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Appendix B.12

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test ResultAnt1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.86	23.14	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.88	23.16	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.88	23.16	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.91	22.19	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.64	23.92	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.68	23.96	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.64	23.92	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.70	22.98	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.22	24.50	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.36	24.64	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	24.21	24.49	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.33	23.61	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.22	22.50	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.32	22.60	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.12	22.40	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.03	21.31	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.93	23.21	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.03	23.31	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.91	23.19	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.75	22.03	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.46	23.74	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.47	23.75	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.49	23.77	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.40	22.68	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.15	21.43	30.00	PASS



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Band66	1.4MHz	64QAM	131979	1RB#2	21.00	21.28	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.10	21.38	30.00	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.89	20.17	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.96	22.24	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.91	22.19	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.86	22.14	30.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.69	20.97	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	22.52	22.80	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	22.57	22.85	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	22.40	22.68	30.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	21.28	21.56	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.99	23.27	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.93	23.21	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.02	23.30	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.98	22.26	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.77	24.05	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.72	24.00	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.66	23.94	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.78	23.06	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.28	24.56	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.40	24.68	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.32	24.60	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.39	23.67	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.35	22.63	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.32	22.60	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.32	22.60	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.02	21.30	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.98	23.26	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.91	23.19	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.89	23.17	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.81	22.09	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.58	23.86	30.00	PASS



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Band66	3MHz	16QAM	132657	1RB#8	23.51	23.79	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.58	23.86	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.42	22.70	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.16	21.44	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.19	21.47	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.22	21.50	30.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.95	20.23	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.87	22.15	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.96	22.24	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.98	22.26	30.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.83	21.11	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	22.51	22.79	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	22.52	22.80	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	22.66	22.94	30.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	21.41	21.69	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.01	23.29	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.01	23.29	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.03	23.31	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.09	22.37	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.69	23.97	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.75	24.03	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.81	24.09	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.79	23.07	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.29	24.57	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.22	24.50	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.29	24.57	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	23.32	23.60	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.39	22.67	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.39	22.67	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.31	22.59	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.11	21.39	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.90	23.18	30.00	PASS



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Band66	5MHz	16QAM	132322	1RB#12	23.00	23.28	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.15	23.43	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.83	22.11	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.65	23.93	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.50	23.78	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.60	23.88	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.31	22.59	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.27	21.55	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.32	21.60	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.30	21.58	30.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.12	20.40	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.99	22.27	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	22.00	22.28	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	22.04	22.32	30.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.80	21.08	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	22.67	22.95	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	22.54	22.82	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	22.69	22.97	30.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	21.32	21.60	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.71	22.99	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.74	23.02	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.97	23.25	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.87	22.15	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.53	23.81	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.57	23.85	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.59	23.87	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.64	22.92	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	24.15	24.43	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.23	24.51	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.24	24.52	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.29	23.57	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.19	22.47	30.00	PASS



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Band66	10MHz	16QAM	132022	1RB#24	22.15	22.43	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.43	22.71	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.89	21.17	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.82	23.10	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.89	23.17	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.00	23.28	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.64	21.92	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	23.37	23.65	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.48	23.76	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.48	23.76	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.35	22.63	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.90	22.18	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	22.08	22.36	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	22.15	22.43	30.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.87	21.15	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	22.81	23.09	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	22.78	23.06	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	22.84	23.12	30.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	21.62	21.90	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	23.31	23.59	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	23.45	23.73	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	23.52	23.80	30.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	22.29	22.57	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.78	23.06	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.92	23.20	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.15	23.43	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.00	22.28	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.54	23.82	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.55	23.83	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.79	24.07	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.70	22.98	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	24.17	24.45	30.00	PASS



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Band66	15MHz	QPSK	132597	1RB#38	24.17	24.45	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.38	24.66	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.27	23.55	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.13	22.41	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.25	22.53	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.48	22.76	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.02	21.30	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.79	23.07	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.91	23.19	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.03	23.31	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.68	21.96	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.48	23.76	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.51	23.79	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.64	23.92	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.30	22.58	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.02	21.30	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.04	21.32	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.38	21.66	30.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.01	20.29	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.83	22.11	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.86	22.14	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	22.01	22.29	30.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.66	20.94	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	22.29	22.57	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	22.53	22.81	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	22.79	23.07	30.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	21.27	21.55	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.85	23.13	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.99	23.27	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.21	23.49	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.14	22.42	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.45	23.73	30.00	PASS



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Band66	20MHz	QPSK	132322	1RB#49	23.59	23.87	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.91	24.19	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.72	23.00	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.97	24.25	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.11	24.39	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.39	24.67	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.24	23.52	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.10	22.38	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.41	22.69	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.63	22.91	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.13	21.41	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.82	23.10	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.81	23.09	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.12	23.40	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.70	21.98	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.34	23.62	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.31	23.59	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.62	23.90	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.17	22.45	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.29	21.57	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.23	21.51	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.46	21.74	30.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.11	20.39	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.74	22.02	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.84	22.12	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	22.24	22.52	30.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.70	20.98	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	22.09	22.37	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	22.38	22.66	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	22.63	22.91	30.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	21.18	21.46	30.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	5.34	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.04	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.06	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.16	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.92	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.94	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.74	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.48	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.54	13	PASS



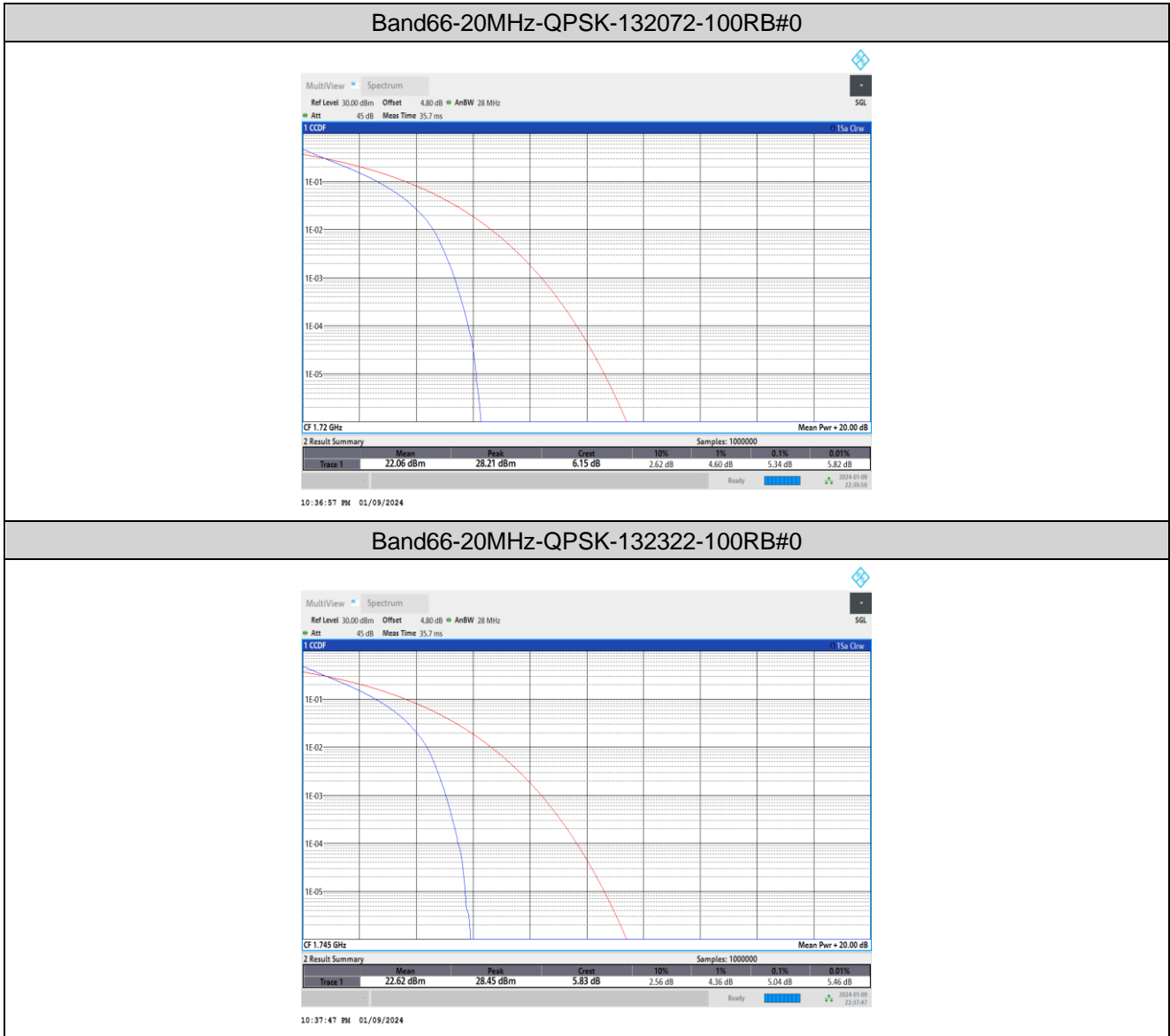
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Test Graphs

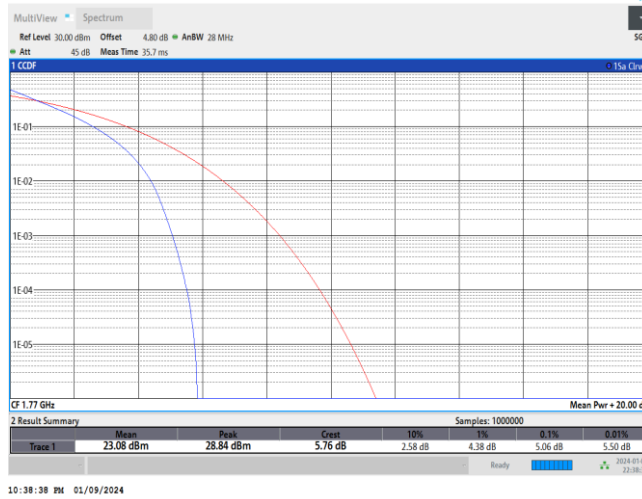


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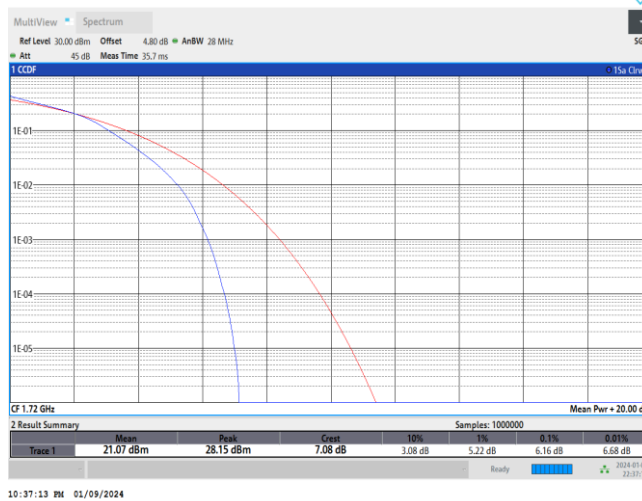
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Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-100RB#0

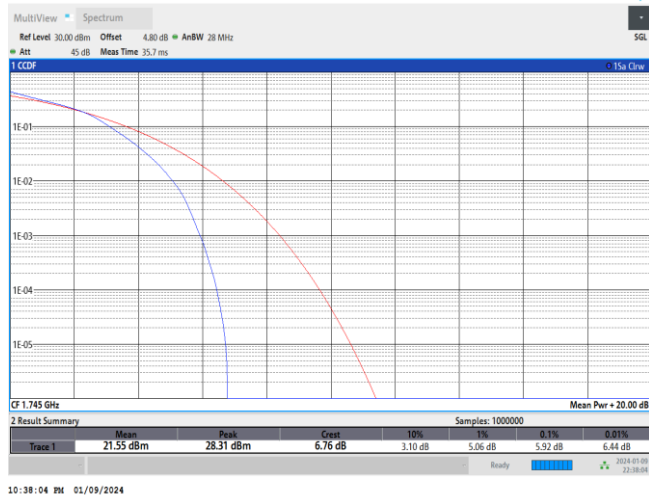


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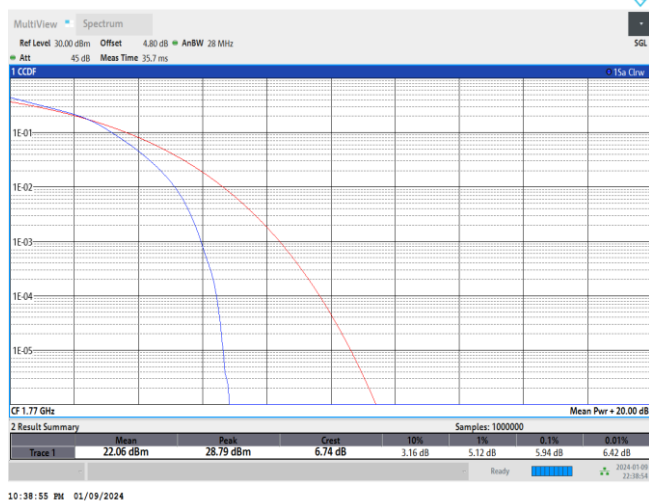
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Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-100RB#0

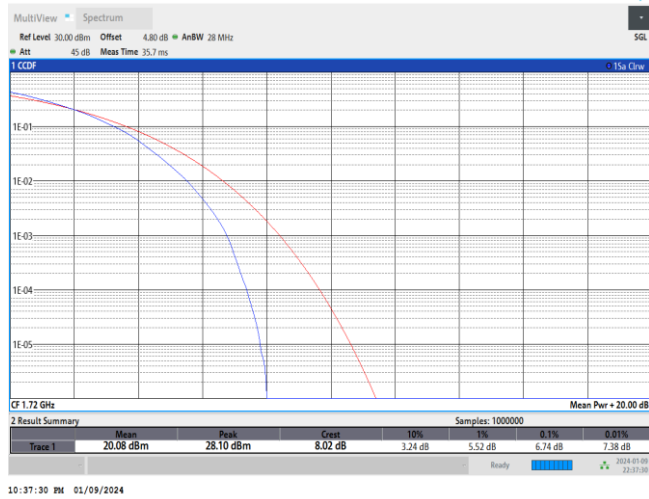


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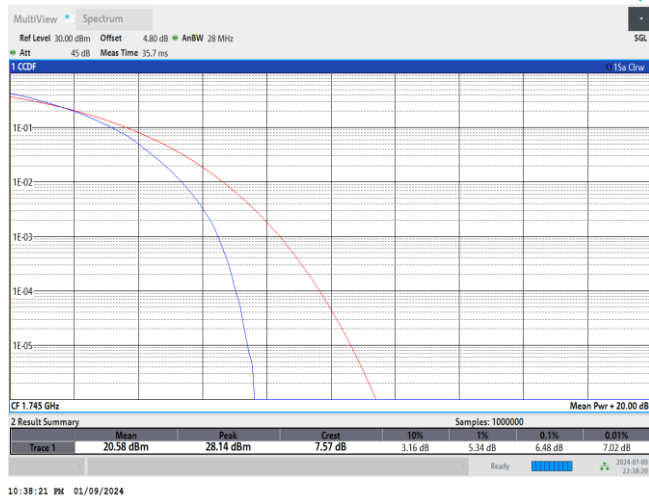
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Band66-20MHz-64QAM-132072-100RB#0



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Band66-20MHz-64QAM-132322-100RB#0



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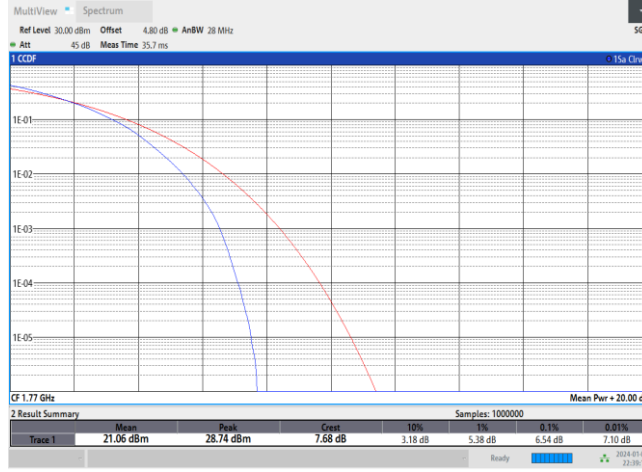


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Band66-20MHz-64QAM-132572-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.24	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.092	1.24	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.092	1.24	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.695	2.99	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.689	3.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.688	2.96	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.471	4.88	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.464	4.89	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.474	4.89	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.943	9.66	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.913	9.66	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.929	9.66	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.458	14.76	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.431	14.82	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.424	14.79	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.923	19.52	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.885	19.36	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.873	19.52	PASS



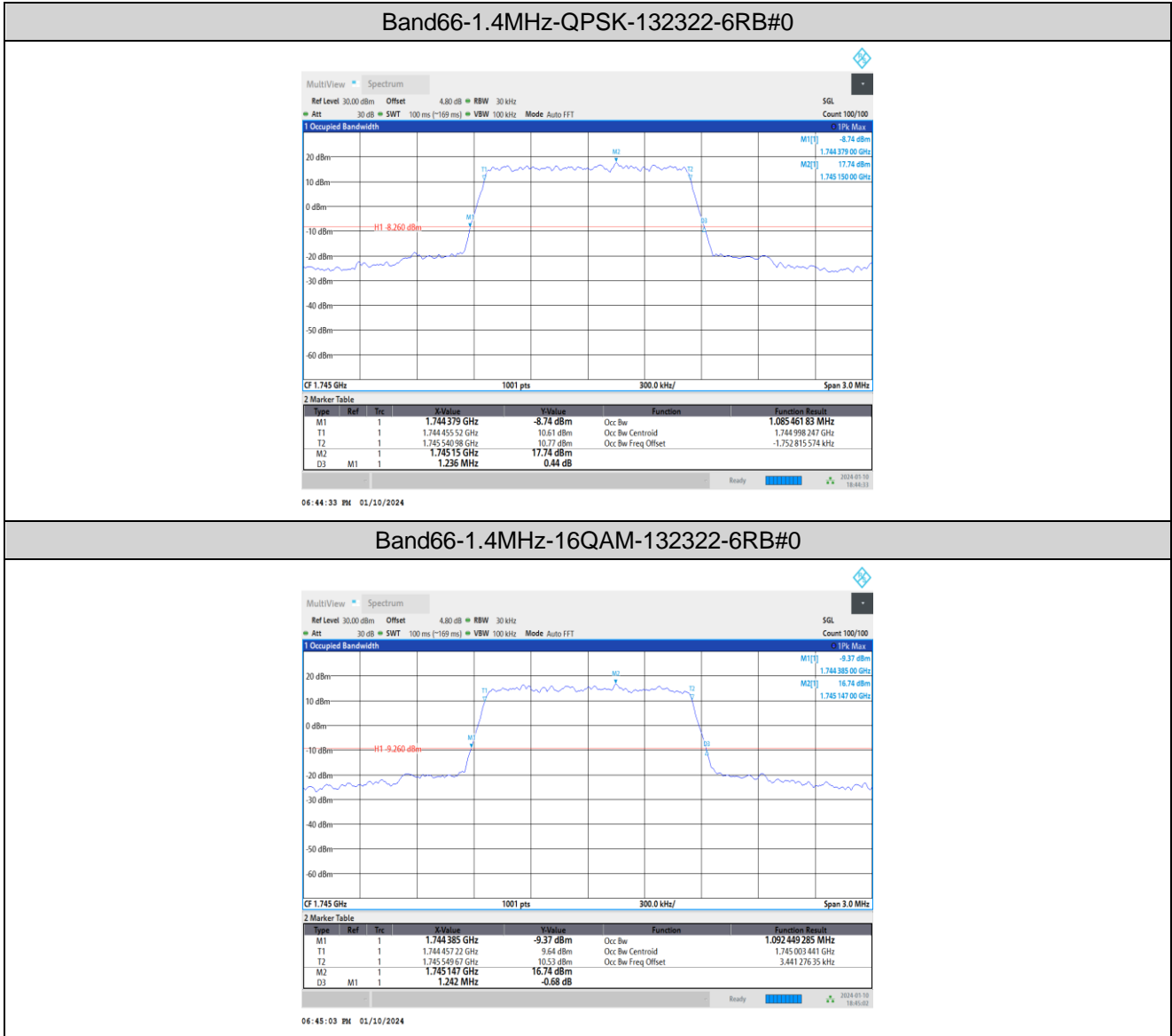
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Test Graphs

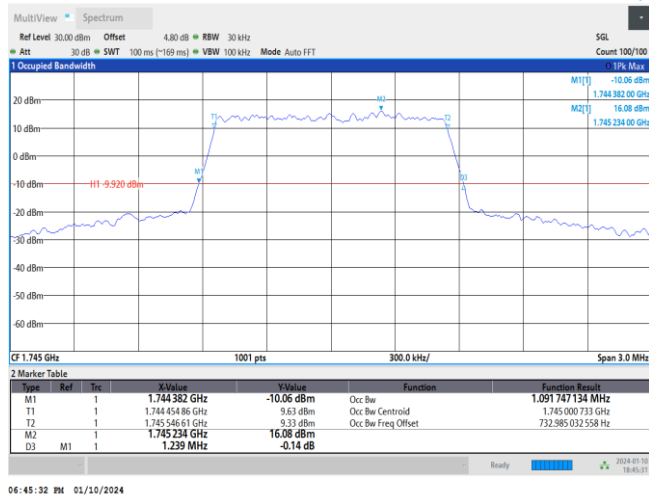


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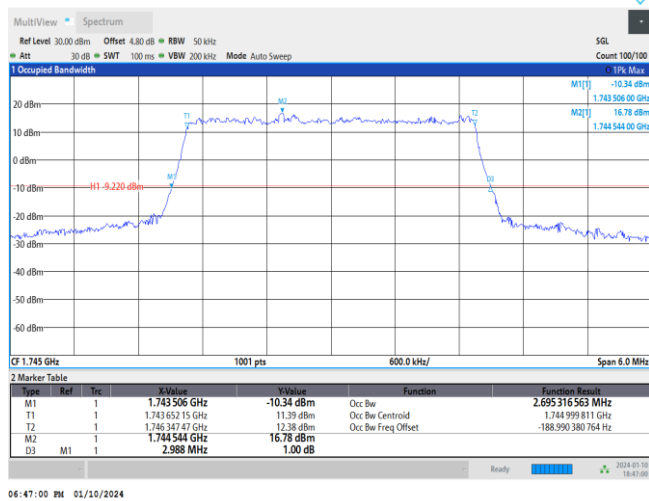
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Band66-1.4MHz-64QAM-132322-6RB#0



Band66-3MHz-QPSK-132322-15RB#0

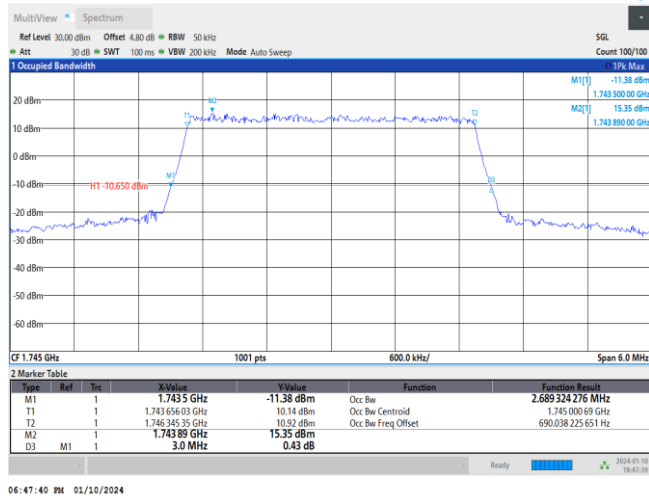


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Band66-3MHz-16QAM-132322-15RB#0



Band66-3MHz-64QAM-132322-15RB#0

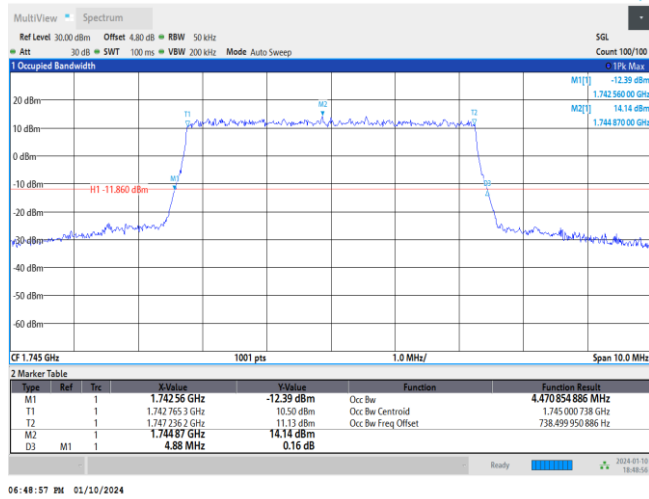


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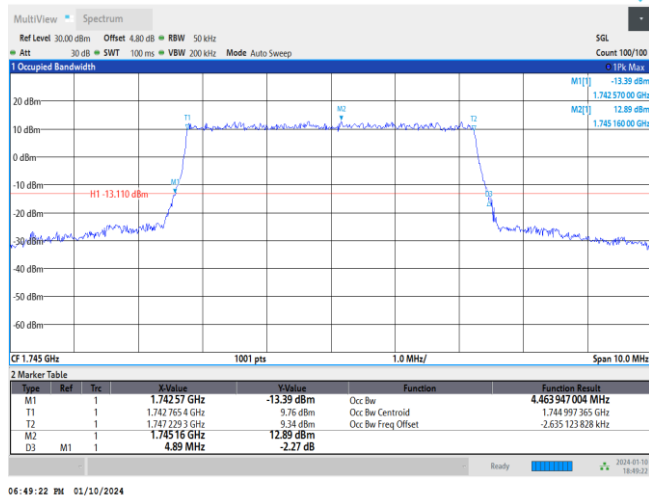
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Band66-5MHz-QPSK-132322-25RB#0



Band66-5MHz-16QAM-132322-25RB#0

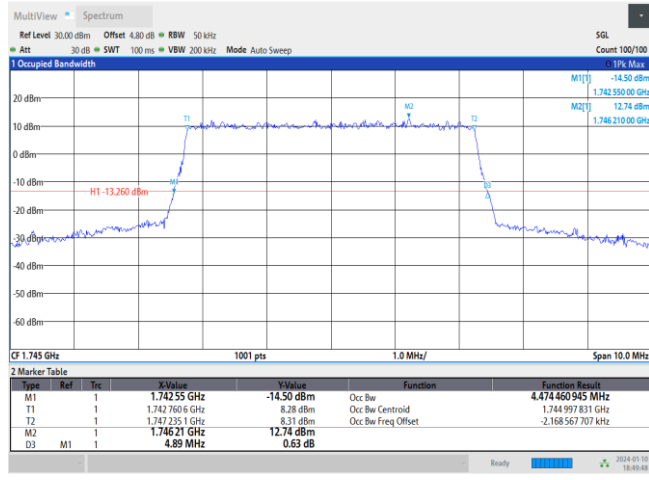


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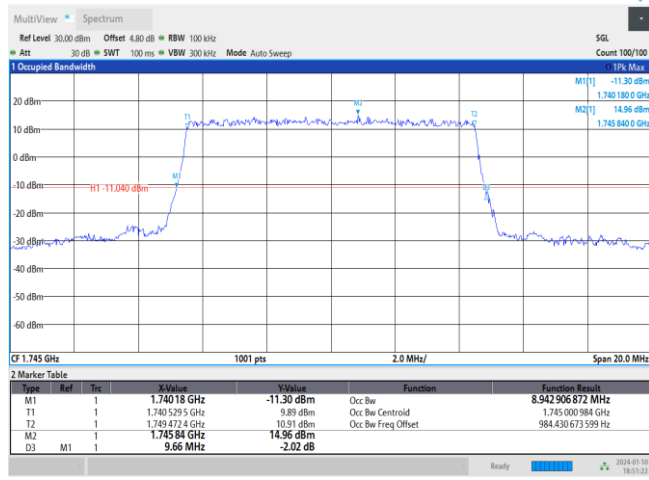
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Band66-5MHz-64QAM-132322-25RB#0



06:49:48 PM 01/10/2024

Band66-10MHz-QPSK-132322-50RB#0



06:51:23 PM 01/10/2024

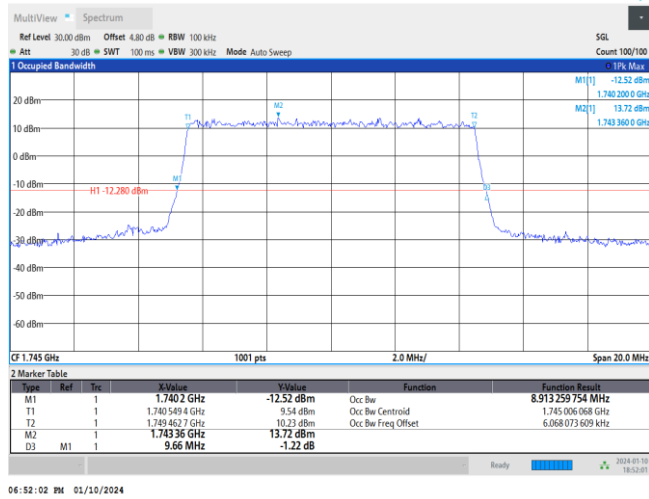


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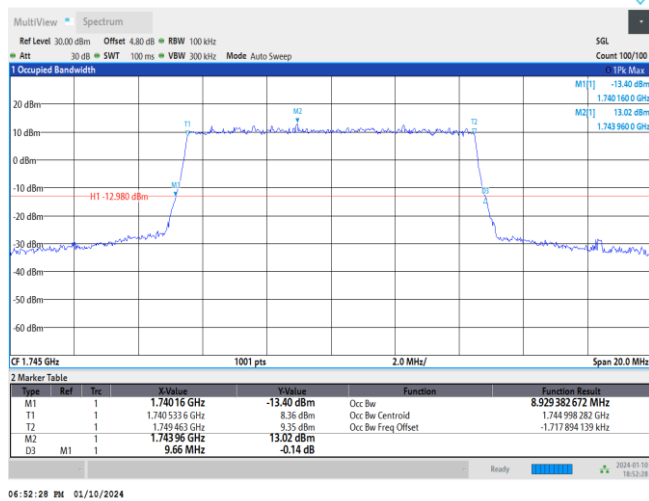
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Band66-10MHz-16QAM-132322-50RB#0



Band66-10MHz-64QAM-132322-50RB#0

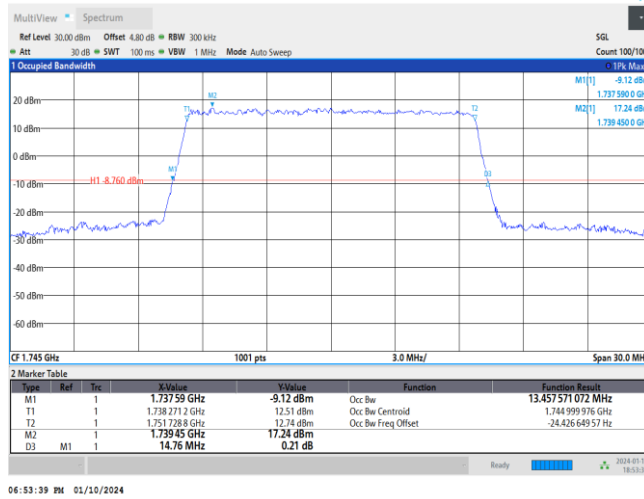


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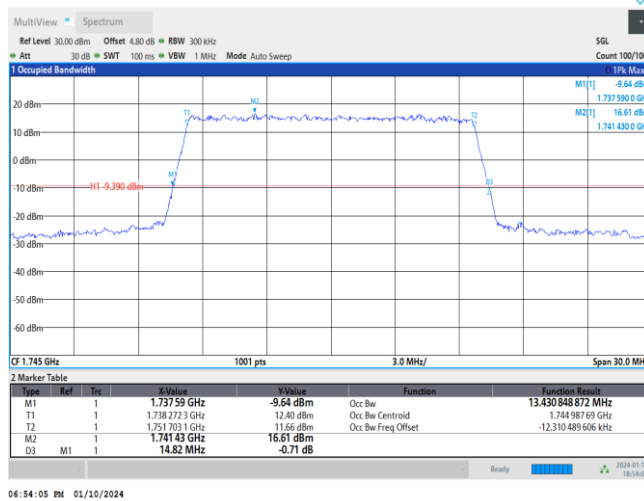
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Band66-15MHz-QPSK-132322-75RB#0



Band66-15MHz-16QAM-132322-75RB#0



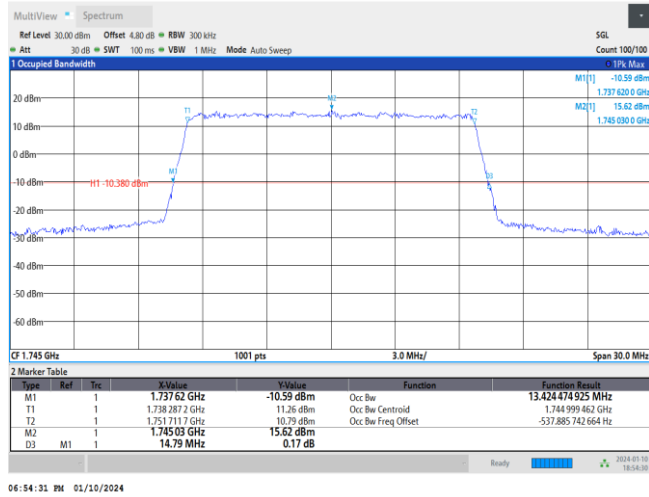
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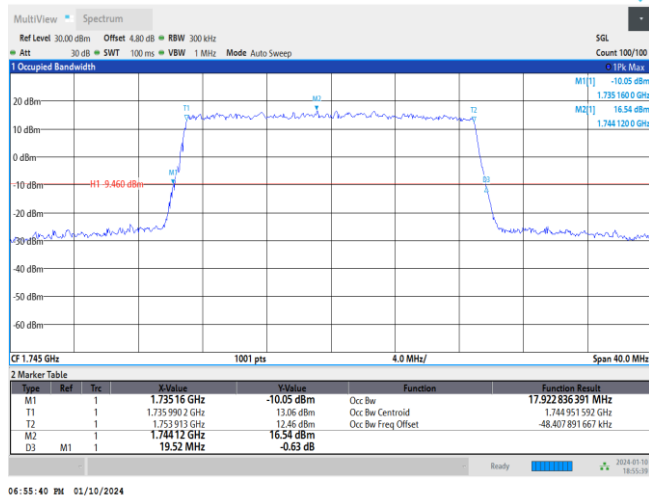
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Band66-20MHz-QPSK-132322-100RB#0

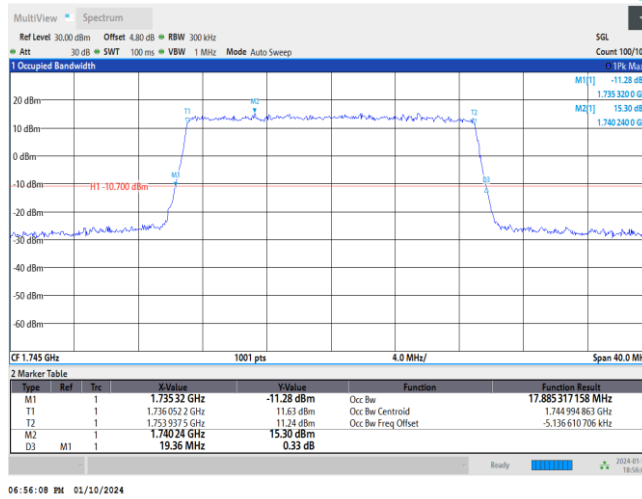


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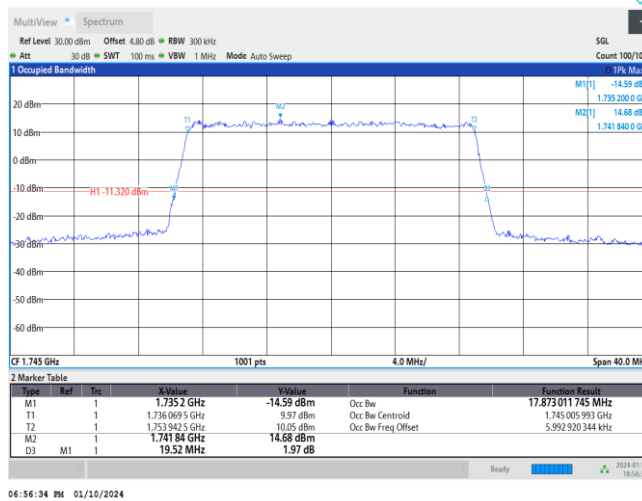
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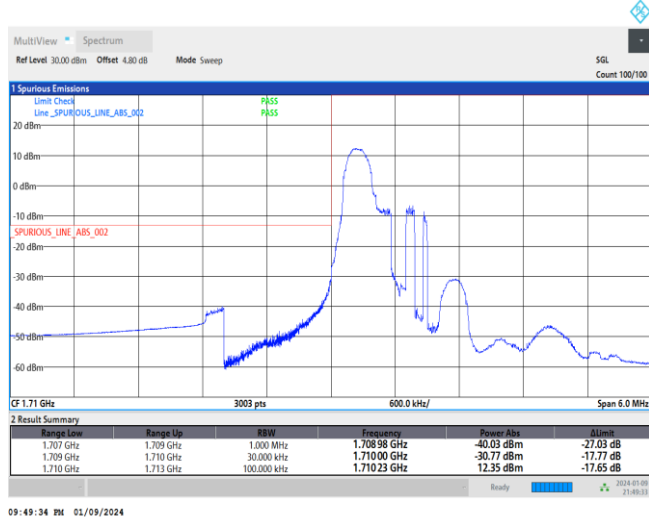
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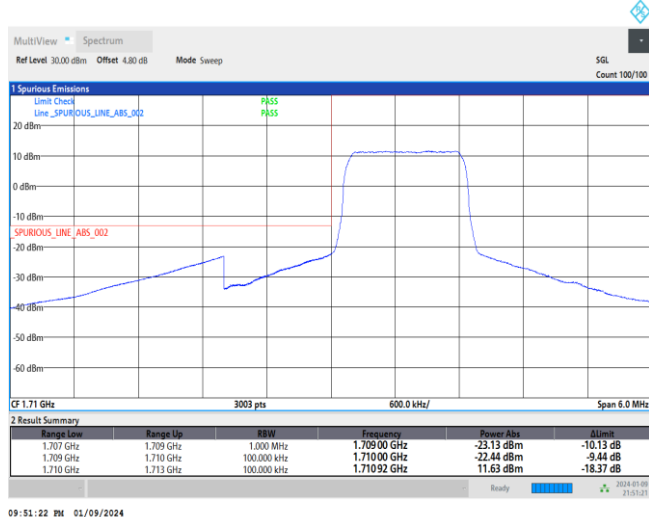
Band Edge

Test Graphs

Band66-1.4MHz-QPSK-131979-1RB#0



Band66-1.4MHz-QPSK-131979-6RB#0

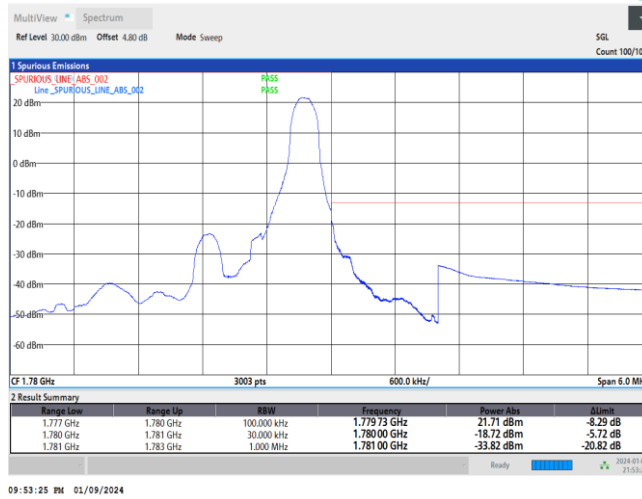


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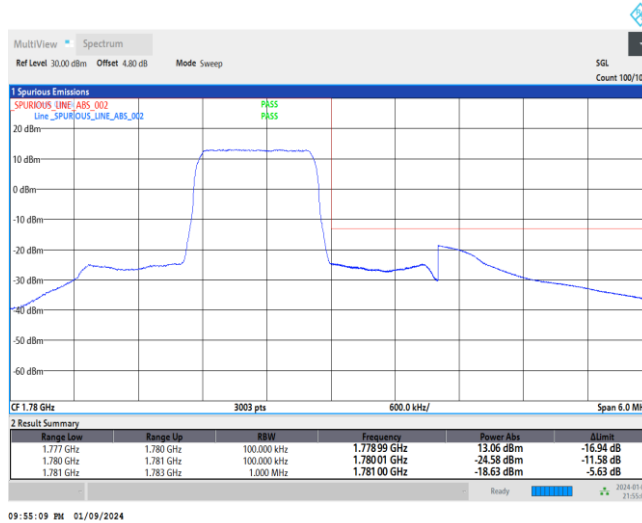
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Band66-1.4MHz-QPSK-132665-1RB#5



Band66-1.4MHz-QPSK-132665-6RB#0

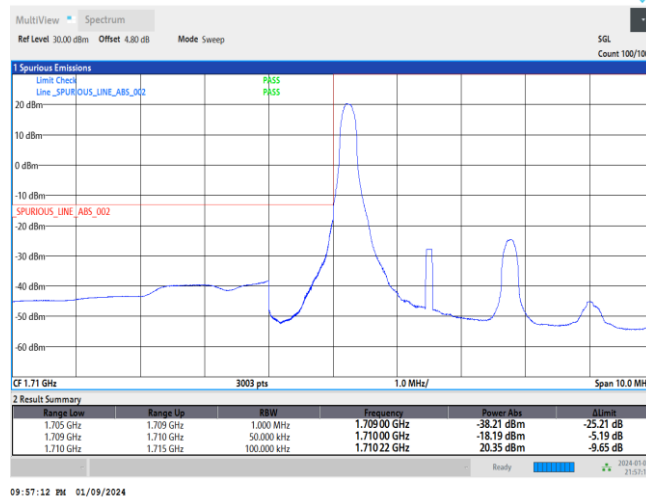


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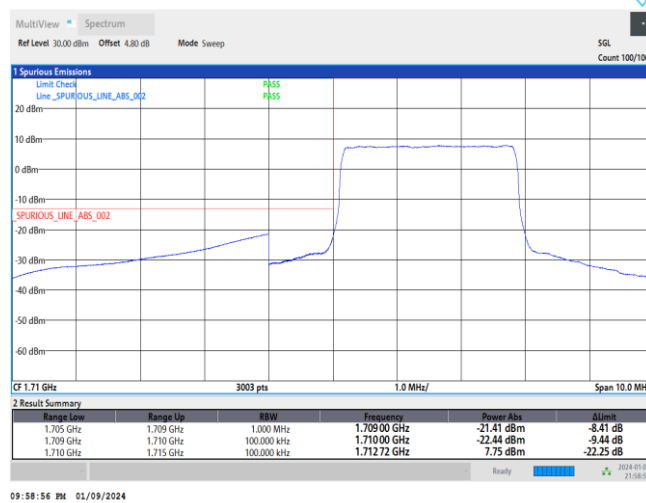
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Band66-3MHz-QPSK-131987-1RB#0



Band66-3MHz-QPSK-131987-15RB#0



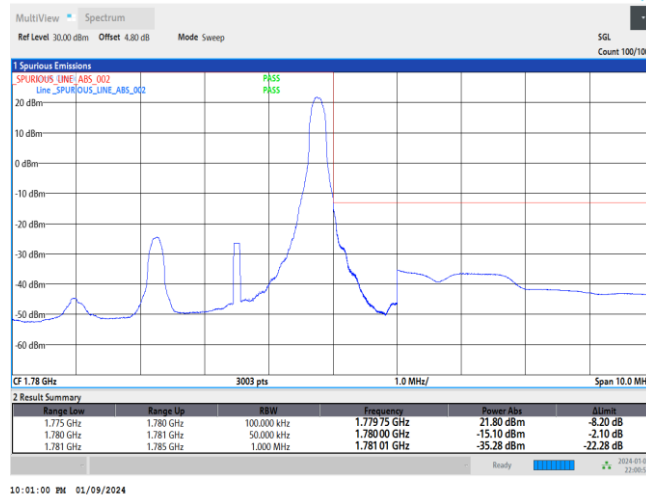
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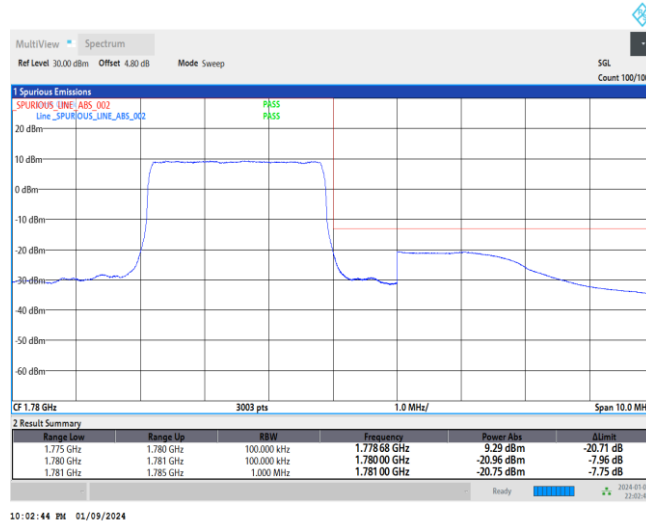
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Band66-3MHz-QPSK-132657-1RB#14



Band66-3MHz-QPSK-132657-15RB#0

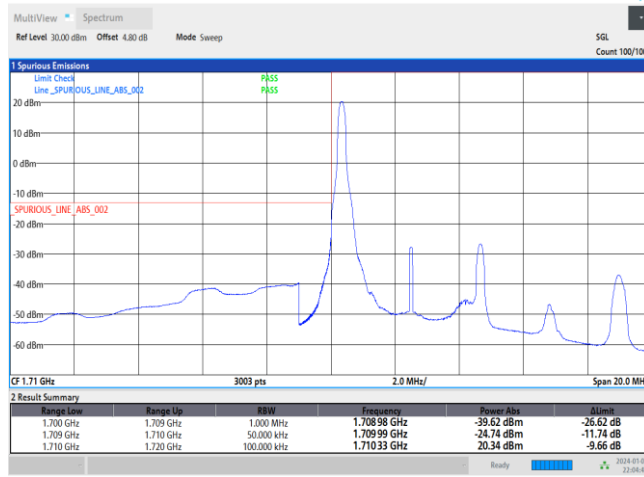


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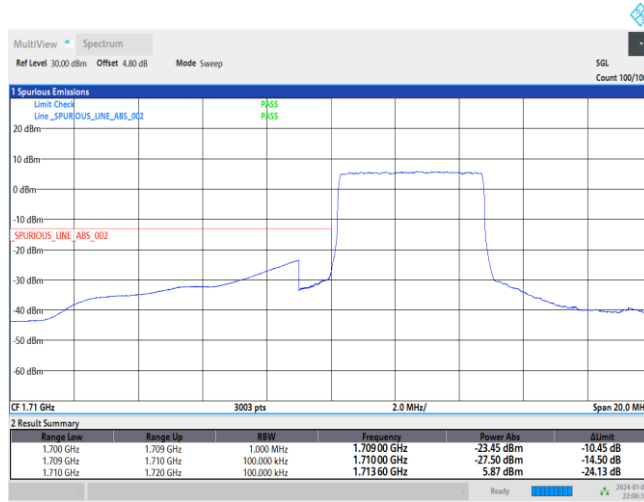
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Band66-5MHz-QPSK-131997-1RB#0



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Band66-5MHz-QPSK-131997-25RB#0



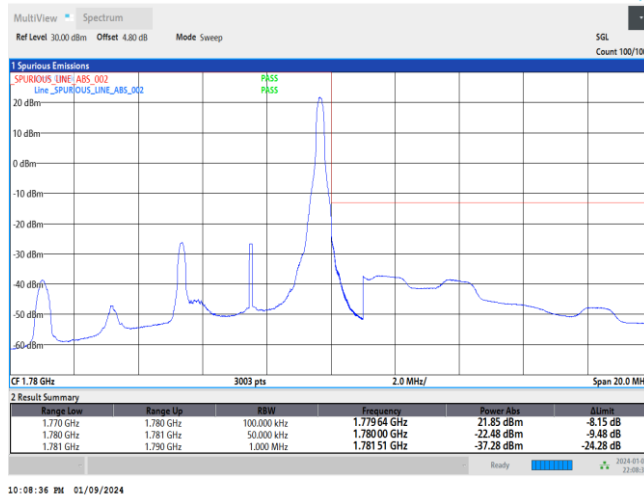
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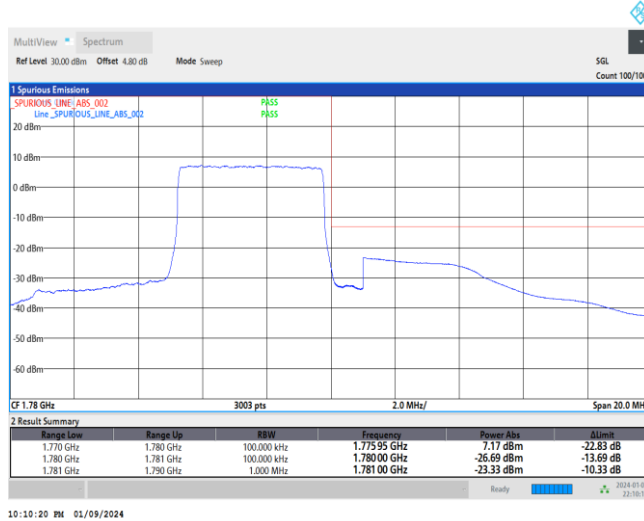
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Band66-5MHz-QPSK-132647-1RB#24



Band66-5MHz-QPSK-132647-25RB#0

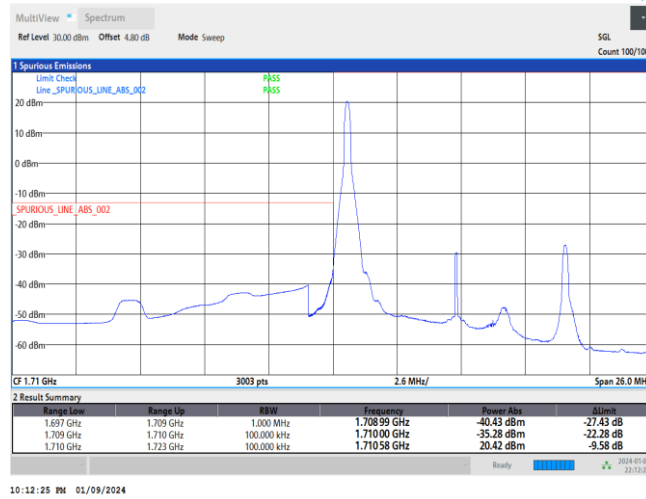


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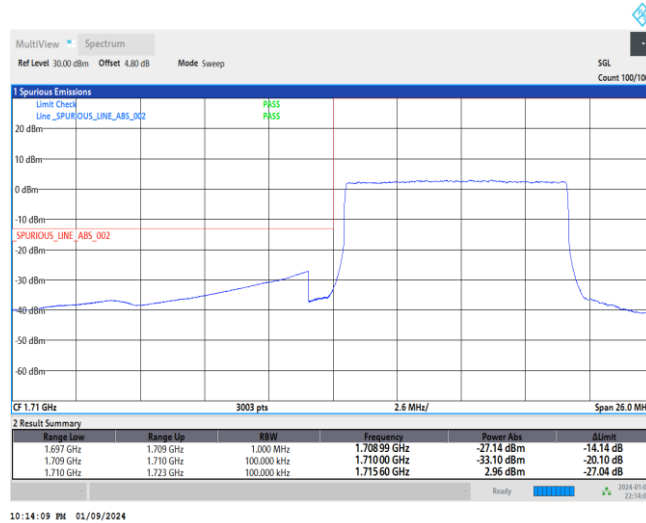
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Band66-10MHz-QPSK-132022-1RB#0



Band66-10MHz-QPSK-132022-50RB#0

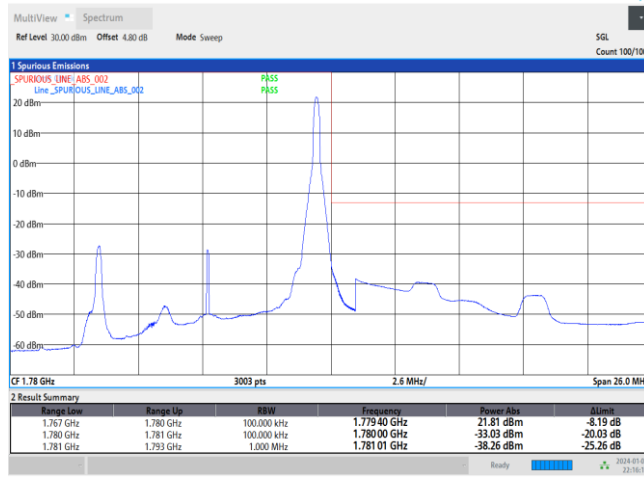


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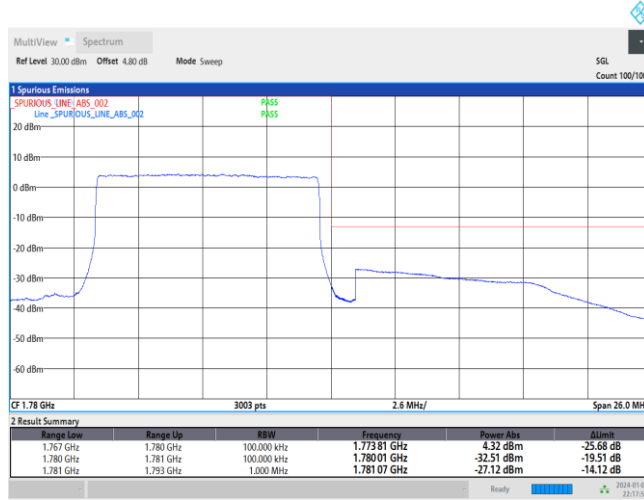
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Band66-10MHz-QPSK-132622-1RB#49



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Band66-10MHz-QPSK-132622-50RB#0



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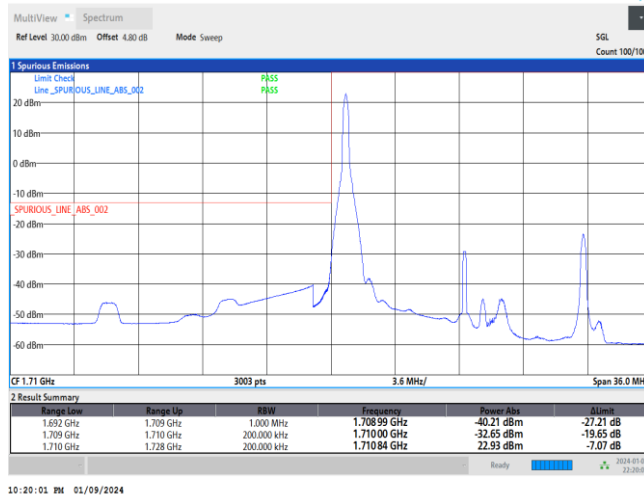


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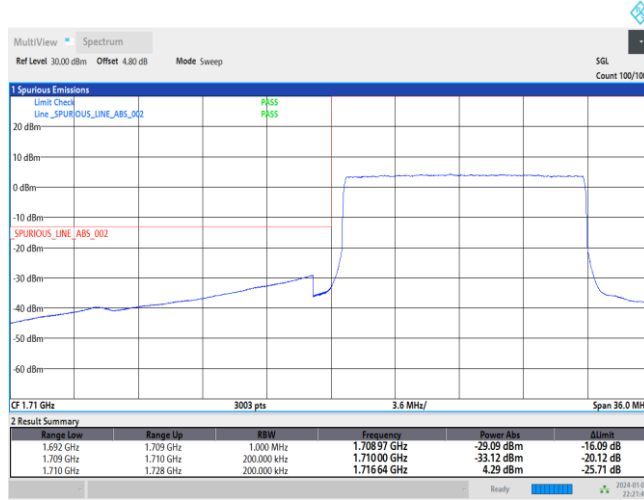
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Band66-15MHz-QPSK-132047-1RB#0



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Band66-15MHz-QPSK-132047-75RB#0



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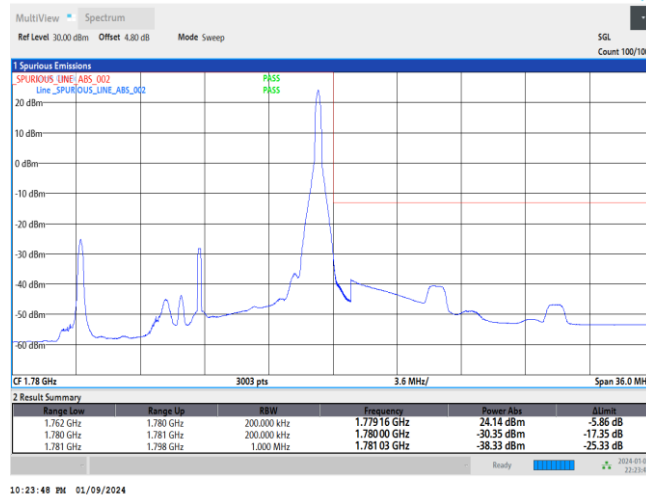


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Band66-15MHz-QPSK-132597-1RB#74



Band66-15MHz-QPSK-132597-75RB#0

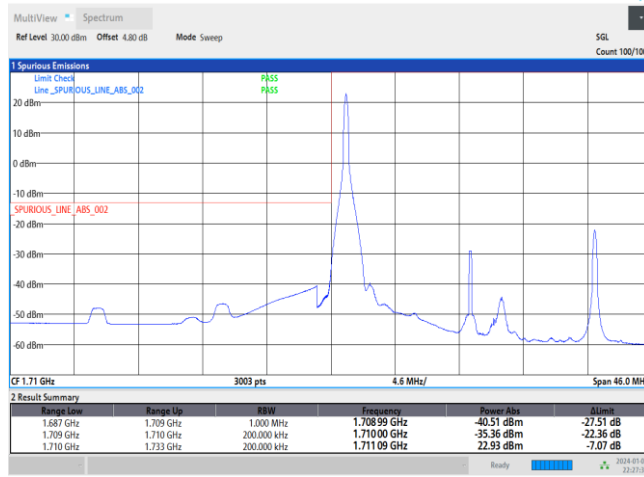


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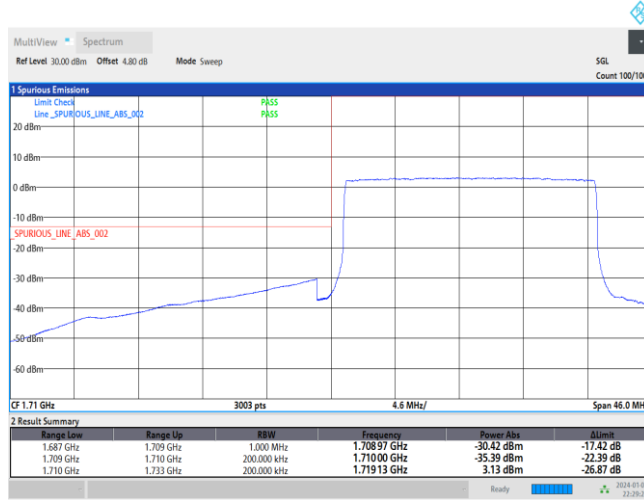
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Band66-20MHz-QPSK-132072-1RB#0



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Band66-20MHz-QPSK-132072-100RB#0



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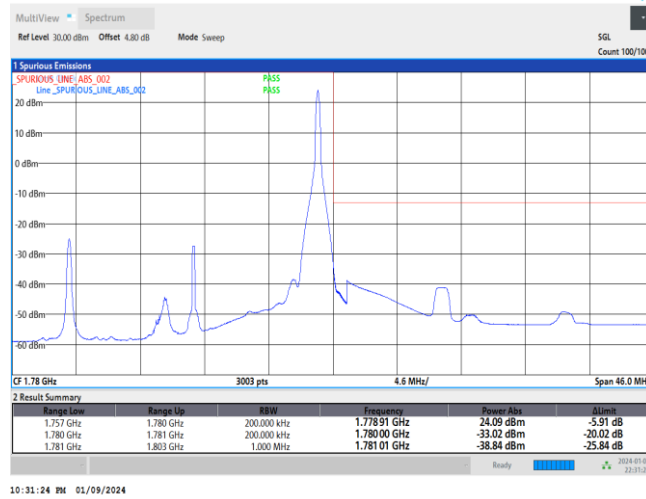


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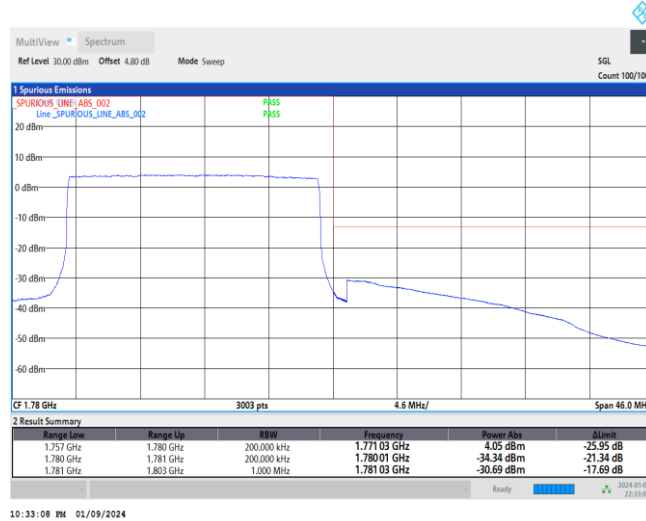
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Band66-20MHz-QPSK-132572-1RB#99



Band66-20MHz-QPSK-132572-100RB#0



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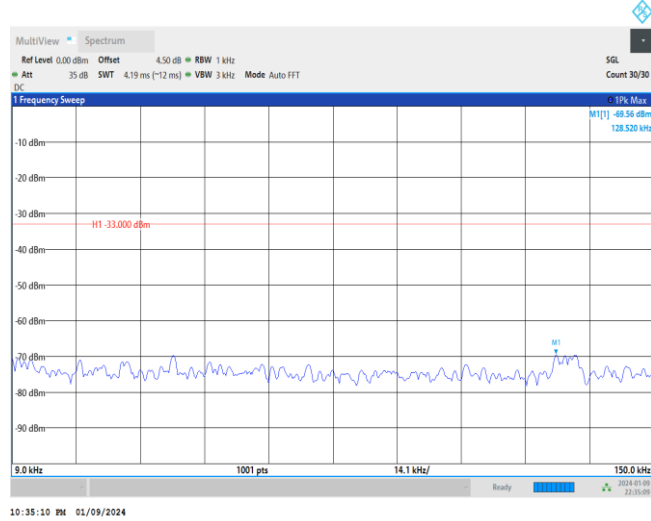
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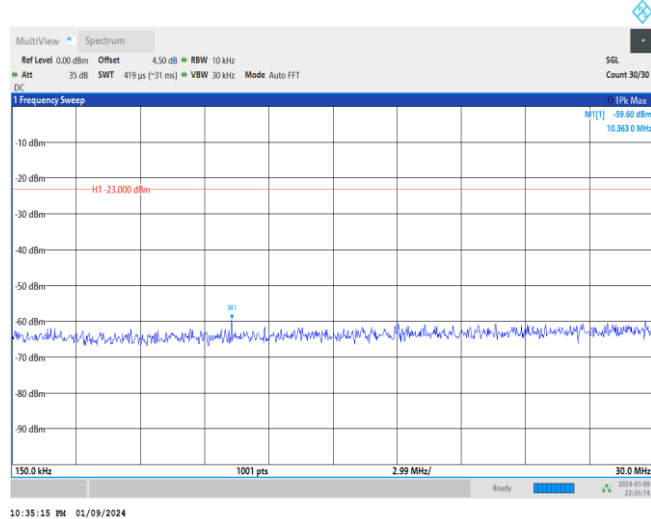
Conducted Spurious Emission

Test Graphs

Band66-20MHz-QPSK-132072-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132072-1RB#0-Range2:0.15~30MHz

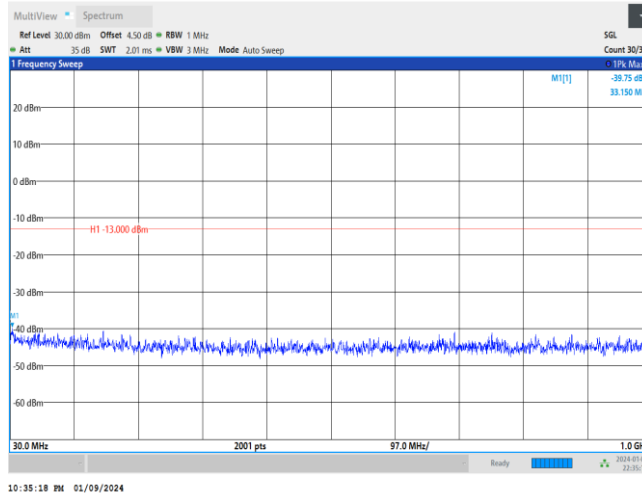


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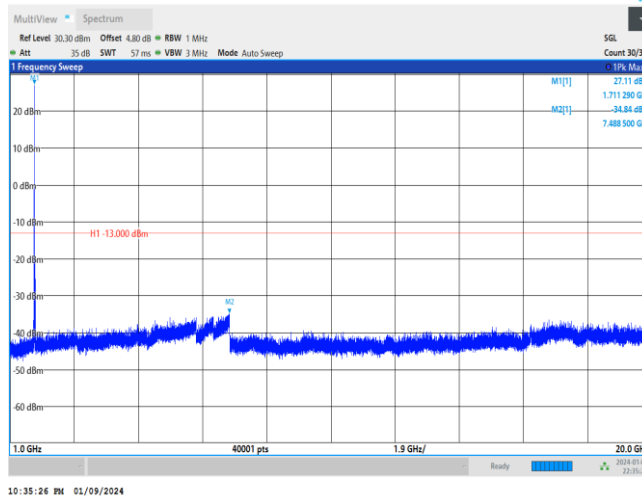
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz

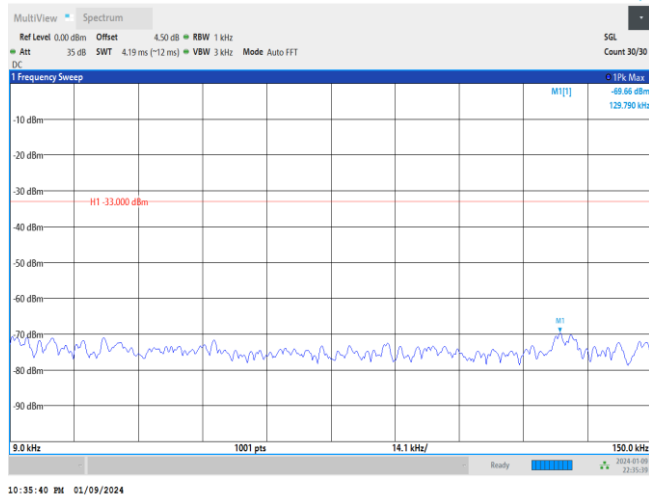


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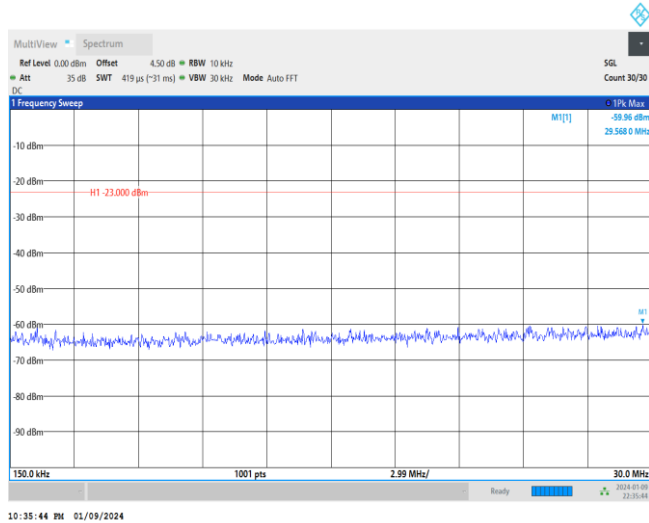
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132322-1RB#0-Range2:0.15~30MHz



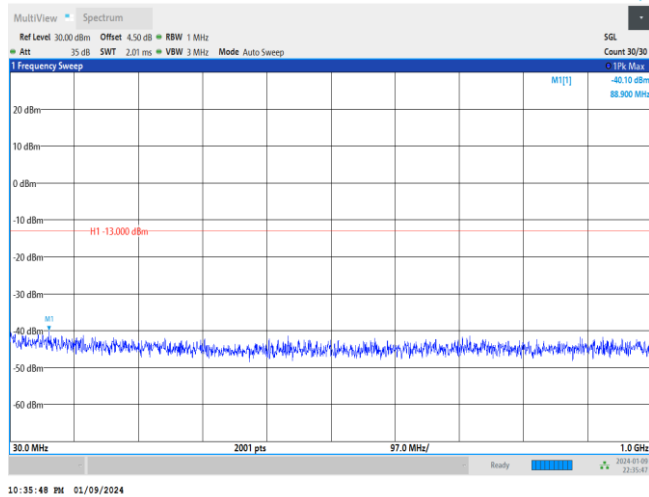
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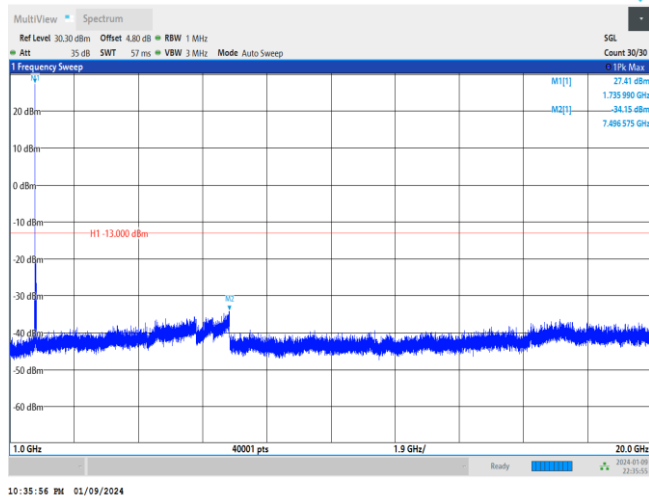
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



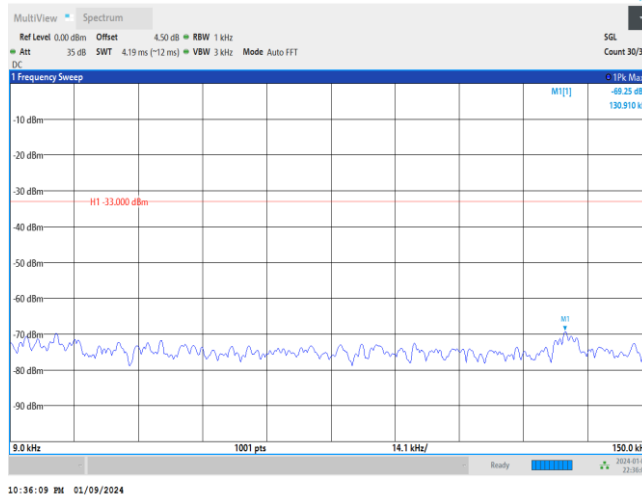
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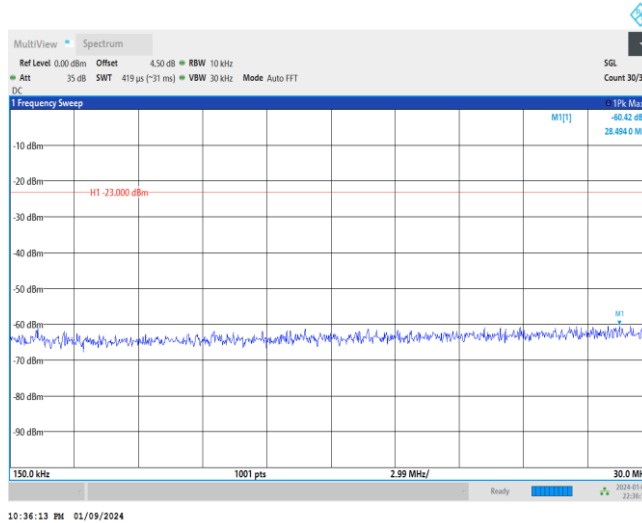
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



Band66-20MHz-QPSK-132572-1RB#0-Range2:0.15~30MHz

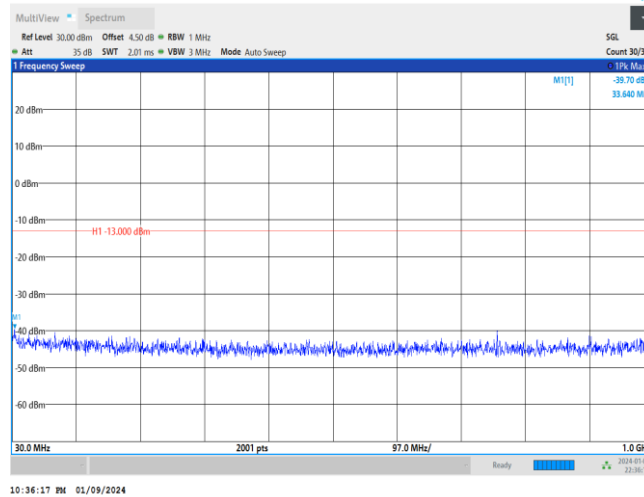


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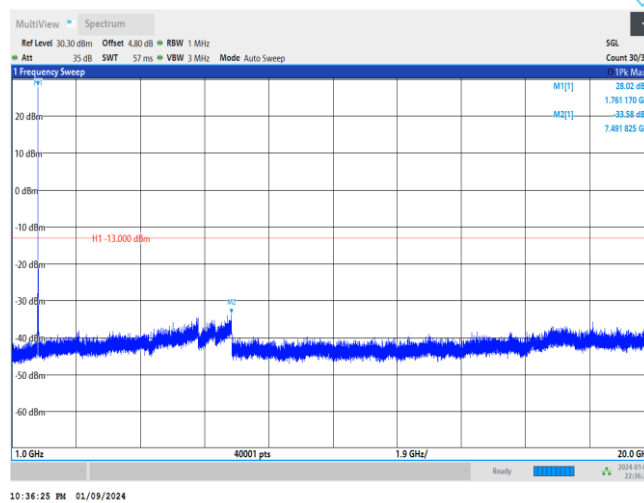
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



Band66-20MHz-QPSK-132572-1RB#0-Range4:1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1

Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	39.21	-43.26	29.58	-69.72	-13.00	56.72	Horizontal
2	5106.27	32.40	-41.25	33.18	-70.93	-13.00	57.93	Horizontal
3	6808.36	32.26	-38.45	35.92	-65.53	-13.00	52.53	Horizontal
4	8510.45	31.65	-35.53	37.36	-61.79	-13.00	48.79	Horizontal
5	10212.54	29.48	-32.06	38.01	-59.84	-13.00	46.84	Horizontal
6	11914.63	27.46	-29.69	38.40	-59.09	-13.00	46.09	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	43.99	-43.26	29.58	-64.94	-13.00	51.94	Vertical
2	6844.5	36.22	-38.40	35.94	-61.50	-13.00	48.50	Vertical
3	5106.27	32.22	-41.25	33.18	-71.11	-13.00	58.11	Vertical
4	8510.45	31.38	-35.53	37.36	-62.06	-13.00	49.06	Vertical
5	10212.54	29.94	-32.06	38.01	-59.38	-13.00	46.38	Vertical
6	11914.63	27.94	-29.69	38.40	-58.61	-13.00	45.61	Vertical



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Report No.: SUCR2401000003TL01

Rev.: 01

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Test Band = LTE Band 66_ TM1

Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.75	39.34	-43.14	29.59	-69.47	-13.00	56.47	Horizontal
2	6944.25	36.14	-38.35	35.98	-61.49	-13.00	48.49	Horizontal
3	5181.27	32.15	-40.90	33.16	-70.84	-13.00	57.84	Horizontal
4	8635.45	30.96	-35.26	37.42	-62.14	-13.00	49.14	Horizontal
5	10362.54	28.23	-31.74	38.08	-60.69	-13.00	47.69	Horizontal
6	12089.63	28.13	-29.29	38.51	-57.91	-13.00	44.91	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5	41.23	-43.14	29.59	-67.58	-13.00	54.58	Vertical
2	6944.25	37.16	-38.35	35.98	-60.47	-13.00	47.47	Vertical
3	5181.27	33.28	-40.90	33.16	-69.71	-13.00	56.71	Vertical
4	8635.45	31.27	-35.26	37.42	-61.83	-13.00	48.83	Vertical
5	10362.54	28.40	-31.74	38.08	-60.52	-13.00	47.52	Vertical
6	12089.63	28.44	-29.29	38.51	-57.60	-13.00	44.60	Vertical



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**Test Band = LTE Band 66_ TM1
Test Channel = High Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522	43.45	-43.01	29.67	-65.14	-13.00	52.14	Horizontal
2	5256.27	33.60	-40.87	33.15	-69.38	-13.00	56.38	Horizontal
3	7008.36	32.53	-38.36	36.01	-65.08	-13.00	52.08	Horizontal
4	8760.45	30.05	-35.11	37.48	-62.84	-13.00	49.84	Horizontal
5	10512.54	27.68	-31.19	38.16	-60.61	-13.00	47.61	Horizontal
6	12262.63	28.37	-29.89	38.72	-58.06	-13.00	45.06	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522	45.52	-43.01	29.67	-63.07	-13.00	50.07	Vertical
2	5256.27	33.05	-40.87	33.15	-69.93	-13.00	56.93	Vertical
3	7008.36	32.87	-38.36	36.01	-64.74	-13.00	51.74	Vertical
4	8760.45	30.96	-35.11	37.48	-61.93	-13.00	48.93	Vertical
5	10512.54	28.94	-31.19	38.16	-59.35	-13.00	46.35	Vertical
6	12262.63	28.66	-29.89	38.72	-57.77	-13.00	44.77	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
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	5.90	0.003381	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	1.30	0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	2.80	0.001605	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	7.00	0.004011	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	5.90	0.003381	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	6.90	0.003954	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	3.00	0.001719	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-2.20	-0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-1.20	-0.000688	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	2.30	0.001318	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	7.10	0.004069	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-1.50	-0.000860	PASS

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