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Appendix B.18

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.97	25.44	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.91	25.38	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.89	25.36	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.96	24.43	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.89	25.36	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.79	25.26	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.82	25.29	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.8	24.27	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.74	25.21	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.86	25.33	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.78	25.25	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.9	24.37	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.15	24.62	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.09	24.56	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	23.02	24.49	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.96	23.43	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	23.04	24.51	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.07	24.54	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	23.07	24.54	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.77	23.24	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.93	24.4	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.95	24.42	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.97	24.44	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.89	23.36	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	22.05	23.52	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	22.08	23.55	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	22.02	23.49	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	20.95	22.42	30	PASS



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Band66	1.4MHz	64QAM	132322	1RB#0	22.08	23.55	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	22.01	23.48	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.99	23.46	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.95	22.42	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	22.02	23.49	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	22.03	23.5	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	22.01	23.48	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.98	22.45	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	18.95	20.42	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	18.92	20.39	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	18.83	20.3	30	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	18.99	20.46	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	18.91	20.38	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	18.98	20.45	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	18.92	20.39	30	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	18.79	20.26	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	18.97	20.44	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	18.88	20.35	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	18.9	20.37	30	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	18.9	20.37	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.92	25.39	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.02	25.49	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	24	25.47	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.98	24.45	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.93	25.4	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.85	25.32	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.75	25.22	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.93	24.4	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.87	25.34	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.96	25.43	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.81	25.28	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.85	24.32	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.99	24.46	30	PASS



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Band66	3MHz	16QAM	131987	1RB#8	23.14	24.61	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.11	24.58	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	22	23.47	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.02	24.49	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.97	24.44	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.92	24.39	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.9	23.37	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.97	24.44	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.99	24.46	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.97	24.44	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.83	23.3	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	22.16	23.63	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	22.15	23.62	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	22.03	23.5	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	21	22.47	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.95	23.42	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	22.08	23.55	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	22.07	23.54	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.85	22.32	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	22.05	23.52	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	22.17	23.64	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.97	23.44	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.9	22.37	30	PASS
Band66	3MHz	256QAM	131987	1RB#0	18.97	20.44	30	PASS
Band66	3MHz	256QAM	131987	1RB#8	19.05	20.52	30	PASS
Band66	3MHz	256QAM	131987	1RB#14	19.02	20.49	30	PASS
Band66	3MHz	256QAM	131987	15RB#0	19	20.47	30	PASS
Band66	3MHz	256QAM	132322	1RB#0	18.9	20.37	30	PASS
Band66	3MHz	256QAM	132322	1RB#8	19.1	20.57	30	PASS
Band66	3MHz	256QAM	132322	1RB#14	19.08	20.55	30	PASS
Band66	3MHz	256QAM	132322	15RB#0	18.93	20.4	30	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.94	20.41	30	PASS
Band66	3MHz	256QAM	132657	1RB#8	19.11	20.58	30	PASS



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Band66	3MHz	256QAM	132657	1RB#14	19.01	20.48	30	PASS
Band66	3MHz	256QAM	132657	15RB#0	18.83	20.3	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.87	25.34	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.13	25.6	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.91	25.38	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.99	24.46	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.87	25.34	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.85	25.32	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.83	25.3	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.92	24.39	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.83	25.3	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.93	25.4	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.94	25.41	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.93	24.4	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.11	24.58	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.23	24.7	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.98	24.45	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.99	23.46	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.9	24.37	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.91	24.38	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.07	24.54	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.88	23.35	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.89	24.36	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.12	24.59	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	23	24.47	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.91	23.38	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	22.13	23.6	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	22.1	23.57	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	22.04	23.51	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	21.02	22.49	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.92	23.39	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	22.24	23.71	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	22.12	23.59	30	PASS



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Band66	5MHz	64QAM	132322	25RB#0	20.92	22.39	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.91	23.38	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	22.04	23.51	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	22.02	23.49	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.86	22.33	30	PASS
Band66	5MHz	256QAM	131997	1RB#0	19.04	20.51	30	PASS
Band66	5MHz	256QAM	131997	1RB#12	19.19	20.66	30	PASS
Band66	5MHz	256QAM	131997	1RB#24	19.23	20.7	30	PASS
Band66	5MHz	256QAM	131997	25RB#0	19.02	20.49	30	PASS
Band66	5MHz	256QAM	132322	1RB#0	18.8	20.27	30	PASS
Band66	5MHz	256QAM	132322	1RB#12	18.94	20.41	30	PASS
Band66	5MHz	256QAM	132322	1RB#24	19.1	20.57	30	PASS
Band66	5MHz	256QAM	132322	25RB#0	18.92	20.39	30	PASS
Band66	5MHz	256QAM	132647	1RB#0	18.81	20.28	30	PASS
Band66	5MHz	256QAM	132647	1RB#12	19.06	20.53	30	PASS
Band66	5MHz	256QAM	132647	1RB#24	19.08	20.55	30	PASS
Band66	5MHz	256QAM	132647	25RB#0	18.9	20.37	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.83	25.3	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	24.01	25.48	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.98	25.45	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.01	24.48	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.97	25.44	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.83	25.3	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.86	25.33	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.93	24.4	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.78	25.25	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.87	25.34	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.85	25.32	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.82	24.29	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.05	24.52	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.02	24.49	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.05	24.52	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	22.02	23.49	30	PASS



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Band66	10MHz	16QAM	132322	1RB#0	22.88	24.35	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.89	24.36	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.95	24.42	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.82	23.29	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	23	24.47	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.06	24.53	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.98	24.45	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.86	23.33	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	22.12	23.59	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	22.08	23.55	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	22.14	23.61	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	21.01	22.48	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.87	23.34	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	22.14	23.61	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	22.16	23.63	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.91	22.38	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.86	23.33	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	22.06	23.53	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	22.09	23.56	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.84	22.31	30	PASS
Band66	10MHz	256QAM	132022	1RB#0	18.9	20.37	30	PASS
Band66	10MHz	256QAM	132022	1RB#24	19.05	20.52	30	PASS
Band66	10MHz	256QAM	132022	1RB#49	19.05	20.52	30	PASS
Band66	10MHz	256QAM	132022	50RB#0	19.01	20.48	30	PASS
Band66	10MHz	256QAM	132322	1RB#0	18.81	20.28	30	PASS
Band66	10MHz	256QAM	132322	1RB#24	19.14	20.61	30	PASS
Band66	10MHz	256QAM	132322	1RB#49	18.93	20.4	30	PASS
Band66	10MHz	256QAM	132322	50RB#0	18.89	20.36	30	PASS
Band66	10MHz	256QAM	132622	1RB#0	18.95	20.42	30	PASS
Band66	10MHz	256QAM	132622	1RB#24	19.08	20.55	30	PASS
Band66	10MHz	256QAM	132622	1RB#49	18.86	20.33	30	PASS
Band66	10MHz	256QAM	132622	50RB#0	18.89	20.36	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.6	25.07	30	PASS



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Band66	15MHz	QPSK	132047	1RB#38	23.68	25.15	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.89	25.36	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.86	24.33	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.89	25.36	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.65	25.12	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.75	25.22	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.84	24.31	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.74	25.21	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.6	25.07	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.64	25.11	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.69	24.16	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.73	24.2	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.8	24.27	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.94	24.41	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.85	23.32	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.76	24.23	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.72	24.19	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.95	24.42	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.8	23.27	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.91	24.38	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.84	24.31	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.9	24.37	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.7	23.17	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.91	23.38	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	22	23.47	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.95	23.42	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.86	22.33	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.81	23.28	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.71	23.18	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.94	23.41	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.75	22.22	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.7	23.17	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.92	23.39	30	PASS



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Band66	15MHz	64QAM	132597	1RB#74	21.72	23.19	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.79	22.26	30	PASS
Band66	15MHz	256QAM	132047	1RB#0	18.8	20.27	30	PASS
Band66	15MHz	256QAM	132047	1RB#38	18.9	20.37	30	PASS
Band66	15MHz	256QAM	132047	1RB#74	18.89	20.36	30	PASS
Band66	15MHz	256QAM	132047	75RB#0	18.86	20.33	30	PASS
Band66	15MHz	256QAM	132322	1RB#0	18.67	20.14	30	PASS
Band66	15MHz	256QAM	132322	1RB#38	18.88	20.35	30	PASS
Band66	15MHz	256QAM	132322	1RB#74	18.77	20.24	30	PASS
Band66	15MHz	256QAM	132322	75RB#0	18.77	20.24	30	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.59	20.06	30	PASS
Band66	15MHz	256QAM	132597	1RB#38	18.9	20.37	30	PASS
Band66	15MHz	256QAM	132597	1RB#74	18.74	20.21	30	PASS
Band66	15MHz	256QAM	132597	75RB#0	18.76	20.23	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.7	25.17	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.65	25.12	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	24	25.47	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.82	24.29	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.86	25.33	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.69	25.16	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.72	25.19	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.72	24.19	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.74	25.21	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.76	25.23	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.09	25.56	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.82	24.29	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.92	24.39	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.84	24.31	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.94	24.41	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.89	23.36	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.74	24.21	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.71	24.18	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.03	24.5	30	PASS



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Band66	20MHz	16QAM	132322	100RB#0	21.77	23.24	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.6	24.07	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.86	24.33	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.68	24.15	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.78	23.25	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.79	23.26	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.81	23.28	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	22.03	23.5	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.88	22.35	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.88	23.35	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.95	23.42	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	22.11	23.58	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.79	22.26	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.85	23.32	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.9	23.37	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.73	23.2	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.76	22.23	30	PASS
Band66	20MHz	256QAM	132072	1RB#0	18.67	20.14	30	PASS
Band66	20MHz	256QAM	132072	1RB#49	18.78	20.25	30	PASS
Band66	20MHz	256QAM	132072	1RB#99	19.07	20.54	30	PASS
Band66	20MHz	256QAM	132072	100RB#0	18.81	20.28	30	PASS
Band66	20MHz	256QAM	132322	1RB#0	18.64	20.11	30	PASS
Band66	20MHz	256QAM	132322	1RB#49	18.86	20.33	30	PASS
Band66	20MHz	256QAM	132322	1RB#99	18.99	20.46	30	PASS
Band66	20MHz	256QAM	132322	100RB#0	18.81	20.28	30	PASS
Band66	20MHz	256QAM	132572	1RB#0	18.91	20.38	30	PASS
Band66	20MHz	256QAM	132572	1RB#49	19.02	20.49	30	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.89	20.36	30	PASS
Band66	20MHz	256QAM	132572	100RB#0	18.79	20.26	30	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	5.16	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.04	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.26	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.12	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.04	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.80	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.76	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.68	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	7.16	13	PASS
Band66	20MHz	256QAM	132322	100RB#0	7.18	13	PASS
Band66	20MHz	256QAM	132572	100RB#0	7.08	13	PASS



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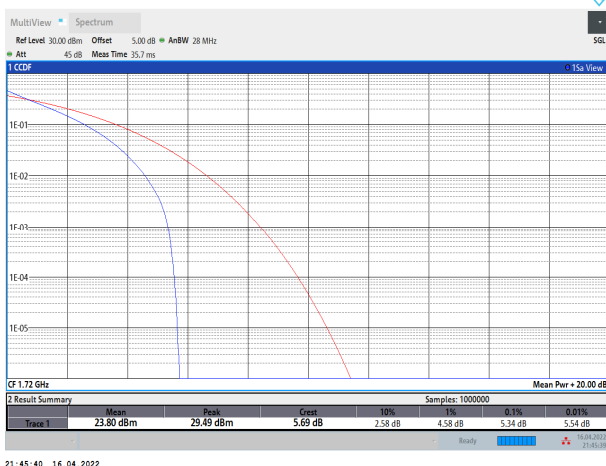
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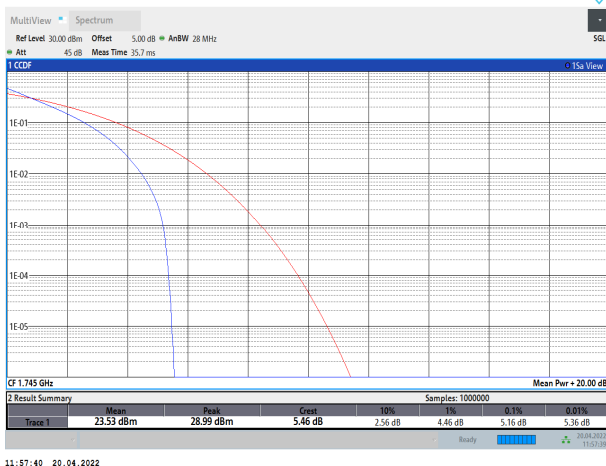
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Test Graphs

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



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



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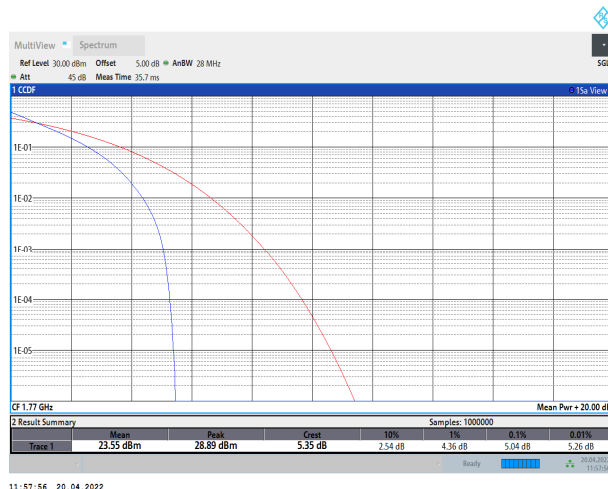
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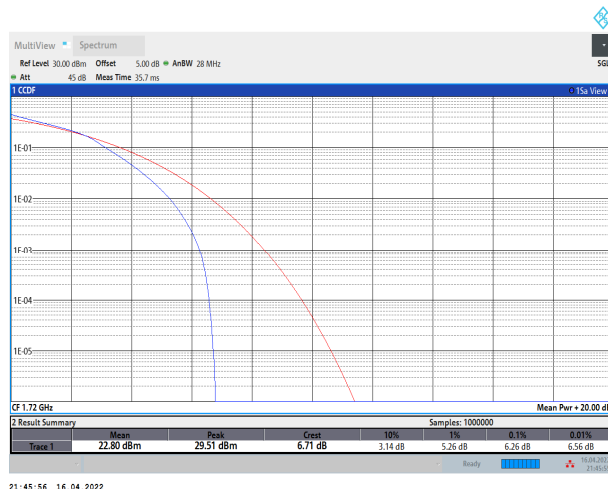
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Band66-20MHz-QPSK-132572-100RB#0



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



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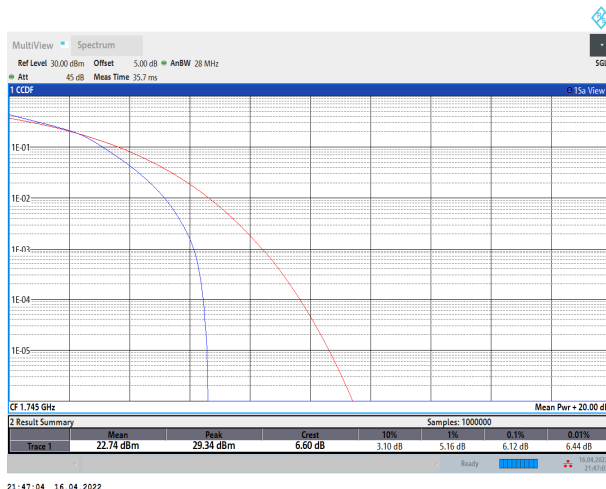
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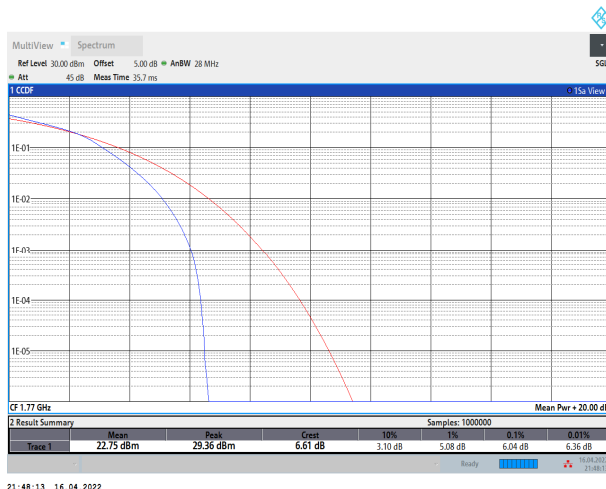
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Band66-20MHz-16QAM-132322-100RB#0



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



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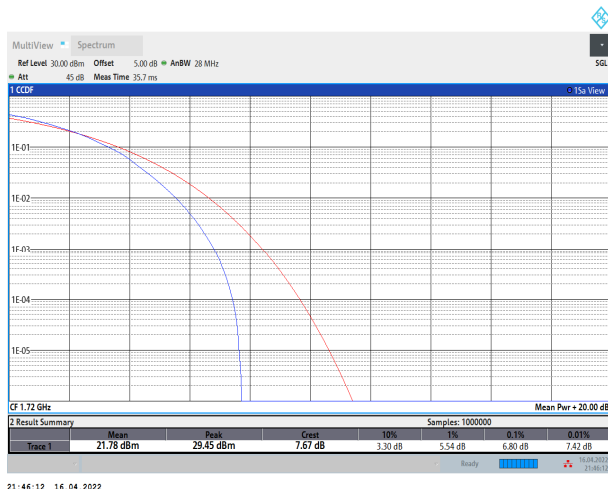
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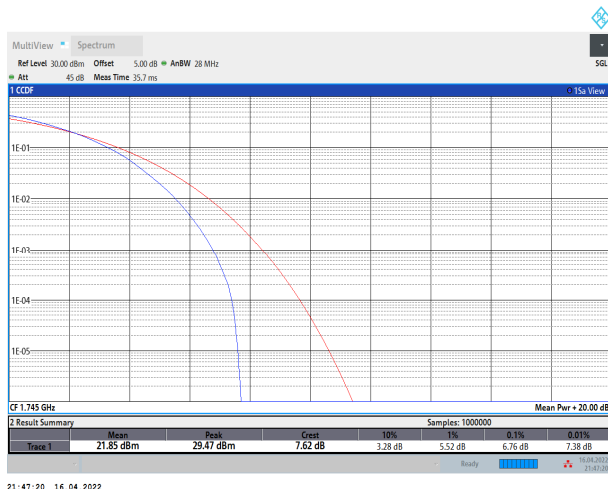
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Band66-20MHz-64QAM-132322-100RB#0



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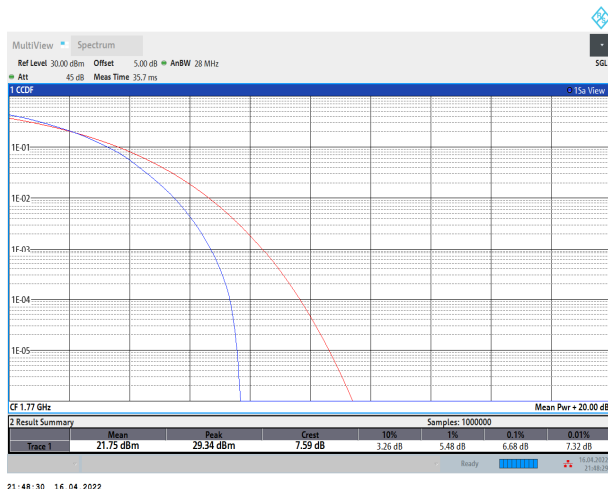
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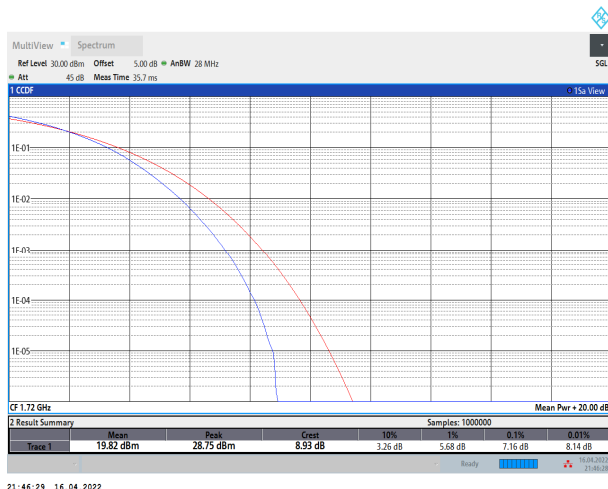
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Band66-20MHz-64QAM-132572-100RB#0



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



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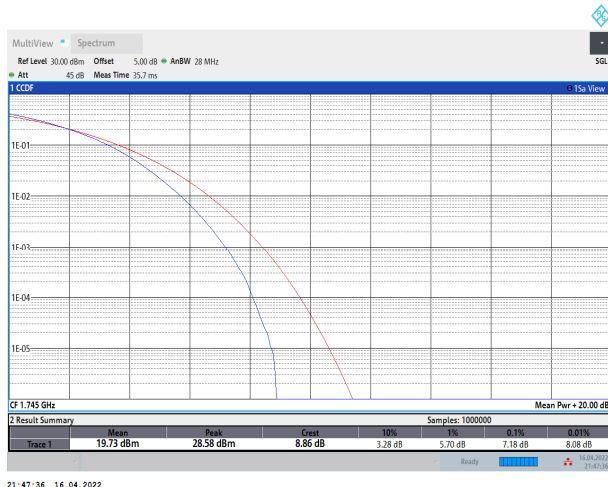
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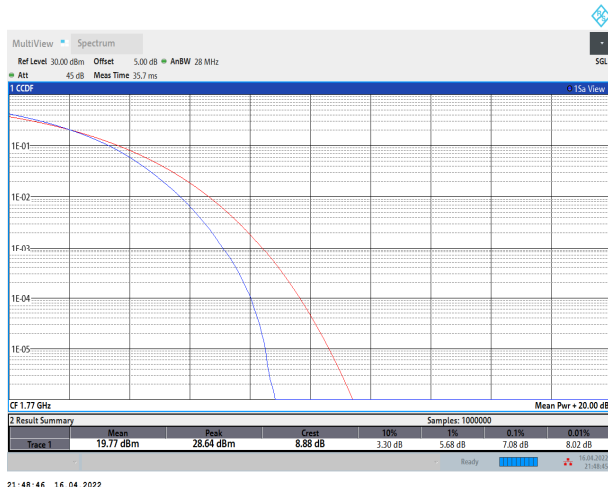
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Band66-20MHz-256QAM-132322-100RB#0



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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	131979	6RB#0	1.102	1.40	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.103	1.38	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.106	1.39	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.110	1.38	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.108	1.40	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.108	1.44	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.109	1.39	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.107	1.40	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.109	1.45	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	1.108	1.38	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	1.105	1.39	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	1.104	1.40	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.700	3.04	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.696	3.04	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.701	3.10	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.700	3.07	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.702	3.08	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.703	3.04	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.706	3.07	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.702	3.05	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.704	3.02	PASS
Band66	3MHz	256QAM	131987	15RB#0	2.702	3.08	PASS
Band66	3MHz	256QAM	132322	15RB#0	2.698	3.05	PASS
Band66	3MHz	256QAM	132657	15RB#0	2.700	3.05	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.482	5.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.474	5.04	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.481	5.06	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.480	5.08	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.484	5.06	PASS



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Band66	5MHz	16QAM	132647	25RB#0	4.483	5.09	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.482	5.02	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.481	5.03	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.479	5.03	PASS
Band66	5MHz	256QAM	131997	25RB#0	4.478	5.01	PASS
Band66	5MHz	256QAM	132322	25RB#0	4.480	5.11	PASS
Band66	5MHz	256QAM	132647	25RB#0	4.482	5.08	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.964	9.82	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.949	9.88	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.946	9.98	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.947	9.84	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.957	9.88	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.959	9.84	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.941	9.80	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.941	9.86	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.941	9.96	PASS
Band66	10MHz	256QAM	132022	50RB#0	8.947	9.98	PASS
Band66	10MHz	256QAM	132322	50RB#0	8.950	9.92	PASS
Band66	10MHz	256QAM	132622	50RB#0	8.963	9.90	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.499	14.97	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.496	15.06	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.519	15.03	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.514	15.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.503	14.91	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.487	14.94	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.508	15.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.498	15.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.477	15.00	PASS
Band66	15MHz	256QAM	132047	75RB#0	13.516	15.21	PASS
Band66	15MHz	256QAM	132322	75RB#0	13.497	14.82	PASS
Band66	15MHz	256QAM	132597	75RB#0	13.498	15.12	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.971	19.68	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.904	19.64	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.933	19.76	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.961	19.80	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.962	19.60	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.910	19.80	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.913	19.52	PASS



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Band66	20MHz	64QAM	132322	100RB#0	17.922	19.64	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.936	19.68	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.935	19.56	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.942	19.80	PASS
Band66	20MHz	256QAM	132572	100RB#0	17.933	19.76	PASS



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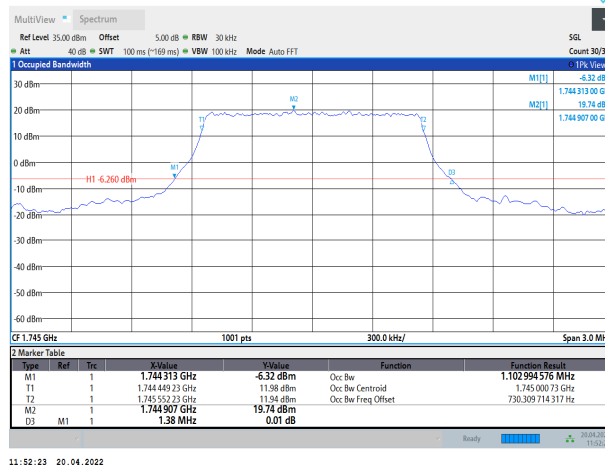
Test Graphs

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



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



11:52:23 20.04.2022



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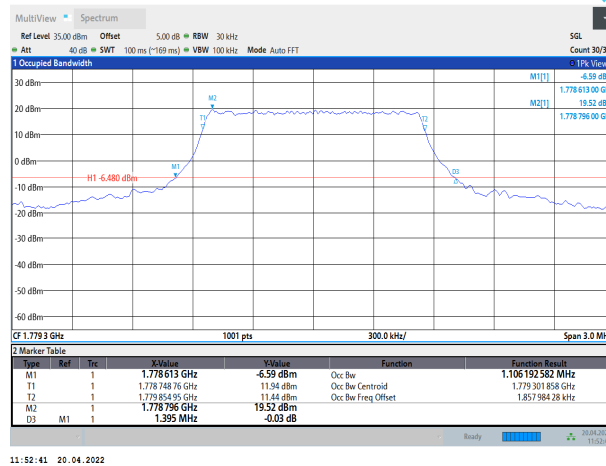
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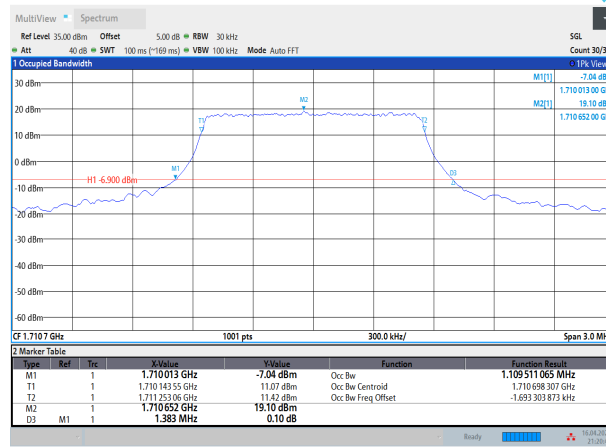
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Band66-1.4MHz-16QAM-131979-6RB#0



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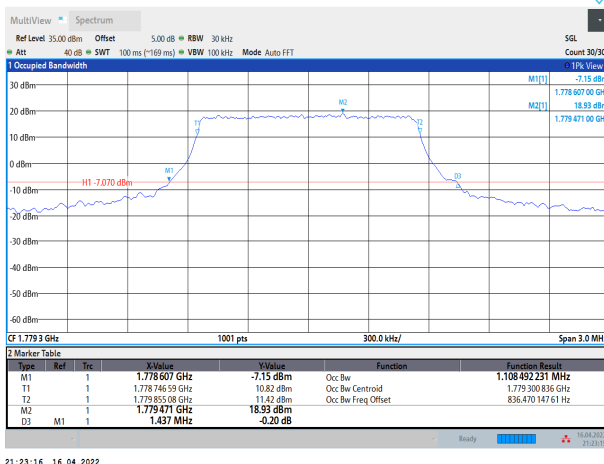
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21:21:59 16.04.2022

Band66-1.4MHz-16QAM-132665-6RB#0



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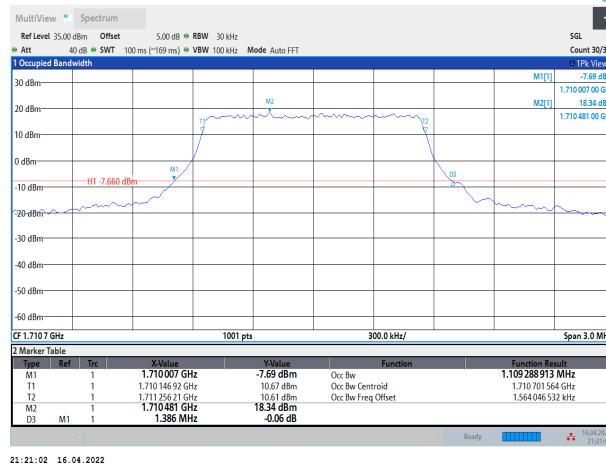
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21:21:02 16.04.2022

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



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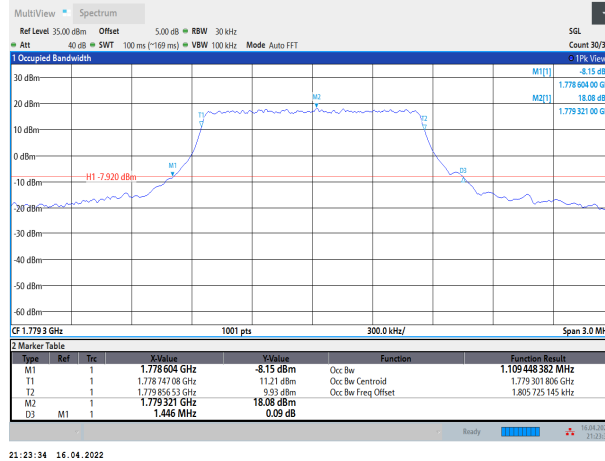
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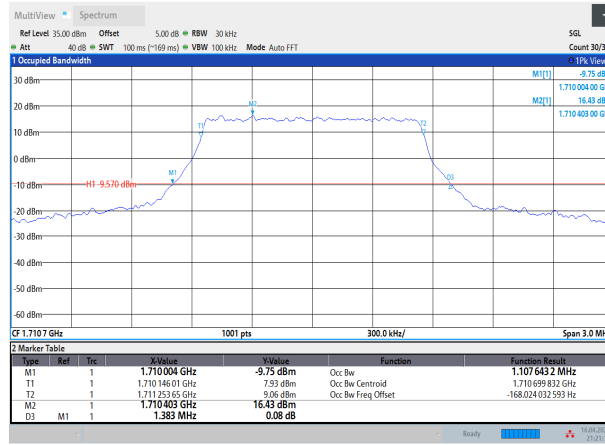
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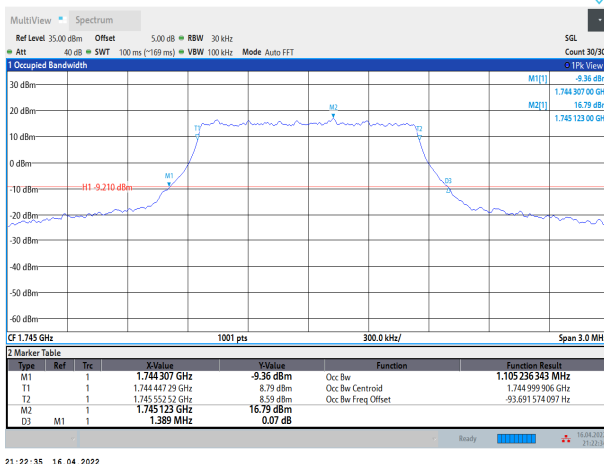
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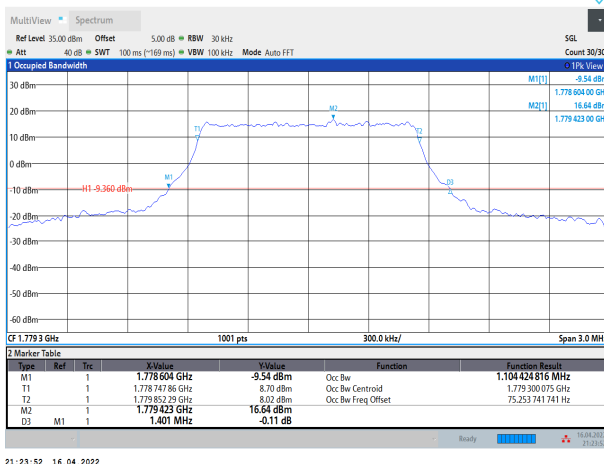
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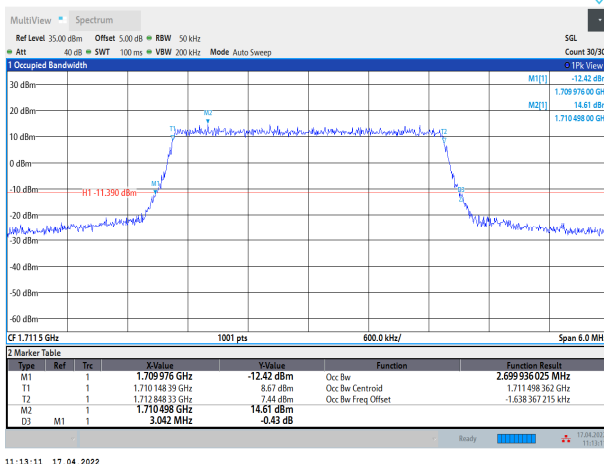
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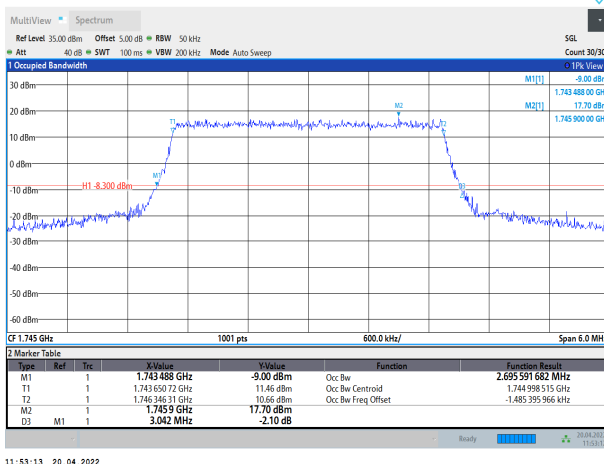
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Band66-3MHz-QPSK-132322-15RB#0



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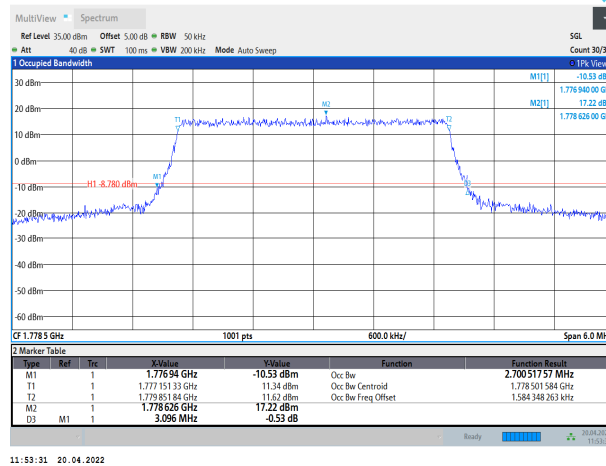
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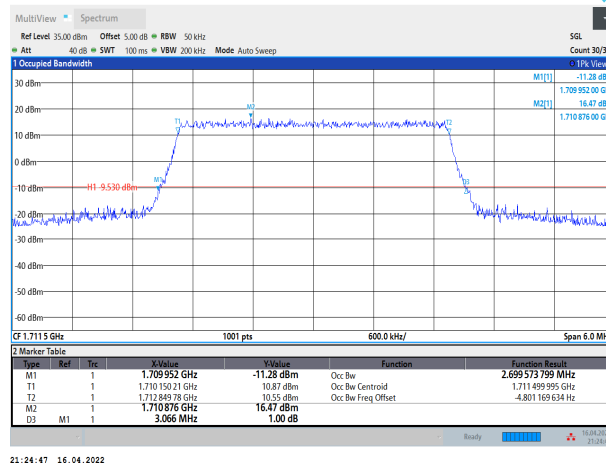
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Band66-3MHz-16QAM-131987-15RB#0



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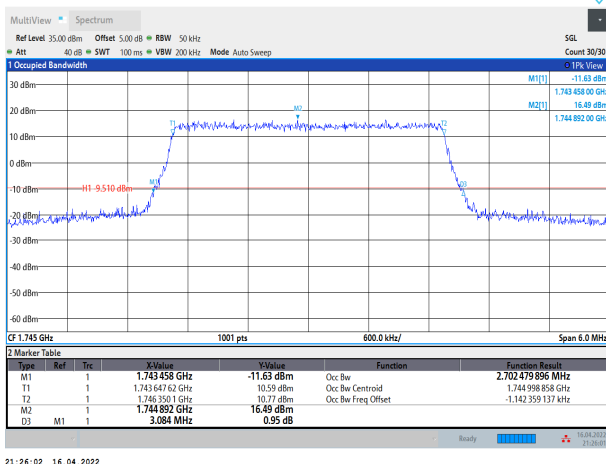
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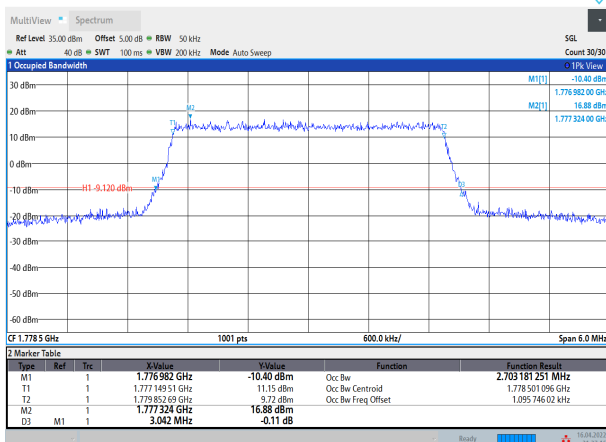
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Band66-3MHz-16QAM-132657-15RB#0



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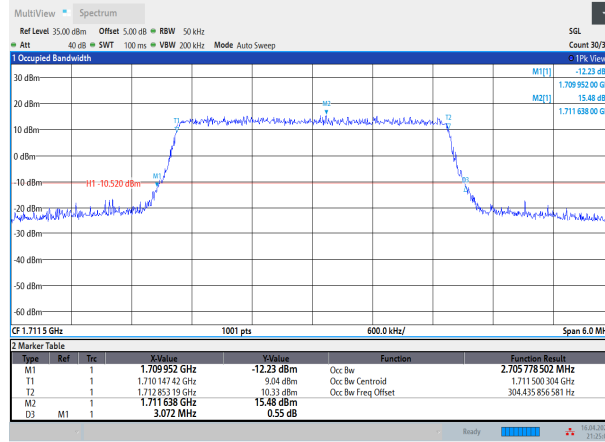
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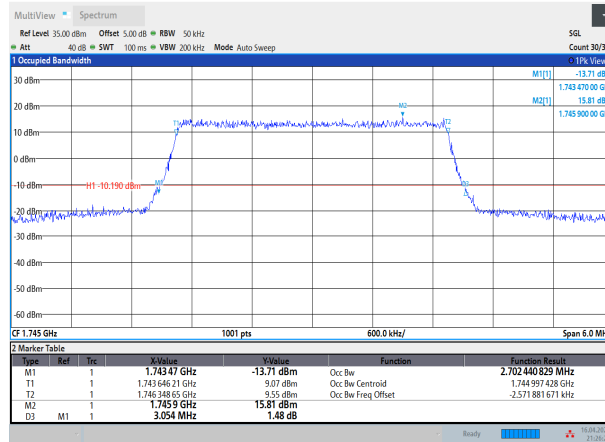
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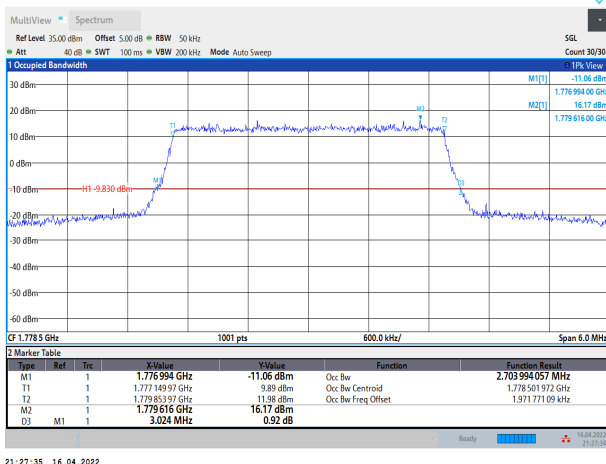
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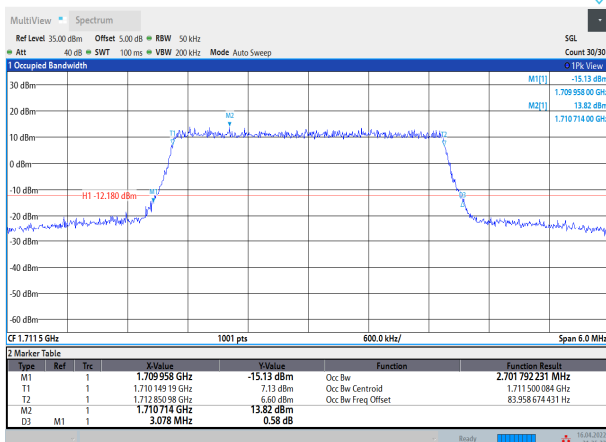
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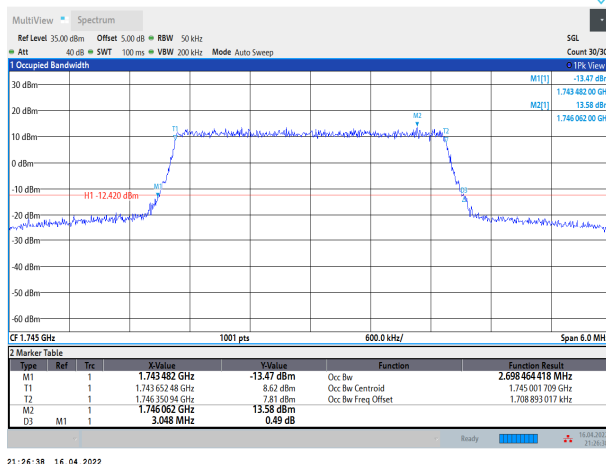
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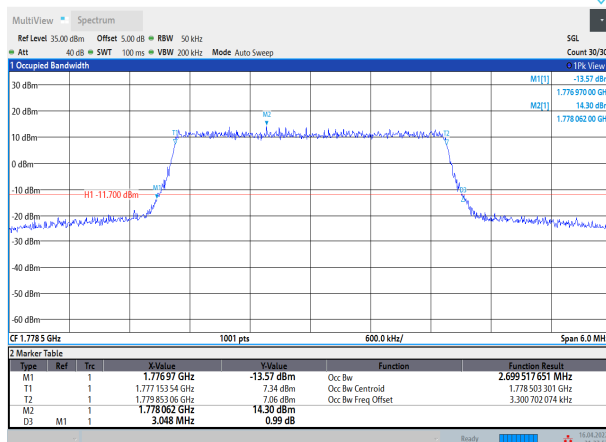
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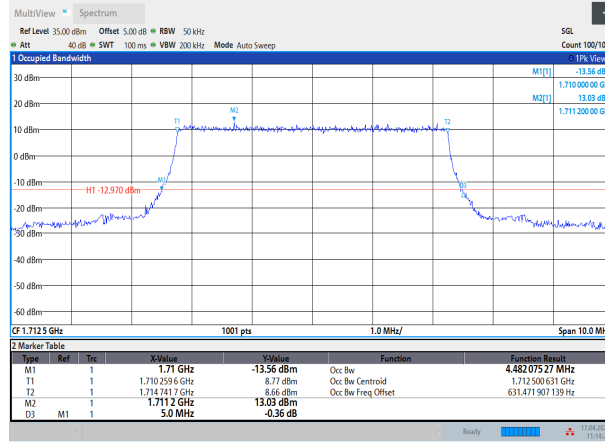
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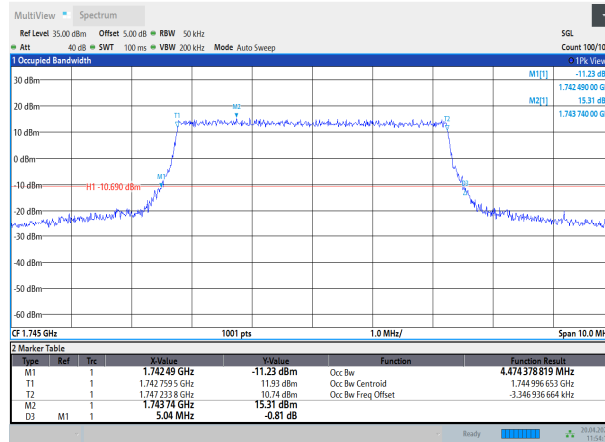
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Band66-5MHz-QPSK-132322-25RB#0



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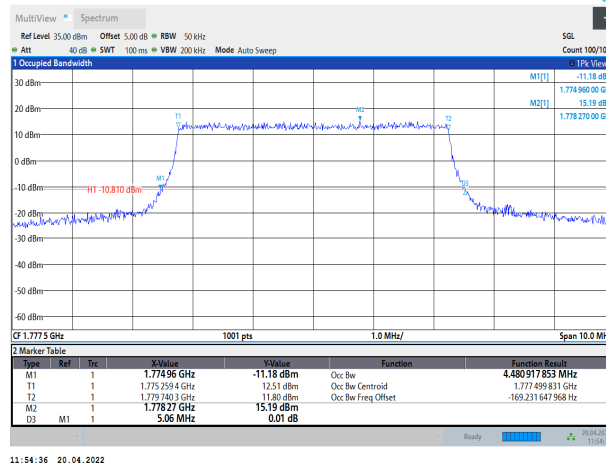
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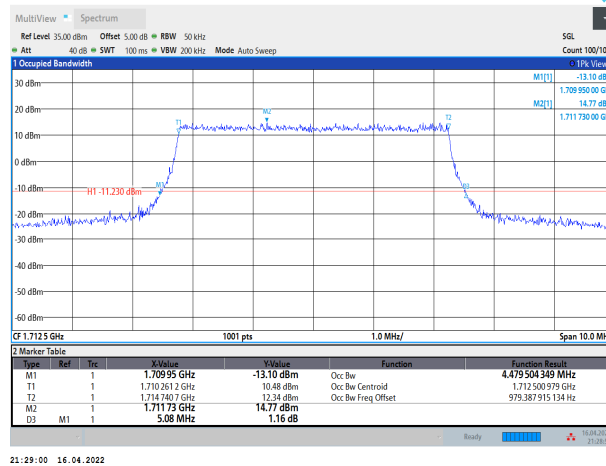
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Band66-5MHz-QPSK-132647-25RB#0



Band66-5MHz-16QAM-131997-25RB#0



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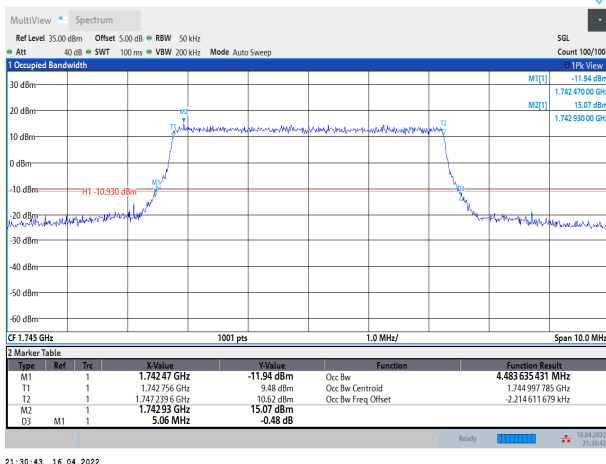
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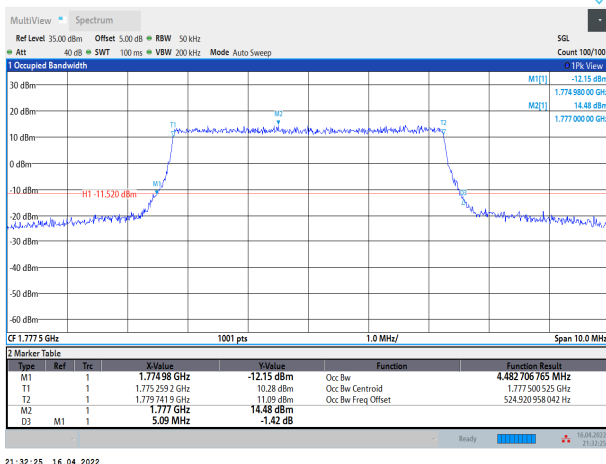
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21:30:43 16.04.2022

Band66-5MHz-16QAM-132647-25RB#0



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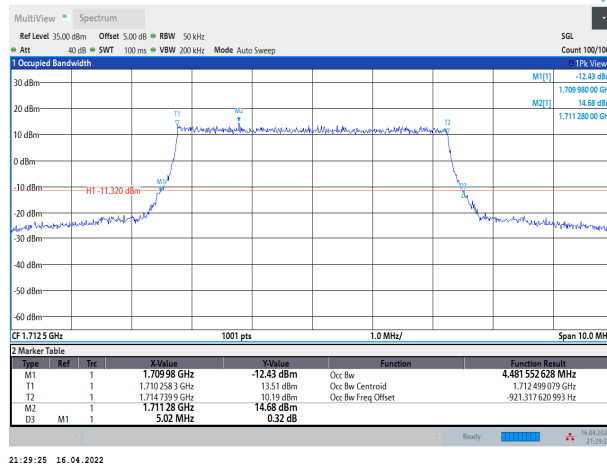
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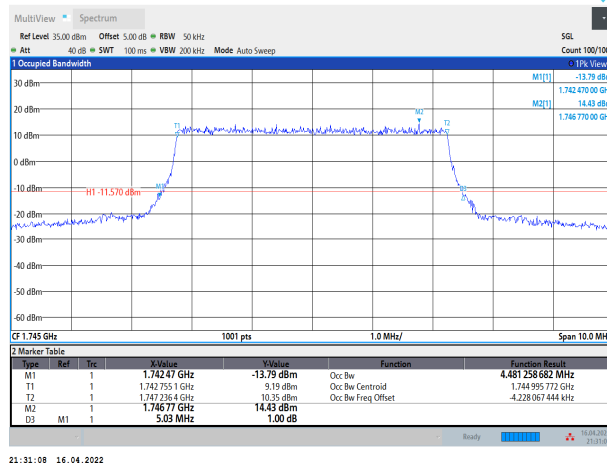
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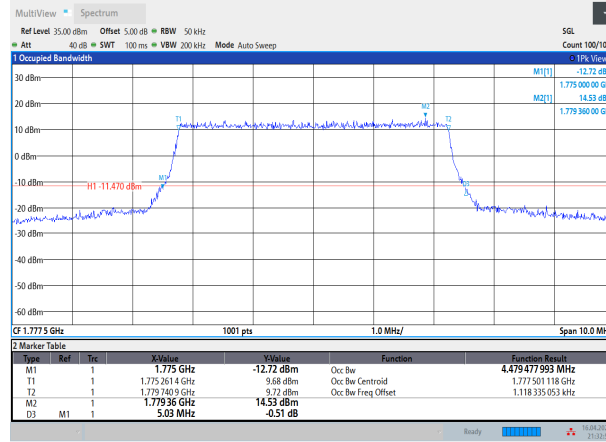
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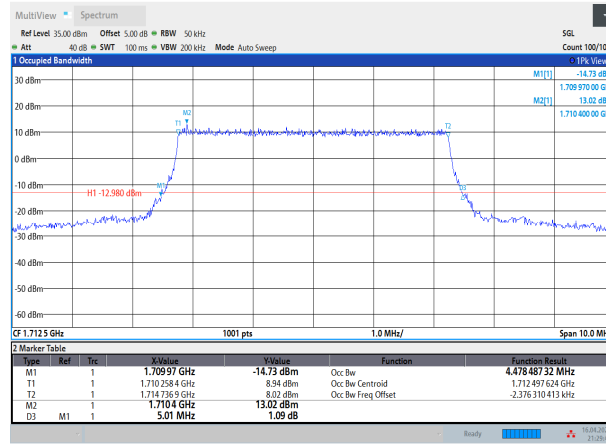
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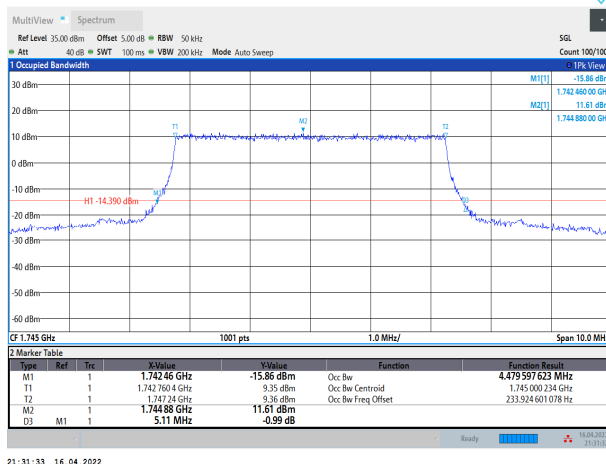
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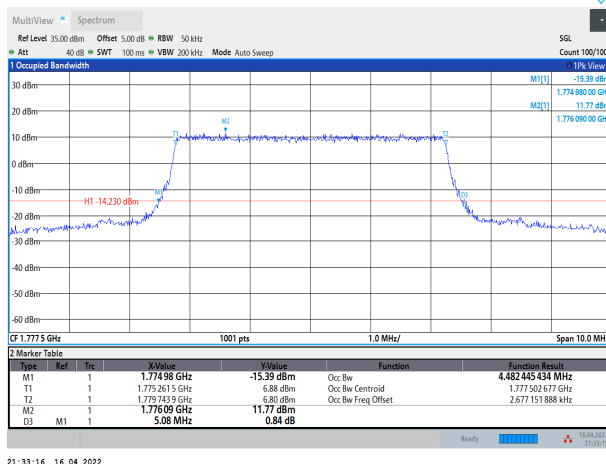
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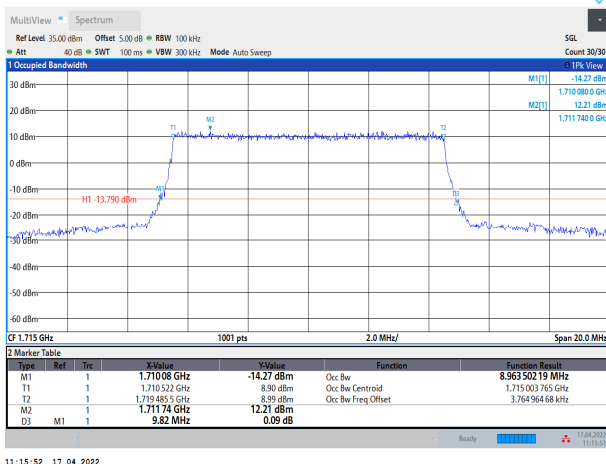
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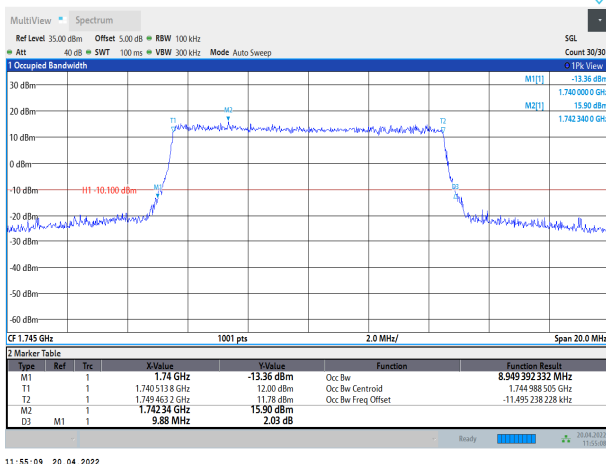
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11:15:52 17.04.2022

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11:55:09 20.04.2022



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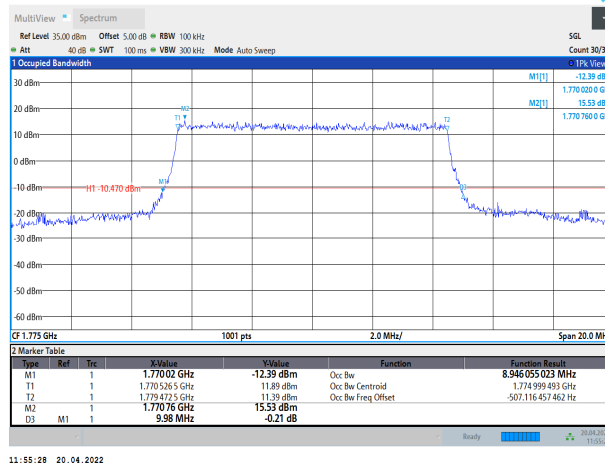
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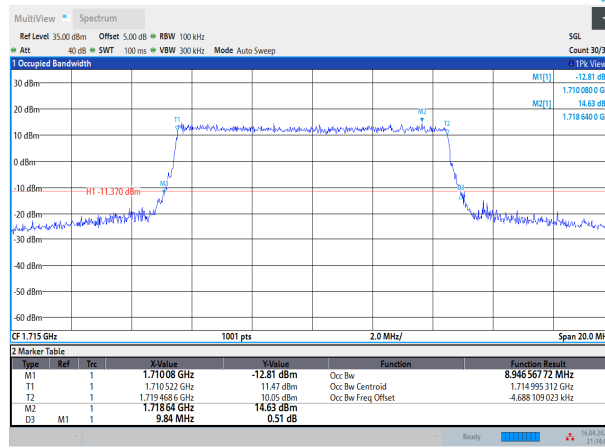
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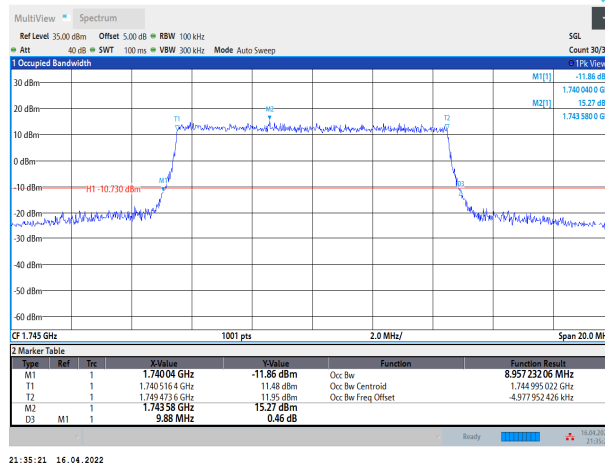
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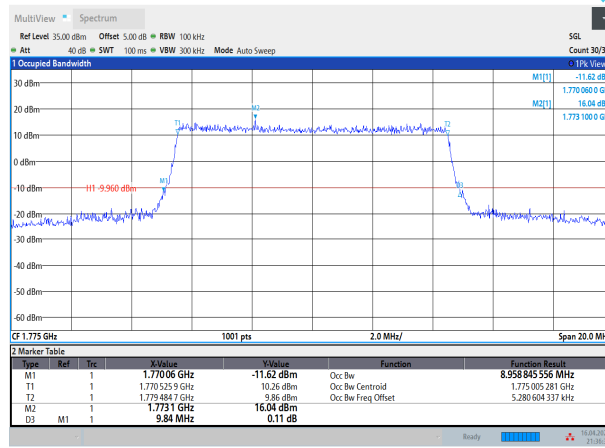
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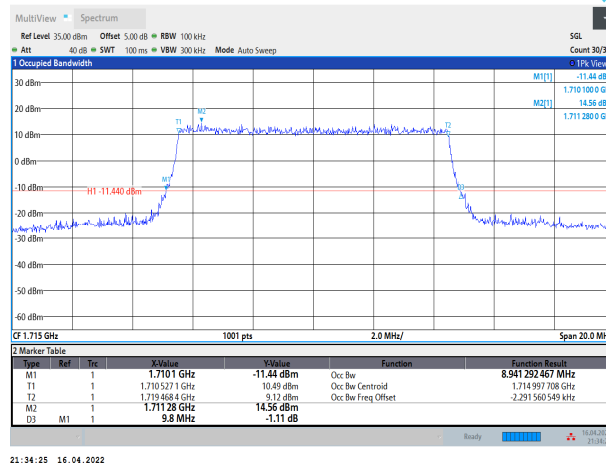
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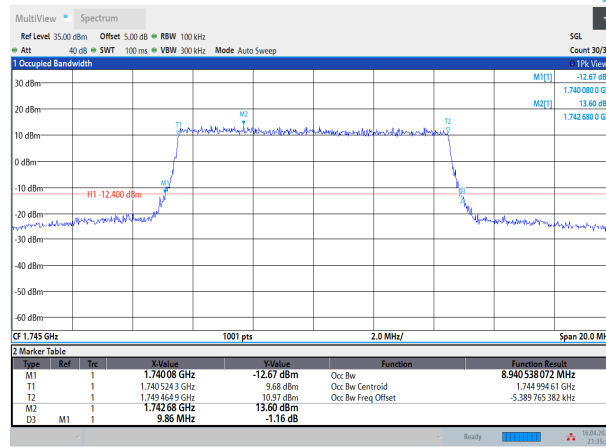
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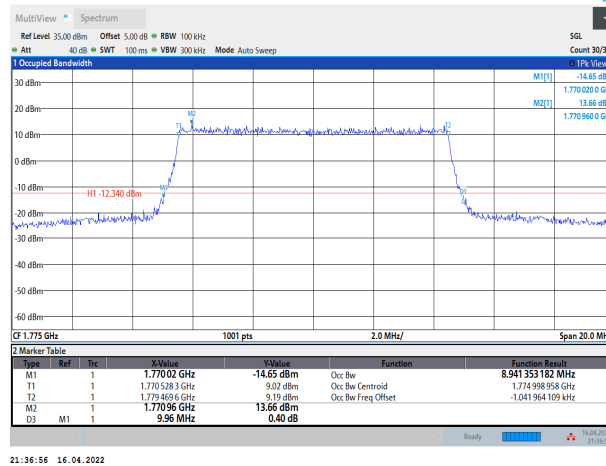
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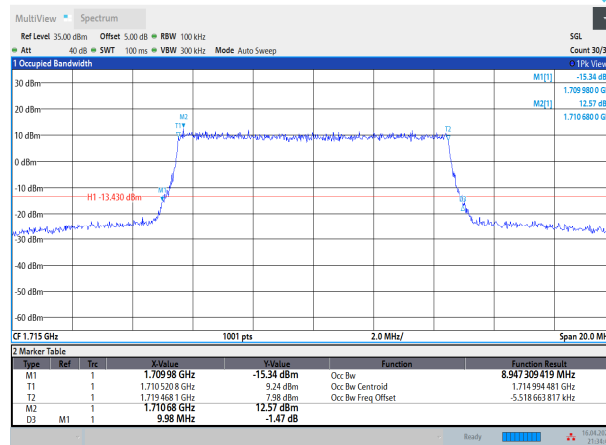
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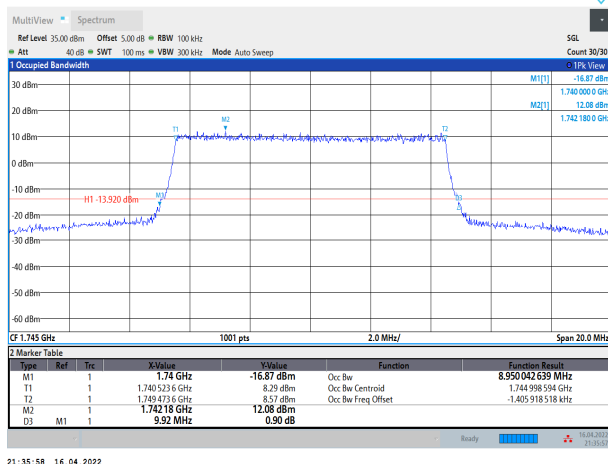
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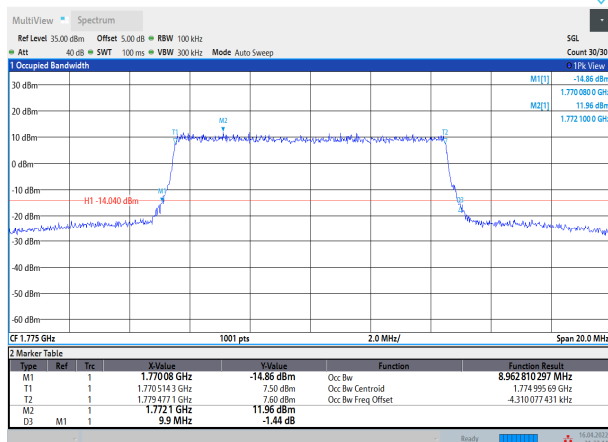
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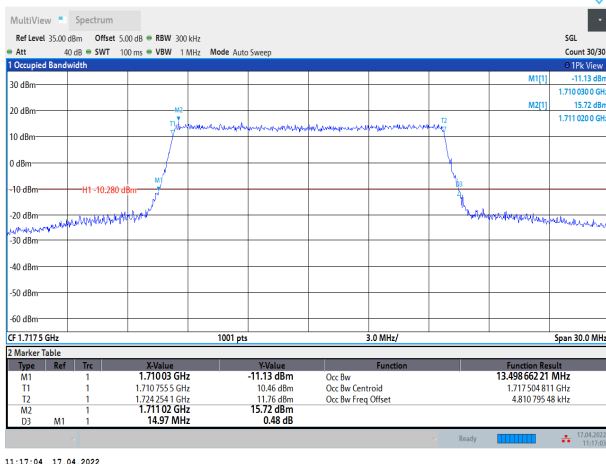
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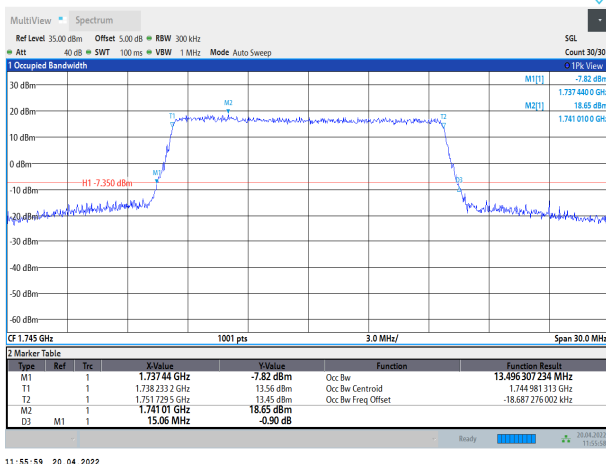
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Band66-15MHz-QPSK-132322-75RB#0



11:55:59 20.04.2022



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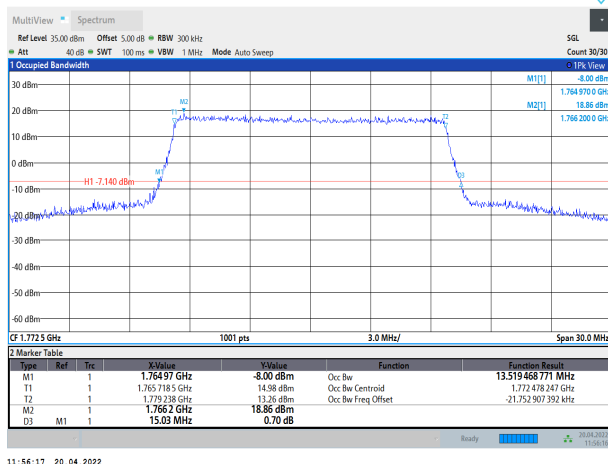
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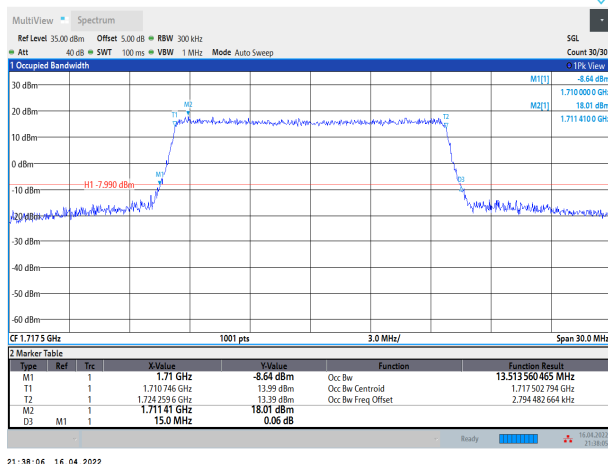
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Band66-15MHz-QPSK-132597-75RB#0



Band66-15MHz-16QAM-132047-75RB#0



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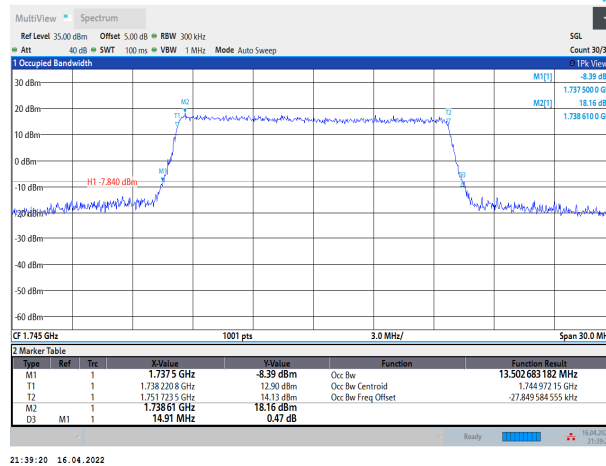
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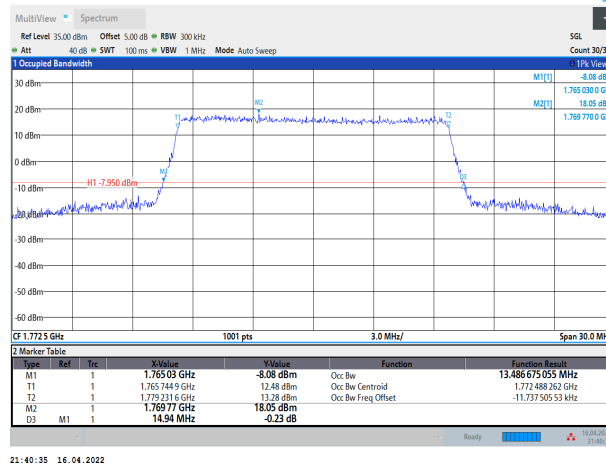
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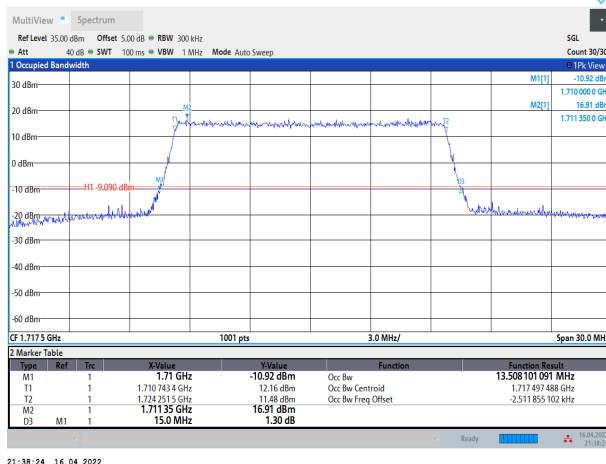
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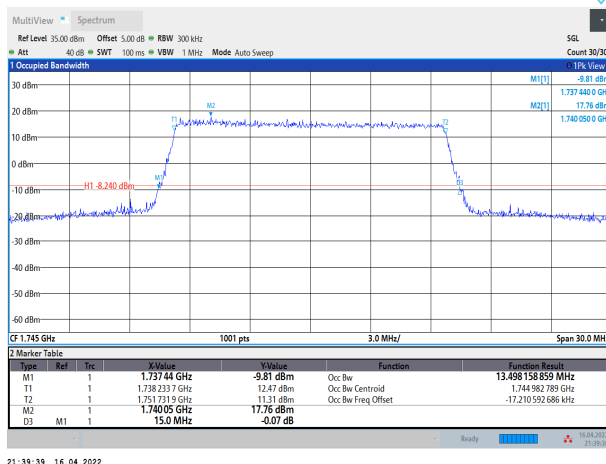
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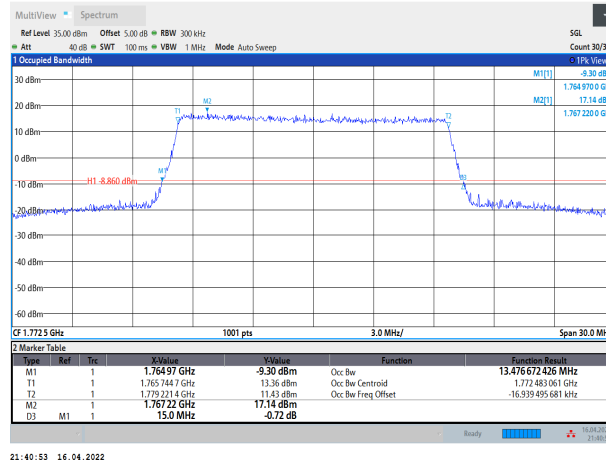
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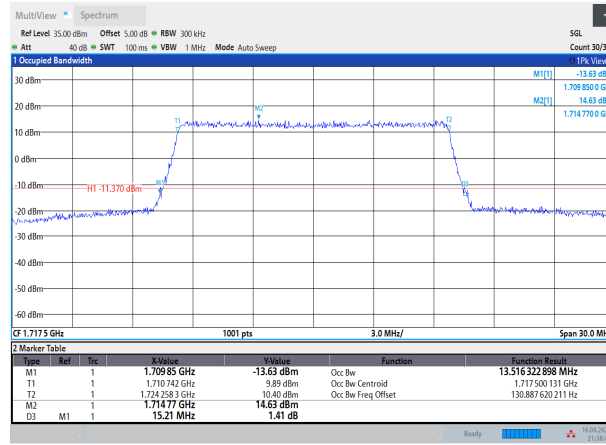
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Band66-15MHz-256QAM-132047-75RB#0



21:38:42 16.04.2022



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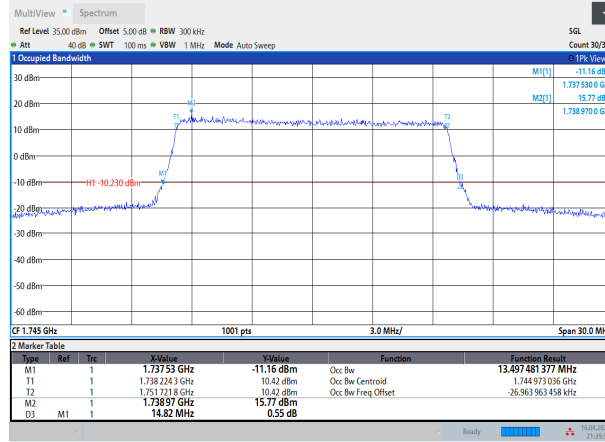
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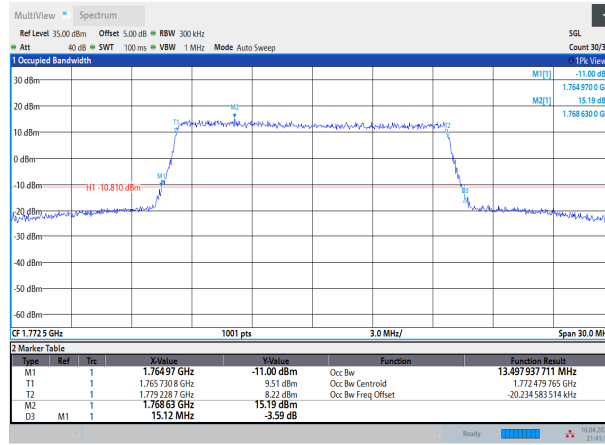
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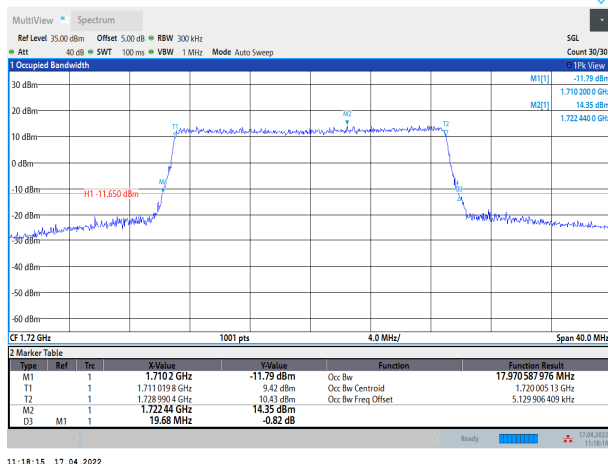
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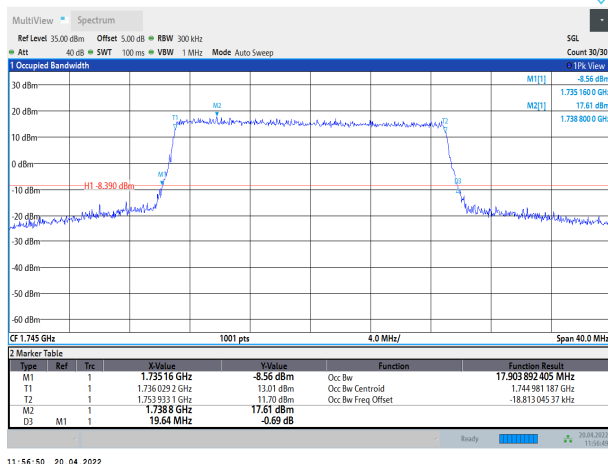
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Band66-20MHz-QPSK-132072-100RB#0



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

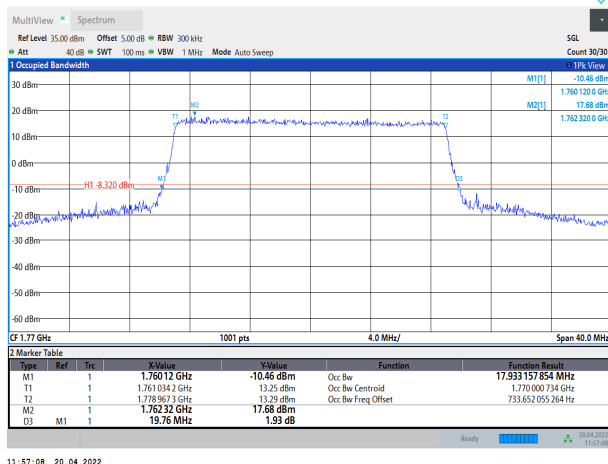


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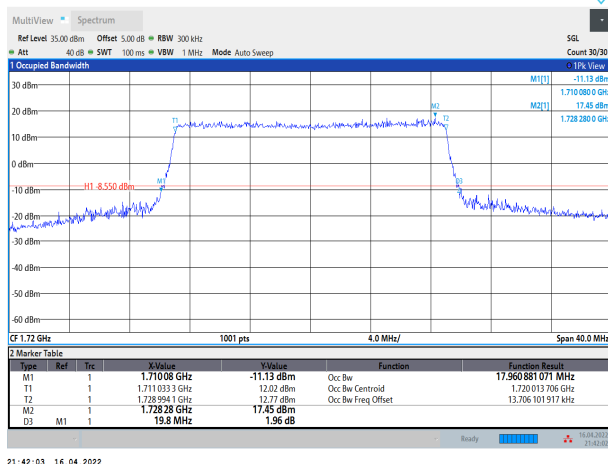
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11:57:08 20.04.2022

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



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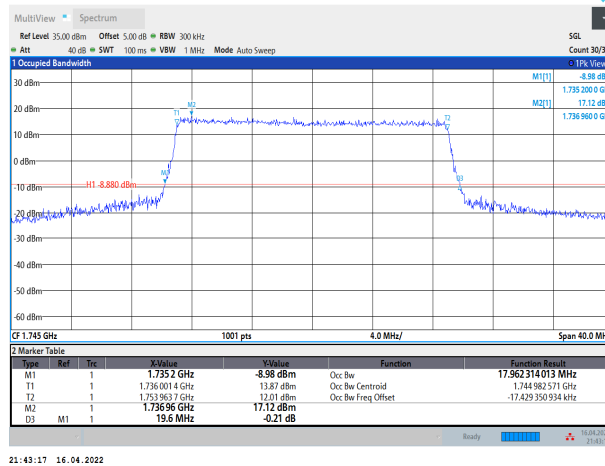
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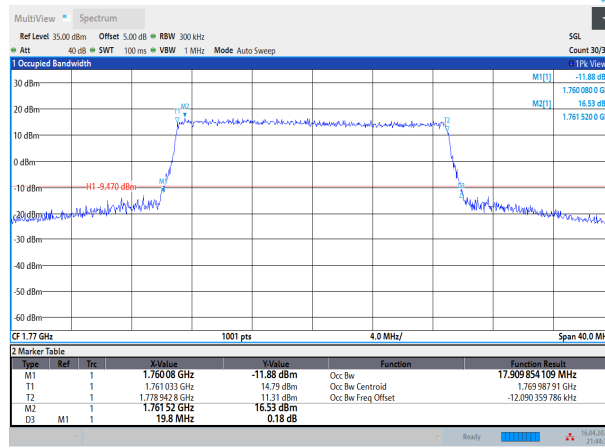
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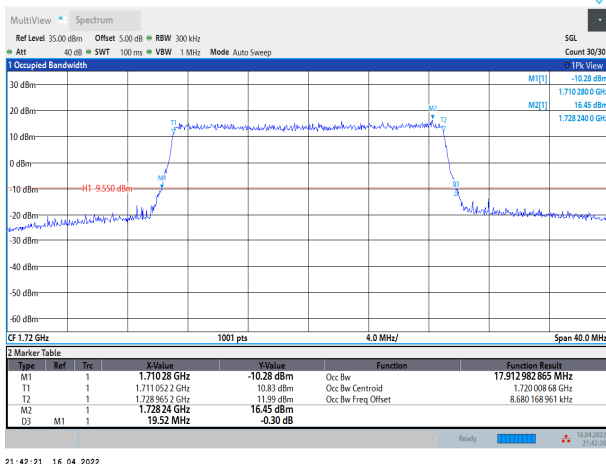
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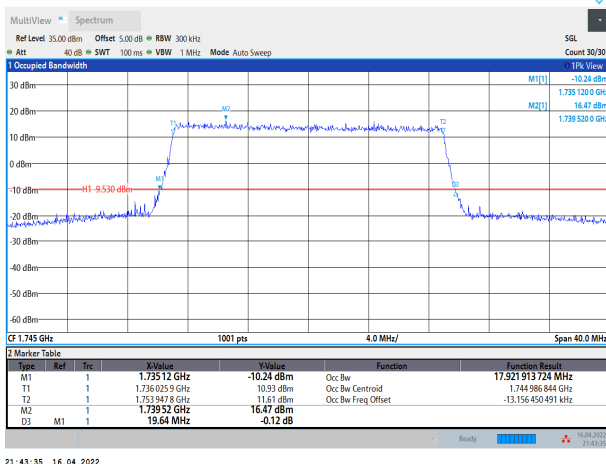
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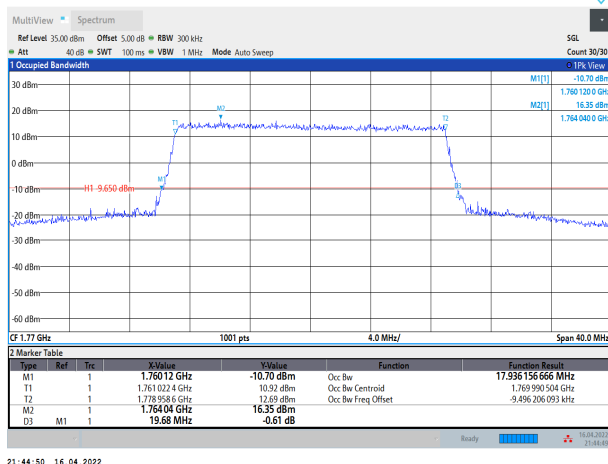
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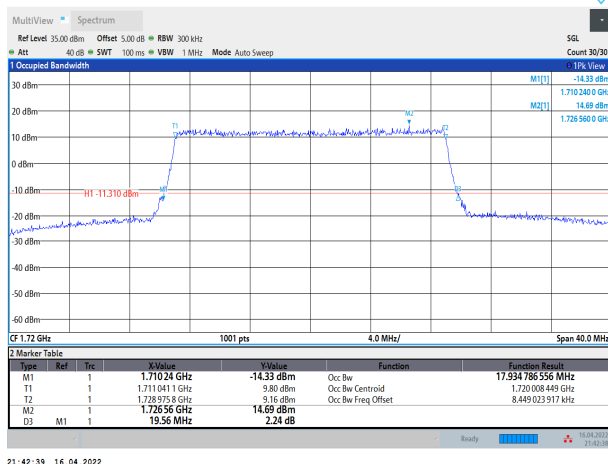
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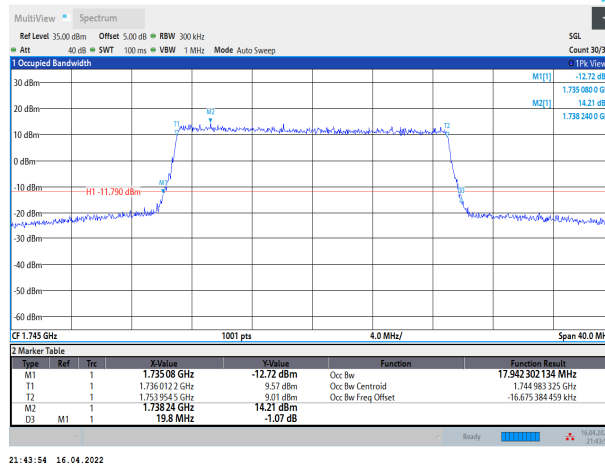
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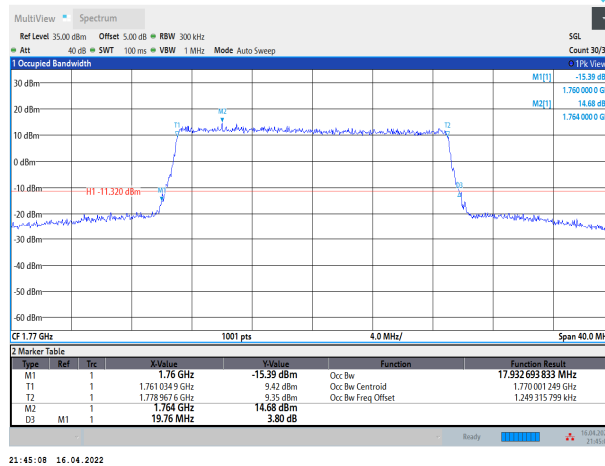
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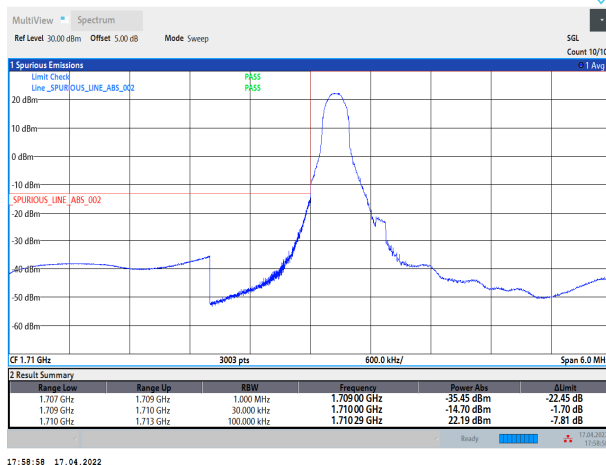
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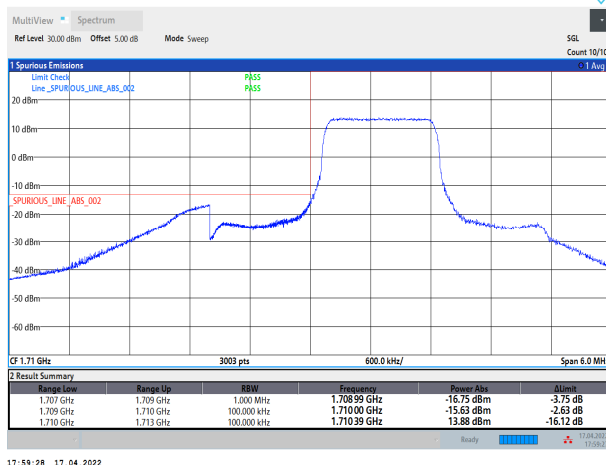
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Band66-1.4MHz-QPSK-131979-1RB#0



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



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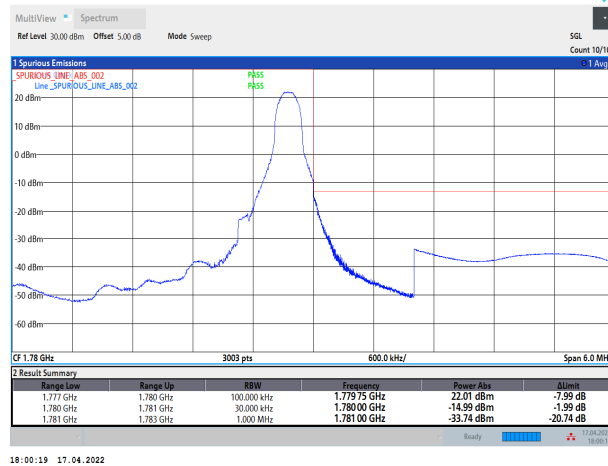
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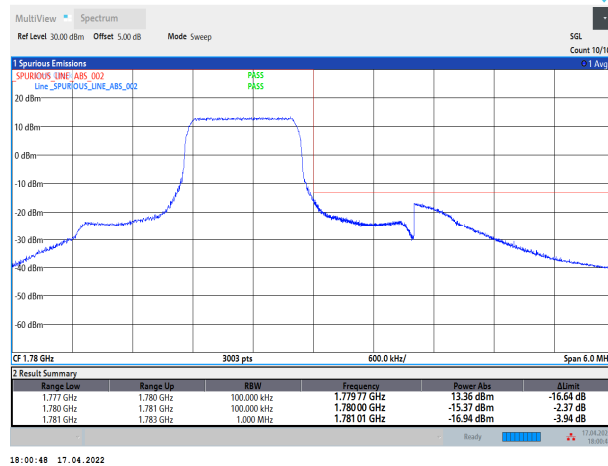
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Band66-1.4MHz-QPSK-132665-1RB#5



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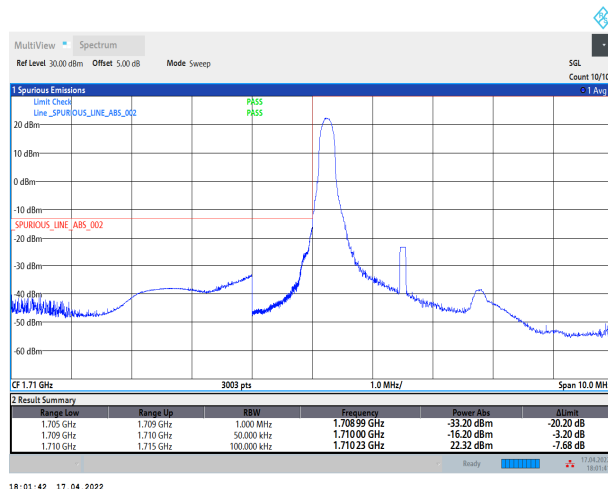
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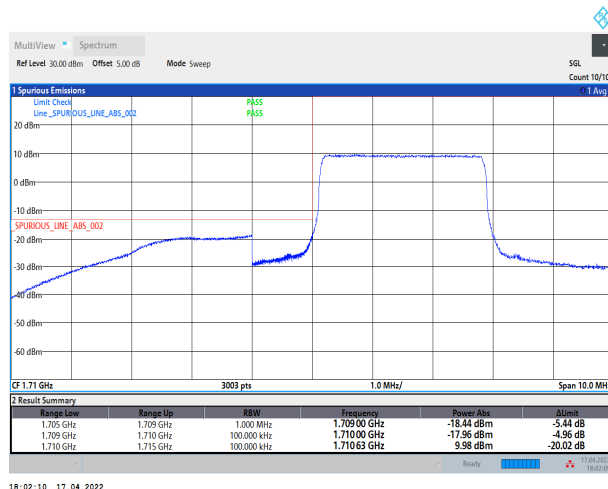
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Band66-3MHz-QPSK-131987-1RB#0



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



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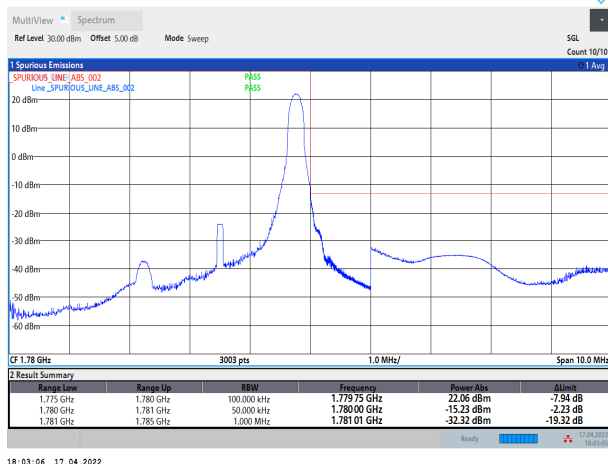
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Band66-3MHz-QPSK-132657-1RB#14



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



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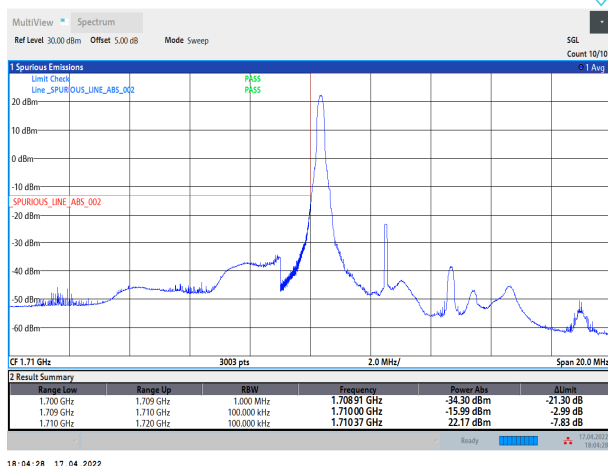
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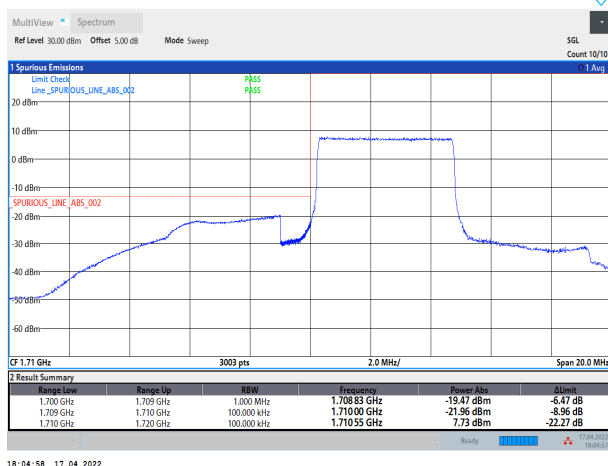
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Band66-5MHz-QPSK-131997-1RB#0



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



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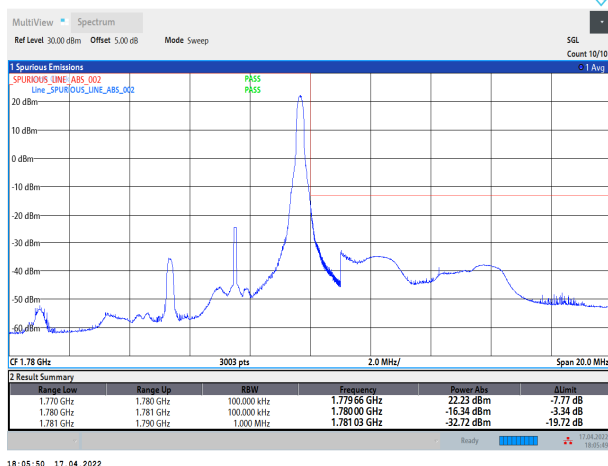
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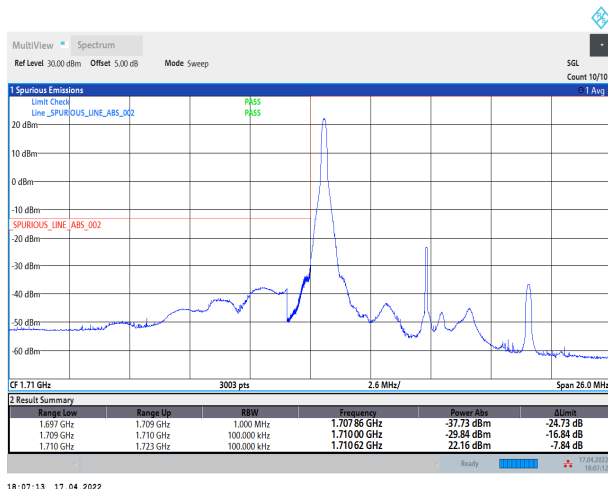
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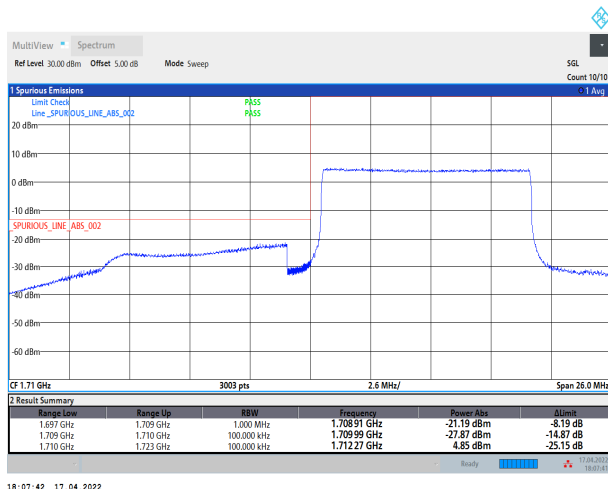
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Band66-10MHz-QPSK-132022-1RB#0



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



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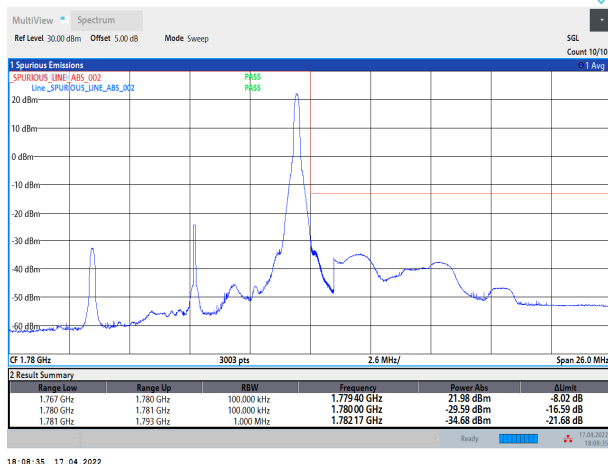
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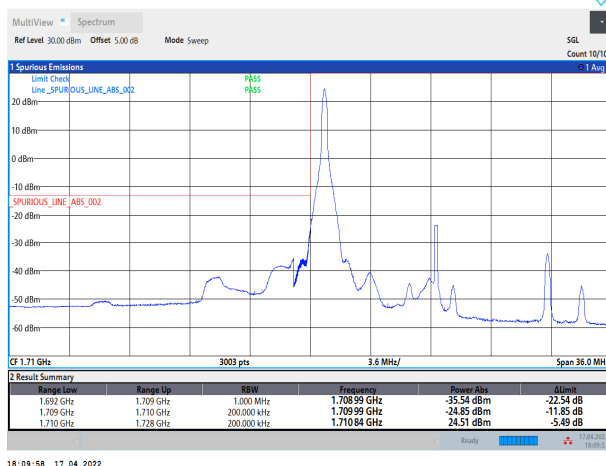
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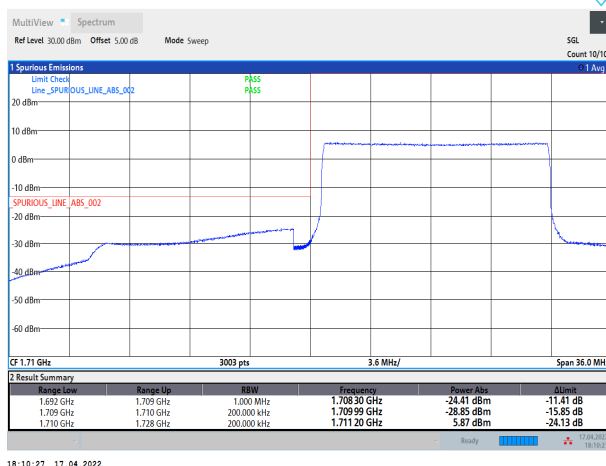
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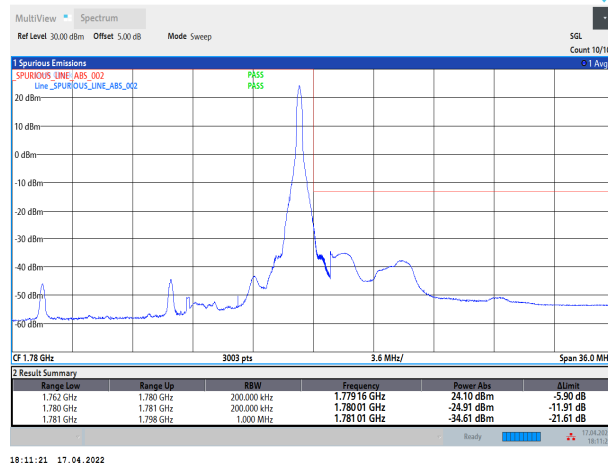
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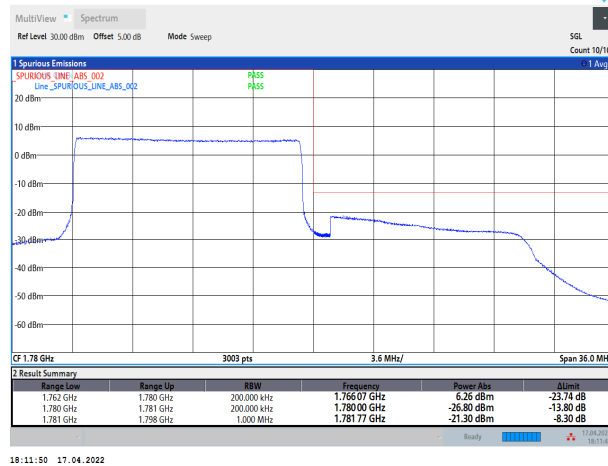
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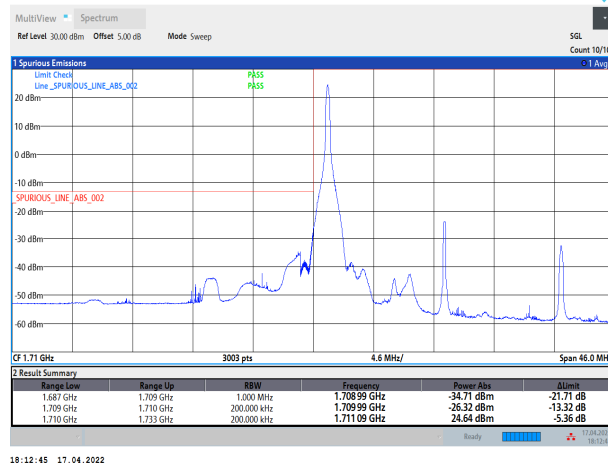
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Band66-20MHz-QPSK-132072-100RB#0



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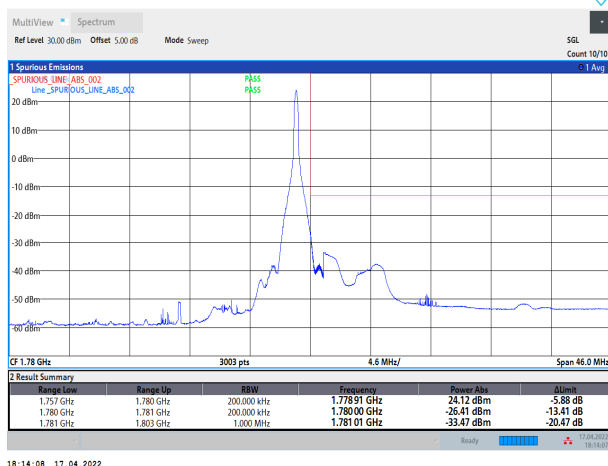
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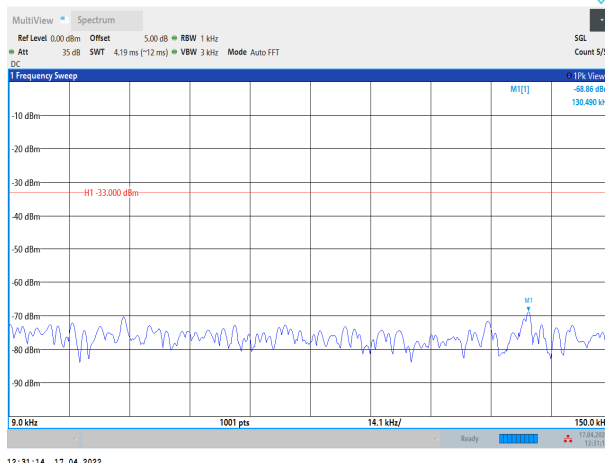
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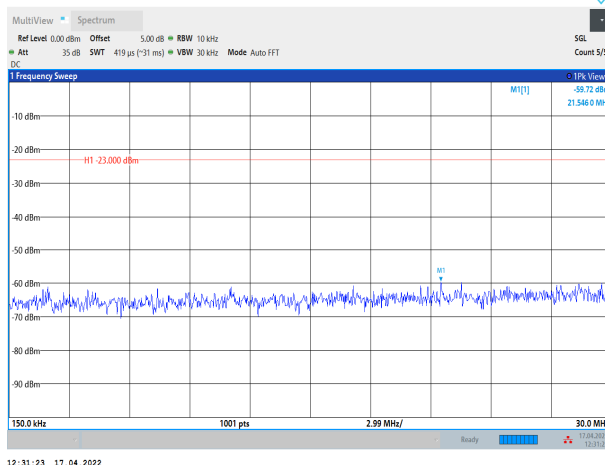
Conducted Spurious Emission

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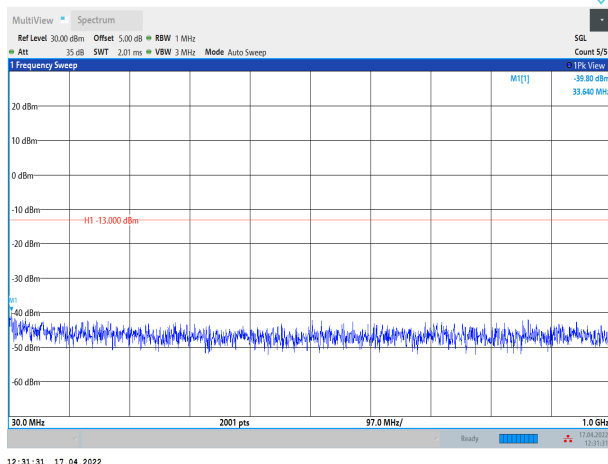
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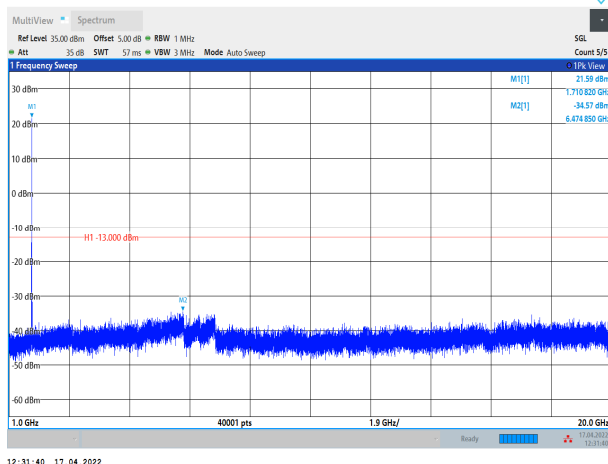
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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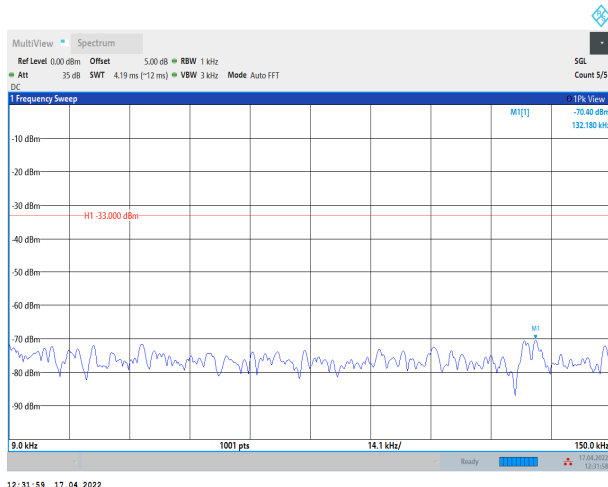
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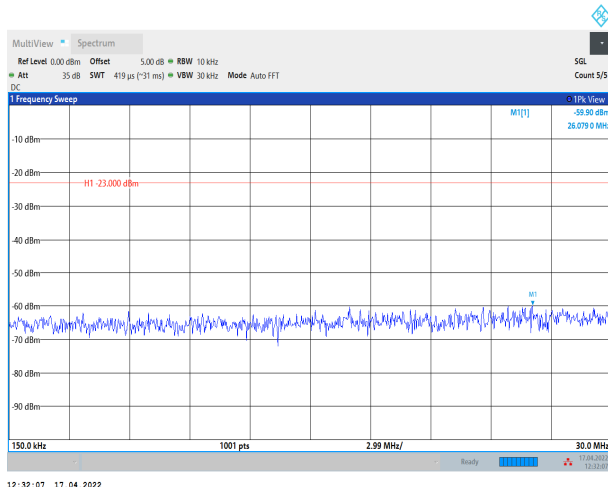
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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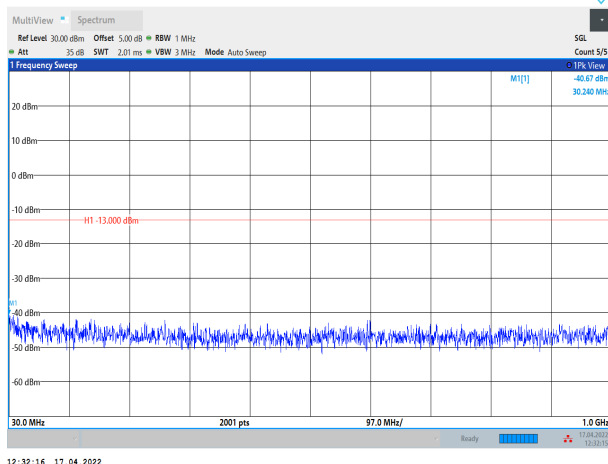
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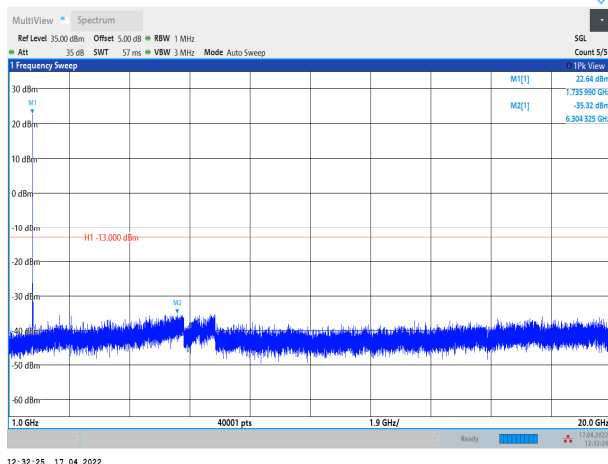
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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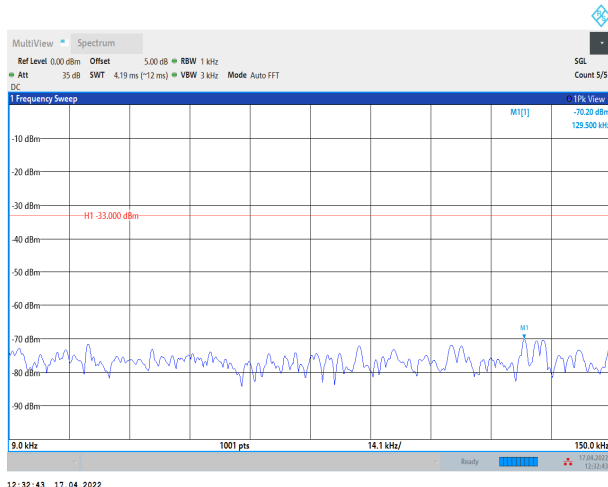
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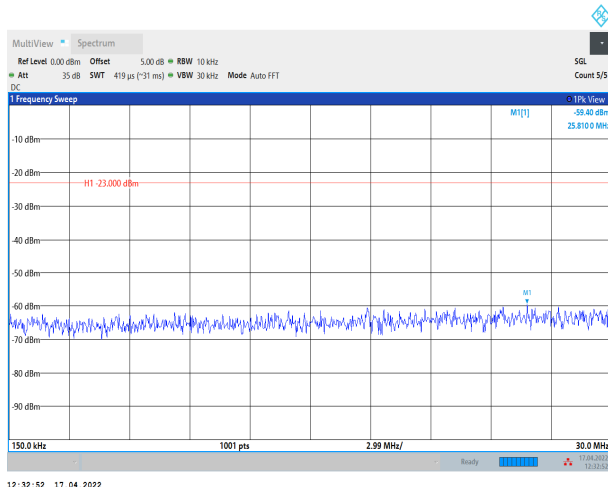
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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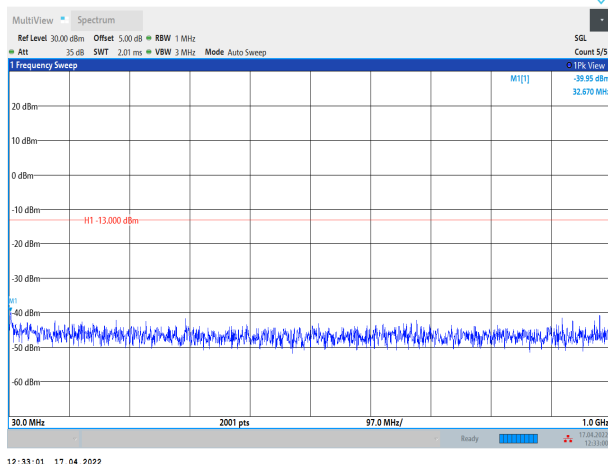
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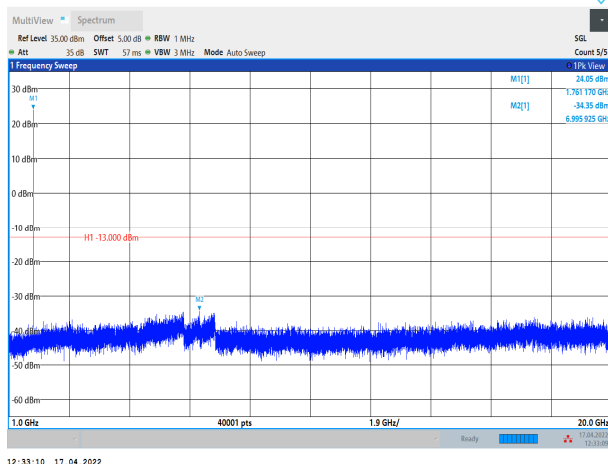
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE 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]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.75	-46.28	29.43	-69.36	-13.00	56.36	211	25	Horizontal
2	5106.2700	40.88	-45.36	32.94	-66.81	-13.00	53.81	132	252	Horizontal
3	6808.3600	40.36	-44.16	35.85	-63.21	-13.00	50.21	154	283	Horizontal
4	8510.4500	38.23	-41.59	37.56	-61.06	-13.00	48.06	148	207	Horizontal
5	10212.5400	34.24	-39.45	38.81	-61.65	-13.00	48.65	197	60	Horizontal
6	11914.6300	31.33	-37.18	38.88	-62.23	-13.00	49.23	183	29	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	42.76	-46.28	29.43	-69.35	-13.00	56.35	233	357	Vertical
2	5106.2700	41.32	-45.36	32.94	-66.37	-13.00	53.37	215	359	Vertical
3	6808.3600	41.00	-44.16	35.85	-62.57	-13.00	49.57	145	352	Vertical
4	8510.4500	37.85	-41.59	37.56	-61.44	-13.00	48.44	196	4	Vertical
5	10212.5400	34.33	-39.45	38.81	-61.56	-13.00	48.56	258	59	Vertical
6	11914.6300	31.22	-37.18	38.88	-62.34	-13.00	49.34	142	210	Vertical



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Report No.: SEWA2309000114RG05

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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]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.70	-46.27	29.48	-69.35	-13.00	56.35	222	359	Horizontal
2	5181.2700	41.22	-45.30	32.98	-66.36	-13.00	53.36	302	350	Horizontal
3	6908.3600	40.39	-44.05	35.97	-62.95	-13.00	49.95	159	296	Horizontal
4	8635.4500	37.85	-41.46	37.81	-61.06	-13.00	48.06	192	29	Horizontal
5	10362.5400	34.42	-39.04	38.85	-61.03	-13.00	48.03	184	43	Horizontal
6	12089.6300	32.45	-37.37	39.04	-61.14	-13.00	48.14	170	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	42.47	-46.27	29.48	-69.58	-13.00	56.58	298	104	Vertical
2	5181.2700	40.68	-45.30	32.98	-66.90	-13.00	53.90	122	313	Vertical
3	6908.3600	39.31	-44.05	35.97	-64.03	-13.00	51.03	263	29	Vertical
4	8635.4500	37.41	-41.46	37.81	-61.50	-13.00	48.50	210	60	Vertical
5	10362.5400	33.99	-39.04	38.85	-61.46	-13.00	48.46	140	330	Vertical
6	12089.6300	31.23	-37.37	39.04	-62.36	-13.00	49.36	172	283	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]	Height [cm]	Angle [°]	Polarity
1	3504.1800	43.24	-46.25	29.52	-68.75	-13.00	55.75	263	4	Horizontal
2	5256.2700	41.16	-45.17	32.94	-66.34	-13.00	53.34	215	329	Horizontal
3	7008.3600	40.21	-43.61	36.10	-62.56	-13.00	49.56	148	360	Horizontal
4	8760.4500	37.37	-41.42	38.02	-61.30	-13.00	48.30	188	329	Horizontal
5	10512.5400	34.28	-38.76	38.97	-60.77	-13.00	47.77	192	4	Horizontal
6	12262.6300	32.68	-37.44	39.11	-60.91	-13.00	47.91	200	222	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.1800	42.64	-46.25	29.52	-69.35	-13.00	56.35	245	88	Vertical
2	5256.2700	41.49	-45.17	32.94	-66.01	-13.00	53.01	133	344	Vertical
3	7008.3600	40.60	-43.61	36.10	-62.17	-13.00	49.17	261	134	Vertical
4	8760.4500	37.81	-41.42	38.02	-60.86	-13.00	47.86	100	286	Vertical
5	10512.5400	34.05	-38.76	38.97	-61.00	-13.00	48.00	184	74	Vertical
6	12262.6300	31.49	-37.44	39.11	-62.10	-13.00	49.10	199	120	Vertical



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Test Band = UL CA Band 2A-66A_ TM1
Test Channel = Low Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	51.32	-111.74	-60.42	-13.00	47.42	263	264	Horizontal
2	3702.18	49.18	-111.07	-61.89	-13.00	48.89	241	331	Horizontal
3	5106.27	49.24	-106.94	-57.70	-13.00	44.70	176	314	Horizontal
4	5553.27	48.53	-106.36	-57.83	-13.00	44.83	265	314	Horizontal
5	6808.36	48.03	-101.99	-53.96	-13.00	40.96	284	247	Horizontal
6	7404.36	47.75	-100.78	-53.03	-13.00	40.03	178	264	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	50.13	-111.74	-61.61	-13.00	48.61	263	49	Vertical
2	3702.18	49.80	-111.07	-61.27	-13.00	48.27	365	360	Vertical
3	5106.27	48.83	-106.94	-58.11	-13.00	45.11	251	215	Vertical
4	5553.27	49.11	-106.36	-57.25	-13.00	44.25	174	231	Vertical
5	6808.36	49.04	-101.99	-52.95	-13.00	39.95	189	280	Vertical
6	7404.36	49.35	-100.78	-51.43	-13.00	38.43	265	81	Vertical



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Test Band = UL CA Band 2A-66A_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	50.78	-111.64	-60.86	-13.00	47.86	263	63	Horizontal
2	3742.18	52.53	-110.86	-58.33	-13.00	45.33	251	3	Horizontal
3	5181.27	48.82	-106.84	-58.02	-13.00	45.02	174	360	Horizontal
4	5613.27	50.69	-106.14	-55.45	-13.00	42.45	262	360	Horizontal
5	6908.36	47.76	-101.69	-53.93	-13.00	40.93	284	352	Horizontal
6	7484.36	47.29	-100.43	-53.14	-13.00	40.14	176	130	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	50.91	-111.64	-60.73	-13.00	47.73	214	360	Vertical
2	3742.18	50.57	-110.86	-60.29	-13.00	47.29	175	262	Vertical
3	5181.27	50.57	-106.84	-56.27	-13.00	43.27	265	181	Vertical
4	5613.27	50.34	-106.14	-55.80	-13.00	42.80	251	358	Vertical
5	6908.36	47.73	-101.69	-53.96	-13.00	40.96	148	359	Vertical
6	7484.36	48.45	-100.43	-51.98	-13.00	38.98	188	360	Vertical



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Test Band = UL CA Band 2A-66A_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	50.80	-111.52	-60.72	-13.00	47.72	263	211	Horizontal
2	3782.18	54.05	-110.66	-56.61	-13.00	43.61	241	163	Horizontal
3	5256.27	51.16	-106.73	-55.57	-13.00	42.57	176	99	Horizontal
4	5673.27	51.10	-105.88	-54.78	-13.00	41.78	262	99	Horizontal
5	7008.36	48.90	-101.63	-52.73	-13.00	39.73	362	163	Horizontal
6	7564.36	48.78	-100.01	-51.23	-13.00	38.23	241	194	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	50.75	-111.52	-60.77	-13.00	47.77	265	360	Vertical
2	3782.18	52.54	-110.66	-58.12	-13.00	45.12	241	162	Vertical
3	5256.27	50.45	-106.73	-56.28	-13.00	43.28	176	98	Vertical
4	5673.27	49.14	-105.88	-56.74	-13.00	43.74	294	16	Vertical
5	7008.36	47.83	-101.63	-53.80	-13.00	40.80	186	351	Vertical
6	7564.36	49.49	-100.01	-50.52	-13.00	37.52	247	340	Vertical



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Test Band = UL CA Band 5A-66A_ TM1
Test Channel = Low Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	41.68	-94.97	-53.29	-13.00	40.29	262	11	Horizontal
2	2473.77	41.00	-91.42	-50.42	-13.00	37.42	251	17	Horizontal
3	3298.36	50.56	-111.65	-61.09	-13.00	48.09	174	276	Horizontal
4	3404.18	51.80	-111.74	-59.94	-13.00	46.94	186	309	Horizontal
5	5106.27	49.19	-106.94	-57.75	-13.00	44.75	102	359	Horizontal
6	6808.36	50.28	-101.99	-51.71	-13.00	38.71	109	357	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1649.18	42.50	-94.97	-52.47	-13.00	39.47	263	309	Vertical
2	2473.77	41.21	-91.42	-50.21	-13.00	37.21	241	109	Vertical
3	3298.36	51.15	-111.65	-60.50	-13.00	47.50	177	163	Vertical
4	3404.18	51.90	-111.74	-59.84	-13.00	46.84	156	359	Vertical
5	5106.27	49.45	-106.94	-57.49	-13.00	44.49	366	358	Vertical
6	6808.36	50.59	-101.99	-51.40	-13.00	38.40	354	360	Vertical



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Test Band = UL CA Band 5A-66A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	40.77	-94.93	-54.16	-13.00	41.16	162	224	Horizontal
2	2496.27	40.91	-91.26	-50.35	-13.00	37.35	241	172	Horizontal
3	3328.36	51.64	-111.69	-60.05	-13.00	47.05	176	197	Horizontal
4	3454.18	52.29	-111.64	-59.35	-13.00	46.35	284	248	Horizontal
5	5181.27	49.19	-106.84	-57.65	-13.00	44.65	196	360	Horizontal
6	6908.36	47.07	-101.69	-54.62	-13.00	41.62	254	248	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.18	41.84	-94.93	-53.09	-13.00	40.09	263	164	Vertical
2	2496.27	40.95	-91.26	-50.31	-13.00	37.31	241	80	Vertical
3	3328.36	51.47	-111.69	-60.22	-13.00	47.22	176	3	Vertical
4	3454.18	51.15	-111.64	-60.49	-13.00	47.49	284	358	Vertical
5	5181.27	49.39	-106.84	-57.45	-13.00	44.45	175	230	Vertical
6	6908.36	48.11	-101.69	-53.58	-13.00	40.58	265	360	Vertical



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Test Band = UL CA Band 5A-66A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	41.00	-94.89	-53.89	-13.00	40.89	263	108	Horizontal
2	2518.77	40.81	-91.20	-50.39	-13.00	37.39	251	2	Horizontal
3	3358.36	51.52	-111.71	-60.19	-13.00	47.19	174	358	Horizontal
4	3504.18	50.29	-111.52	-61.23	-13.00	48.23	186	358	Horizontal
5	5256.27	51.52	-106.73	-55.21	-13.00	42.21	264	360	Horizontal
6	7008.36	47.79	-101.63	-53.84	-13.00	40.84	188	245	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.18	40.71	-94.89	-54.18	-13.00	41.18	263	131	Vertical
2	2518.77	41.34	-91.20	-49.86	-13.00	36.86	241	33	Vertical
3	3358.36	50.91	-111.71	-60.80	-13.00	47.80	178	111	Vertical
4	3504.18	51.12	-111.52	-60.40	-13.00	47.40	264	291	Vertical
5	5256.27	51.85	-106.73	-54.88	-13.00	41.88	265	360	Vertical
6	7008.36	48.22	-101.63	-53.41	-13.00	40.41	214	47	Vertical



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Test Band = UL CA Band 13A-66A_ TM1
Test Channel = Low Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	41.20	-95.17	-53.97	-13.00	40.97	263	282	Horizontal
2	2332.5	46.79	-92.24	-45.45	-13.00	32.45	163	133	Horizontal
3	3119.36	51.45	-111.58	-60.13	-13.00	47.13	176	0	Horizontal
4	3454.18	50.06	-111.64	-61.58	-13.00	48.58	284	295	Horizontal
5	5181.27	49.76	-106.84	-57.08	-13.00	44.08	175	131	Horizontal
6	6908.36	49.48	-101.69	-52.21	-13.00	39.21	268	131	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	40.11	-95.17	-55.06	-13.00	42.06	263	3	Vertical
2	2339.52	40.96	-92.21	-51.25	-13.00	38.25	251	360	Vertical
3	3119.36	50.61	-111.58	-60.97	-13.00	47.97	174	10	Vertical
4	3454.18	51.57	-111.64	-60.07	-13.00	47.07	162	249	Vertical
5	5181.27	49.37	-106.84	-57.47	-13.00	44.47	284	357	Vertical
6	6908.36	48.14	-101.69	-53.55	-13.00	40.55	186	297	Vertical



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Test Band = UL CA Band 13A-66A_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	41.58	-95.17	-53.59	-13.00	40.59	251	358	Horizontal
2	2339.52	47.53	-92.21	-44.68	-13.00	31.68	142	145	Horizontal
3	3119.36	52.79	-111.58	-58.79	-13.00	45.79	263	248	Horizontal
4	3454.18	49.69	-111.64	-61.95	-13.00	48.95	284	181	Horizontal
5	5181.27	48.97	-106.84	-57.87	-13.00	44.87	176	115	Horizontal
6	6908.36	47.79	-101.69	-53.90	-13.00	40.90	244	198	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	41.06	-95.17	-54.11	-13.00	41.11	263	40	Vertical
2	2339.52	40.70	-92.21	-51.51	-13.00	38.51	241	353	Vertical
3	3119.36	51.23	-111.58	-60.35	-13.00	47.35	176	312	Vertical
4	3454.18	50.57	-111.64	-61.07	-13.00	48.07	284	328	Vertical
5	5181.27	50.71	-106.84	-56.13	-13.00	43.13	188	162	Vertical
6	6908.36	48.45	-101.69	-53.24	-13.00	40.24	263	296	Vertical



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Test Band = UL CA Band 13A-66A_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	39.98	-95.16	-55.18	-13.00	42.18	263	322	Horizontal
2	2347	50.56	-92.18	-41.62	-13.00	28.62	241	133	Horizontal
3	3129.36	51.30	-111.55	-60.25	-13.00	47.25	176	198	Horizontal
4	3504.18	50.12	-111.52	-61.40	-13.00	48.40	284	0	Horizontal
5	5256.27	50.67	-106.73	-56.06	-13.00	43.06	169	198	Horizontal
6	7008.36	47.92	-101.63	-53.71	-13.00	40.71	362	357	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	41.40	-95.16	-53.76	-13.00	40.76	263	324	Vertical
2	2347.02	40.69	-92.18	-51.49	-13.00	38.49	241	269	Vertical
3	3129.36	50.70	-111.55	-60.85	-13.00	47.85	176	229	Vertical
4	3504.18	50.51	-111.52	-61.01	-13.00	48.01	284	0	Vertical
5	5256.27	49.63	-106.73	-57.10	-13.00	44.10	196	2	Vertical
6	7008.36	47.55	-101.63	-54.08	-13.00	41.08	266	7	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	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.40	-0.000229	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-0.70	-0.000401	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	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.70	-0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.70	0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-1.80	-0.001032	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-0.70	-0.000401	PASS

---End of Attachment---



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