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Appendix B.14

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant14

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.78	22.64	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.75	22.61	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.59	22.45	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.82	21.68	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.62	22.48	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.56	22.42	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.53	22.39	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.62	21.48	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.74	22.60	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.63	22.49	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.58	22.44	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.64	21.50	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.86	21.72	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.07	21.93	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.83	21.69	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.76	20.62	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.89	21.75	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.74	21.60	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.67	21.53	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.68	20.54	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.67	21.53	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.78	21.64	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.93	21.79	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.64	20.50	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.80	20.66	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.92	20.78	30.00	PASS



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Band66	1.4MHz	64QAM	131979	1RB#5	21.71	20.57	30.00	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	20.83	19.69	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.71	20.57	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.75	20.61	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.74	20.60	30.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.70	19.56	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.74	20.60	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.95	20.81	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.83	20.69	30.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.75	19.61	30.00	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	18.88	17.74	30.00	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	18.91	17.77	30.00	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	18.87	17.73	30.00	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	18.82	17.68	30.00	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	18.67	17.53	30.00	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	18.79	17.65	30.00	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	18.65	17.51	30.00	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	18.61	17.47	30.00	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	18.68	17.54	30.00	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	18.76	17.62	30.00	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	18.71	17.57	30.00	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	18.61	17.47	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.70	22.56	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.74	22.60	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.69	22.55	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.80	21.66	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.68	22.54	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.57	22.43	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.52	22.38	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.60	21.46	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.78	22.64	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.65	22.51	30.00	PASS



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Band66	3MHz	QPSK	132657	1RB#14	23.57	22.43	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.74	21.60	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.76	21.62	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.95	21.81	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.84	21.70	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.92	20.78	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.57	21.43	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.76	21.62	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.78	21.64	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.62	20.48	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.77	21.63	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.86	21.72	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.71	21.57	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.73	20.59	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	22.07	20.93	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	22.07	20.93	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.93	20.79	30.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.86	19.72	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.75	20.61	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.96	20.82	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.62	20.48	30.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.66	19.52	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.88	20.74	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.95	20.81	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.88	20.74	30.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.74	19.60	30.00	PASS
Band66	3MHz	256QAM	131987	1RB#0	18.94	17.80	30.00	PASS
Band66	3MHz	256QAM	131987	1RB#8	18.98	17.84	30.00	PASS
Band66	3MHz	256QAM	131987	1RB#14	18.80	17.66	30.00	PASS
Band66	3MHz	256QAM	131987	15RB#0	18.80	17.66	30.00	PASS
Band66	3MHz	256QAM	132322	1RB#0	18.54	17.40	30.00	PASS
Band66	3MHz	256QAM	132322	1RB#8	18.81	17.67	30.00	PASS



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Band66	3MHz	256QAM	132322	15RB#0	18.51	17.37	30.00	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.62	17.48	30.00	PASS
Band66	3MHz	256QAM	132657	1RB#8	18.87	17.73	30.00	PASS
Band66	3MHz	256QAM	132657	1RB#14	18.74	17.60	30.00	PASS
Band66	3MHz	256QAM	132657	15RB#0	18.73	17.59	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.72	22.58	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.81	22.67	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.70	22.56	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.82	21.68	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.85	22.71	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.74	22.60	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.60	22.46	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.52	21.38	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.77	22.63	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.69	22.55	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.67	22.53	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.65	21.51	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.82	21.68	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.94	21.80	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.03	21.89	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.83	20.69	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.71	21.57	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.72	21.58	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.76	21.62	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.59	20.45	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.84	21.70	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.97	21.83	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.84	21.70	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.71	20.57	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.85	20.71	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.96	20.82	30.00	PASS



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Band66	5MHz	64QAM	131997	25RB#0	20.84	19.70	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.70	20.56	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.89	20.75	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	22.02	20.88	30.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.62	19.48	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.83	20.69	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.92	20.78	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.80	20.66	30.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.69	19.55	30.00	PASS
Band66	5MHz	256QAM	131997	1RB#0	18.76	17.62	30.00	PASS
Band66	5MHz	256QAM	131997	1RB#12	18.93	17.79	30.00	PASS
Band66	5MHz	256QAM	131997	1RB#24	18.92	17.78	30.00	PASS
Band66	5MHz	256QAM	131997	25RB#0	18.80	17.66	30.00	PASS
Band66	5MHz	256QAM	132322	1RB#0	18.50	17.36	30.00	PASS
Band66	5MHz	256QAM	132322	1RB#12	18.68	17.54	30.00	PASS
Band66	5MHz	256QAM	132322	1RB#24	18.84	17.70	30.00	PASS
Band66	5MHz	256QAM	132322	25RB#0	18.55	17.41	30.00	PASS
Band66	5MHz	256QAM	132647	1RB#0	18.77	17.63	30.00	PASS
Band66	5MHz	256QAM	132647	1RB#12	18.74	17.60	30.00	PASS
Band66	5MHz	256QAM	132647	1RB#24	18.74	17.60	30.00	PASS
Band66	5MHz	256QAM	132647	25RB#0	18.62	17.48	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.72	22.58	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.70	22.56	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.69	22.55	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.79	21.65	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.65	22.51	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.59	22.45	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.51	22.37	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.58	21.44	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.74	22.60	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.67	22.53	30.00	PASS



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Band66	10MHz	QPSK	132622	1RB#49	23.54	22.40	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.64	21.50	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.83	21.69	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.82	21.68	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.79	21.65	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.82	20.68	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.62	21.48	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.81	21.67	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.77	21.63	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.53	20.39	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.77	21.63	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.67	21.53	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.74	21.60	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.62	20.48	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.90	20.76	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.92	20.78	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.96	20.82	30.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.76	19.62	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.94	20.80	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.73	20.59	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.89	20.75	30.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.55	19.41	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.72	20.58	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.74	20.60	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.85	20.71	30.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.62	19.48	30.00	PASS
Band66	10MHz	256QAM	132022	1RB#0	18.69	17.55	30.00	PASS
Band66	10MHz	256QAM	132022	1RB#24	18.92	17.78	30.00	PASS
Band66	10MHz	256QAM	132022	1RB#49	18.79	17.65	30.00	PASS
Band66	10MHz	256QAM	132022	50RB#0	18.73	17.59	30.00	PASS
Band66	10MHz	256QAM	132322	1RB#0	18.58	17.44	30.00	PASS
Band66	10MHz	256QAM	132322	1RB#24	18.78	17.64	30.00	PASS



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Band66	10MHz	256QAM	132322	1RB#49	18.61	17.47	30.00	PASS
Band66	10MHz	256QAM	132322	50RB#0	18.56	17.42	30.00	PASS
Band66	10MHz	256QAM	132622	1RB#0	18.56	17.42	30.00	PASS
Band66	10MHz	256QAM	132622	1RB#24	18.77	17.63	30.00	PASS
Band66	10MHz	256QAM	132622	1RB#49	18.79	17.65	30.00	PASS
Band66	10MHz	256QAM	132622	50RB#0	18.59	17.45	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.43	22.29	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.50	22.36	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.86	22.72	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.61	21.47	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.77	22.63	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.68	22.54	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.52	22.38	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.46	21.32	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.63	22.49	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.51	22.37	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.40	22.26	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.49	21.35	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.63	21.49	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.64	21.50	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.61	21.47	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.56	20.42	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.49	21.35	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.64	21.50	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.61	21.47	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.48	20.34	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.23	21.09	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.52	21.38	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.56	21.42	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.55	20.41	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.52	20.38	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.54	20.40	30.00	PASS



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Band66	15MHz	64QAM	132047	1RB#74	21.50	20.36	30.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.59	19.45	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.38	20.24	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.67	20.53	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.64	20.50	30.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.45	19.31	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.40	20.26	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.56	20.42	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.87	20.73	30.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.51	19.37	30.00	PASS
Band66	15MHz	256QAM	132047	1RB#0	18.58	17.44	30.00	PASS
Band66	15MHz	256QAM	132047	1RB#38	18.65	17.51	30.00	PASS
Band66	15MHz	256QAM	132047	1RB#74	18.63	17.49	30.00	PASS
Band66	15MHz	256QAM	132047	75RB#0	18.58	17.44	30.00	PASS
Band66	15MHz	256QAM	132322	1RB#0	18.40	17.26	30.00	PASS
Band66	15MHz	256QAM	132322	1RB#38	18.31	17.17	30.00	PASS
Band66	15MHz	256QAM	132322	1RB#74	18.56	17.42	30.00	PASS
Band66	15MHz	256QAM	132322	75RB#0	18.40	17.26	30.00	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.42	17.28	30.00	PASS
Band66	15MHz	256QAM	132597	1RB#38	18.58	17.44	30.00	PASS
Band66	15MHz	256QAM	132597	1RB#74	18.64	17.50	30.00	PASS
Band66	15MHz	256QAM	132597	75RB#0	18.46	17.32	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.58	22.44	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.77	22.63	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.61	22.47	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.61	21.47	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.52	22.38	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.42	22.28	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.44	22.30	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.47	21.33	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.66	22.52	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.58	22.44	30.00	PASS



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Band66	20MHz	QPSK	132572	100RB#0	22.50	21.36	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.44	21.30	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.74	21.60	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.80	21.66	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.60	20.46	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.76	21.62	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.61	21.47	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.86	21.72	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.51	20.37	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.47	21.33	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.49	21.35	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.62	21.48	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.55	20.41	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.62	20.48	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.69	20.55	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.86	20.72	30.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.64	19.50	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.36	20.22	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.91	20.77	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.74	20.60	30.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.47	19.33	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.45	20.31	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.52	20.38	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.51	20.37	30.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.46	19.32	30.00	PASS
Band66	20MHz	256QAM	132072	1RB#0	18.46	17.32	30.00	PASS
Band66	20MHz	256QAM	132072	1RB#49	18.63	17.49	30.00	PASS
Band66	20MHz	256QAM	132072	1RB#99	18.72	17.58	30.00	PASS
Band66	20MHz	256QAM	132072	100RB#0	18.65	17.51	30.00	PASS
Band66	20MHz	256QAM	132322	1RB#0	18.53	17.39	30.00	PASS
Band66	20MHz	256QAM	132322	1RB#49	18.57	17.43	30.00	PASS



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Band66	20MHz	256QAM	132322	100RB#0	18.43	17.29	30.00	PASS
Band66	20MHz	256QAM	132572	1RB#0	18.44	17.30	30.00	PASS
Band66	20MHz	256QAM	132572	1RB#49	18.58	17.44	30.00	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.65	17.51	30.00	PASS
Band66	20MHz	256QAM	132572	100RB#0	18.55	17.41	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	5.04	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.72	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.48	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.82	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.72	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.54	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.22	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.12	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	5.94	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	6.42	13	PASS
Band66	20MHz	256QAM	132322	100RB#0	6.40	13	PASS
Band66	20MHz	256QAM	132572	100RB#0	6.36	13	PASS



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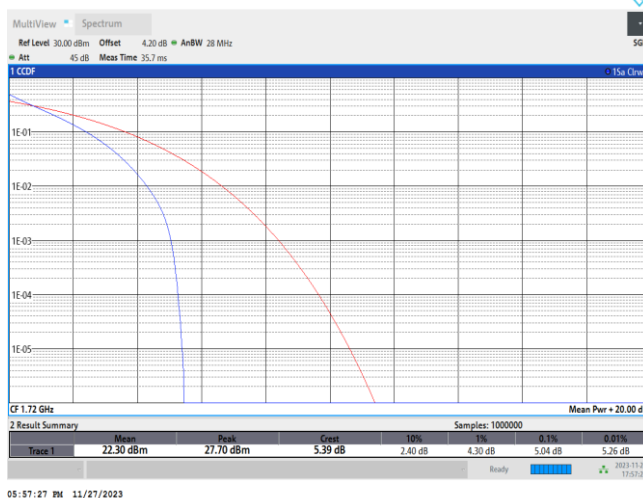
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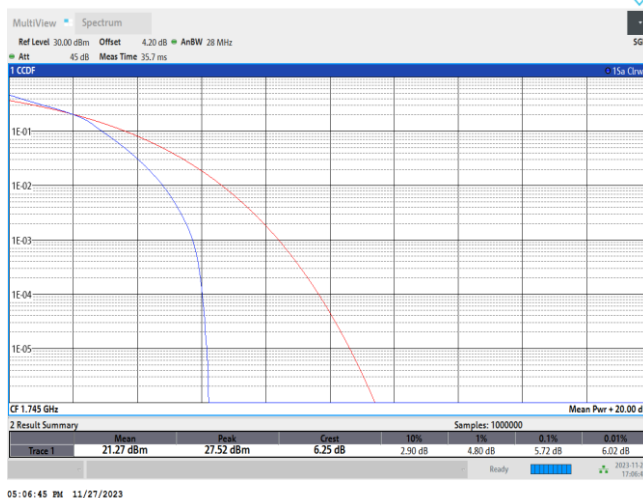
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Test Graphs

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



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



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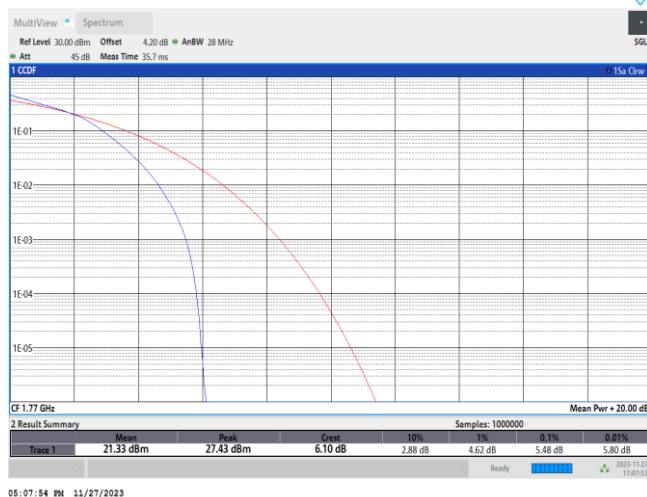
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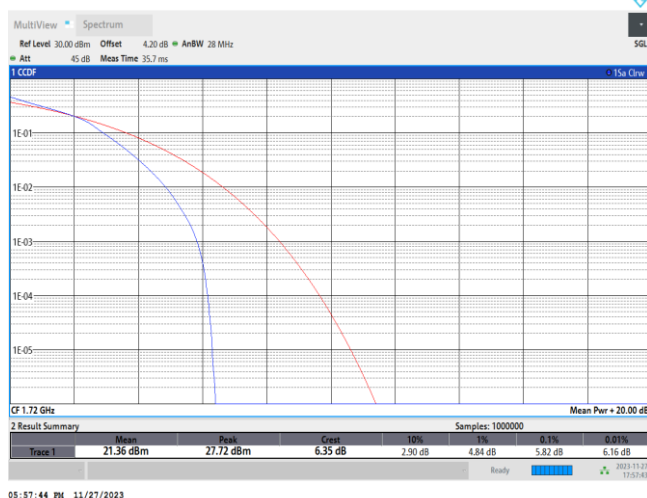
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Band66-20MHz-QPSK-132572-100RB#0



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



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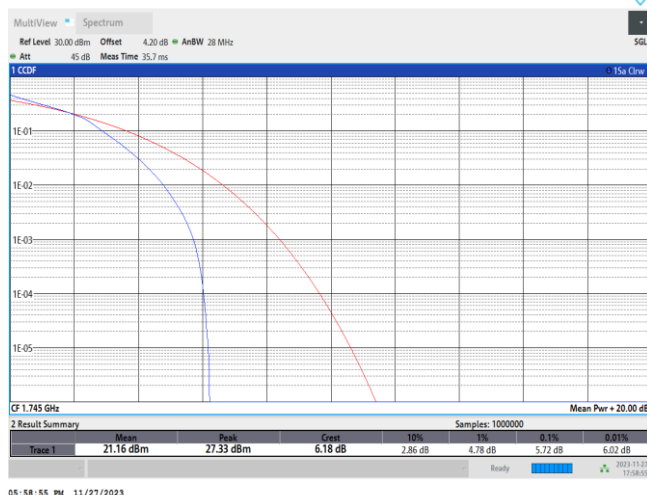
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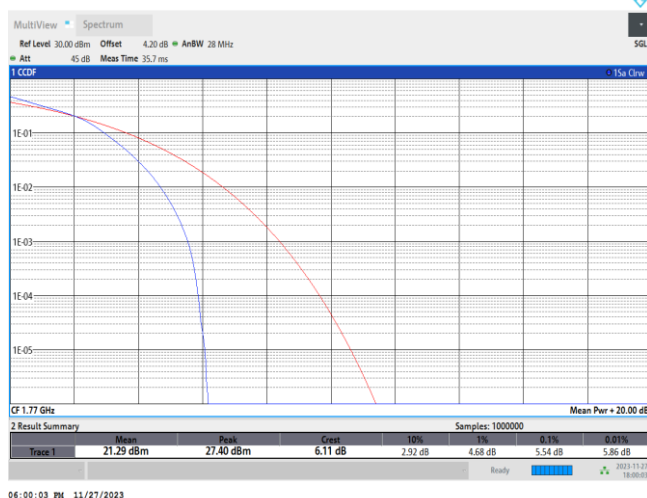
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Band66-20MHz-16QAM-132322-100RB#0



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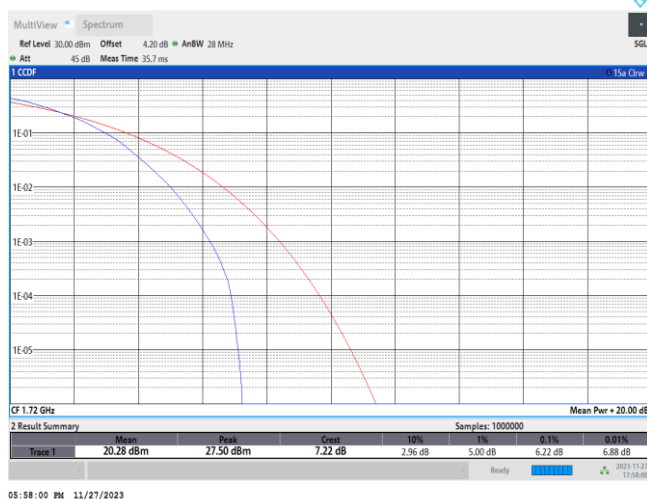
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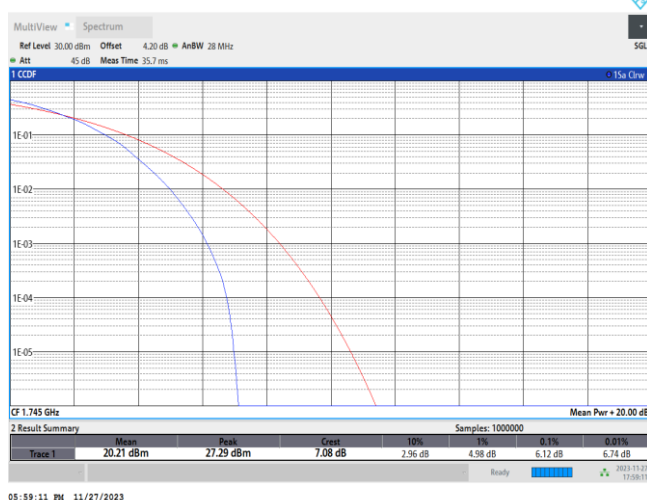
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Band66-20MHz-64QAM-132072-100RB#0



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



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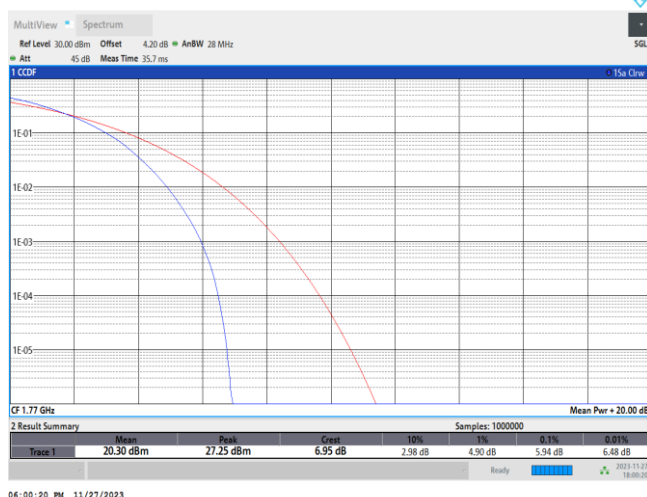
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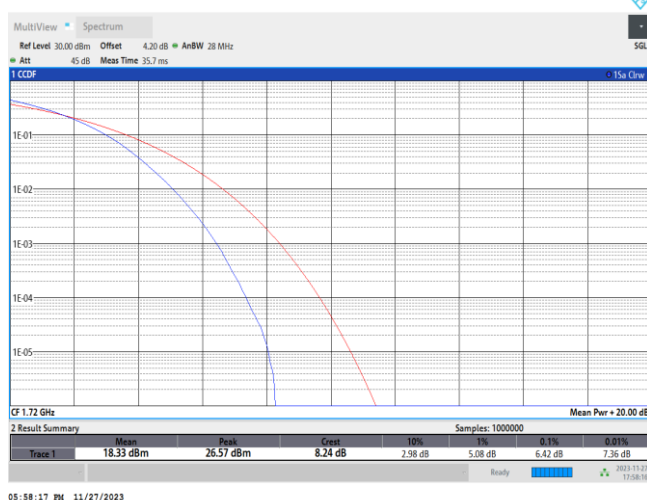
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Band66-20MHz-64QAM-132572-100RB#0



Band66-20MHz-256QAM-132072-100RB#0



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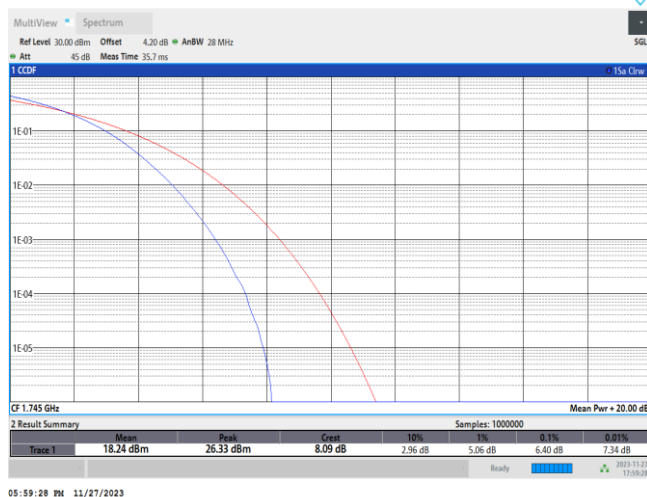
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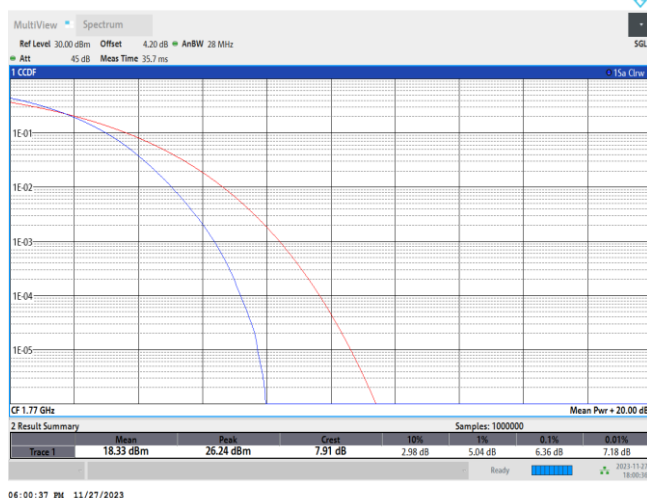
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Band66-20MHz-256QAM-132322-100RB#0



Band66-20MHz-256QAM-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	1.097	1.34	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.108	1.39	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.095	1.34	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	1.11	1.37	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.704	3.01	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.684	2.98	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.687	2.98	PASS
Band66	3MHz	256QAM	132322	15RB#0	2.694	3.02	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.465	4.98	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.478	5.03	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.477	5.03	PASS
Band66	5MHz	256QAM	132322	25RB#0	4.483	4.97	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.959	9.82	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.959	10.06	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.933	9.66	PASS
Band66	10MHz	256QAM	132322	50RB#0	8.953	9.64	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.448	14.76	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.452	14.94	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.487	14.64	PASS
Band66	15MHz	256QAM	132322	75RB#0	13.473	14.64	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.879	19.36	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.943	19.40	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.865	19.88	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.941	19.72	PASS



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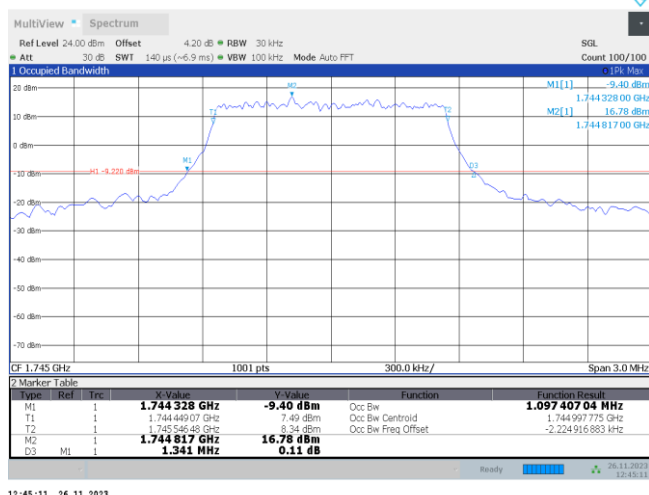
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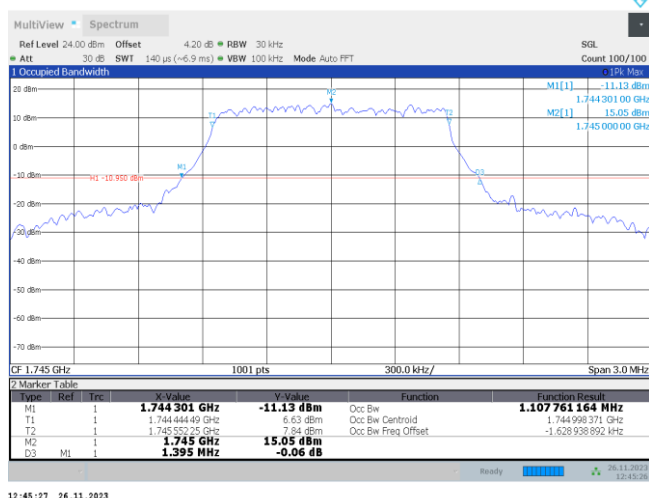
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Test Graphs

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



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



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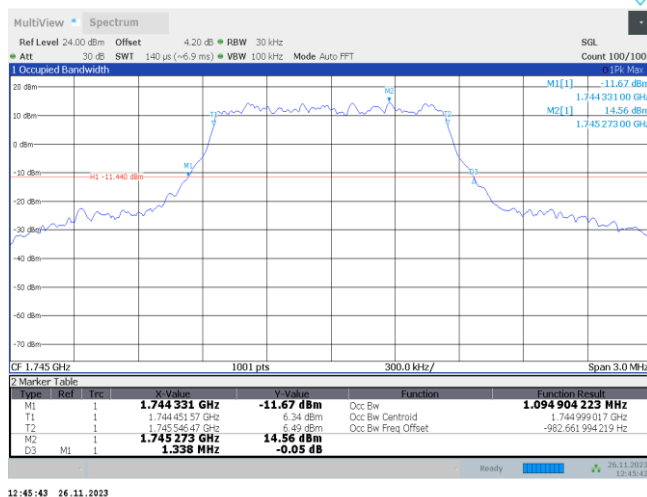
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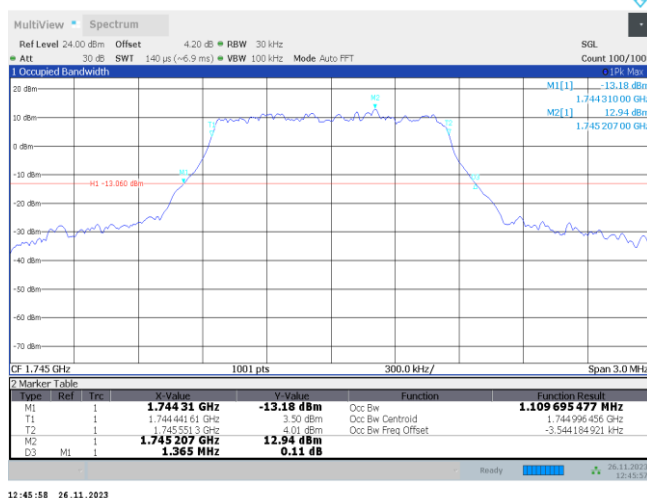
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Band66-1.4MHz-64QAM-132322-6RB#0



Band66-1.4MHz-256QAM-132322-6RB#0



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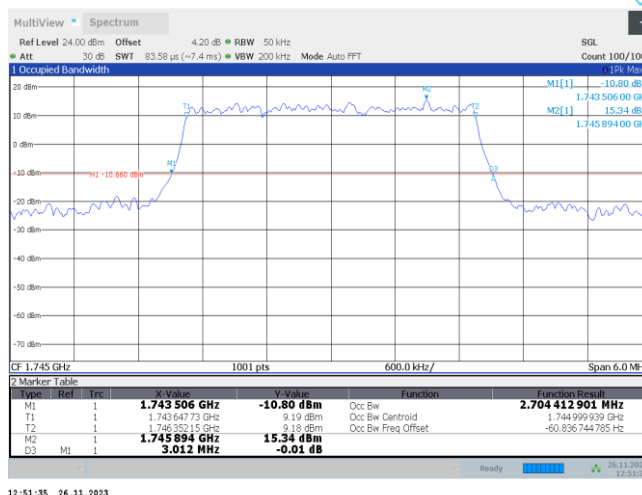
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Band66-3MHz-16QAM-132322-15RB#0



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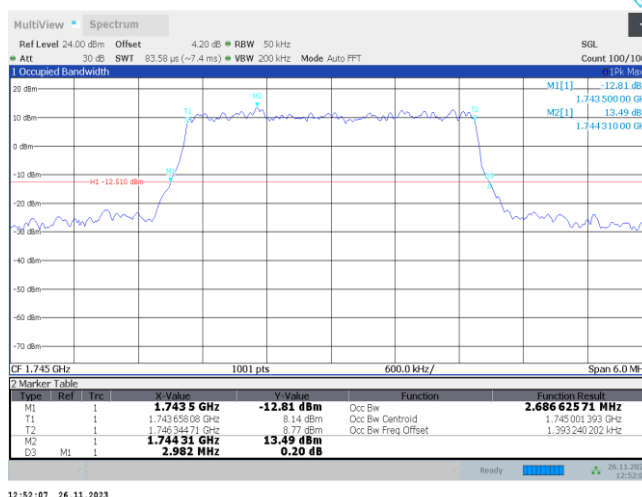
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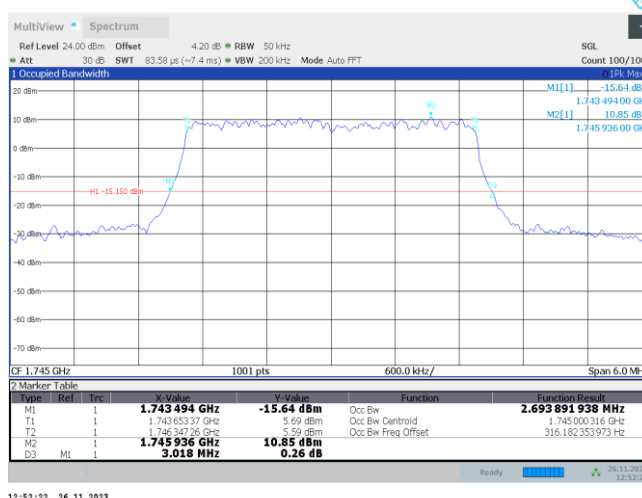
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Band66-3MHz-64QAM-132322-15RB#0



Band66-3MHz-256QAM-132322-15RB#0



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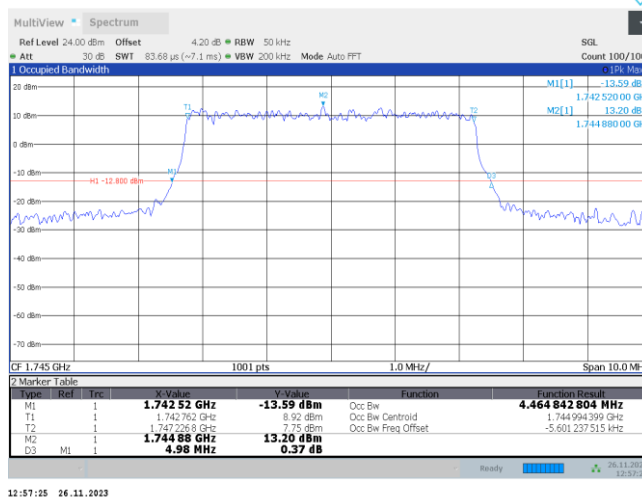
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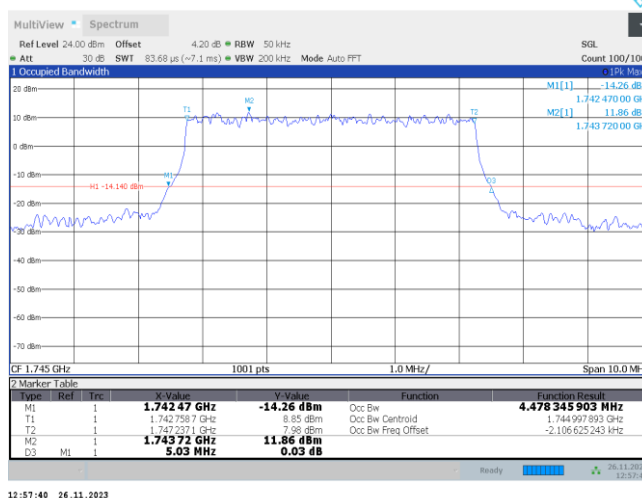
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Band66-5MHz-QPSK-132322-25RB#0



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



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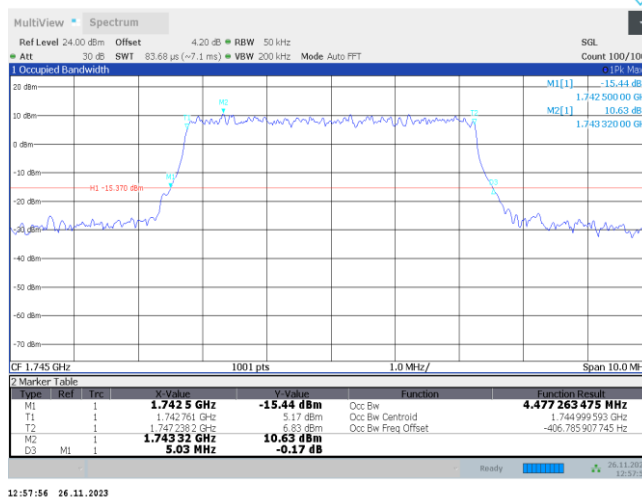
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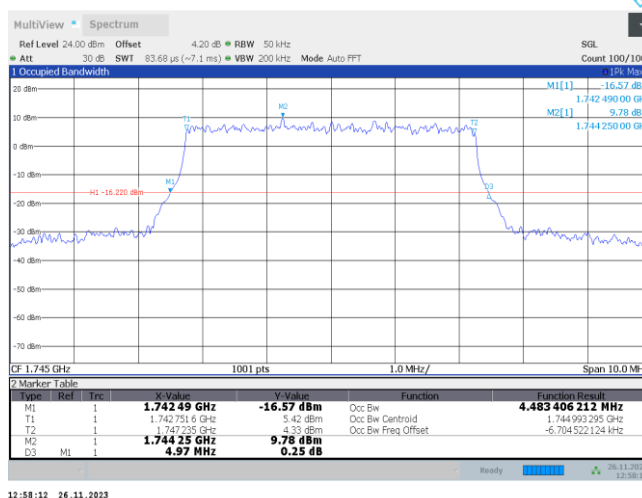
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Band66-5MHz-64QAM-132322-25RB#0



Band66-5MHz-256QAM-132322-25RB#0



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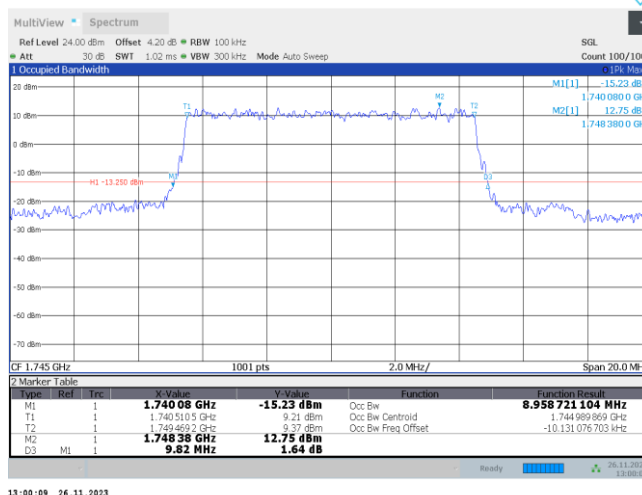
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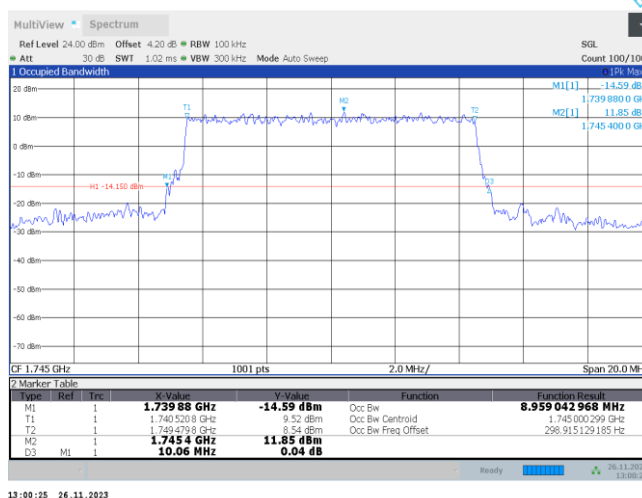
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Band66-10MHz-QPSK-132322-50RB#0



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



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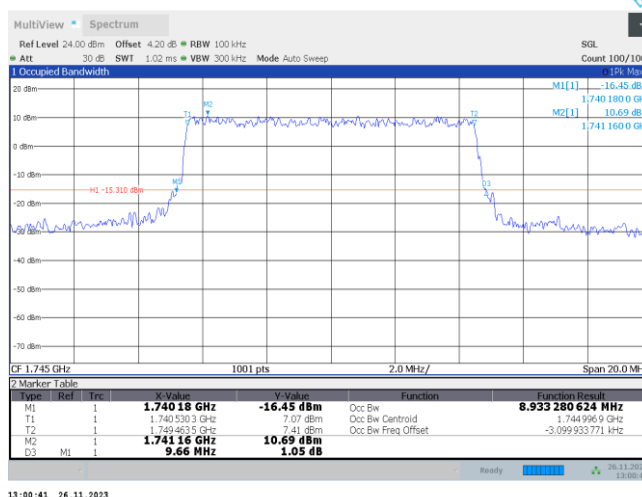
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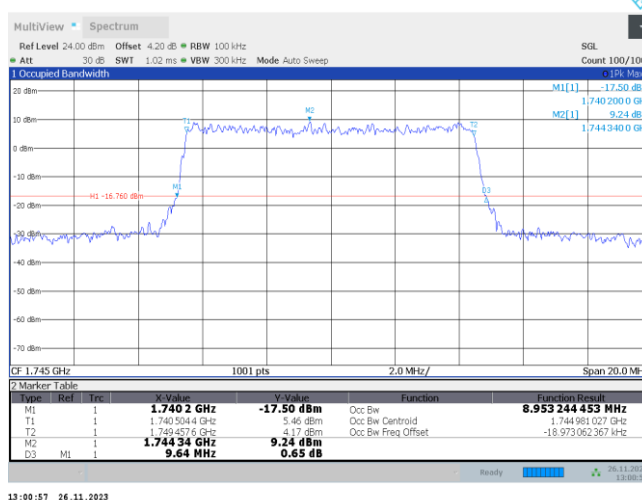
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Band66-10MHz-64OAM-132322-50RB#0



Band66-10MHz-256QAM-132322-50RB#0



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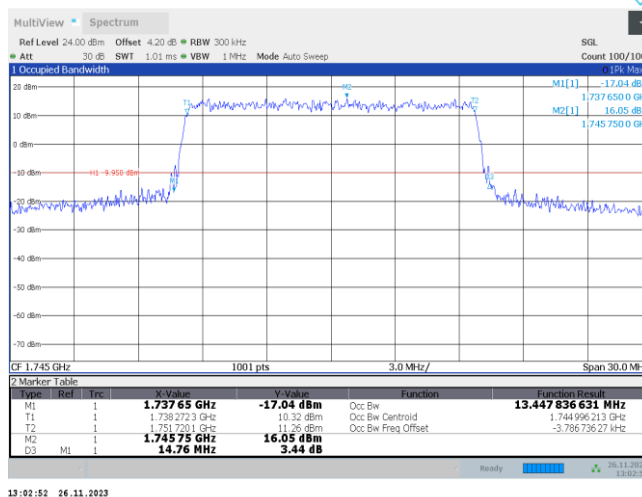
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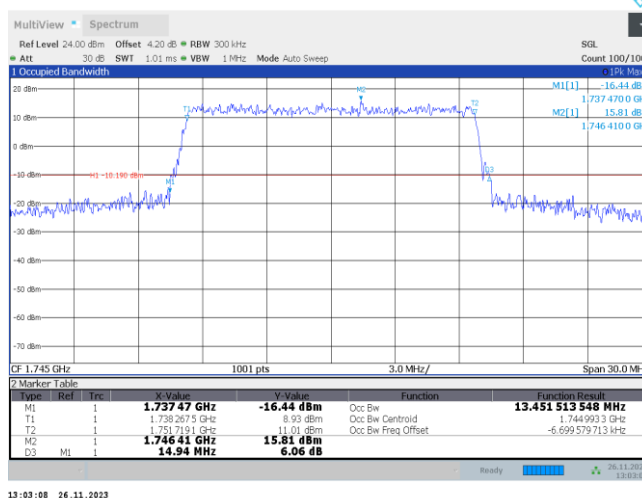
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Band66-15MHz-QPSK-132322-75RB#0



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



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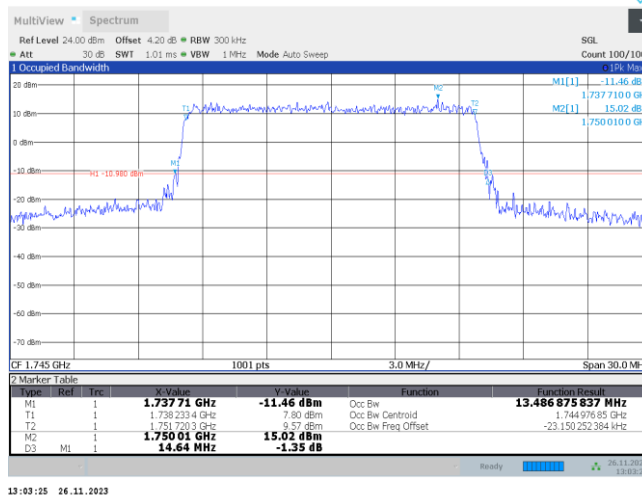
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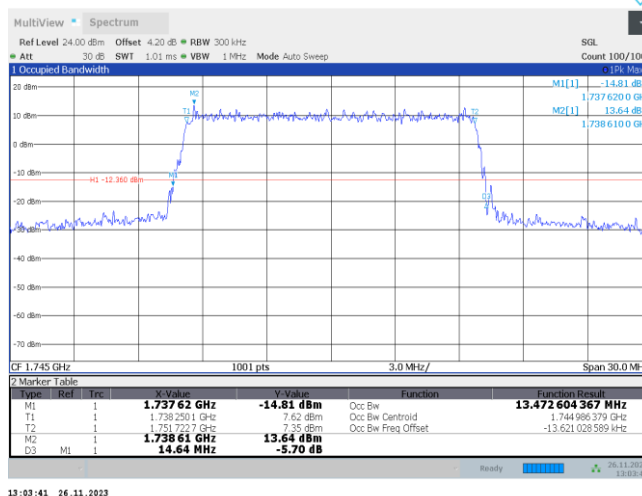
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Band66-15MHz-64QAM-132322-75RB#0



Band66-15MHz-256QAM-132322-75RB#0



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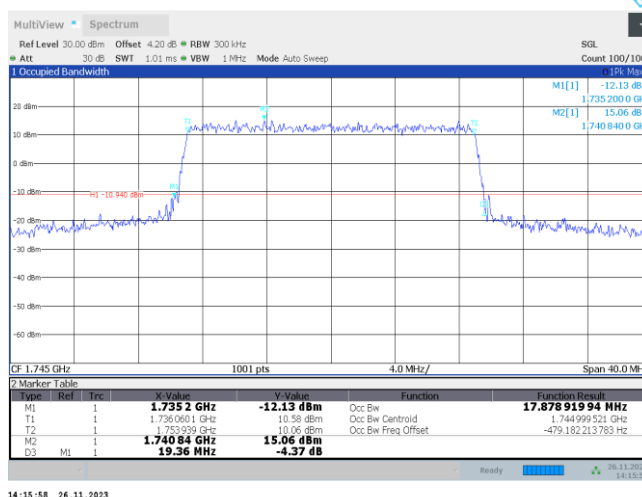
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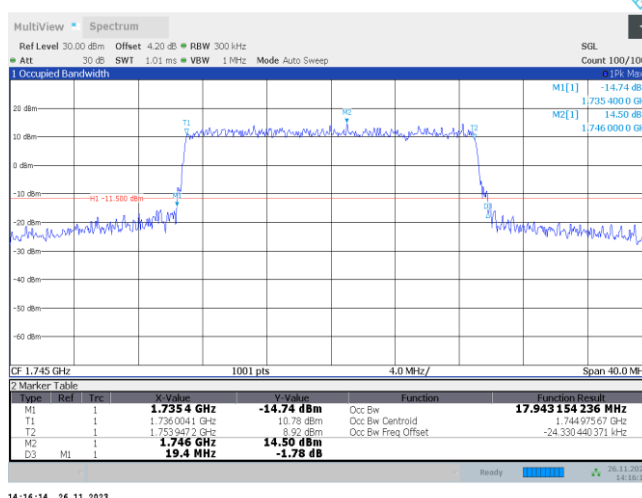
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Band66-20MHz-16QAM-132322-100RB#0



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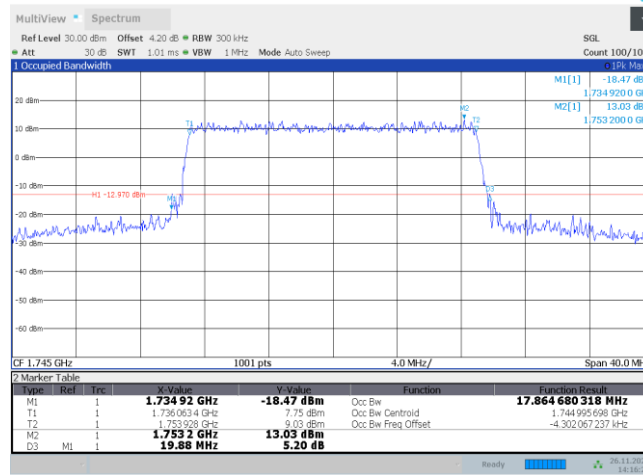
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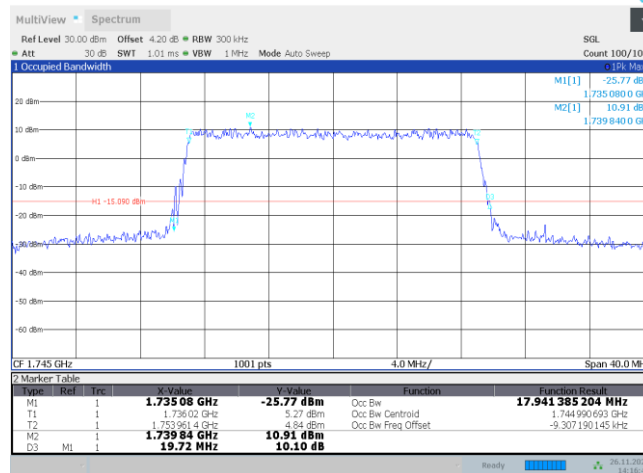
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Band66-20MHz-256QAM-132322-100RB#0



14:14:47 26.11.2023



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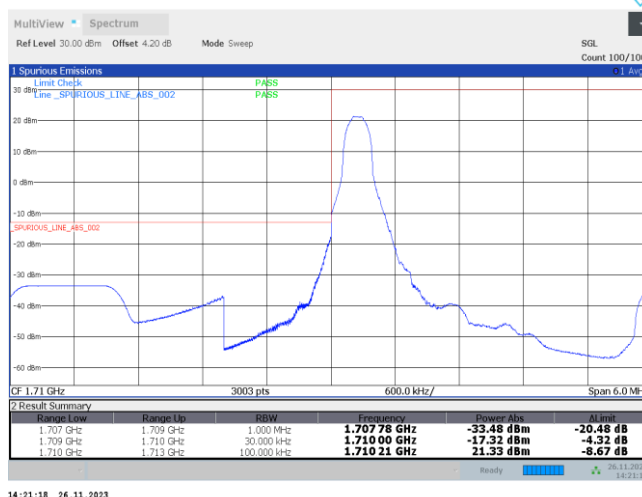
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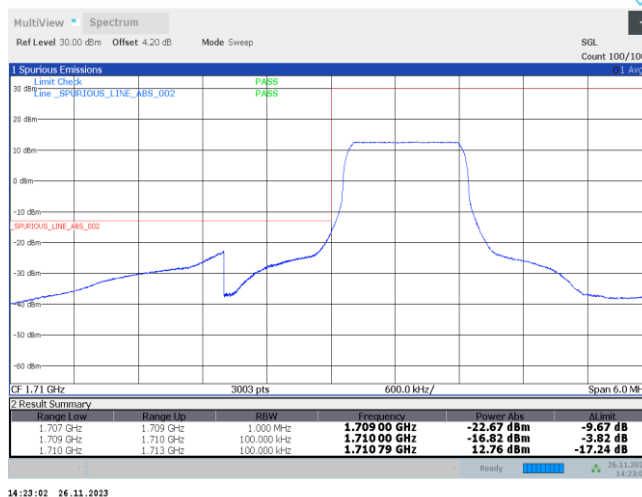
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Test Graphs

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



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



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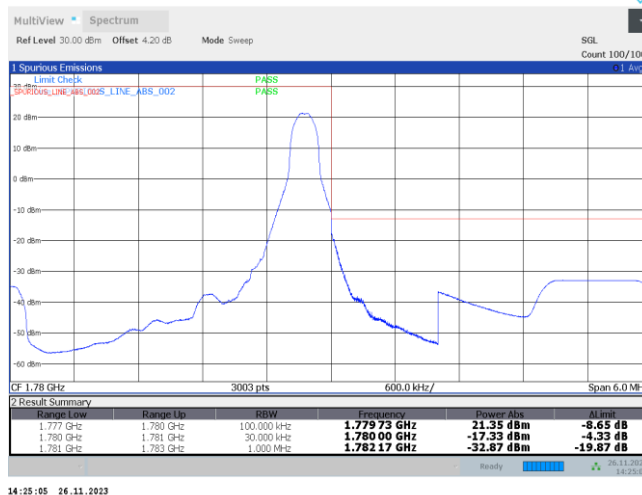
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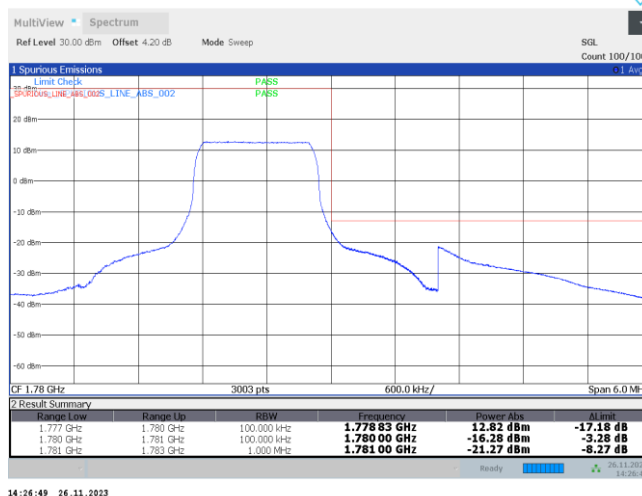
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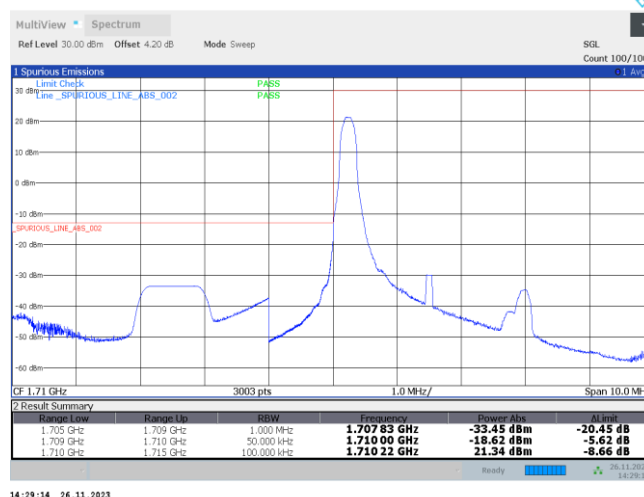
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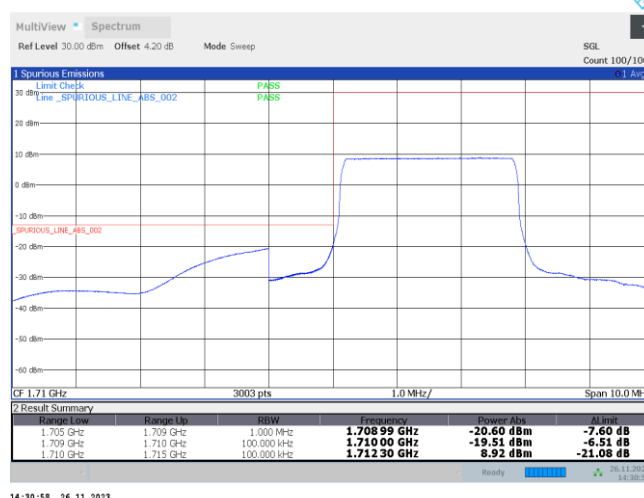
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Band66-3MHz-QPSK-131987-1RB#0



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



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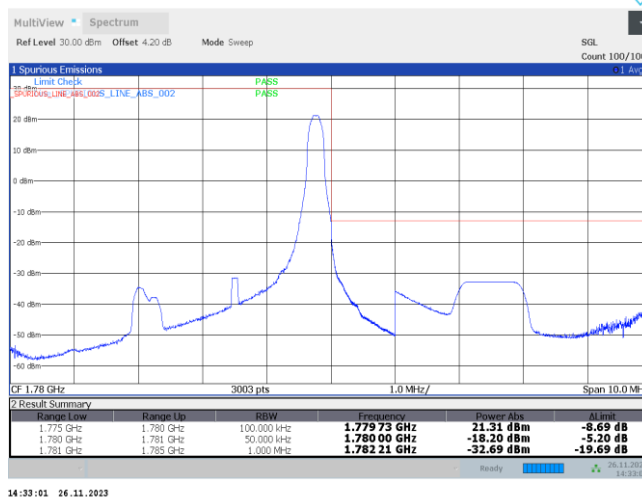
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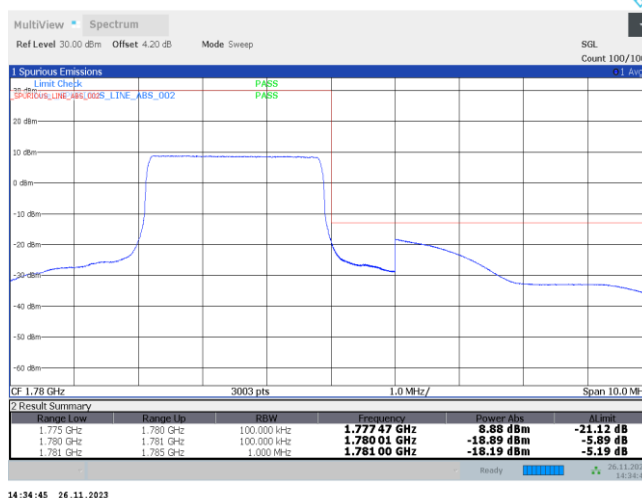
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Band66-3MHz-QPSK-132657-1RB#14



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



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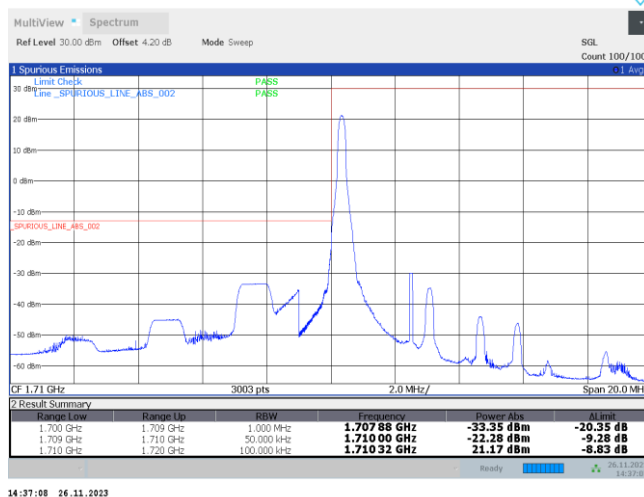
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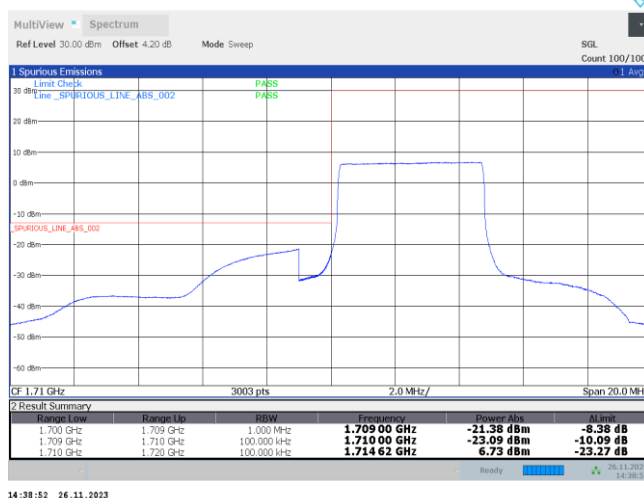
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Band66-5MHz-QPSK-131997-1RB#0



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



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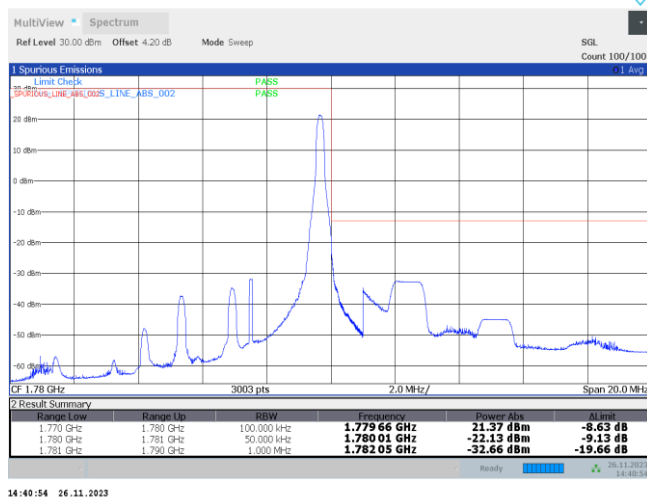
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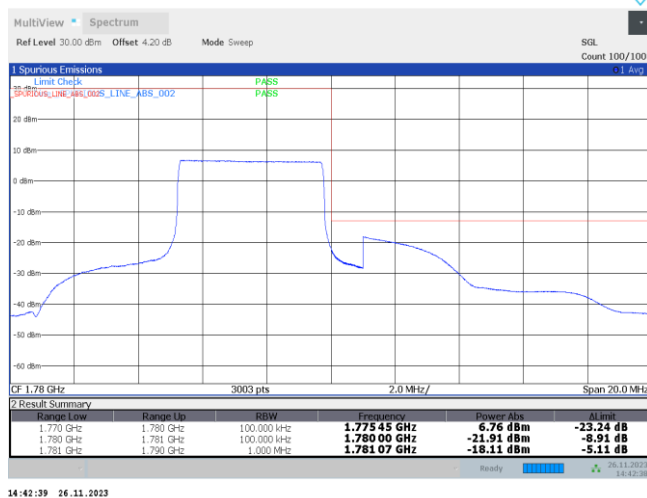
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Band66-5MHz-QPSK-132647-1RB#24



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



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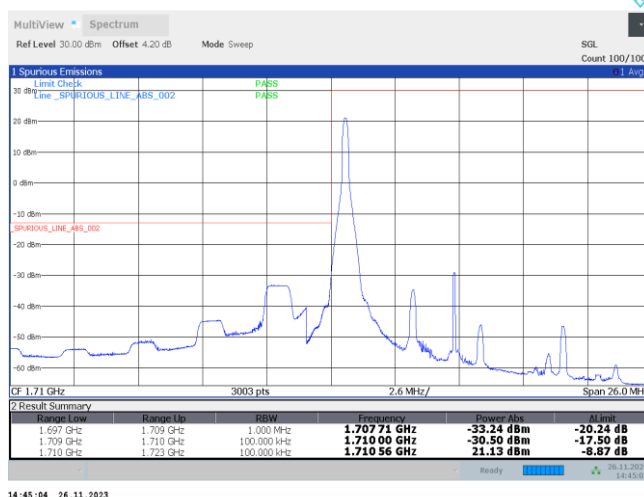
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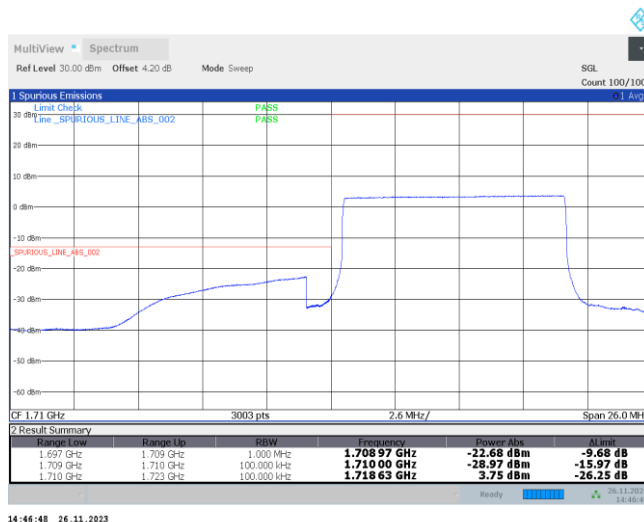
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Band66-10MHz-QPSK-132022-1RB#0



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



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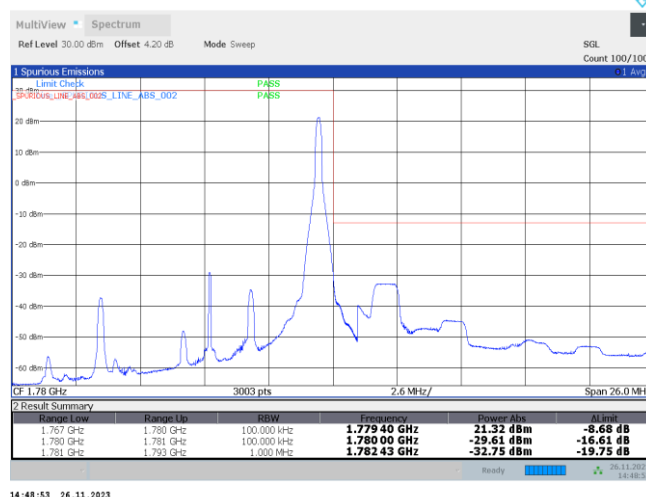
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Band66-10MHz-QPSK-132622-1RB#49



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



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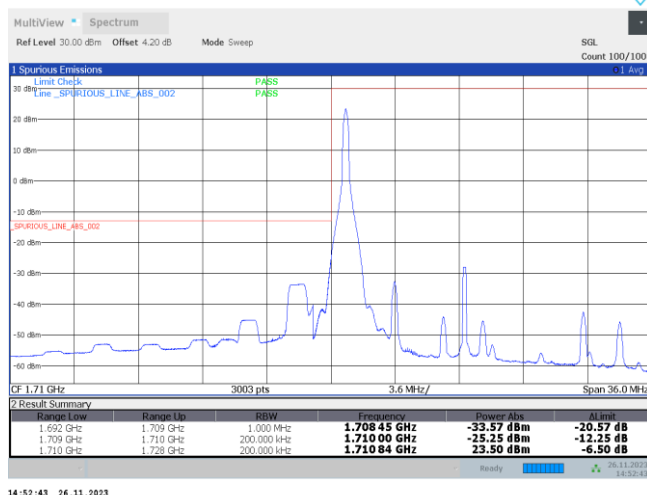
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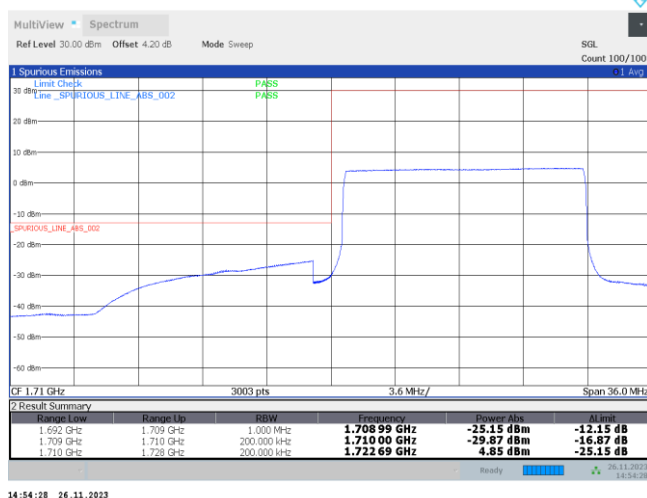
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Band66-15MHz-QPSK-132047-1RB#0



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



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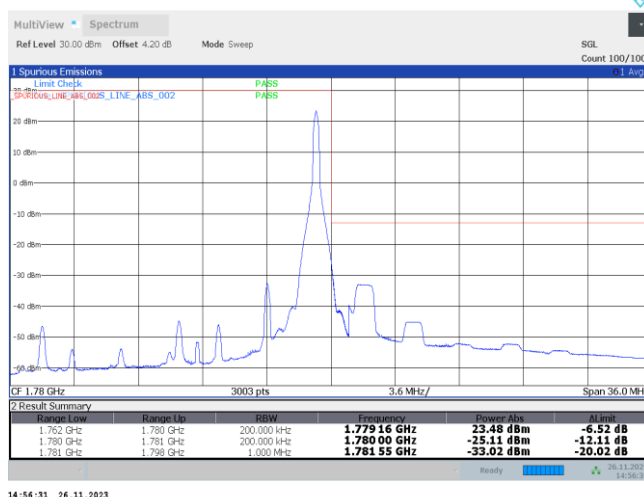
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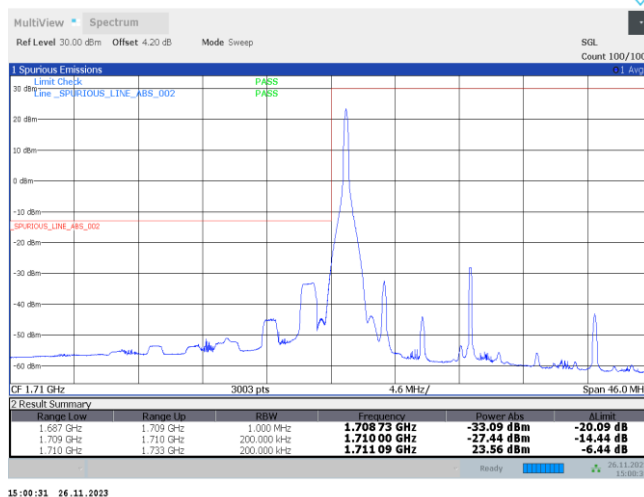
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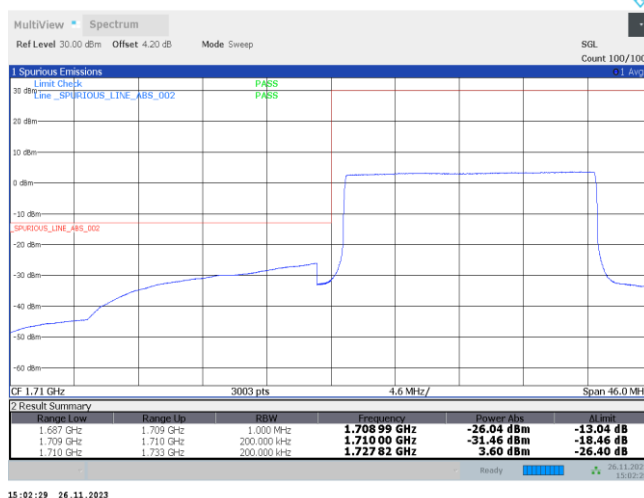
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Band66-20MHz-QPSK-132072-100RB#0



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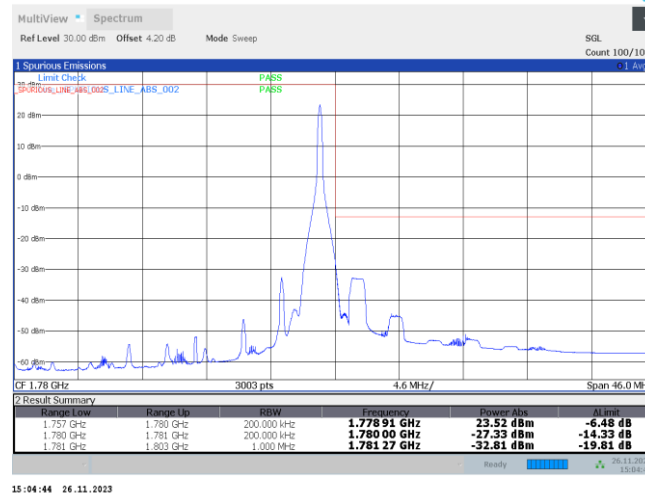
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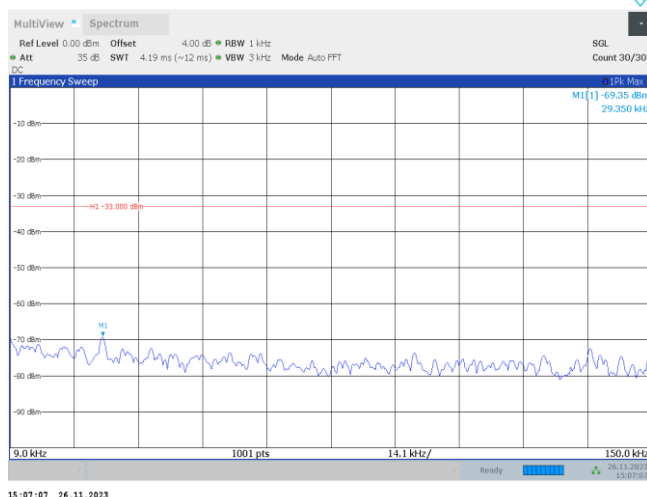
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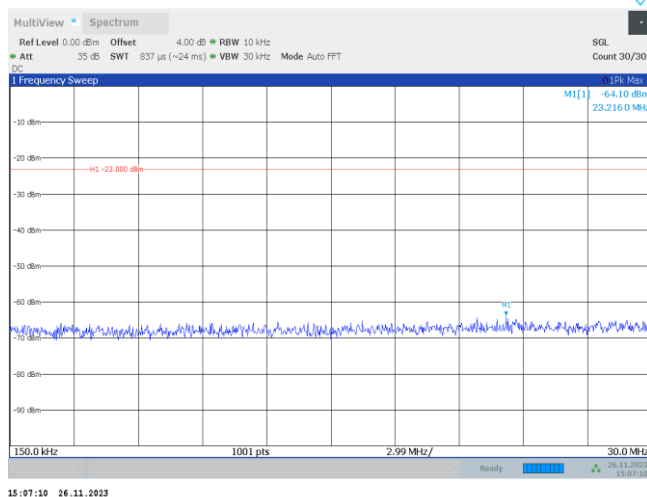
Conducted Spurious Emission

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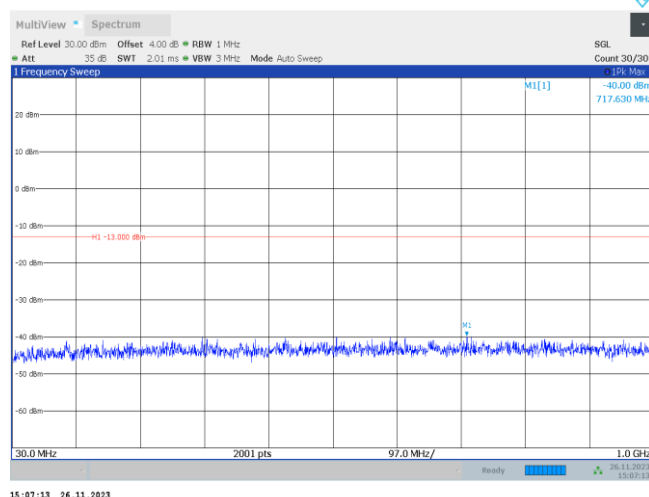
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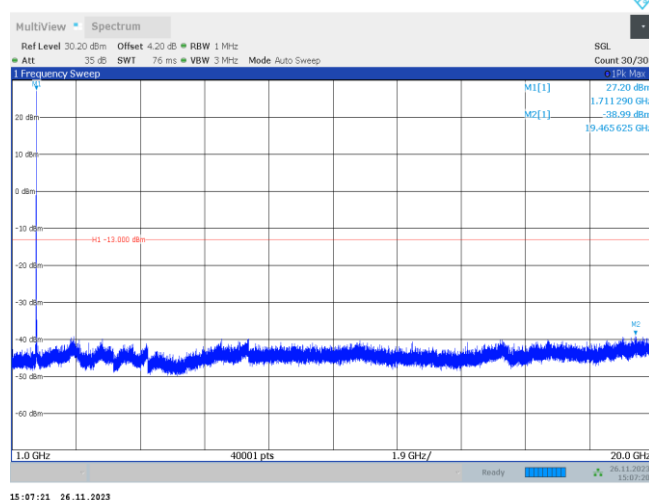
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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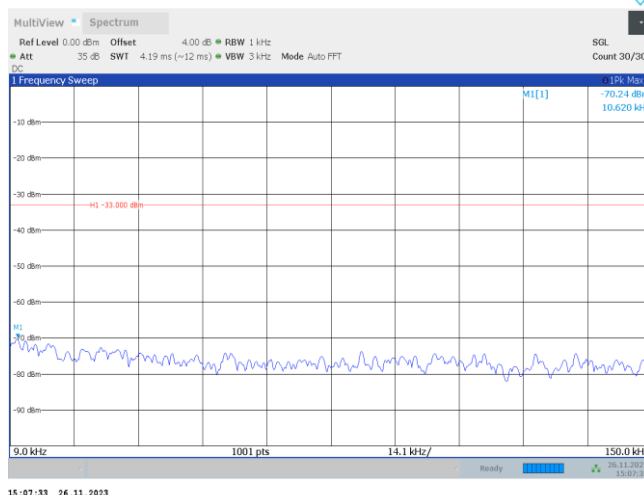
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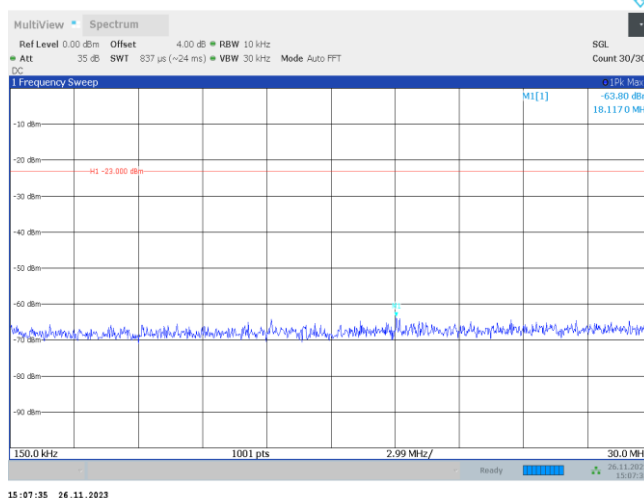
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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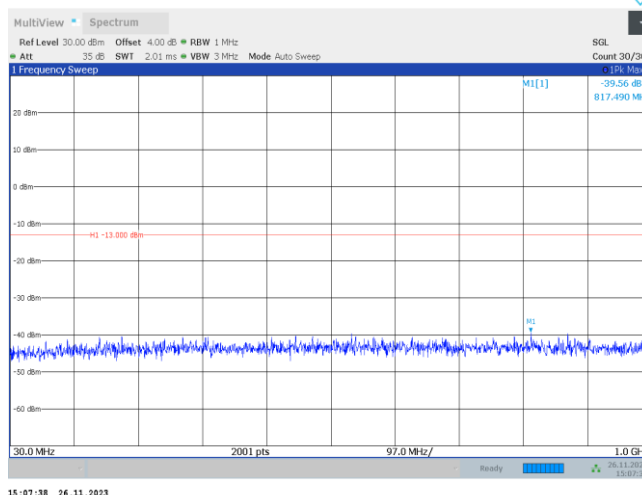
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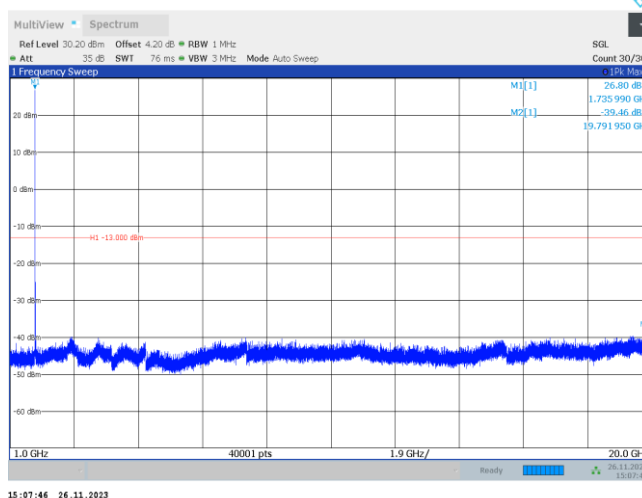
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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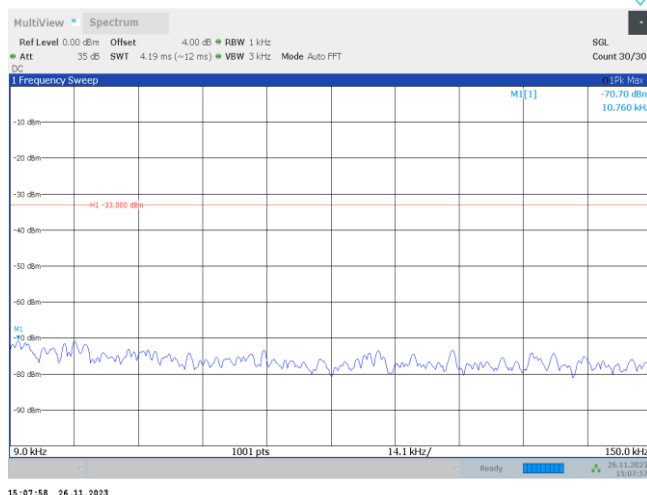
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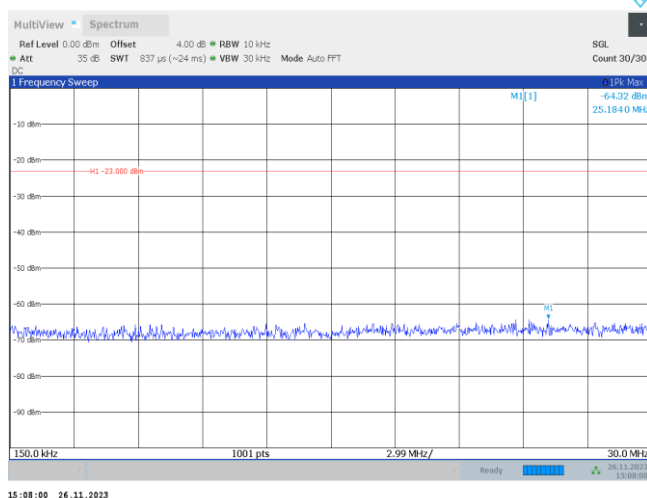
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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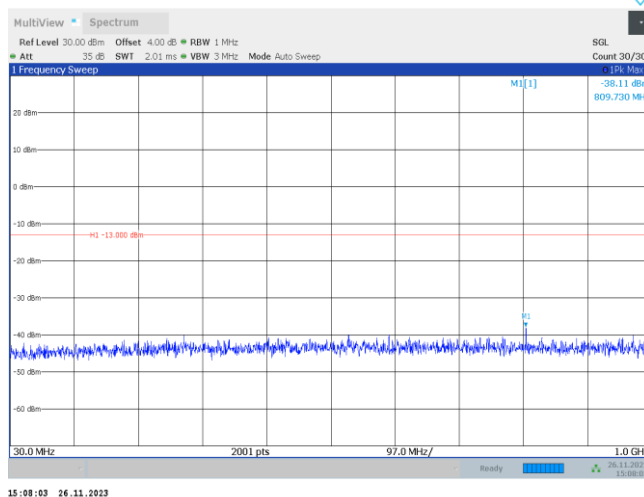
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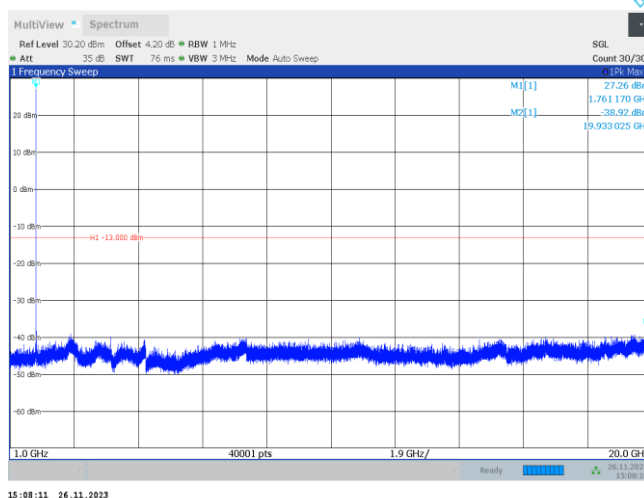
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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	38.59	-46.28	28.54	-74.41	-13.00	61.41	Horizontal
2	5106.2700	38.61	-45.36	31.66	-70.36	-13.00	57.36	Horizontal
3	6808.3600	38.41	-44.16	34.86	-66.16	-13.00	53.16	Horizontal
4	8510.4500	35.88	-41.59	36.54	-64.42	-13.00	51.42	Horizontal
5	10212.5400	29.96	-39.45	38.31	-66.44	-13.00	53.44	Horizontal
6	11914.6300	25.25	-37.18	38.79	-68.40	-13.00	55.40	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	41.50	-46.28	28.54	-71.50	-13.00	58.50	Vertical
2	5106.2700	39.04	-45.36	31.66	-69.93	-13.00	56.93	Vertical
3	6808.3600	38.31	-44.16	34.86	-66.26	-13.00	53.26	Vertical
4	8510.4500	34.24	-41.59	36.54	-66.06	-13.00	53.06	Vertical
5	10212.5400	29.78	-39.45	38.31	-66.62	-13.00	53.62	Vertical
6	11914.6300	25.16	-37.18	38.79	-68.49	-13.00	55.49	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	40.17	-46.27	28.57	-72.79	-13.00	59.79	Horizontal
2	5181.2700	37.93	-45.30	31.84	-70.79	-13.00	57.79	Horizontal
3	6908.3600	37.39	-44.05	35.04	-66.88	-13.00	53.88	Horizontal
4	8635.4500	34.10	-41.46	36.48	-66.14	-13.00	53.14	Horizontal
5	10362.5400	30.62	-39.04	38.38	-65.30	-13.00	52.30	Horizontal
6	12089.6300	26.16	-37.37	38.83	-67.64	-13.00	54.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	41.26	-46.27	28.57	-71.70	-13.00	58.70	Vertical
2	5181.2700	38.79	-45.30	31.84	-69.93	-13.00	56.93	Vertical
3	6908.3600	37.97	-44.05	35.04	-66.30	-13.00	53.30	Vertical
4	8635.4500	34.97	-41.46	36.48	-65.27	-13.00	52.27	Vertical
5	10362.5400	30.07	-39.04	38.38	-65.85	-13.00	52.85	Vertical
6	12089.6300	25.86	-37.37	38.83	-67.94	-13.00	54.94	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	41.32	-46.25	28.60	-71.59	-13.00	58.59	Horizontal
2	5256.2700	38.85	-45.17	32.02	-69.57	-13.00	56.57	Horizontal
3	7008.3600	37.31	-43.61	35.22	-66.33	-13.00	53.33	Horizontal
4	8760.4500	34.24	-41.42	36.42	-66.02	-13.00	53.02	Horizontal
5	10512.5400	29.08	-38.76	38.46	-66.48	-13.00	53.48	Horizontal
6	12262.6300	26.17	-37.44	38.88	-67.65	-13.00	54.65	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.76	-46.25	28.60	-71.15	-13.00	58.15	Vertical
2	5256.2700	39.29	-45.17	32.02	-69.13	-13.00	56.13	Vertical
3	7008.3600	37.91	-43.61	35.22	-65.73	-13.00	52.73	Vertical
4	8760.4500	34.48	-41.42	36.42	-65.78	-13.00	52.78	Vertical
5	10512.5400	29.60	-38.76	38.46	-65.96	-13.00	52.96	Vertical
6	12262.6300	26.28	-37.44	38.88	-67.54	-13.00	54.54	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

2) All antennas of RSE are tested, and only the worst data is presented.



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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	0.60	0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-1.30	-0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-0.80	-0.000458	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-1.00	-0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-1.10	-0.000630	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.30	-0.000172	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-0.50	-0.000287	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-1.10	-0.000630	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-0.90	-0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-1.50	-0.000860	PASS

---End of Attachment---



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