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Appendix B.13

LTE Band 66



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t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

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	22.64	24.64	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.77	24.77	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.56	24.56	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.79	23.79	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.95	24.95	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.12	25.12	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.01	25.01	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.11	24.11	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.64	24.64	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.66	24.66	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.5	24.5	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.64	23.64	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.43	23.43	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.57	23.57	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.8	23.8	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.92	22.92	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.24	24.24	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.92	23.92	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.59	23.59	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.11	23.11	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.32	23.32	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.55	23.55	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.15	23.15	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.79	22.79	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.59	22.59	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.82	22.82	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.67	22.67	30	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	19.62	21.62	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.22	23.22	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.11	23.11	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.2	23.2	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.02	22.02	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.43	22.43	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.64	22.64	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.05	23.05	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.66	21.66	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.84	24.84	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.66	24.66	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.7	24.7	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.81	23.81	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.18	25.18	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.97	24.97	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.16	25.16	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.05	24.05	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.79	24.79	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.76	24.76	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.76	24.76	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.76	23.76	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.32	23.32	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.71	23.71	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.53	23.53	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.67	22.67	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.26	24.26	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.6	23.6	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.6	23.6	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.2	23.2	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.1	23.1	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	20.99	22.99	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.4	23.4	30	PASS



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Band66	3MHz	16QAM	132657	15RB#0	20.81	22.81	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.94	22.94	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.89	22.89	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.56	22.56	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.79	21.79	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.92	22.92	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.13	23.13	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.9	22.9	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.2	22.2	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.52	22.52	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.67	22.67	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.17	23.17	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.79	21.79	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.83	24.83	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.71	24.71	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.82	24.82	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.74	23.74	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.94	24.94	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.2	25.2	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.91	24.91	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.05	24.05	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.76	24.76	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.72	24.72	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.57	24.57	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.73	23.73	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.31	23.31	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.42	23.42	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.27	23.27	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.86	22.86	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.84	23.84	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.71	23.71	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.64	23.64	30	PASS



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Band66	5MHz	16QAM	132322	25RB#0	21.1	23.1	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.32	23.32	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.3	23.3	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.43	23.43	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.77	22.77	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.88	22.88	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21	23	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.94	22.94	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.78	21.78	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.02	23.02	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.39	23.39	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.06	23.06	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.97	21.97	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.68	22.68	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.92	22.92	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.38	22.38	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.77	21.77	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.68	24.68	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.71	24.71	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.9	24.9	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.92	23.92	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.09	25.09	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.22	25.22	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.28	25.28	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.09	24.09	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.57	24.57	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.7	24.7	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.57	24.57	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.7	23.7	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.41	23.41	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.77	23.77	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.55	23.55	30	PASS



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Band66	10MHz	16QAM	132022	50RB#0	20.96	22.96	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.76	23.76	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.52	23.52	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.82	23.82	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.1	23.1	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.52	23.52	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.82	23.82	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.79	23.79	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.85	22.85	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.58	22.58	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21	23	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.77	22.77	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.84	21.84	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.88	22.88	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.39	23.39	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.04	23.04	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.1	22.1	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.58	22.58	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.61	22.61	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.95	22.95	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.72	21.72	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.44	24.44	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.67	24.67	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.77	24.77	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.75	23.75	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.84	24.84	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.99	24.99	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.96	24.96	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.94	23.94	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.67	24.67	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.55	24.55	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.55	24.55	30	PASS



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Band66	15MHz	16QAM	132047	1RB#0	21.55	23.55	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.39	23.39	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.71	23.71	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.84	22.84	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.06	24.06	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.85	23.85	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.6	23.6	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.11	23.11	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.35	23.35	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.31	23.31	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.06	23.06	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.75	22.75	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.84	22.84	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.14	23.14	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.24	23.24	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.82	21.82	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.76	22.76	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.79	22.79	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.3	23.3	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.98	21.98	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.72	22.72	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.57	22.57	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.51	22.51	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.73	21.73	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.39	24.39	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.81	24.81	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.76	24.76	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.89	23.89	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.93	24.93	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.1	25.1	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.98	24.98	30	PASS



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Band66	20MHz	QPSK	132322	100RB#0	22.08	24.08	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.68	24.68	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.75	24.75	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.57	24.57	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.69	23.69	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.39	23.39	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.09	24.09	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.85	23.85	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.79	22.79	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.45	23.45	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.04	24.04	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.53	23.53	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.09	23.09	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.32	23.32	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.97	23.97	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	20.99	22.99	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.8	22.8	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.92	22.92	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.05	23.05	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.77	22.77	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.78	21.78	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.71	22.71	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.39	23.39	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.22	23.22	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.08	22.08	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.89	22.89	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.21	23.21	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.48	22.48	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.88	21.88	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	5.32	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.32	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.20	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.14	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.20	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.10	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.74	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.72	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.62	13	PASS



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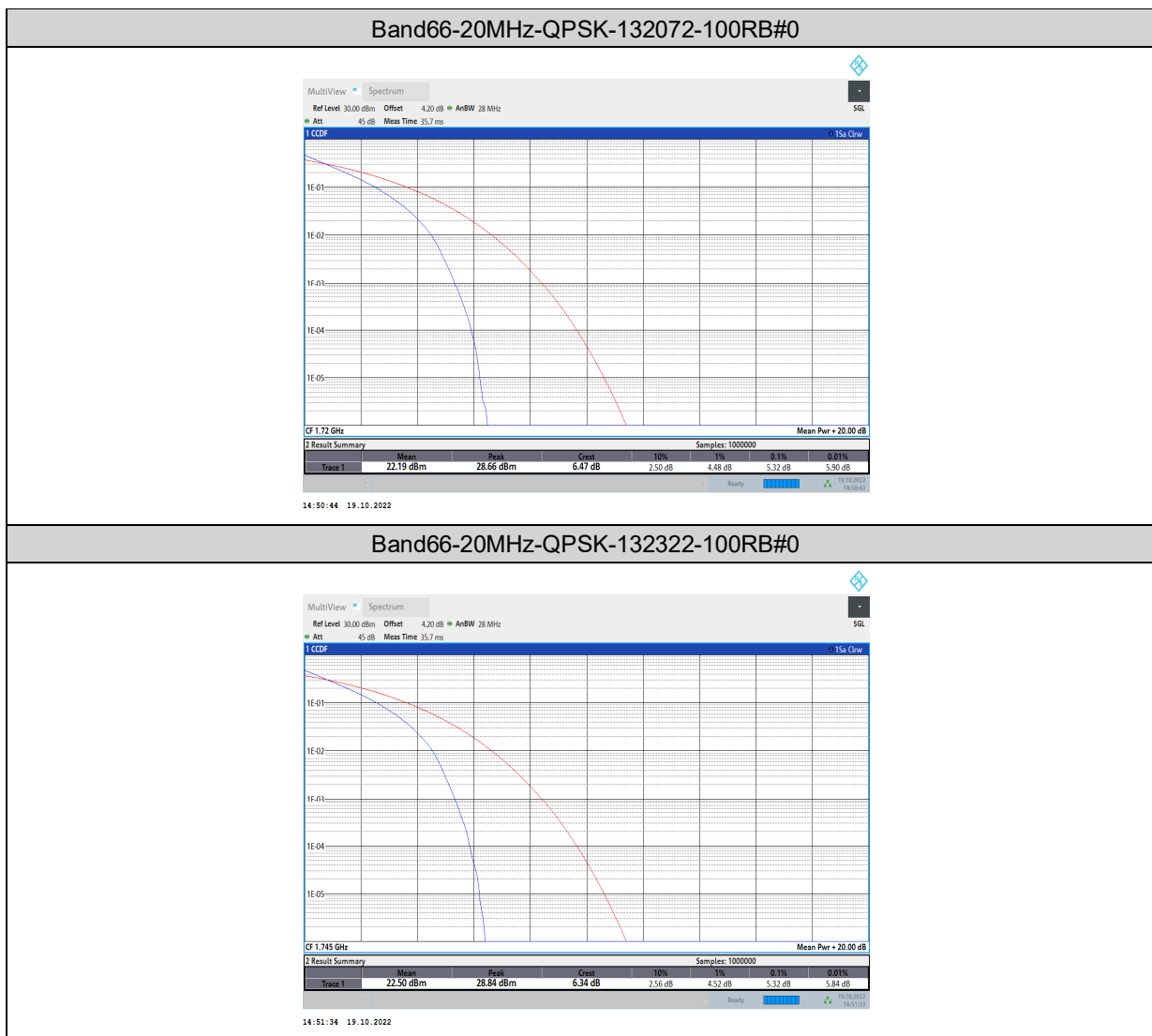
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Test Graphs



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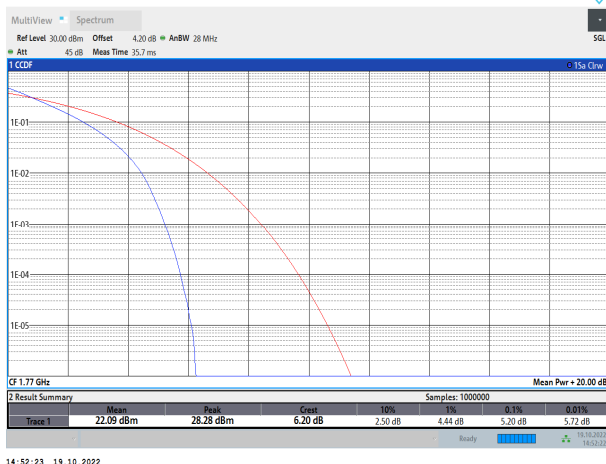
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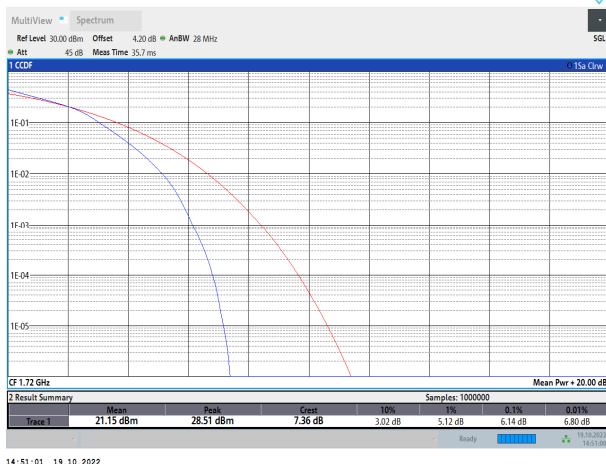
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Band66-20MHz-QPSK-132572-100RB#0



14:52:23 19.10.2022

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



14:51:01 19.10.2022



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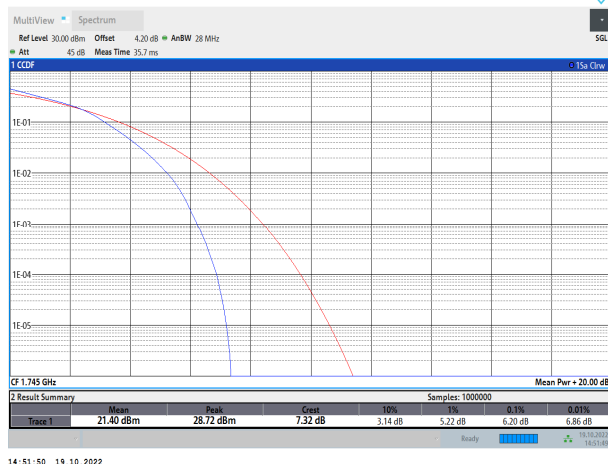
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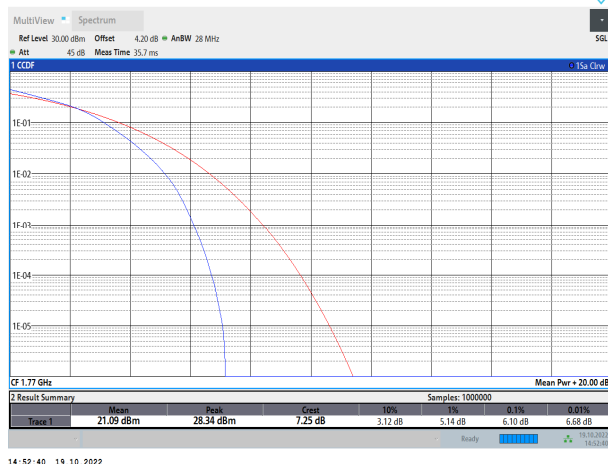
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Band66-20MHz-16QAM-132322-100RB#0



14:51:50 19.10.2022

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



14:52:40 19.10.2022



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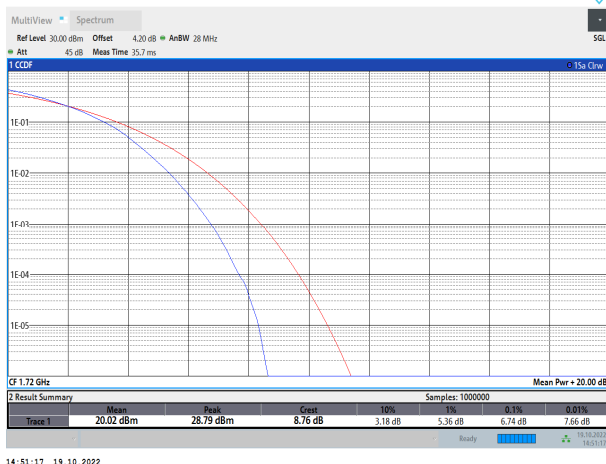
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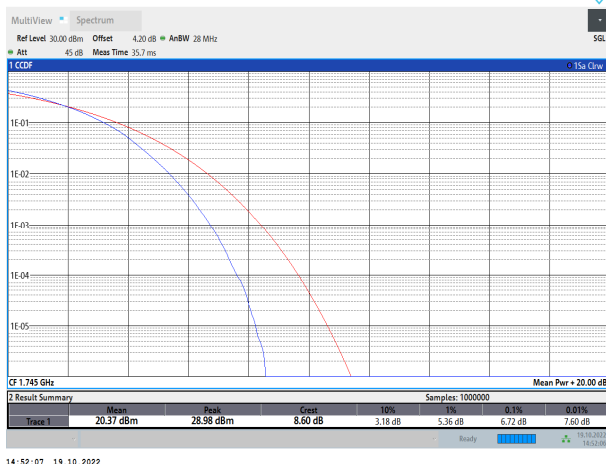
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Band66-20MHz-64QAM-132072-100RB#0



14:51:17 19.10.2022

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



14:52:07 19.10.2022



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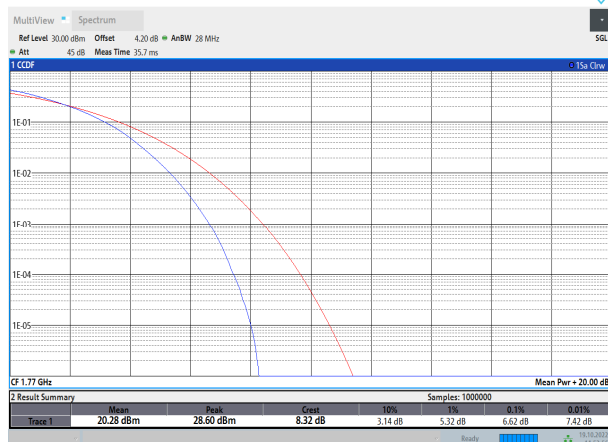
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Band66-20MHz-64QAM-132572-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS
Band66	20MHz	64QAM	132322	100RB#0	PASS	PASS



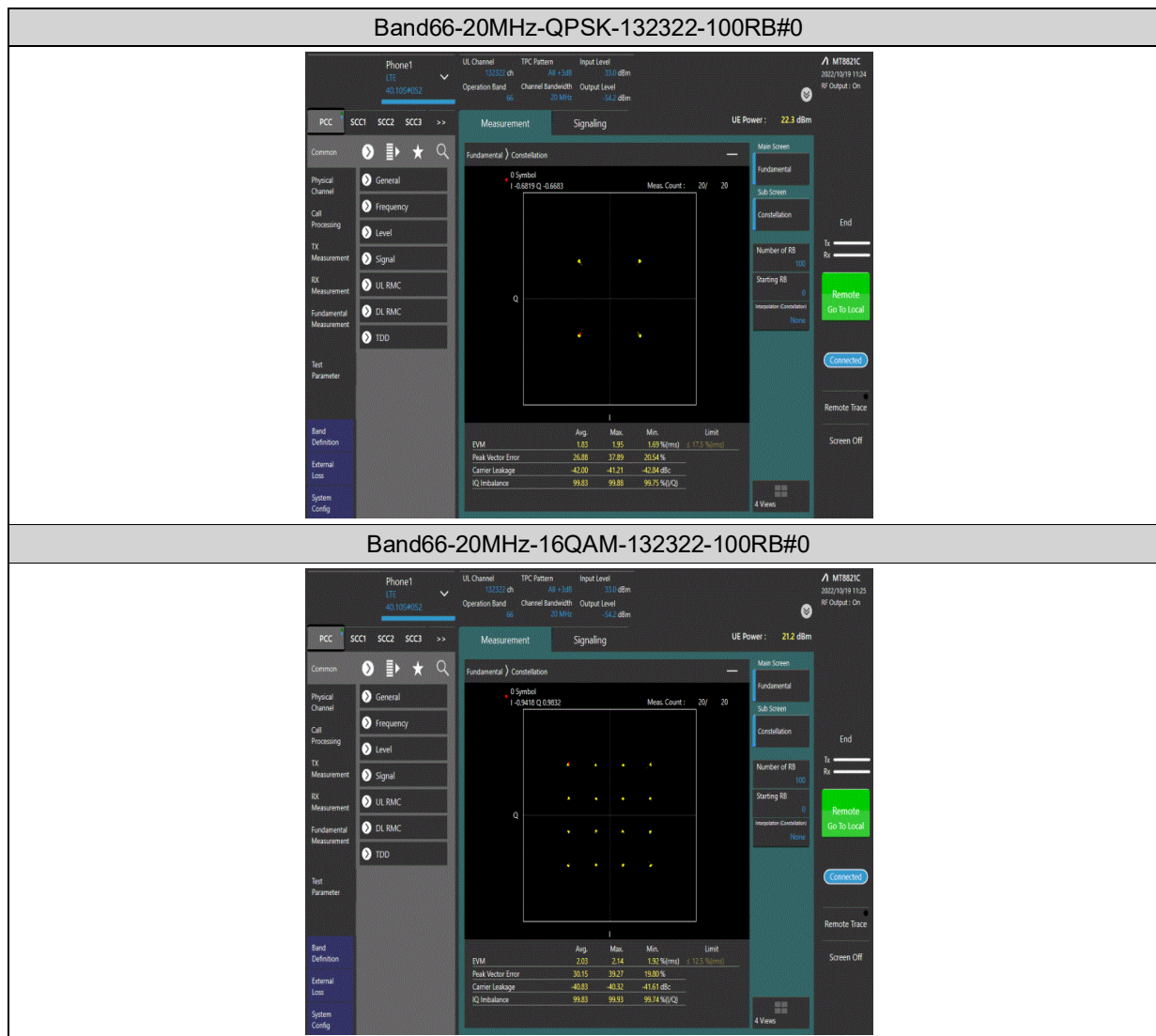
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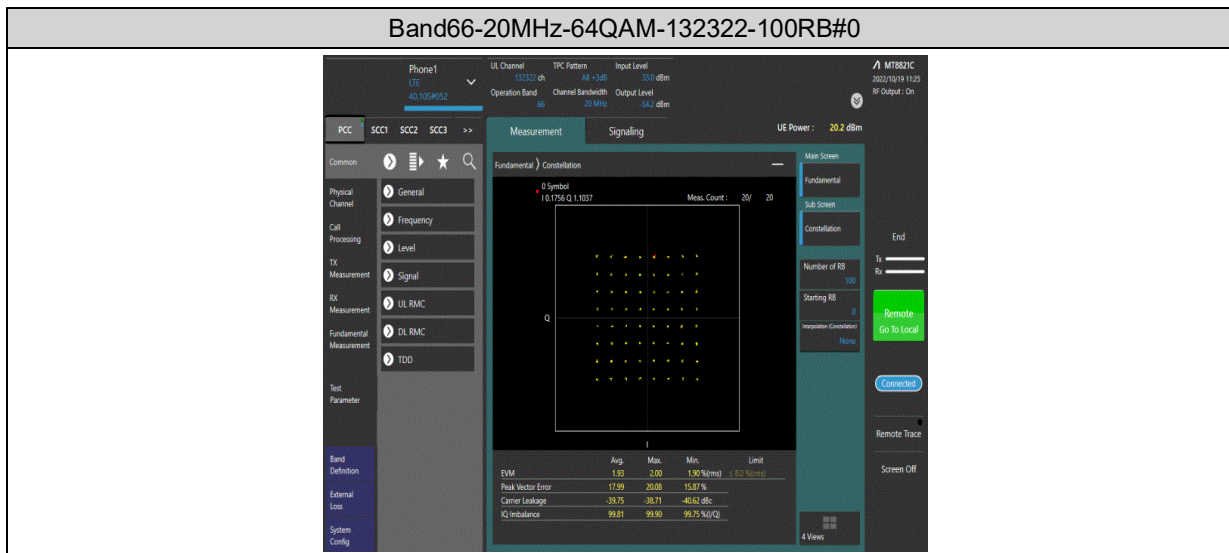


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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.087	1.28	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.087	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.086	1.28	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.097	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.102	1.30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.097	1.30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.096	1.30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.096	1.30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.097	1.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.694	2.96	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.695	2.96	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.69	2.97	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.69	2.96	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.691	2.97	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.688	2.97	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.688	2.96	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.688	2.96	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.684	2.96	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.473	4.91	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.471	4.90	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.47	4.91	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.466	4.96	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.469	4.96	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.466	4.94	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.48	4.96	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.478	4.94	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.481	4.93	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.92	9.68	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.926	9.68	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.9	9.68	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.901	9.70	PASS



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Band66	10MHz	16QAM	132322	50RB#0	8.901	9.66	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.905	9.66	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.923	9.66	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.915	9.72	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.916	9.58	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.454	14.76	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.433	14.70	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.423	14.76	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.442	14.79	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.418	14.70	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.408	14.82	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.421	14.76	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.412	14.82	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.396	14.70	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.896	19.48	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.88	19.48	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.863	19.40	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.887	19.32	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.837	19.32	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.834	19.32	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.868	19.44	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.852	19.40	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.832	19.48	PASS



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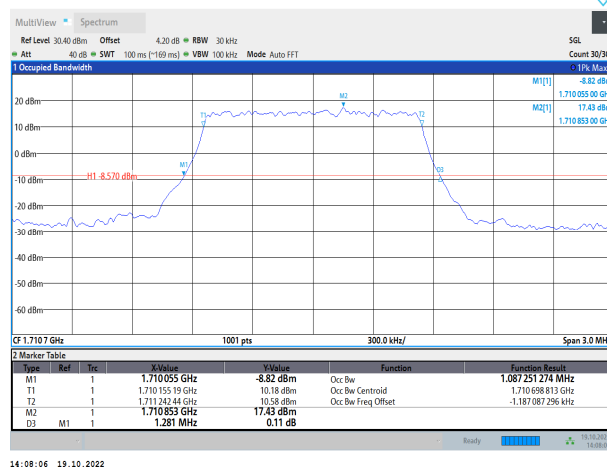
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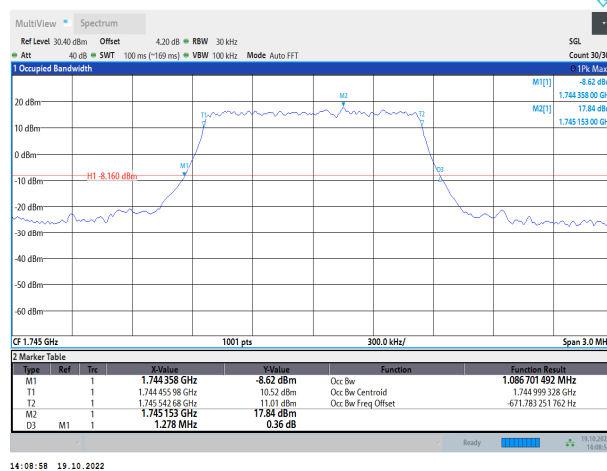
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Test Graphs

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



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



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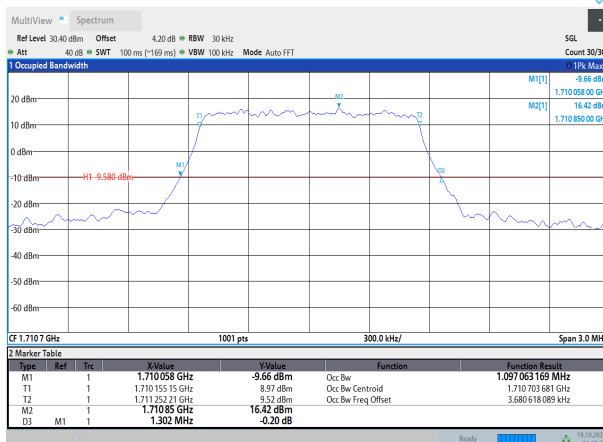
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Band66-1.4MHz-QPSK-132665-6RB#0



14:09:50 19.10.2022

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



14:08:24 19.10.2022



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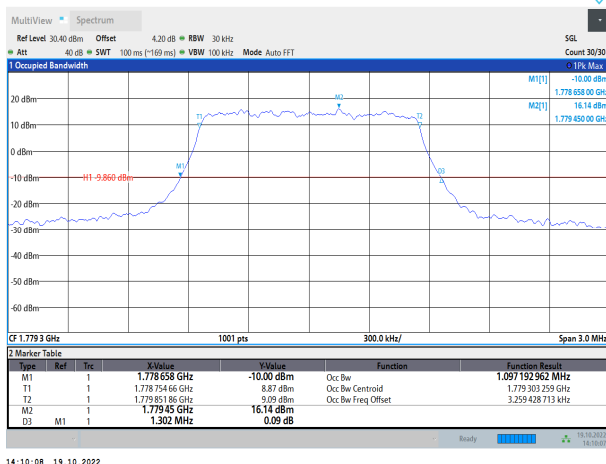
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Band66-1.4MHz-16QAM-132322-6RB#0



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

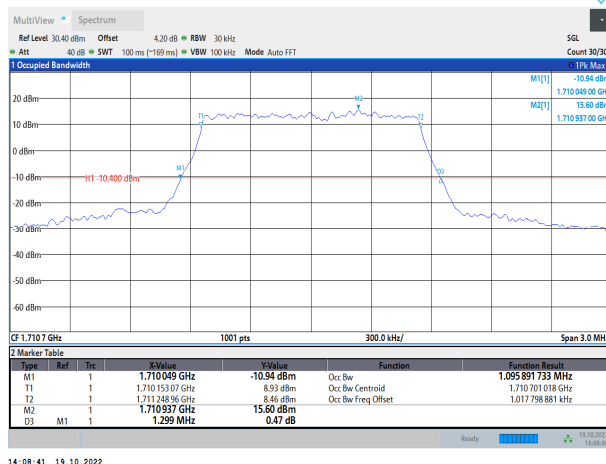


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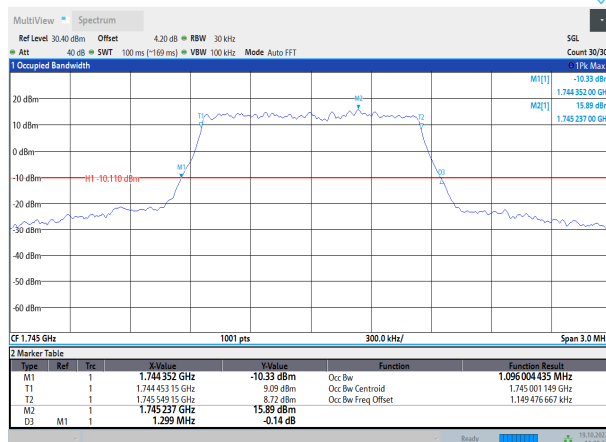
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Band66-1.4MHz-64QAM-131979-6RB#0



14:08:41 19.10.2022

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



14:09:33 19.10.2022

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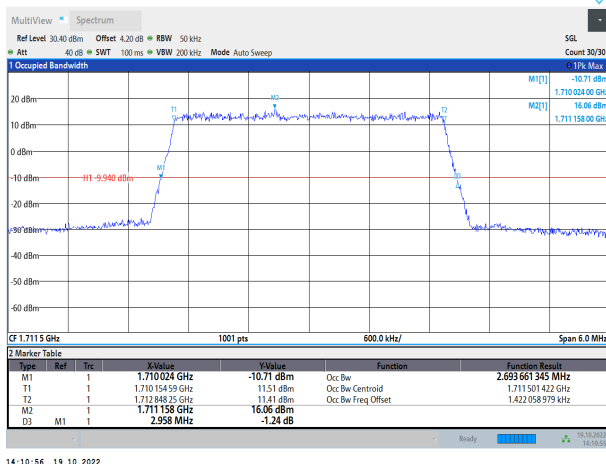
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Band66-1.4MHz-64QAM-132665-6RB#0



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



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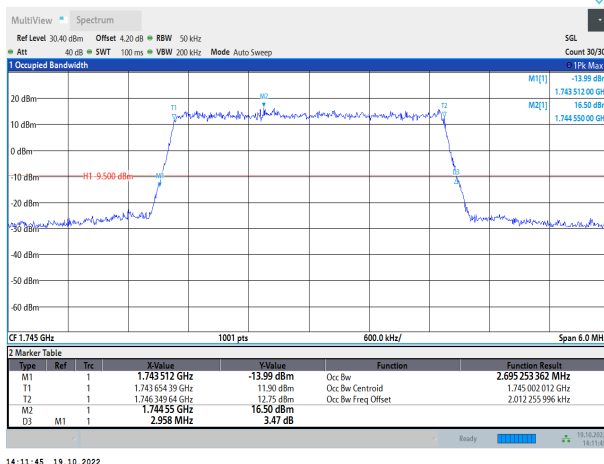
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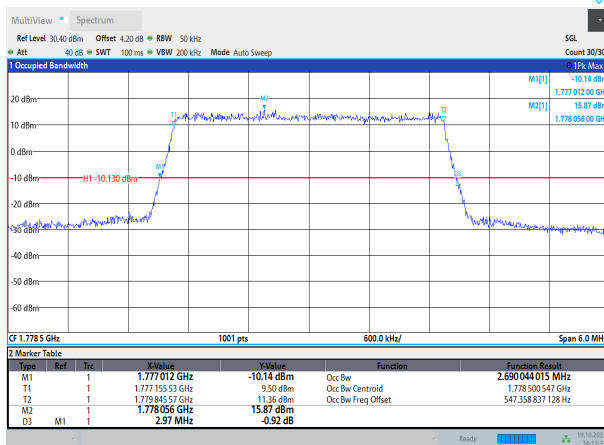
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Band66-3MHz-QPSK-132322-15RB#0



14:11:45 19.10.2022

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



14:12:34 19.10.2022



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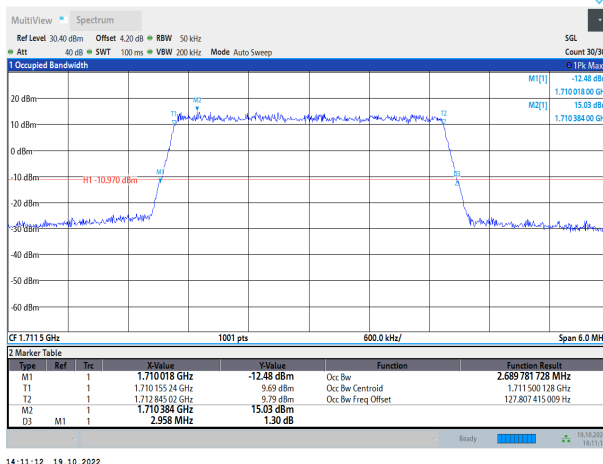
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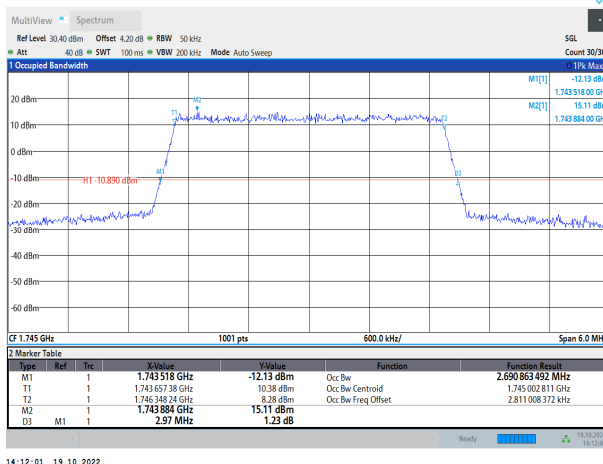
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Band66-3MHz-16QAM-131987-15RB#0



14:11:12 19.10.2022

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



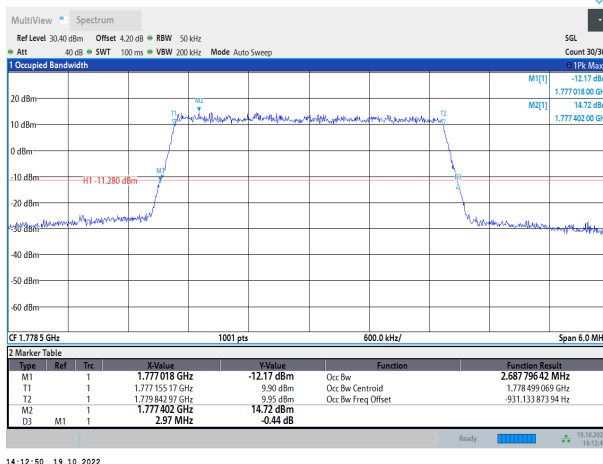
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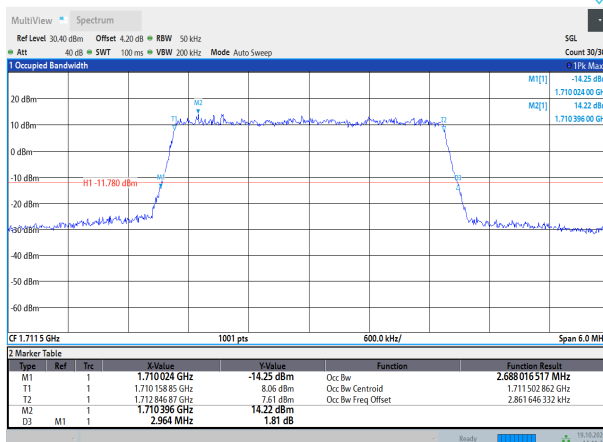
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Band66-3MHz-16QAM-132657-15RB#0



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Band66-3MHz-64QAM-131987-15RB#0



14:11:29 19.10.2022



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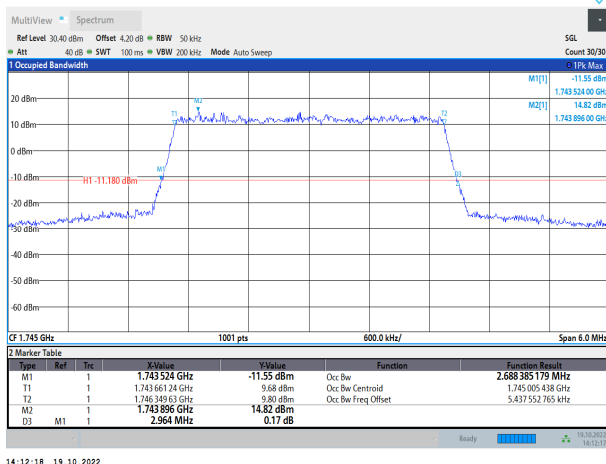
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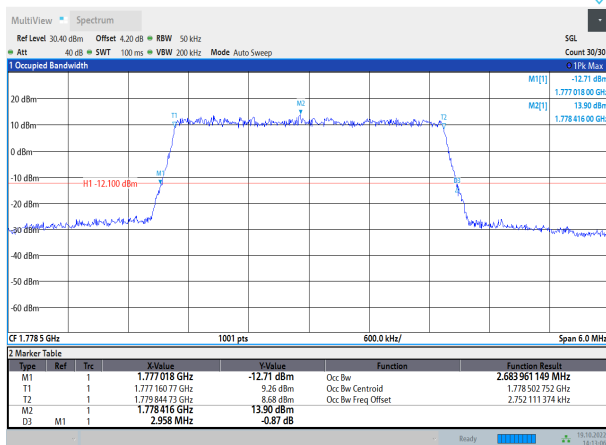
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Band66-3MHz-64QAM-132322-15RB#0



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Band66-3MHz-64QAM-132657-15RB#0



14:13:07 19.10.2022



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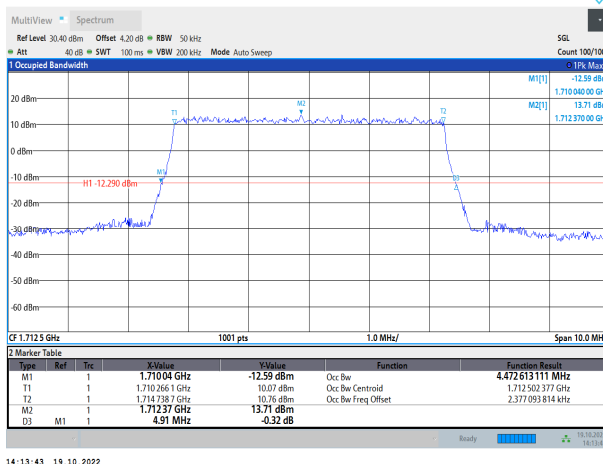
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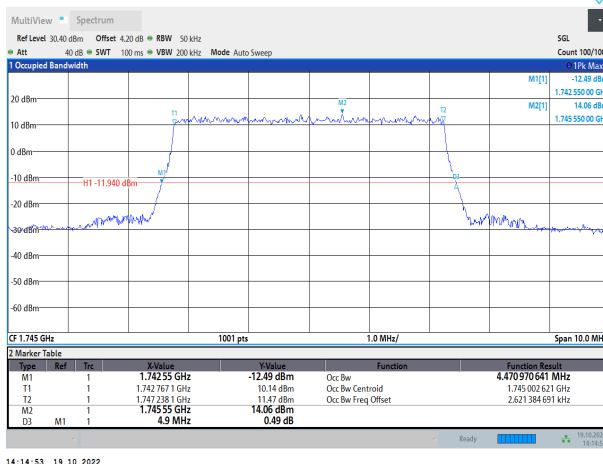
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Band66-5MHz-QPSK-131997-25RB#0



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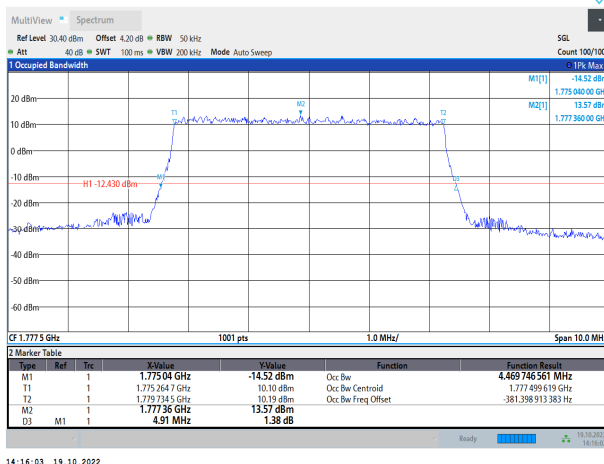
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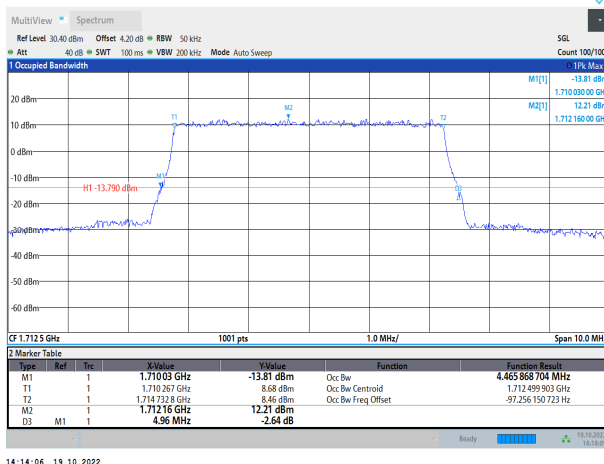
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Band66-5MHz-QPSK-132647-25RB#0



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

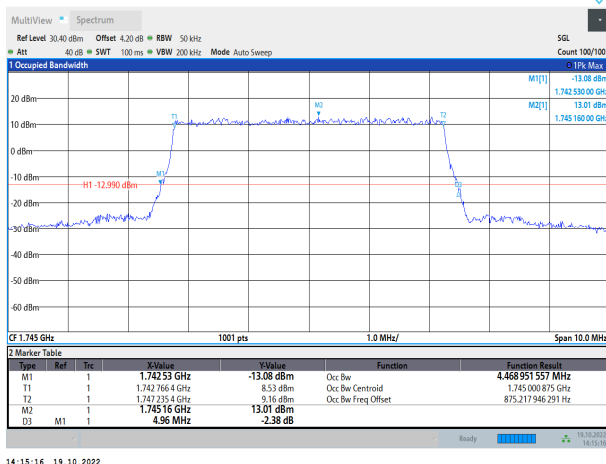


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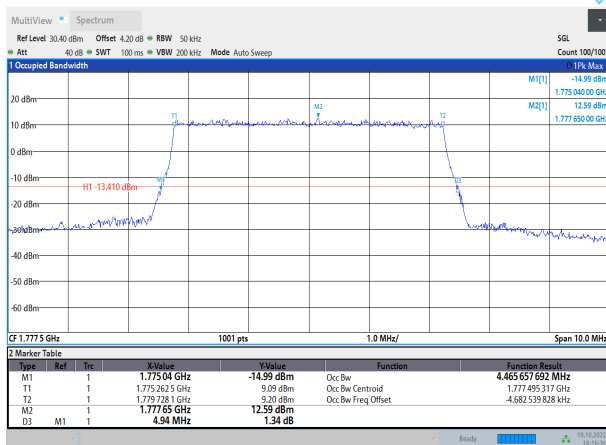
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Band66-5MHz-16QAM-132322-25RB#0



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



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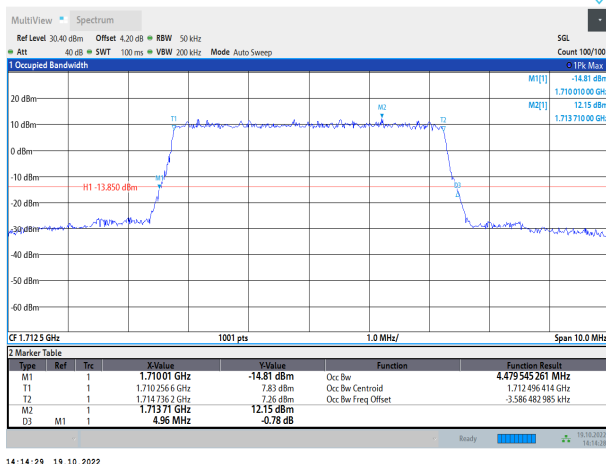
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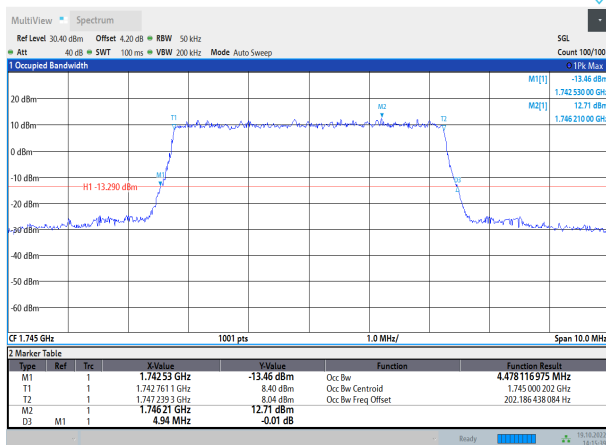
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Band66-5MHz-64QAM-131997-25RB#0



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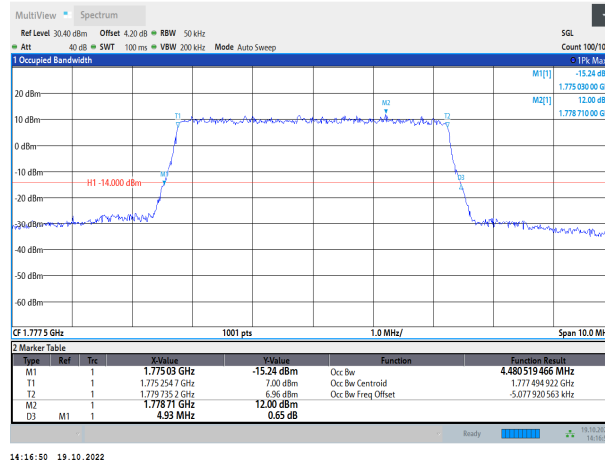
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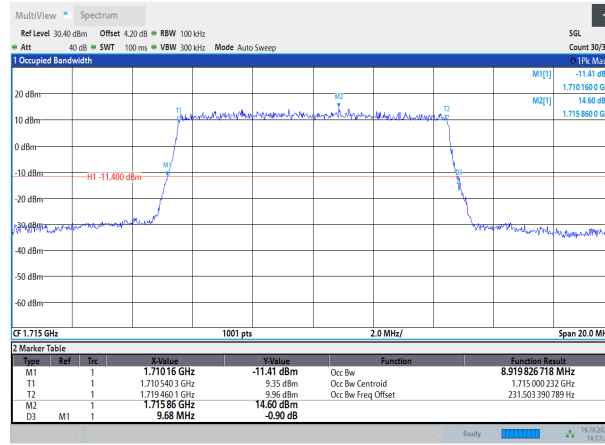
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14:16:50 19.10.2022

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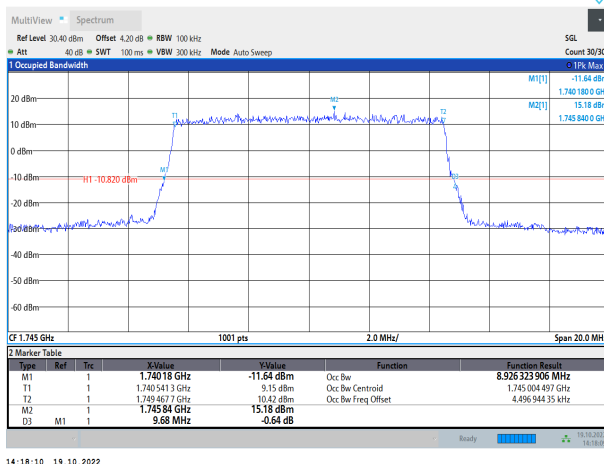
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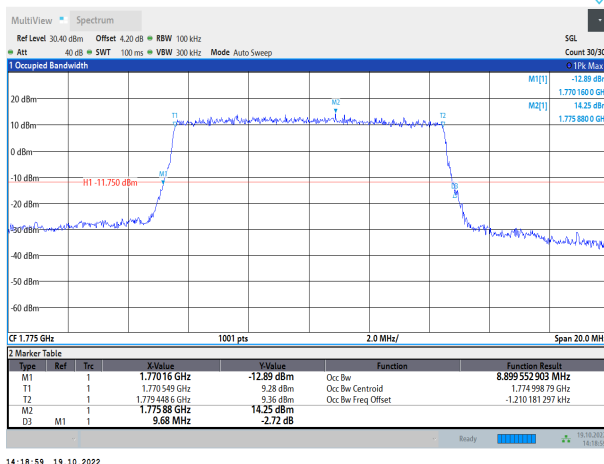
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Band66-10MHz-QPSK-132622-50RB#0

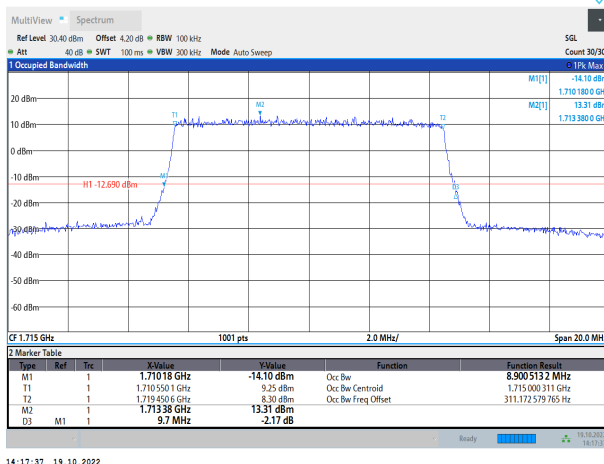


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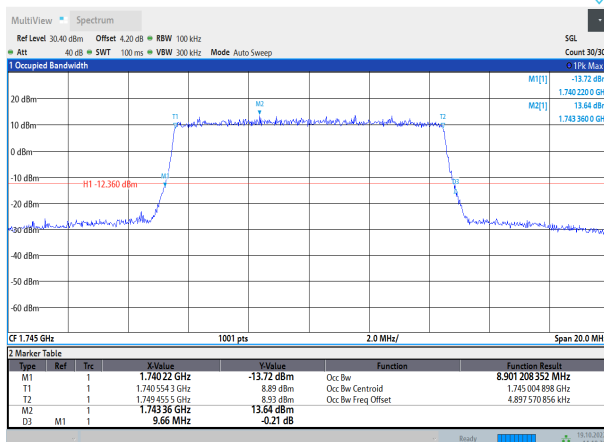
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Band66-10MHz-16QAM-132022-50RB#0



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



14:18:27 19.10.2022



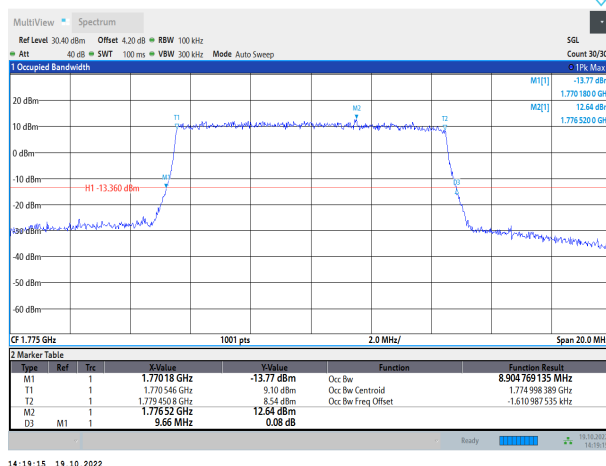
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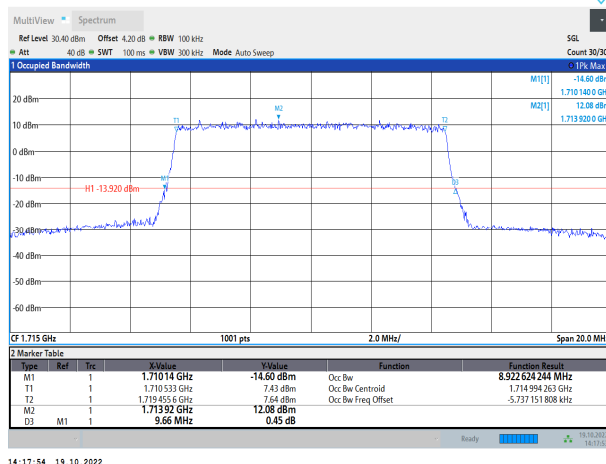
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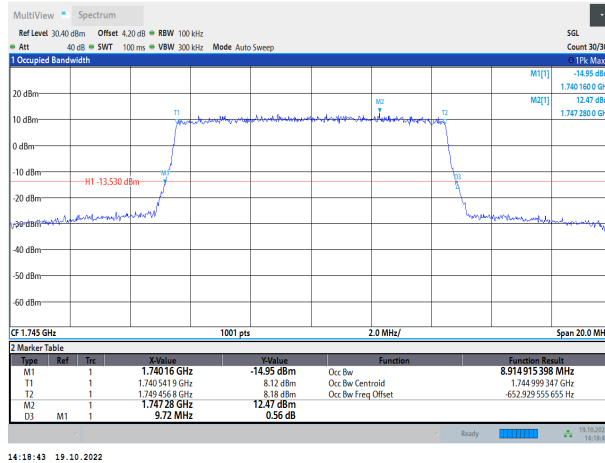
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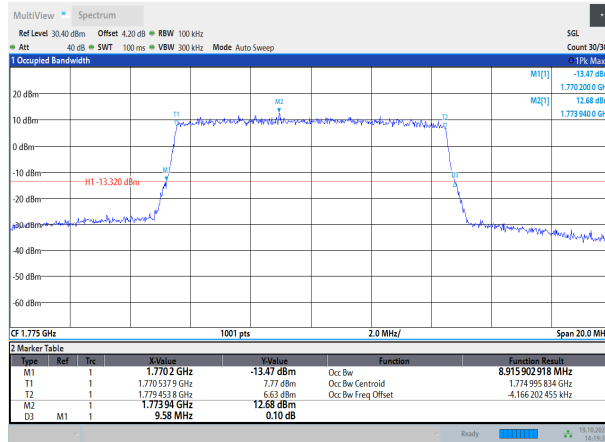
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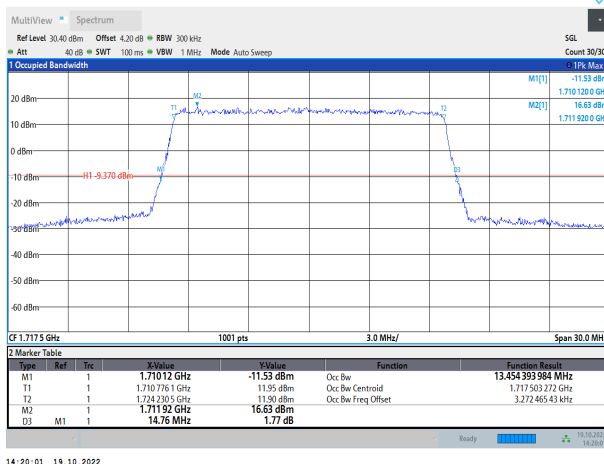
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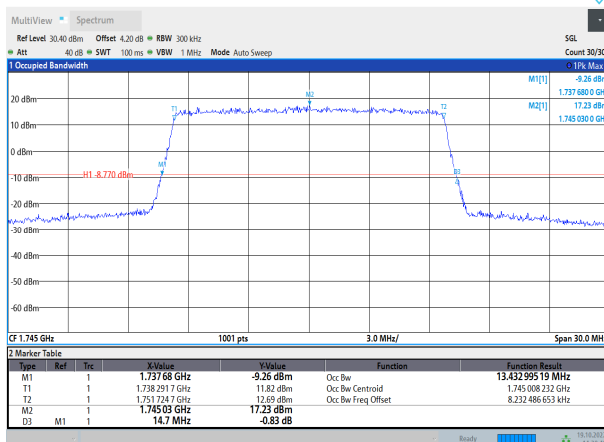
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Band66-15MHz-QPSK-132047-75RB#0



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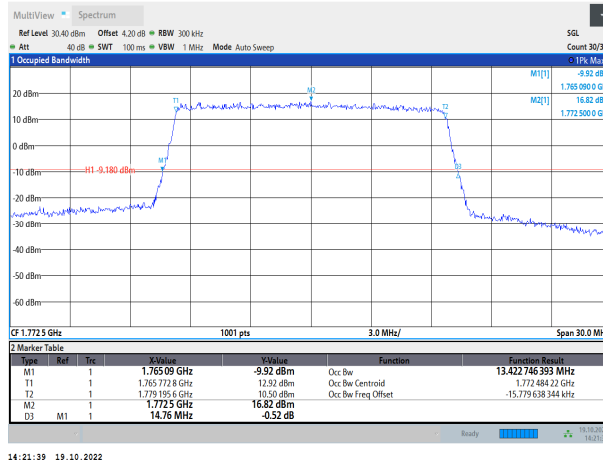
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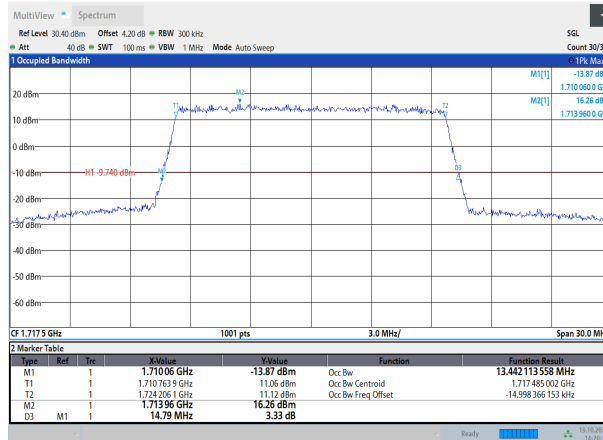
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Band66-15MHz-16QAM-132047-75RB#0



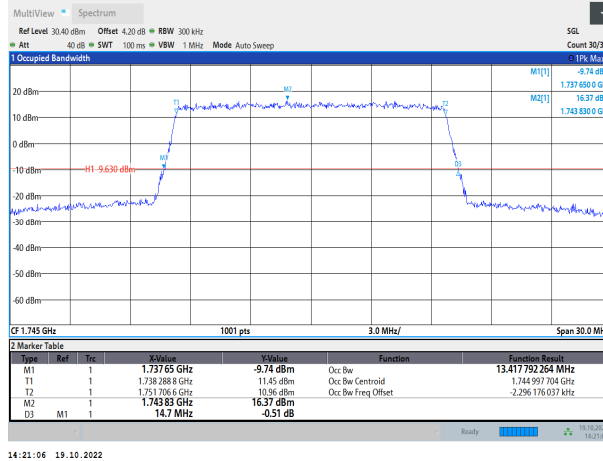
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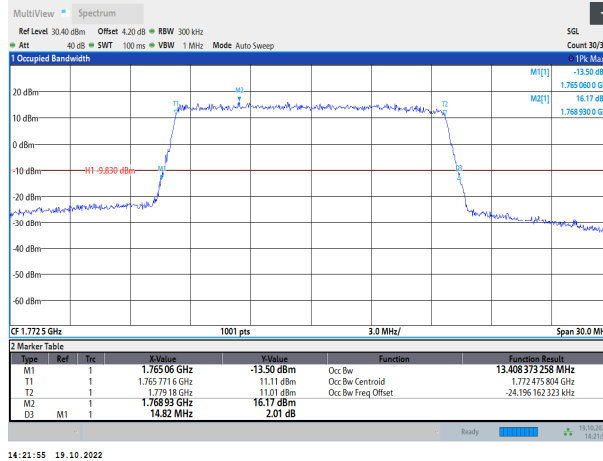
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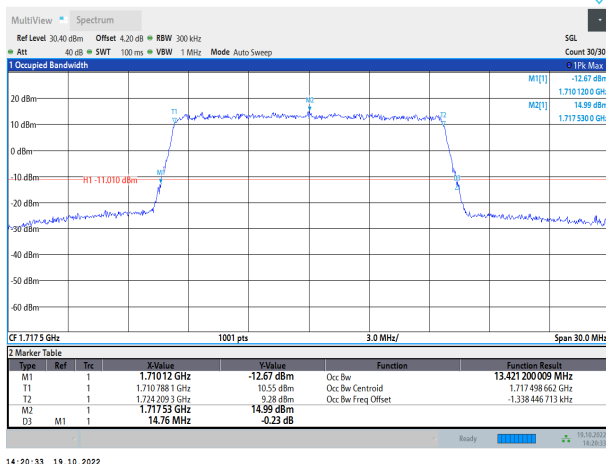
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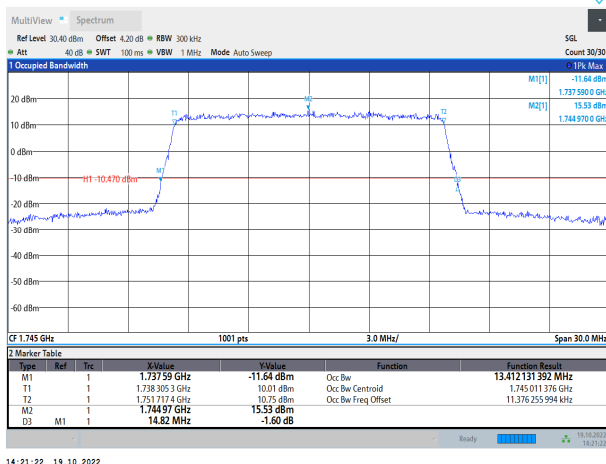
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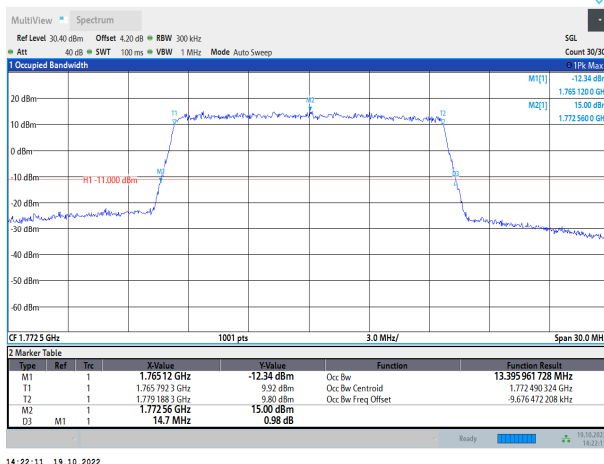
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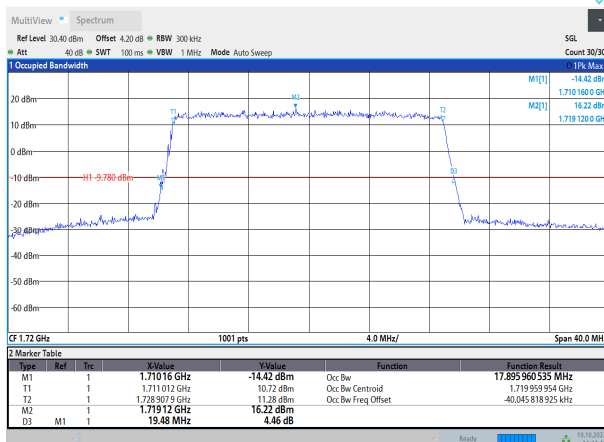
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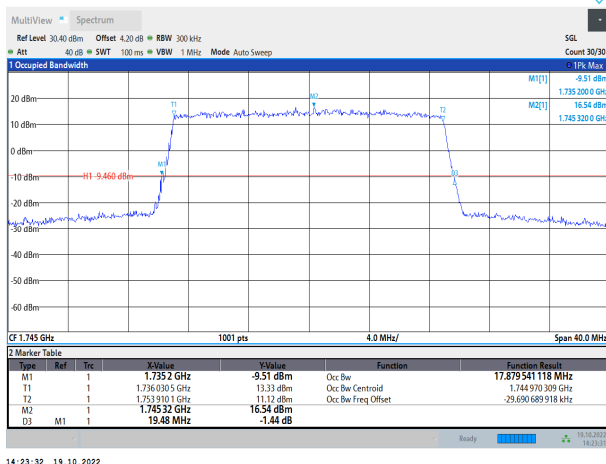
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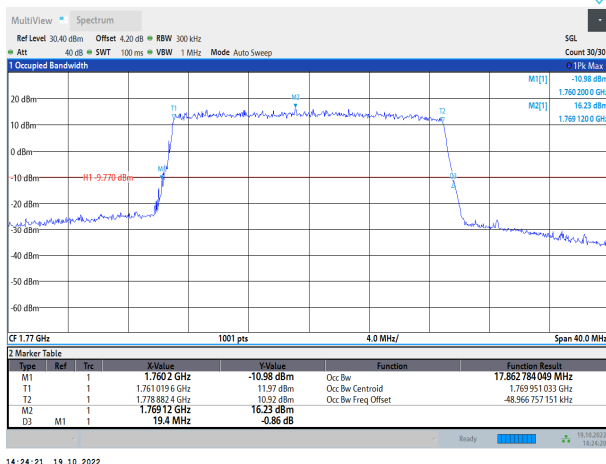
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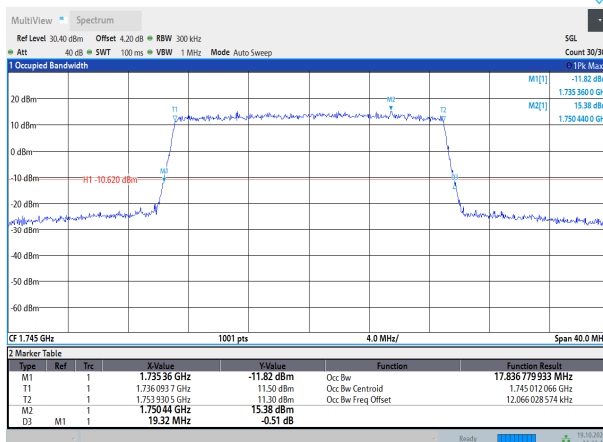
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Band66-20MHz-16QAM-132322-100RB#0



14:23:48 19.10.2022



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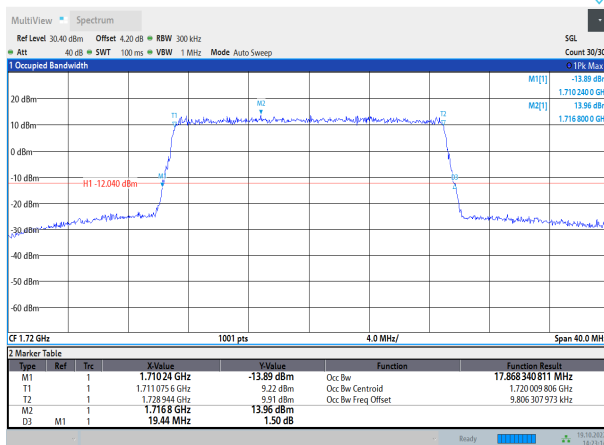
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Band66-20MHz-16QAM-132572-100RB#0



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



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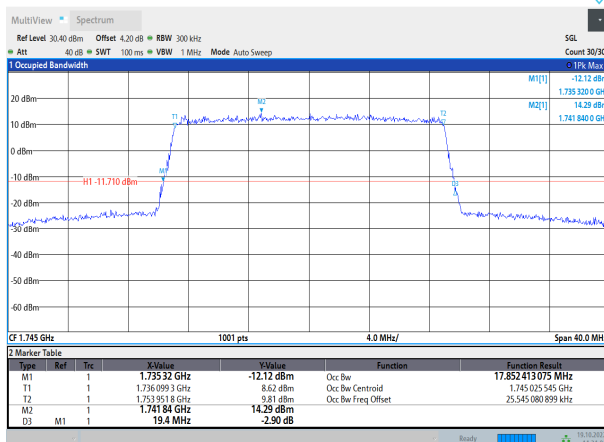
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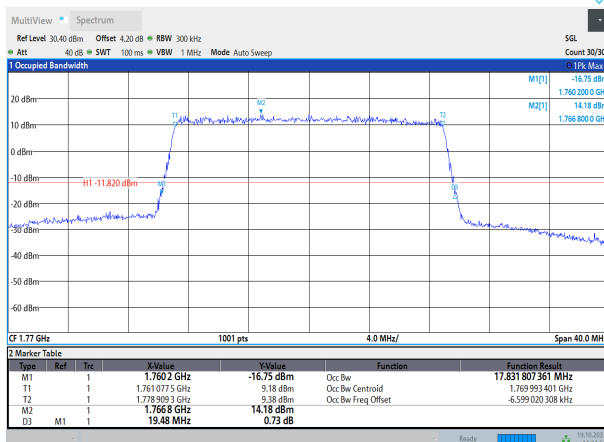
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Band66-20MHz-64QAM-132572-100RB#0



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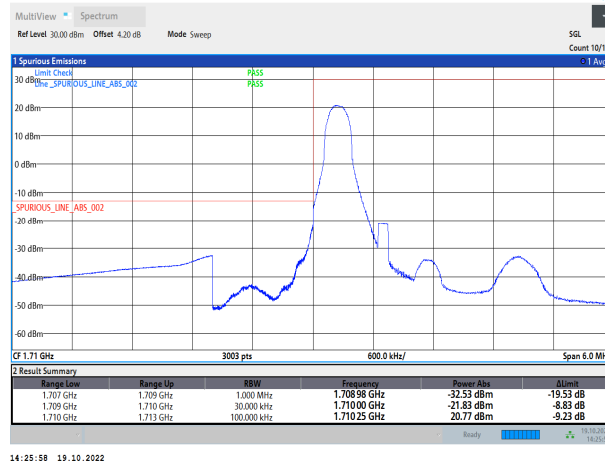
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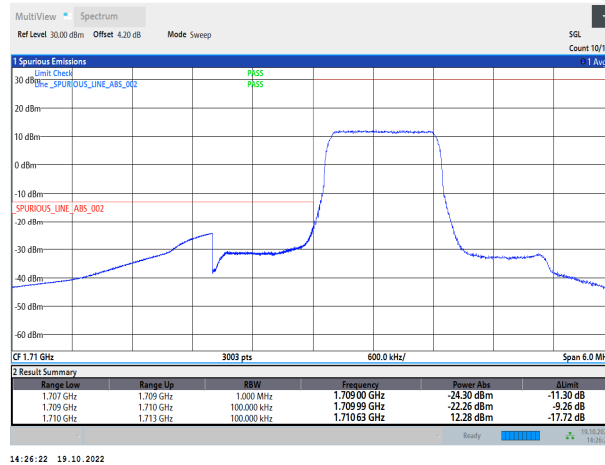
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Test Graphs

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



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



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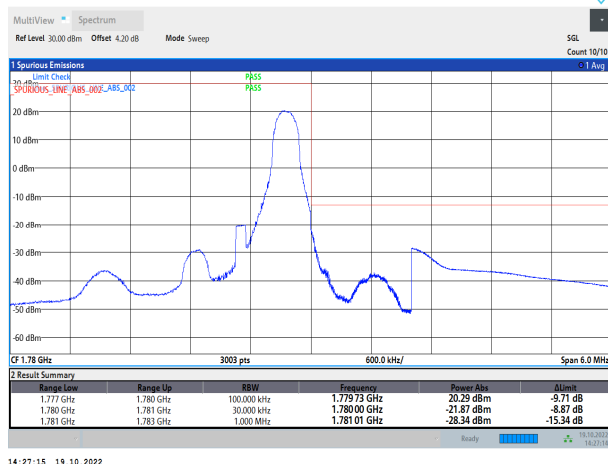
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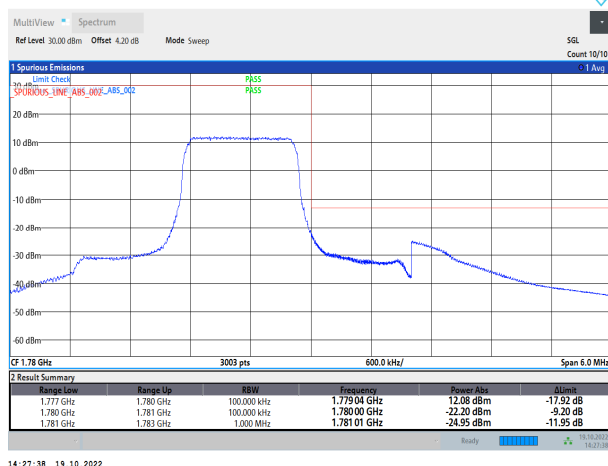
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Band66-1.4MHz-QPSK-132665-1RB#5



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



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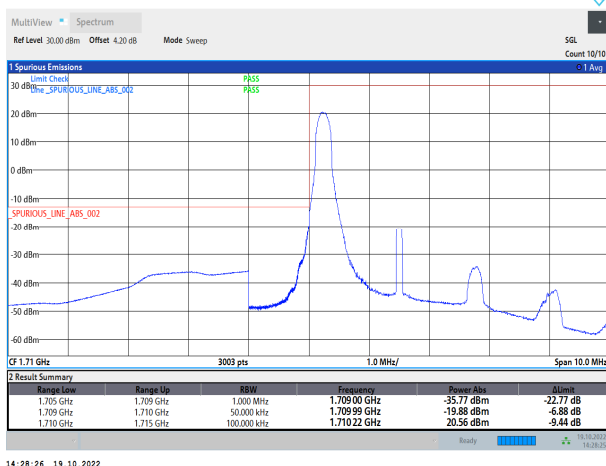
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Band66-3MHz-QPSK-131987-1RB#0



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

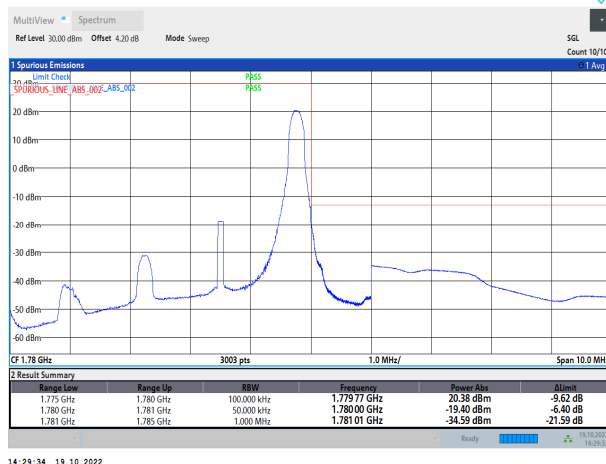


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Band66-3MHz-QPSK-132657-1RB#14



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



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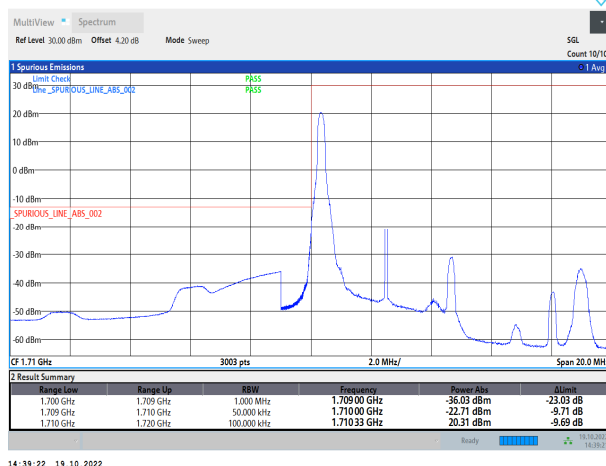
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Band66-5MHz-QPSK-131997-25RB#0

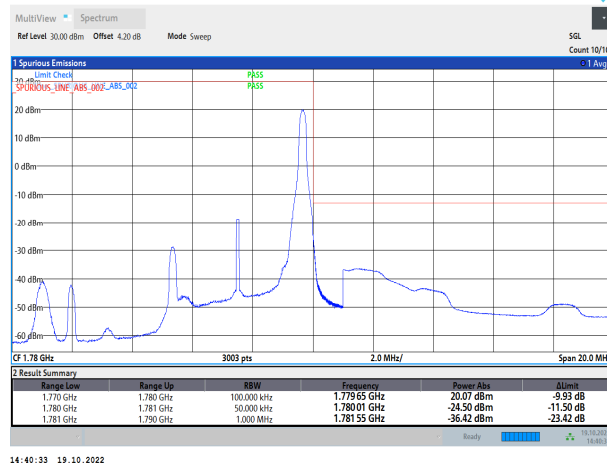


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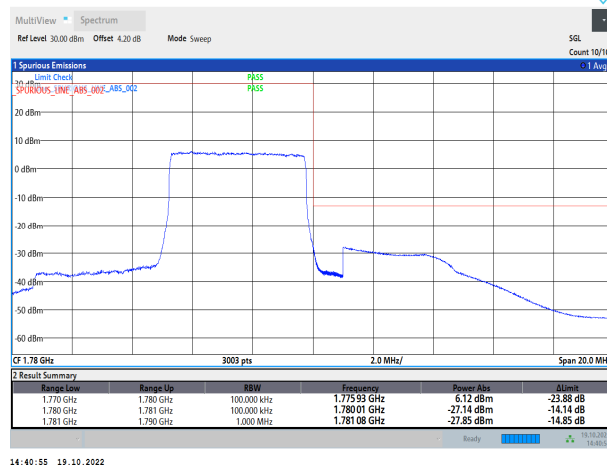
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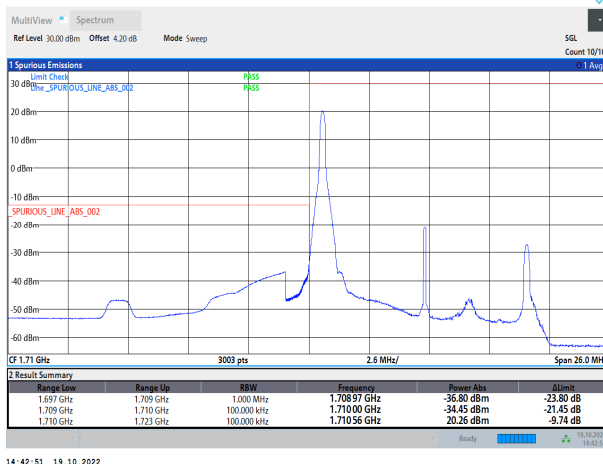
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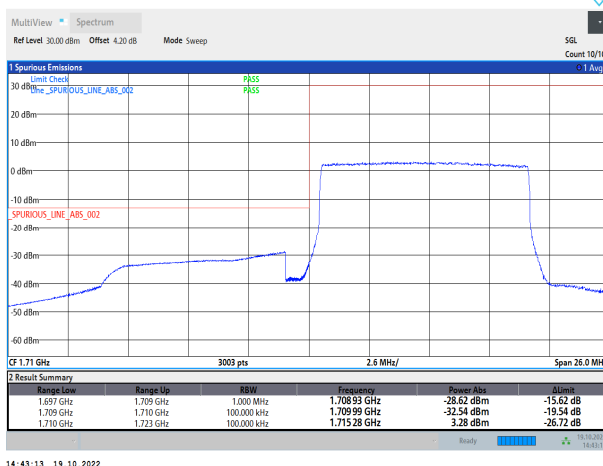
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Band66-10MHz-QPSK-132022-50RB#0



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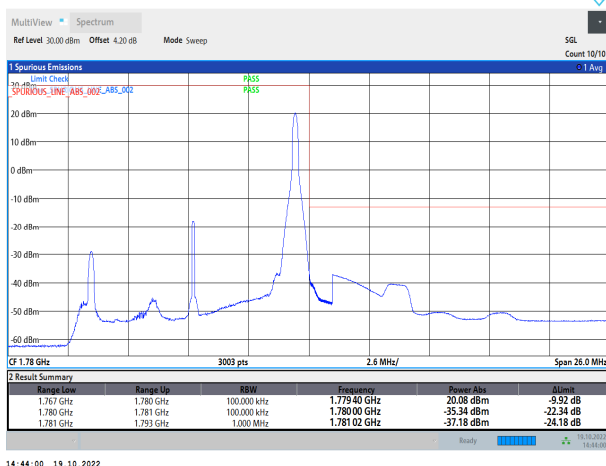
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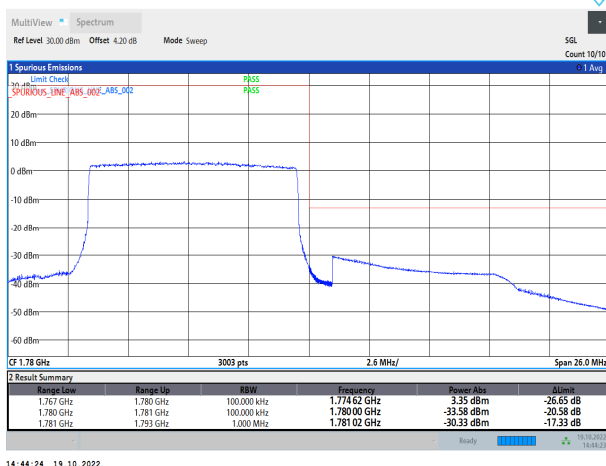
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Band66-10MHz-QPSK-132622-50RB#0



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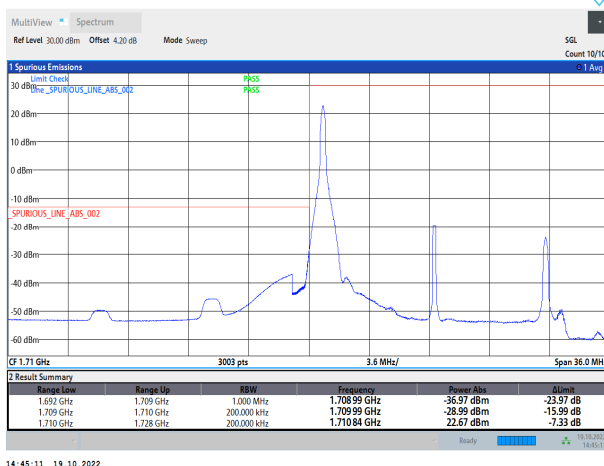
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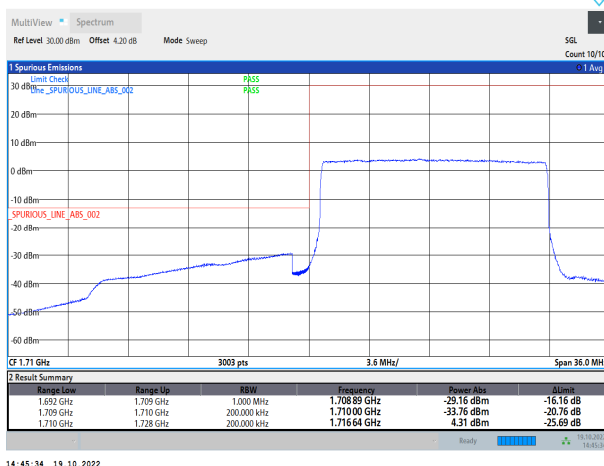
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Band66-15MHz-QPSK-132047-1RB#0



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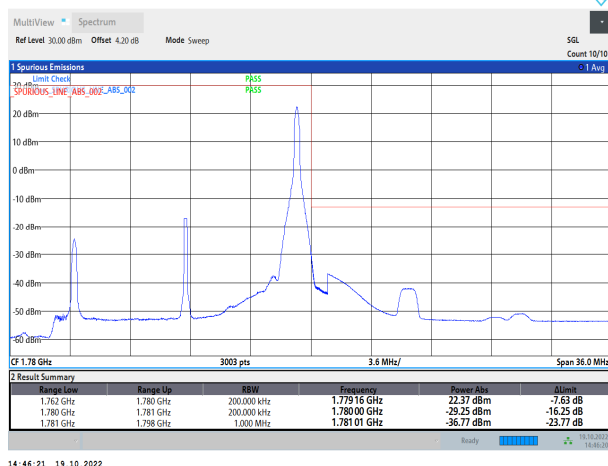
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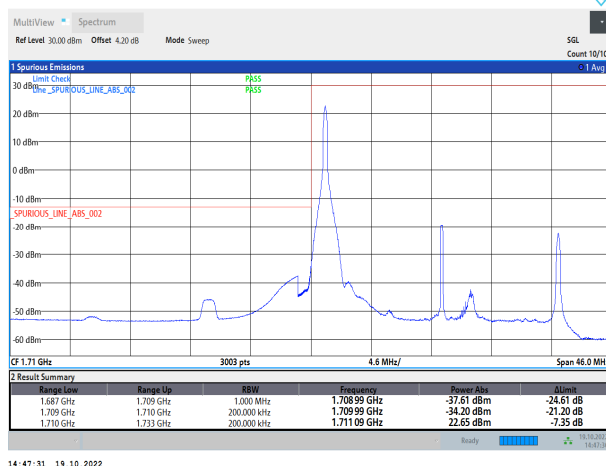
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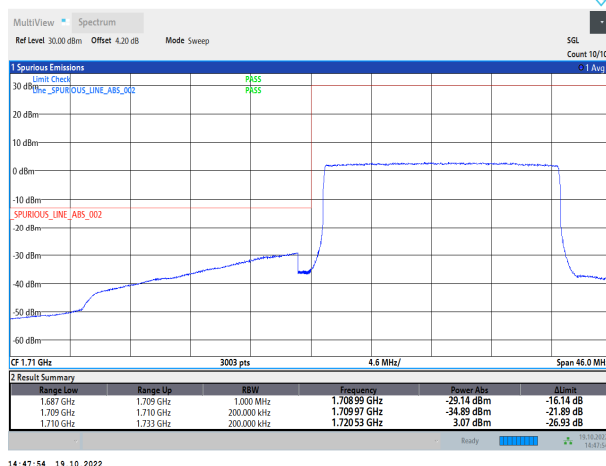
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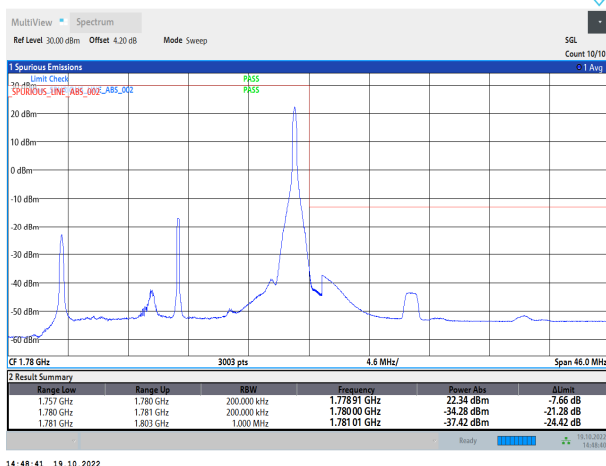
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Band66-20MHz-QPSK-132572-100RB#0



14:49:05 19.10.2022



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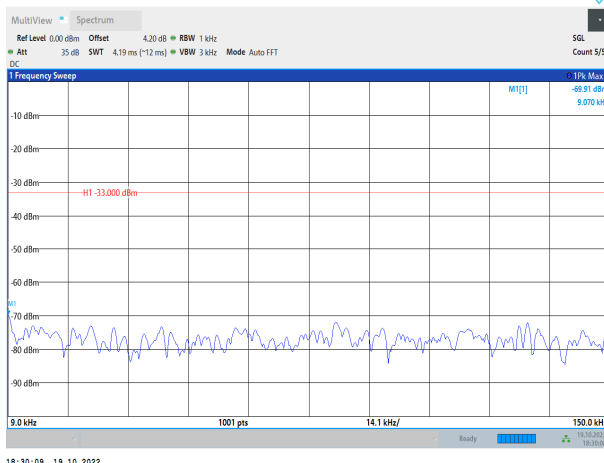
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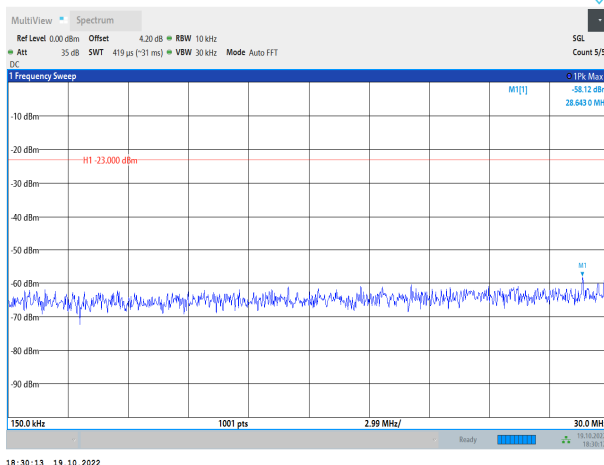
Conducted Spurious Emission

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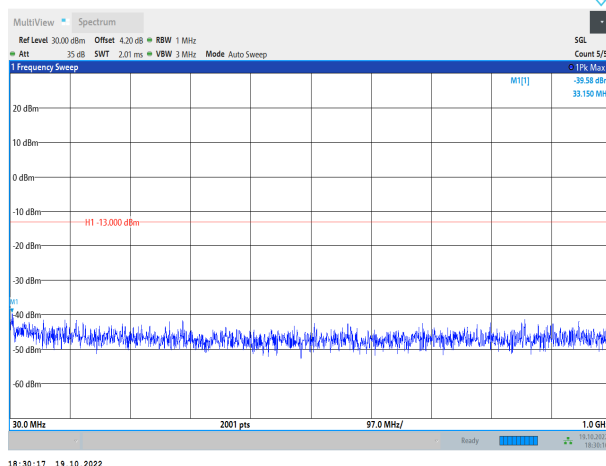
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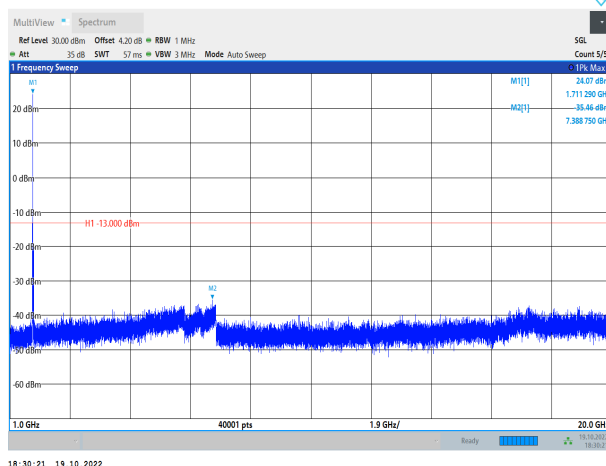
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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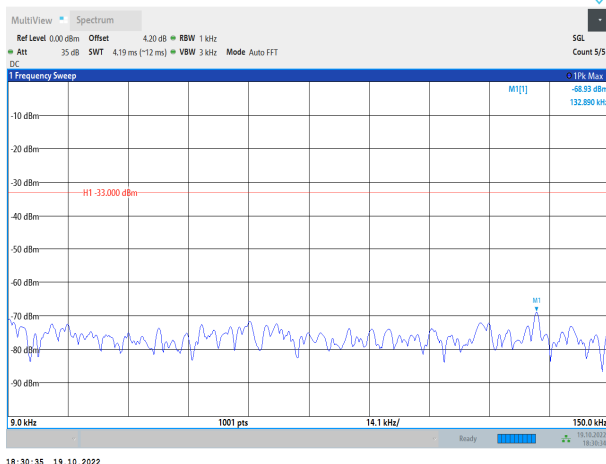
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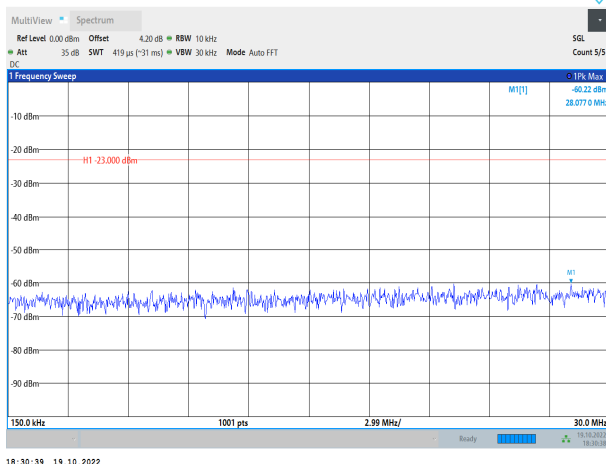
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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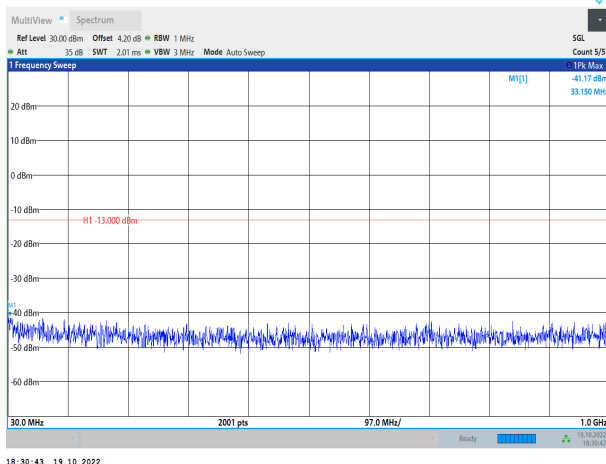
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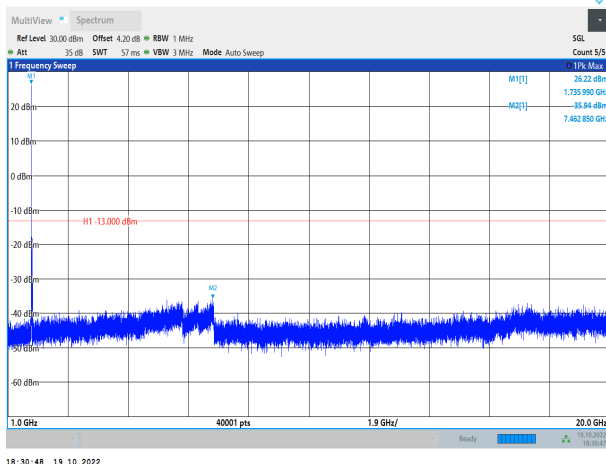
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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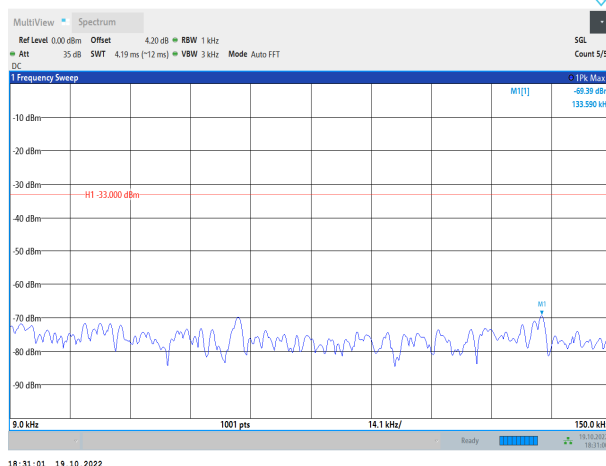
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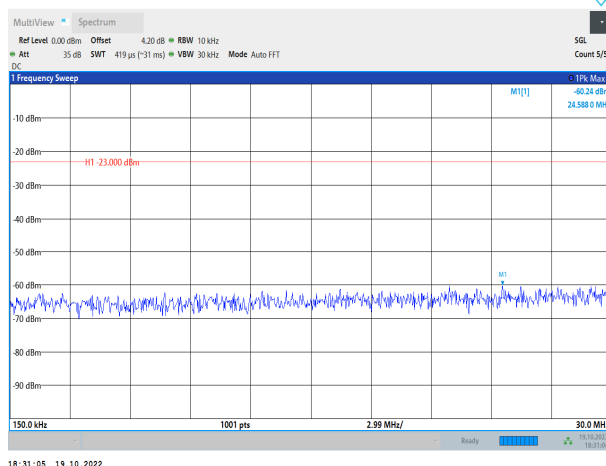
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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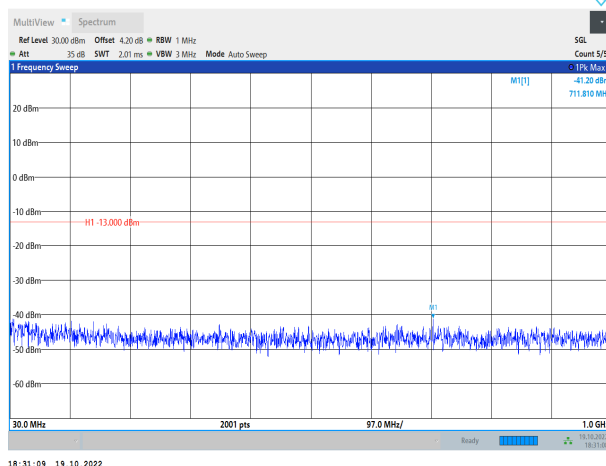
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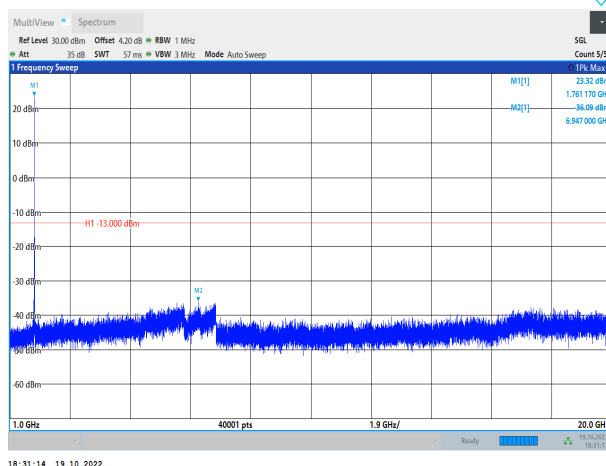
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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]	Height [cm]	Angle [°]	Polarity
1	3422.25	59.49	-46.28	29.45	-52.60	-13.00	39.60	145	45	Horizontal
2	5106.2700	47.13	-45.36	32.94	-60.56	-13.00	47.56	159	120	Horizontal
3	6808.3600	45.19	-44.16	35.85	-58.38	-13.00	45.38	165	342	Horizontal
4	8510.4500	43.57	-41.59	37.56	-55.72	-13.00	42.72	132	239	Horizontal
5	10212.5400	35.26	-39.45	38.81	-60.63	-13.00	47.63	155	105	Horizontal
6	11914.6300	30.83	-37.18	38.88	-62.73	-13.00	49.73	192	239	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	3422.25	58.39	-46.28	29.45	-53.70	-13.00	40.70	155	294	Vertical
2	5106.2700	46.14	-45.36	32.94	-61.55	-13.00	48.55	148	357	Vertical
3	6808.3600	46.33	-44.16	35.85	-57.24	-13.00	44.24	196	360	Vertical
4	8510.4500	42.09	-41.59	37.56	-57.20	-13.00	44.20	132	343	Vertical
5	10212.5400	36.03	-39.45	38.81	-59.86	-13.00	46.86	156	360	Vertical
6	11914.6300	31.83	-37.18	38.88	-61.73	-13.00	48.73	126	149	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]	Height [cm]	Angle [°]	Polarity
1	3472.5	61.97	-46.27	29.50	-50.06	-13.00	37.06	148	44	Horizontal
2	5181.2700	47.28	-45.30	32.98	-60.30	-13.00	47.30	159	224	Horizontal
3	6908.3600	46.19	-44.05	35.97	-57.15	-13.00	44.15	165	360	Horizontal
4	8635.4500	40.69	-41.46	37.81	-58.22	-13.00	45.22	128	349	Horizontal
5	10362.5400	34.28	-39.04	38.85	-61.17	-13.00	48.17	193	360	Horizontal
6	12089.6300	31.86	-37.37	39.04	-61.73	-13.00	48.73	144	4	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	3471.75	61.59	-46.27	29.49	-50.44	-13.00	37.44	286	298	Vertical
2	5181.2700	47.03	-45.30	32.98	-60.55	-13.00	47.55	195	14	Vertical
3	6908.3600	46.95	-44.05	35.97	-56.39	-13.00	43.39	147	14	Vertical
4	8635.4500	40.97	-41.46	37.81	-57.94	-13.00	44.94	185	360	Vertical
5	10362.5400	35.61	-39.04	38.85	-59.84	-13.00	46.84	146	360	Vertical
6	12089.6300	32.22	-37.37	39.04	-61.37	-13.00	48.37	138	74	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]	Height [cm]	Angle [°]	Polarity
1	3522	58.55	-46.23	29.54	-53.40	-13.00	40.40	244	342	Horizontal
2	5256.2700	47.25	-45.17	32.94	-60.25	-13.00	47.25	153	283	Horizontal
3	7008.3600	46.19	-43.61	36.10	-56.58	-13.00	43.58	162	30	Horizontal
4	8760.4500	40.61	-41.42	38.02	-58.06	-13.00	45.06	199	342	Horizontal
5	10512.5400	33.59	-38.76	38.97	-61.46	-13.00	48.46	133	224	Horizontal
6	12262.6300	32.61	-37.44	39.11	-60.98	-13.00	47.98	185	74	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	3522	57.11	-46.23	29.54	-54.84	-13.00	41.84	165	31	Vertical
2	5256.2700	46.53	-45.17	32.94	-60.97	-13.00	47.97	148	332	Vertical
3	7008.3600	46.08	-43.61	36.10	-56.69	-13.00	43.69	159	360	Vertical
4	8760.4500	40.76	-41.42	38.02	-57.91	-13.00	44.91	192	31	Vertical
5	10512.5400	33.89	-38.76	38.97	-61.16	-13.00	48.16	177	104	Vertical
6	12262.6300	31.76	-37.44	39.11	-61.83	-13.00	48.83	120	228	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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 中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

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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	-2.80	-0.001605	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-4.80	-0.002751	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-3.50	-0.002006	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-2.50	-0.001433	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-2.40	-0.001375	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-4.30	-0.002464	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-3.00	-0.001719	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-4.30	-0.002464	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-2.10	-0.001203	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-3.70	-0.002120	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-4.10	-0.002350	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-2.70	-0.001547	PASS

|MAX(Δf)| = 4.8Hz

Frequency Stability	Frequency (MHz)	Limit Line	Result
fL - MAX(Δf)	1710.568954	≥ 1710 MHz	PASS
fH + MAX(Δf)	1779.454182	≤ 1780 MHz	

---End of Attachment---



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中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn
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