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Appendix B.6

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	22.42	23.33	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.41	23.32	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.43	23.34	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.46	22.37	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.41	23.32	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.45	23.36	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.41	23.32	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.41	22.32	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.63	23.54	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.67	23.58	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.68	23.59	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.66	22.57	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.63	22.54	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.48	22.39	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.53	22.44	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.34	21.25	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.04	22.95	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.93	22.84	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.06	22.97	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	19.97	20.88	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.71	22.62	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.89	22.8	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.82	22.73	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.56	21.47	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.98	21.89	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.01	21.92	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.06	21.97	30	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	18.18	19.09	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.75	21.66	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	20.76	21.67	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.7	21.61	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	18.28	19.19	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.21	22.12	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.23	22.14	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.29	22.2	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	18.42	19.33	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.29	23.2	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.29	23.2	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.31	23.22	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.53	22.44	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.27	23.18	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.28	23.19	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.25	23.16	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.42	22.33	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.45	23.36	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.45	23.36	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.47	23.38	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.67	22.58	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.7	22.61	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.75	22.66	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.69	22.6	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.6	21.51	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.05	22.96	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.2	23.11	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.16	23.07	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.49	21.4	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.82	22.73	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.95	22.86	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.96	22.87	30	PASS



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Band66	3MHz	16QAM	132657	15RB#0	20.81	21.72	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.02	21.93	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.99	21.9	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.01	21.92	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	18.11	19.02	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.69	21.6	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	20.69	21.6	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.71	21.62	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	18.33	19.24	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.23	22.14	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.21	22.12	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.2	22.11	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	18.86	19.77	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.3	23.21	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.38	23.29	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.34	23.25	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.53	22.44	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.32	23.23	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.31	23.22	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.34	23.25	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.38	22.29	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.56	23.47	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.48	23.39	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.59	23.5	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.67	22.58	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.68	22.59	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.66	22.57	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.79	22.7	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.56	21.47	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.21	23.12	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.07	22.98	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.03	22.94	30	PASS



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Band66	5MHz	16QAM	132322	25RB#0	20.39	21.3	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.36	23.27	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.36	23.27	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.33	23.24	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.66	21.57	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.04	21.95	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.02	21.93	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.1	22.01	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	18.17	19.08	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.73	21.64	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	20.65	21.56	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.69	21.6	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	18.33	19.24	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.01	21.92	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.9	21.81	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.97	21.88	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	18.43	19.34	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.33	23.24	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.42	23.33	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.44	23.35	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.51	22.42	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.26	23.17	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.32	23.23	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.31	23.22	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.37	22.28	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.49	23.4	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.47	23.38	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.57	23.48	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.53	22.44	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.09	23	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.08	22.99	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.15	23.06	30	PASS



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Band66	10MHz	16QAM	132322	1RB#0	21.78	22.69	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.66	22.57	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.79	22.7	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.44	21.35	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.28	23.19	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.24	23.15	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.31	23.22	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.61	21.52	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.69	21.6	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.79	21.7	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.73	21.64	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	17.96	18.87	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.95	21.86	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.04	21.95	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.66	21.57	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	18.36	19.27	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.82	21.73	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.89	21.8	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.98	21.89	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	18.3	19.21	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.17	23.08	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.29	23.2	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.33	23.24	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.49	22.4	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.23	23.14	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.24	23.15	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.24	23.15	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.4	22.31	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.24	23.15	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.33	23.24	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.47	23.38	30	PASS



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Band66	15MHz	16QAM	132047	1RB#0	21.72	22.63	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.8	22.71	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.73	22.64	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.49	21.4	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.03	22.94	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.24	23.15	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.09	23	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.47	21.38	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.88	22.79	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.79	22.7	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.87	22.78	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.51	21.42	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.02	21.93	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.05	21.96	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.16	22.07	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	17.9	18.81	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.64	21.55	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.67	21.58	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.68	21.59	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	18.35	19.26	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21	21.91	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.2	22.11	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.28	22.19	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	18.65	19.56	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.3	23.21	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.52	23.43	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.48	23.39	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.49	22.4	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.37	23.28	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.39	23.3	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.45	23.36	30	PASS



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Band66	20MHz	QPSK	132322	100RB#0	21.4	22.31	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.36	23.27	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.55	23.46	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.7	23.61	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.6	22.51	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.09	23	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.05	22.96	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.17	23.08	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.47	21.38	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.08	22.99	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.18	23.09	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.18	23.09	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.5	21.41	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.19	23.1	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.31	23.22	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.32	23.23	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.6	21.51	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.59	21.5	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.78	21.69	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.78	21.69	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	18.29	19.2	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.68	21.59	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	20.77	21.68	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.75	21.66	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	18.61	19.52	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.65	21.56	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.87	21.78	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.9	21.81	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	18.54	19.45	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	5.74	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.78	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	6.02	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.62	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.62	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.80	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	5.96	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	7.16	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	7.12	13	PASS



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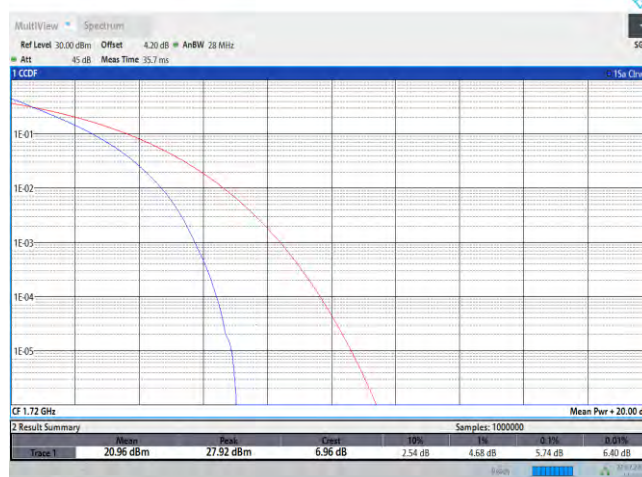
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Test Graphs

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



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



14:03:56 21.02.2023



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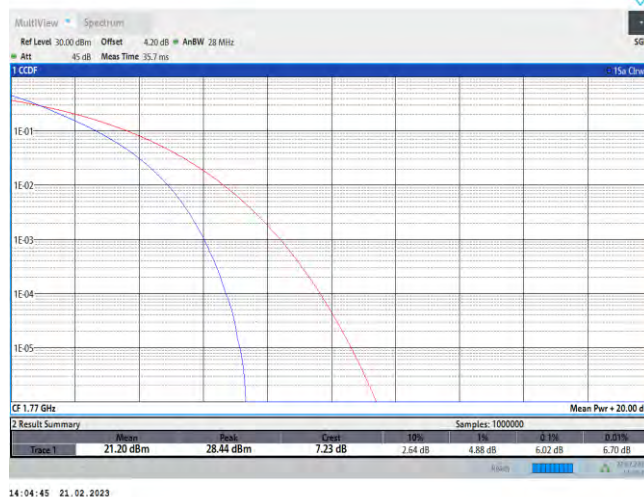
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14:04:45 21.02.2023

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



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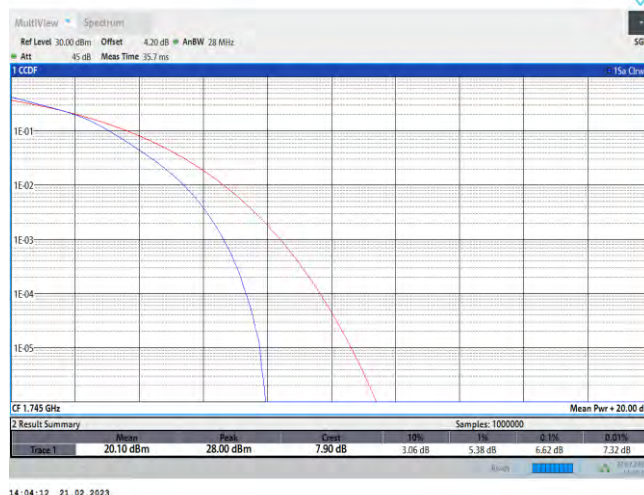
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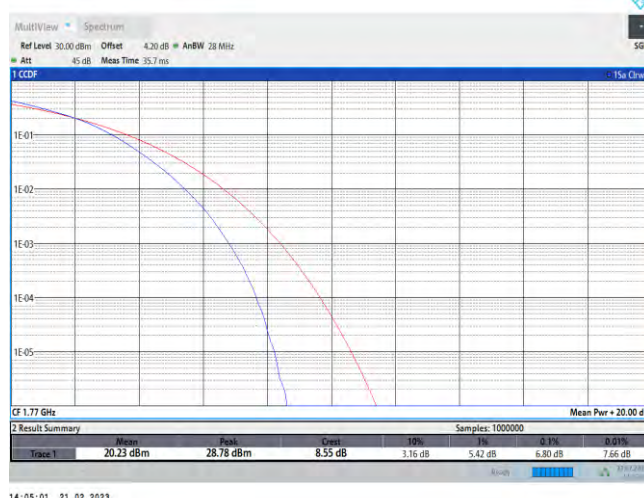
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Band66-20MHz-16QAM-132322-100RB#0



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



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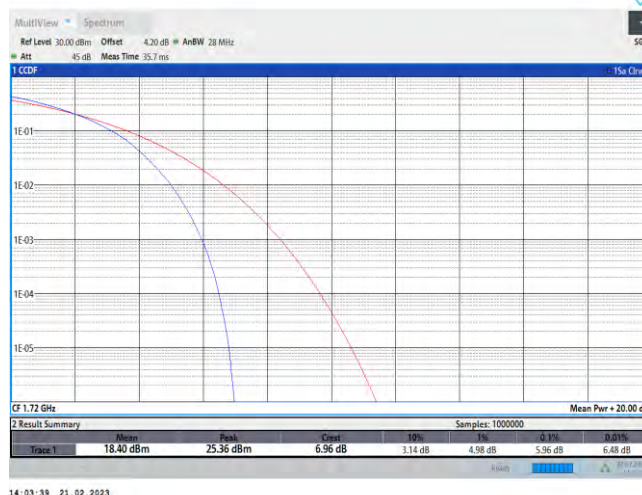
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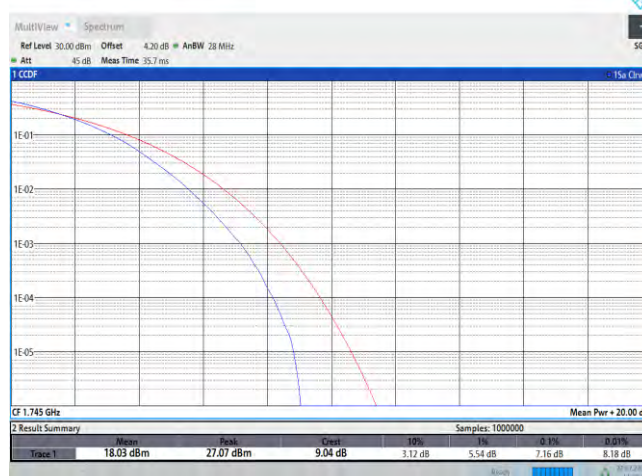
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Band66-20MHz-64QAM-132072-100RB#0



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



14:04:29 21.02.2023



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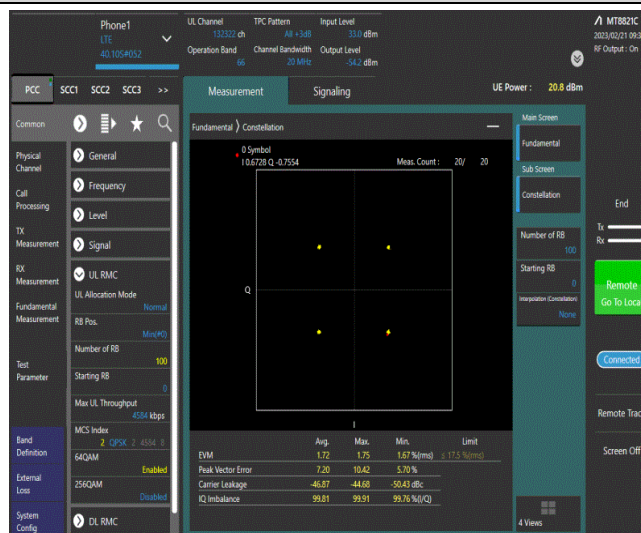
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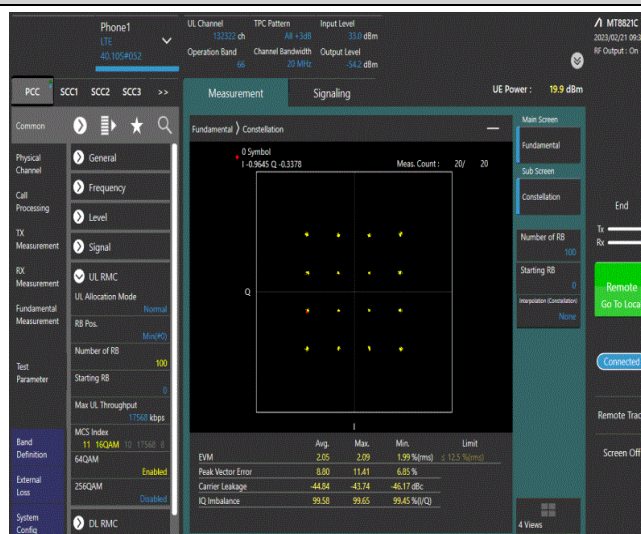
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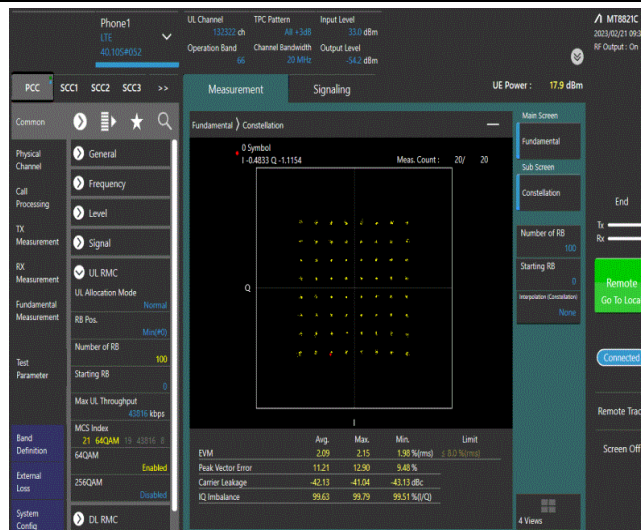
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Band66-20MHz-64QAM-132322-100RB#0



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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	1.092	1.25	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.092	1.25	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.093	1.25	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1	1.25	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.098	1.25	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.098	1.25	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.105	1.26	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.105	1.25	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.106	1.26	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.704	3.04	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.702	3.02	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.699	3.04	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.698	3.04	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.698	3.02	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.694	3.05	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.703	3.02	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.701	3.04	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.697	3.03	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.472	4.91	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.473	4.93	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.468	4.92	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.468	4.93	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.465	4.96	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.47	4.92	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.482	4.95	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.488	4.93	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.48	4.93	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.927	9.72	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.943	9.74	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.932	9.76	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.921	9.74	PASS



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Band66	10MHz	16QAM	132322	50RB#0	8.917	9.70	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.921	9.68	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.952	9.88	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.951	9.86	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.946	9.82	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.492	15.03	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.502	15.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.499	14.94	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.495	15.03	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.495	15.15	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.497	15.15	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.494	15.09	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.499	15.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.482	15.03	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.921	19.72	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.906	19.72	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.907	19.76	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.893	19.80	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.882	19.68	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.893	19.68	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.907	19.76	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.87	19.68	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.889	19.64	PASS



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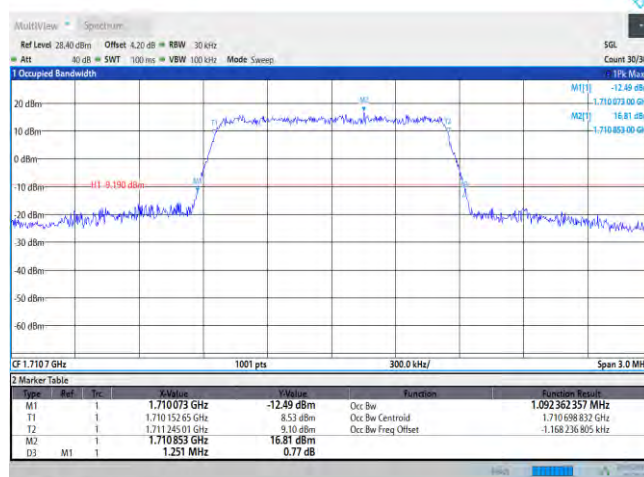
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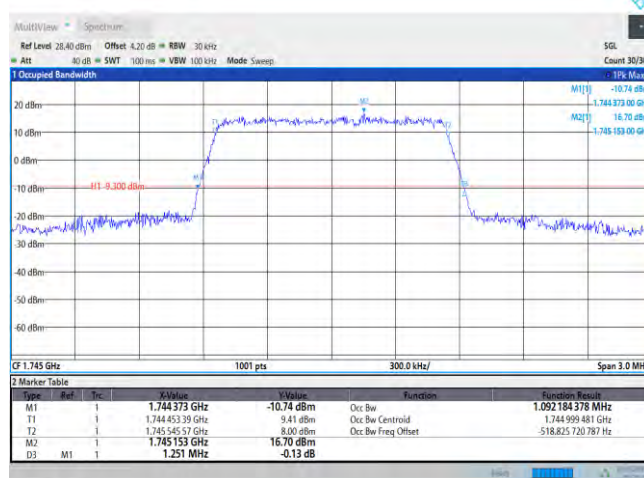
Test Graphs

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



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



19:30:20 23.02.2023



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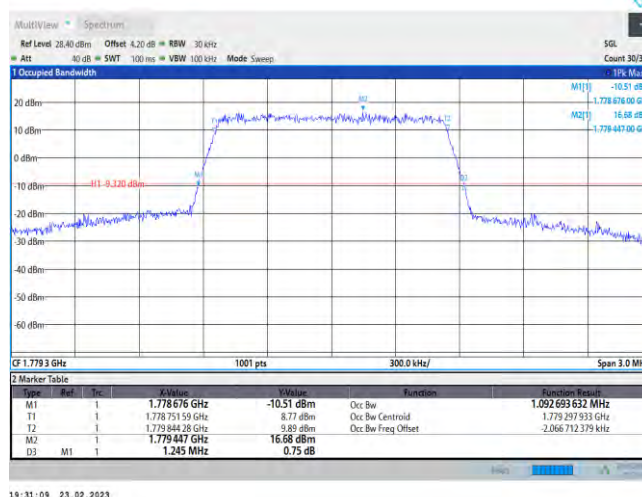
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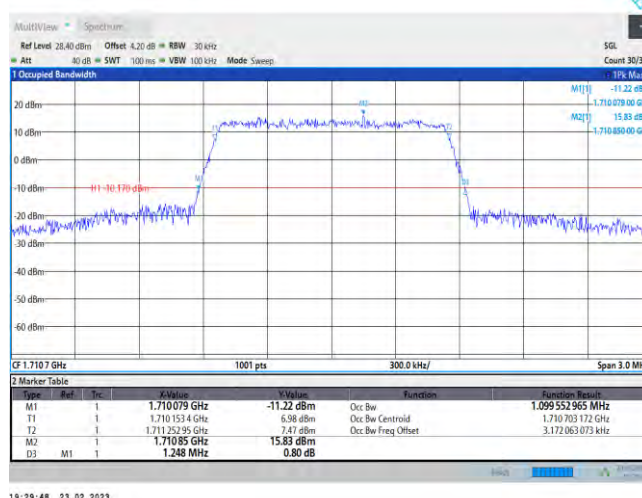
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Band66-1.4MHz-QPSK-132665-6RB#0



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



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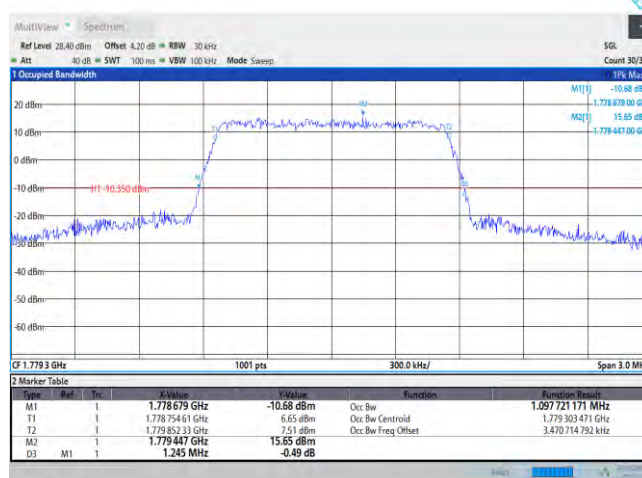
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Band66-1.4MHz-16QAM-132665-6RB#0



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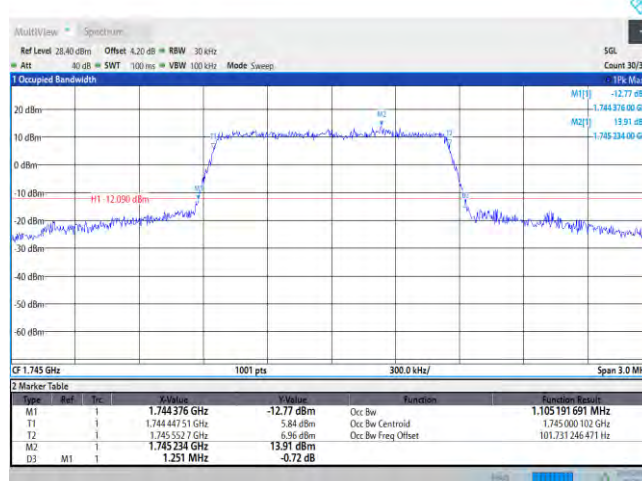
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Band66-1.4MHz-64QAM-131979-6RB#0



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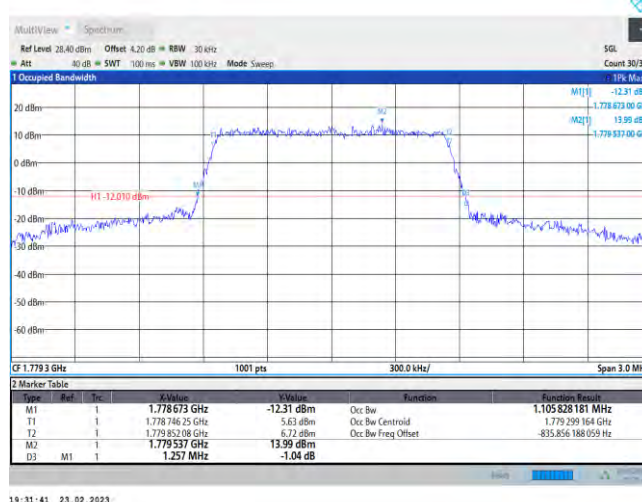
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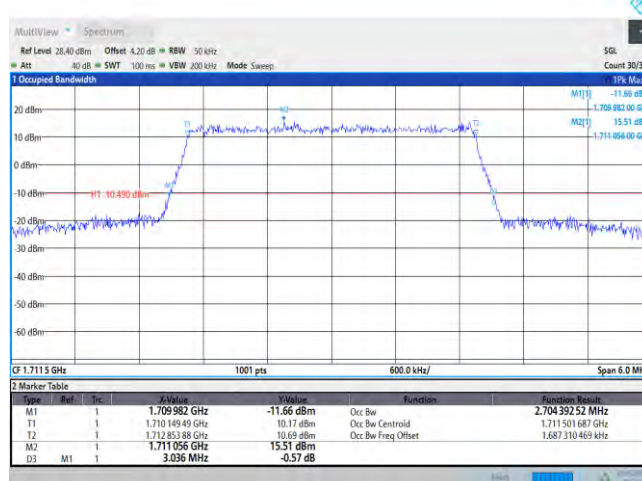
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Band66-3MHz-QPSK-131987-15RB#0



19:32:24 23.02.2023



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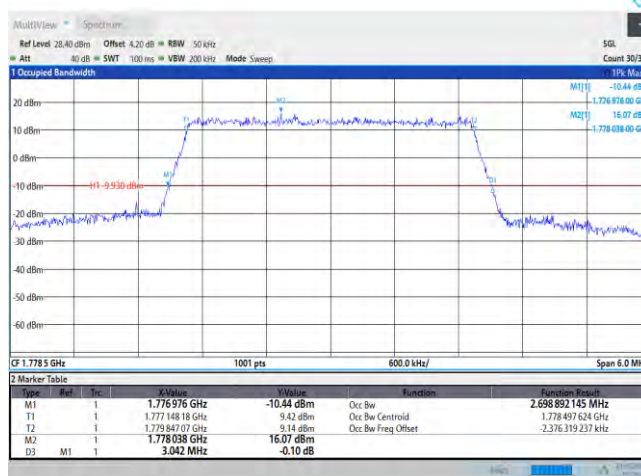
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Band66-3MHz-QPSK-132657-15RB#0



19:34:01 23.02.2023



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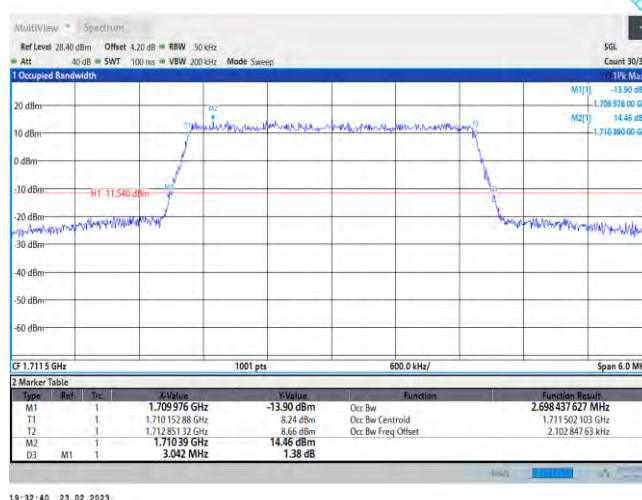
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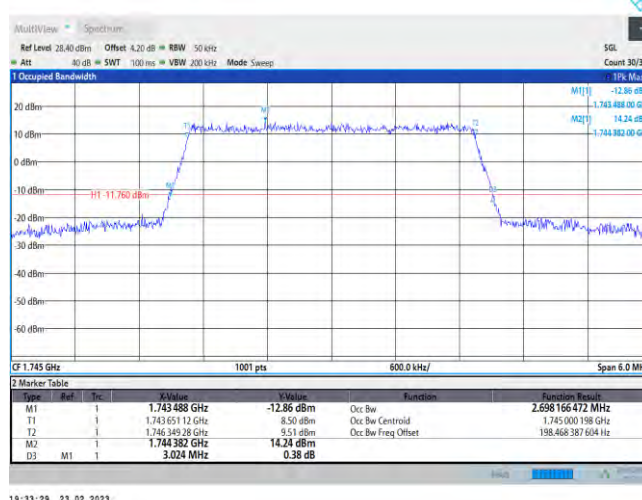
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Band66-3MHz-16QAM-131987-15RB#0



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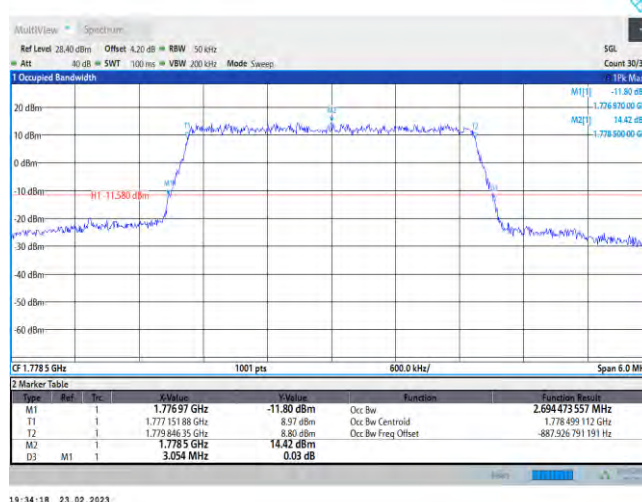
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Band66-3MHz-16QAM-132657-15RB#0



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



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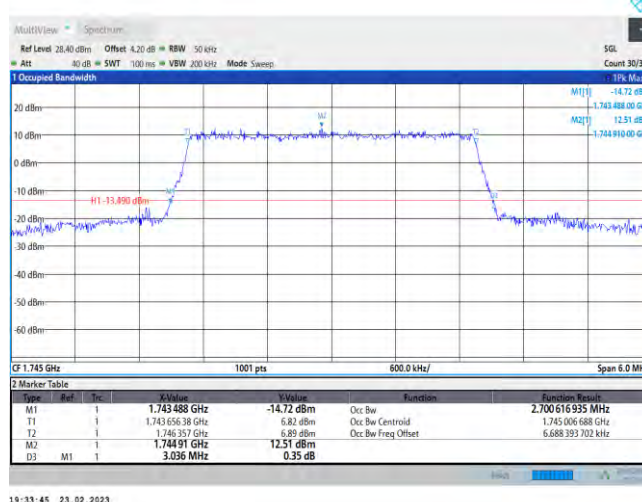
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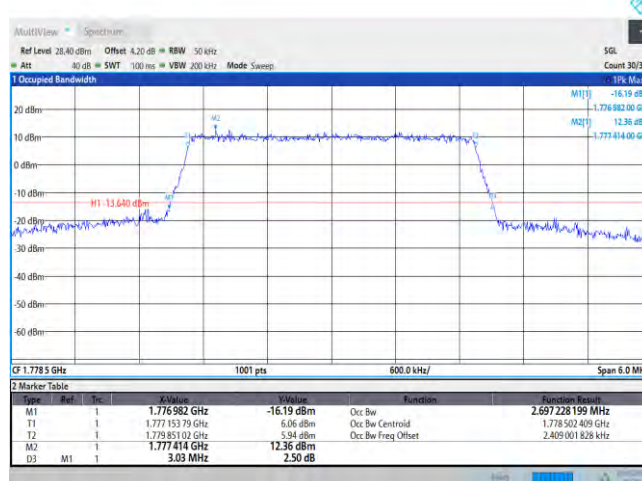
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19:33:45 23.02.2023

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19:34:34 23.02.2023



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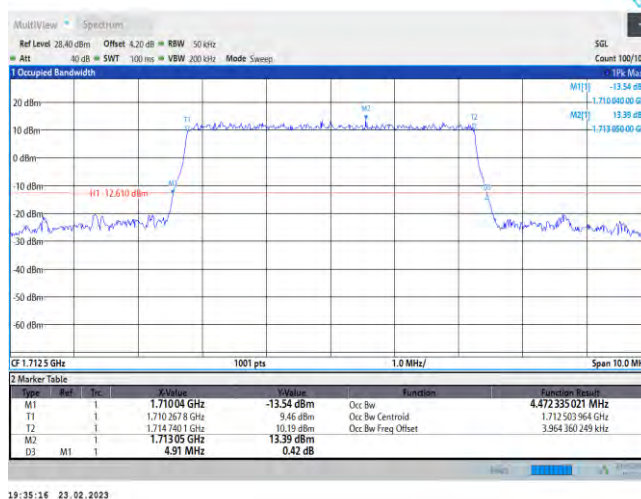
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19:35:16 23.02.2023

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



19:36:26 23.02.2023



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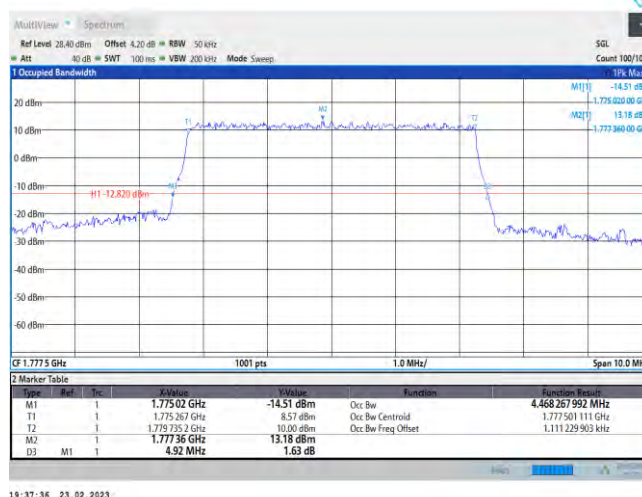
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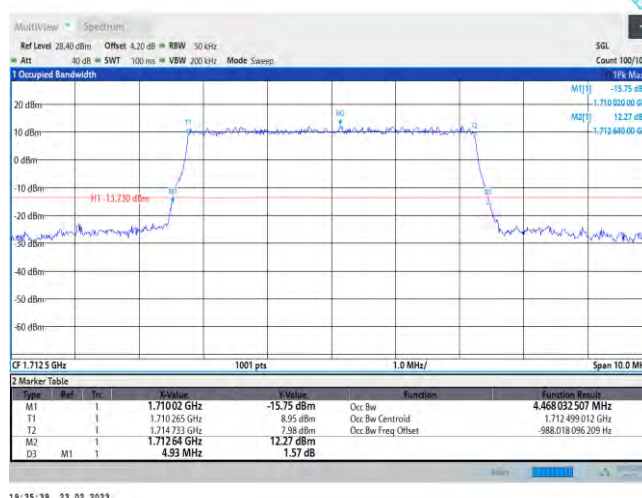
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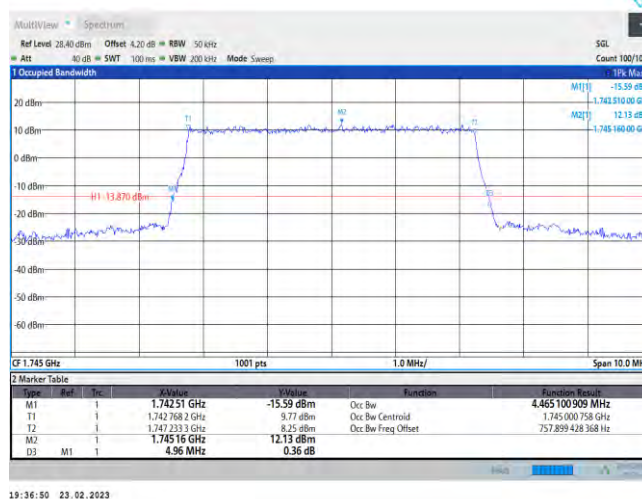
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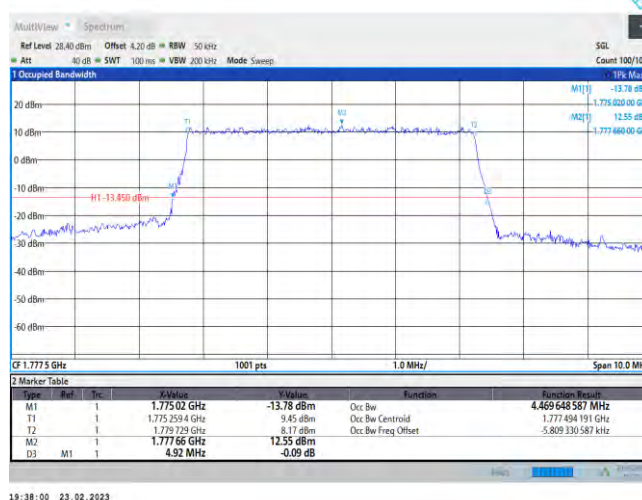
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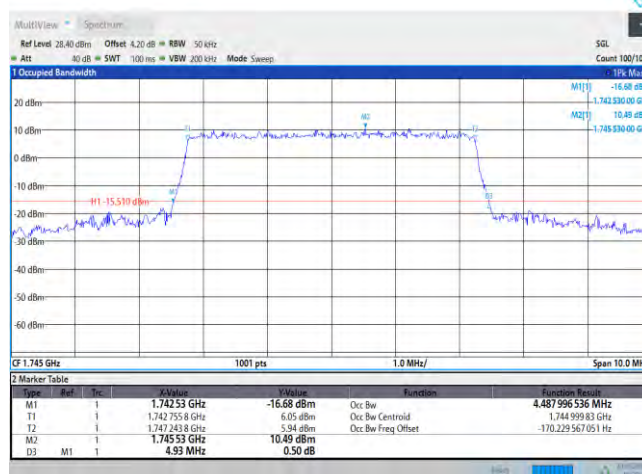
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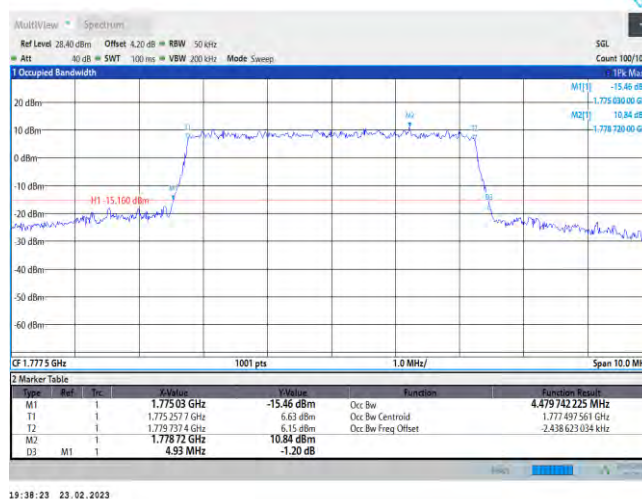
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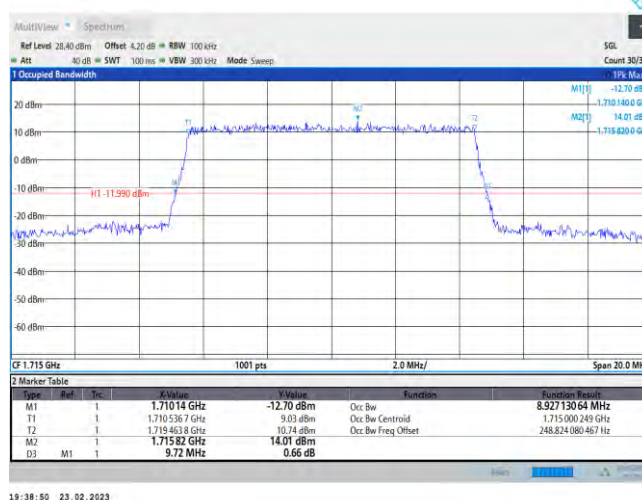
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Band66-10MHz-QPSK-132022-50RB#0



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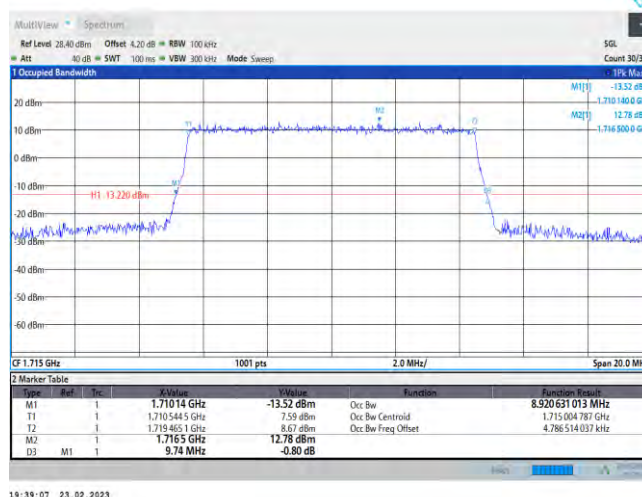
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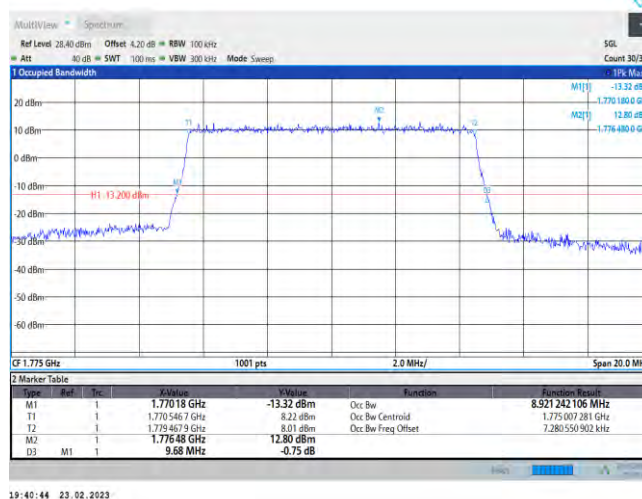
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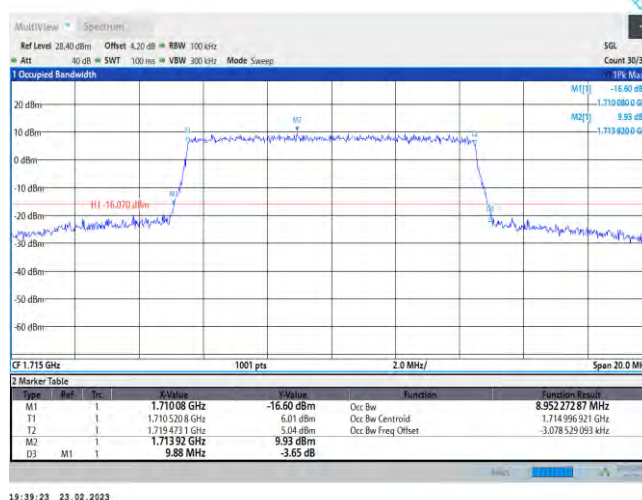
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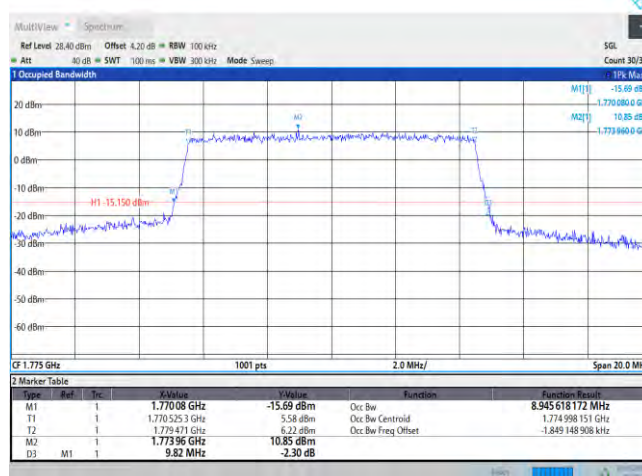
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Band66-15MHz-16QAM-132597-75RB#0



19:43:19 23.02.2023



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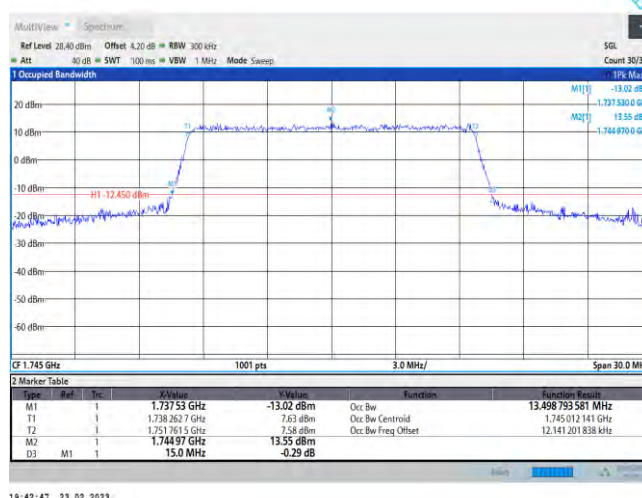
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Band66-15MHz-64QAM-132047-75RB#0



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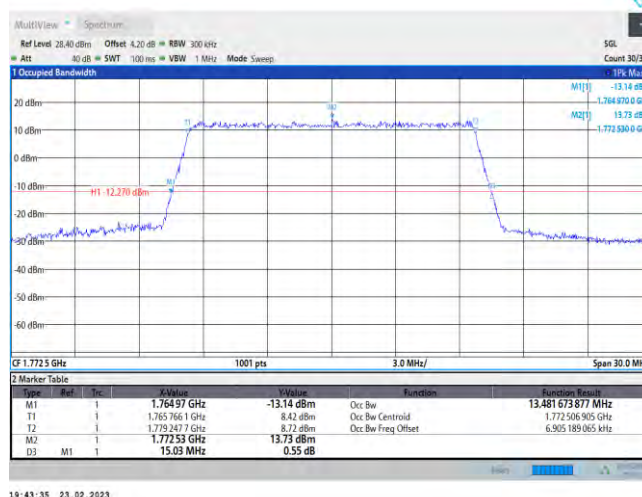
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Band66-20MHz-QPSK-132072-100RB#0



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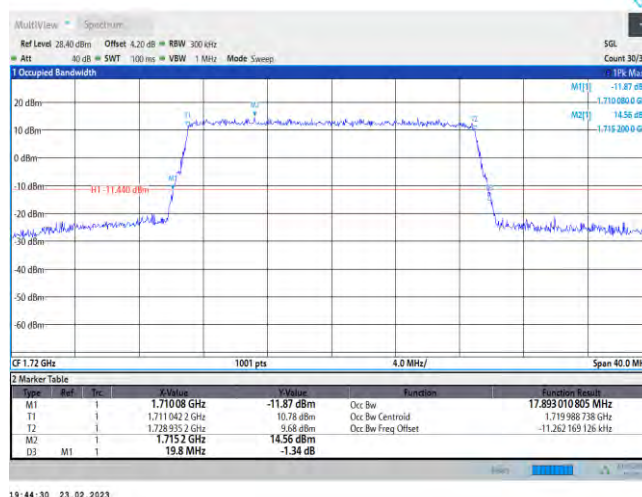
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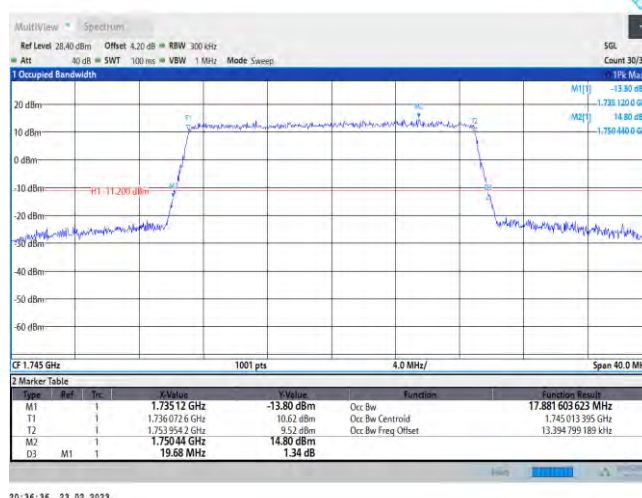
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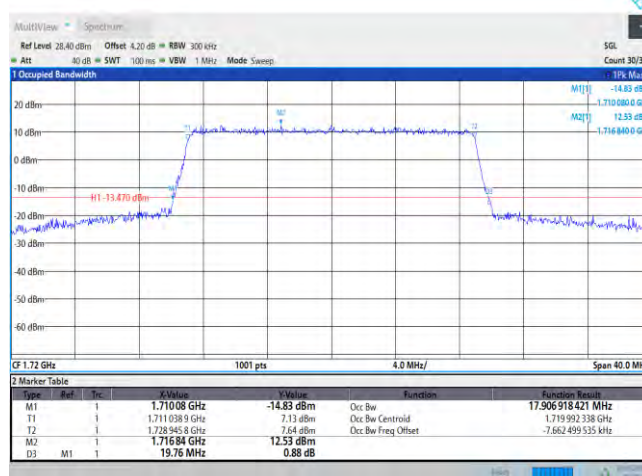
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Band66-20MHz-64QAM-132072-100RB#0



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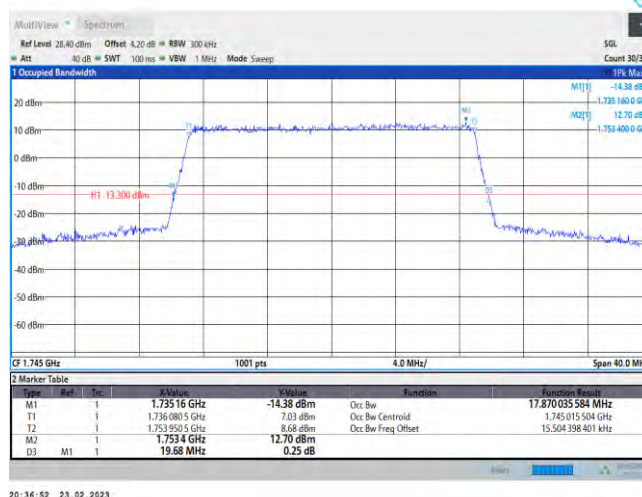
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Band66-20MHz-64QAM-132572-100RB#0



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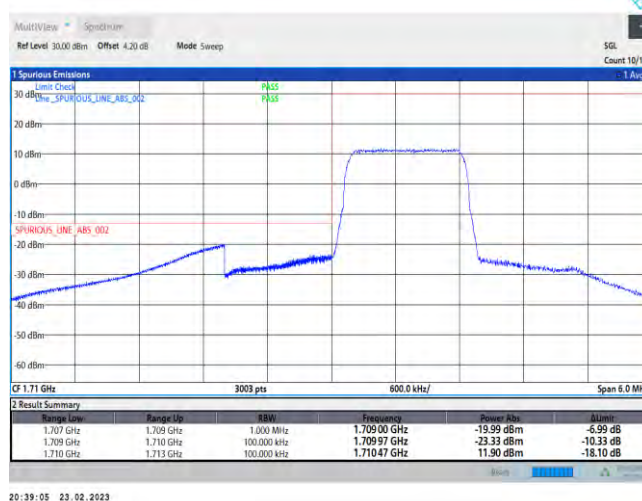
Band Edge

Test Graphs

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



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



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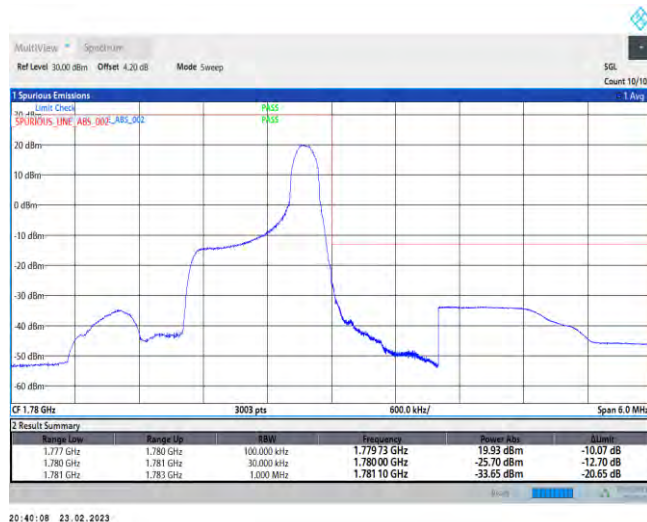
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Band66-1.4MHz-QPSK-132665-1RB#5



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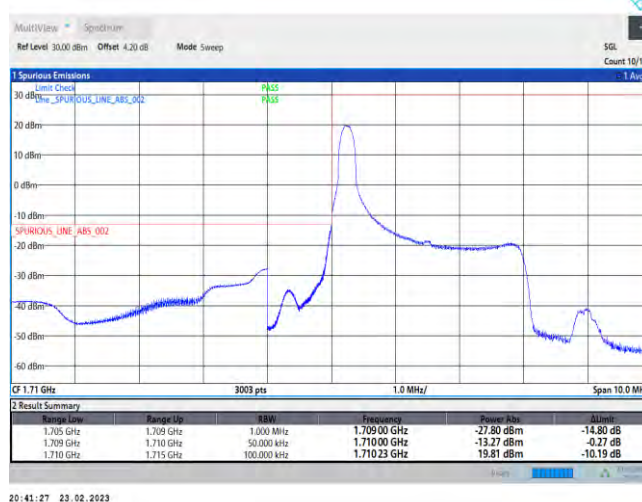
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Band66-3MHz-QPSK-131987-1RB#0



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



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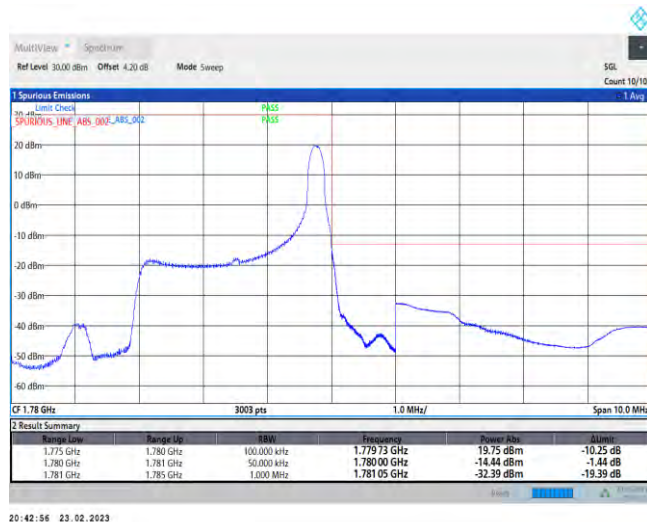
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Band66-3MHz-QPSK-132657-15RB#0



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



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



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



20:46:07 23.02.2023



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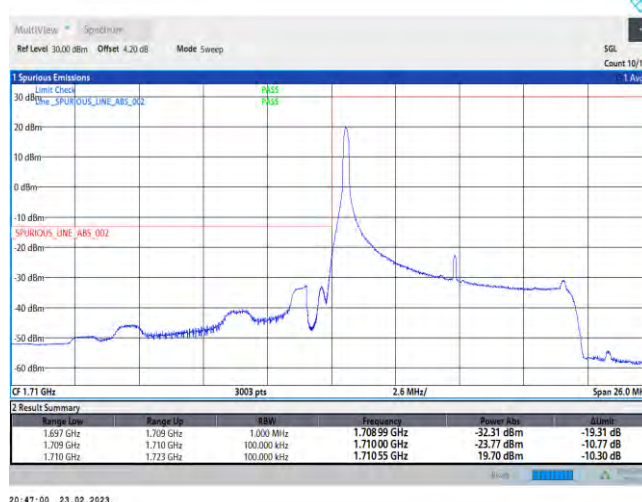
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Band66-10MHz-QPSK-132022-1RB#0



20:47:00 23.02.2023

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



20:47:23 23.02.2023



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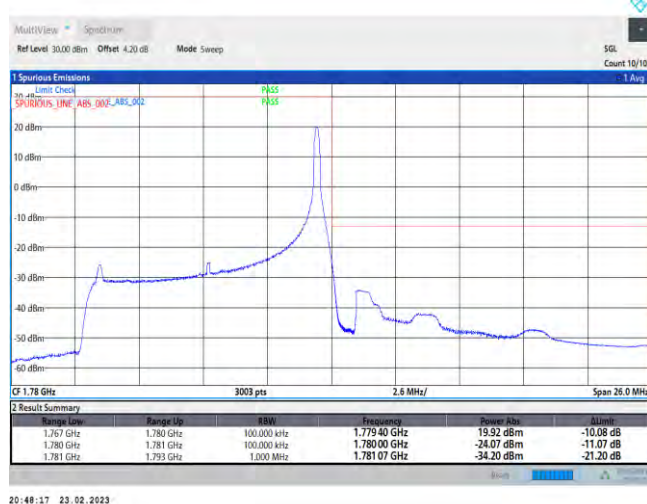
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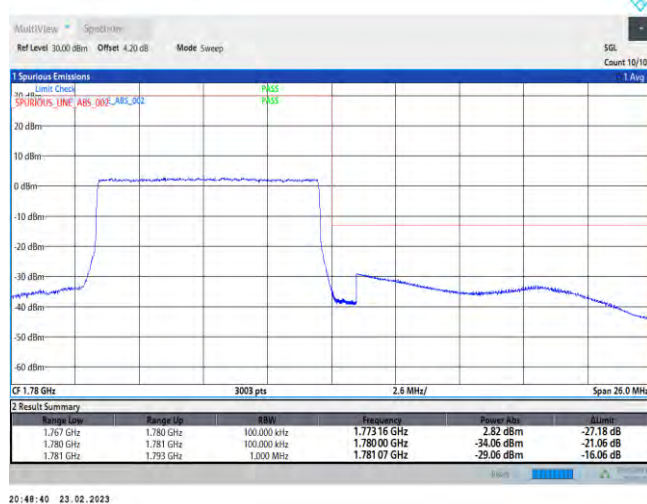
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Band66-10MHz-QPSK-132622-1RB#49



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



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



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



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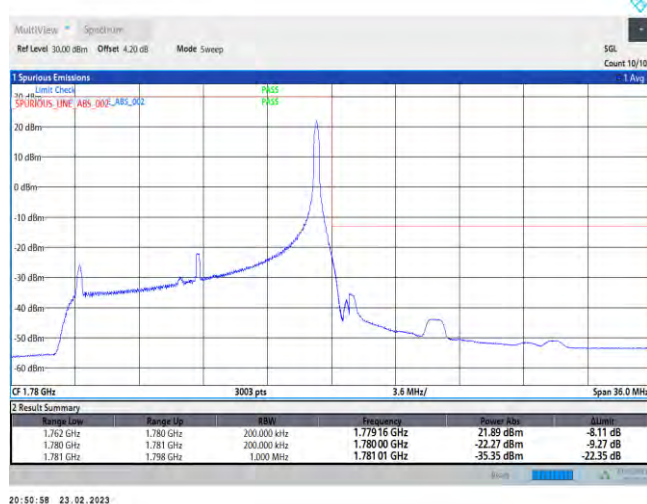
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Band66-15MHz-QPSK-132597-1RB#74



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



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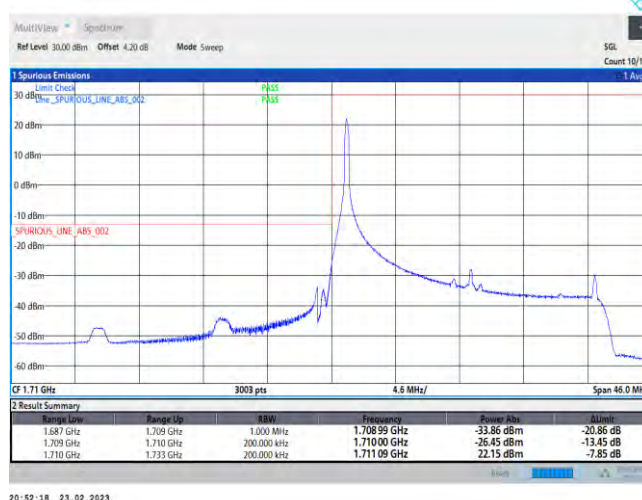
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Band66-20MHz-QPSK-132072-100RB#0



20:52:42 23.02.2023



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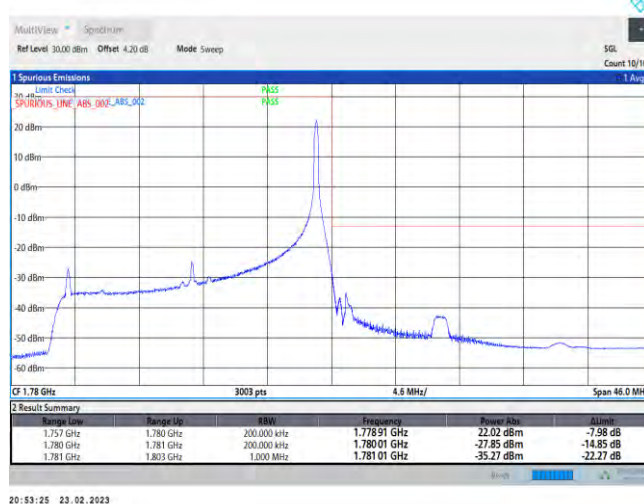
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Band66-20MHz-QPSK-132572-1RB#99



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



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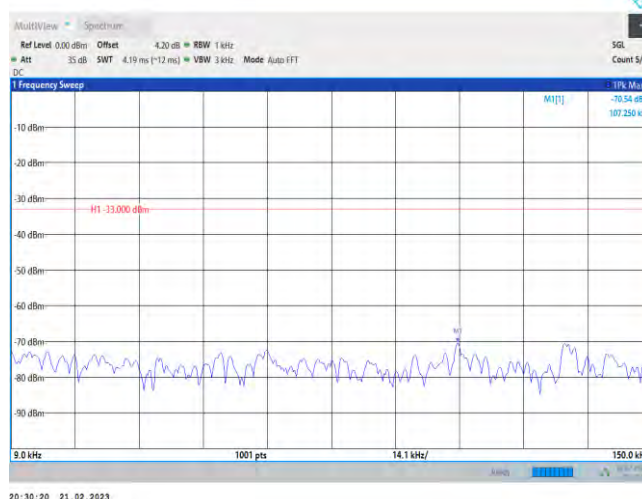
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Conducted Spurious Emission

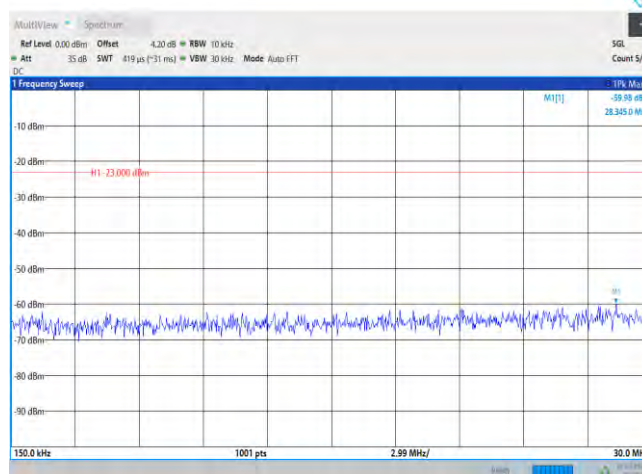
Test Graphs

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



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



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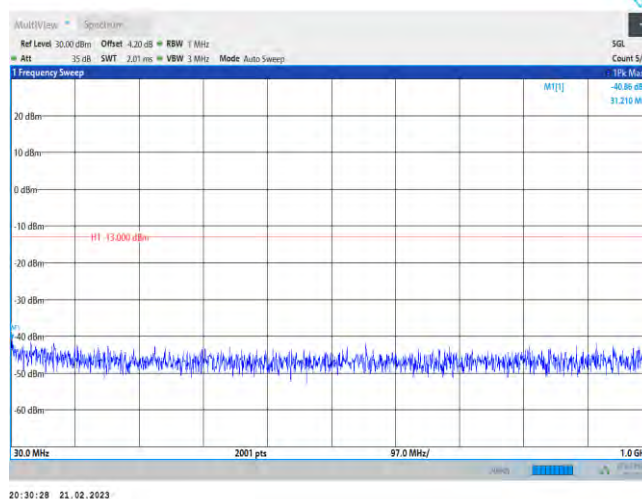
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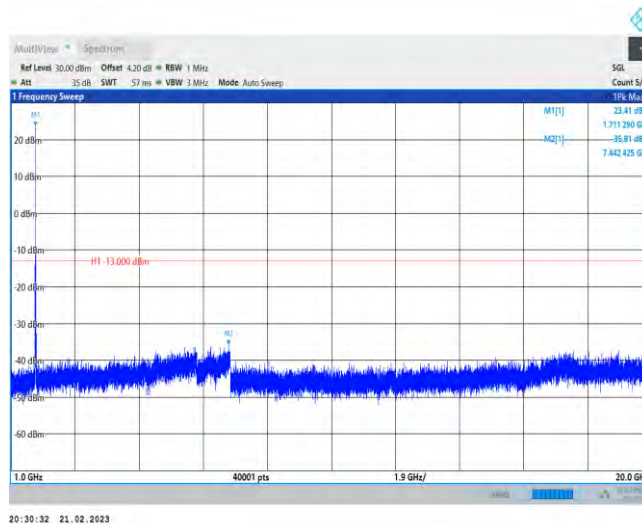
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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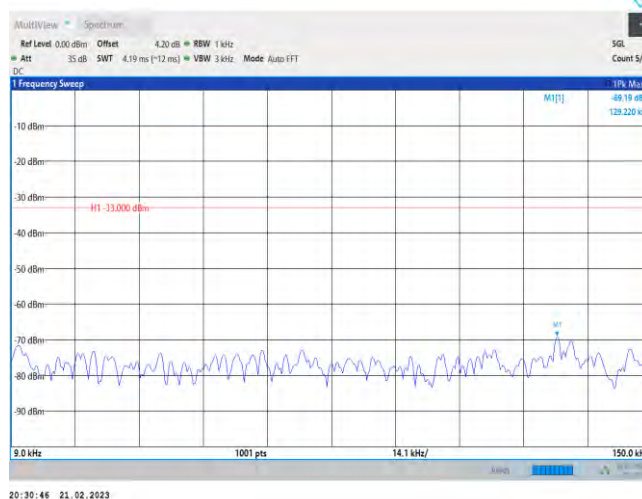
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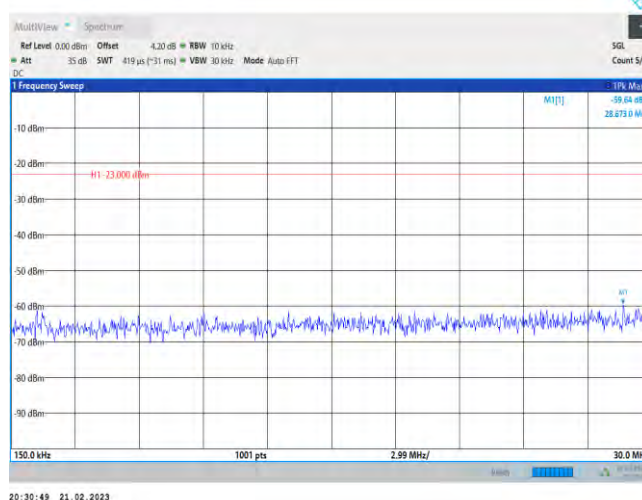
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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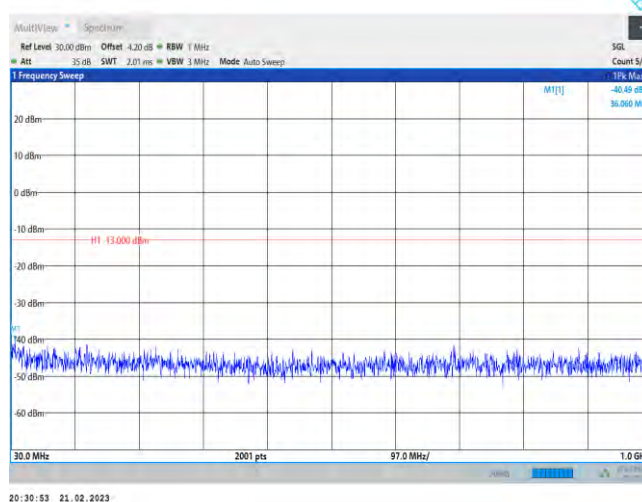
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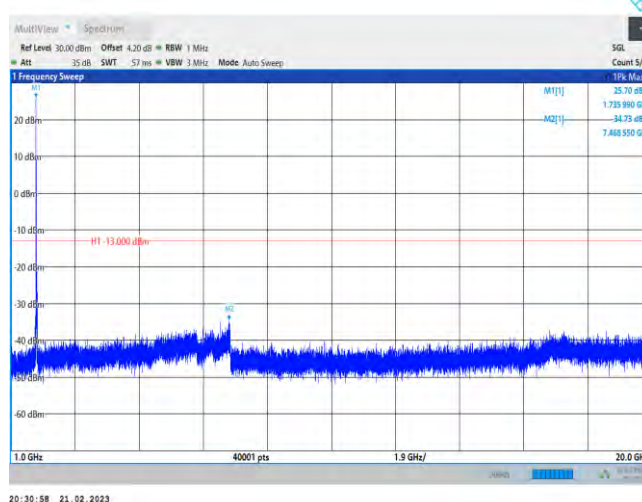
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Band66-20MHz-QPSK-132322-1RB#0-Range4:1000~20000MHz



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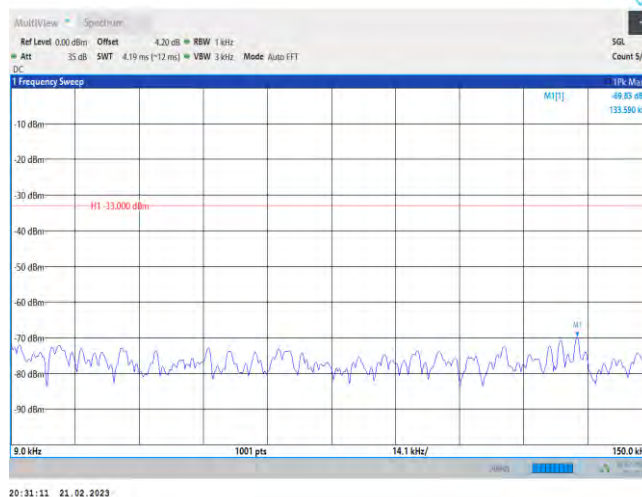
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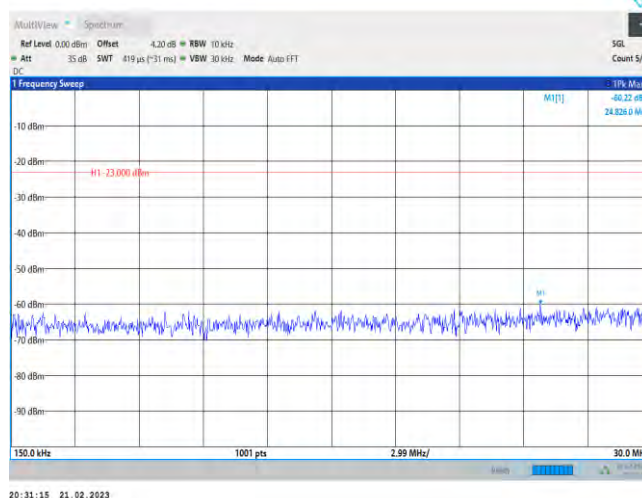
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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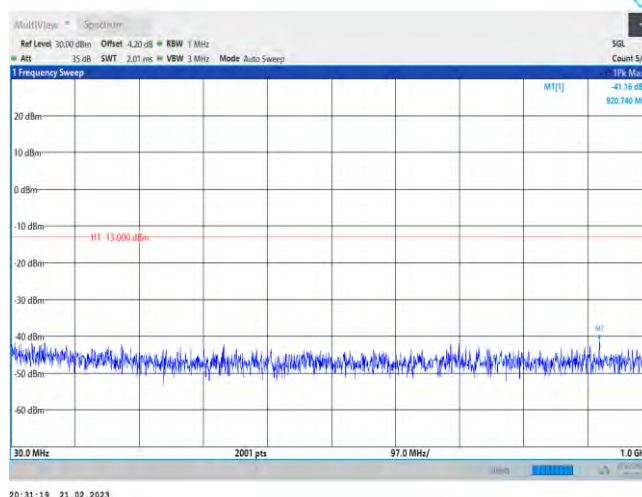
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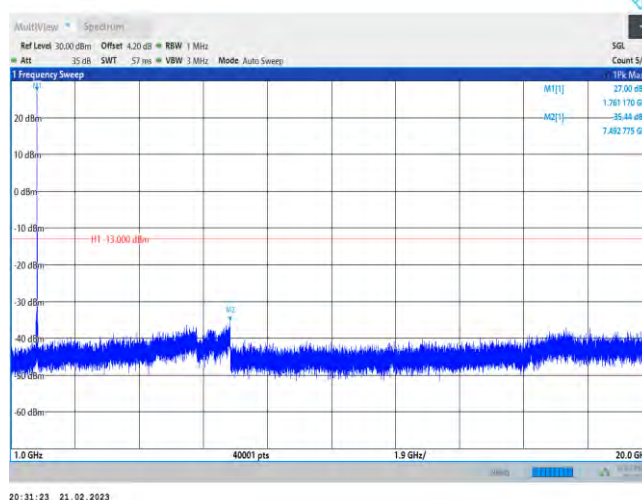
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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	3404.1800	42.78	-46.28	29.43	-69.33	-13.00	56.33	166	0	Horizontal
2	5106.2700	40.94	-45.36	32.94	-66.75	-13.00	53.75	185	1	Horizontal
3	6808.3600	40.61	-44.16	35.85	-62.96	-13.00	49.96	162	315	Horizontal
4	8510.4500	38.07	-41.59	37.56	-61.22	-13.00	48.22	184	25	Horizontal
5	10212.5400	35.36	-39.45	38.81	-60.53	-13.00	47.53	192	282	Horizontal
6	11914.6300	34.38	-37.18	38.88	-59.18	-13.00	46.18	261	177	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	42.95	-46.28	29.43	-69.16	-13.00	56.16	166	225	Vertical
2	5106.2700	40.39	-45.36	32.94	-67.30	-13.00	54.30	162	1	Vertical
3	6808.3600	41.06	-44.16	35.85	-62.51	-13.00	49.51	199	179	Vertical
4	8510.4500	38.27	-41.59	37.56	-61.02	-13.00	48.02	203	194	Vertical
5	10212.5400	35.61	-39.45	38.81	-60.28	-13.00	47.28	171	269	Vertical
6	11914.6300	34.15	-37.18	38.88	-59.41	-13.00	46.41	188	17	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	3454.1800	43.89	-46.27	29.48	-68.16	-13.00	55.16	162	43	Horizontal
2	5181.2700	40.99	-45.30	32.98	-66.59	-13.00	53.59	184	207	Horizontal
3	6908.3600	40.24	-44.05	35.97	-63.10	-13.00	50.10	166	7	Horizontal
4	8635.4500	37.56	-41.46	37.81	-61.35	-13.00	48.35	188	221	Horizontal
5	10362.5400	35.35	-39.04	38.85	-60.10	-13.00	47.10	173	238	Horizontal
6	12089.6300	34.16	-37.37	39.04	-59.43	-13.00	46.43	212	207	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	43.64	-46.27	29.48	-68.41	-13.00	55.41	162	98	Vertical
2	5181.2700	41.30	-45.30	32.98	-66.28	-13.00	53.28	199	248	Vertical
3	6908.3600	40.47	-44.05	35.97	-62.87	-13.00	49.87	206	70	Vertical
4	8635.4500	37.67	-41.46	37.81	-61.24	-13.00	48.24	182	248	Vertical
5	10362.5400	35.25	-39.04	38.85	-60.20	-13.00	47.20	174	38	Vertical
6	12089.6300	34.16	-37.37	39.04	-59.43	-13.00	46.43	166	0	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	3504.1800	43.22	-46.25	29.52	-68.77	-13.00	55.77	166	19	Horizontal
2	5256.2700	41.20	-45.17	32.94	-66.30	-13.00	53.30	185	243	Horizontal
3	7008.3600	40.06	-43.61	36.10	-62.71	-13.00	49.71	171	108	Horizontal
4	8760.4500	38.00	-41.42	38.02	-60.67	-13.00	47.67	162	213	Horizontal
5	10512.5400	34.79	-38.76	38.97	-60.26	-13.00	47.26	251	346	Horizontal
6	12262.6300	34.42	-37.44	39.11	-59.17	-13.00	46.17	177	3	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	42.97	-46.25	29.52	-69.02	-13.00	56.02	133	356	Vertical
2	5256.2700	41.16	-45.17	32.94	-66.34	-13.00	53.34	162	135	Vertical
3	7008.3600	39.91	-43.61	36.10	-62.86	-13.00	49.86	185	330	Vertical
4	8760.4500	38.75	-41.42	38.02	-59.92	-13.00	46.92	165	356	Vertical
5	10512.5400	34.80	-38.76	38.97	-60.25	-13.00	47.25	188	135	Vertical
6	12262.6300	34.00	-37.44	39.11	-59.59	-13.00	46.59	212	0	Vertical



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Test Band = LTE 66A_66A_ 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	3404.1800	42.14	-46.28	29.43	-69.97	-13.00	56.97	204	30	Horizontal
2	5106.2700	40.39	-45.36	32.94	-67.30	-13.00	54.30	166	4	Horizontal
3	6808.3600	39.89	-44.16	35.85	-63.68	-13.00	50.68	203	4	Horizontal
4	8510.4500	38.11	-41.59	37.56	-61.18	-13.00	48.18	296	121	Horizontal
5	10212.5400	34.05	-39.45	38.81	-61.84	-13.00	48.84	214	358	Horizontal
6	11914.6300	30.86	-37.18	38.88	-62.70	-13.00	49.70	228	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	3404.1800	41.82	-46.28	29.43	-70.29	-13.00	57.29	158	120	Vertical
2	5106.2700	40.54	-45.36	32.94	-67.15	-13.00	54.15	249	134	Vertical
3	6808.3600	40.10	-44.16	35.85	-63.47	-13.00	50.47	263	74	Vertical
4	8510.4500	37.58	-41.59	37.56	-61.71	-13.00	48.71	201	360	Vertical
5	10212.5400	33.39	-39.45	38.81	-62.50	-13.00	49.50	156	359	Vertical
6	11914.6300	30.52	-37.18	38.88	-63.04	-13.00	50.04	187	300	Vertical



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Test Band = LTE 66A_66A_ 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	3454.1800	43.57	-46.27	29.48	-68.48	-13.00	55.48	189	274	Horizontal
2	5181.2700	40.41	-45.30	32.98	-67.17	-13.00	54.17	163	242	Horizontal
3	6908.3600	40.00	-44.05	35.97	-63.34	-13.00	50.34	258	334	Horizontal
4	8635.4500	38.00	-41.46	37.81	-60.91	-13.00	47.91	293	138	Horizontal
5	10362.5400	34.35	-39.04	38.85	-61.10	-13.00	48.10	284	48	Horizontal
6	12089.6300	31.04	-37.37	39.04	-62.55	-13.00	49.55	176	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	44.33	-46.27	29.48	-67.72	-13.00	54.72	188	121	Vertical
2	5181.2700	40.03	-45.30	32.98	-67.55	-13.00	54.55	286	226	Vertical
3	6908.3600	39.93	-44.05	35.97	-63.41	-13.00	50.41	247	344	Vertical
4	8635.4500	37.25	-41.46	37.81	-61.66	-13.00	48.66	193	195	Vertical
5	10362.5400	34.09	-39.04	38.85	-61.36	-13.00	48.36	255	135	Vertical
6	12089.6300	31.44	-37.37	39.04	-62.15	-13.00	49.15	159	360	Vertical



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Test Band = LTE 66A_66A_ 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	3504.1800	42.30	-46.25	29.52	-69.69	-13.00	56.69	163	120	Horizontal
2	5256.2700	41.01	-45.17	32.94	-66.49	-13.00	53.49	269	360	Horizontal
3	7008.3600	39.99	-43.61	36.10	-62.78	-13.00	49.78	248	14	Horizontal
4	8760.4500	37.25	-41.42	38.02	-61.42	-13.00	48.42	155	344	Horizontal
5	10512.5400	34.03	-38.76	38.97	-61.02	-13.00	48.02	203	151	Horizontal
6	12262.6300	32.01	-37.44	39.11	-61.58	-13.00	48.58	181	14	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	42.97	-46.25	29.52	-69.02	-13.00	56.02	253	284	Vertical
2	5256.2700	40.43	-45.17	32.94	-67.07	-13.00	54.07	205	345	Vertical
3	7008.3600	39.83	-43.61	36.10	-62.94	-13.00	49.94	186	359	Vertical
4	8760.4500	38.53	-41.42	38.02	-60.14	-13.00	47.14	291	316	Vertical
5	10512.5400	33.43	-38.76	38.97	-61.62	-13.00	48.62	156	179	Vertical
6	12262.6300	32.30	-37.44	39.11	-61.29	-13.00	48.29	177	360	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	1.00	0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	1.70	0.000974	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	1.00	0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	0.10	0.000057	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	1.00	0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	0.60	0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	0.90	0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	0.00	0.000000	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	1.00	0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	0.70	0.000401	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	1.60	0.000917	PASS

---End of Attachment---



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