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Appendix B.11

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT1

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	22.63	22.31	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.79	22.47	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.65	22.33	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.81	21.49	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.71	22.39	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.84	22.52	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.71	22.39	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.83	21.51	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.65	22.33	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.78	22.46	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.63	22.31	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.81	21.49	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.94	21.62	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.99	21.67	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.89	21.57	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.89	20.57	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.84	21.52	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.15	21.83	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.97	21.65	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.94	20.62	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.72	21.4	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.91	21.59	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.7	21.38	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.82	20.5	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.8	20.48	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.99	20.67	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.86	20.54	30.00	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	19.8	19.48	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.95	20.63	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.05	20.73	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.93	20.61	30.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.83	19.51	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.8	20.48	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.96	20.64	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.78	20.46	30.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.76	19.44	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.76	22.44	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.78	22.46	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.74	22.42	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.84	21.52	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.85	22.53	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.83	22.51	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.84	22.52	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.9	21.58	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.79	22.47	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.79	22.47	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.77	22.45	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.87	21.55	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.01	21.69	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.03	21.71	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.02	21.7	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.82	20.5	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.03	21.71	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.03	21.71	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.99	21.67	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.91	20.59	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.91	21.59	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.85	21.53	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.82	21.5	30.00	PASS



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Band66	3MHz	16QAM	132657	15RB#0	20.82	20.5	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.05	20.73	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.94	20.62	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.92	20.6	30.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.81	19.49	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.97	20.65	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.07	20.75	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.06	20.74	30.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.91	19.59	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.91	20.59	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.9	20.58	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.86	20.54	30.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.8	19.48	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.6	22.28	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.8	22.48	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.56	22.24	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.76	21.44	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.66	22.34	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.93	22.61	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.64	22.32	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.83	21.51	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.6	22.28	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.84	22.52	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.59	22.27	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.75	21.43	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.9	21.58	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.09	21.77	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.84	21.52	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.75	20.43	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.94	21.62	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.07	21.75	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.85	21.53	30.00	PASS



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Band66	5MHz	16QAM	132322	25RB#0	20.83	20.51	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.72	21.4	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.01	21.69	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.69	21.37	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.75	20.43	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.75	20.43	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.98	20.66	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.72	20.4	30.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.73	19.41	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.86	20.54	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.15	20.83	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.82	20.5	30.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.85	19.53	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.79	20.47	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.97	20.65	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.73	20.41	30.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.75	19.43	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.62	22.3	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.82	22.5	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.65	22.33	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.84	21.52	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.71	22.39	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.94	22.62	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.73	22.41	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.91	21.59	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.69	22.37	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.85	22.53	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.65	22.33	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.87	21.55	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.82	21.5	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.95	21.63	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.8	21.48	30.00	PASS



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Band66	10MHz	16QAM	132322	1RB#0	21.99	21.67	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.09	21.77	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.89	21.57	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.92	20.6	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.81	21.49	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.03	21.71	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.74	21.42	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.85	20.53	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.85	20.53	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	21	20.68	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.84	20.52	30.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.81	19.49	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.85	20.53	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.11	20.79	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.9	20.58	30.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.91	19.59	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.88	20.56	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.04	20.72	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.76	20.44	30.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.84	19.52	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.46	22.14	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.71	22.39	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.54	22.22	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.72	21.4	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.56	22.24	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.8	22.48	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.59	22.27	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.8	21.48	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.49	22.17	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.75	22.43	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.52	22.2	30.00	PASS



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Band66	15MHz	QPSK	132597	75RB#0	21.77	21.45	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.76	21.44	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.93	21.61	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.8	21.48	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.68	20.36	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.74	21.42	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.08	21.76	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.79	21.47	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.82	20.5	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.73	21.41	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.01	21.69	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.64	21.32	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.77	20.45	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.65	20.33	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.82	20.5	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.73	20.41	30.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.67	19.35	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.75	20.43	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.94	20.62	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.77	20.45	30.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.79	19.47	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.68	20.36	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.88	20.56	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.62	20.3	30.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.75	19.43	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.29	21.97	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.78	22.46	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.45	22.13	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.71	21.39	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.38	22.06	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.86	22.54	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.49	22.17	30.00	PASS



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Band66	20MHz	QPSK	132322	100RB#0	21.78	21.46	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.3	21.98	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.82	22.5	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.4	22.08	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.73	21.41	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.58	21.26	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.89	21.57	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.71	21.39	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.67	20.35	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.61	21.29	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.07	21.75	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.74	21.42	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.8	20.48	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.6	21.28	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.92	21.6	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.47	21.15	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.72	20.4	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.55	20.23	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.84	20.52	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.63	20.31	30.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.67	19.35	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.53	20.21	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.06	20.74	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.65	20.33	30.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.8	19.48	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.52	20.2	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	21	20.68	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.54	20.22	30.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.72	19.4	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	5.00	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.10	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.94	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.78	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.94	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.78	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.16	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.28	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.16	13	PASS



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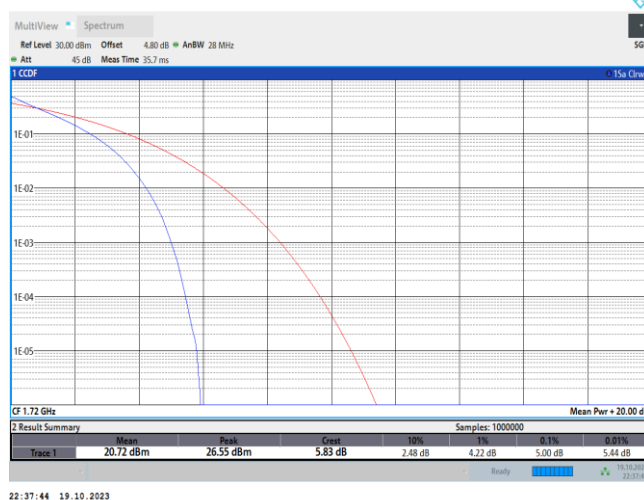
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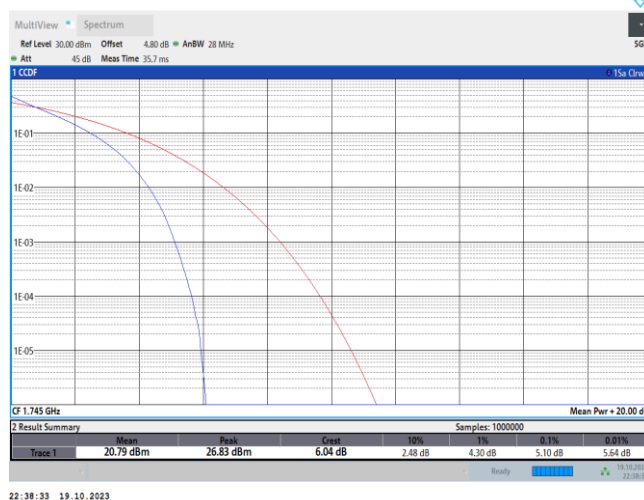
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Test Graphs

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



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



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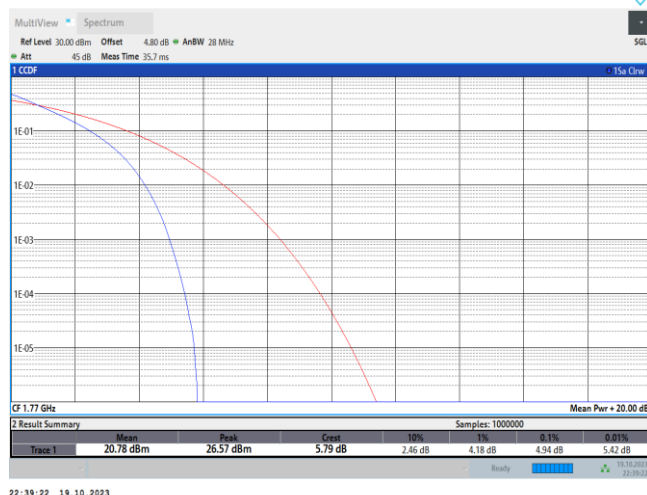
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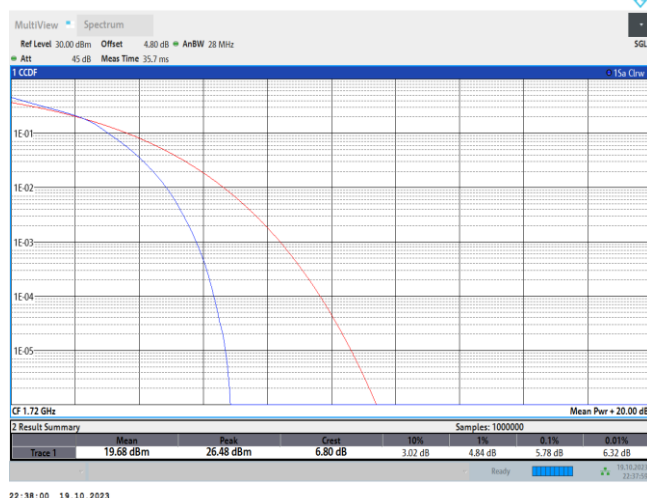
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Band66-20MHz-QPSK-132572-100RB#0



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



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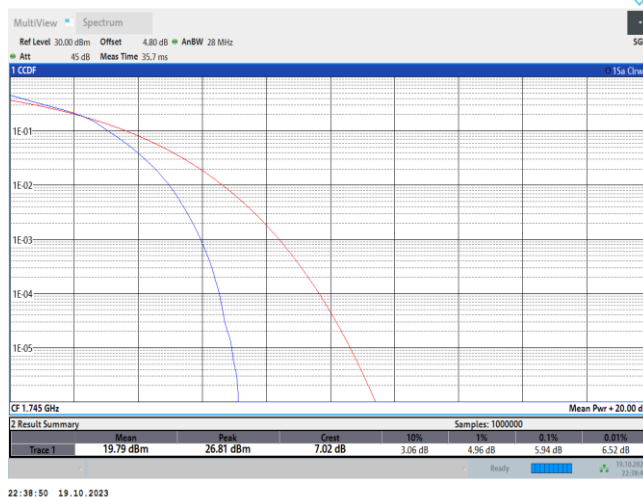
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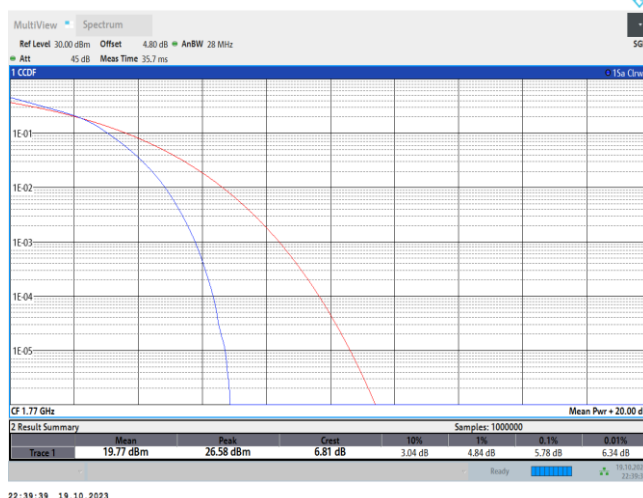
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Band66-20MHz-16QAM-132322-100RB#0



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



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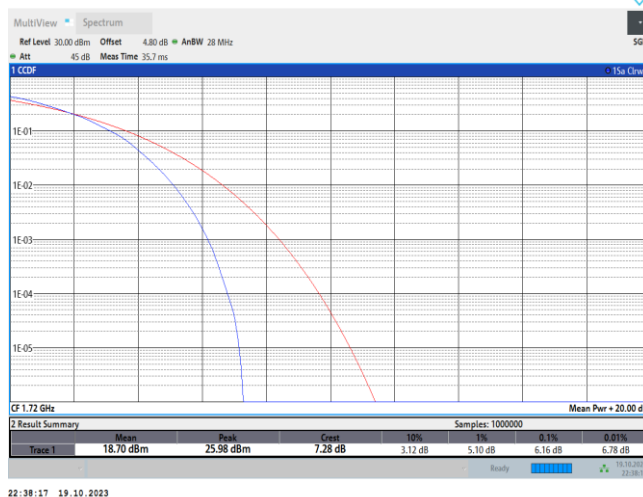
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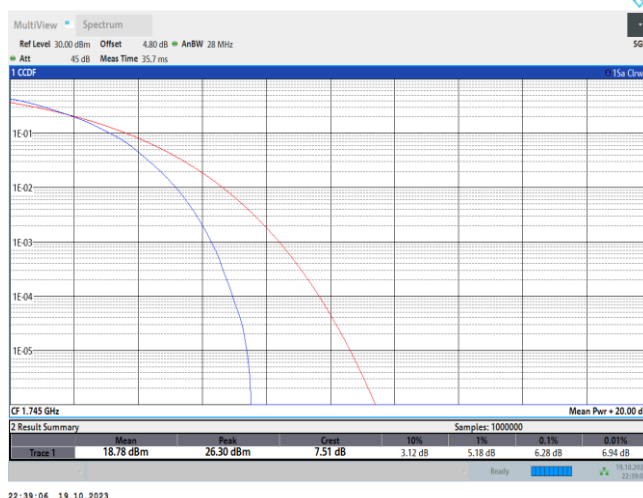
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Band66-20MHz-64QAM-132072-100RB#0



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



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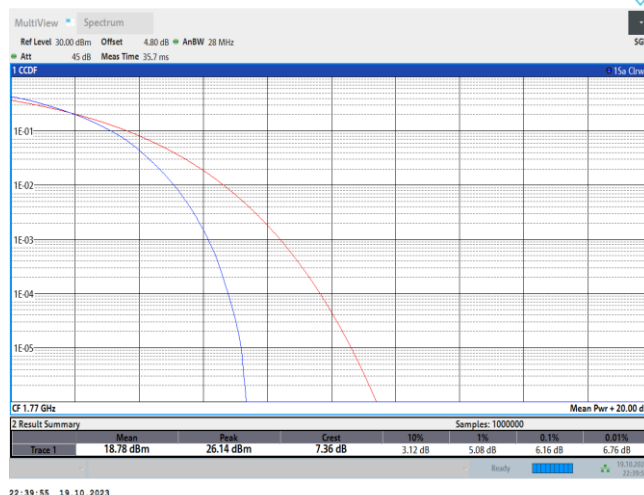
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Band66-20MHz-64QAM-132572-100RB#0



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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	1.084	1.28	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.096	1.31	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.095	1.30	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.679	2.87	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.678	2.90	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.678	2.89	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.475	5.03	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.471	5.05	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.483	5.04	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.926	9.80	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.932	9.82	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.945	9.88	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.495	15.03	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.487	15.18	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.465	15.15	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.938	19.64	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.915	19.72	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.916	19.84	PASS



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Test Graphs

Band66-1.4MHz-QPSK-132322-6RB#0



Band66-1.4MHz-16QAM-132322-6RB#0



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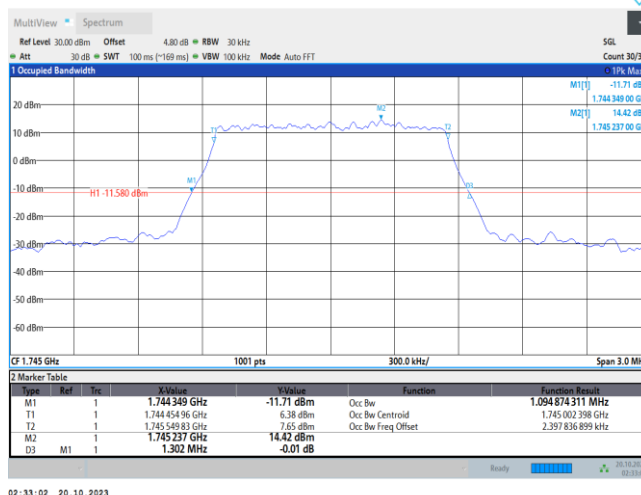
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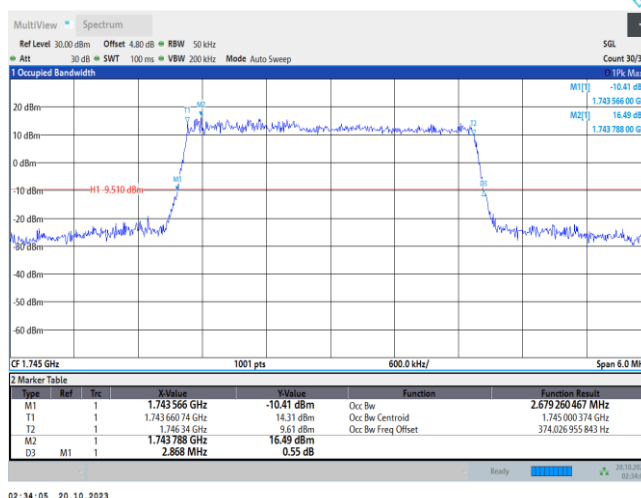
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Band66-1.4MHz-64QAM-132322-6RB#0



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

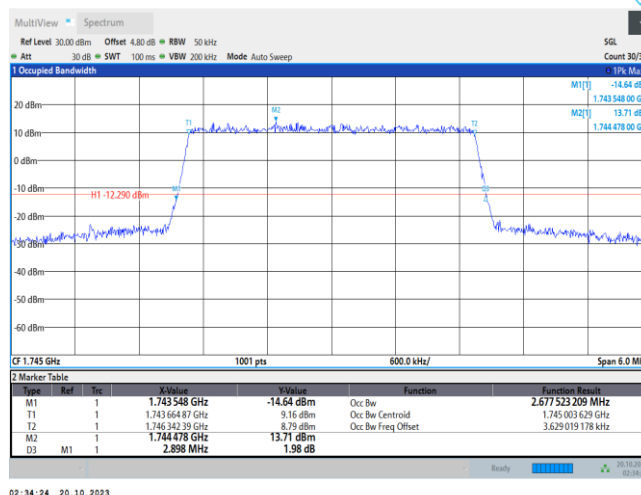


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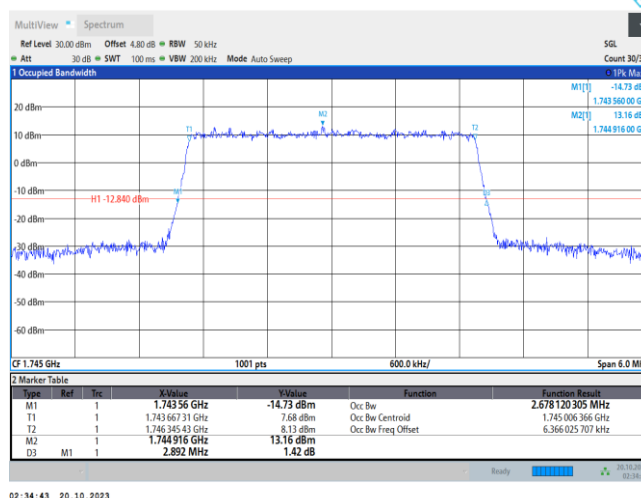
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Band66-3MHz-16QAM-132322-15RB#0



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



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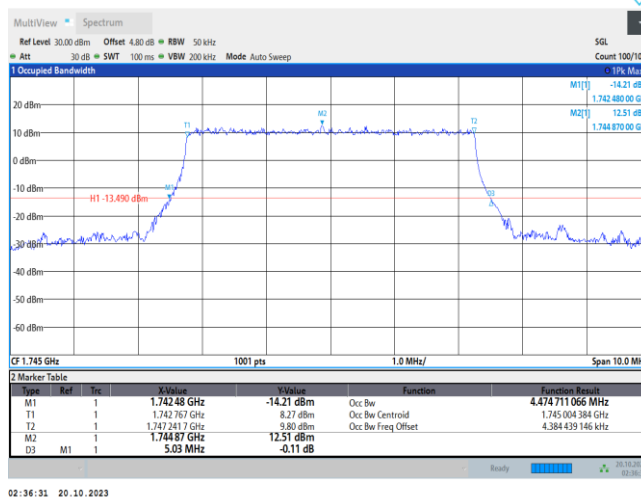
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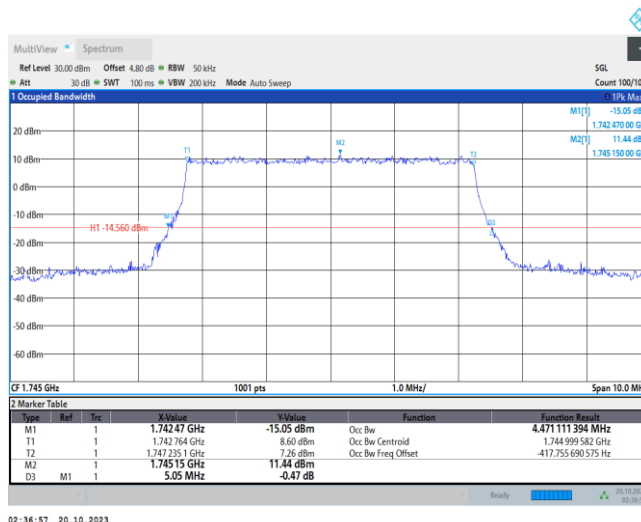
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Band66-5MHz-QPSK-132322-25RB#0



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



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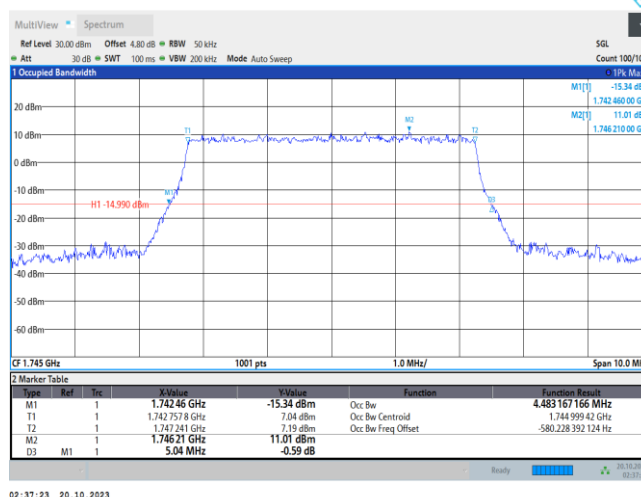
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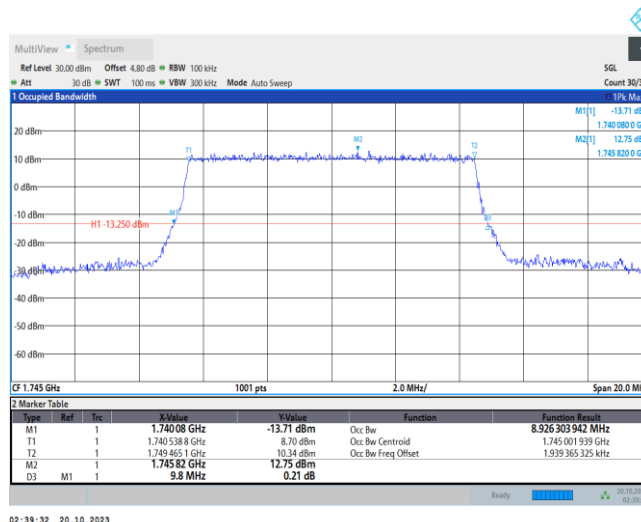
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Band66-5MHz-64QAM-132322-25RB#0



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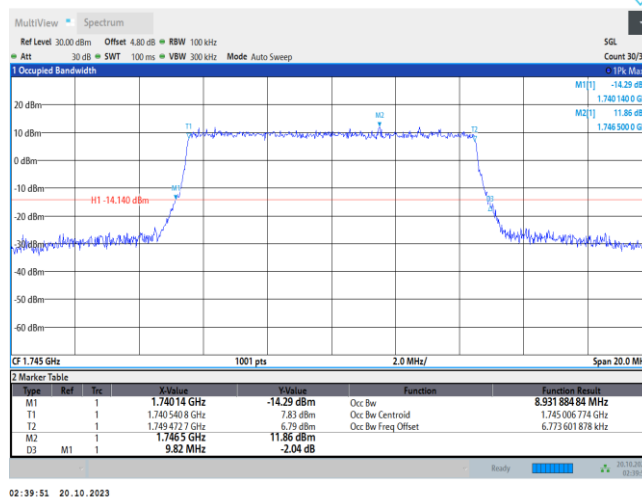


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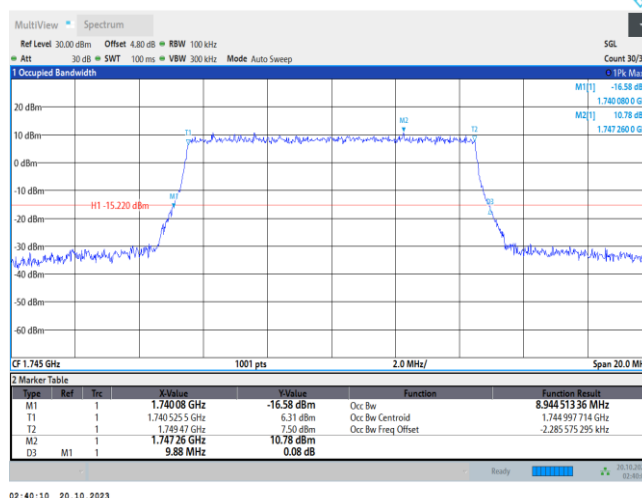
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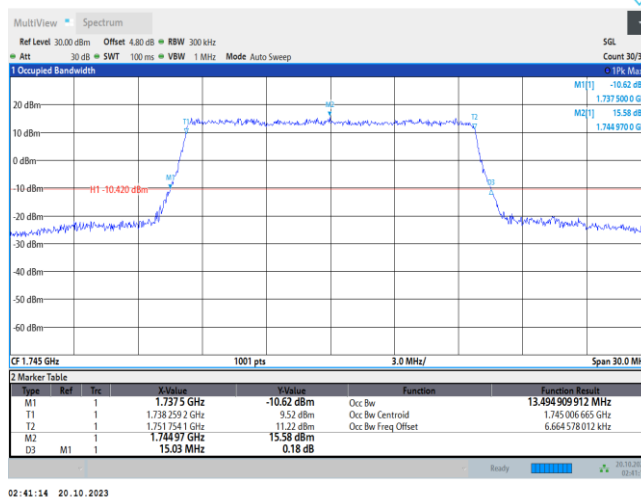


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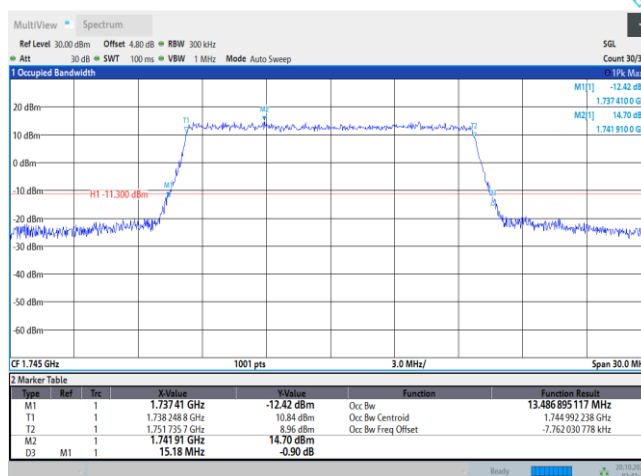
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Band66-15MHz-16QAM-132322-75RB#0



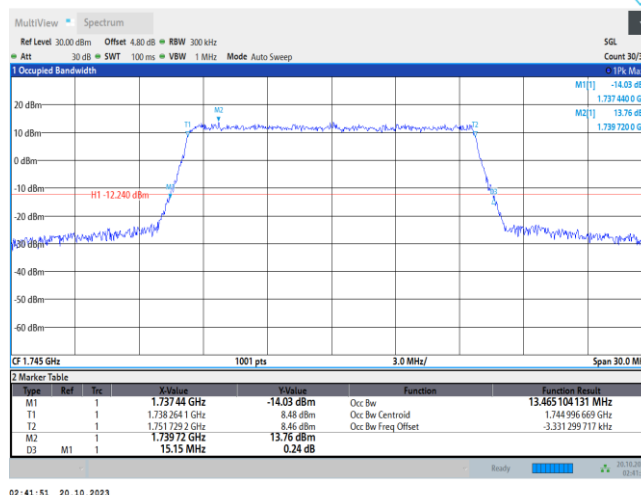
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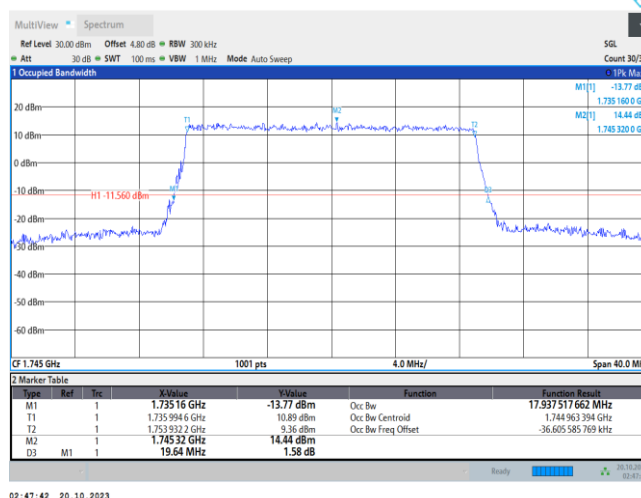
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Band66-15MHz-64QAM-132322-75RB#0



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



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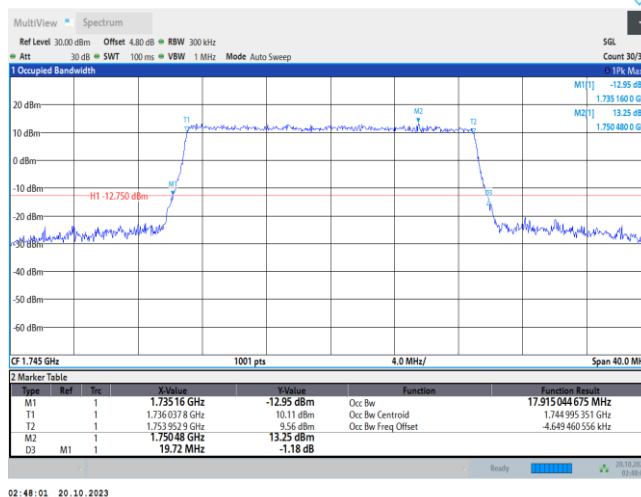
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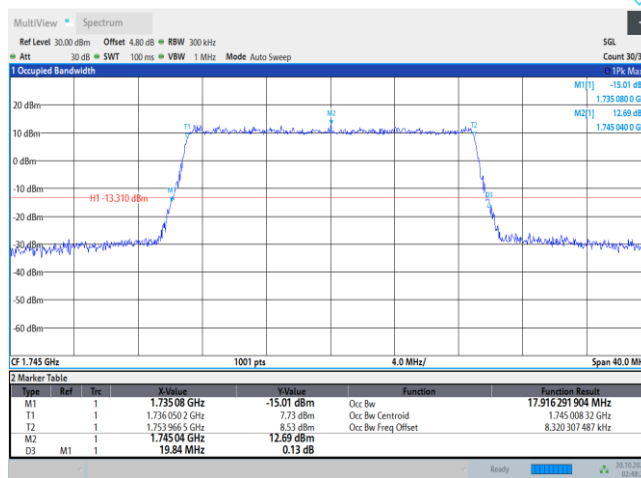
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Band66-20MHz-64QAM-132322-100RB#0



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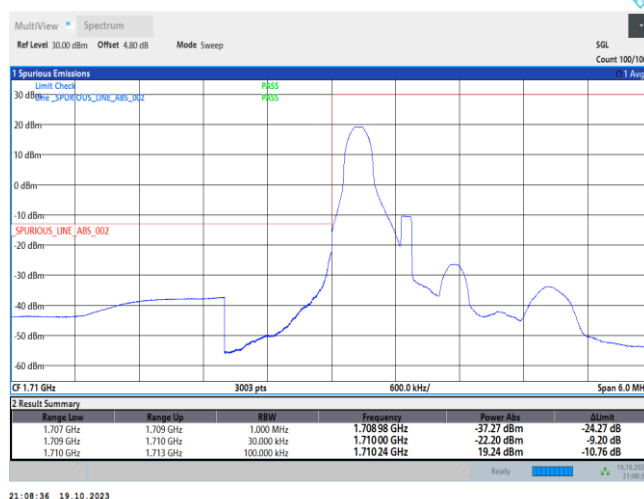
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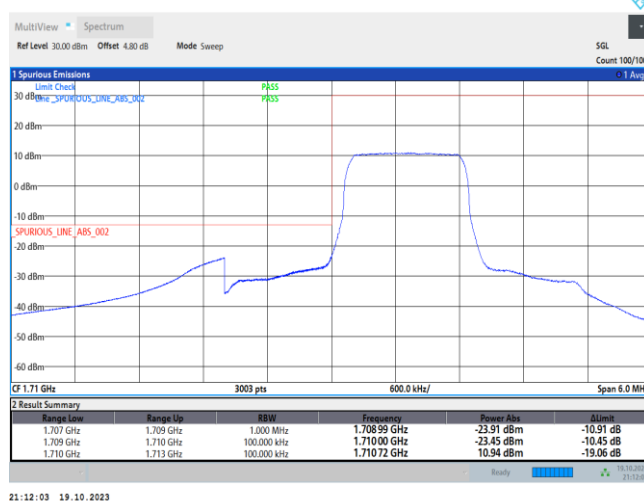
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Test Graphs

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



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



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



21:19:58 19.10.2023



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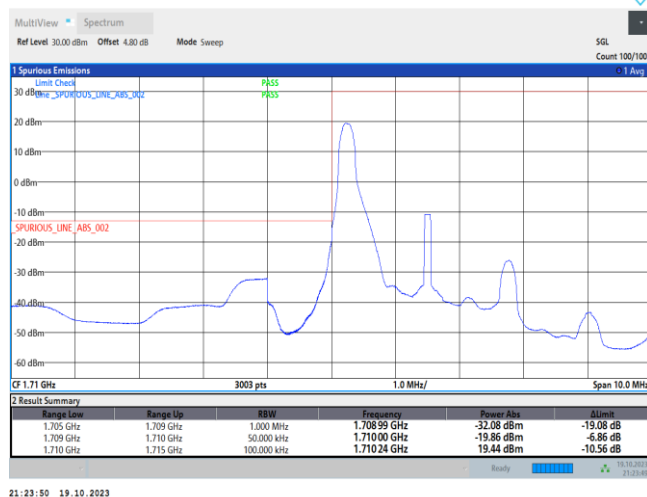
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Band66-3MHz-QPSK-131987-1RB#0



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



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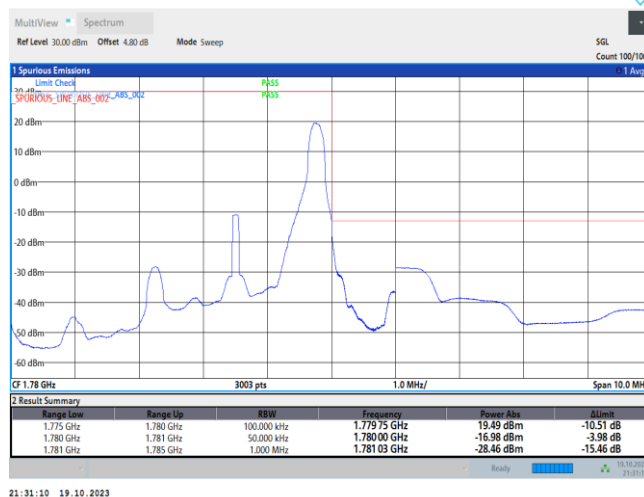
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Band66-3MHz-QPSK-132657-15RB#0



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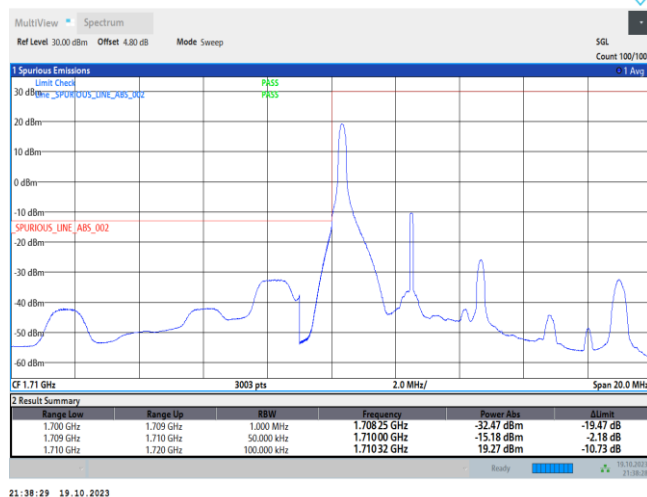
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Band66-5MHz-QPSK-131997-1RB#0



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



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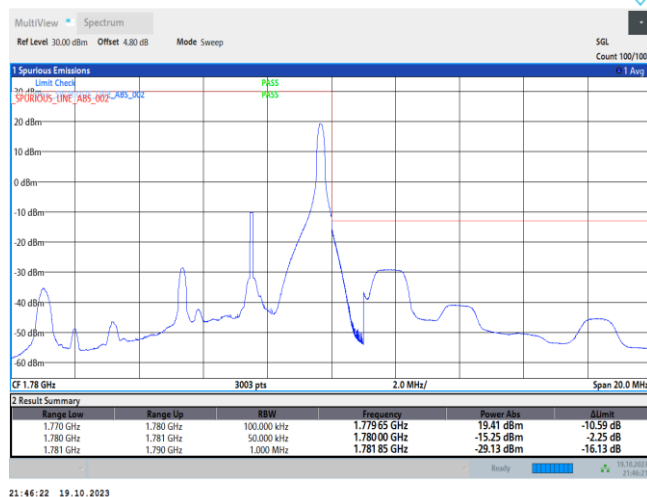
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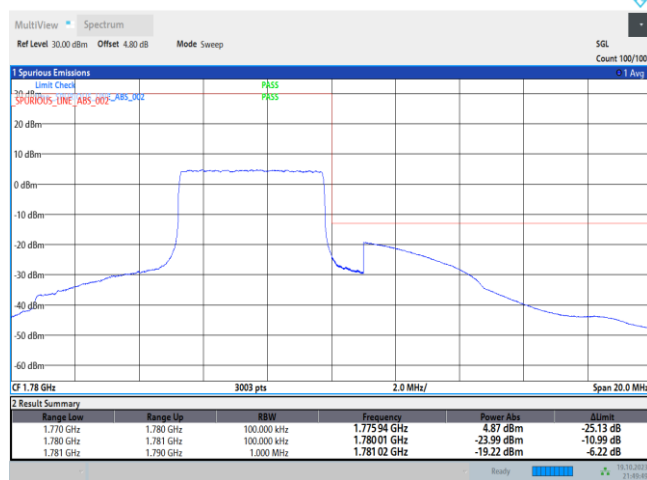
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Band66-5MHz-QPSK-132647-1RB#24



21:46:22 19.10.2023

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



21:49:49 19.10.2023



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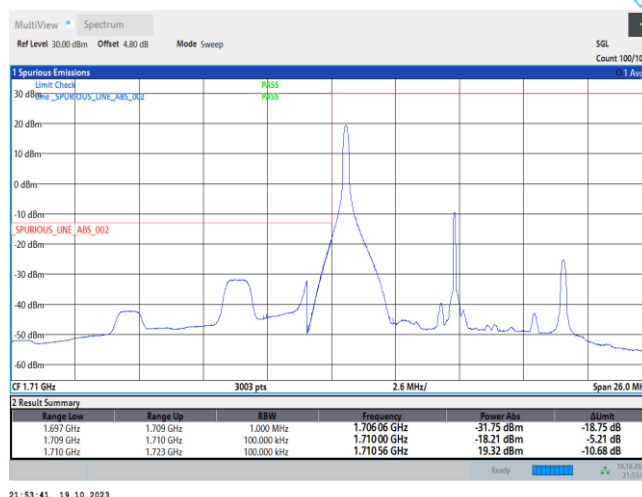
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Band66-10MHz-QPSK-132022-1RB#0



21:53:41 19.10.2023

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



21:57:09 19.10.2023



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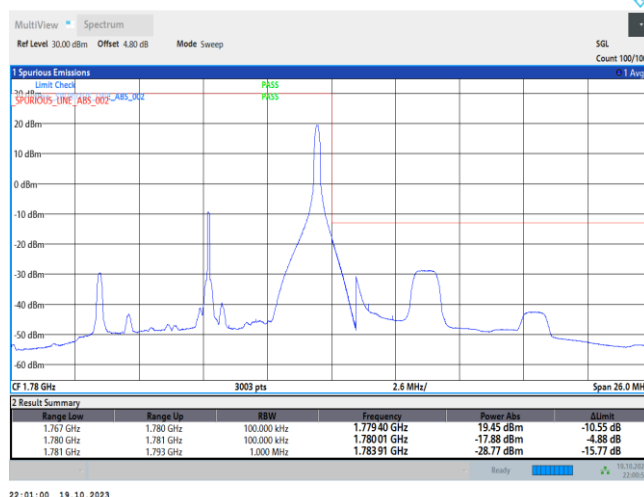
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Band66-10MHz-QPSK-132622-1RB#49



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



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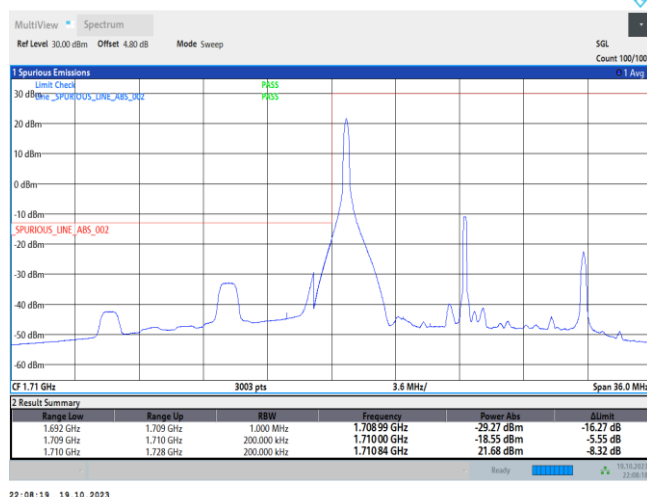
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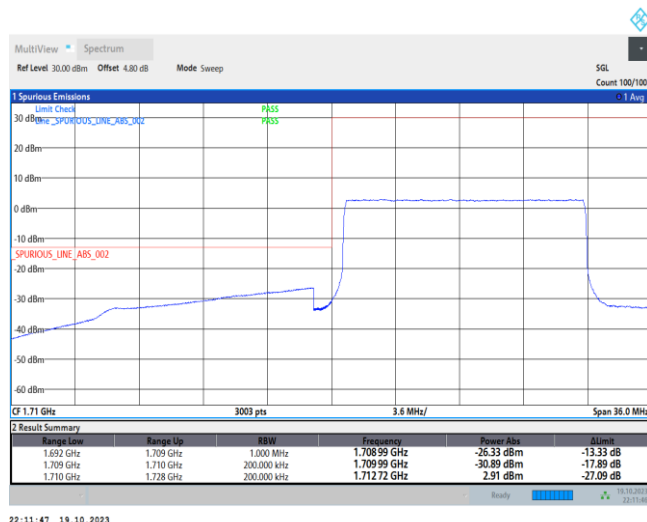
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Band66-15MHz-QPSK-132047-1RB#0



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



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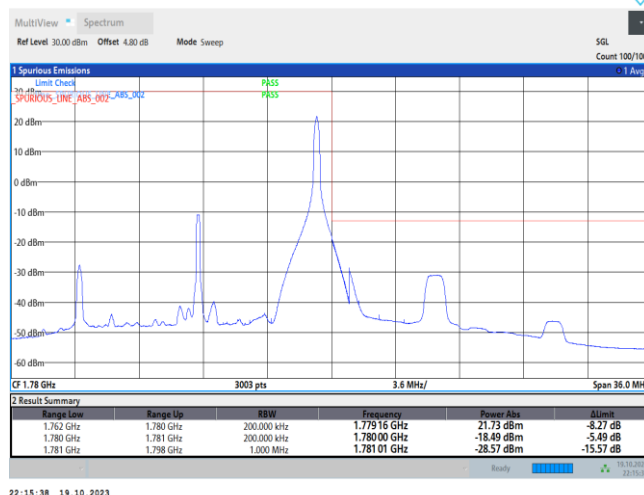
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Band66-15MHz-QPSK-132597-1RB#74



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



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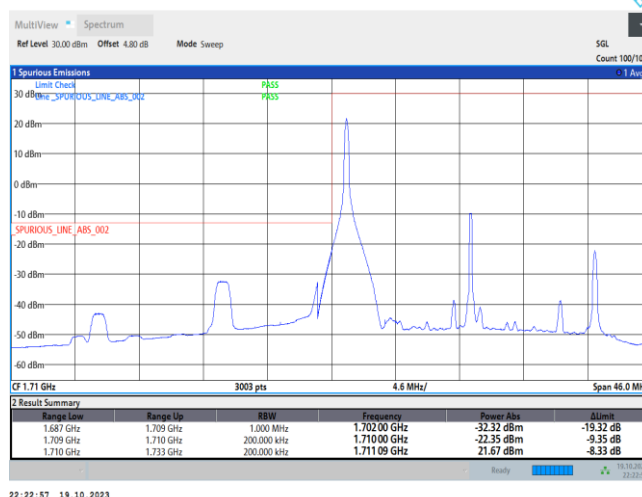
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Band66-20MHz-QPSK-132072-1RB#0



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



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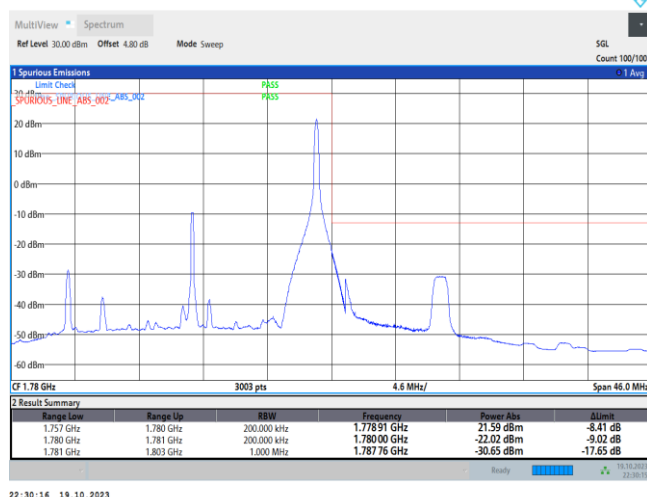
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Band66-20MHz-QPSK-132572-1RB#99



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



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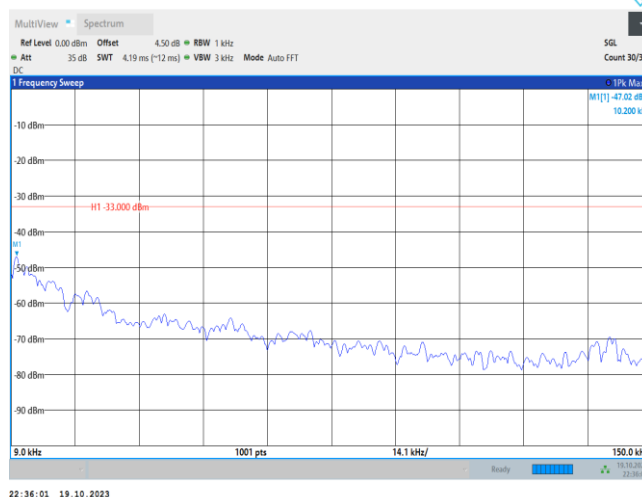
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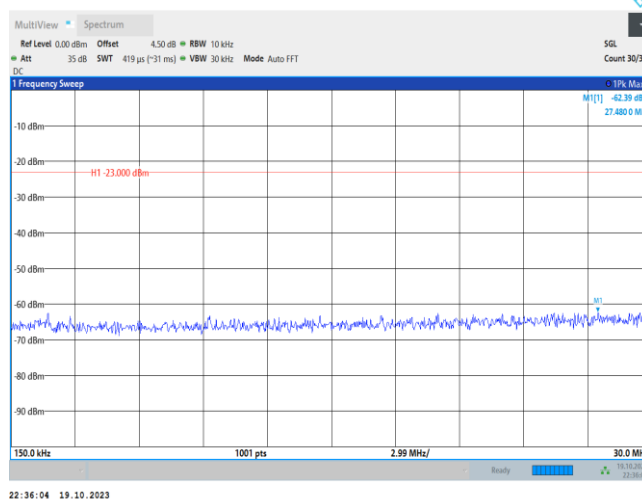
Conducted Spurious Emission

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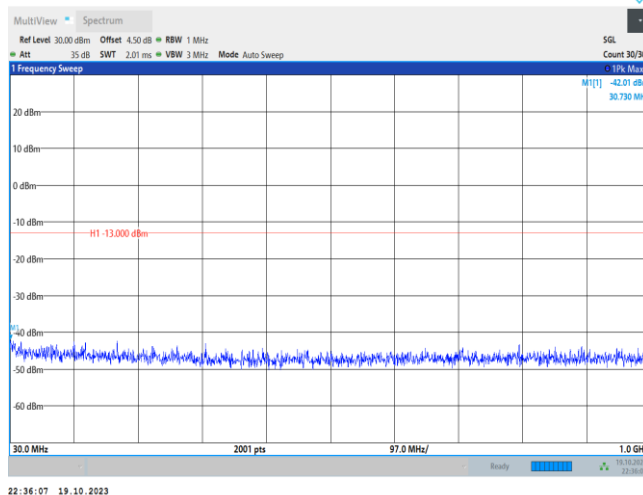
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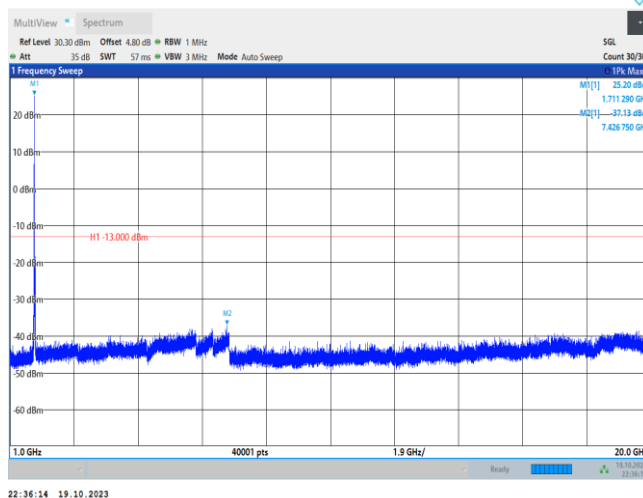
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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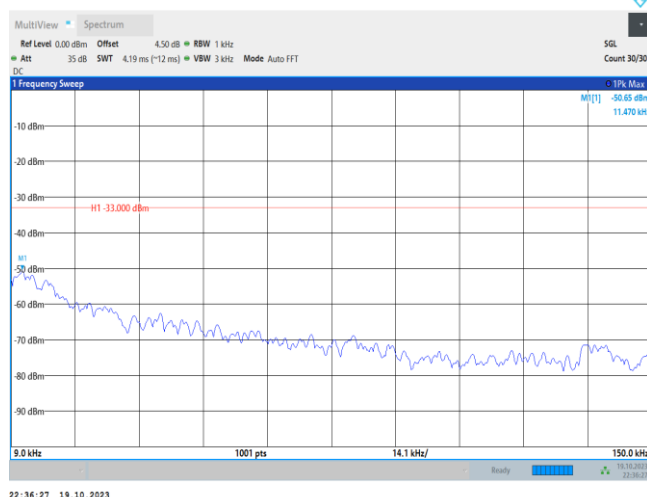
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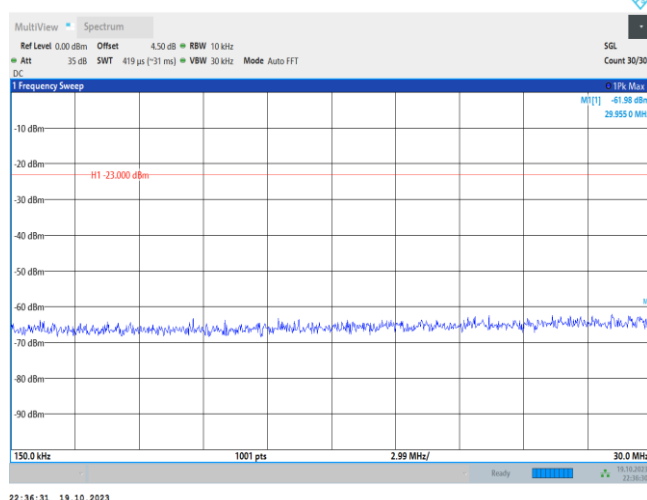
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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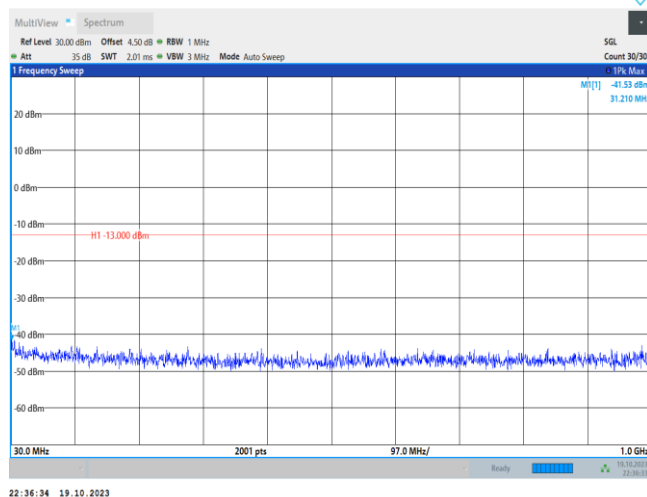
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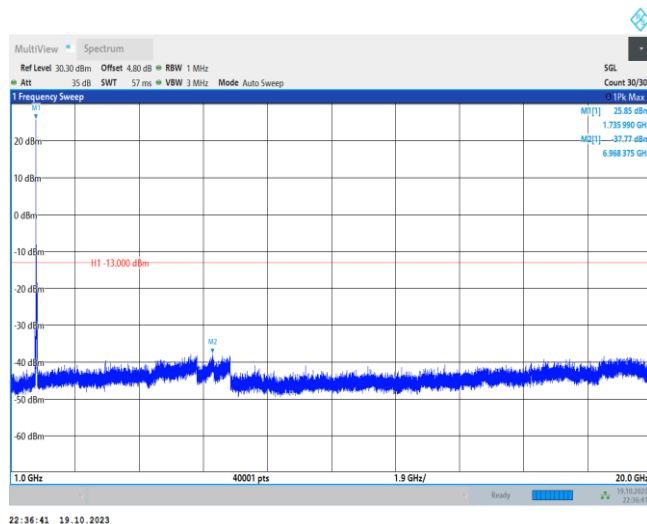
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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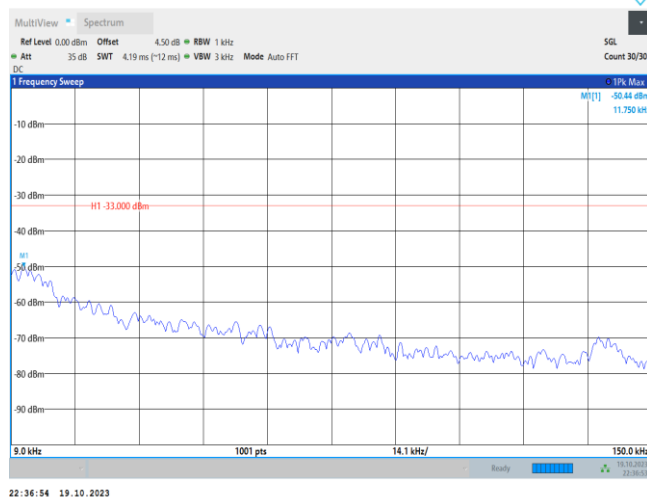
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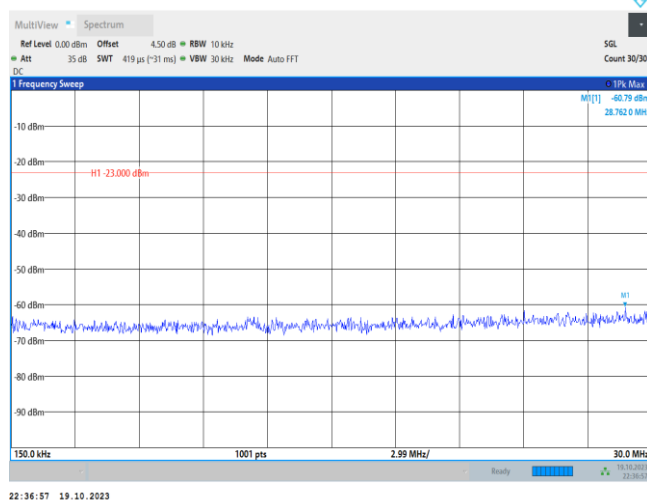
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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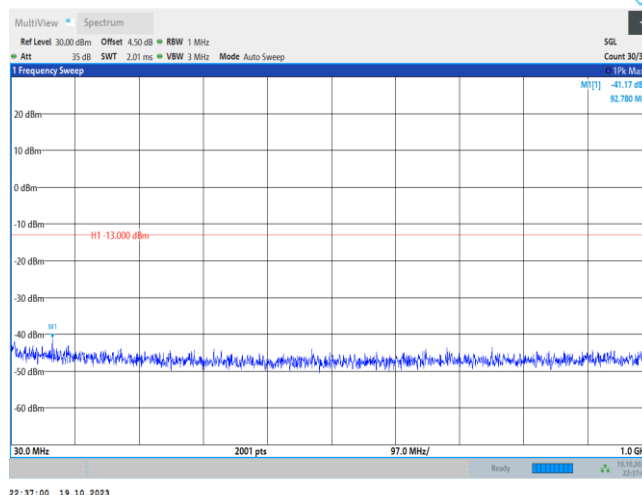
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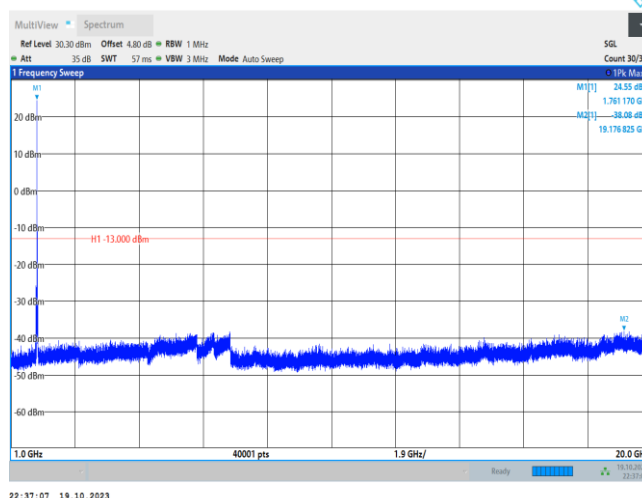
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band66_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	41.14	-46.28	28.54	-71.86	-13.00	58.86	Horizontal
2	5106.2700	38.02	-45.36	31.66	-70.95	-13.00	57.95	Horizontal
3	6808.3600	38.70	-44.16	34.86	-65.87	-13.00	52.87	Horizontal
4	8510.4500	34.97	-41.59	36.54	-65.33	-13.00	52.33	Horizontal
5	10212.5400	30.51	-39.45	38.31	-65.89	-13.00	52.89	Horizontal
6	11914.6300	27.31	-37.18	38.79	-66.34	-13.00	53.34	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	41.01	-46.28	28.54	-71.99	-13.00	58.99	Vertical
2	5106.2700	38.94	-45.36	31.66	-70.03	-13.00	57.03	Vertical
3	6808.3600	38.47	-44.16	34.86	-66.10	-13.00	53.10	Vertical
4	8510.4500	35.33	-41.59	36.54	-64.97	-13.00	51.97	Vertical
5	10212.5400	30.78	-39.45	38.31	-65.62	-13.00	52.62	Vertical
6	11914.6300	26.49	-37.18	38.79	-67.16	-13.00	54.16	Vertical



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Test Band = LTE Band66_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	40.57	-46.27	28.57	-72.39	-13.00	59.39	Horizontal
2	5181.2700	38.38	-45.30	31.84	-70.34	-13.00	57.34	Horizontal
3	6908.3600	37.82	-44.05	35.04	-66.45	-13.00	53.45	Horizontal
4	8635.4500	35.37	-41.46	36.48	-64.87	-13.00	51.87	Horizontal
5	10362.5400	31.68	-39.04	38.38	-64.24	-13.00	51.24	Horizontal
6	12089.6300	26.88	-37.37	38.83	-66.92	-13.00	53.92	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	41.94	-46.27	28.57	-71.02	-13.00	58.02	Vertical
2	5181.2700	39.52	-45.30	31.84	-69.20	-13.00	56.20	Vertical
3	6908.3600	38.74	-44.05	35.04	-65.53	-13.00	52.53	Vertical
4	8635.4500	34.90	-41.46	36.48	-65.34	-13.00	52.34	Vertical
5	10362.5400	31.15	-39.04	38.38	-64.77	-13.00	51.77	Vertical
6	12089.6300	27.02	-37.37	38.83	-66.78	-13.00	53.78	Vertical



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Test Band = LTE Band66_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.73	-46.25	28.60	-71.18	-13.00	58.18	Horizontal
2	5256.2700	39.22	-45.17	32.02	-69.20	-13.00	56.20	Horizontal
3	7008.3600	37.65	-43.61	35.22	-65.99	-13.00	52.99	Horizontal
4	8760.4500	34.86	-41.42	36.42	-65.40	-13.00	52.40	Horizontal
5	10512.5400	30.17	-38.76	38.46	-65.39	-13.00	52.39	Horizontal
6	12262.6300	27.26	-37.44	38.88	-66.56	-13.00	53.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.87	-46.25	28.60	-71.04	-13.00	58.04	Vertical
2	5256.2700	39.85	-45.17	32.02	-68.57	-13.00	55.57	Vertical
3	7008.3600	38.43	-43.61	35.22	-65.21	-13.00	52.21	Vertical
4	8760.4500	35.40	-41.42	36.42	-64.86	-13.00	51.86	Vertical
5	10512.5400	30.74	-38.76	38.46	-64.82	-13.00	51.82	Vertical
6	12262.6300	26.67	-37.44	38.88	-67.15	-13.00	54.15	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	-0.10	-0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	0.90	0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-3.20	-0.001834	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.30	-0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-2.80	-0.001605	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	1.60	0.000917	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-7.40	-0.004241	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-4.60	-0.002636	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.30	-0.001318	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-10.90	-0.006246	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-3.30	-0.001891	PASS

---End of Attachment---



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