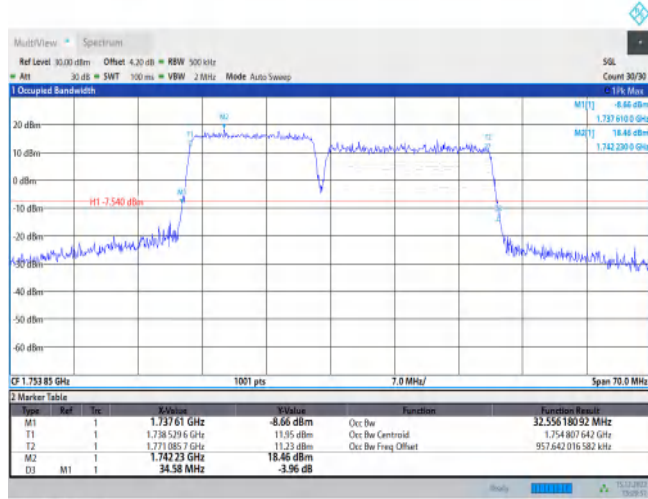


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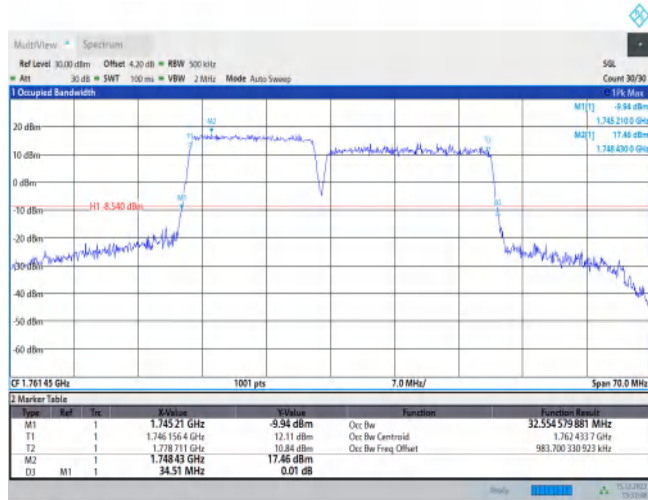
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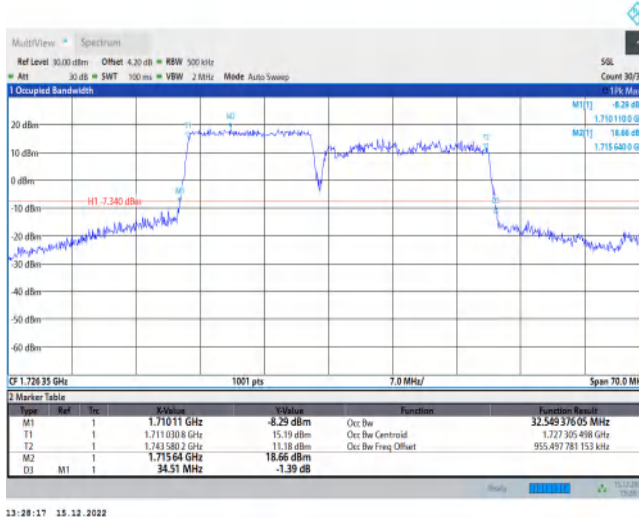


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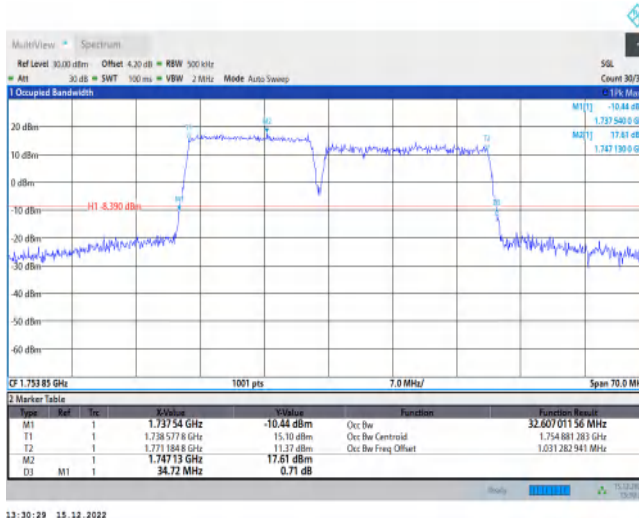


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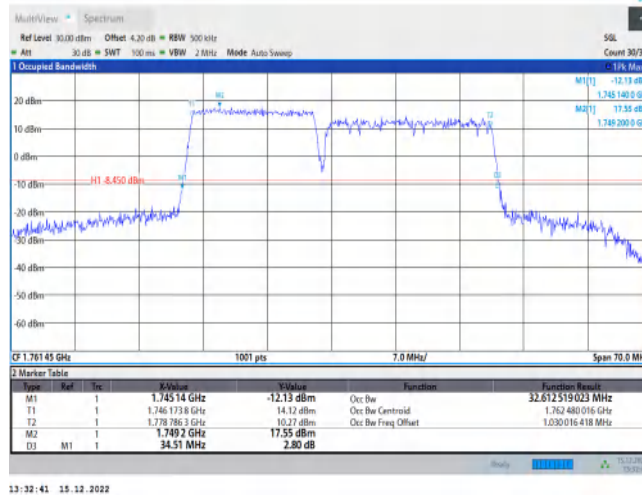


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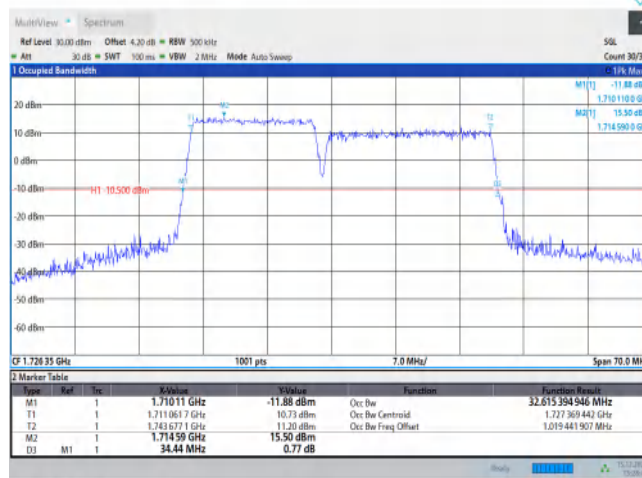
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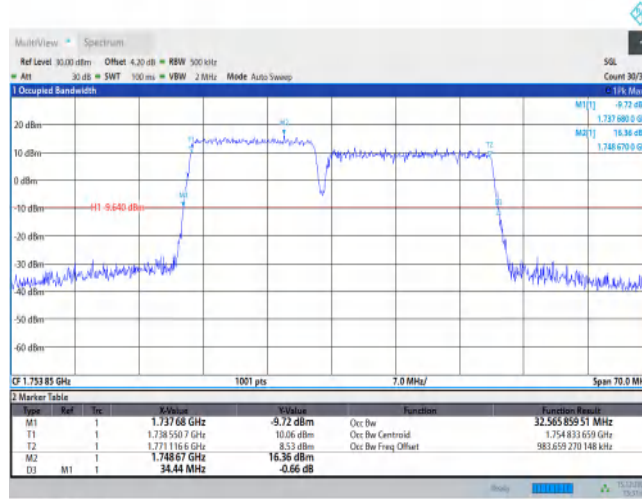


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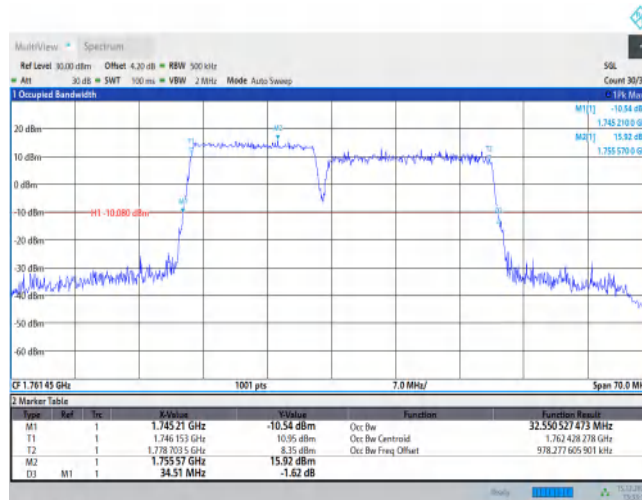
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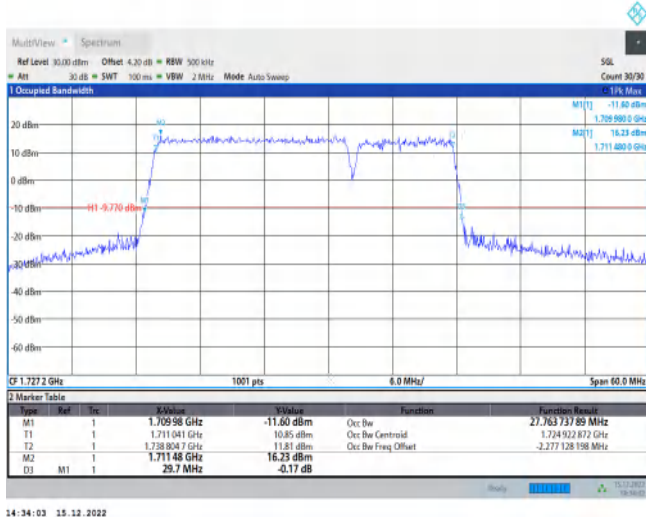


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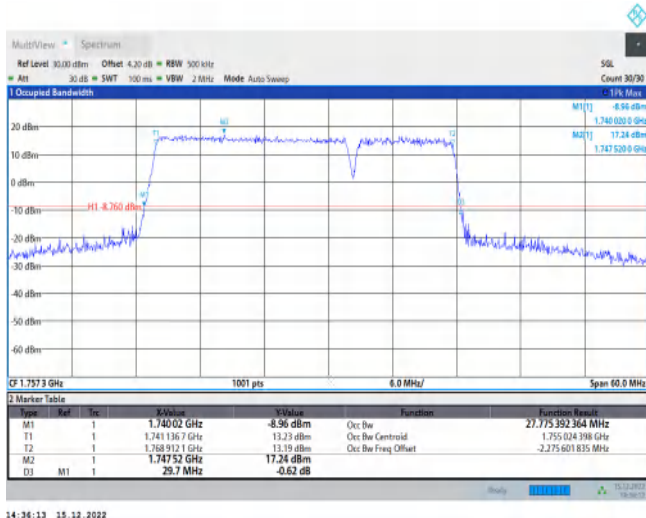


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66-66-20MHz-10MHz-QPSK-QPSK-132072-132216-100RB#0-50RB#0



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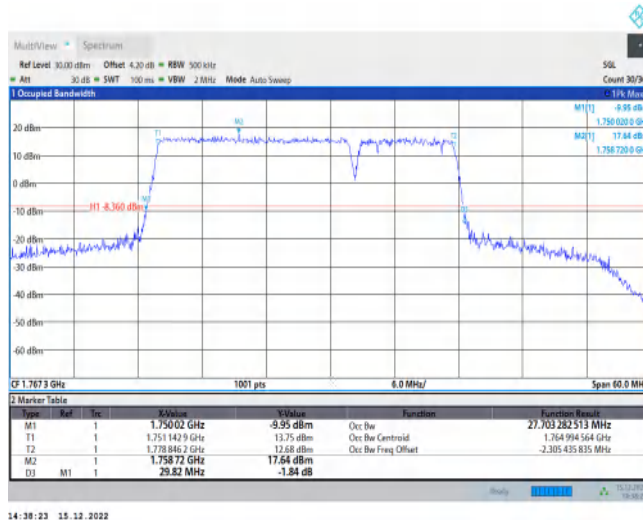


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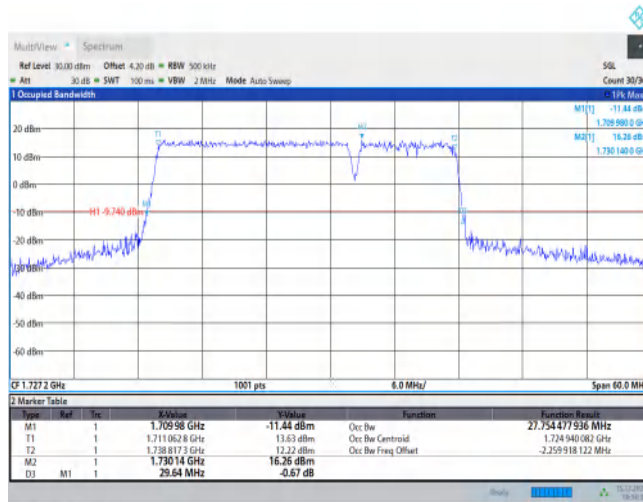
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66-66-20MHz-10MHz-QPSK-QPSK-132473-132617-100RB#0-50RB#0



14:38:23 15.12.2022

66-66-20MHz-10MHz-16QAM-16QAM-132072-132216-100RB#0-50RB#0

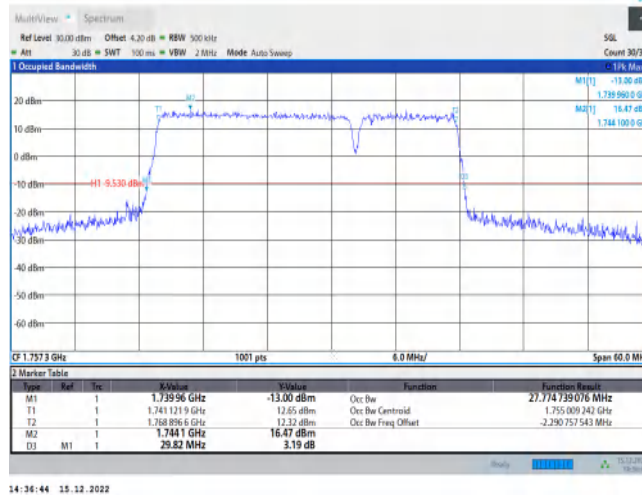


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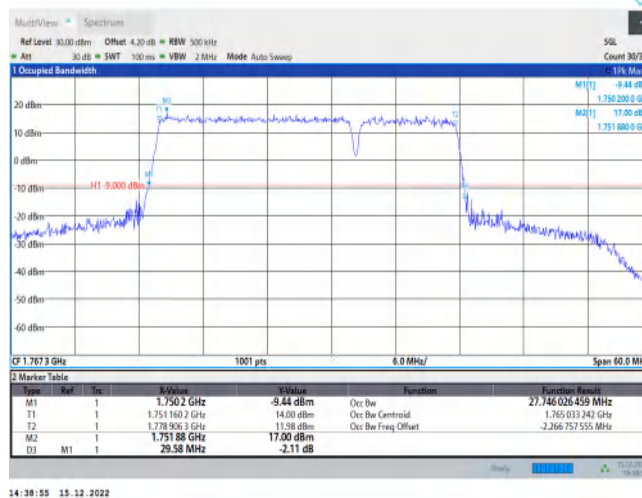


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66-66-20MHz-10MHz-16QAM-16QAM-132373-132517-100RB#0-50RB#0



66-66-20MHz-10MHz-16QAM-16QAM-132473-132617-100RB#0-50RB#0

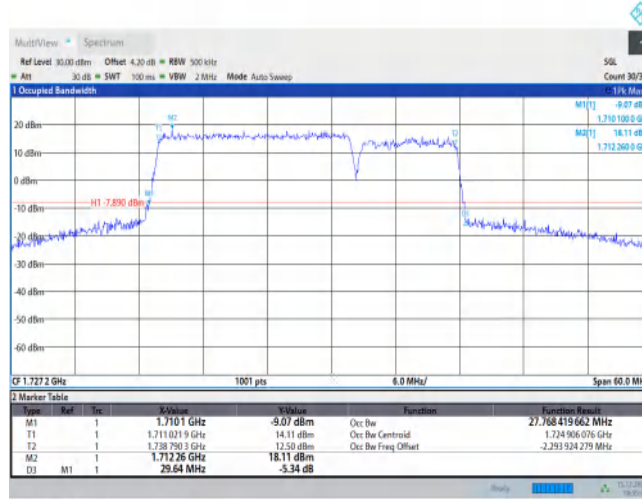


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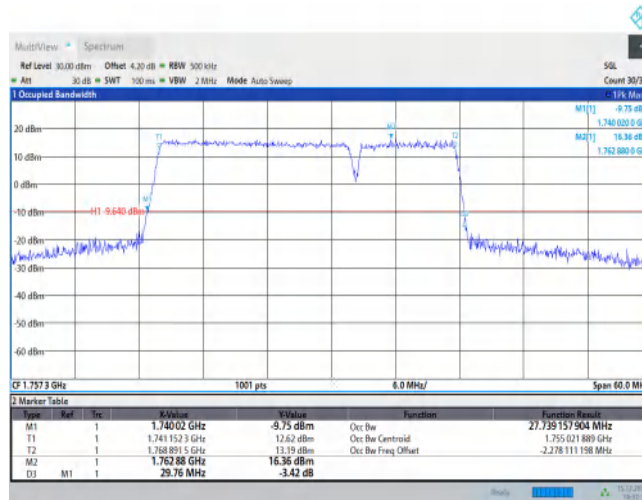
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66-66-20MHz-10MHz-64QAM-64QAM-132072-132216-100RB#0-50RB#0



14:35:05 15.12.2022

66-66-20MHz-10MHz-64QAM-64QAM-132373-132517-100RB#0-50RB#0

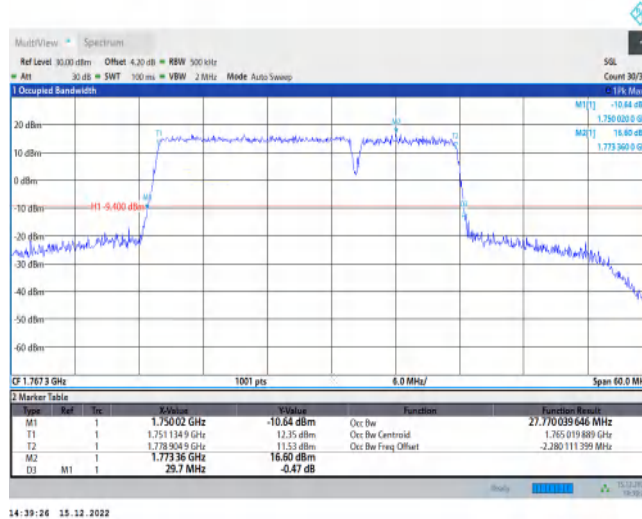


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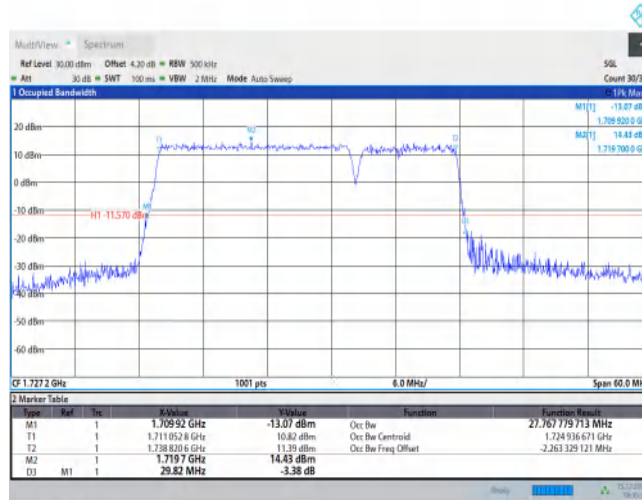
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66-66-20MHz-10MHz-64QAM-64QAM-132473-132617-100RB#0-50RB#0



14:39:26 15.12.2022

66-66-20MHz-10MHz-256QAM-256QAM-132072-132216-100RB#0-50RB#0

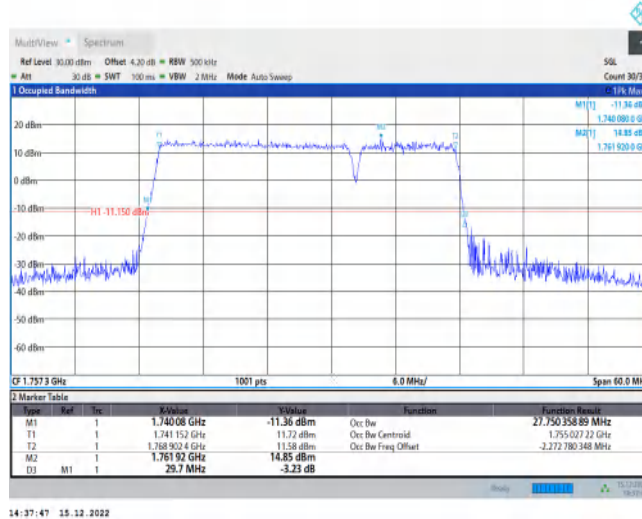


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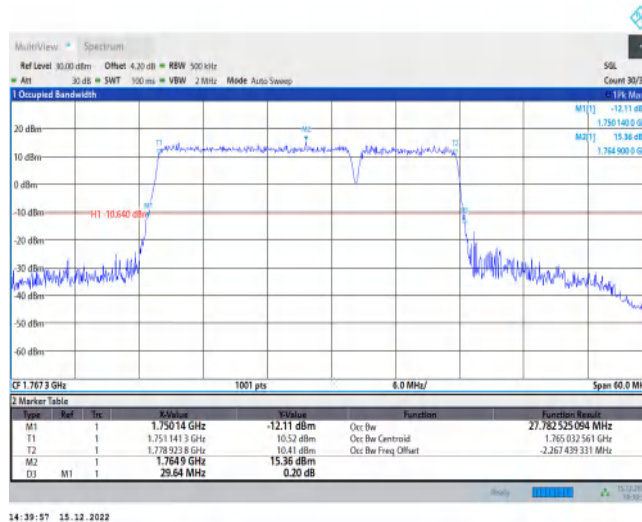


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66-66-20MHz-10MHz-256QAM-256QAM-132373-132517-100RB#0-50RB#0



66-66-20MHz-10MHz-256QAM-256QAM-132473-132617-100RB#0-50RB#0

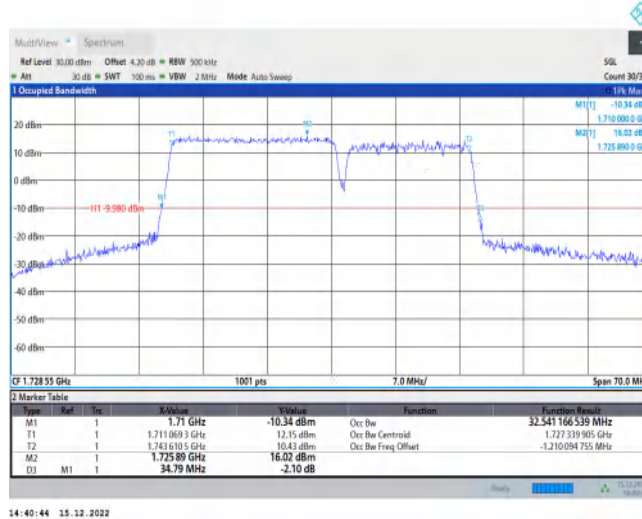


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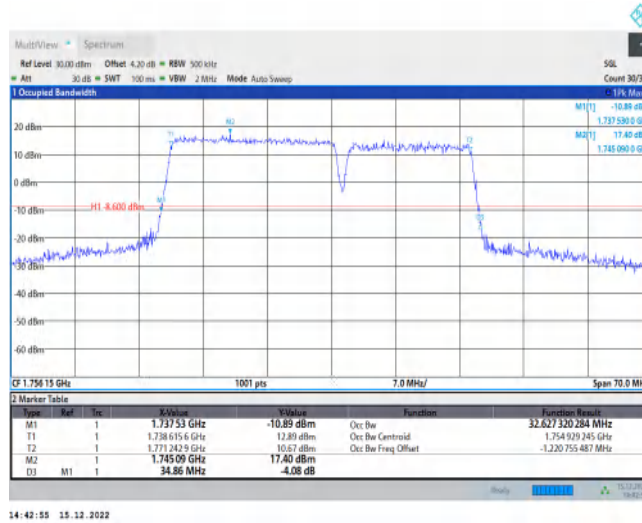
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66-66-20MHz-15MHz-QPSK-QPSK-132072-132243-100RB#0-75RB#0



66-66-20MHz-15MHz-QPSK-QPSK-132348-132519-100RB#0-75RB#0

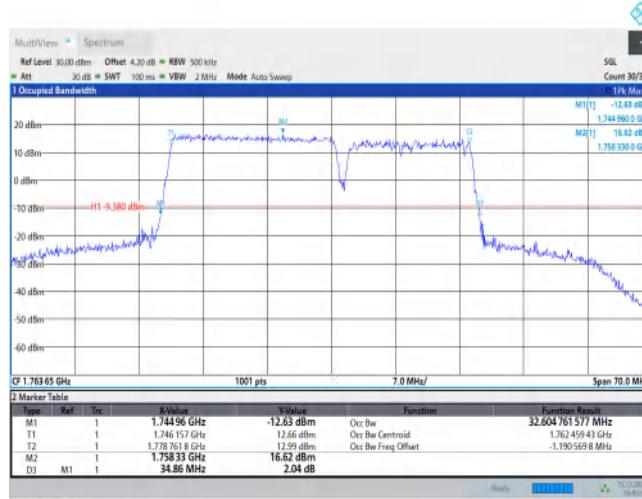


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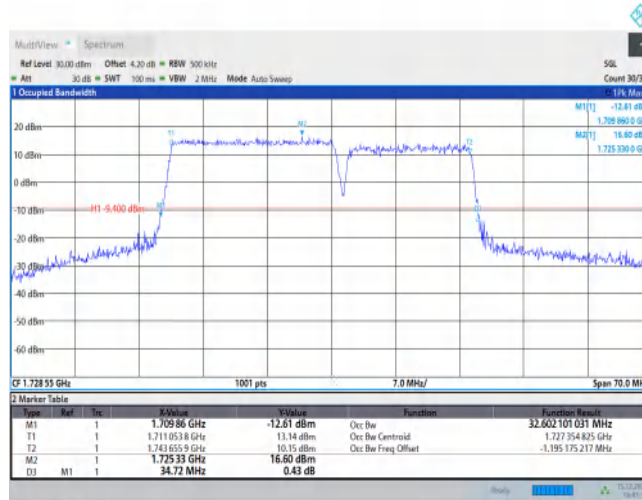
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66-66-20MHz-15MHz-QPSK-QPSK-132423-132594-100RB#0-75RB#0



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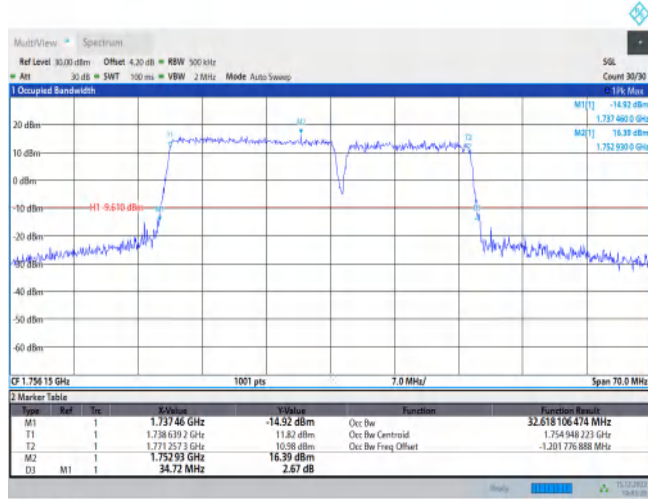


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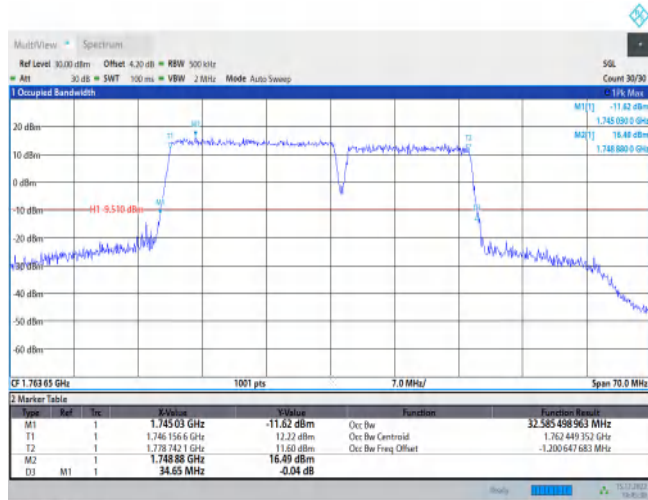
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66-66-20MHz-15MHz-16QAM-16QAM-132348-132519-100RB#0-75RB#0



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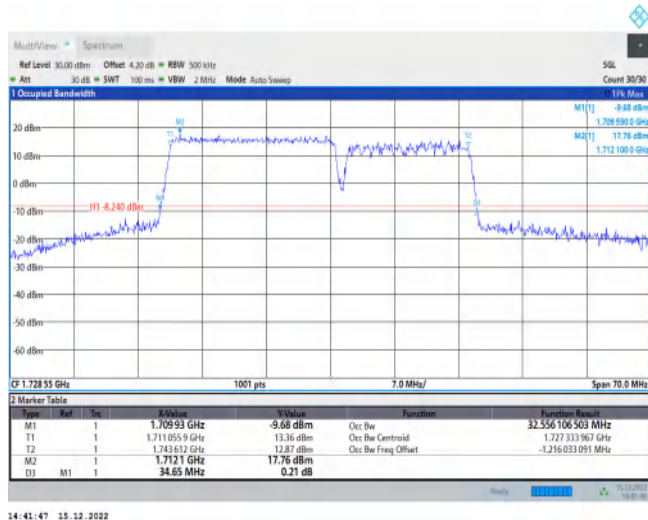


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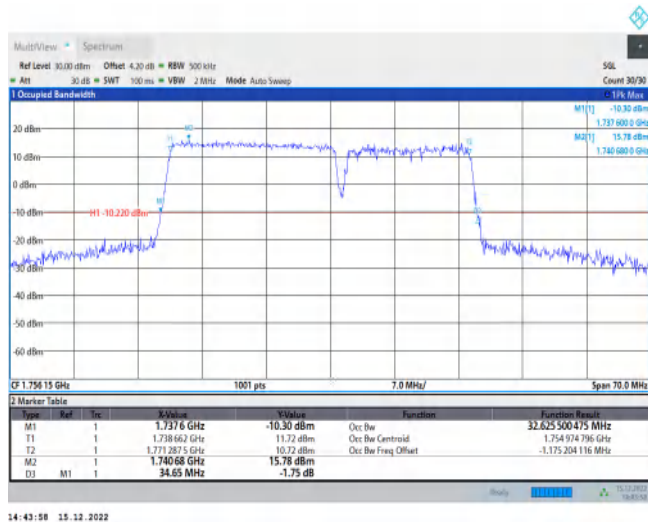


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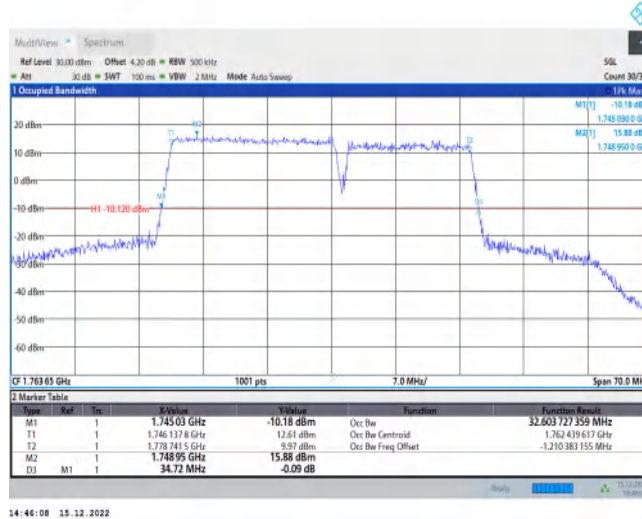


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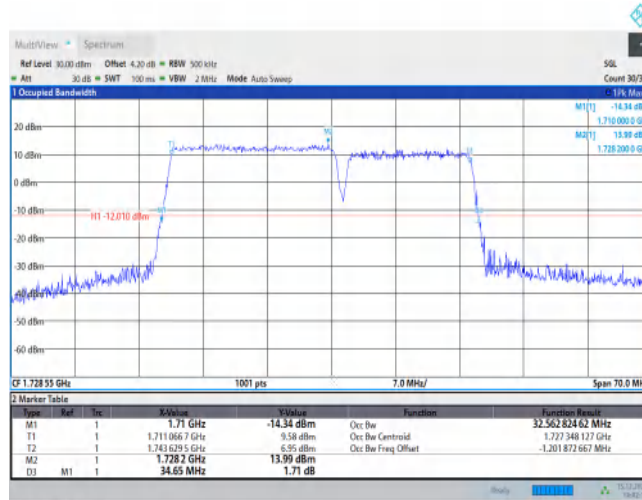
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66-66-20MHz-15MHz-64QAM-64QAM-132423-132594-100RB#0-75RB#0



14:46:08 15.12.2022

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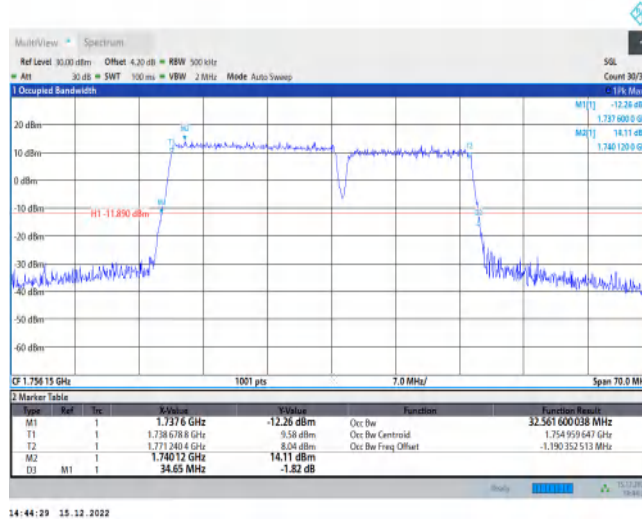


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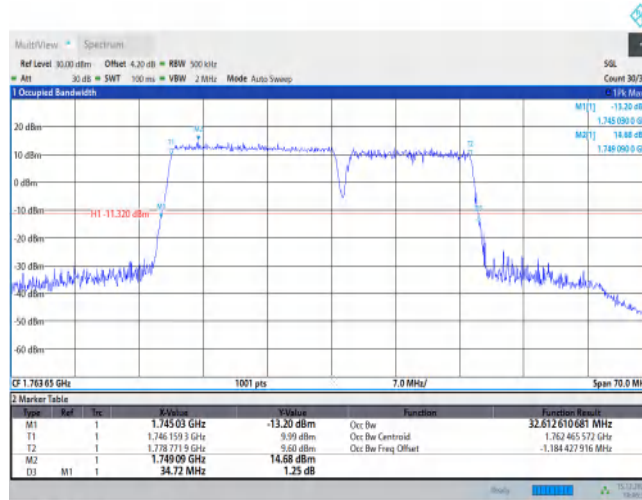
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14:44:29 15.12.2022

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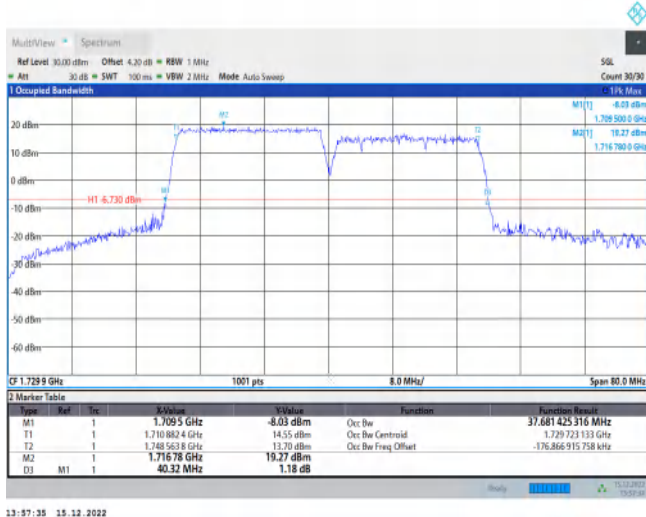


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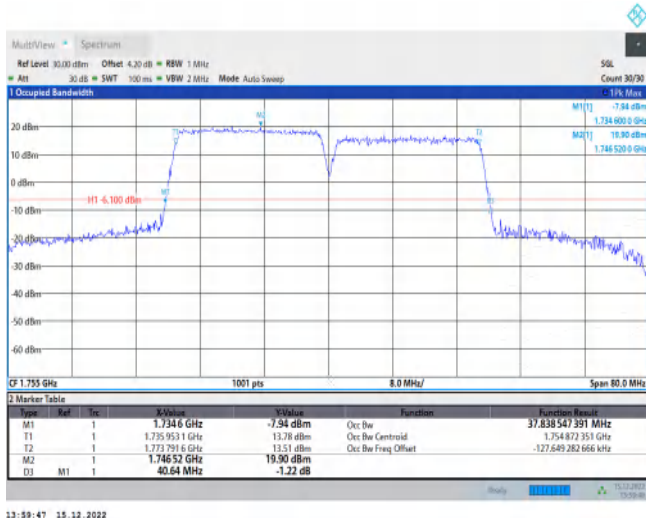
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66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-100RB#0-100RB#0



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-100RB#0-100RB#0

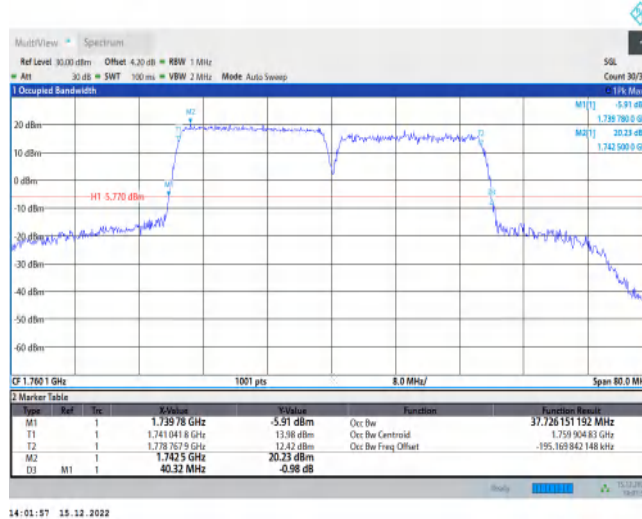


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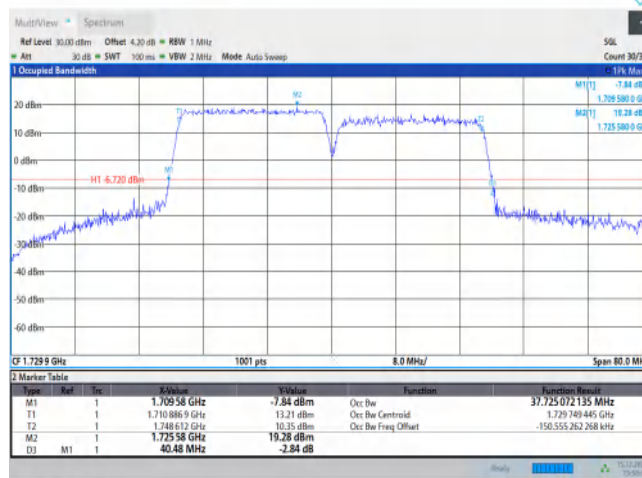
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100RB#0-100RB#0



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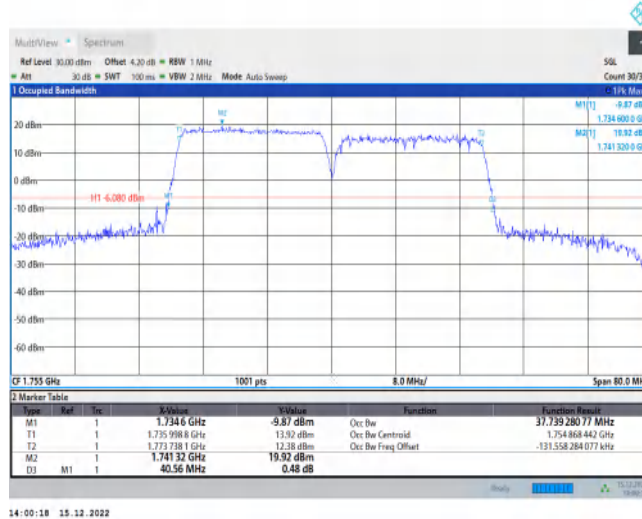


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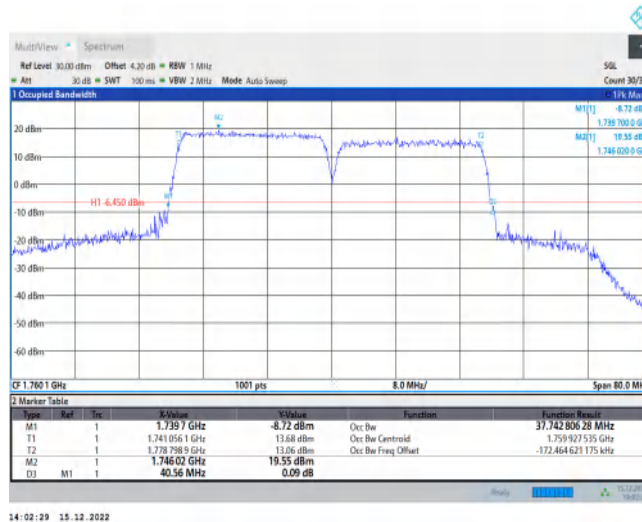
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66-66-20MHz-20MHz-16QAM-16QAM-132323-132521-100RB#0-100RB#0



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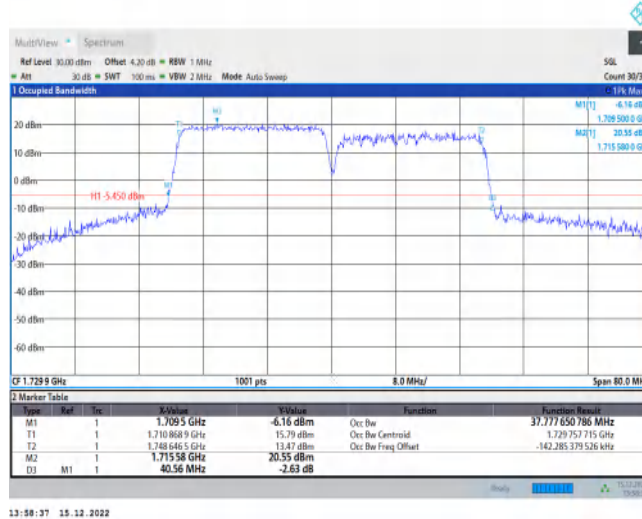


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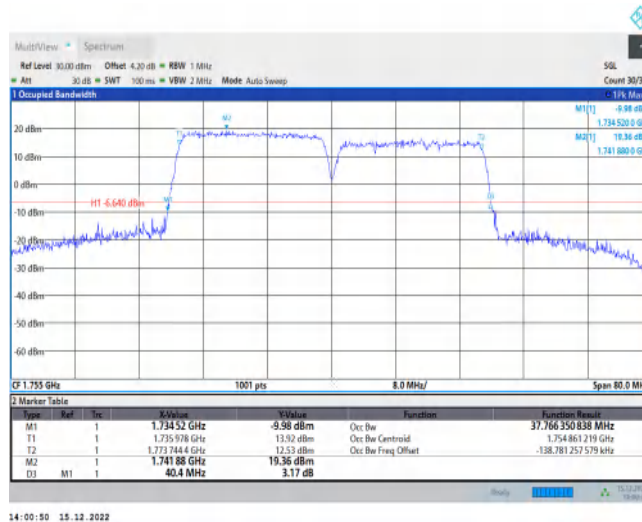
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66-66-20MHz-20MHz-64QAM-64QAM-132072-132270-100RB#0-100RB#0



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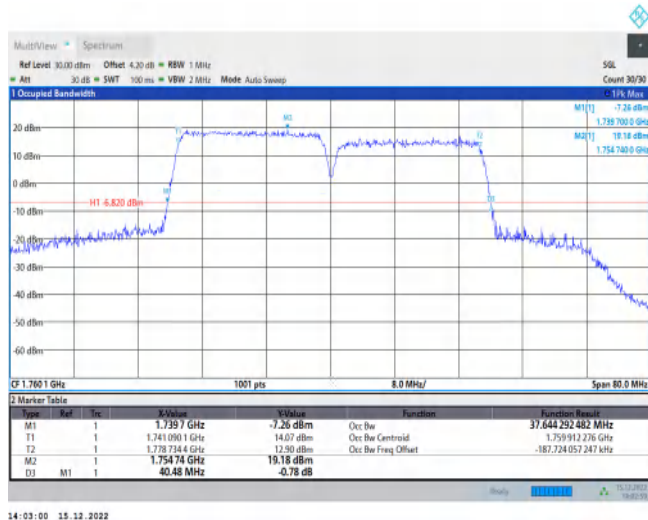


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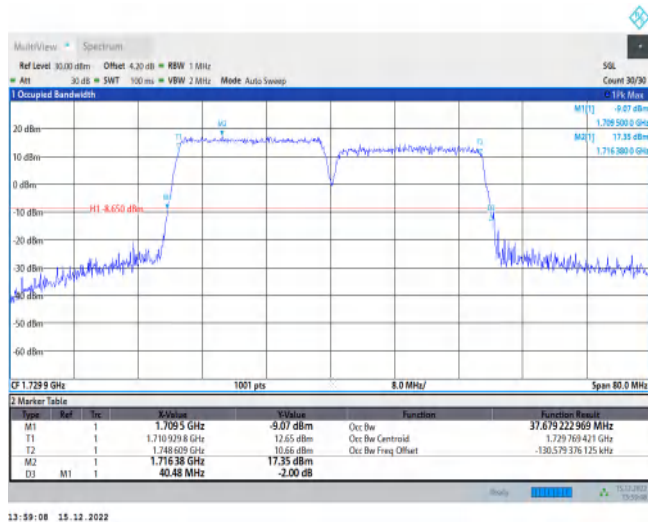
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66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-100RB#0-100RB#0



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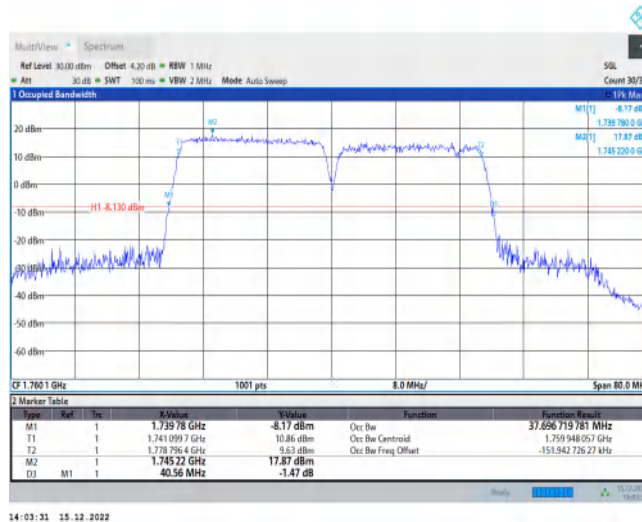


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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



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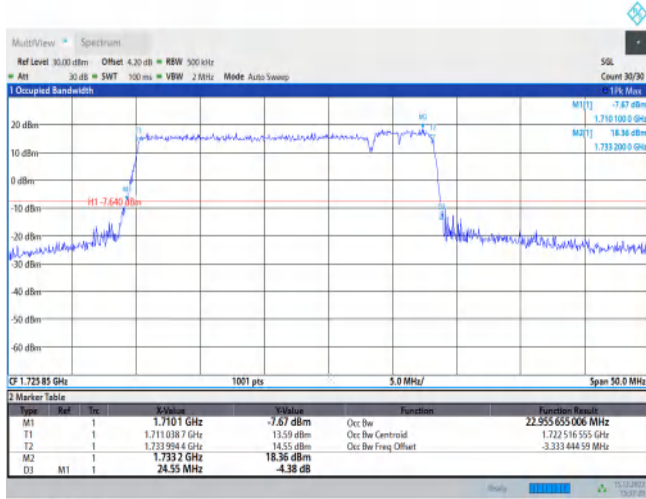


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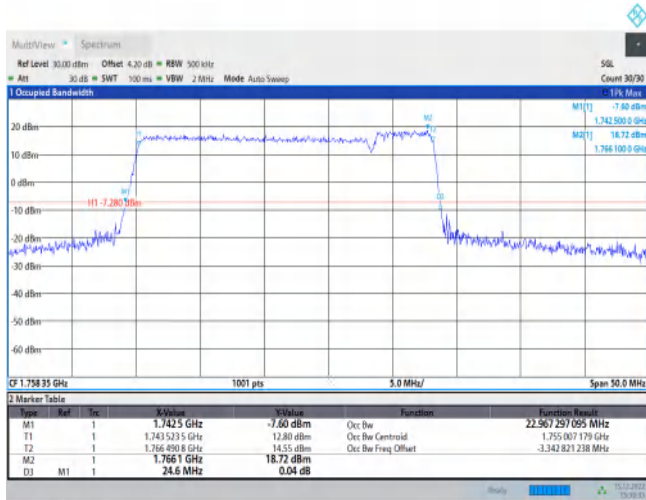
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66-66-20MHz-5MHz-QPSK-QPSK-132072-132189-100RB#0-25RB#0



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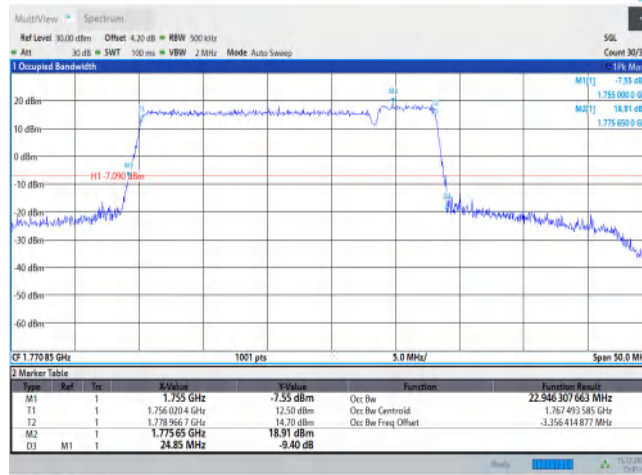


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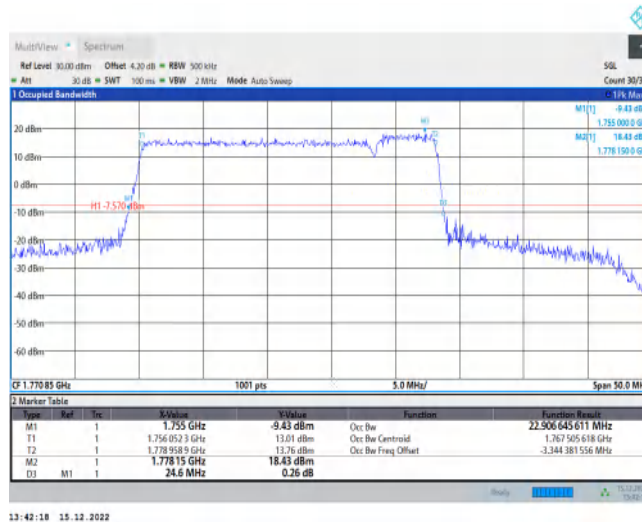


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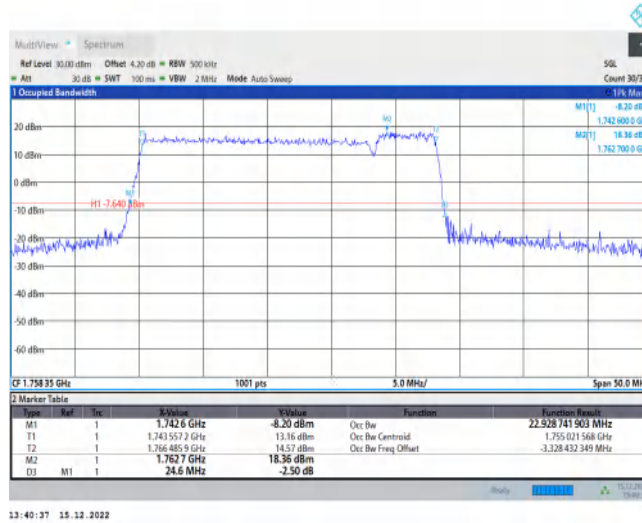
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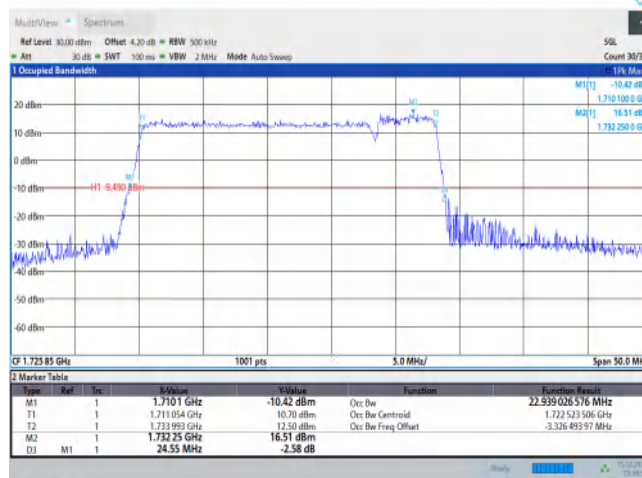
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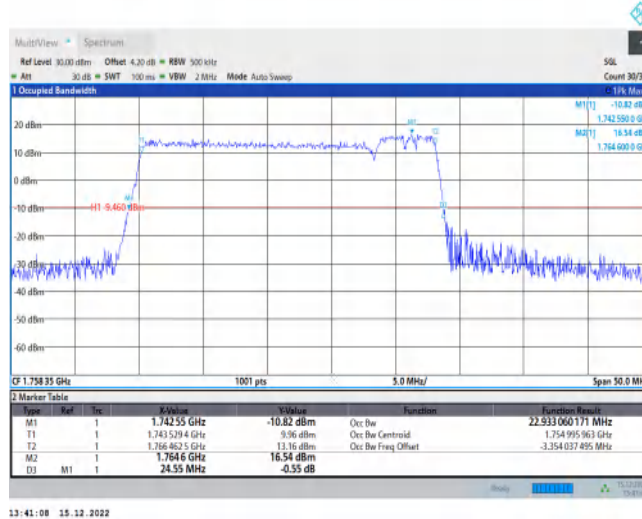


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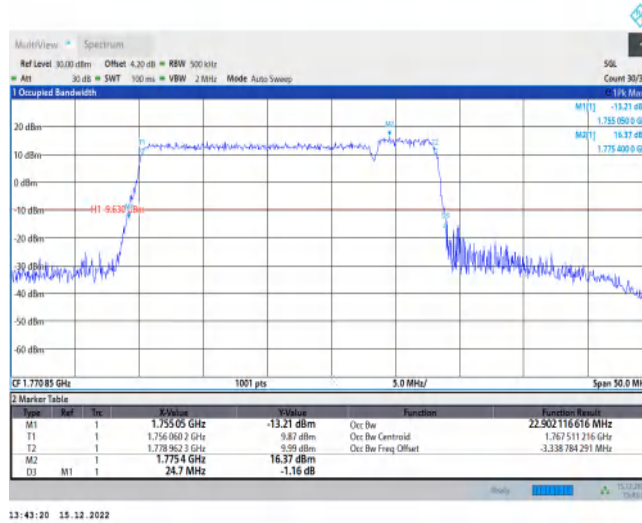


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66-66-20MHz-5MHz-256QAM-256QAM-132397-132514-100RB#0-25RB#0



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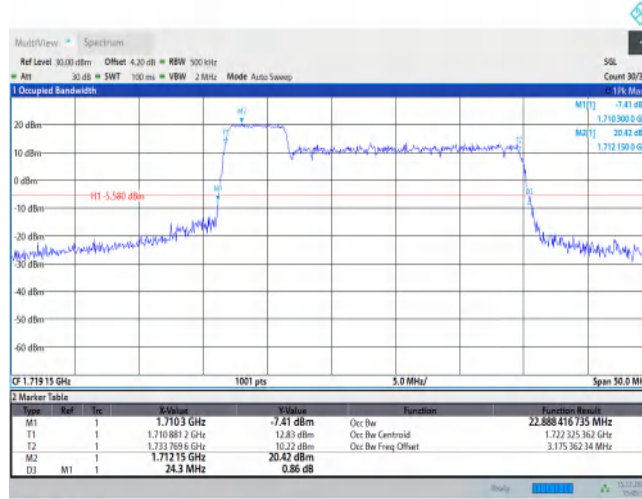


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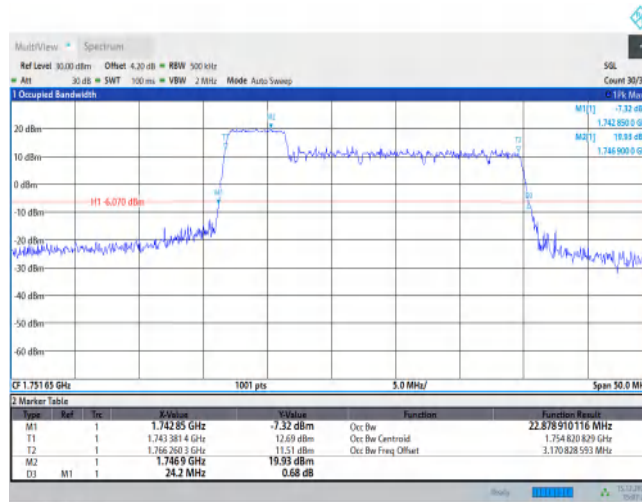
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66-66-5MHz-20MHz-QPSK-QPSK-132005-132122-25RB#0-100RB#0



66-66-5MHz-20MHz-QPSK-QPSK-132330-132447-25RB#0-100RB#0

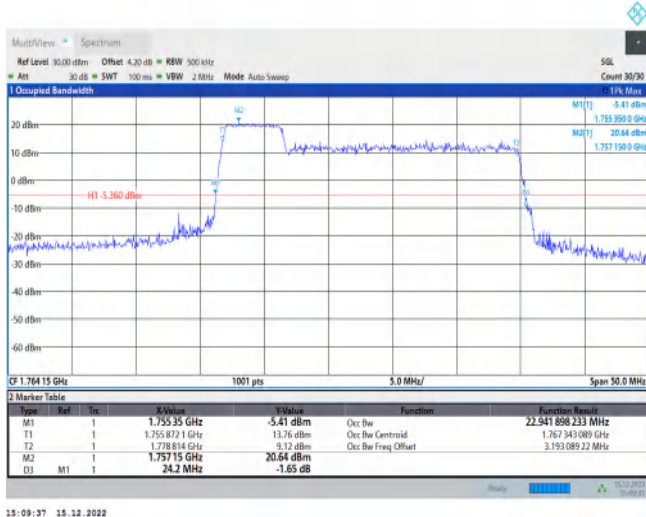


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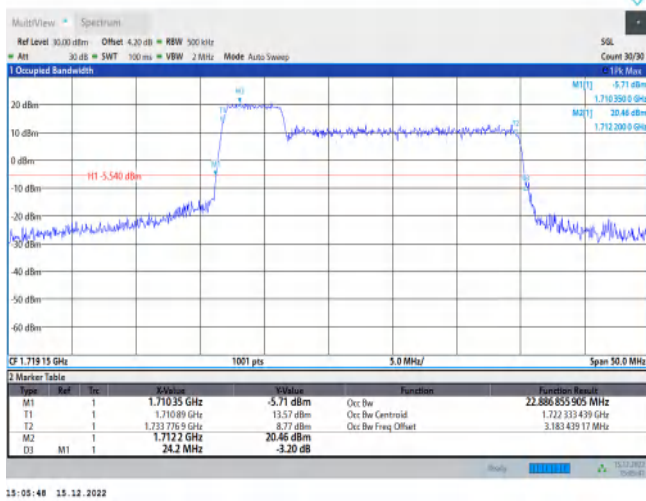
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66-66-5MHz-20MHz-QPSK-QPSK-132455-132572-25RB#0-100RB#0

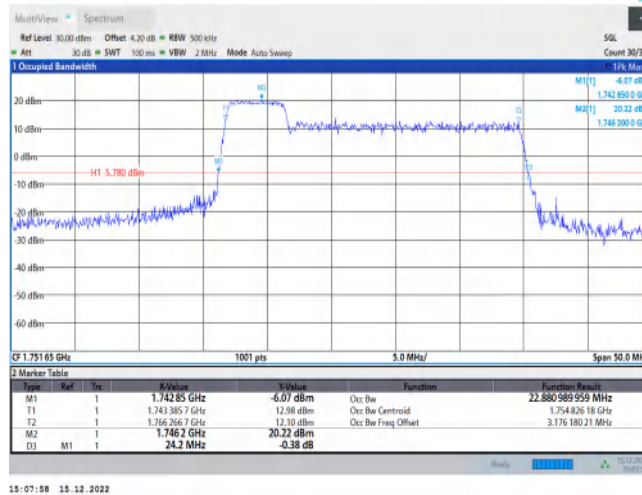


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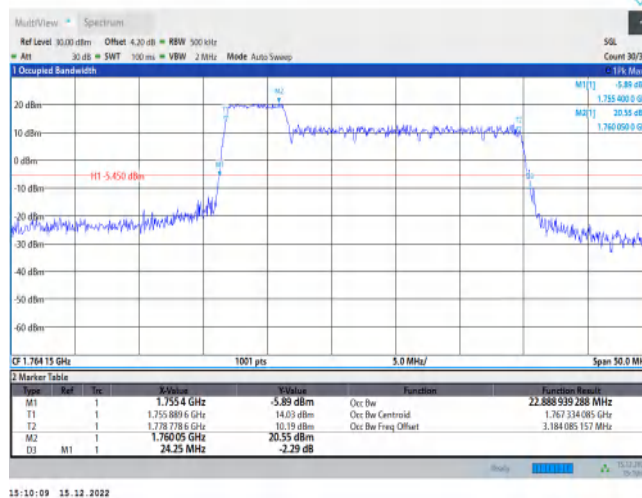


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66-66-5MHz-20MHz-16QAM-16QAM-132330-132447-25RB#0-100RB#0



66-66-5MHz-20MHz-16QAM-16QAM-132455-132572-25RB#0-100RB#0

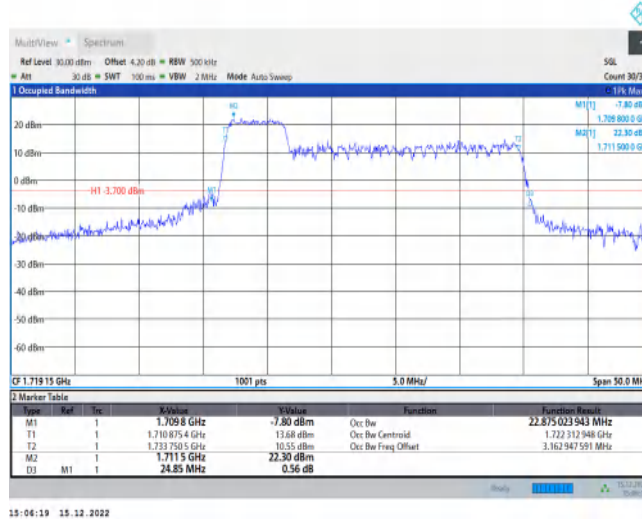


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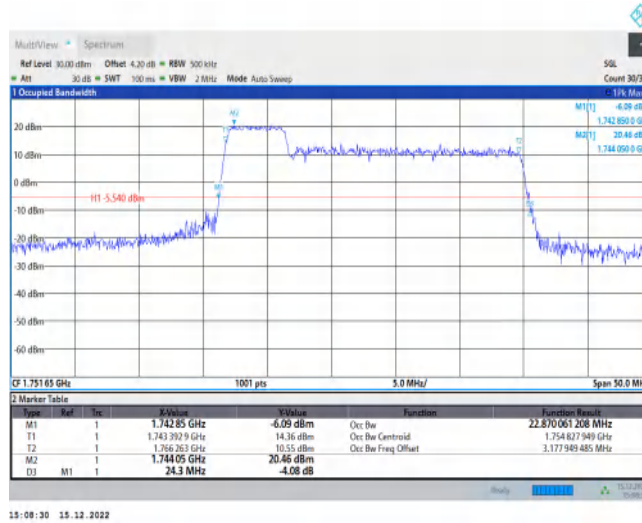
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66-66-5MHz-20MHz-64QAM-64QAM-132005-132122-25RB#0-100RB#0



66-66-5MHz-20MHz-64QAM-64QAM-132330-132447-25RB#0-100RB#0

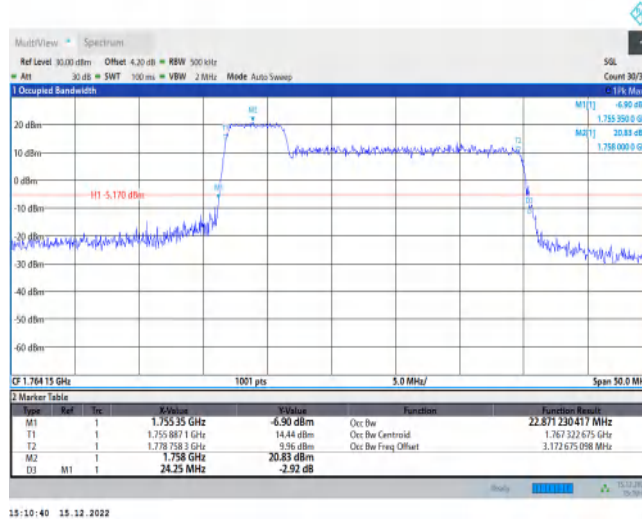


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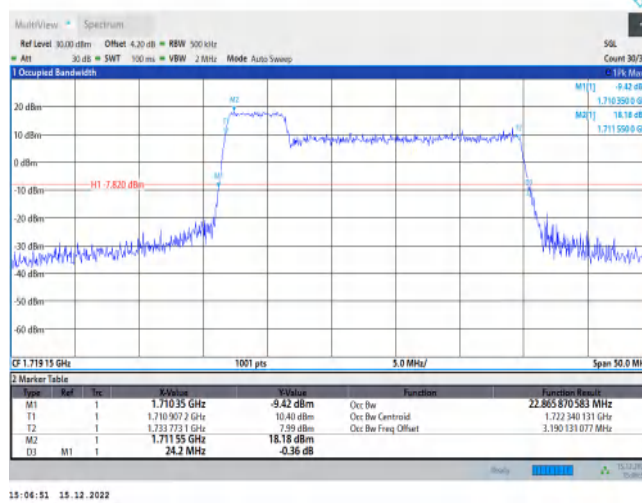
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66-66-5MHz-20MHz-64QAM-64QAM-132455-132572-25RB#0-100RB#0



66-66-5MHz-20MHz-256QAM-256QAM-132005-132122-25RB#0-100RB#0

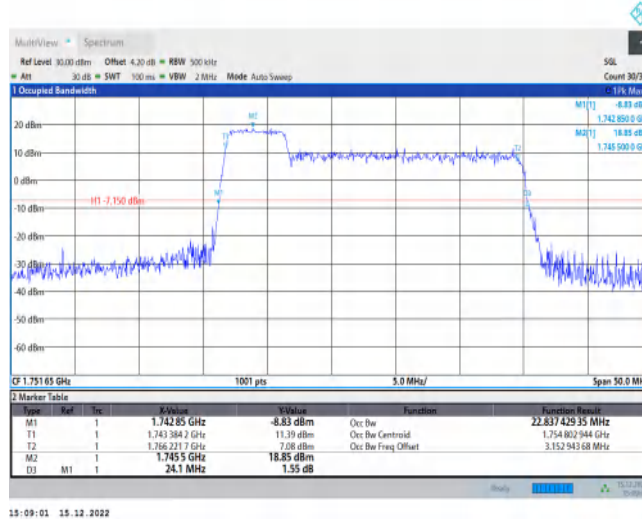


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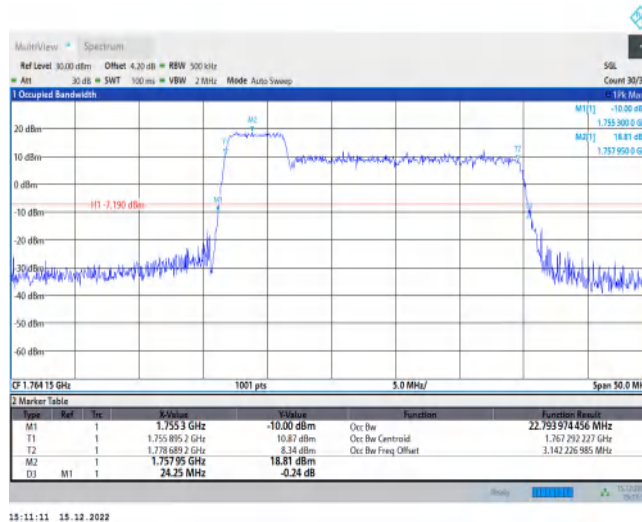
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66-66-5MHz-20MHz-256QAM-256QAM-132330-132447-25RB#0-100RB#0



66-66-5MHz-20MHz-256QAM-256QAM-132455-132572-25RB#0-100RB#0



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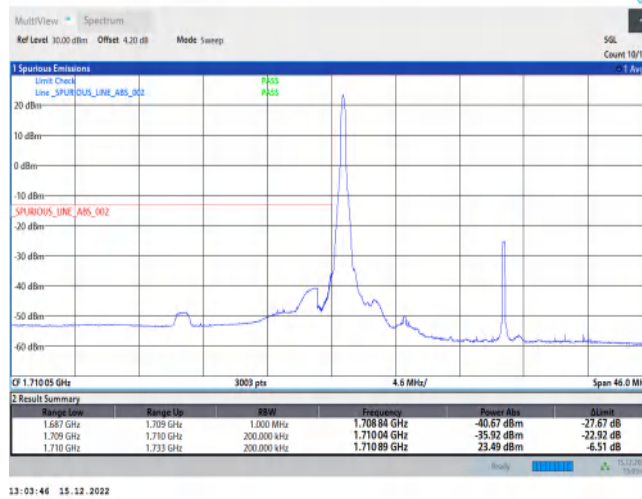
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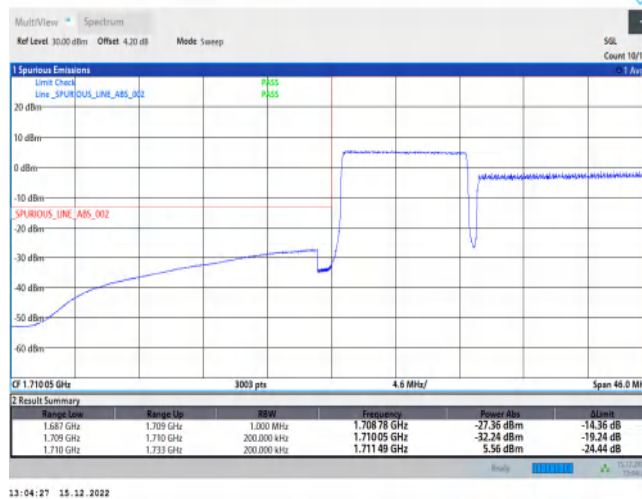
Band Edge

Test Graphs

66-66-10MHz-15MHz-QPSK-QPSK-132025-132145-1RB#0-0RB#0



66-66-10MHz-15MHz-QPSK-QPSK-132025-132145-50RB#0-75RB#0



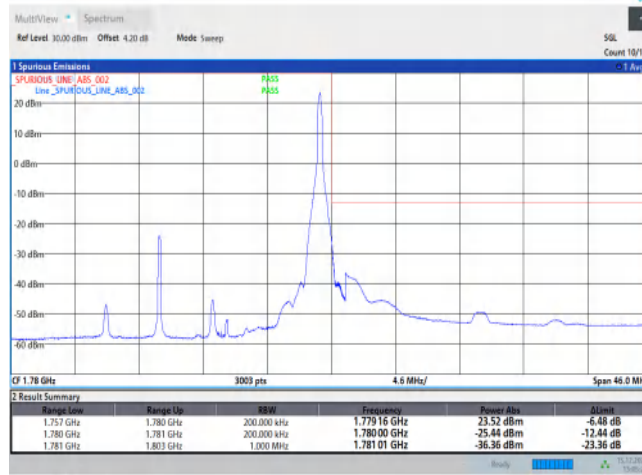
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66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-0RB#0-1RB#74



13:05:24 15.12.2022

66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-50RB#0-75RB#0

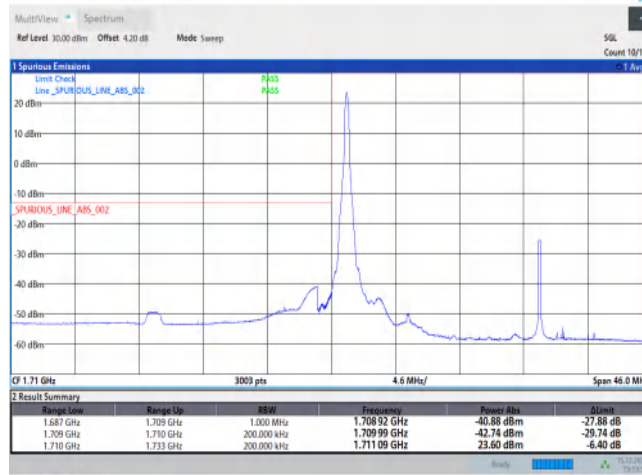


13:06:06 15.12.2022



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66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-1RB#0-0RB#0



13:13:57 15.12.2022

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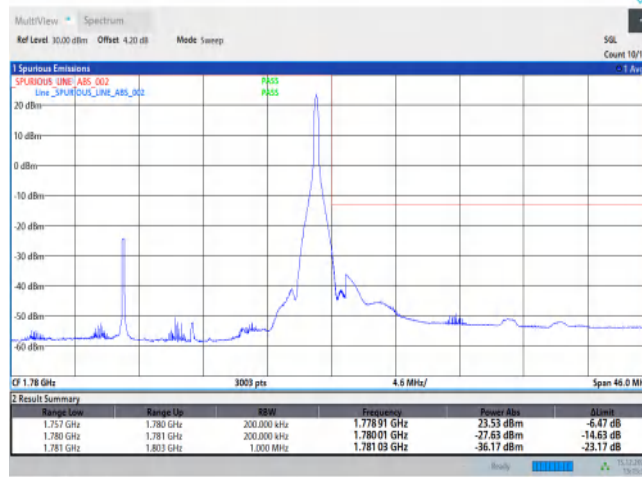


13:14:38 15.12.2022



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66-66-10MHz-20MHz-QPSK-QPSK-132428-132572-0RB#0-1RB#99



13:15:34 15.12.2022

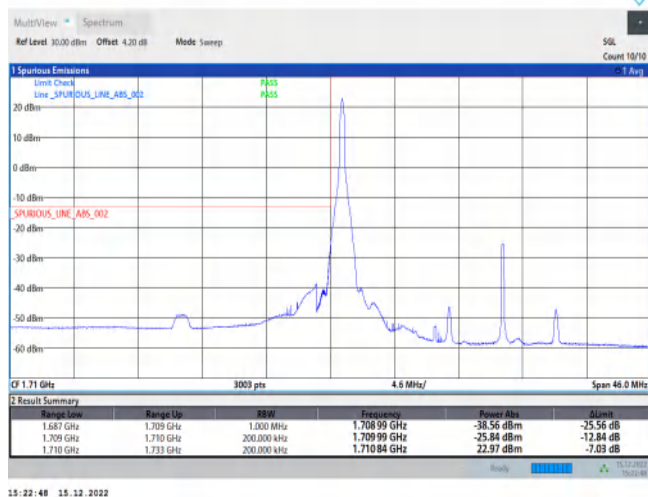
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13:16:15 15.12.2022



66-66-15MHz-10MHz-QPSK-QPSK-132047-132167-1RB#0-0RB#0



15:22:48 15.12.2022

66-66-15MHz-10MHz-QPSK-QPSK-132047-132167-75RB#0-50RB#0

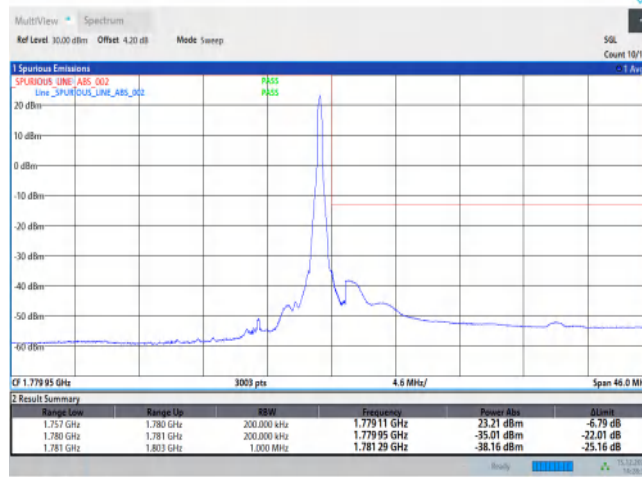


15:23:30 15.12.2022



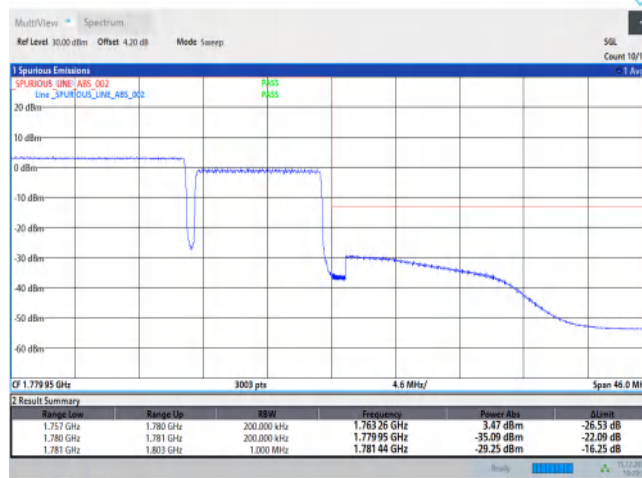
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66-66-15MHz-10MHz-QPSK-QPSK-132499-132619-0RB#0-1RB#49



14:28:31 15.12.2022

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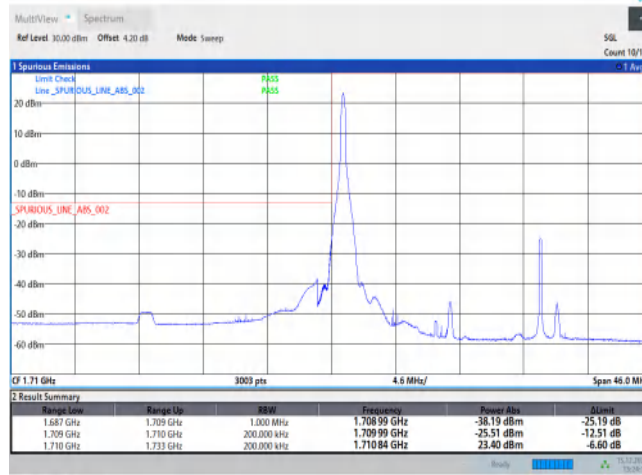


14:29:13 15.12.2022



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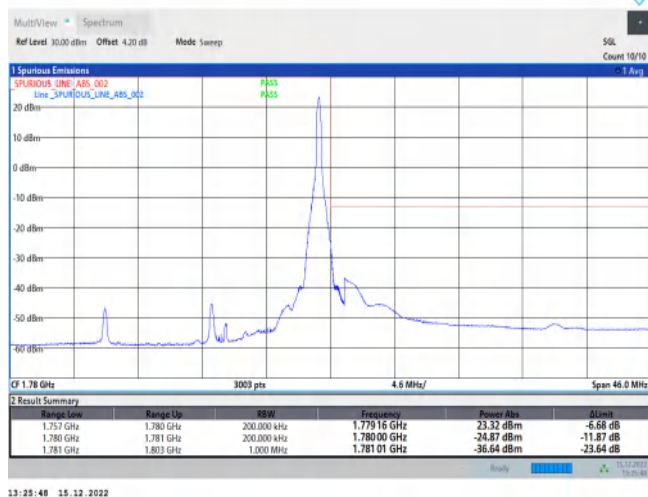
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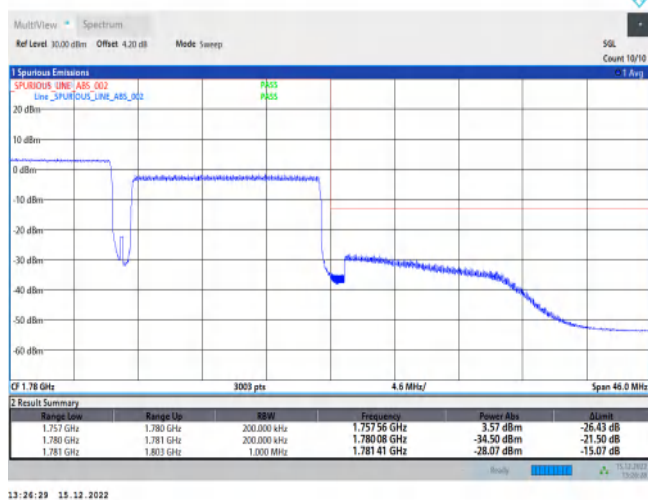
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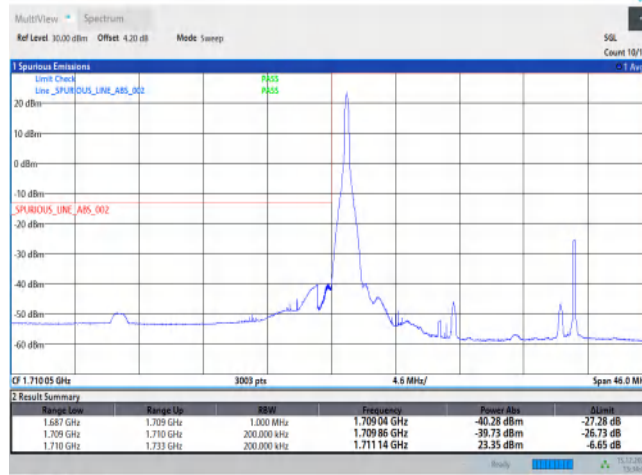


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66-66-15MHz-20MHz-QPSK-QPSK-132050-132221-1RB#0-0RB#0



13:34:06 15.12.2022

66-66-15MHz-20MHz-QPSK-QPSK-132050-132221-75RB#0-100RB#0

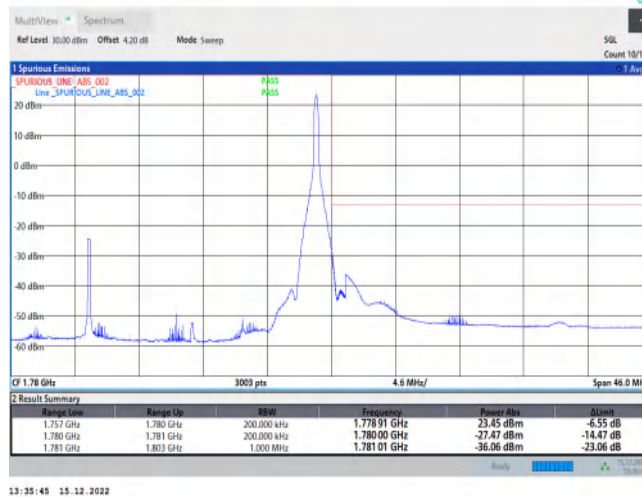


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66-66-15MHz-20MHz-QPSK-QPSK-132401-132572-0RB#0-1RB#99



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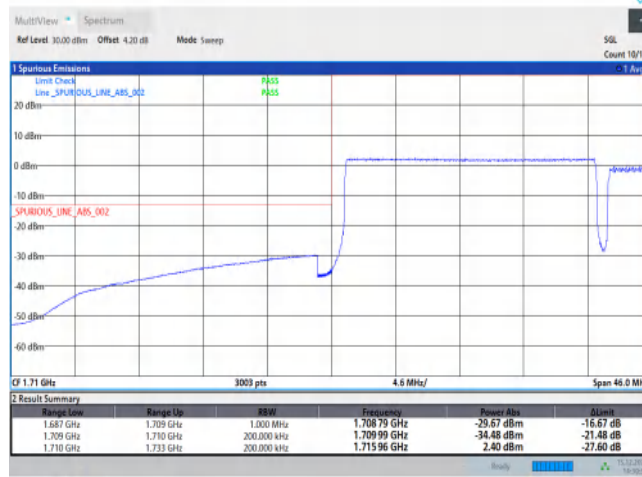


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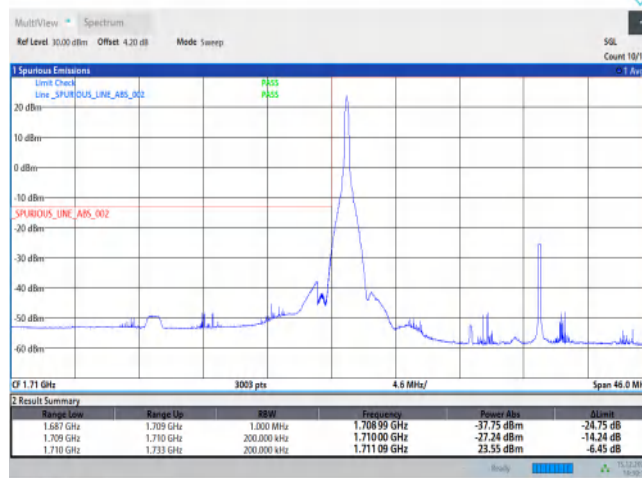
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66-66-20MHz-10MHz-QPSK-QPSK-132072-132216-100RB#0-50RB#0



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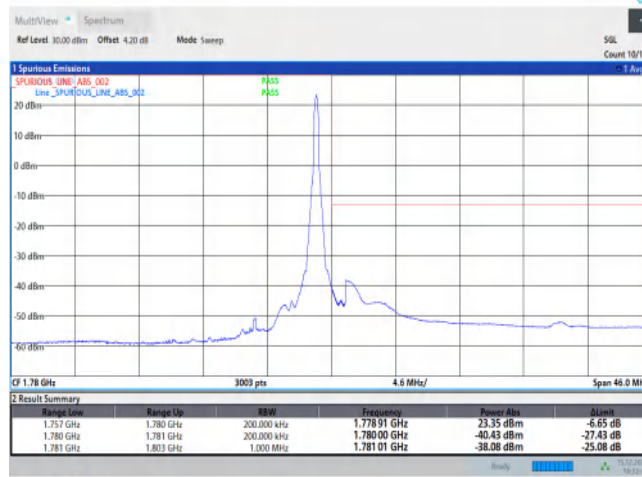


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66-66-20MHz-10MHz-QPSK-QPSK-132473-132617-0RB#0-1RB#49



14:32:04 15.12.2022

66-66-20MHz-10MHz-QPSK-QPSK-132473-132617-100RB#0-50RB#0



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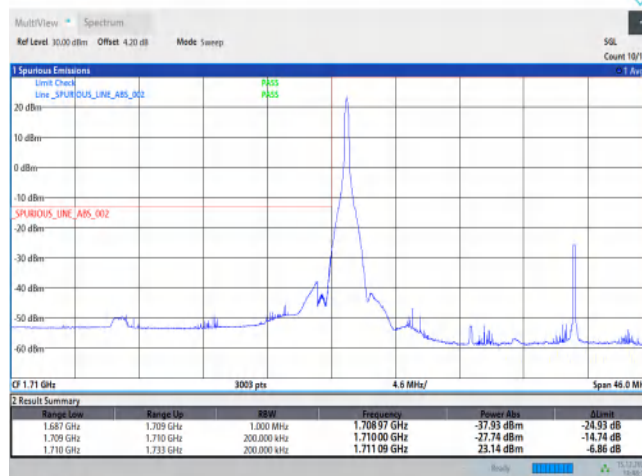
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66-66-20MHz-15MHz-QPSK-QPSK-132072-132243-100RB#0-75RB#0



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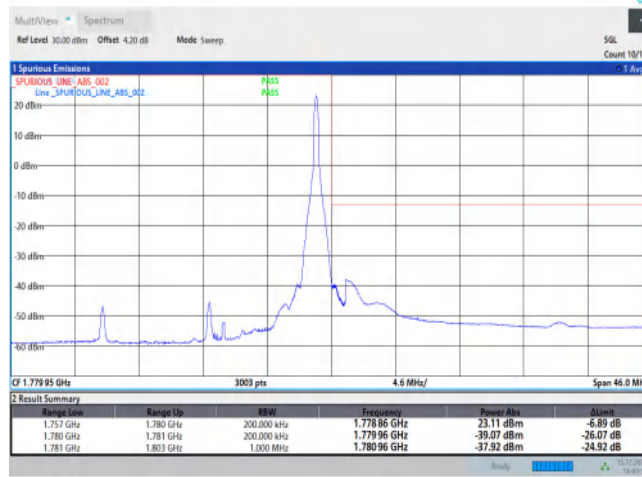


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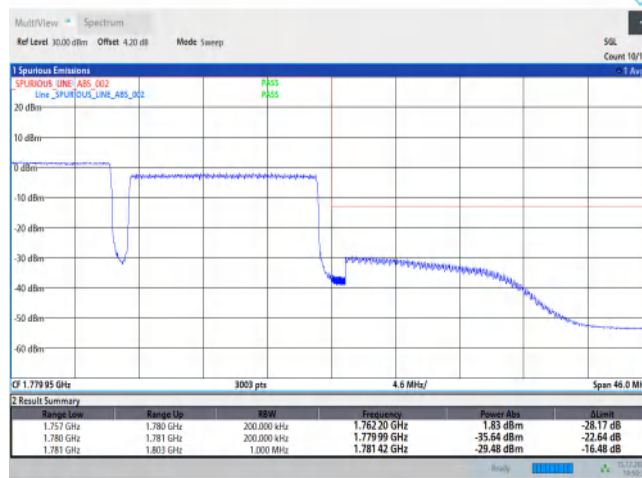
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66-66-20MHz-15MHz-QPSK-QPSK-132423-132594-0RB#0-1RB#74



14:49:56 15.12.2022

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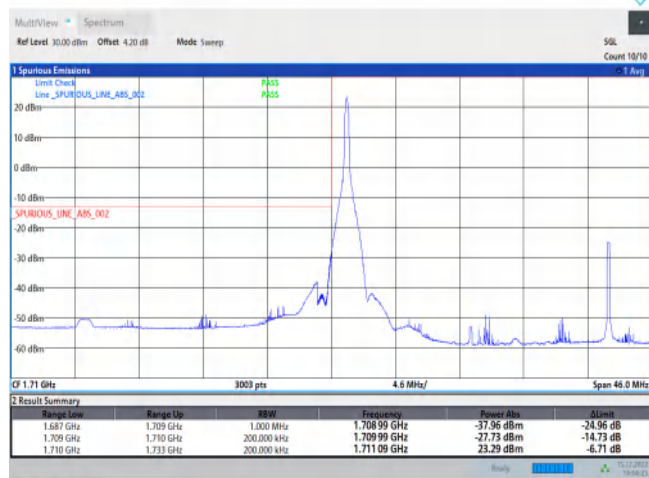
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66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-100RB#0-100RB#0



14:05:06 15.12.2022

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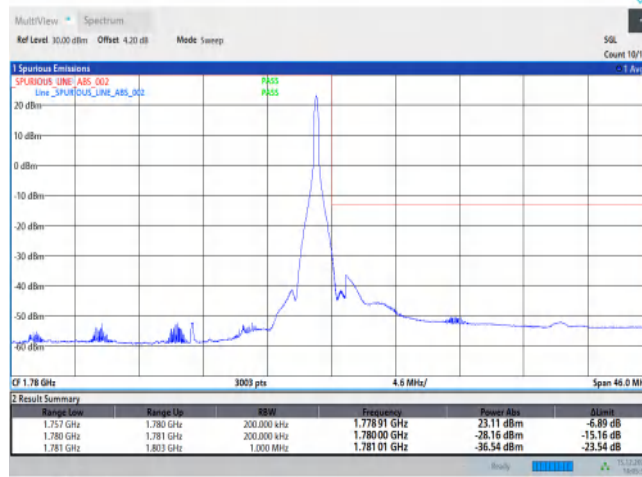


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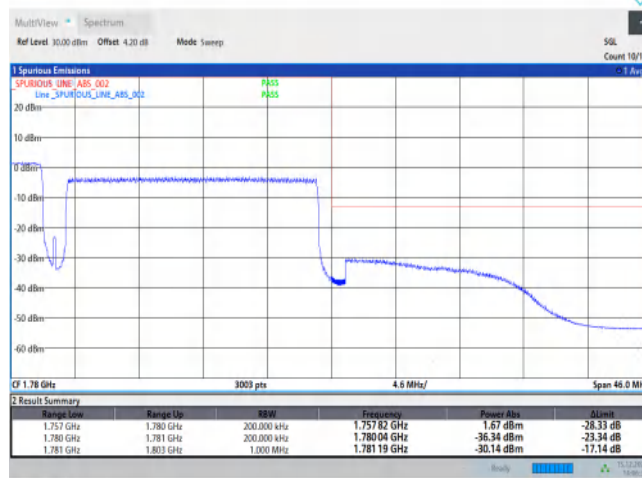
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-0RB#0-1RB#99



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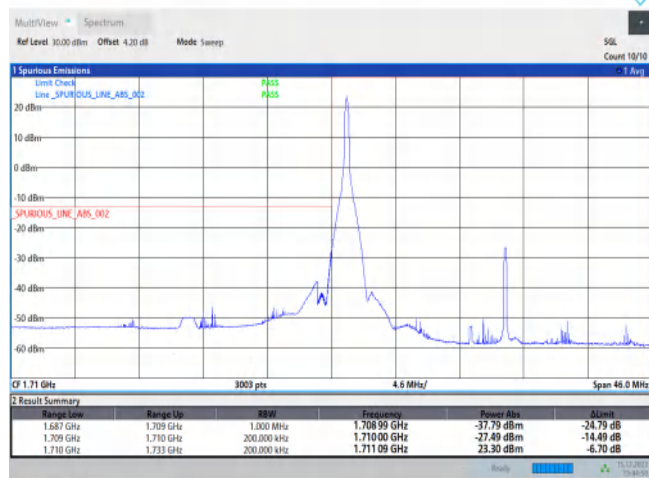


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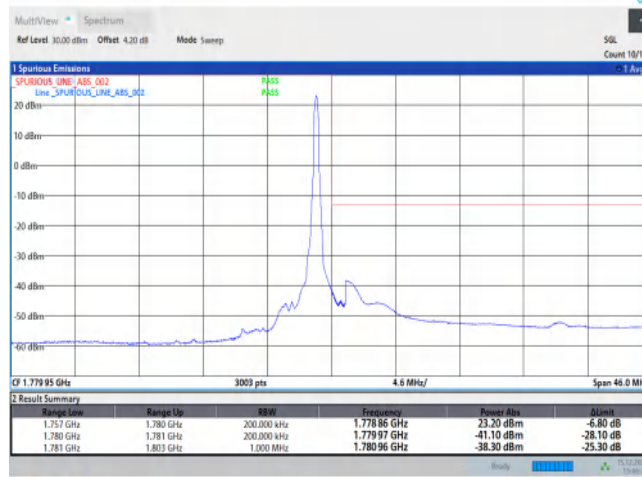


13:44:51 15.12.2022



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66-66-20MHz-5MHz-QPSK-QPSK-132522-132639-0RB#0-1RB#24



13:46:30 15.12.2022

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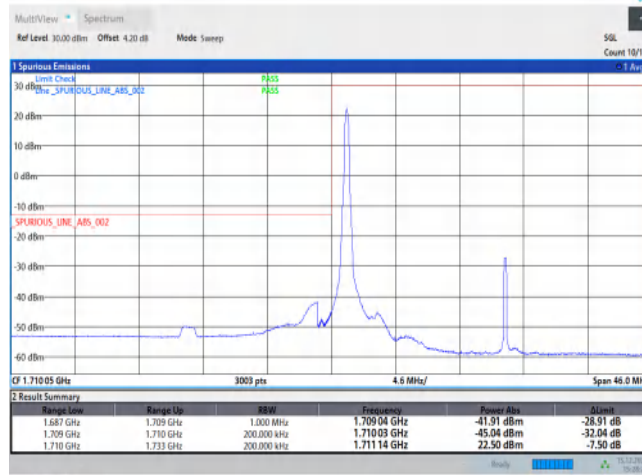


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66-66-5MHz-20MHz-QPSK-QPSK-132005-132122-1RB#0-0RB#0



66-66-5MHz-20MHz-QPSK-QPSK-132005-132122-25RB#0-100RB#0

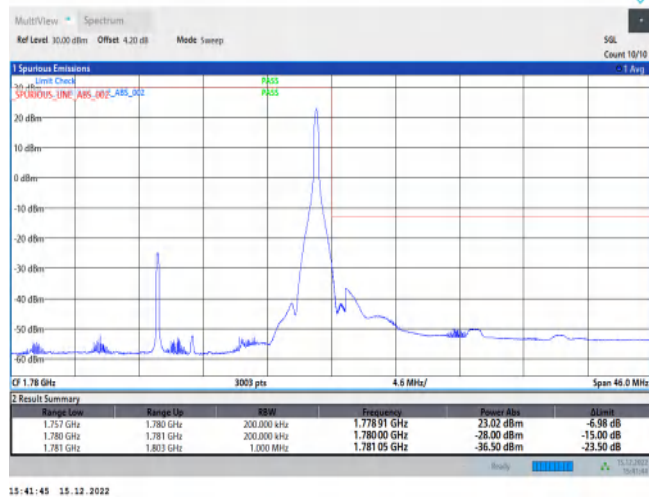


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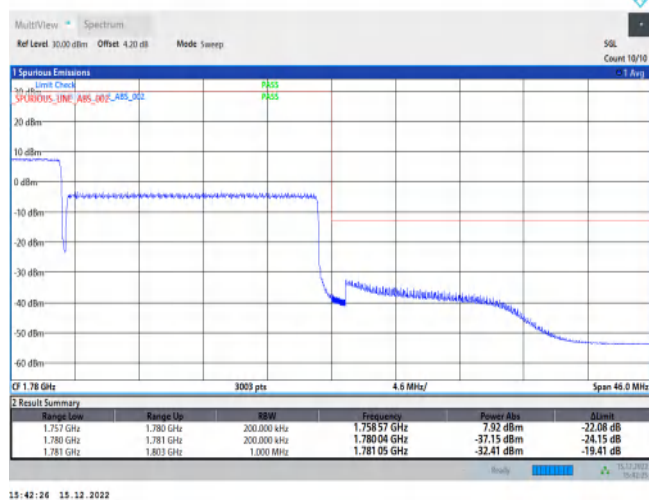
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66-66-5MHz-20MHz-QPSK-QPSK-132455-132572-0RB#0-1RB#99



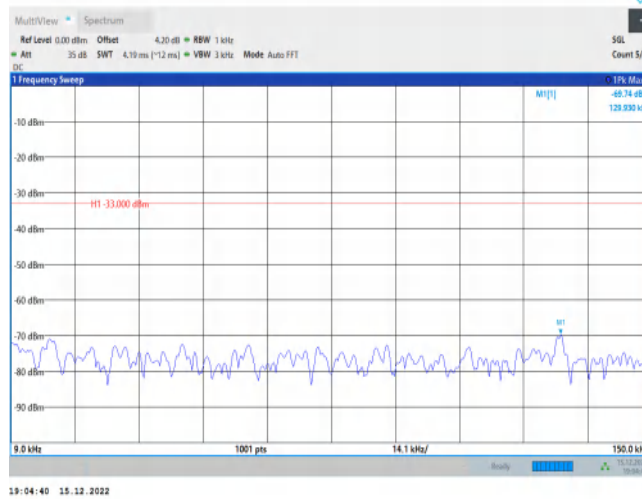
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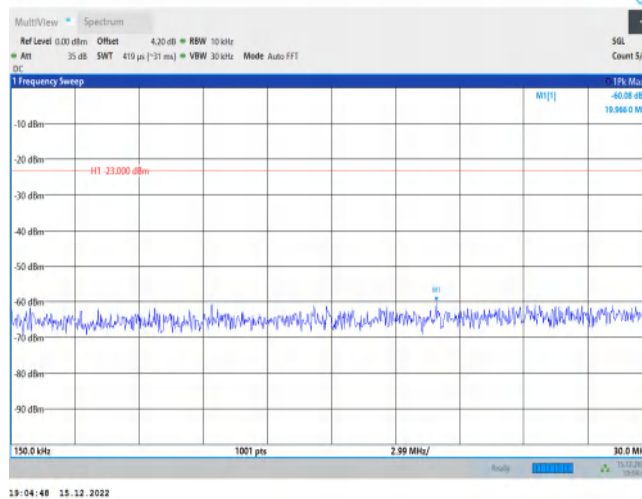
Conducted Spurious Emission

Test Graphs

66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-0.009~0.15MHz

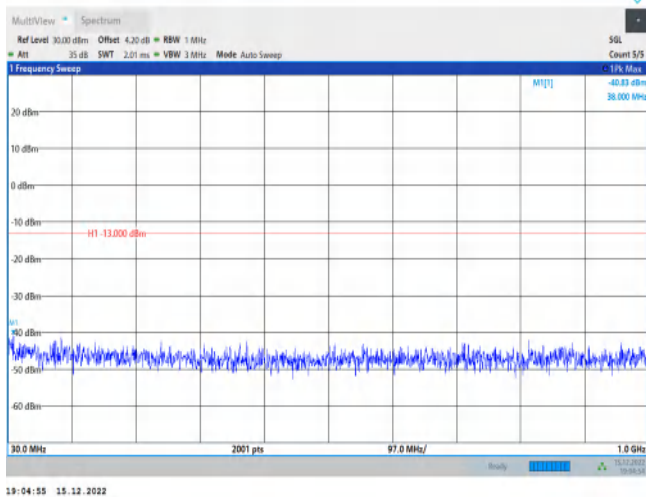


66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-0.15~30MHz



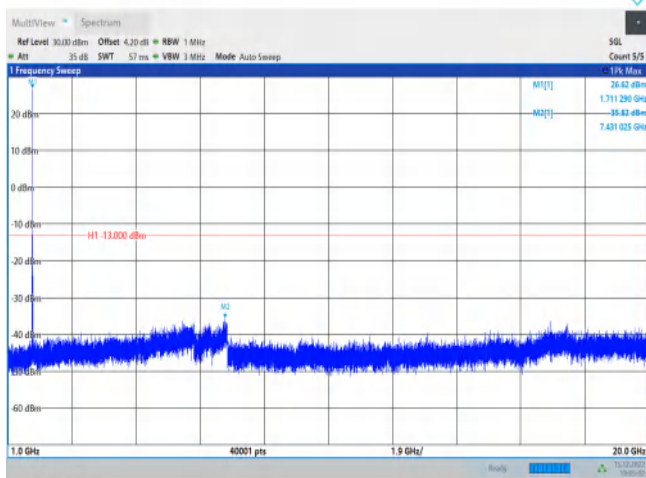
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66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-30~1000MHz



19:04:55 15.12.2022

66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-1000~20000MHz

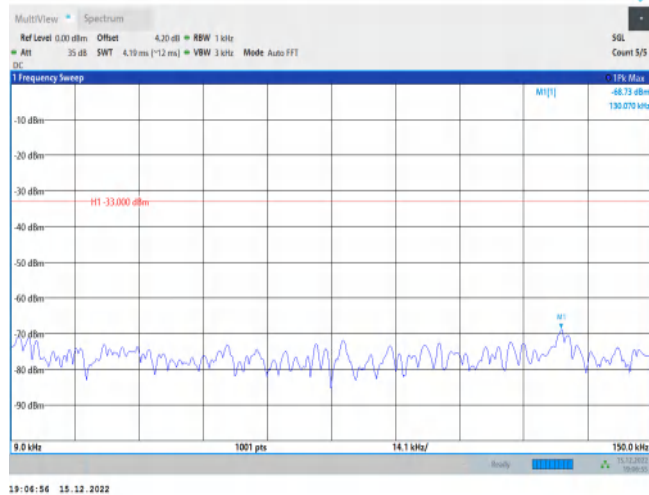


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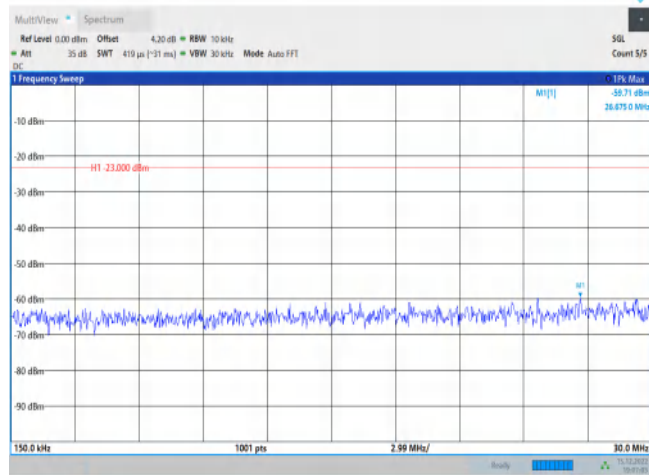
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.009~0.15MHz



19:06:56 15.12.2022

66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.15~30MHz



19:07:03 15.12.2022



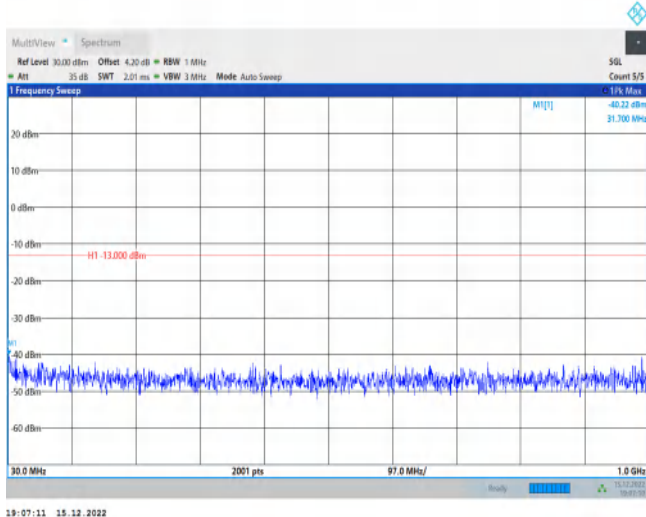
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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

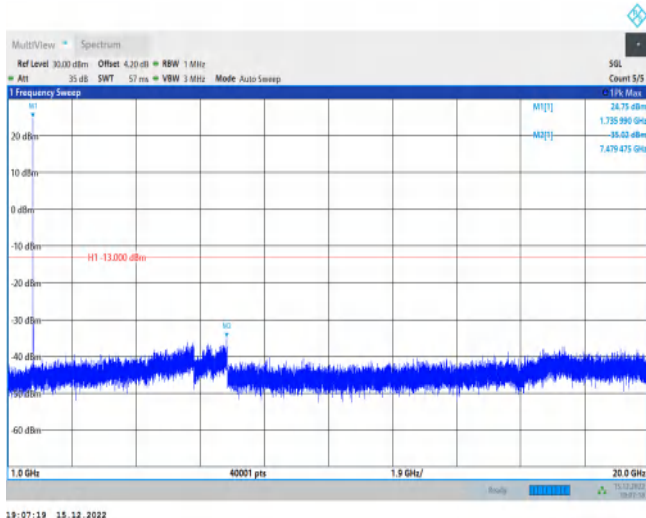
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-30~1000MHz

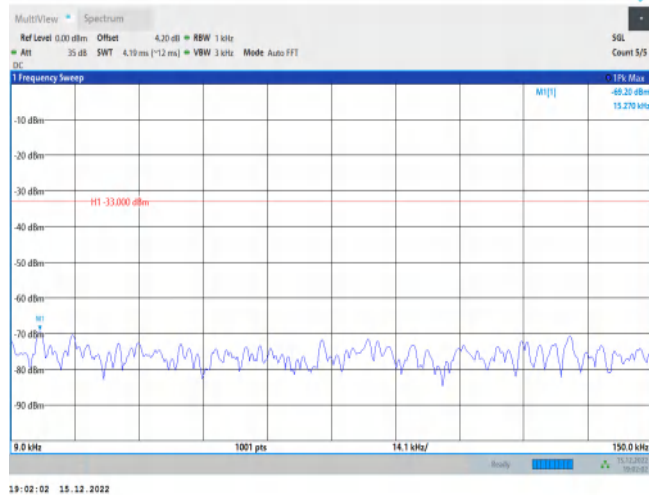


66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-1000~20000MHz

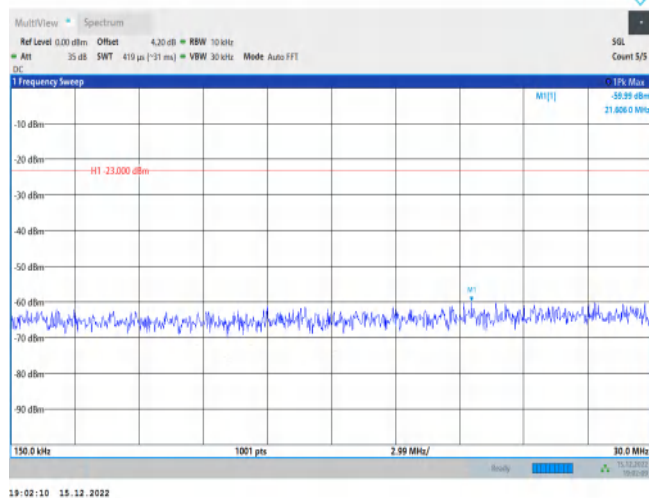


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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.009~0.15MHz

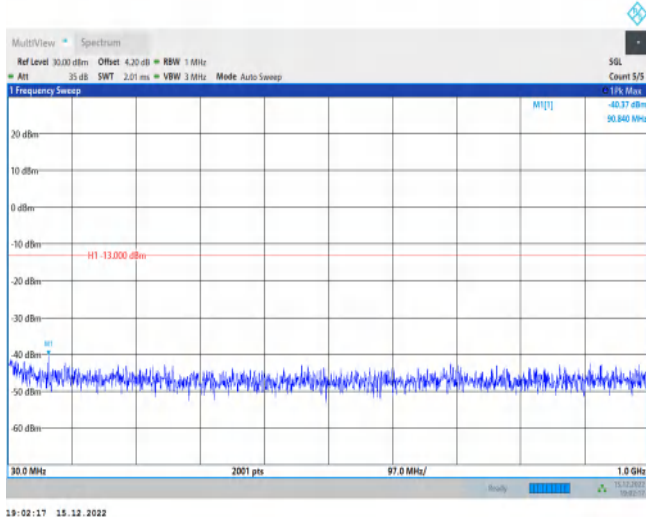


66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.15~30MHz

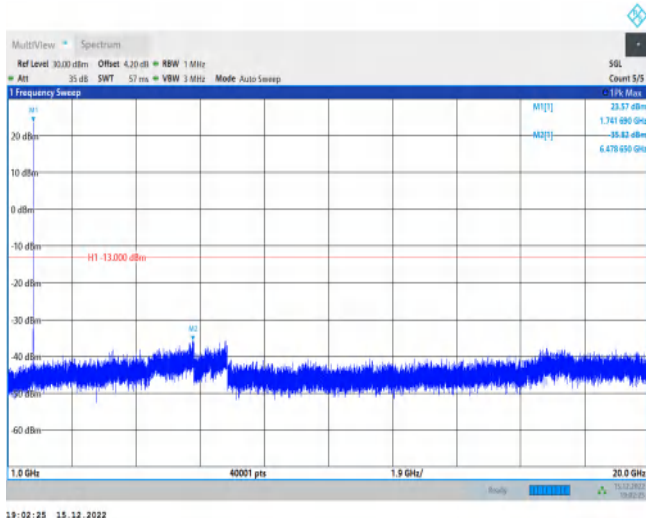


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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-30~1000MHz



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = UL CA 66C ANT0_ 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	3422.25	51.76	-45.88	29.43	-59.95	-13.00	46.95	135	17	Horizontal
2	5106.27	41.08	-44.28	32.60	-65.86	-13.00	52.86	184	197	Horizontal
3	6808.36	39.43	-42.55	35.82	-62.56	-13.00	49.56	216	50	Horizontal
4	8510.45	36.31	-39.54	38.06	-60.43	-13.00	47.43	351	357	Horizontal
5	10212.54	34.48	-36.59	38.73	-58.63	-13.00	45.63	298	50	Horizontal
6	11914.63	29.74	-35.10	38.68	-61.94	-13.00	48.94	165	1	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	3422.25	52.85	-45.88	29.43	-58.86	-13.00	45.86	218	47	Vertical
2	5106.27	40.66	-44.28	32.60	-66.28	-13.00	53.28	269	166	Vertical
3	6808.36	39.54	-42.55	35.82	-62.45	-13.00	49.45	327	298	Vertical
4	8510.45	37.30	-39.54	38.06	-59.44	-13.00	46.44	364	315	Vertical
5	10212.54	35.23	-36.59	38.73	-57.88	-13.00	44.88	152	233	Vertical
6	11914.63	30.72	-35.10	38.68	-60.96	-13.00	47.96	213	199	Vertical



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Test Band = UL CA 66C ANT0_ 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	3472.38	50.05	-45.76	29.41	-61.56	-13.00	48.56	216	313	Horizontal
2	5208.57	41.52	-44.14	32.60	-65.28	-13.00	52.28	238	1	Horizontal
3	6944.76	43.47	-42.50	36.09	-58.20	-13.00	45.20	294	329	Horizontal
4	8680.95	36.48	-39.45	38.25	-59.99	-13.00	46.99	354	114	Horizontal
5	10417.14	31.43	-36.46	38.96	-61.33	-13.00	48.33	198	230	Horizontal
6	12153.33	31.05	-35.22	38.75	-60.68	-13.00	47.68	131	17	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	3472.38	51.63	-45.76	29.41	-59.98	-13.00	46.98	285	78	Vertical
2	5208.57	41.71	-44.14	32.60	-65.09	-13.00	52.09	214	194	Vertical
3	6944.76	42.10	-42.50	36.09	-59.57	-13.00	46.57	235	110	Vertical
4	8680.95	36.59	-39.45	38.25	-59.88	-13.00	46.88	163	160	Vertical
5	10417.14	31.88	-36.46	38.96	-60.88	-13.00	47.88	326	328	Vertical
6	12153.33	31.56	-35.22	38.75	-60.17	-13.00	47.17	147	78	Vertical



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Test Band = UL CA 66C ANT0_ 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	3482.58	49.71	-45.73	29.41	-61.87	-13.00	48.87	255	31	Horizontal
2	5223.87	40.98	-44.12	32.60	-65.80	-13.00	52.80	312	0	Horizontal
3	6965.16	40.37	-42.53	36.13	-61.29	-13.00	48.29	364	129	Horizontal
4	8706.45	36.52	-39.35	38.28	-59.82	-13.00	46.82	152	129	Horizontal
5	10447.74	32.92	-36.43	38.99	-59.78	-13.00	46.78	189	2	Horizontal
6	12189.03	31.66	-35.25	38.79	-60.06	-13.00	47.06	213	31	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	3482.58	45.95	-45.73	29.41	-65.63	-13.00	52.63	215	314	Vertical
2	5223.87	40.58	-44.12	32.60	-66.20	-13.00	53.20	236	345	Vertical
3	6965.16	41.51	-42.53	36.13	-60.15	-13.00	47.15	189	314	Vertical
4	8706.45	37.48	-39.35	38.28	-58.86	-13.00	45.86	325	166	Vertical
5	10447.74	33.08	-36.43	38.99	-59.62	-13.00	46.62	165	0	Vertical
6	12189.03	32.13	-35.25	38.79	-59.59	-13.00	46.59	174	83	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
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VH	NT	42.00	0.024067	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VL	NT	39.80	0.022807	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VN	NT	39.30	0.022520	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	75	34.80	0.018609	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	60	24.50	0.013101	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	50	22.80	0.013065	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	40	26.70	0.015300	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	30	27.50	0.015758	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	20	30.90	0.017707	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	10	31.60	0.018108	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	0	33.20	0.019025	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-10	37.00	0.021202	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-20	38.20	0.021890	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-30	41.20	0.023609	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-40	29.10	0.015561	PASS

---End of Attachment---



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