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Appendix B.12

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	23.79	22.95	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	24.15	23.31	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.52	22.68	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.64	21.8	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.37	22.53	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.51	22.67	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.33	22.49	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.45	21.61	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.3	22.46	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.42	22.58	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.31	22.47	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.44	21.6	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.12	22.28	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.98	22.14	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.59	21.75	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.72	20.88	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.51	21.67	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.77	21.93	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.59	21.75	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.55	20.71	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.48	21.64	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.7	21.86	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.48	21.64	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.53	20.69	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.35	19.51	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.36	20.52	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.19	20.35	30	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	21.11	20.27	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.13	20.29	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.31	20.47	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.01	20.17	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	21.04	20.2	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.05	20.21	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.23	20.39	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.06	20.22	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	21.06	20.22	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.03	23.19	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.52	22.68	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.51	22.67	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.53	21.69	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.35	22.51	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.34	22.5	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.36	22.52	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.4	21.56	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.34	22.5	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.33	22.49	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.34	22.5	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.38	21.54	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.14	22.3	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.74	21.9	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.69	21.85	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.55	20.71	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.56	21.72	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.61	21.77	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.64	21.8	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.44	20.6	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.55	21.71	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.53	21.69	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.44	21.6	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.4	20.56	30	PASS



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Band66	3MHz	64QAM	131987	1RB#8	21.22	20.38	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.17	20.33	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	21.01	20.17	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.11	20.27	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.15	20.31	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.11	20.27	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.99	20.15	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.01	20.17	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.08	20.24	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.08	20.24	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.92	20.08	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.94	23.1	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.65	22.81	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.4	22.56	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.56	21.72	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.28	22.44	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.51	22.67	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.29	22.45	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.43	21.59	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.22	22.38	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.49	22.65	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.24	22.4	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.41	21.57	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.95	22.11	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.88	22.04	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.61	21.77	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.57	20.73	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.43	21.59	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.75	21.91	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.45	21.61	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.45	20.61	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.45	21.61	30	PASS



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Band66	5MHz	16QAM	132647	1RB#12	22.71	21.87	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.37	21.53	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.41	20.57	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.52	20.68	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.34	20.5	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.08	20.24	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	21.04	20.2	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.96	20.12	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.23	20.39	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.08	20.24	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.99	20.15	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.02	20.18	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.24	20.4	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.9	20.06	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.97	20.13	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.98	23.14	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.6	22.76	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.47	22.63	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.62	21.78	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.36	22.52	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.5	22.66	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.36	22.52	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.51	21.67	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.26	22.42	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.41	22.57	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.31	22.47	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.46	21.62	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.7	21.86	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.75	21.91	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.68	21.84	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.63	20.79	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.52	21.68	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.68	21.84	30	PASS



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Band66	10MHz	16QAM	132322	50RB#0	21.51	20.67	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.48	21.64	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.68	21.84	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.41	21.57	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.49	20.65	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.17	20.33	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.21	20.37	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.14	20.3	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	21.09	20.25	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.08	20.24	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.26	20.42	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21	20.16	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	21.04	20.2	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.04	20.2	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.23	20.39	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.05	20.21	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	21.05	20.21	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.88	23.04	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.54	22.7	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.39	22.55	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.58	21.74	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.27	22.43	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.41	22.57	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.27	22.43	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.45	21.61	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.18	22.34	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.34	22.5	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.27	22.43	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.42	21.58	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.49	21.65	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.71	21.87	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.57	21.73	30	PASS



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Band66	15MHz	16QAM	132047	75RB#0	21.59	20.75	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.5	21.66	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.53	21.69	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.5	21.66	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.46	20.62	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.28	21.44	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.48	21.64	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.47	21.63	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.43	20.59	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.44	20.6	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.21	20.37	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.11	20.27	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	21.08	20.24	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.22	20.38	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.21	20.37	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.08	20.24	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	21.06	20.22	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.32	20.48	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.16	20.32	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.92	20.08	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	21.01	20.17	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.69	22.85	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.59	22.75	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.24	22.4	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.54	21.7	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.08	22.24	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.51	22.67	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.12	22.28	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.43	21.59	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.97	22.13	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.43	22.59	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.07	22.23	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.39	21.55	30	PASS



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Band66	20MHz	16QAM	132072	1RB#0	22.41	21.57	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.76	21.92	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.48	21.64	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.54	20.7	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.22	21.38	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.68	21.84	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.39	21.55	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.41	20.57	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.23	21.39	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.65	21.81	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.21	21.37	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.39	20.55	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.85	20.01	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.28	20.44	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.85	20.01	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	21.05	20.21	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.79	19.95	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.23	20.39	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.89	20.05	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	21.01	20.17	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.73	19.89	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.21	20.37	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.39	19.55	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.93	20.09	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	5.06	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.98	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.22	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.82	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.78	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.96	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.16	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.16	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.16	13	PASS



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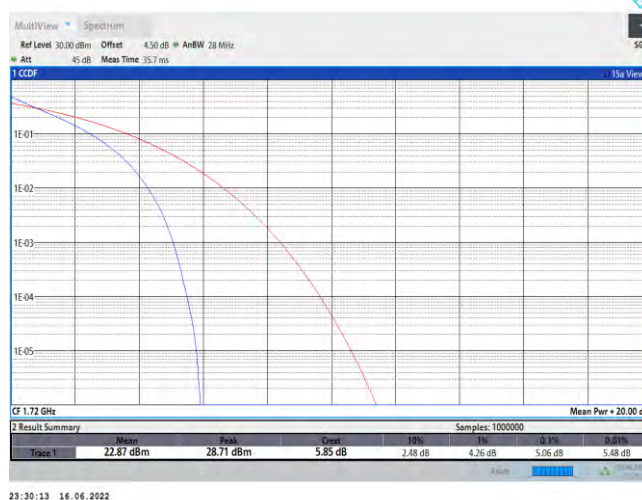
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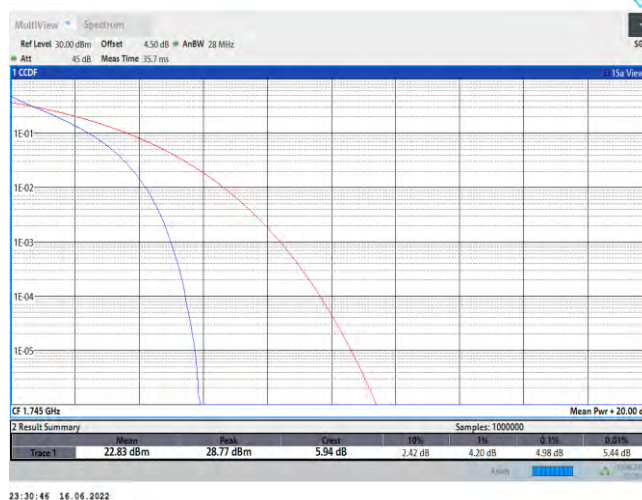
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Test Graphs

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



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



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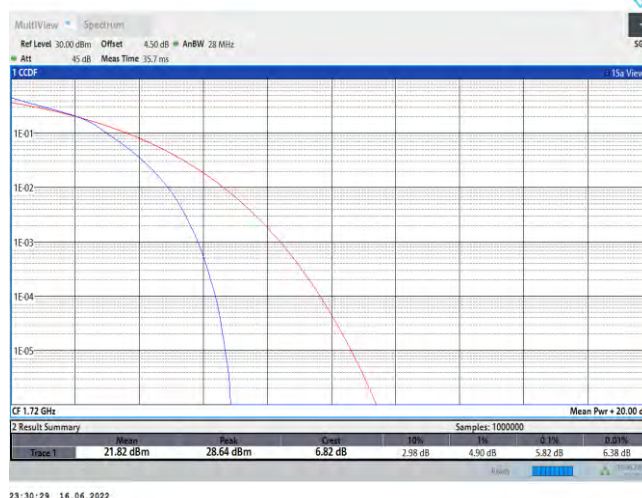
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Band66-20MHz-QPSK-132572-100RB#0



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



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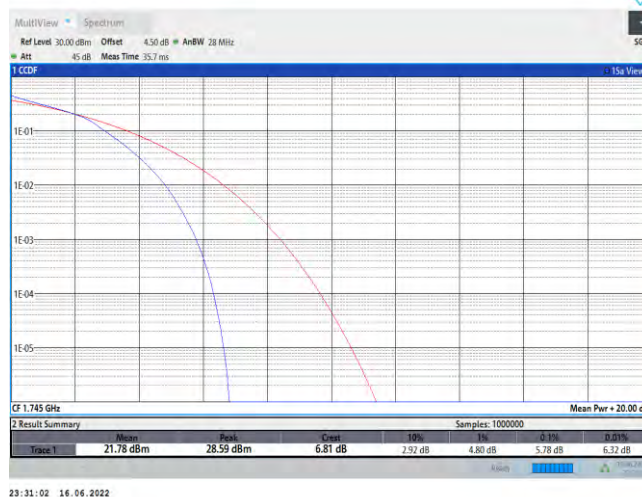
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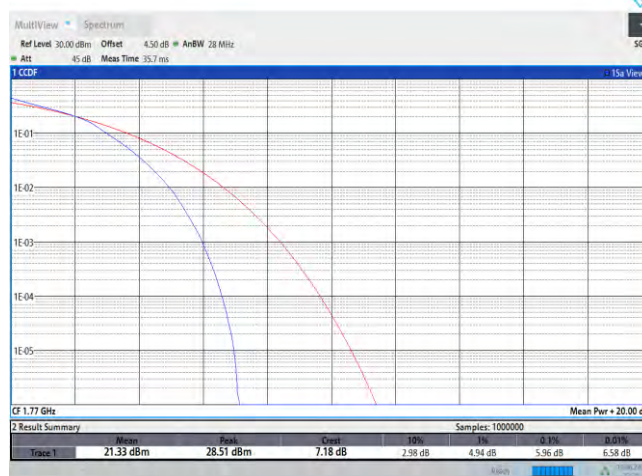
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Band66-20MHz-16QAM-132322-100RB#0



23:31:02 16.06.2022

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



23:31:35 16.06.2022



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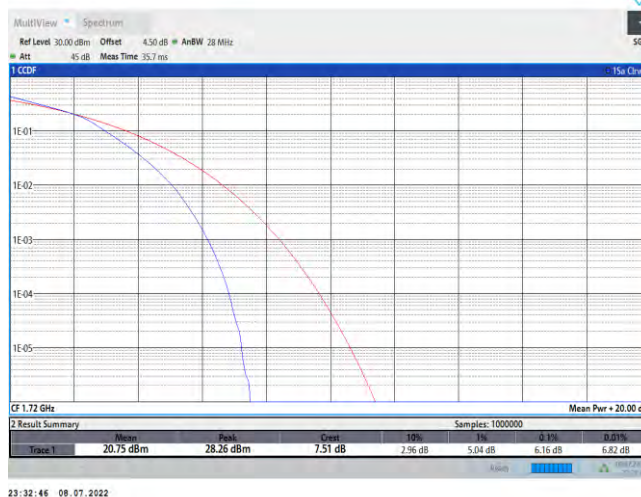
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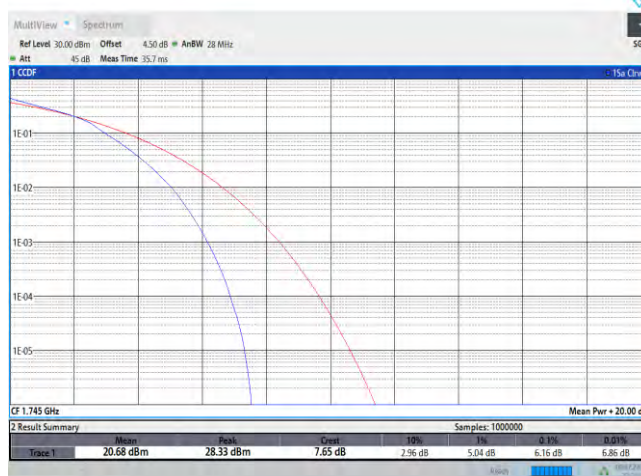
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Band66-20MHz-64QAM-132072-100RB#0



23:32:46 08.07.2022

Band66-20MHz-64QAM-132322-100RB#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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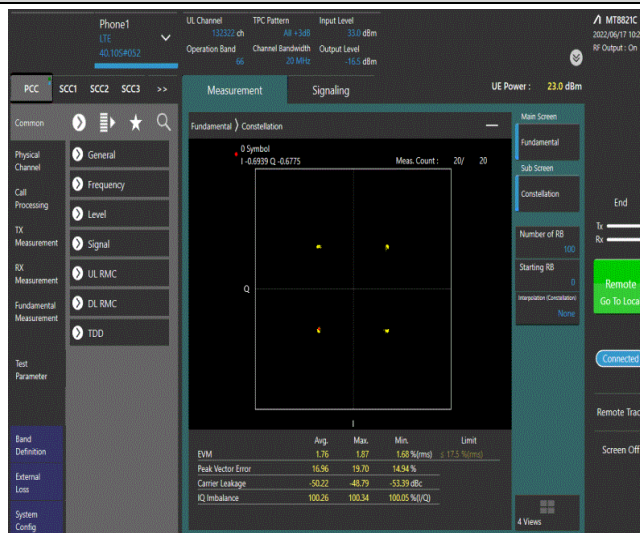
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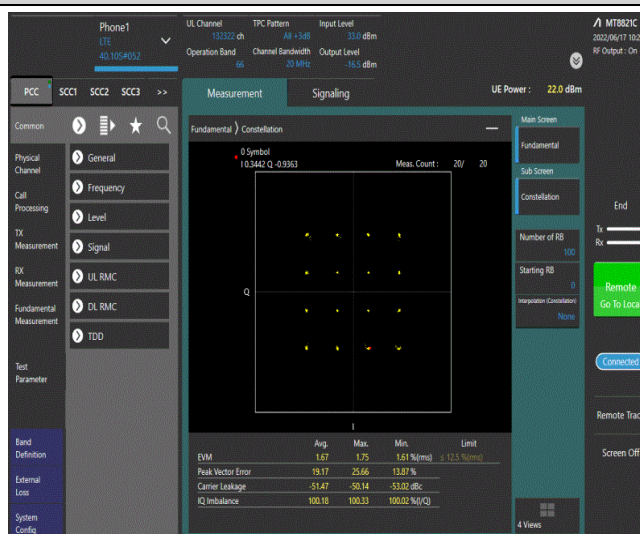
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Test Graphs

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



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



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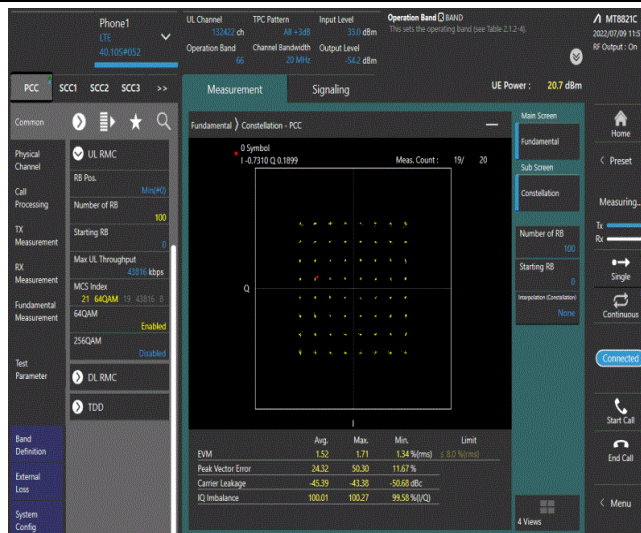
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Band66-20MHz-64QAM-132322-100RB#0



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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	1.086	1.28	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.087	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.086	1.30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.096	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.095	1.29	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.091	1.30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.093	1.30	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.682	2.89	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.689	2.91	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.688	2.90	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.678	2.97	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.678	2.90	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.681	2.91	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.684	2.92	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.91	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.684	2.90	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	5.01	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.474	5.03	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	5.28	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.467	5.06	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.476	5.04	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.475	5.03	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	5.01	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.457	4.65	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.48	5.02	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.944	9.88	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.945	9.86	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.948	9.86	PASS



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Band66	10MHz	16QAM	132022	50RB#0	8.927	9.82	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.926	9.78	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.928	9.90	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.951	9.86	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.942	9.86	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.935	9.84	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.513	15.12	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.515	15.12	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.51	15.12	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.498	15.24	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.487	15.24	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.498	15.18	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.495	15.15	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.488	15.18	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.498	15.18	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.952	19.64	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.965	21.20	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.96	19.68	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.931	19.72	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.897	19.64	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.92	19.64	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.919	19.64	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.882	19.64	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.924	19.68	PASS



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Test Graphs

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



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



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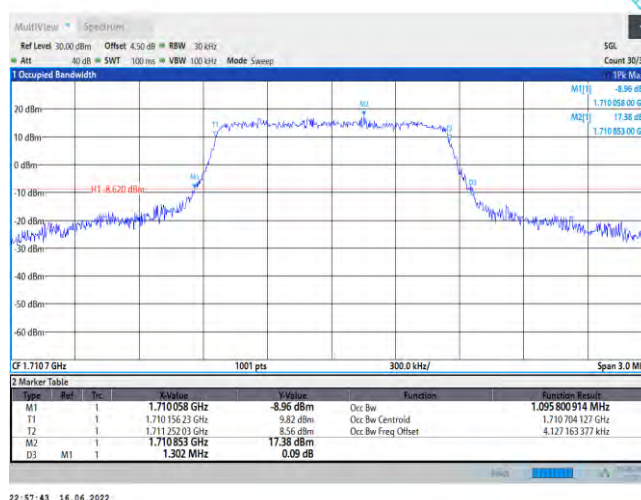
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Band66-1.4MHz-QPSK-132665-6RB#0



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



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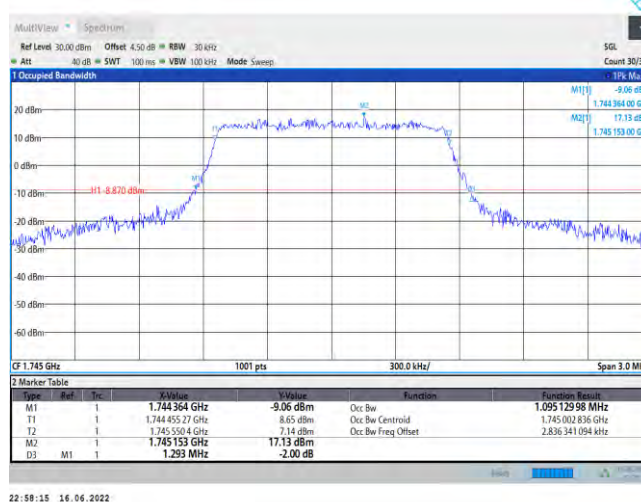
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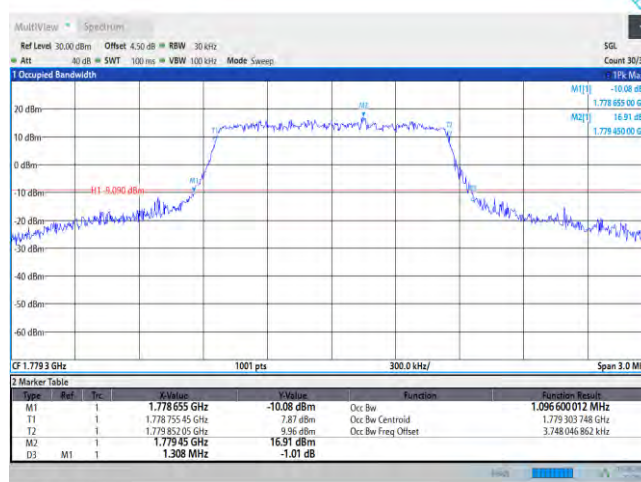
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22:58:15 16.06.2022

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



22:58:47 16.06.2022



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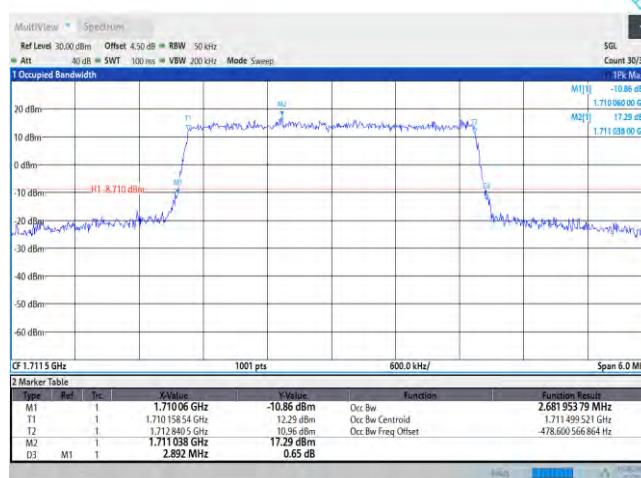
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Band66-1.4MHz-64QAM-132665-6RB#0



23:25:59 09.07.2022

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



22:59:24 16.06.2022



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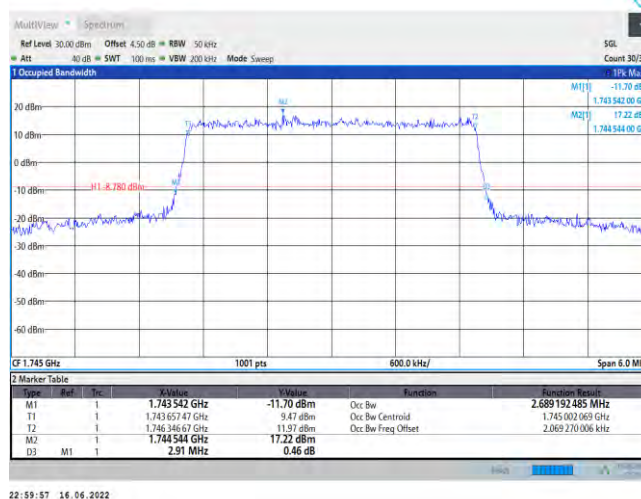
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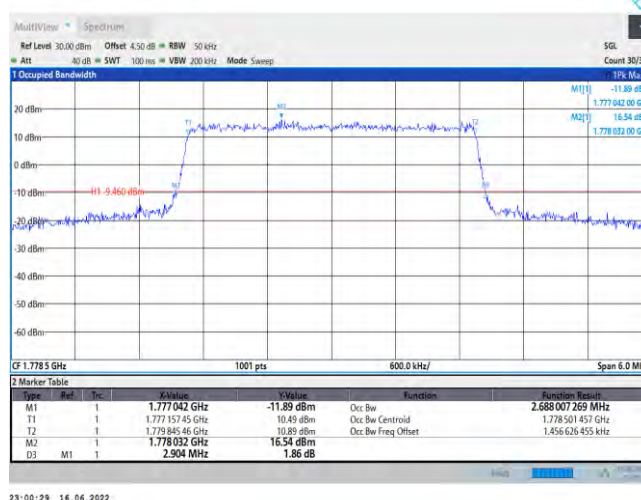
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Band66-3MHz-QPSK-132322-15RB#0



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



23:00:29 16.06.2022



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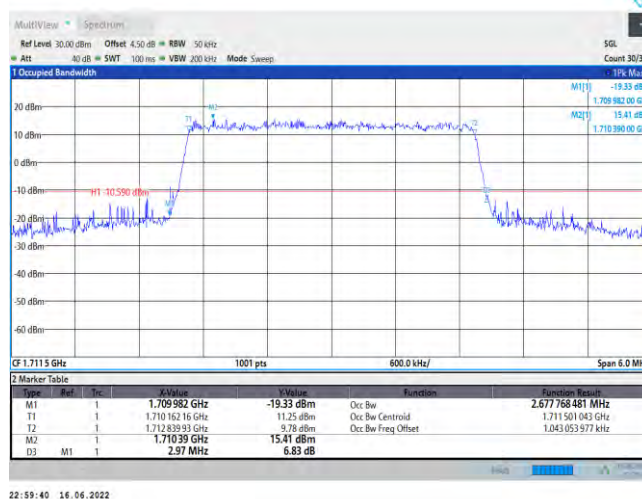
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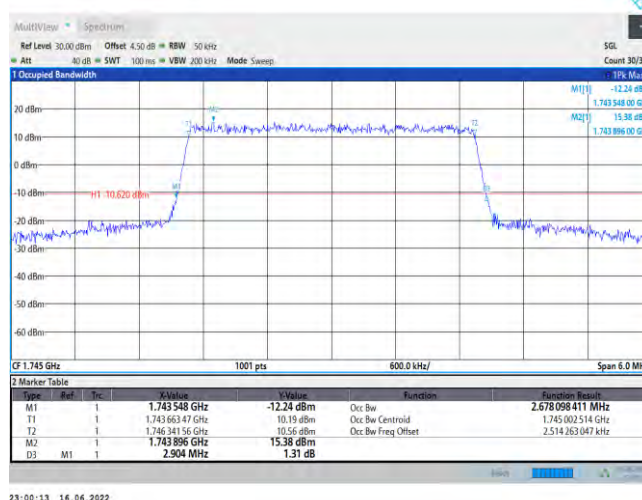
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Band66-3MHz-16QAM-131987-15RB#0



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



23:00:13 16.06.2022



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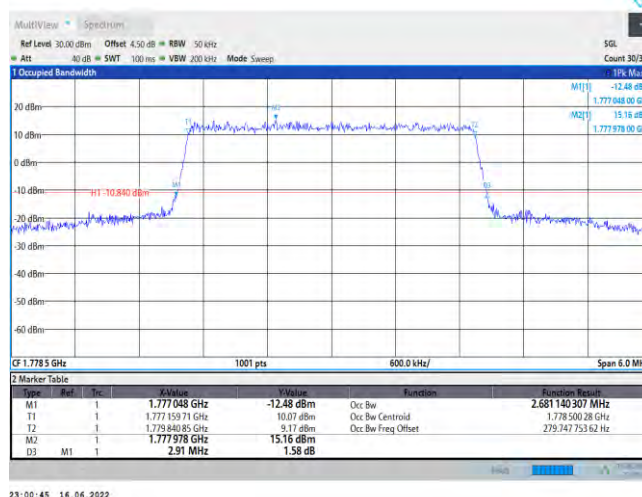
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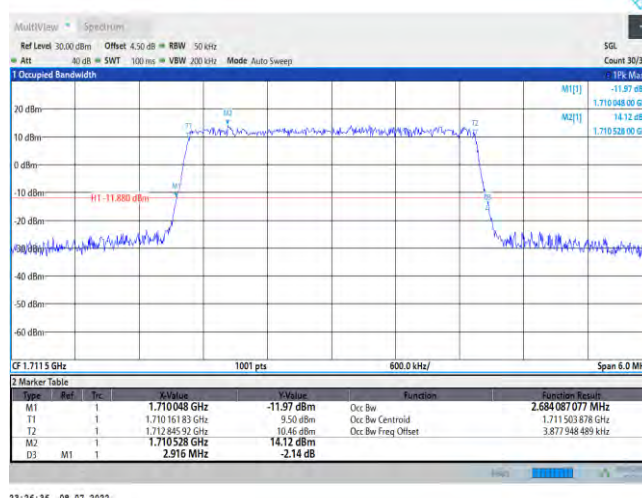
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Band66-3MHz-16QAM-132657-15RB#0



23:00:45 16.06.2022

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



23:26:36 08.07.2022



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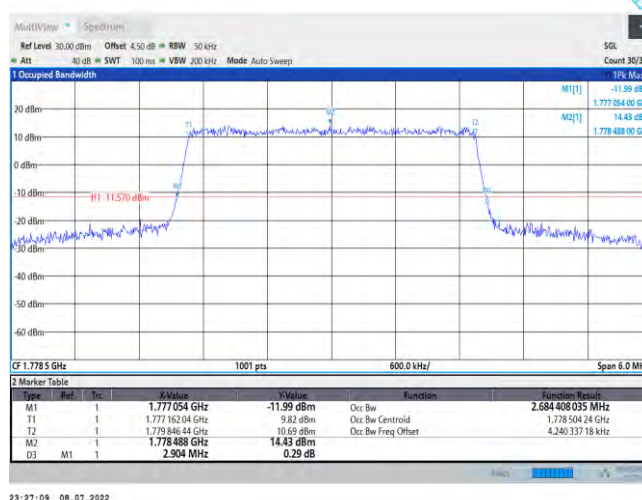
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Band66-3MHz-64QAM-132657-15RB#0



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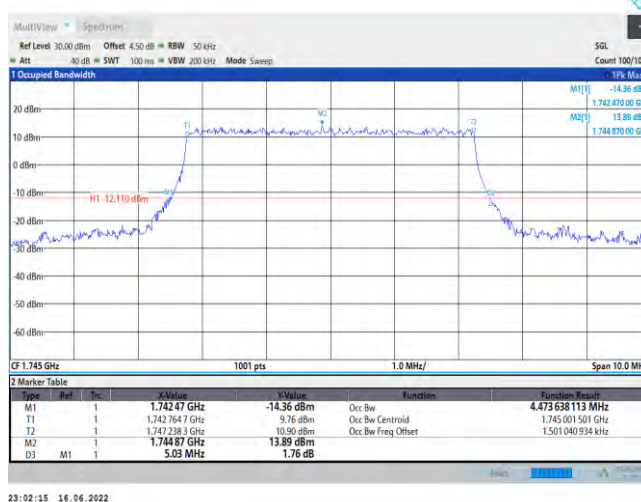
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Band66-5MHz-QPSK-132322-25RB#0



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



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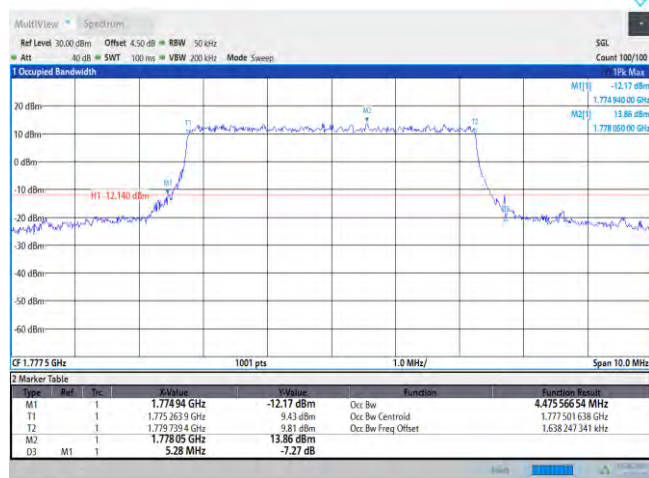
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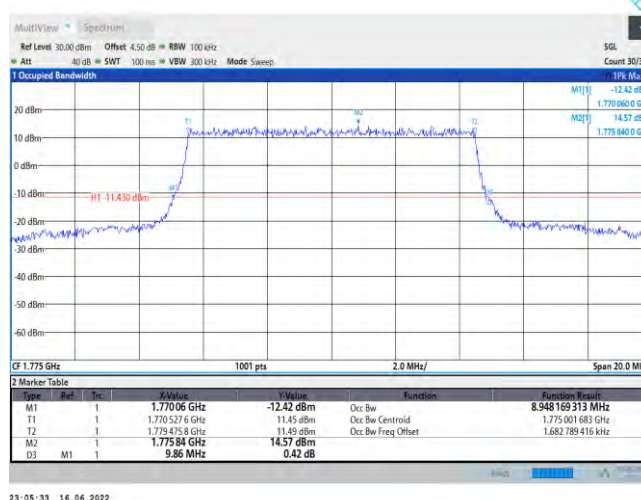
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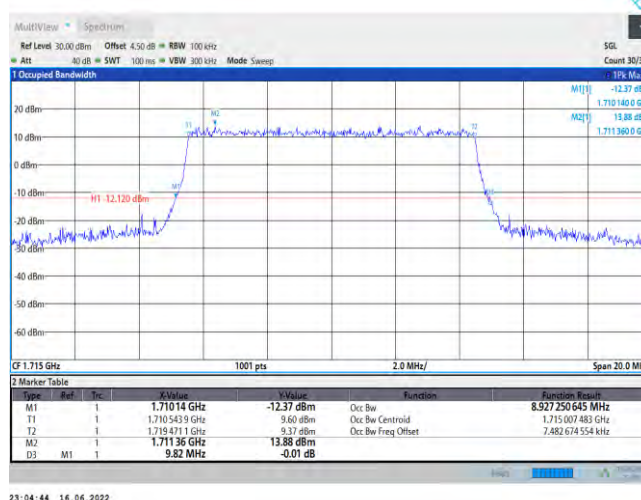
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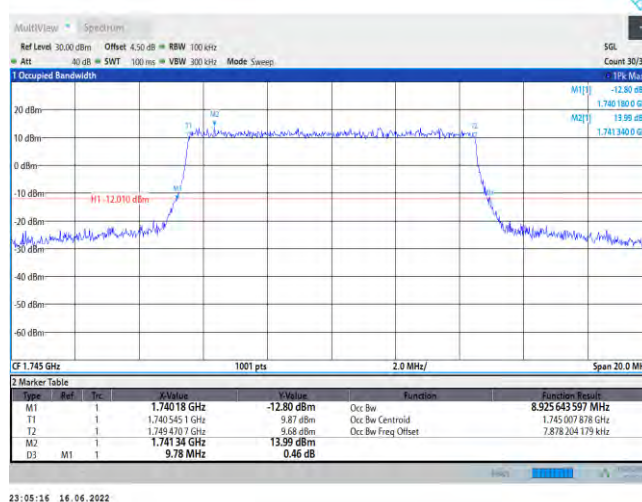
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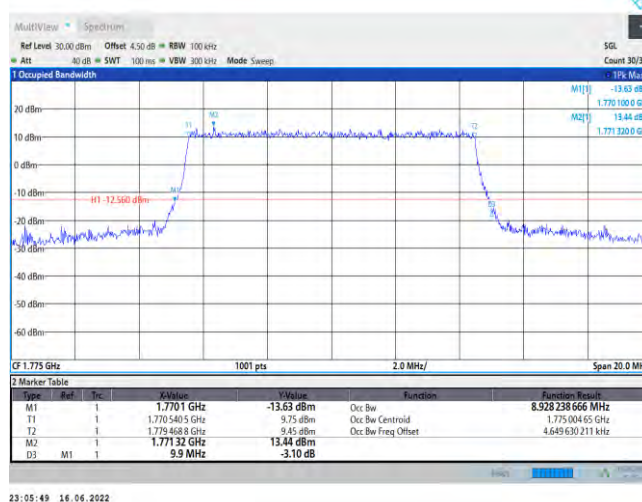
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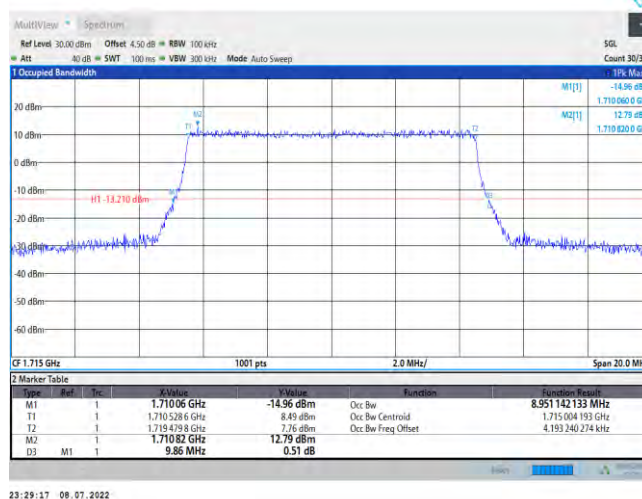
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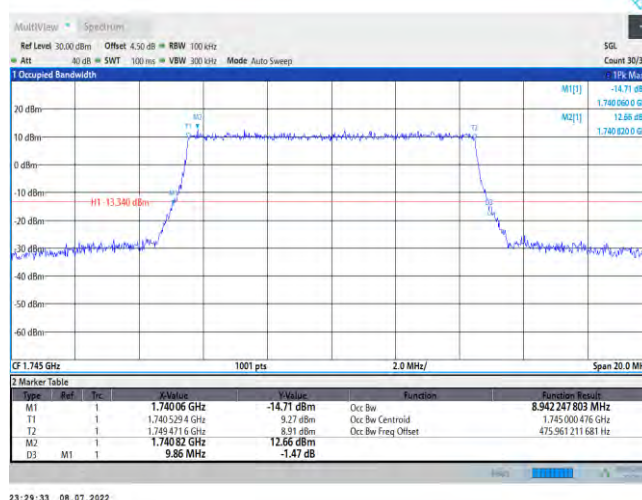
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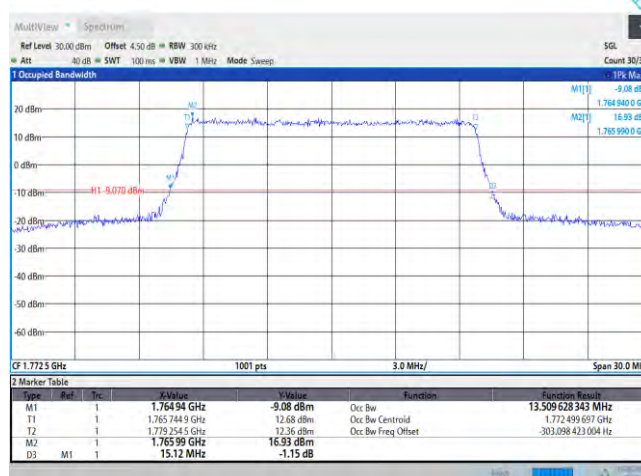
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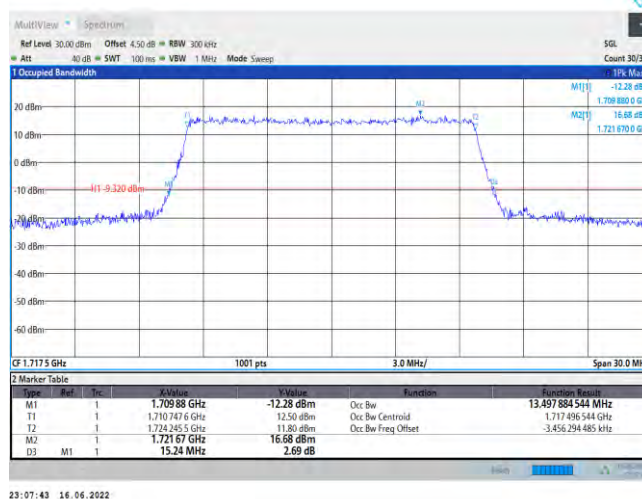
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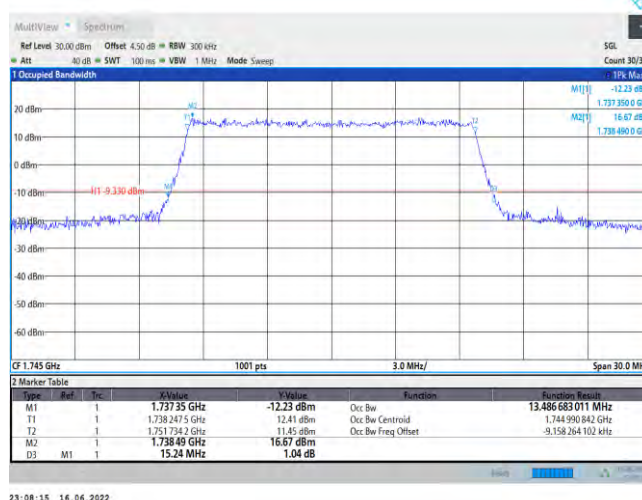
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Band66-15MHz-16QAM-132597-75RB#0



Band66-15MHz-64QAM-132047-75RB#0



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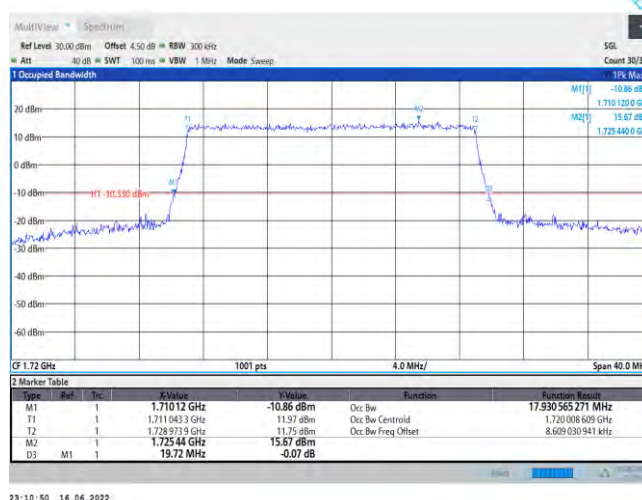
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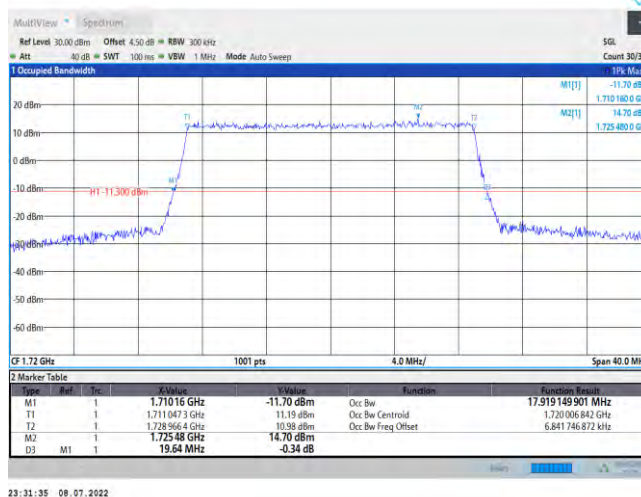
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Band66-20MHz-64QAM-132322-100RB#0



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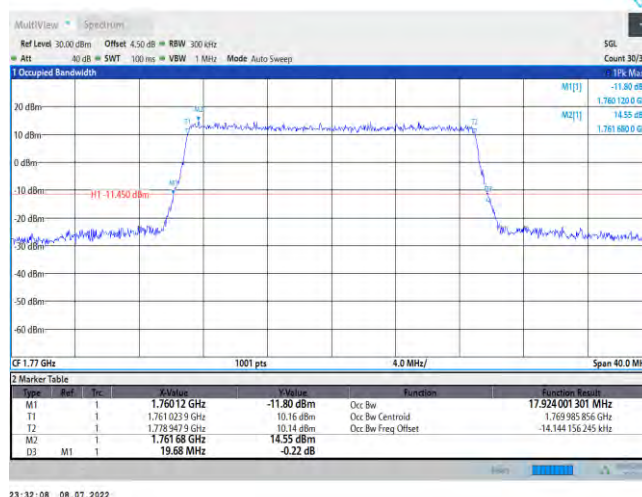
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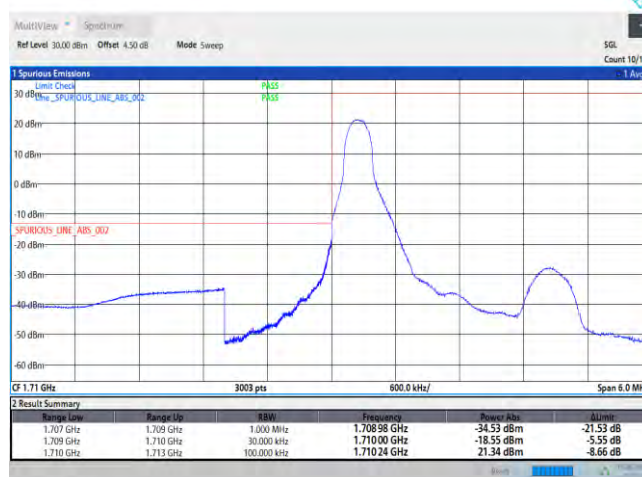
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Band Edge

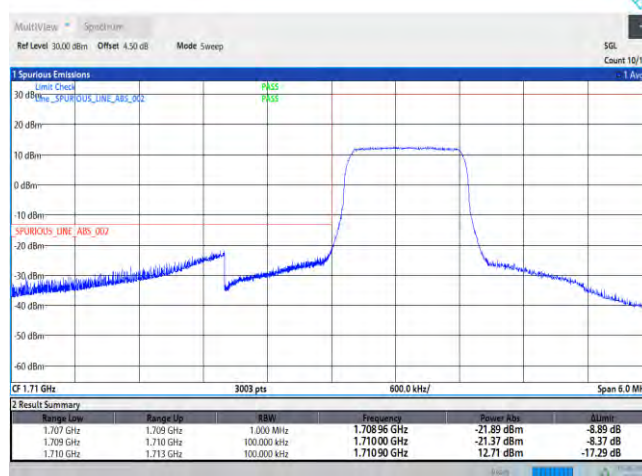
Test Graphs

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



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



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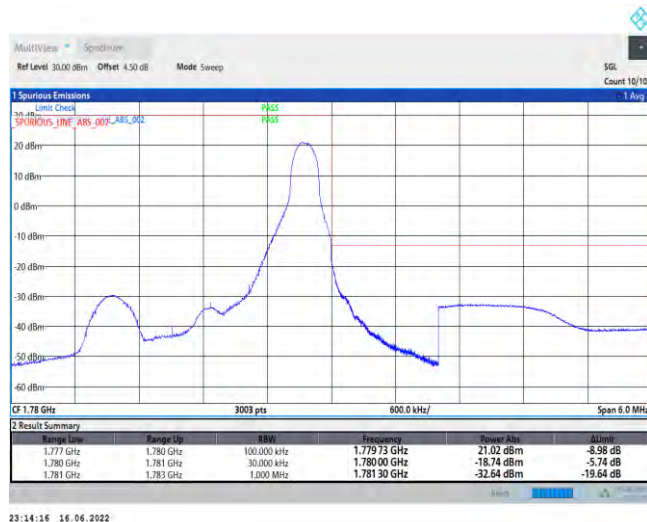
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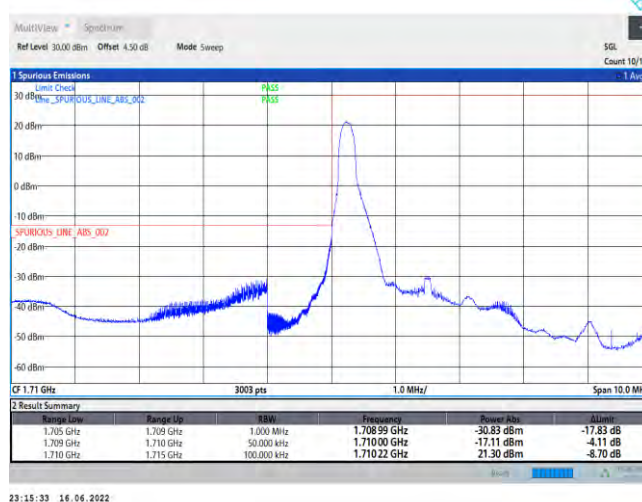
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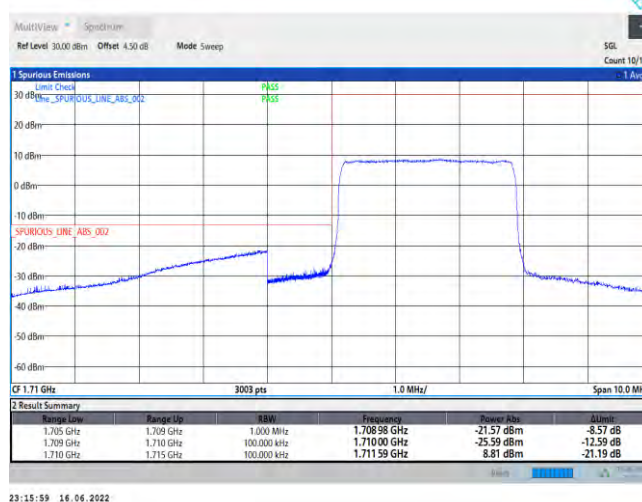
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Band66-3MHz-QPSK-131987-15RB#0



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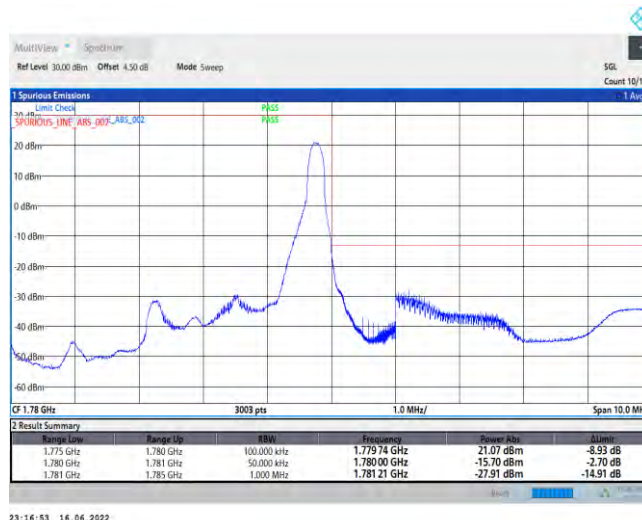
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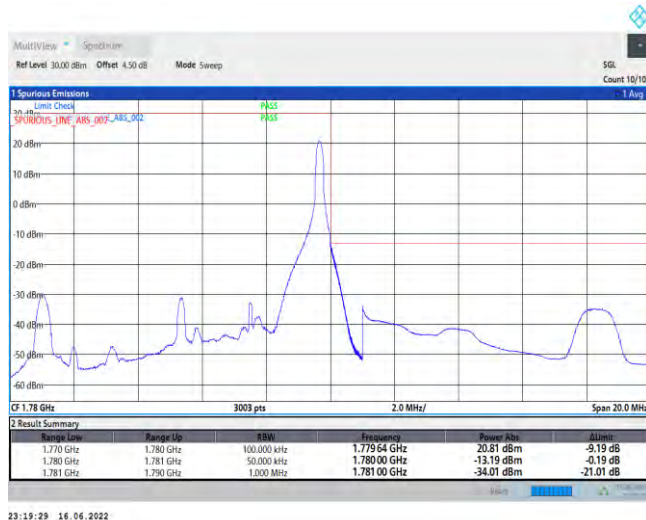
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Band66-5MHz-QPSK-132647-1RB#24



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



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



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



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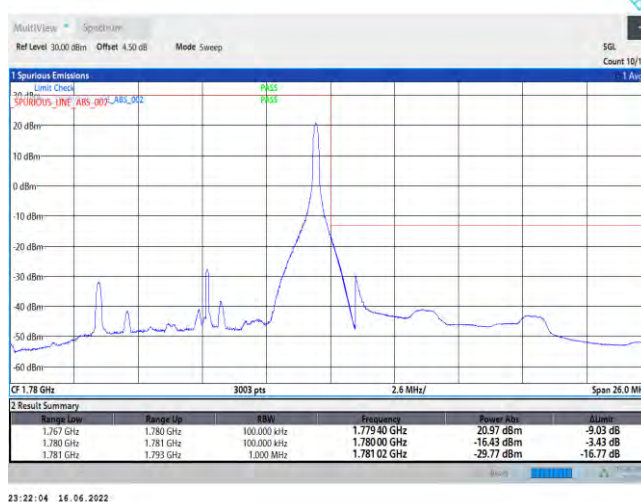
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Band66-10MHz-QPSK-132622-1RB#49



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



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



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



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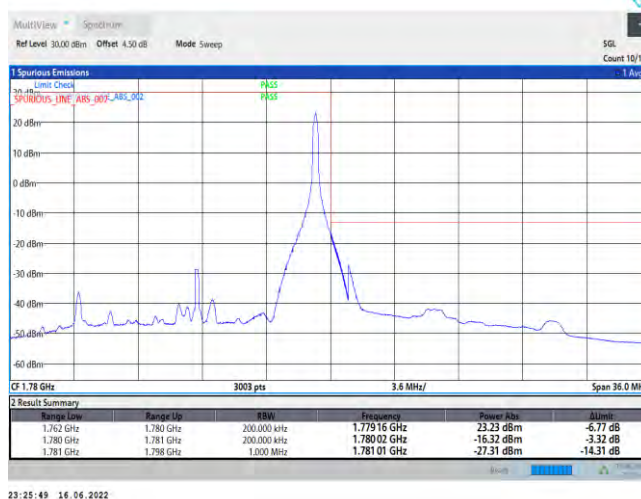
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Band66-15MHz-QPSK-132597-1RB#74



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



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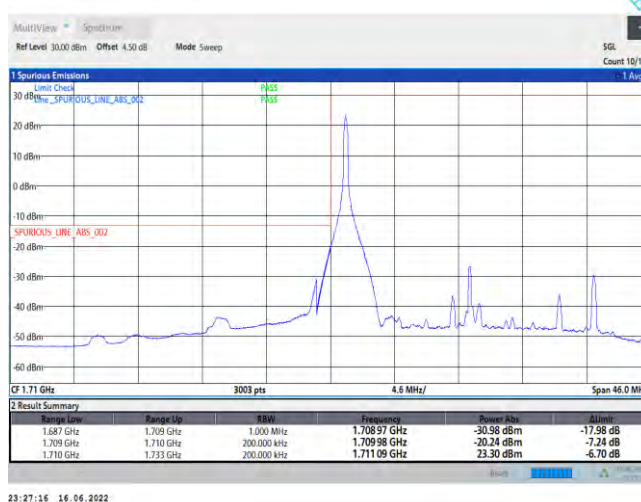
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Band66-20MHz-QPSK-132072-1RB#0



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



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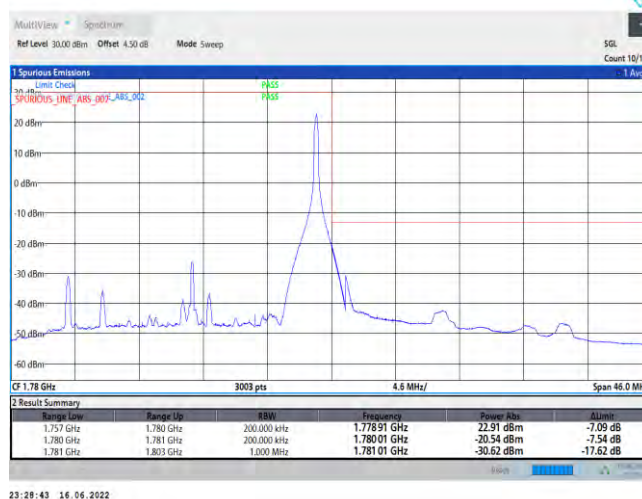
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Band66-20MHz-QPSK-132572-1RB#99



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



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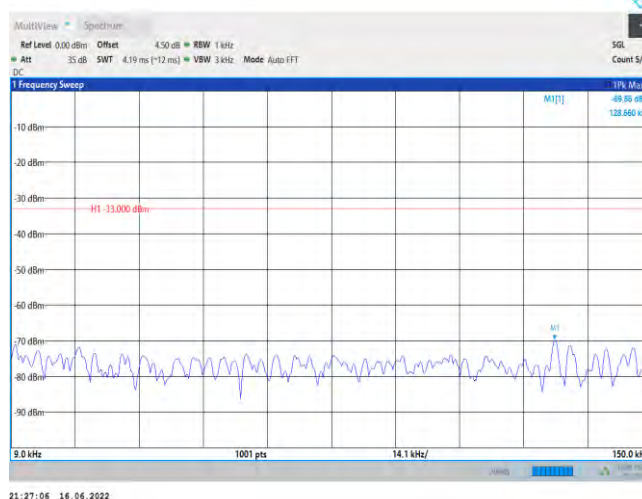
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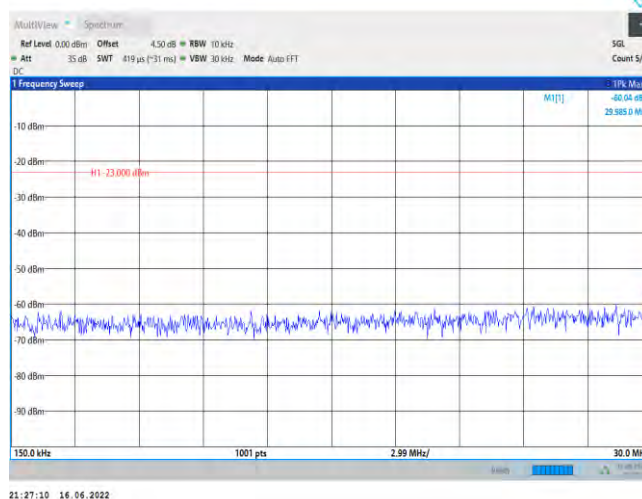
Conducted Spurious Emission

Test Graphs

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



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



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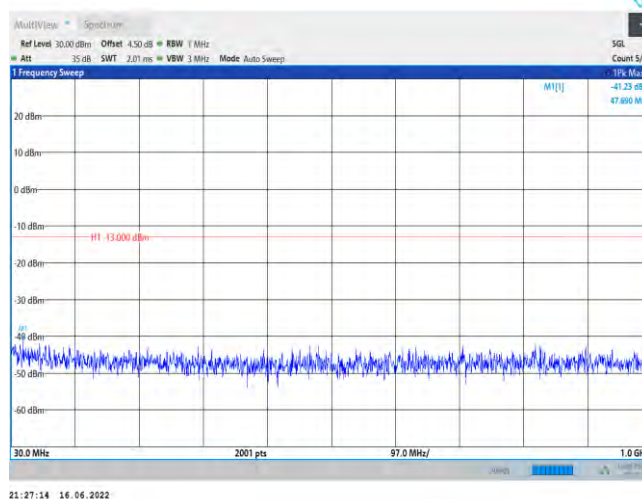
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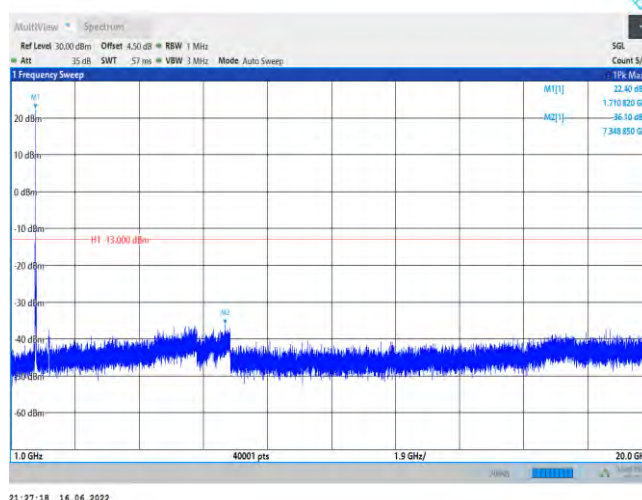
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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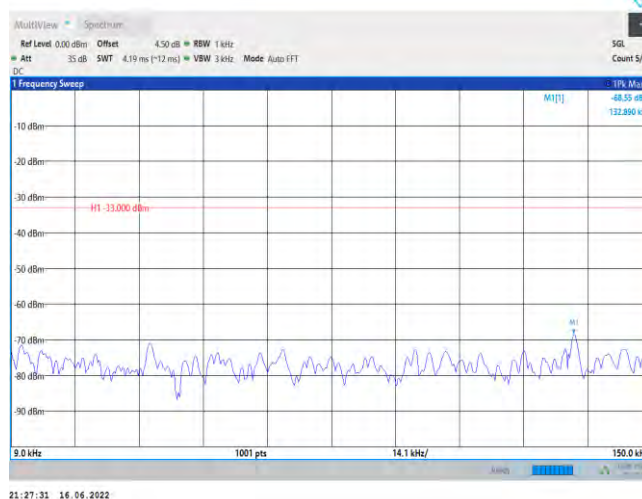
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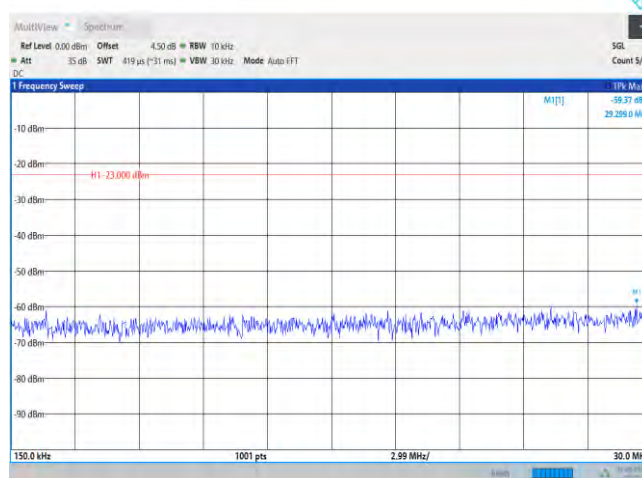
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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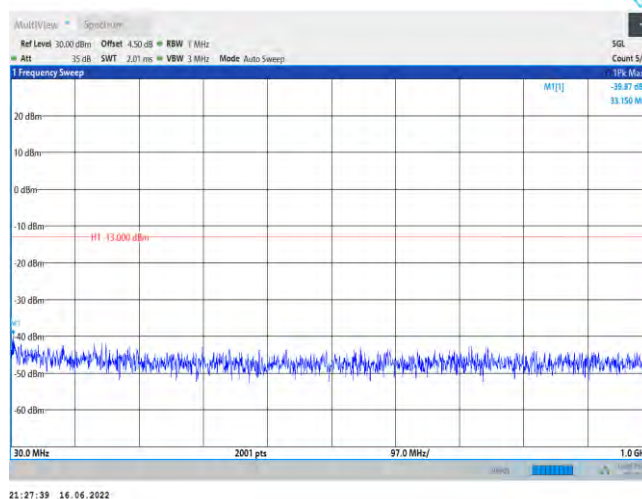
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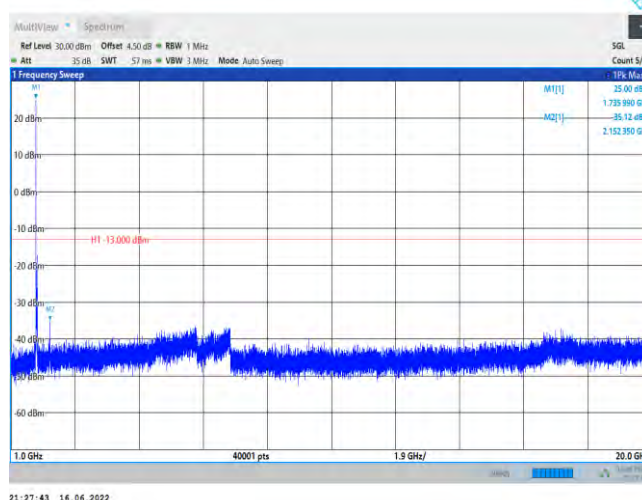
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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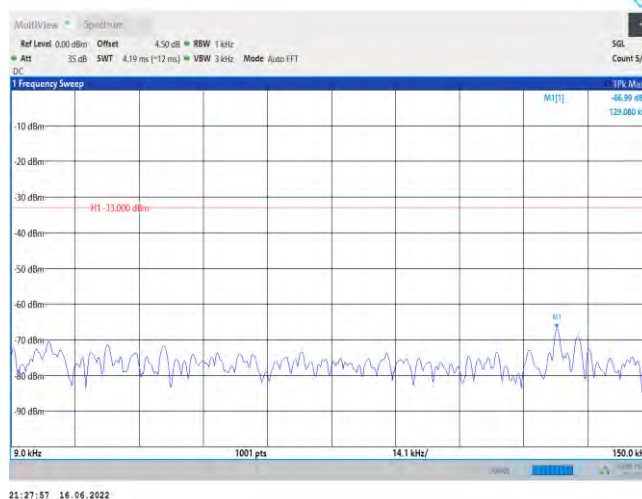
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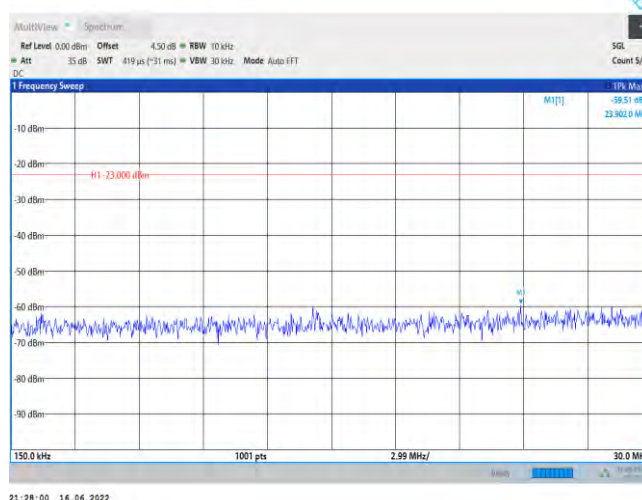
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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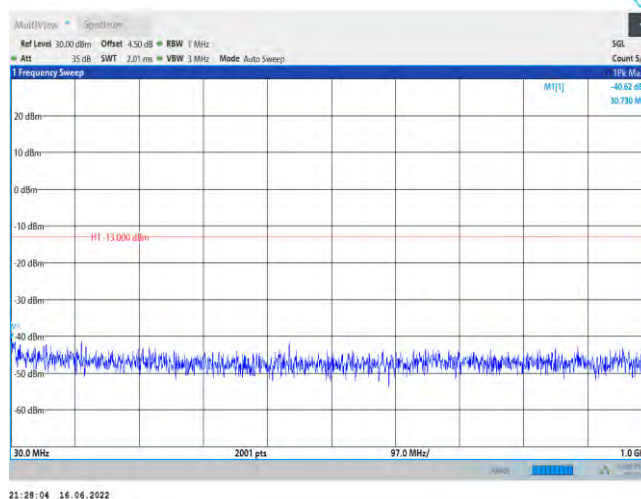
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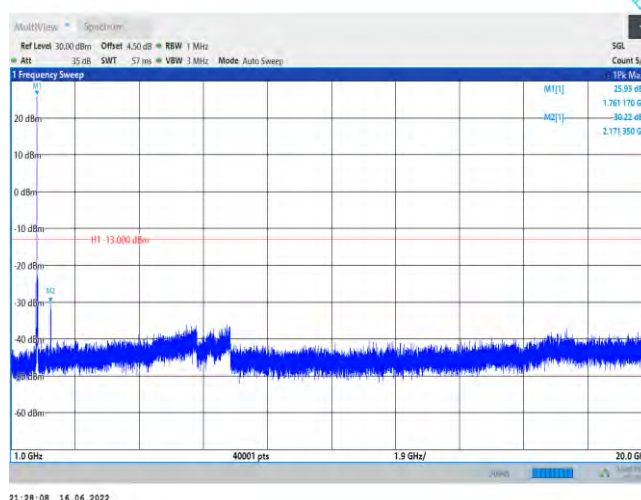
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1

Test Channel = Low

Final Data List



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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	49.80	-112.11	-62.31	-13.00	49.31	214	83	Horizontal
2	5106.2700	49.37	-107.69	-58.32	-13.00	45.32	236	104	Horizontal
3	6808.3600	48.76	-103.57	-54.81	-13.00	41.81	165	209	Horizontal
4	8510.4500	47.33	-99.29	-51.96	-13.00	38.96	194	60	Horizontal
5	10212.5400	43.96	-95.89	-51.93	-13.00	38.93	170	49	Horizontal
6	11914.6300	41.12	-93.56	-52.44	-13.00	39.44	251	2	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.1800	50.66	-112.11	-61.45	-13.00	48.45	156	128	Vertical
2	5106.2700	48.49	-107.69	-59.20	-13.00	46.20	194	144	Vertical
3	6808.3600	48.79	-103.57	-54.78	-13.00	41.78	233	312	Vertical
4	8510.4500	46.40	-99.29	-52.89	-13.00	39.89	160	220	Vertical
5	10212.5400	43.34	-95.89	-52.55	-13.00	39.55	150	289	Vertical
6	11914.6300	40.75	-93.56	-52.81	-13.00	39.81	174	243	Vertical



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Test Band = LTE Band 66_ TM1
Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	56.89	-112.03	-55.14	-13.00	42.14	214	220	Horizontal
2	5208	59.07	-107.54	-48.47	-13.00	35.47	223	243	Horizontal
3	6908.3600	48.80	-103.34	-54.54	-13.00	41.54	164	312	Horizontal
4	8635.4500	45.31	-98.91	-53.60	-13.00	40.60	191	125	Horizontal
5	10362.5400	43.14	-95.45	-52.31	-13.00	39.31	201	72	Horizontal
6	12089.6300	41.33	-93.59	-52.26	-13.00	39.26	233	117	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.1800	50.33	-112.05	-61.72	-13.00	48.72	254	8	Vertical
2	5181.2700	49.23	-107.58	-58.35	-13.00	45.35	196	152	Vertical
3	6908.3600	48.06	-103.34	-55.28	-13.00	42.28	172	245	Vertical
4	8635.4500	47.30	-98.91	-51.61	-13.00	38.61	230	1	Vertical
5	10362.5400	42.14	-95.45	-53.31	-13.00	40.31	136	0	Vertical
6	12089.6300	40.69	-93.59	-52.90	-13.00	39.90	160	2	Vertical



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

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522.75	63.39	-111.95	-48.56	-13.00	35.56	214	140	Horizontal
2	5256.2700	50.28	-107.50	-57.22	-13.00	44.22	182	254	Horizontal
3	7008.3600	48.03	-102.77	-54.74	-13.00	41.74	193	209	Horizontal
4	8760.4500	46.28	-98.67	-52.39	-13.00	39.39	231	83	Horizontal
5	10512.5400	43.79	-95.05	-51.26	-13.00	38.26	166	357	Horizontal
6	12262.6300	41.79	-93.59	-51.80	-13.00	38.80	170	357	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	61.93	-111.95	-50.02	-13.00	37.02	284	299	Vertical
2	5256.2700	49.13	-107.50	-58.37	-13.00	45.37	196	128	Vertical
3	7008.3600	49.01	-102.77	-53.76	-13.00	40.76	251	254	Vertical
4	8760.4500	47.60	-98.67	-51.07	-13.00	38.07	136	346	Vertical
5	10512.5400	42.45	-95.05	-52.60	-13.00	39.60	140	323	Vertical
6	12262.6300	41.16	-93.59	-52.43	-13.00	39.43	120	83	Vertical



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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	2.00	0.001146	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	2.50	0.001433	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-15.60	-0.008940	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	2.20	0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.90	0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-19.10	-0.010946	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-18.10	-0.010372	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	2.00	0.001146	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-4.20	-0.002407	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	4.50	0.002579	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	3.50	0.002006	PASS

The End



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