

Report No.: SEWA2210000069RG01

Rev.: 01

Page: 1 of 77

Appendix B.7

LTE CA_66B



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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-10MHz	QPSK-QPSK	132022-132121	1RB#0-0RB#0	22.11	22.5	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132022-132121	50RB#0-50RB#0	20.58	20.97	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	1RB#0-0RB#0	22.21	22.6	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	20.74	21.13	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	1RB#0-0RB#0	22.14	22.53	30	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	50RB#0-50RB#0	20.57	20.96	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	1RB#0-0RB#0	21.43	21.82	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	50RB#0-50RB#0	19.59	19.98	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	1RB#0-0RB#0	21.51	21.9	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	50RB#0-50RB#0	19.74	20.13	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	1RB#0-0RB#0	21.37	21.76	30	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	50RB#0-50RB#0	19.79	20.18	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132022-132121	1RB#0-0RB#0	20.75	21.14	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132022-132121	50RB#0-50RB#0	19.61	20	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	1RB#0-0RB#0	20.81	21.2	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	50RB#0-50RB#0	19.78	20.17	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132523-132622	1RB#0-0RB#0	20.63	21.02	30	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132523-132622	50RB#0-50RB#0	19.81	20.2	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132022-132121	1RB#0-0RB#0	17.5	17.89	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132022-132121	50RB#0-50RB#0	17.53	17.92	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	1RB#0-0RB#0	17.59	17.98	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	50RB#0-50RB#0	17.73	18.12	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132523-132622	1RB#0-0RB#0	17.48	17.87	30	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132523-132622	50RB#0-50RB#0	17.75	18.14	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132022-132094	1RB#0-0RB#0	22.21	22.6	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132022-132094	50RB#0-25RB#0	20.7	21.09	30	PASS



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Report No.: SEWA2210000069RG01

Rev.: 01

Page: 3 of 77

66-66	10MHz-5MHz	QPSK-QPSK	132397-132469	1RB#0-0RB#0	22.26	22.65	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132397-132469	50RB#0-25RB#0	20.73	21.12	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132572-132644	1RB#0-0RB#0	22.18	22.57	30	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132572-132644	50RB#0-25RB#0	20.62	21.01	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132022-132094	1RB#0-0RB#0	21.53	21.92	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132022-132094	50RB#0-25RB#0	19.72	20.11	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132397-132469	1RB#0-0RB#0	21.53	21.92	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132397-132469	50RB#0-25RB#0	19.76	20.15	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132572-132644	1RB#0-0RB#0	21.44	21.83	30	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132572-132644	50RB#0-25RB#0	19.84	20.23	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132022-132094	1RB#0-0RB#0	20.81	21.2	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132022-132094	50RB#0-25RB#0	19.72	20.11	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132397-132469	1RB#0-0RB#0	20.76	21.15	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132397-132469	50RB#0-25RB#0	19.75	20.14	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132572-132644	1RB#0-0RB#0	20.69	21.08	30	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132572-132644	50RB#0-25RB#0	19.82	20.21	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132022-132094	1RB#0-0RB#0	17.56	17.95	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132022-132094	50RB#0-25RB#0	17.63	18.02	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132397-132469	1RB#0-0RB#0	17.61	18	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132397-132469	50RB#0-25RB#0	17.71	18.1	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132572-132644	1RB#0-0RB#0	17.52	17.91	30	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132572-132644	50RB#0-25RB#0	17.79	18.18	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132047-132140	1RB#0-0RB#0	22.5	22.89	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132047-132140	75RB#0-25RB#0	20.75	21.14	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132398-132491	1RB#0-0RB#0	22.55	22.94	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132398-132491	75RB#0-25RB#0	20.83	21.22	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	1RB#0-0RB#0	22.46	22.85	30	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	75RB#0-25RB#0	20.71	21.1	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132047-132140	1RB#0-0RB#0	21.73	22.12	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132047-132140	75RB#0-25RB#0	19.75	20.14	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132398-132491	1RB#0-0RB#0	21.78	22.17	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132398-132491	75RB#0-25RB#0	19.86	20.25	30	PASS



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66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	1RB#0-0RB#0	21.68	22.07	30	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	75RB#0-25RB#0	19.88	20.27	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132047-132140	1RB#0-0RB#0	20.92	21.31	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132047-132140	75RB#0-25RB#0	19.74	20.13	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132398-132491	1RB#0-0RB#0	21	21.39	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132398-132491	75RB#0-25RB#0	19.86	20.25	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132549-132642	1RB#0-0RB#0	21.03	21.42	30	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132549-132642	75RB#0-25RB#0	19.9	20.29	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132047-132140	1RB#0-0RB#0	17.83	18.22	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132047-132140	75RB#0-25RB#0	17.69	18.08	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132398-132491	1RB#0-0RB#0	17.9	18.29	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132398-132491	75RB#0-25RB#0	17.79	18.18	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132549-132642	1RB#0-0RB#0	17.79	18.18	30	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132549-132642	75RB#0-25RB#0	17.88	18.27	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132000-132072	1RB#0-0RB#0	22.18	22.57	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132000-132072	25RB#0-50RB#0	20.69	21.08	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132375-132447	1RB#0-0RB#0	22.25	22.64	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132375-132447	25RB#0-50RB#0	20.77	21.16	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132550-132622	1RB#0-0RB#0	22.16	22.55	30	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132550-132622	25RB#0-50RB#0	20.57	20.96	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132000-132072	1RB#0-0RB#0	21.48	21.87	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132000-132072	25RB#0-50RB#0	19.68	20.07	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132375-132447	1RB#0-0RB#0	21.57	21.96	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132375-132447	25RB#0-50RB#0	19.74	20.13	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132550-132622	1RB#0-0RB#0	21.4	21.79	30	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132550-132622	25RB#0-50RB#0	19.78	20.17	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132000-132072	1RB#0-0RB#0	20.68	21.07	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132000-132072	25RB#0-50RB#0	19.66	20.05	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132375-132447	1RB#0-0RB#0	20.7	21.09	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132375-132447	25RB#0-50RB#0	19.77	20.16	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132550-132622	1RB#0-0RB#0	20.62	21.01	30	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132550-132622	25RB#0-50RB#0	19.76	20.15	30	PASS



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66-66	5MHz-10MHz	256QAM-256QAM	132000-132072	1RB#0-0RB#0	17.55	17.94	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132000-132072	25RB#0-50RB#0	17.63	18.02	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132375-132447	1RB#0-0RB#0	17.59	17.98	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132375-132447	25RB#0-50RB#0	17.72	18.11	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132550-132622	1RB#0-0RB#0	17.49	17.88	30	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132550-132622	25RB#0-50RB#0	17.73	18.12	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132002-132095	1RB#0-0RB#0	22.12	22.51	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132002-132095	25RB#0-75RB#0	20.6	20.99	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132353-132446	1RB#0-0RB#0	22.19	22.58	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132353-132446	25RB#0-75RB#0	20.74	21.13	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132504-132597	1RB#0-0RB#0	22.14	22.53	30	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132504-132597	25RB#0-75RB#0	20.51	20.9	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132002-132095	1RB#0-0RB#0	21.4	21.79	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132002-132095	25RB#0-75RB#0	19.59	19.98	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132353-132446	1RB#0-0RB#0	21.53	21.92	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132353-132446	25RB#0-75RB#0	19.75	20.14	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132504-132597	1RB#0-0RB#0	21.37	21.76	30	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132504-132597	25RB#0-75RB#0	19.74	20.13	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132002-132095	1RB#0-0RB#0	20.7	21.09	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132002-132095	25RB#0-75RB#0	19.58	19.97	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132353-132446	1RB#0-0RB#0	20.69	21.08	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132353-132446	25RB#0-75RB#0	19.73	20.12	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132504-132597	1RB#0-0RB#0	20.6	20.99	30	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132504-132597	25RB#0-75RB#0	19.72	20.11	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132002-132095	1RB#0-0RB#0	17.48	17.87	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132002-132095	25RB#0-75RB#0	17.51	17.9	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132353-132446	1RB#0-0RB#0	17.58	17.97	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132353-132446	25RB#0-75RB#0	17.69	18.08	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132504-132597	1RB#0-0RB#0	17.47	17.86	30	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132504-132597	25RB#0-75RB#0	17.69	18.08	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	131997-132045	1RB#0-0RB#0	22.3	22.69	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	131997-132045	25RB#0-25RB#0	20.68	21.07	30	PASS



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Report No.: SEWA2210000069RG01

Rev.: 01

Page: 6 of 77

66-66	5MHz-5MHz	QPSK-QPSK	132398-132446	1RB#0-0RB#0	22.36	22.75	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132398-132446	25RB#0-25RB#0	20.81	21.2	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132599-132647	1RB#0-0RB#0	22.29	22.68	30	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132599-132647	25RB#0-25RB#0	20.64	21.03	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	131997-132045	1RB#0-0RB#0	21.51	21.9	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	131997-132045	25RB#0-25RB#0	19.71	20.1	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132398-132446	1RB#0-0RB#0	21.72	22.11	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132398-132446	25RB#0-25RB#0	19.79	20.18	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132599-132647	1RB#0-0RB#0	21.56	21.95	30	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132599-132647	25RB#0-25RB#0	19.83	20.22	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	131997-132045	1RB#0-0RB#0	20.72	21.11	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	131997-132045	25RB#0-25RB#0	19.64	20.03	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132398-132446	1RB#0-0RB#0	20.8	21.19	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132398-132446	25RB#0-25RB#0	19.81	20.2	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132599-132647	1RB#0-0RB#0	20.76	21.15	30	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132599-132647	25RB#0-25RB#0	19.85	20.24	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	131997-132045	1RB#0-0RB#0	17.63	18.02	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	131997-132045	25RB#0-25RB#0	17.61	18	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132398-132446	1RB#0-0RB#0	17.69	18.08	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132398-132446	25RB#0-25RB#0	17.74	18.13	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132599-132647	1RB#0-0RB#0	17.69	18.08	30	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132599-132647	25RB#0-25RB#0	17.79	18.18	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	10MHz-10MHz	QPSK-QPSK	132022-132121	50RB#0-50RB#0	5.96	13	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	5.88	13	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	50RB#0-50RB#0	5.62	13	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	50RB#0-50RB#0	6.58	13	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	50RB#0-50RB#0	6.62	13	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	50RB#0-50RB#0	6.24	13	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132022-132121	50RB#0-50RB#0	7.08	13	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	50RB#0-50RB#0	6.80	13	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132523-132622	50RB#0-50RB#0	6.58	13	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132022-132121	50RB#0-50RB#0	7.12	13	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	50RB#0-50RB#0	7.00	13	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132523-132622	50RB#0-50RB#0	6.68	13	PASS



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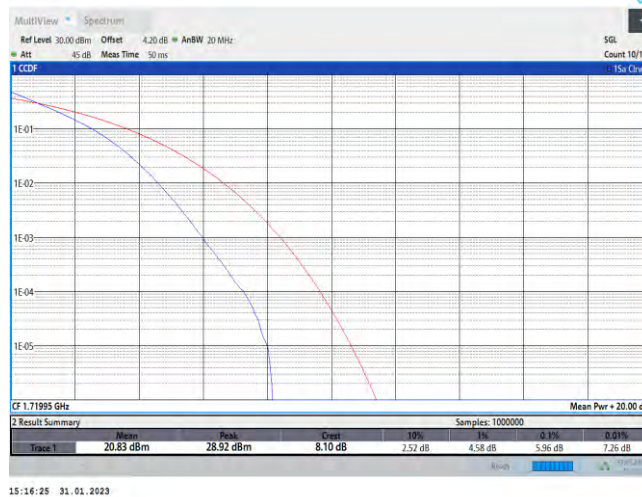
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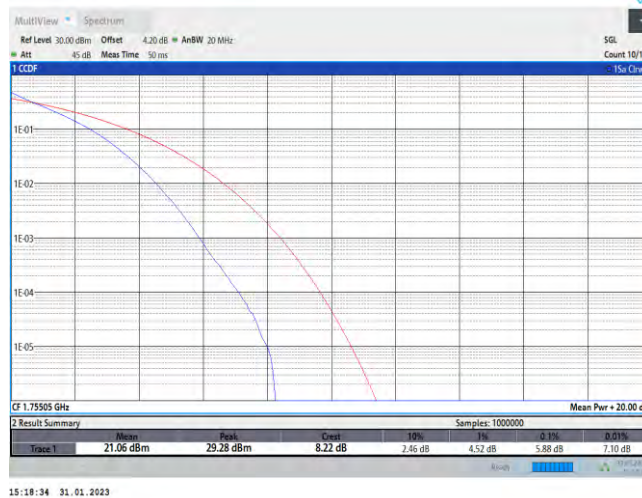
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Test Graphs

66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-50RB#0-50RB#0



66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-50RB#0-50RB#0



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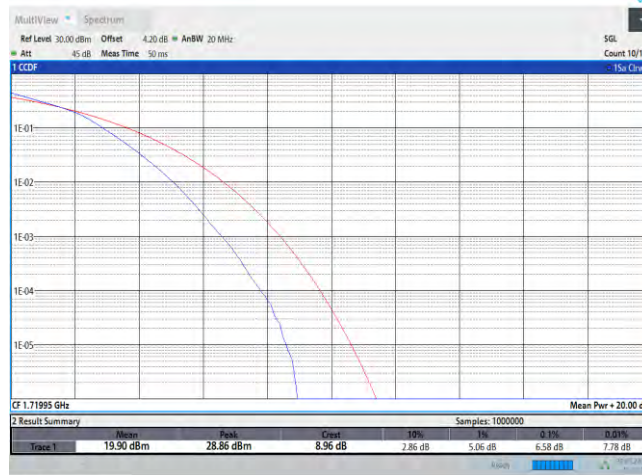
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66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-50RB#0-50RB#0



15:20:38 31.01.2023

66-66-10MHz-10MHz-16QAM-16QAM-132022-132121-50RB#0-50RB#0



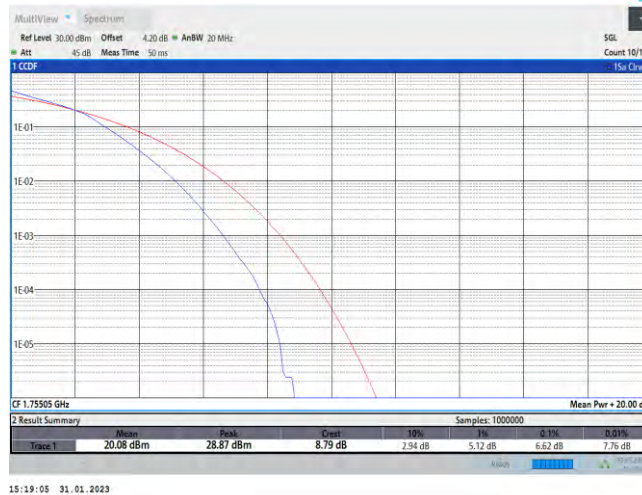
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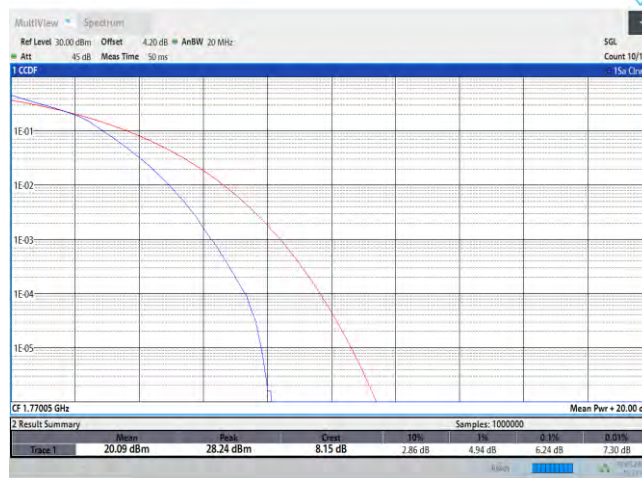
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66-66-10MHz-10MHz-16QAM-16QAM-132373-132472-50RB#0-50RB#0



15:19:05 31.01.2023

66-66-10MHz-10MHz-16QAM-16QAM-132523-132622-50RB#0-50RB#0



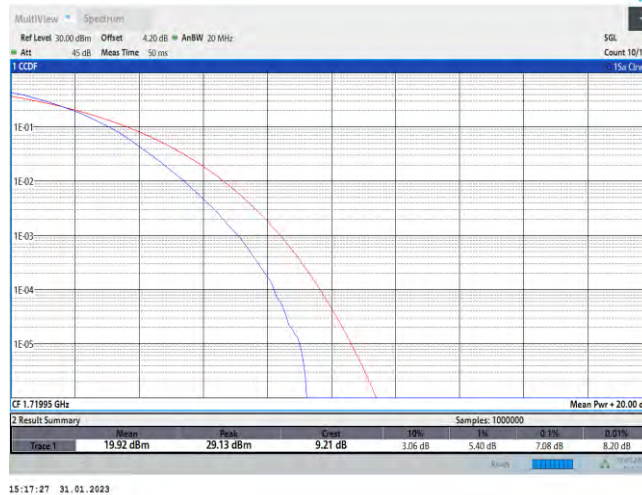
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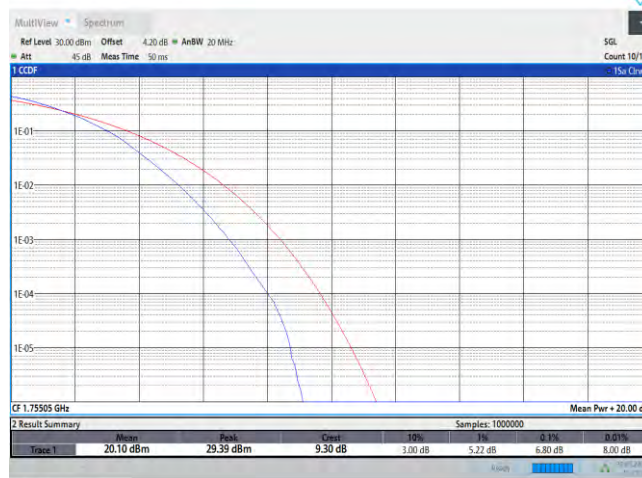
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66-66-10MHz-10MHz-64QAM-64QAM-132022-132121-50RB#0-50RB#0



15:17:27 31. 01. 2023

66-66-10MHz-10MHz-64QAM-64QAM-132373-132472-50RB#0-50RB#0



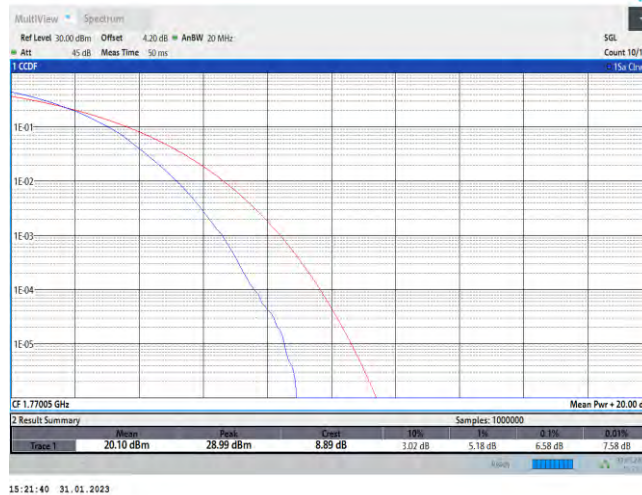
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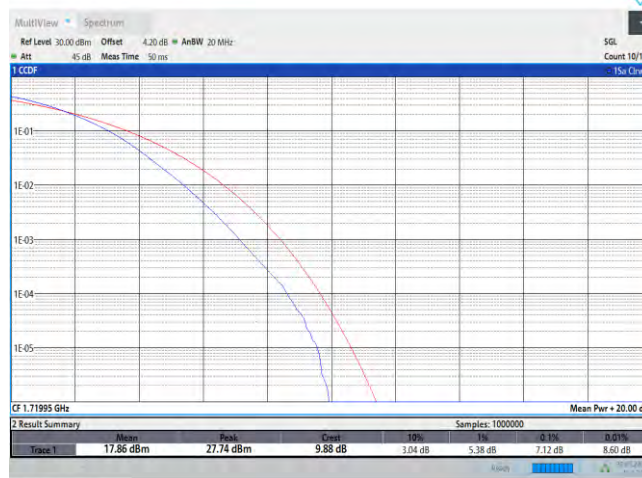
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66-66-10MHz-10MHz-64QAM-64QAM-132523-132622-50RB#0-50RB#0



15:21:40 31. 01. 2023

66-66-10MHz-10MHz-256QAM-256QAM-132022-132121-50RB#0-50RB#0



15:17:58 31. 01. 2023



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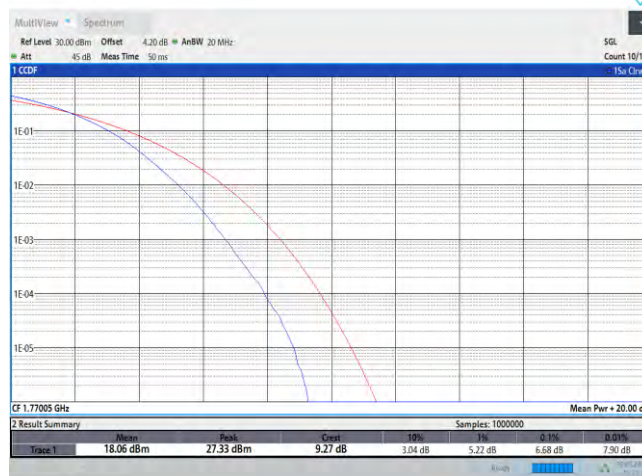
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15:20:06 31.01.2023

66-66-10MHz-10MHz-256QAM-256QAM-132523-132622-50RB#0-50RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	PASS	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	50RB#0-50RB#0	PASS	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	50RB#0-50RB#0	PASS	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	50RB#0-50RB#0	PASS	PASS



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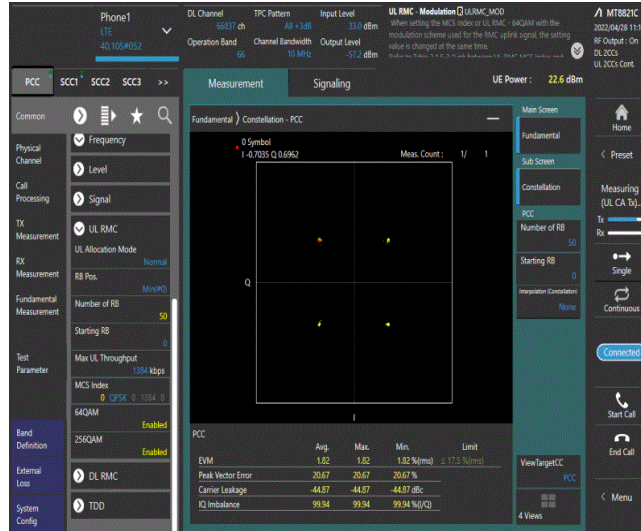
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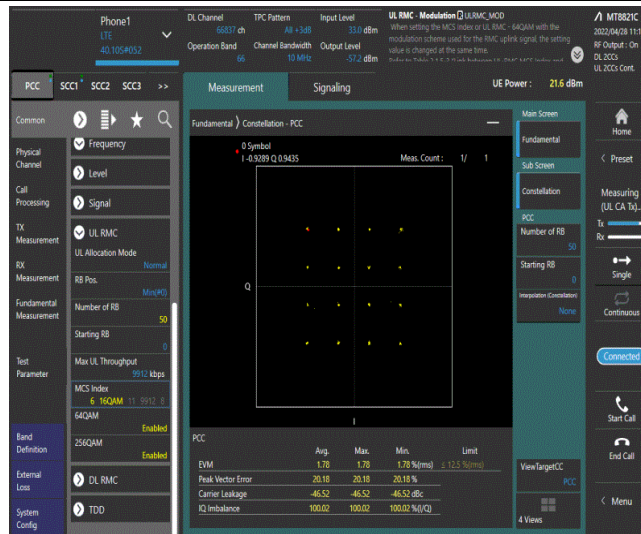
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Test Graphs

66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-50RB#0-50RB#0



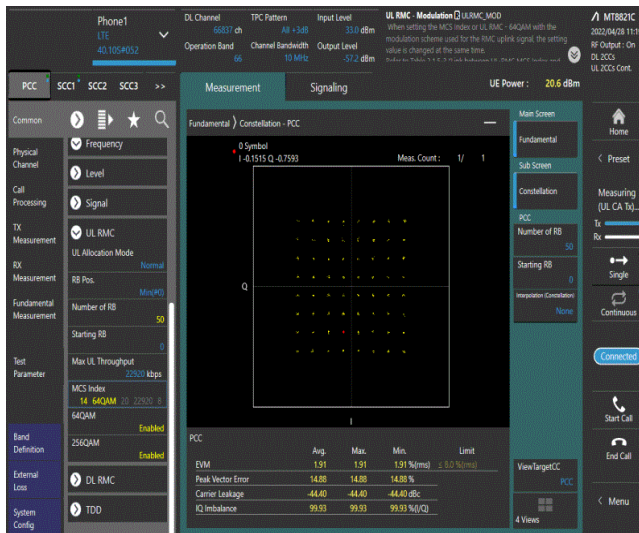
66-66-10MHz-10MHz-16QAM-16QAM -132373-132472-50RB#0-50RB#0



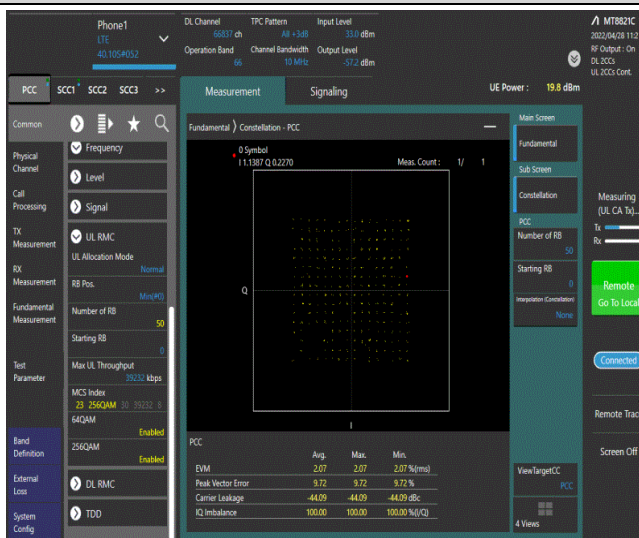
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66-66-10MHz-10MHz-64QAM-64QAM-132373-132472-50RB#0-50RB#0



66-66-10MHz-10MHz-256QAM-256QAM-132373-132472-50RB#0-50RB#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-10MHz	QPSK-QPSK	132022-132121	50RB#0-50RB#0	18.809	20.12	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	18.779	20.08	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	50RB#0-50RB#0	18.79	20.20	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	50RB#0-50RB#0	18.806	20.12	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	50RB#0-50RB#0	18.822	20.12	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	50RB#0-50RB#0	18.757	20.04	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132022-132121	50RB#0-50RB#0	18.781	20.08	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132373-132472	50RB#0-50RB#0	18.802	20.12	PASS
66-66	10MHz-10MHz	64QAM-64QAM	132523-132622	50RB#0-50RB#0	18.71	20.12	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132022-132121	50RB#0-50RB#0	18.763	20.12	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132373-132472	50RB#0-50RB#0	18.789	20.20	PASS
66-66	10MHz-10MHz	256QAM-256QAM	132523-132622	50RB#0-50RB#0	18.729	20.08	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132022-132094	50RB#0-25RB#0	13.846	14.79	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132397-132469	50RB#0-25RB#0	13.854	14.79	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132572-132644	50RB#0-25RB#0	13.858	14.79	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132022-132094	50RB#0-25RB#0	13.828	14.82	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132397-132469	50RB#0-25RB#0	13.842	14.76	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132572-132644	50RB#0-25RB#0	13.832	14.73	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132022-132094	50RB#0-25RB#0	13.835	14.82	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132397-132469	50RB#0-25RB#0	13.864	14.88	PASS
66-66	10MHz-5MHz	64QAM-64QAM	132572-132644	50RB#0-25RB#0	13.835	14.85	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132022-132094	50RB#0-25RB#0	13.848	14.85	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132397-132469	50RB#0-25RB#0	13.848	14.82	PASS
66-66	10MHz-5MHz	256QAM-256QAM	132572-132644	50RB#0-25RB#0	13.854	14.91	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132047-132140	75RB#0-25RB#0	18.221	19.72	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132398-132491	75RB#0-25RB#0	18.266	19.72	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	75RB#0-25RB#0	18.229	19.68	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132047-132140	75RB#0-25RB#0	18.193	19.60	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132398-132491	75RB#0-25RB#0	18.223	19.60	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	75RB#0-25RB#0	18.213	19.64	PASS



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66-66	15MHz-5MHz	64QAM-64QAM	132047-132140	75RB#0-25RB#0	18.203	19.64	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132398-132491	75RB#0-25RB#0	18.24	19.68	PASS
66-66	15MHz-5MHz	64QAM-64QAM	132549-132642	75RB#0-25RB#0	18.249	19.72	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132047-132140	75RB#0-25RB#0	18.239	19.56	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132398-132491	75RB#0-25RB#0	18.307	19.76	PASS
66-66	15MHz-5MHz	256QAM-256QAM	132549-132642	75RB#0-25RB#0	18.254	19.80	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132000-132072	25RB#0-50RB#0	13.846	14.67	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132375-132447	25RB#0-50RB#0	13.863	14.73	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132550-132622	25RB#0-50RB#0	13.814	14.76	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132000-132072	25RB#0-50RB#0	13.861	14.64	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132375-132447	25RB#0-50RB#0	13.844	14.67	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132550-132622	25RB#0-50RB#0	13.827	14.64	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132000-132072	25RB#0-50RB#0	13.859	14.79	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132375-132447	25RB#0-50RB#0	13.853	14.61	PASS
66-66	5MHz-10MHz	64QAM-64QAM	132550-132622	25RB#0-50RB#0	13.812	14.67	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132000-132072	25RB#0-50RB#0	13.827	14.76	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132375-132447	25RB#0-50RB#0	13.832	14.70	PASS
66-66	5MHz-10MHz	256QAM-256QAM	132550-132622	25RB#0-50RB#0	13.8	14.70	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132002-132095	25RB#0-75RB#0	18.286	19.40	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132353-132446	25RB#0-75RB#0	18.28	19.52	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132504-132597	25RB#0-75RB#0	18.252	22.96	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132002-132095	25RB#0-75RB#0	18.223	19.36	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132353-132446	25RB#0-75RB#0	18.239	19.40	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132504-132597	25RB#0-75RB#0	18.118	19.36	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132002-132095	25RB#0-75RB#0	18.28	19.48	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132353-132446	25RB#0-75RB#0	18.241	19.56	PASS
66-66	5MHz-15MHz	64QAM-64QAM	132504-132597	25RB#0-75RB#0	18.158	19.52	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132002-132095	25RB#0-75RB#0	18.23	19.36	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132353-132446	25RB#0-75RB#0	18.229	19.40	PASS
66-66	5MHz-15MHz	256QAM-256QAM	132504-132597	25RB#0-75RB#0	18.156	19.32	PASS
66-66	5MHz-5MHz	QPSK-QPSK	131997-132045	25RB#0-25RB#0	9.236	9.84	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132398-132446	25RB#0-25RB#0	9.226	9.84	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132599-132647	25RB#0-25RB#0	9.196	9.84	PASS
66-66	5MHz-5MHz	16QAM-16QAM	131997-132045	25RB#0-25RB#0	9.213	9.84	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132398-132446	25RB#0-25RB#0	9.211	9.82	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132599-132647	25RB#0-25RB#0	9.207	9.86	PASS
66-66	5MHz-5MHz	64QAM-64QAM	131997-132045	25RB#0-25RB#0	9.231	9.90	PASS



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Report No.: SEWA2210000069RG01

Rev.: 01

Page: 19 of 77

66-66	5MHz-5MHz	64QAM-64QAM	132398-132446	25RB#0-25RB#0	9.222	9.94	PASS
66-66	5MHz-5MHz	64QAM-64QAM	132599-132647	25RB#0-25RB#0	9.209	9.82	PASS
66-66	5MHz-5MHz	256QAM-256QAM	131997-132045	25RB#0-25RB#0	9.224	9.84	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132398-132446	25RB#0-25RB#0	9.2	9.90	PASS
66-66	5MHz-5MHz	256QAM-256QAM	132599-132647	25RB#0-25RB#0	9.225	9.92	PASS



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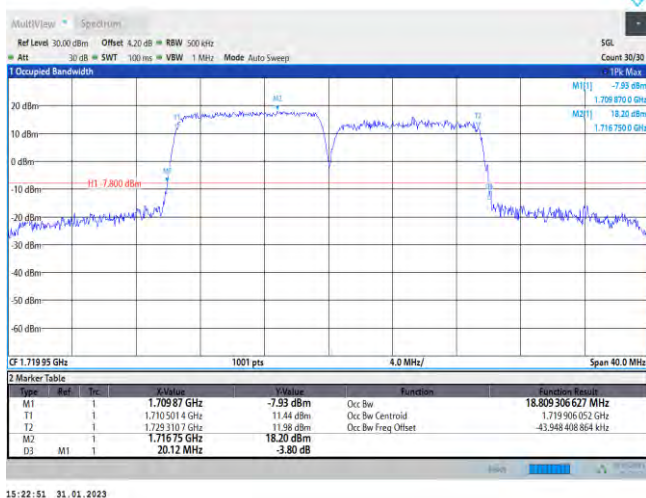
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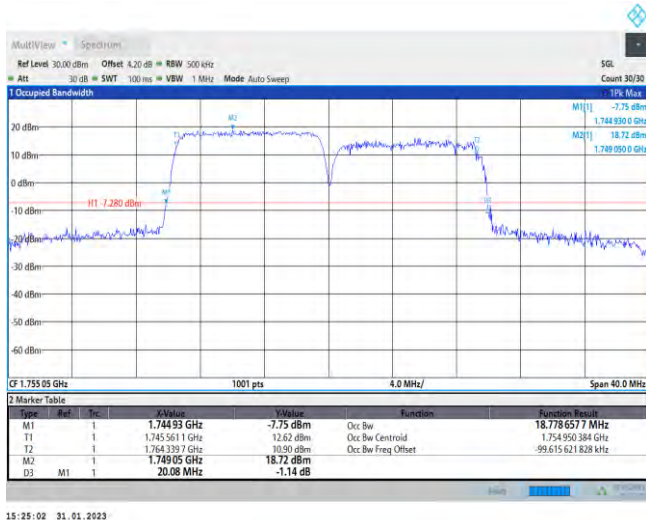
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66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-50RB#0-50RB#0



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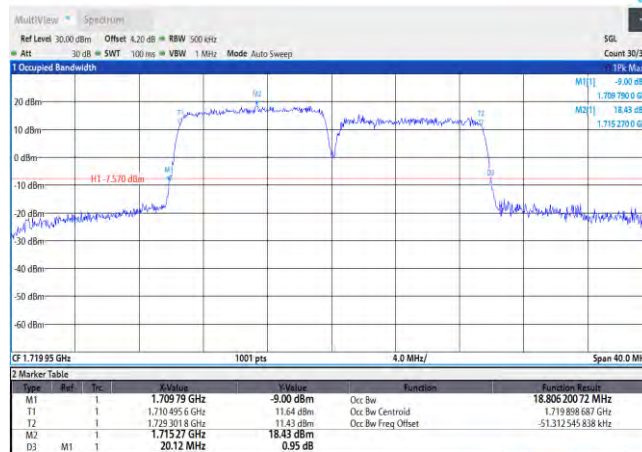
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66-66-10MHz-10MHz-16QAM-16QAM-132022-132121-50RB#0-50RB#0



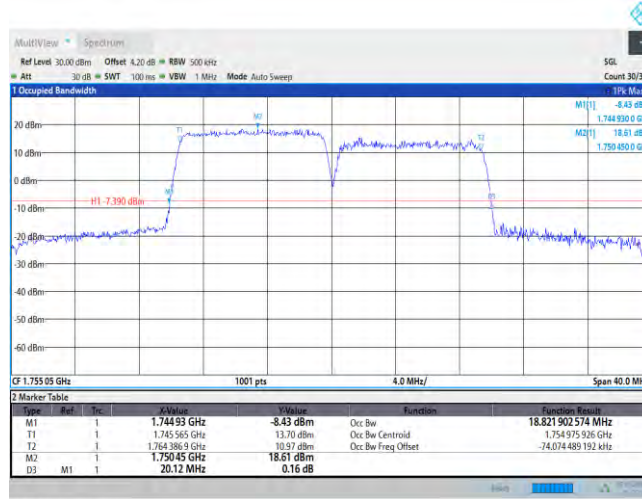
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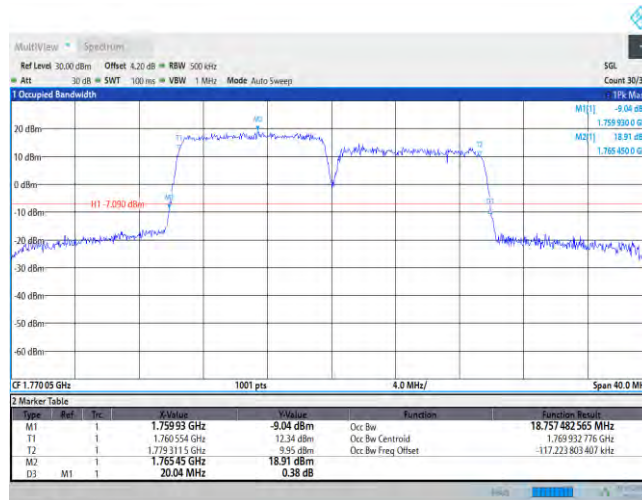
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66-66-10MHz-10MHz-16QAM-16QAM-132373-132472-50RB#0-50RB#0



15:25:34 31.01.2023

66-66-10MHz-10MHz-16QAM-16QAM-132523-132622-50RB#0-50RB#0



20:46:52 31.01.2023



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66-66-10MHz-10MHz-64QAM-64QAM-132022-132121-50RB#0-50RB#0



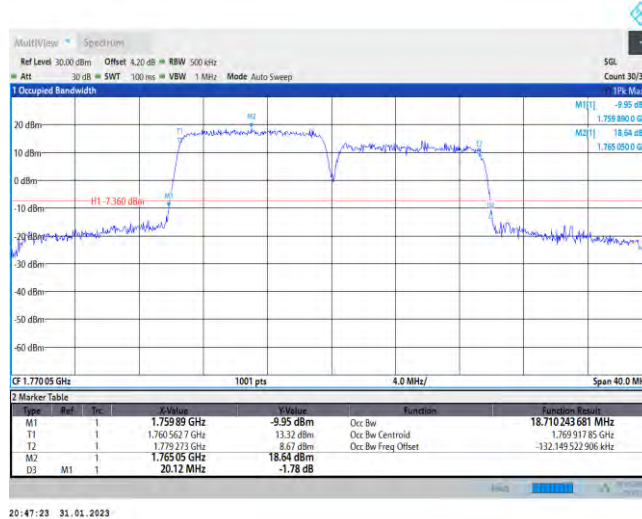
66-66-10MHz-10MHz-64QAM-64QAM-132373-132472-50RB#0-50RB#0



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66-66-10MHz-10MHz-64QAM-64QAM-132523-132622-50RB#0-50RB#0



20:47:23 31.01.2023

66-66-10MHz-10MHz-256QAM-256QAM-132022-132121-50RB#0-50RB#0



20:46:15 31.01.2023



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66-66-10MHz-10MHz-256QAM-256QAM-132373-132472-50RB#0-50RB#0



15:26:37 31.01.2023

66-66-10MHz-10MHz-256QAM-256QAM-132523-132622-50RB#0-50RB#0



20:47:55 31.01.2023



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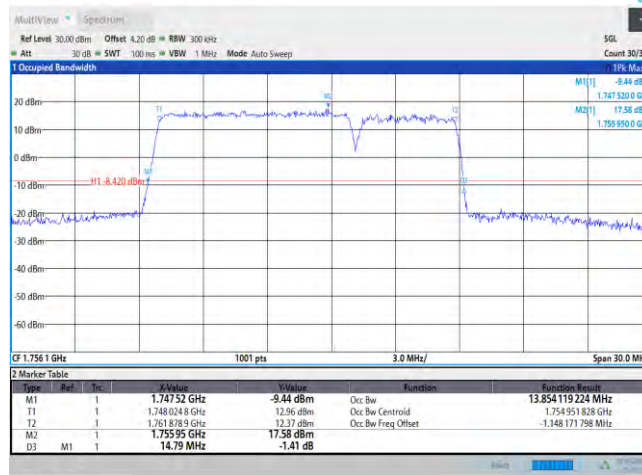
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66-66-10MHz-5MHz-QPSK-QPSK-132022-132094-50RB#0-25RB#0



15:39:20 31.01.2023

66-66-10MHz-5MHz-QPSK-QPSK-132397-132469-50RB#0-25RB#0



15:41:30 31.01.2023



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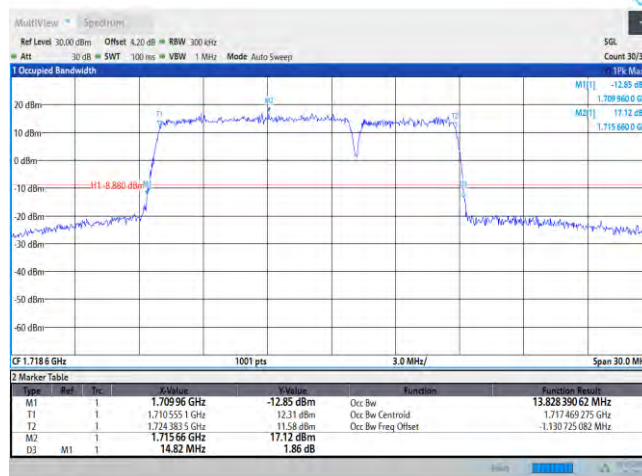
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66-66-10MHz-5MHz-QPSK-QPSK-132572-132644-50RB#0-25RB#0



15:43:41 31.01.2023

66-66-10MHz-5MHz-16QAM-16QAM-132022-132094-50RB#0-25RB#0



15:39:51 31.01.2023



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66-66-10MHz-5MHz-16QAM-16QAM-132397-132469-50RB#0-25RB#0



15:42:02 31.01.2023

66-66-10MHz-5MHz-16QAM-16QAM-132572-132644-50RB#0-25RB#0



15:44:13 31.01.2023



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66-66-10MHz-5MHz-64QAM-64QAM-132022-132094-50RB#0-25RB#0



15:40:23 31.01.2023

66-66-10MHz-5MHz-64QAM-64QAM-132397-132469-50RB#0-25RB#0



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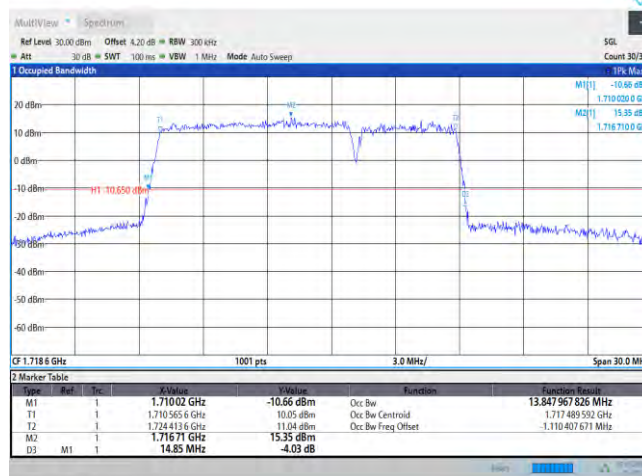
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15:44:44 31. 01. 2023

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15:40:54 31. 01. 2023



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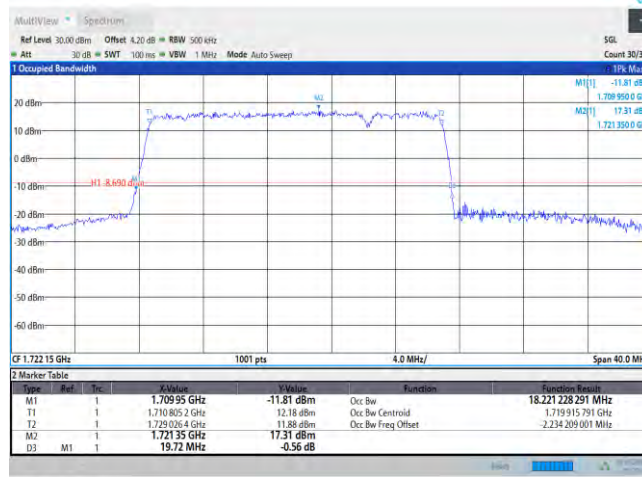
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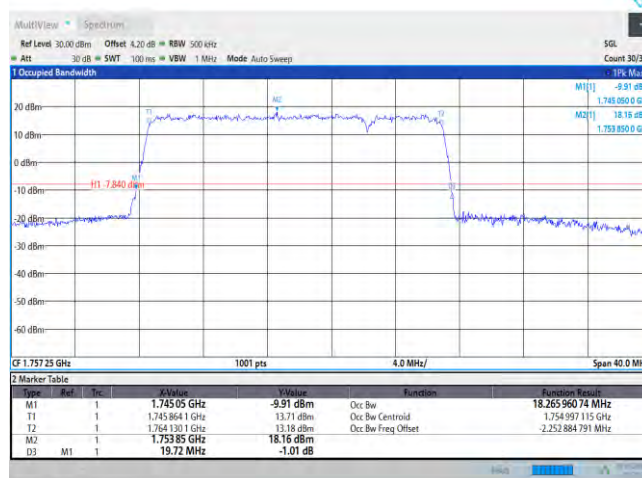
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66-66-15MHz-5MHz-QPSK-QPSK-132047-132140-75RB#0-25RB#0



20:57:49 31. 01. 2023

66-66-15MHz-5MHz-QPSK-QPSK-132398-132491-75RB#0-25RB#0



21:00:00 31. 01. 2023



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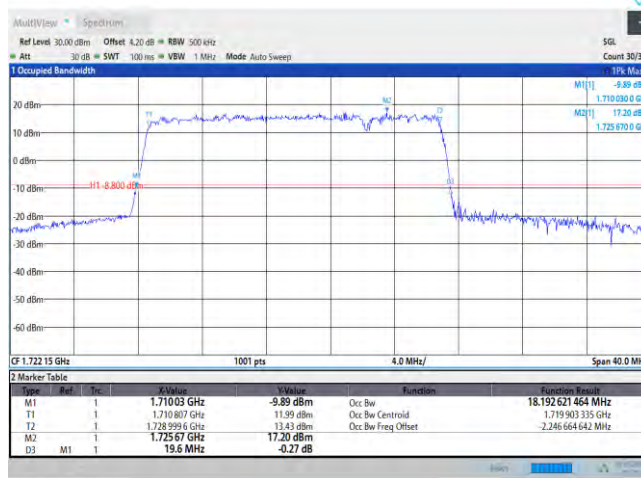
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21:02:37 31.01.2023

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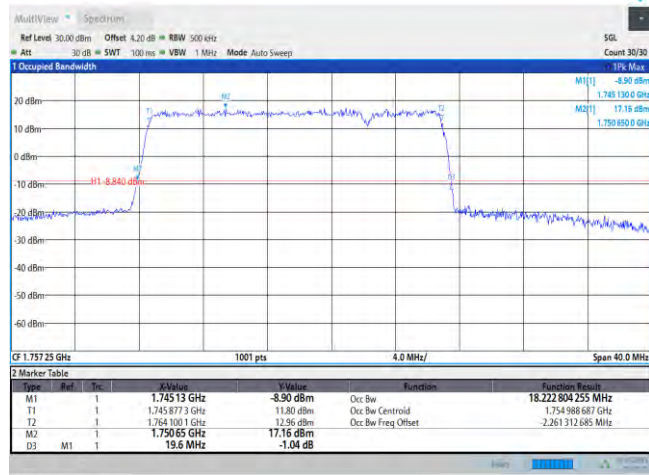
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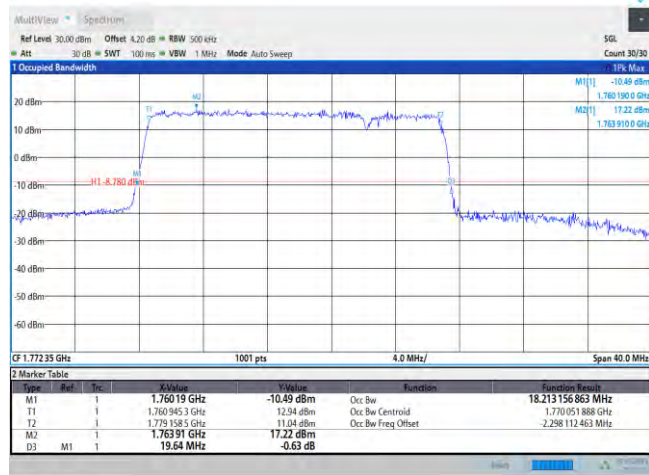
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21:00:38 31.01.2023

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21:03:15 31.01.2023

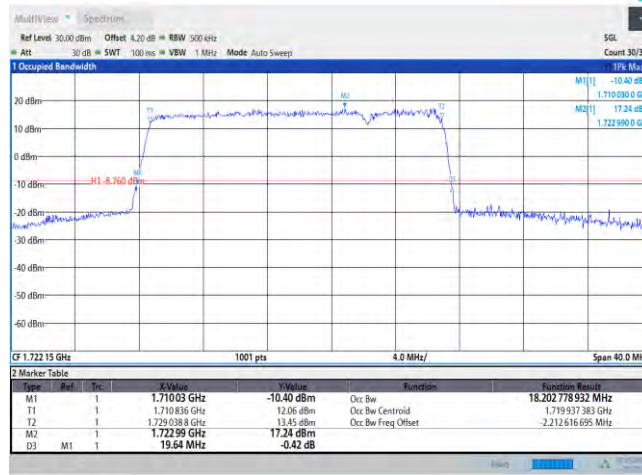


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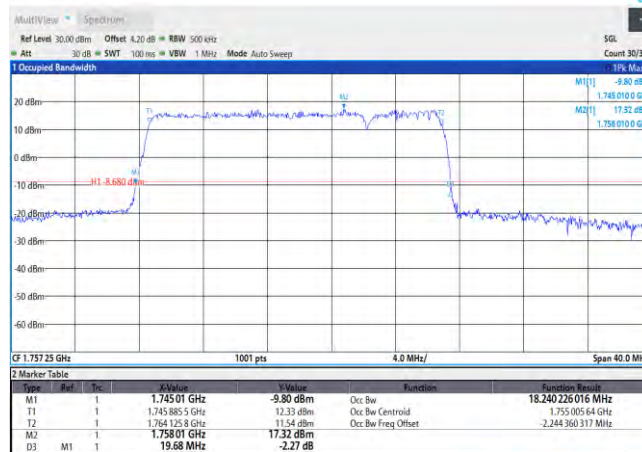
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20:58:52 31.01.2023

66-66-15MHz-5MHz-64QAM-64QAM-132398-132491-75RB#0-25RB#0



21:01:09 31.01.2023



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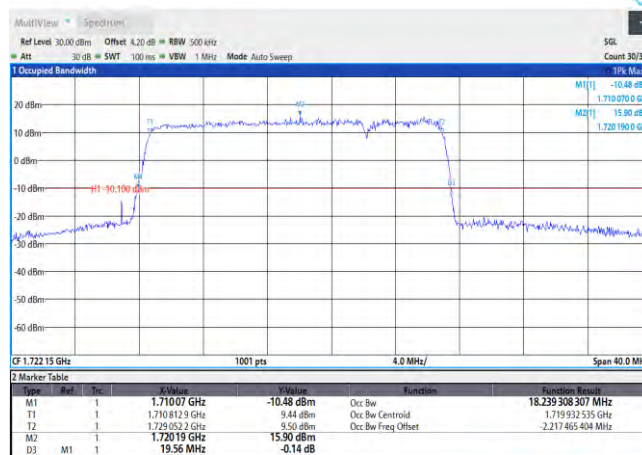
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66-66-15MHz-5MHz-64QAM-64QAM-132549-132642-75RB#0-25RB#0



21:03:46 31.01.2023

66-66-15MHz-5MHz-256QAM-256QAM-132047-132140-75RB#0-25RB#0



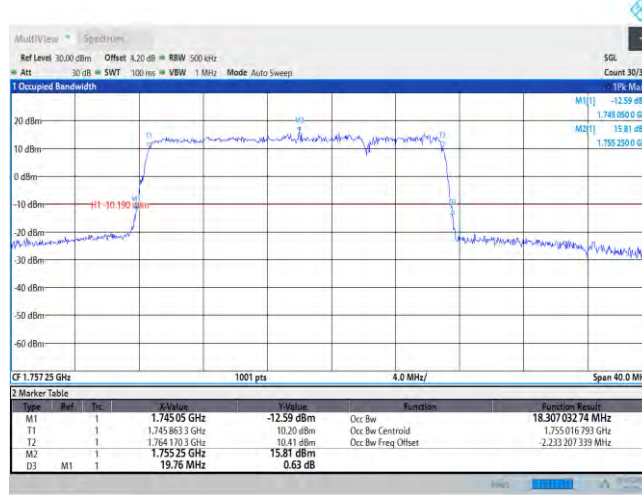
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21:01:41 31.01.2023

66-66-15MHz-5MHz-256QAM-256QAM-132549-132642-75RB#0-25RB#0



21:04:18 31.01.2023



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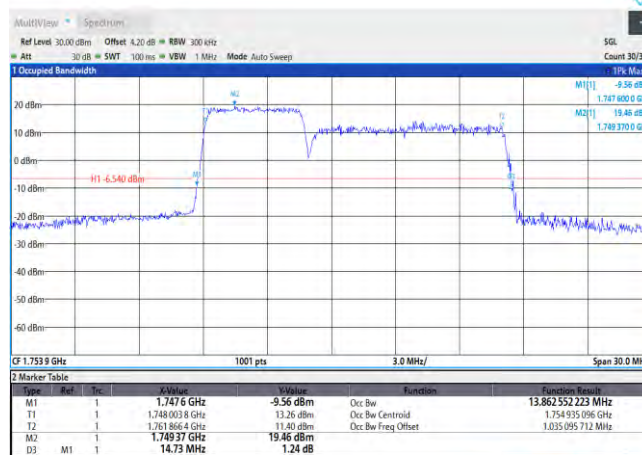
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66-66-5MHz-10MHz-QPSK-QPSK-132000-132072-25RB#0-50RB#0



20:25:40 31.01.2023

66-66-5MHz-10MHz-QPSK-QPSK-132375-132447-25RB#0-50RB#0



20:27:20 31.01.2023



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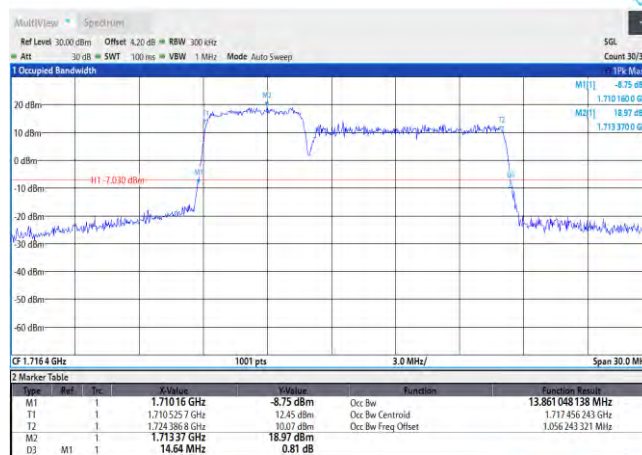
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66-66-5MHz-10MHz-QPSK-QPSK-132550-132622-25RB#0-50RB#0



20:28:59 31.01.2023

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20:26:12 31.01.2023



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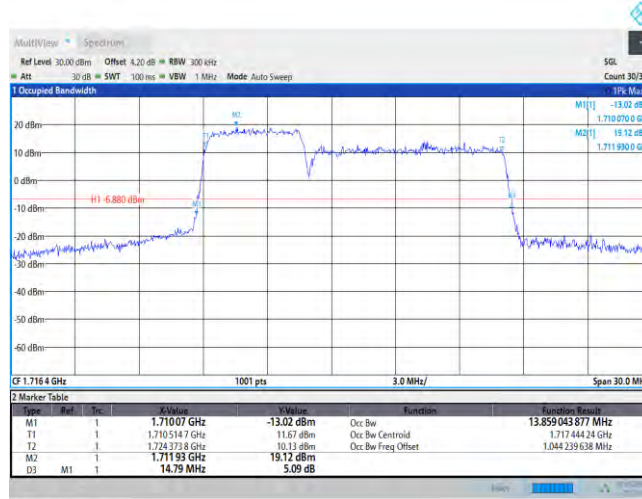


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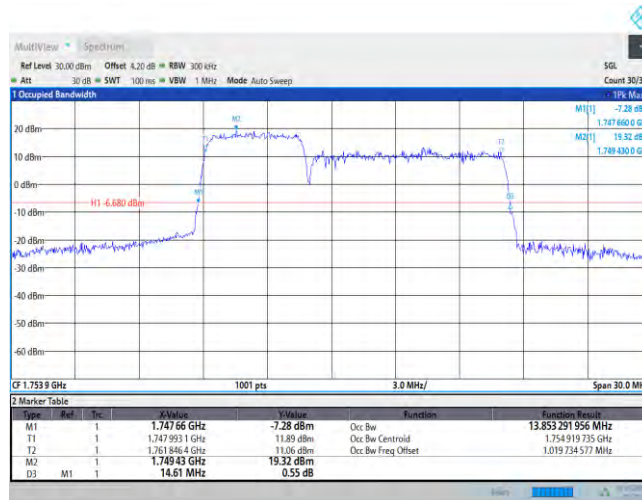
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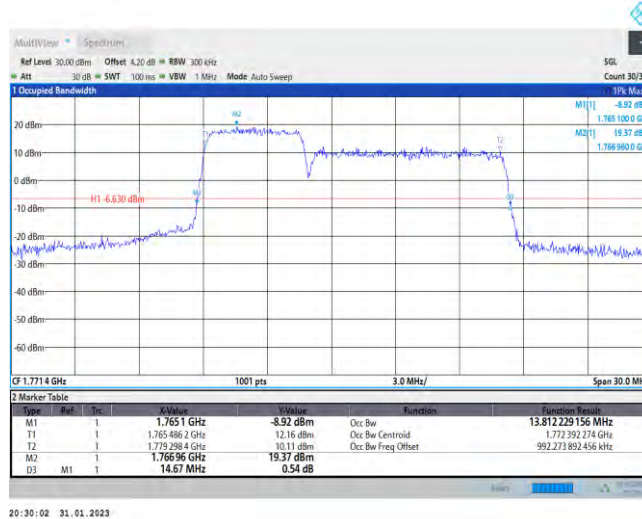
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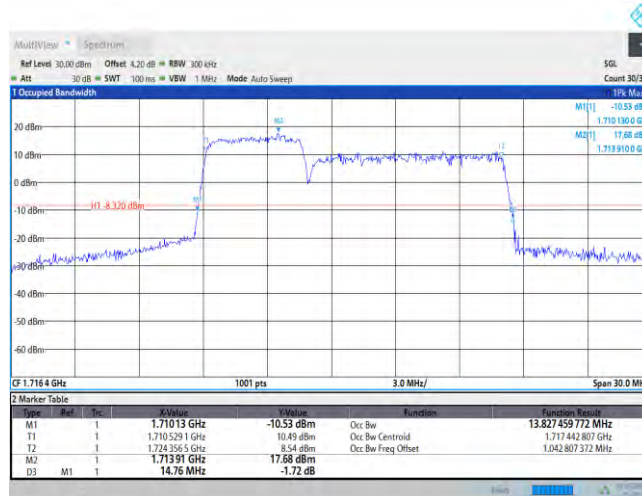
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20:30:02 31.01.2023

66-66-5MHz-10MHz-256QAM-256QAM-132000-132072-25RB#0-50RB#0



15:04:41 31.01.2023



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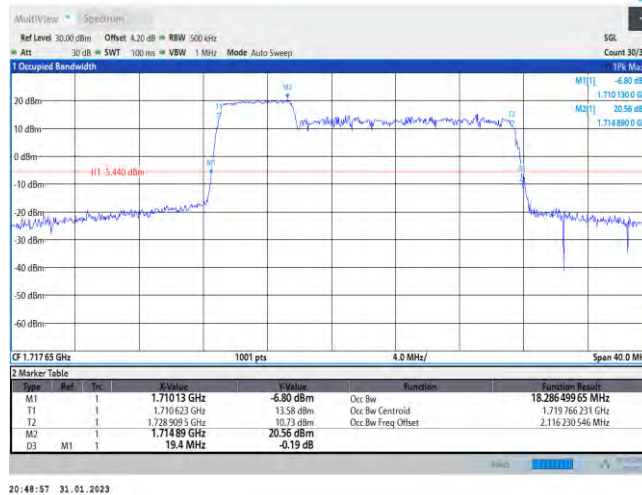
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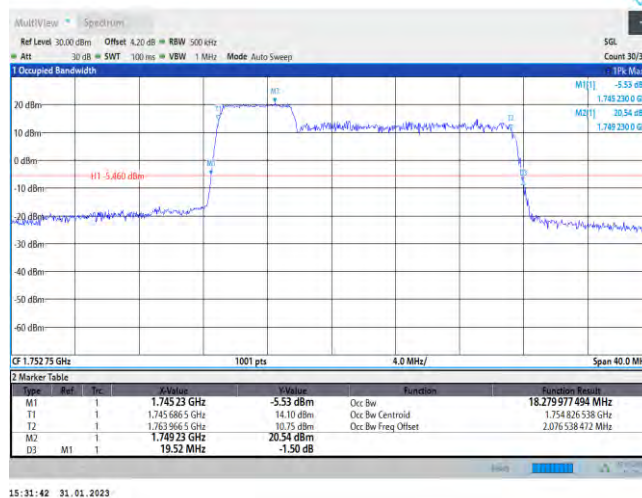
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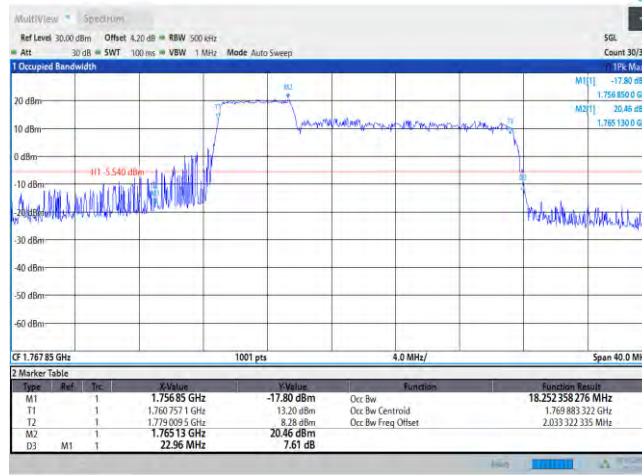
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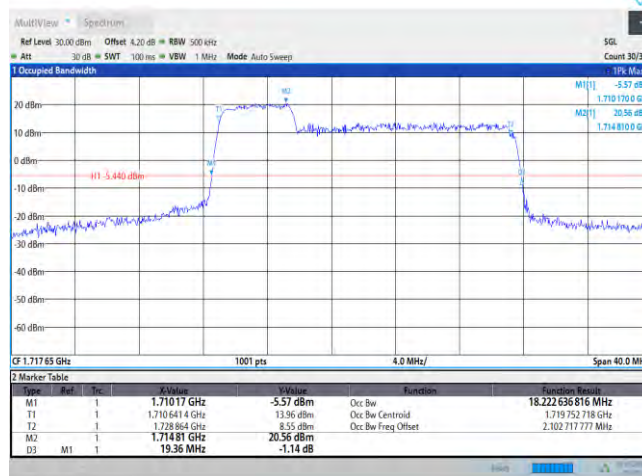
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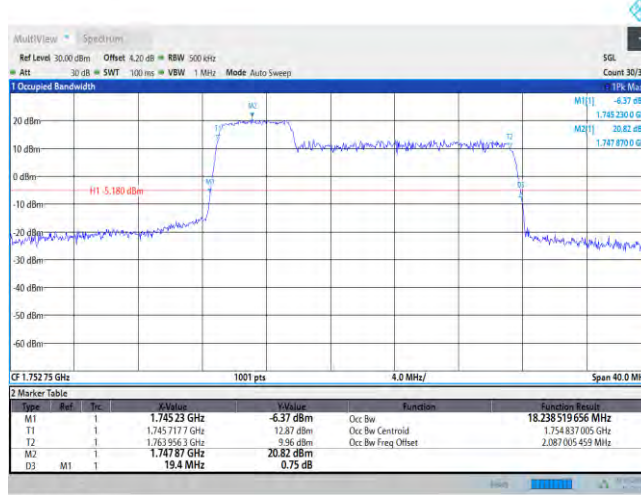
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15:32:14 31.01.2023

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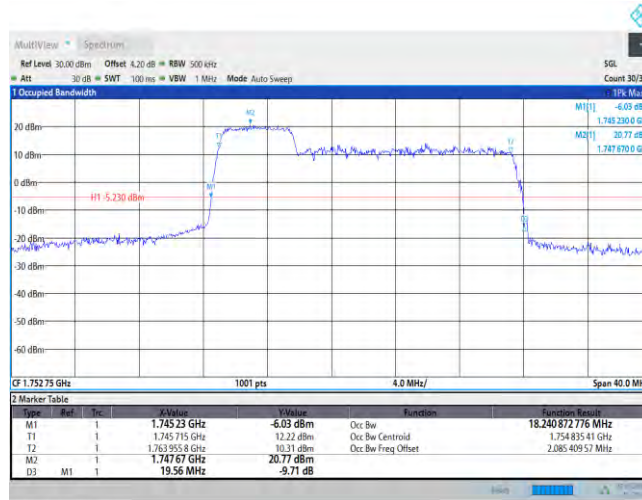
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66-66-5MHz-15MHz-64QAM-64QAM-132353-132446-25RB#0-75RB#0



15:32:46 31.01.2023



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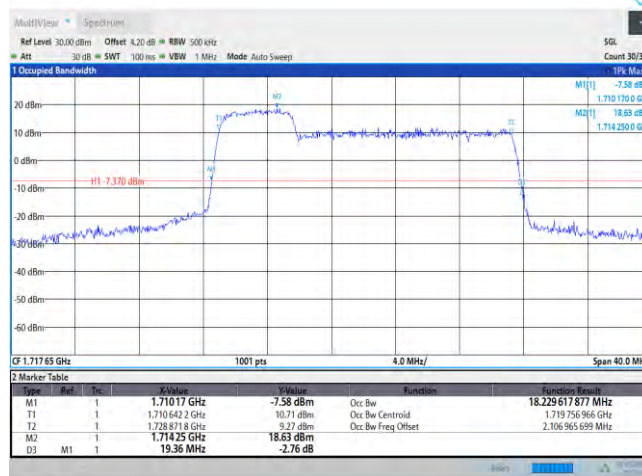
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66-66-5MHz-15MHz-64QAM-64QAM-132504-132597-25RB#0-75RB#0



15:34:53 31.01.2023

66-66-5MHz-15MHz-256QAM-256QAM-132002-132095-25RB#0-75RB#0



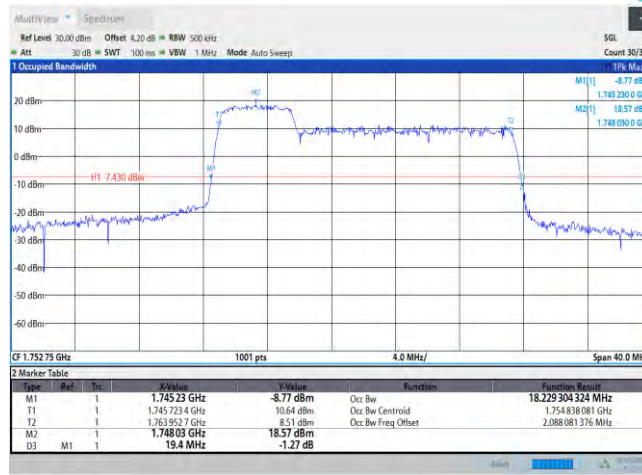
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66-66-5MHz-15MHz-256QAM-256QAM-132353-132446-25RB#0-75RB#0



15:33:17 31.01.2023

66-66-5MHz-15MHz-256QAM-256QAM-132504-132597-25RB#0-75RB#0



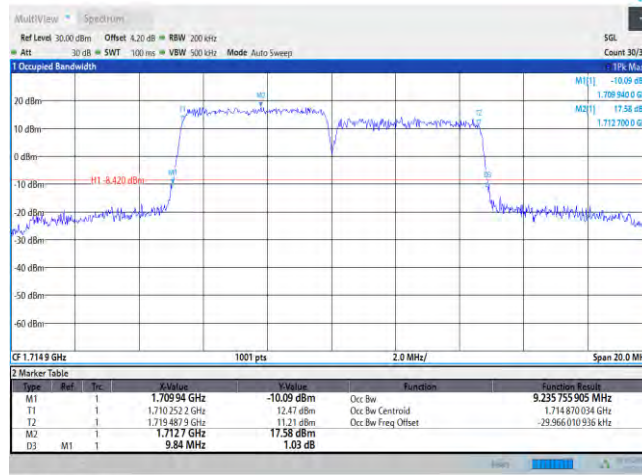
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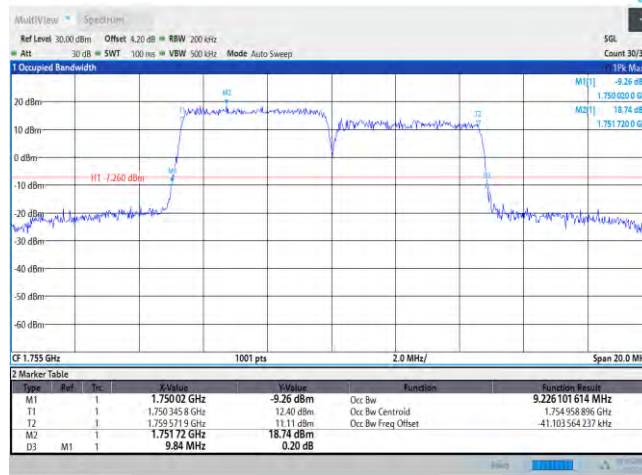
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66-66-5MHz-5MHz-QPSK-QPSK-131997-132045-25RB#0-25RB#0



14:53:23 31. 01. 2023

66-66-5MHz-5MHz-QPSK-QPSK-132398-132446-25RB#0-25RB#0



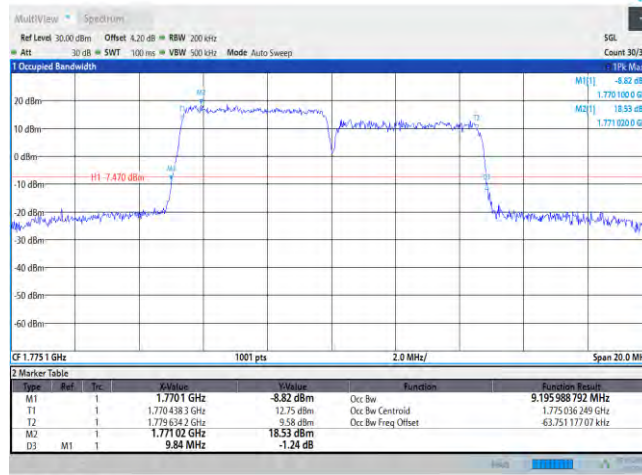
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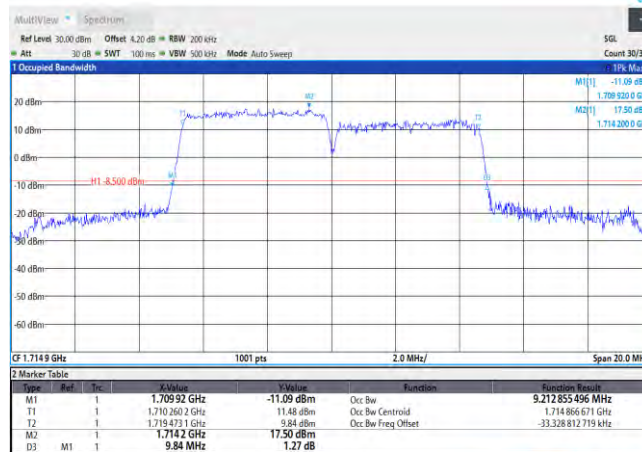
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66-66-5MHz-5MHz-QPSK-QPSK-132599-132647-25RB#0-25RB#0



14:57:45 31.01.2023

66-66-5MHz-5MHz-16QAM-16QAM-131997-132045-25RB#0-25RB#0



14:53:54 31.01.2023



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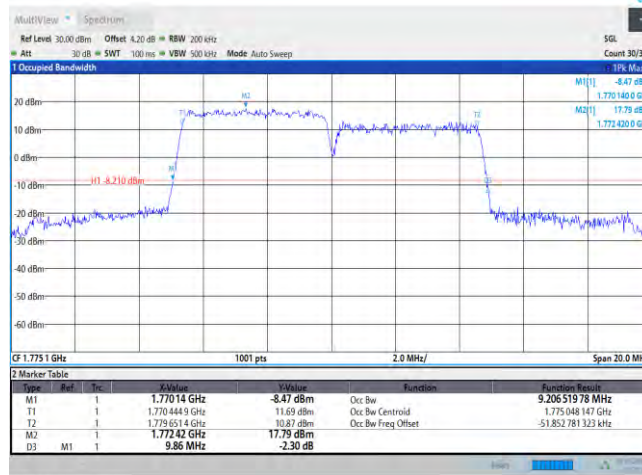
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66-66-5MHz-5MHz-16QAM-16QAM-132398-132446-25RB#0-25RB#0



14:56:05 31.01.2023

66-66-5MHz-5MHz-16QAM-16QAM-132599-132647-25RB#0-25RB#0



14:58:16 31.01.2023



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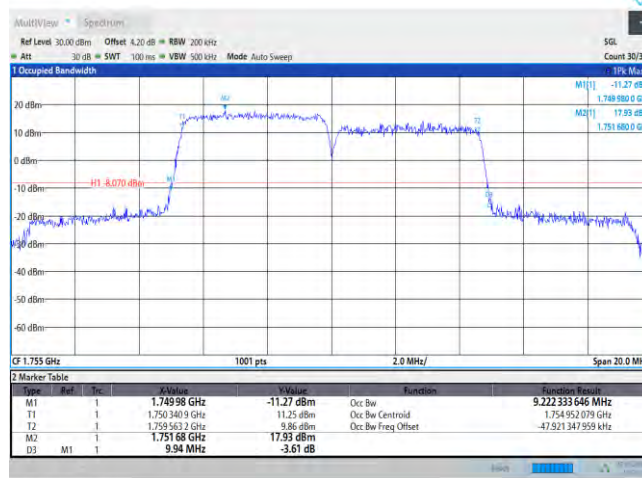
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66-66-5MHz-5MHz-64QAM-64QAM-131997-132045-25RB#0-25RB#0



14:54:26 31.01.2023

66-66-5MHz-5MHz-64QAM-64QAM-132398-132446-25RB#0-25RB#0



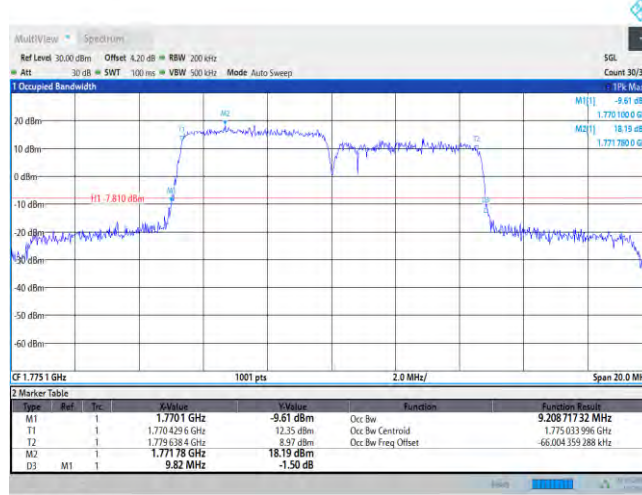
14:56:37 31.01.2023



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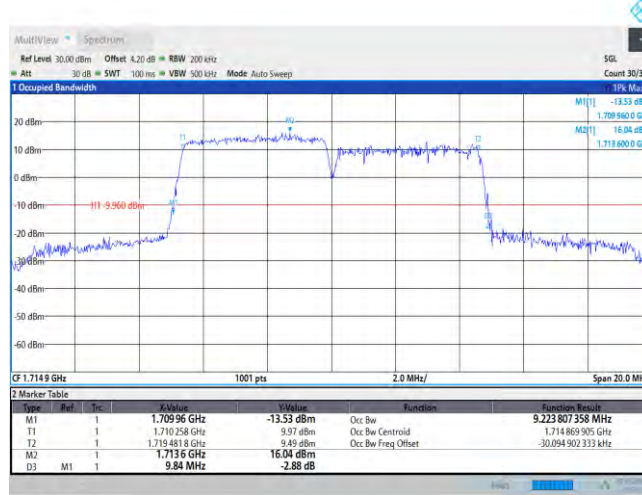
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66-66-5MHz-5MHz-64QAM-64QAM-132599-132647-25RB#0-25RB#0



14:58:48 31.01.2023

66-66-5MHz-5MHz-256QAM-256QAM-131997-132045-25RB#0-25RB#0



14:54:57 31.01.2023



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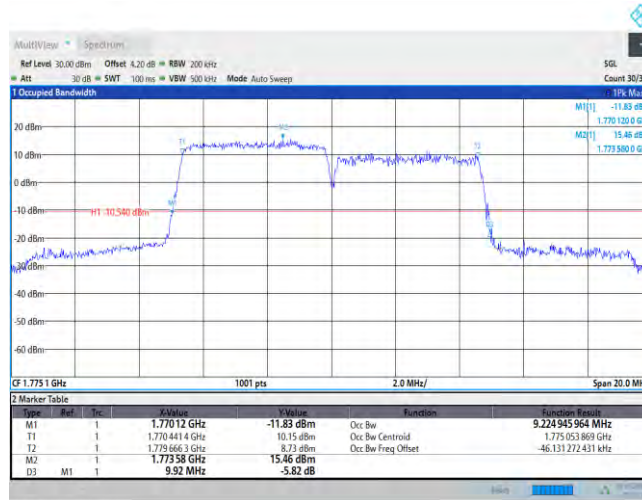
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14:57:08 31. 01. 2023

66-66-5MHz-5MHz-256QAM-256QAM-132599-132647-25RB#0-25RB#0



20:16:11 31. 01. 2023



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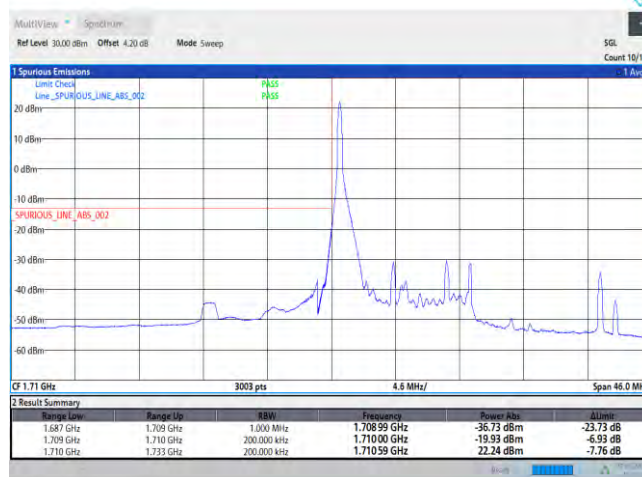
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Band Edge

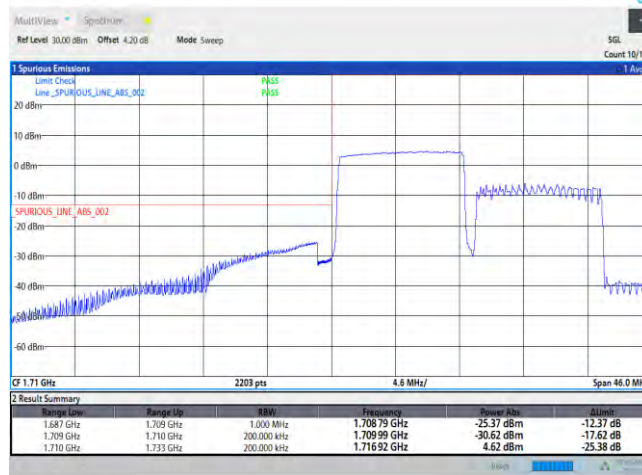
Test Graphs

66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-1RB#0-0RB#0



15:36:18 31. 01. 2023

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20:53:55 31. 01. 2023



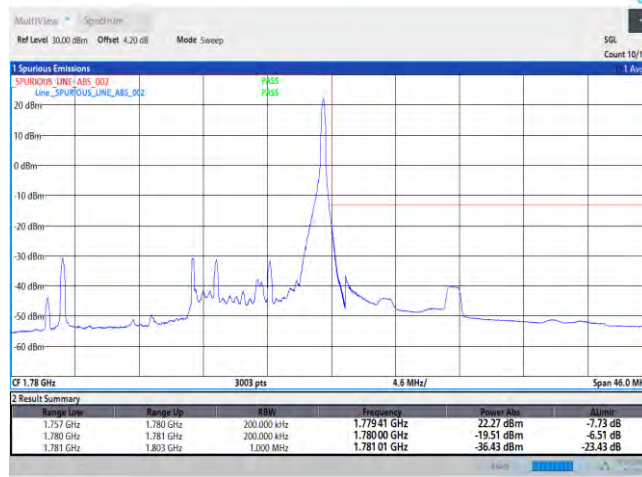
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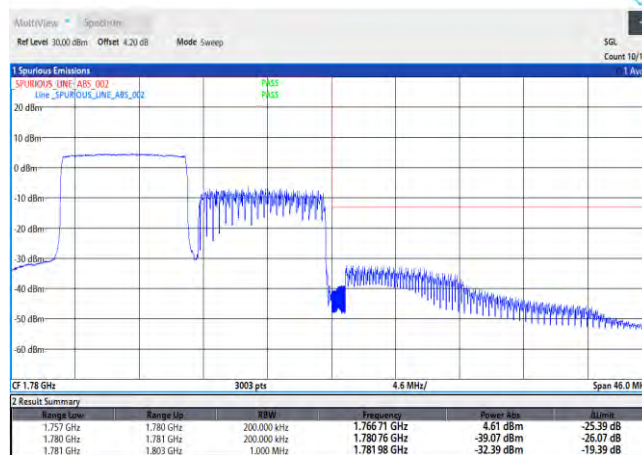
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66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-0RB#0-1RB#49



15:37:50 31.01.2023

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15:38:32 31.01.2023

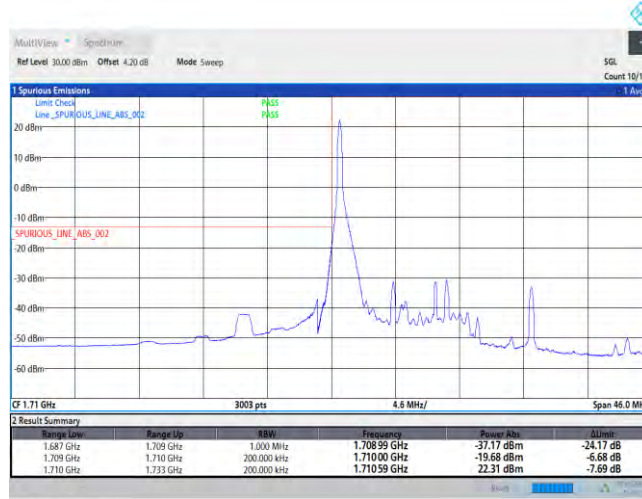


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66-66-10MHz-5MHz-QPSK-QPSK-132022-132094-1RB#0-0RB#0



15:46:13 31. 01. 2023

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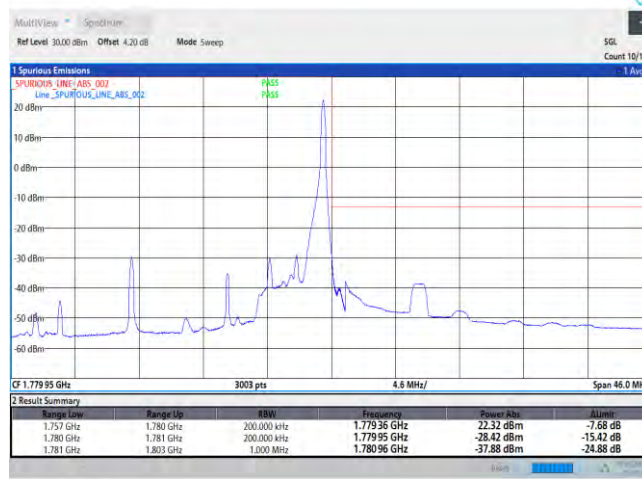
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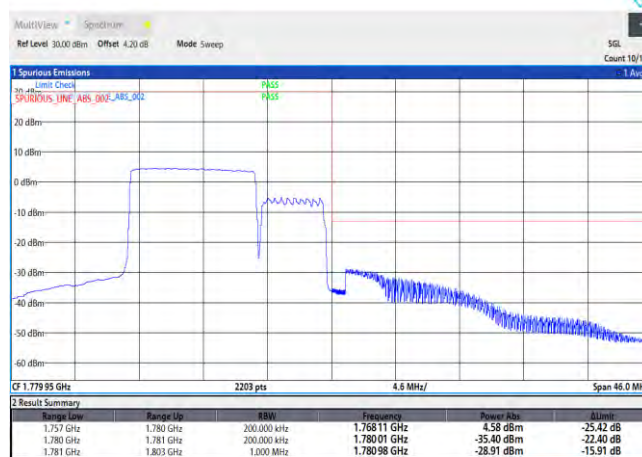
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66-66-10MHz-5MHz-QPSK-QPSK-132572-132644-0RB#0-1RB#24



15:47:51 31. 01. 2023

66-66-10MHz-5MHz-QPSK-QPSK-132572-132644-50RB#0-25RB#0



21:16:01 31. 01. 2023

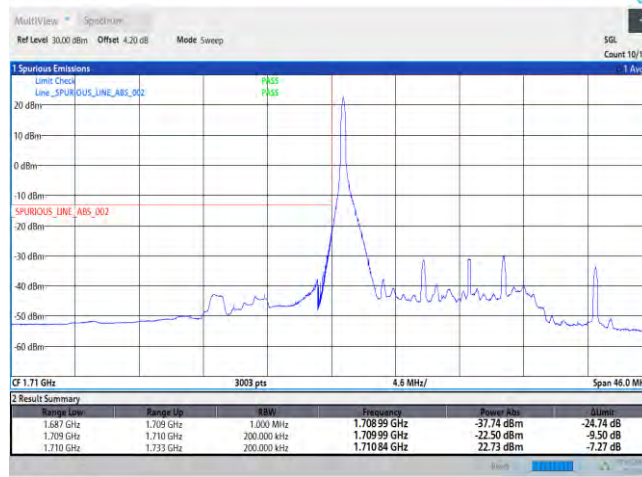


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66-66-15MHz-5MHz-QPSK-QPSK-132047-132140-1RB#0-0RB#0



15:56:08 31.01.2023

66-66-15MHz-5MHz-QPSK-QPSK-132047-132140-75RB#0-25RB#0



21:17:51 31.01.2023

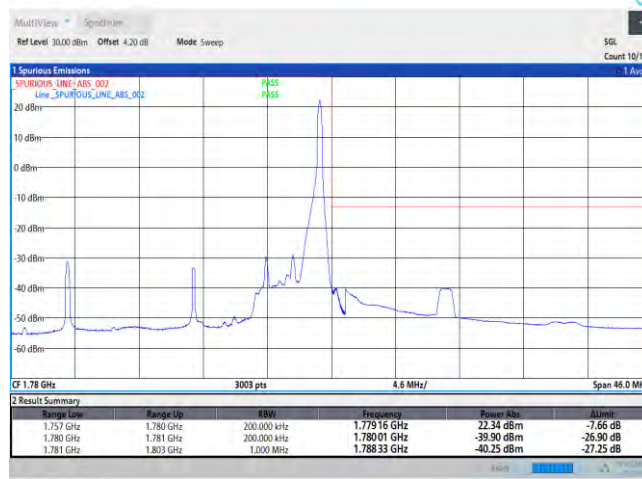


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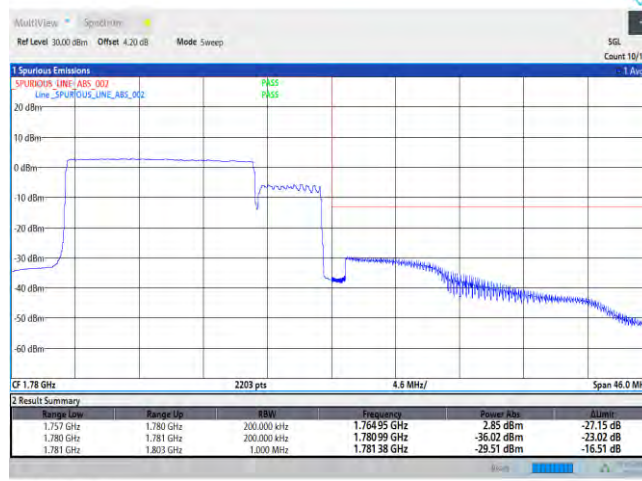
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66-66-15MHz-5MHz-QPSK-QPSK-132549-132642-0RB#0-1RB#24



15:57:46 31.01.2023

66-66-15MHz-5MHz-QPSK-QPSK-132549-132642-75RB#0-25RB#0



21:06:08 31.01.2023



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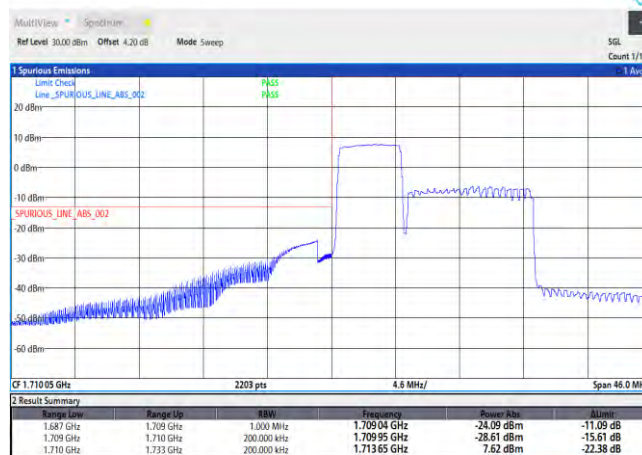
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66-66-5MHz-10MHz-QPSK-QPSK-132000-132072-1RB#0-0RB#0



16:16:22 31.01.2023

66-66-5MHz-10MHz-QPSK-QPSK-132000-132072-25RB#0-50RB#0



20:32:52 31.01.2023

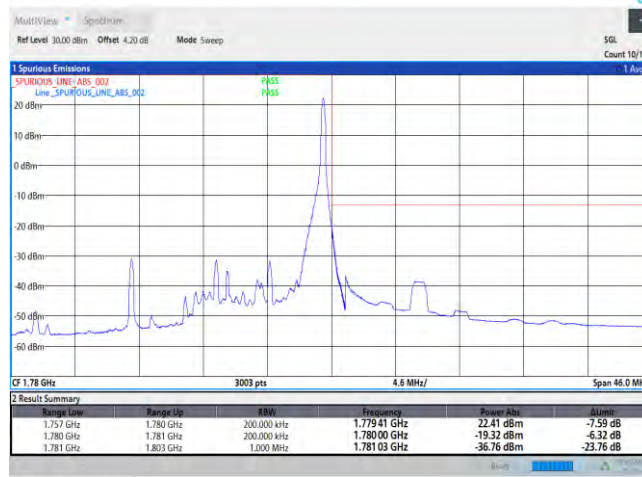


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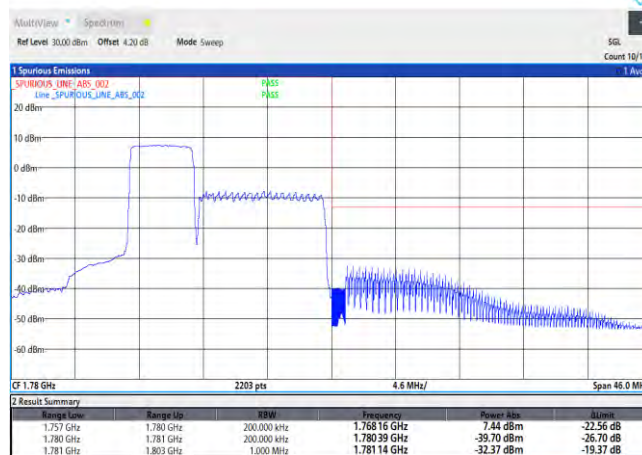
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66-66-5MHz-10MHz-QPSK-QPSK-132550-132622-0RB#0-1RB#49



15:11:42 31.01.2023

66-66-5MHz-10MHz-QPSK-QPSK-132550-132622-25RB#0-50RB#0



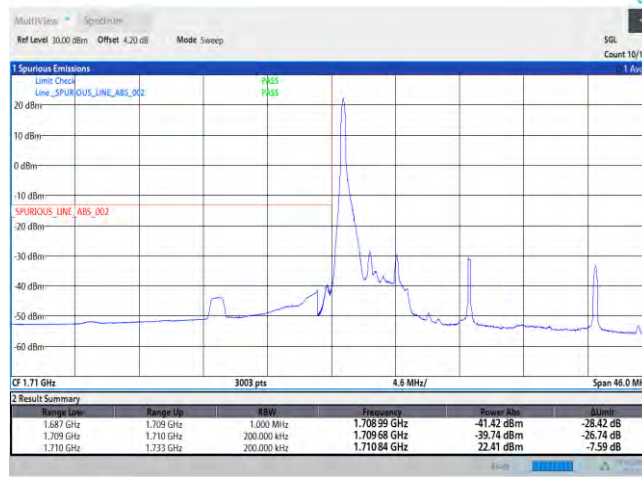
20:34:25 31.01.2023



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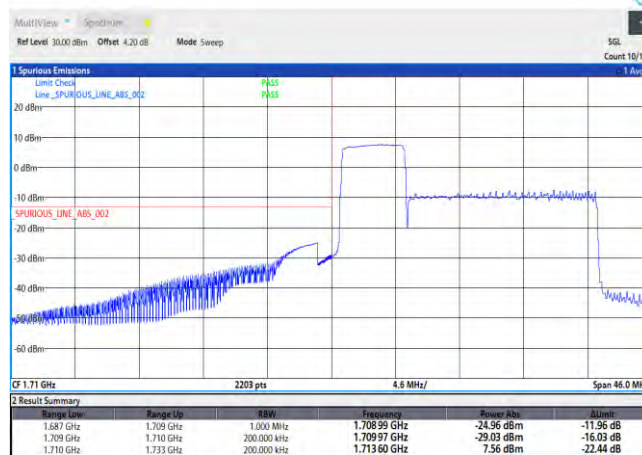
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66-66-5MHz-15MHz-QPSK-QPSK-132002-132095-1RB#0-0RB#0



15:13:16 31. 01. 2023

66-66-5MHz-15MHz-QPSK-QPSK-132002-132095-25RB#0-75RB#0



20:36:11 31. 01. 2023

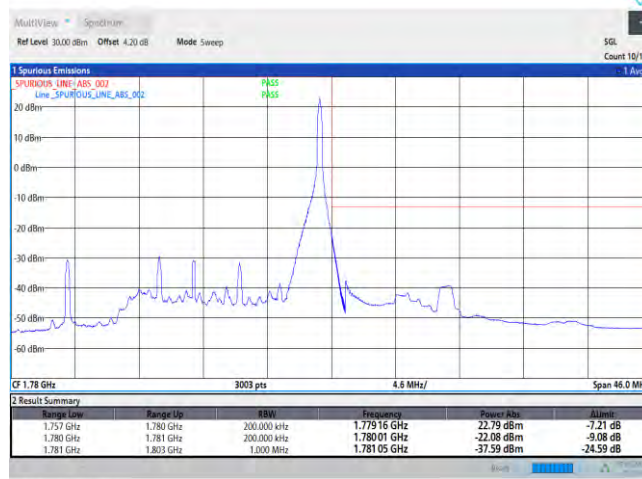


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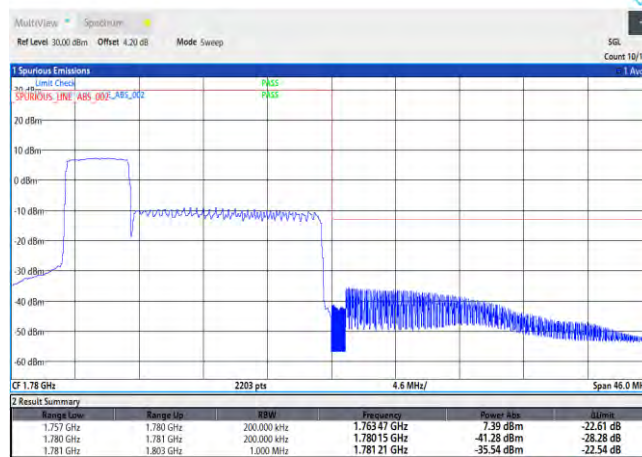
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66-66-5MHz-15MHz-QPSK-QPSK-132504-132597-0RB#0-1RB#74



15:15:01 31. 01. 2023

66-66-5MHz-15MHz-QPSK-QPSK-132504-132597-0=25RB#0-75RB#0



20:39:23 31. 01. 2023



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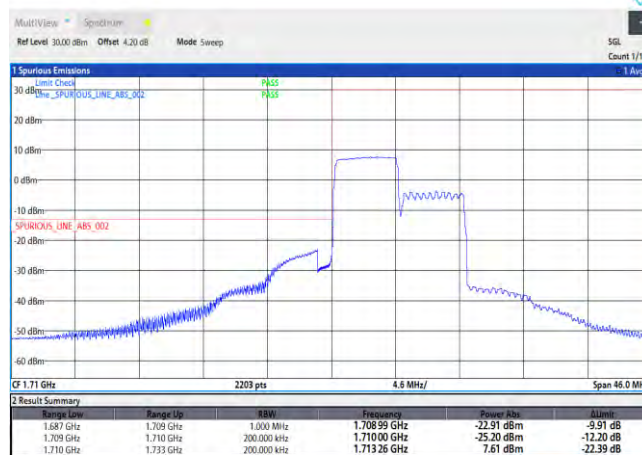
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66-66-5MHz-5MHz-QPSK-QPSK-131997-132045-1RB#0-0RB#0



20:20:06 31.01.2023

66-66-5MHz-5MHz-QPSK-QPSK-131997-132045-25RB#0-25RB#0



20:21:24 31.01.2023



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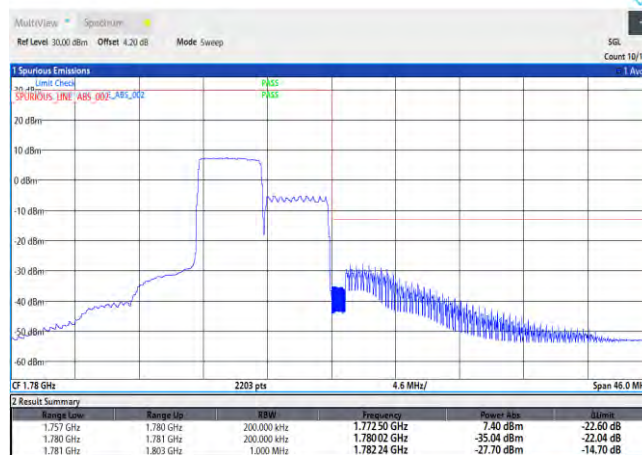
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66-66-5MHz-5MHz-QPSK-QPSK-132599-132647-0RB#0-1RB#24



16:07:04 31.01.2023

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20:23:43 31.01.2023



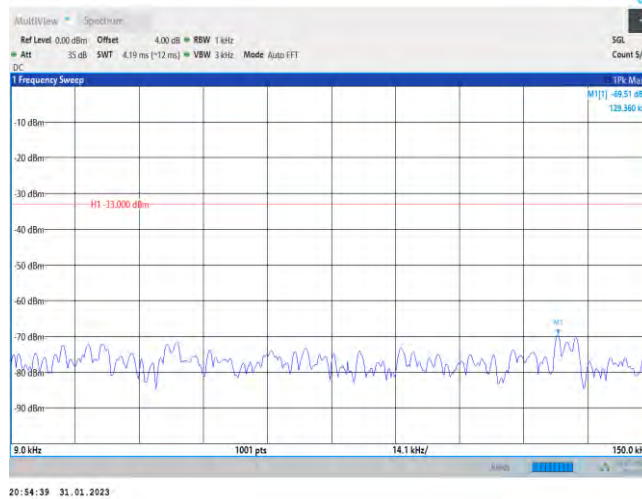
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Conducted Spurious Emission

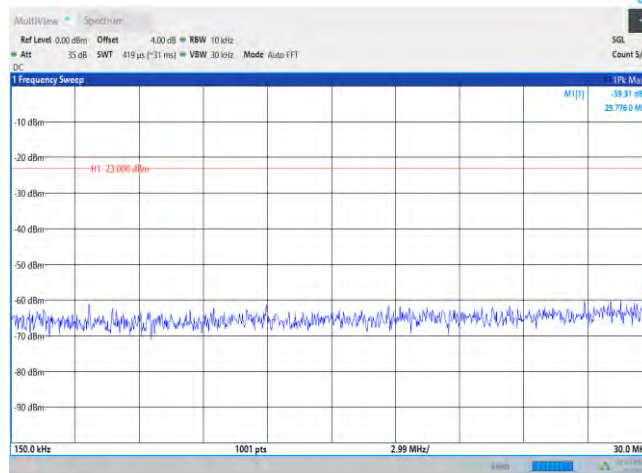
Test Graphs

66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-1RB#0-0RB#0-0.009~0.15MHz



20:54:39 31.01.2023

66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-1RB#0-0RB#0-0.15~30MHz



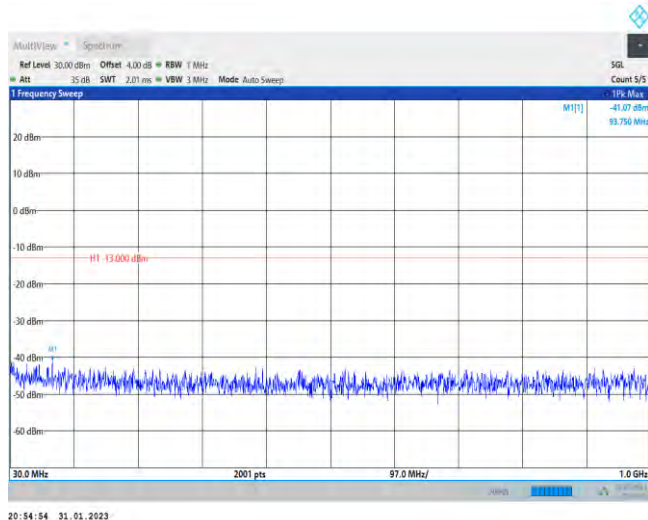
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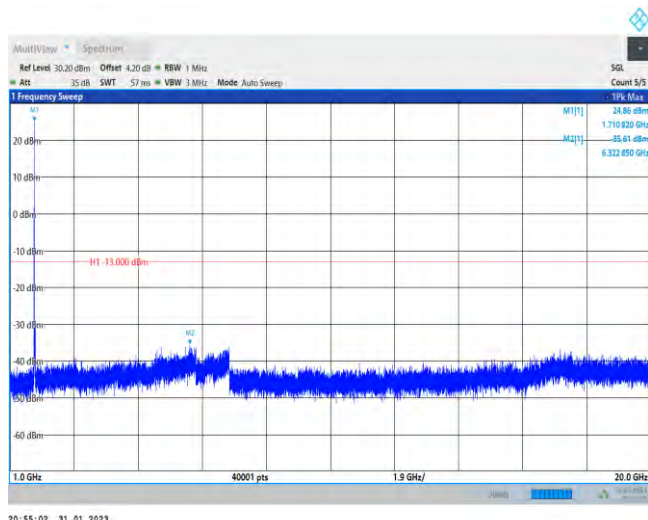
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66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-1RB#0-0RB#0-30~1000MHz



20:54:54 31.01.2023

66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-1RB#0-0RB#0-1000~20000MHz



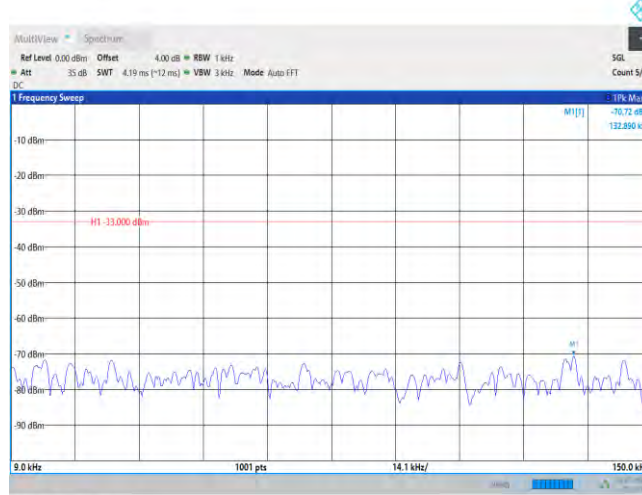
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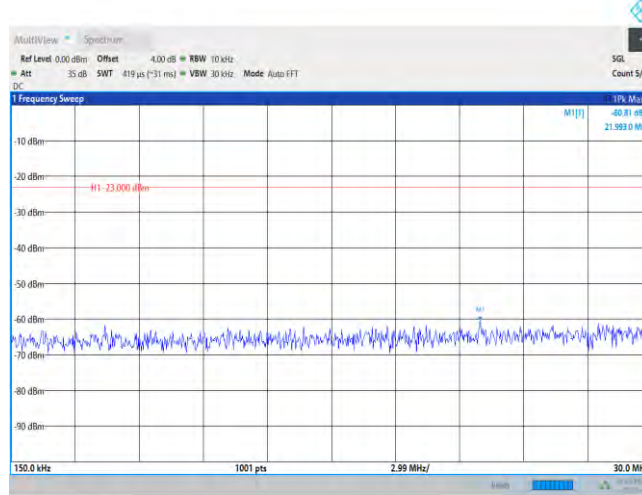
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66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-1RB#0-0RB#0-0.009~0.15MHz



20:55:42 31. 01. 2023

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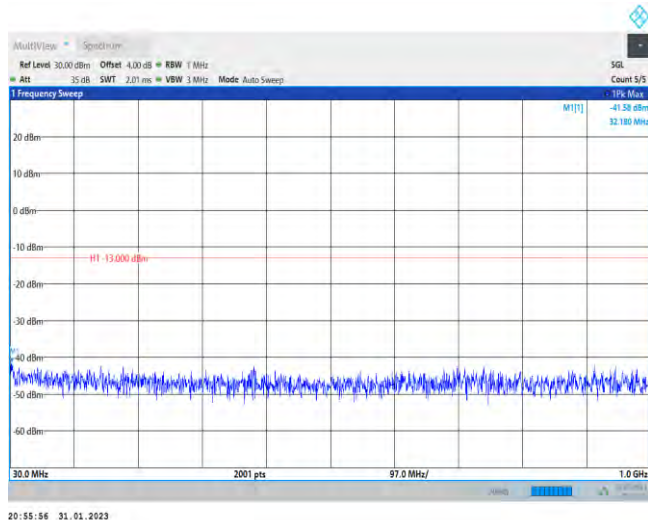
20:55:49 31. 01. 2023



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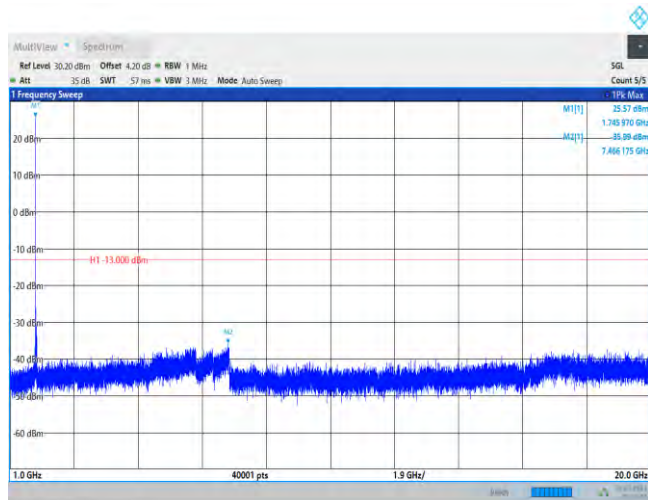
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66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-1RB#0-0RB#0-30~1000MHz



20:55:56 31.01.2023

66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-1RB#0-0RB#0-1000~20000MHz



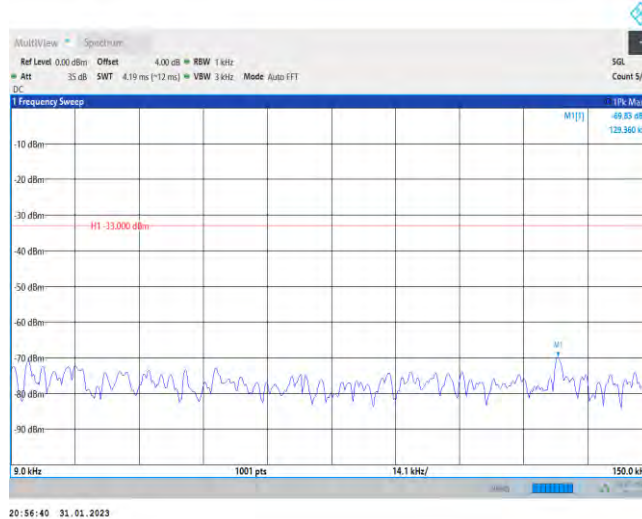
20:56:04 31.01.2023



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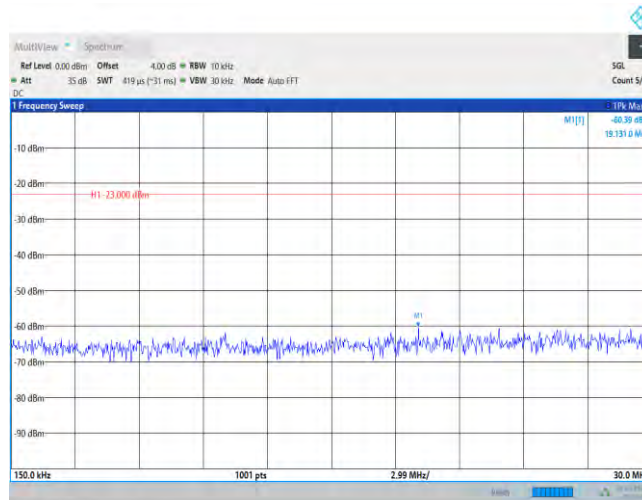
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66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-1RB#0-0RB#0-0.009~0.15MHz



20:56:40 31. 01. 2023

66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-1RB#0-0RB#0-0.15~30MHz



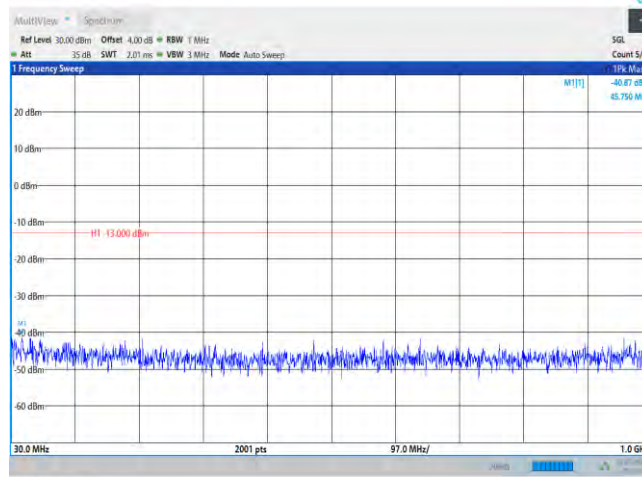
20:56:47 31. 01. 2023



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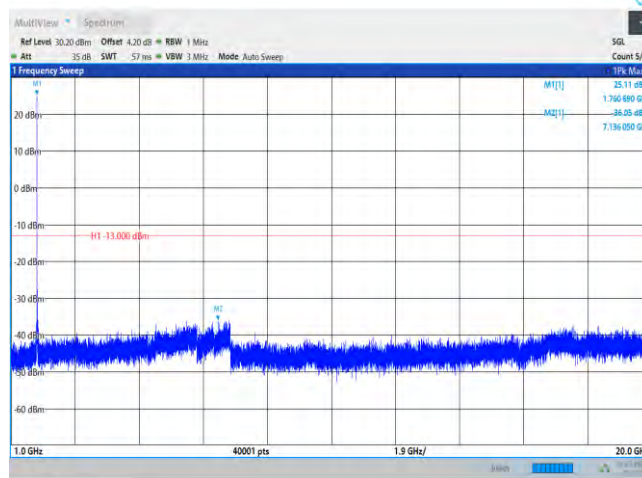
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66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-1RB#0-0RB#0-30~1000MHz



20:56:54 31.01.2023

66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-1RB#0-0RB#0-1000~20000MHz



20:57:02 31.01.2023



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Field Strength of Spurious Radiation

Test Band = LTE CA_66B_10MHz-10MHz_TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.1800	42.17	-46.28	29.45	-69.91	-13.00	56.91	184	212	Horizontal
2	5131.7700	40.74	-45.34	32.95	-66.91	-13.00	53.91	126	61	Horizontal
3	6842.3600	39.90	-44.14	35.89	-63.61	-13.00	50.61	235	166	Horizontal
4	8552.9500	38.01	-41.47	37.65	-61.07	-13.00	48.07	184	212	Horizontal
5	10263.5400	34.95	-39.24	38.83	-60.72	-13.00	47.72	175	257	Horizontal
6	11974.1300	33.16	-37.49	38.94	-60.65	-13.00	47.65	133	360	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	3424.1800	42.38	-46.28	29.45	-69.70	-13.00	56.70	142	286	Vertical
2	5131.7700	40.15	-45.34	32.95	-67.50	-13.00	54.50	184	226	Vertical
3	6842.3600	41.51	-44.14	35.89	-62.00	-13.00	49.00	111	360	Vertical
4	8552.9500	37.89	-41.47	37.65	-61.19	-13.00	48.19	133	164	Vertical
5	10263.5400	34.94	-39.24	38.83	-60.73	-13.00	47.73	256	240	Vertical
6	11974.1300	32.80	-37.49	38.94	-61.01	-13.00	48.01	291	353	Vertical



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Test Band = LTE CA_66B_10MHz-10MHz_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3491.3800	42.11	-46.26	29.51	-69.90	-13.00	56.90	184	104	Horizontal
2	5237.0700	42.20	-45.21	32.95	-65.31	-13.00	52.31	156	360	Horizontal
3	6982.7600	39.85	-43.64	36.06	-62.99	-13.00	49.99	192	316	Horizontal
4	8728.4500	37.51	-41.56	37.96	-61.35	-13.00	48.35	174	359	Horizontal
5	10474.1400	35.58	-38.85	38.93	-59.60	-13.00	46.60	156	14	Horizontal
6	12219.8300	33.96	-37.47	39.12	-59.65	-13.00	46.65	236	104	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	3491.3800	42.27	-46.26	29.51	-69.74	-13.00	56.74	241	359	Vertical
2	5237.0700	40.87	-45.21	32.95	-66.64	-13.00	53.64	136	212	Vertical
3	6982.7600	39.53	-43.64	36.06	-63.31	-13.00	50.31	259	14	Vertical
4	8728.4500	37.48	-41.56	37.96	-61.38	-13.00	48.38	191	212	Vertical
5	10474.1400	34.96	-38.85	38.93	-60.22	-13.00	47.22	184	240	Vertical
6	12219.8300	33.57	-37.47	39.12	-60.04	-13.00	47.04	172	166	Vertical



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Test Band = LTE CA_66B_10MHz-10MHz_TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3521.3800	42.53	-46.23	29.54	-69.42	-13.00	56.42	244	242	Horizontal
2	5282.0700	40.18	-45.12	32.91	-67.29	-13.00	54.29	165	4	Horizontal
3	7042.7600	40.26	-43.84	36.19	-62.64	-13.00	49.64	142	360	Horizontal
4	8803.4500	38.23	-41.25	38.08	-60.20	-13.00	47.20	123	16	Horizontal
5	10564.1400	34.88	-38.59	39.02	-59.94	-13.00	46.94	259	135	Horizontal
6	12324.8300	33.35	-37.45	39.09	-60.27	-13.00	47.27	142	360	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	3521.3800	42.22	-46.23	29.54	-69.73	-13.00	56.73	177	90	Vertical
2	5282.0700	40.66	-45.12	32.91	-66.81	-13.00	53.81	145	360	Vertical
3	7042.7600	39.72	-43.84	36.19	-63.18	-13.00	50.18	186	353	Vertical
4	8803.4500	38.20	-41.25	38.08	-60.23	-13.00	47.23	259	257	Vertical
5	10564.1400	34.10	-38.59	39.02	-60.72	-13.00	47.72	291	3	Vertical
6	12324.8300	33.13	-37.45	39.09	-60.49	-13.00	47.49	142	270	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	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	VH	NT	19.50	0.011142	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	VL	NT	20.40	0.011656	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	VN	NT	20.90	0.011942	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	50	15.70	0.008971	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	40	16.40	0.009371	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	30	17.70	0.010114	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	20	17.70	0.010114	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	10	18.40	0.010514	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	0	18.80	0.010742	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	-10	20.90	0.011942	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	-20	19.30	0.011028	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	NV	-30	19.10	0.010914	PASS

---End of Attachment---



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