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Appendix B.15

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	22.01	23.94	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.16	24.09	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.06	23.99	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	21.19	23.12	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.09	24.02	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.16	24.09	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.07	24	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	21.19	23.12	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.29	24.22	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.32	24.25	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.3	24.23	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.38	23.31	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	21.48	23.41	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	21.49	23.42	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	21.32	23.25	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	20.3	22.23	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	21.47	23.4	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	21.5	23.43	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	21.45	23.38	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	20.22	22.15	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.61	23.54	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	21.65	23.58	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.61	23.54	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.47	22.4	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.3	22.23	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.41	22.34	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.35	22.28	30	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	19.22	21.15	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	20.42	22.35	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	20.42	22.35	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.35	22.28	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.23	21.16	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.63	22.56	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.62	22.55	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.56	22.49	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.36	21.29	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.17	24.1	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.21	24.14	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.15	24.08	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	21.23	23.16	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.22	24.15	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.26	24.19	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.12	24.05	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	21.3	23.23	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.39	24.32	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.46	24.39	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.29	24.22	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.42	23.35	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	21.5	23.43	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	21.59	23.52	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	21.46	23.39	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	20.29	22.22	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	21.51	23.44	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	21.54	23.47	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	21.39	23.32	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	20.33	22.26	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.61	23.54	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.65	23.58	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.72	23.65	30	PASS



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Band66	3MHz	16QAM	132657	15RB#0	20.47	22.4	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.38	22.31	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.54	22.47	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.47	22.4	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.22	21.15	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.41	22.34	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	20.59	22.52	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.43	22.36	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.31	21.24	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.66	22.59	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.73	22.66	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.51	22.44	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.53	21.46	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.13	24.06	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.15	24.08	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.13	24.06	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.28	23.21	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.08	24.01	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.3	24.23	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.18	24.11	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.24	23.17	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.21	24.14	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.38	24.31	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.33	24.26	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.39	23.32	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.4	23.33	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.53	23.46	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.43	23.36	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.3	22.23	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.38	23.31	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.63	23.56	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.51	23.44	30	PASS



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Band66	5MHz	16QAM	132322	25RB#0	20.32	22.25	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.51	23.44	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.71	23.64	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.61	23.54	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.38	22.31	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.43	22.36	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.48	22.41	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.32	22.25	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.26	21.19	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.47	22.4	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	20.46	22.39	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.39	22.32	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.33	21.26	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.54	22.47	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.51	22.44	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.52	22.45	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.44	21.37	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	21.79	23.72	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.17	24.1	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	21.97	23.9	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.18	23.11	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	21.94	23.87	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.28	24.21	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	21.93	23.86	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.24	23.17	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	21.96	23.89	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.29	24.22	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.11	24.04	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.34	23.27	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.22	23.15	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.58	23.51	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.2	23.13	30	PASS



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Band66	10MHz	16QAM	132322	1RB#0	21.3	23.23	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.52	23.45	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.43	23.36	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.21	22.14	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.43	23.36	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.75	23.68	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.36	23.29	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.34	22.27	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.15	22.08	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.4	22.33	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.26	22.19	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.24	21.17	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.03	21.96	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	20.42	22.35	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.21	22.14	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.27	21.2	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.19	22.12	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.42	22.35	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.32	22.25	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.29	21.22	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	21.93	23.86	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.05	23.98	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.02	23.95	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.19	23.12	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	21.99	23.92	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.11	24.04	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	21.99	23.92	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.18	23.11	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.18	24.11	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.27	24.2	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.26	24.19	30	PASS



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Band66	15MHz	16QAM	132047	1RB#0	21.19	23.12	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.38	23.31	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.23	23.16	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.22	22.15	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.33	23.26	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.54	23.47	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.33	23.26	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.28	22.21	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.51	23.44	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.66	23.59	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.6	23.53	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.33	22.26	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.31	22.24	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.44	22.37	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.29	22.22	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.28	21.21	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.24	22.17	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.37	22.3	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.32	22.25	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.18	21.11	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.44	22.37	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.49	22.42	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.55	22.48	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.21	21.14	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.36	24.29	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.12	24.05	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.02	23.95	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.25	23.18	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	21.8	23.73	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.12	24.05	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	21.99	23.92	30	PASS



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Band66	20MHz	QPSK	132322	100RB#0	21.16	23.09	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.14	24.07	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.24	24.17	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.32	24.25	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.17	23.1	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.36	23.29	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.52	23.45	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.02	22.95	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.36	22.29	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.17	23.1	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.48	23.41	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.23	23.16	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.22	22.15	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.47	23.4	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.57	23.5	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.61	23.54	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.19	22.12	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.36	22.29	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.12	22.05	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.36	22.29	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.52	21.45	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.05	21.98	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	20.28	22.21	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.17	22.1	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.26	21.19	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.32	22.25	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.44	22.37	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.56	22.49	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.25	21.18	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	5.30	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.44	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.86	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.98	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.08	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.34	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.50	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.54	13	PASS



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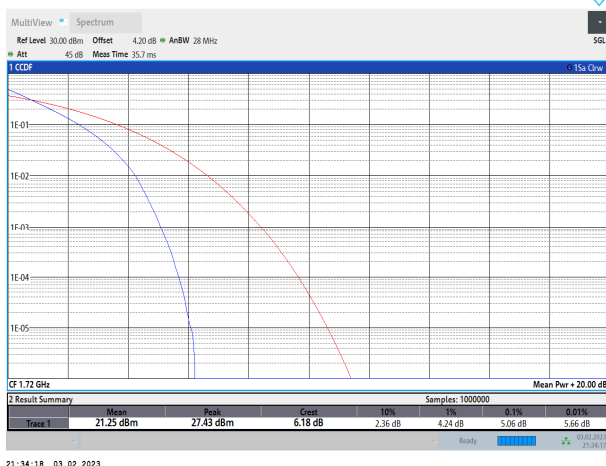
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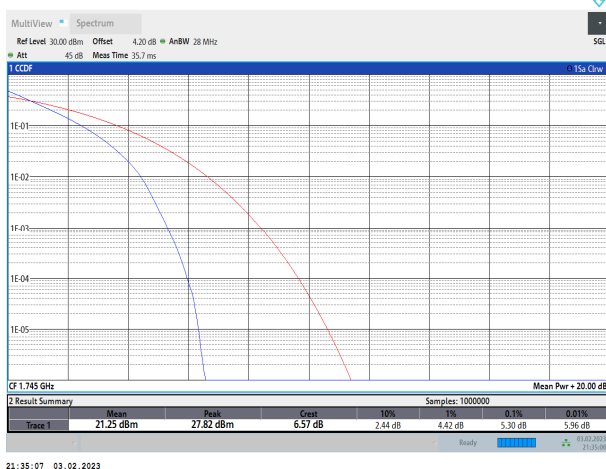
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Test Graphs

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



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



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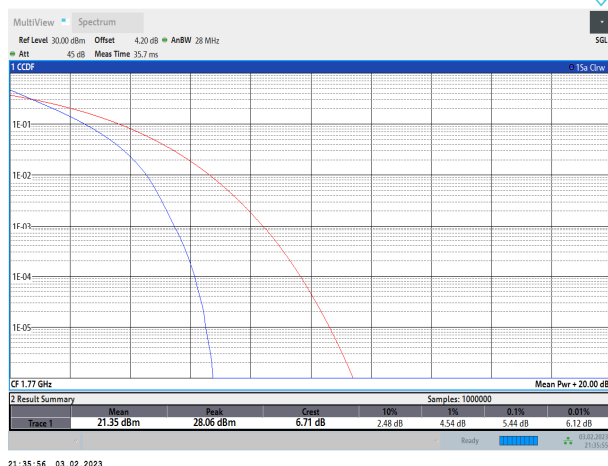
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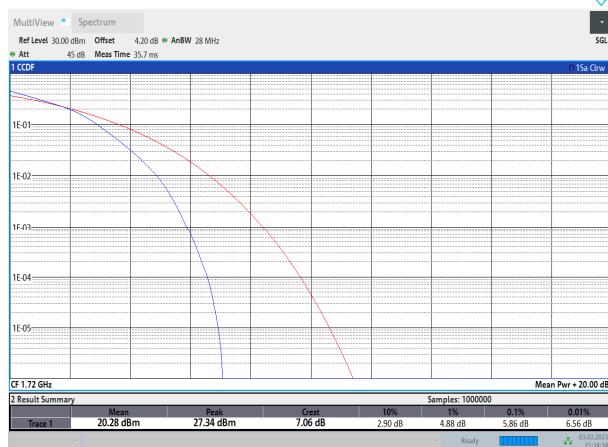
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Band66-20MHz-QPSK-132572-100RB#0



21:35:56 03.02.2023

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



21:34:34 03.02.2023



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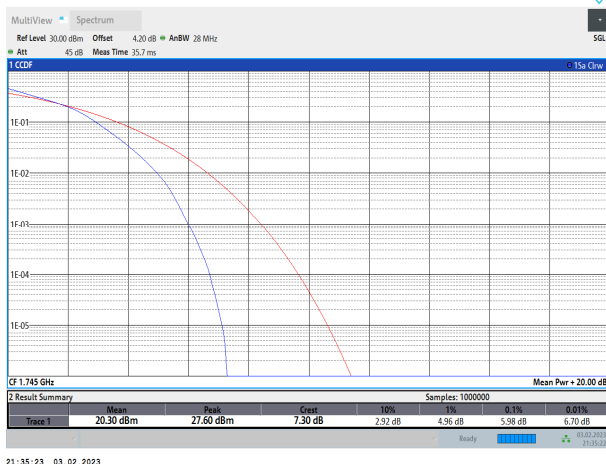
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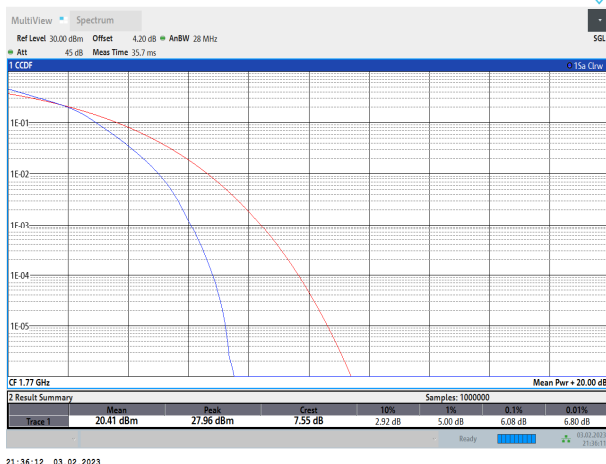
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Band66-20MHz-16QAM-132322-100RB#0



21:35:23 03.02.2023

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



21:36:12 03.02.2023



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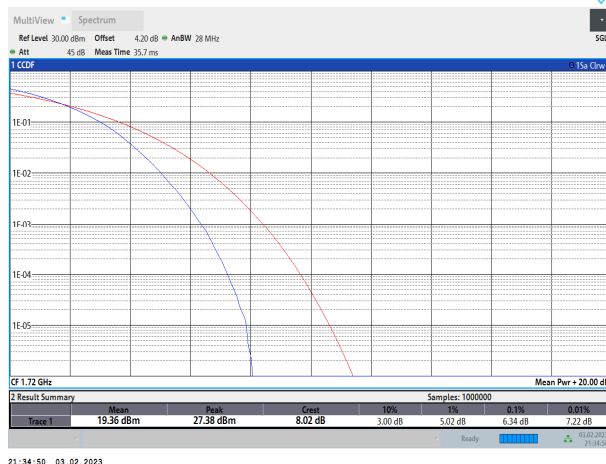
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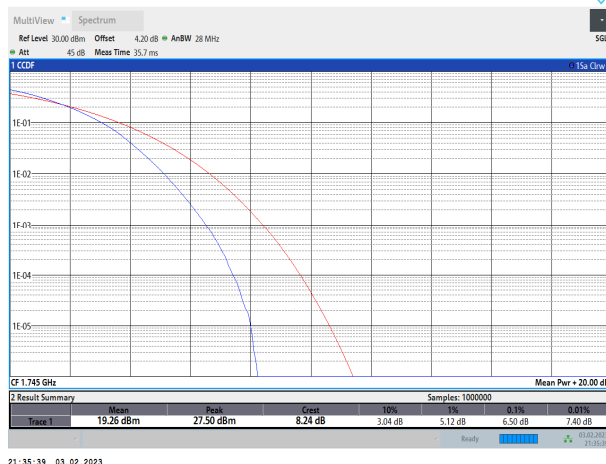
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Band66-20MHz-64QAM-132072-100RB#0



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



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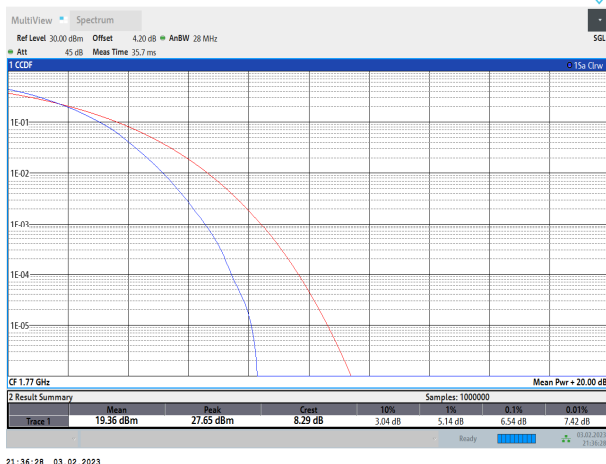
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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.084	1.23	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.095	1.25	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.084	1.23	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.092	1.24	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.099	1.25	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.092	1.24	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.09	1.24	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.091	1.24	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.09	1.24	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.69	2.98	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.692	2.99	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.69	2.98	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.687	2.99	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.684	2.99	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.685	2.98	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.688	2.98	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.687	2.97	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.687	2.97	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.468	4.88	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.467	4.89	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.468	4.89	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.468	4.87	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.469	4.89	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.469	4.88	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.475	4.89	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.478	4.89	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.477	4.89	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.925	9.60	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.917	9.64	PASS



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Band66	10MHz	QPSK	132622	50RB#0	8.931	9.64	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.908	9.60	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.909	9.64	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.911	9.66	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.923	9.64	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.917	9.66	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.927	9.66	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.466	14.76	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.47	14.73	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.473	14.73	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.461	14.79	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.462	14.76	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.471	14.88	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.429	14.79	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.437	14.82	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.431	14.82	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.921	19.48	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.932	19.60	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.929	19.60	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.851	19.36	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.879	19.52	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.898	19.44	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.864	19.44	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.879	19.56	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.92	19.44	PASS



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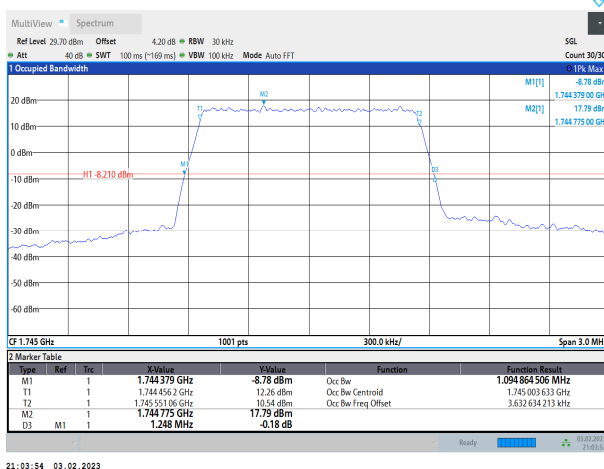
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Test Graphs

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



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

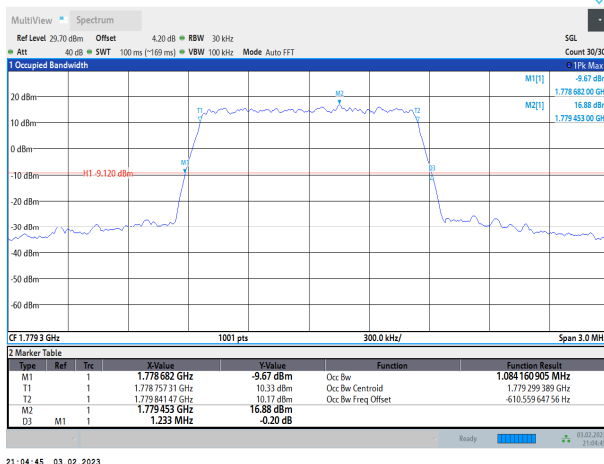


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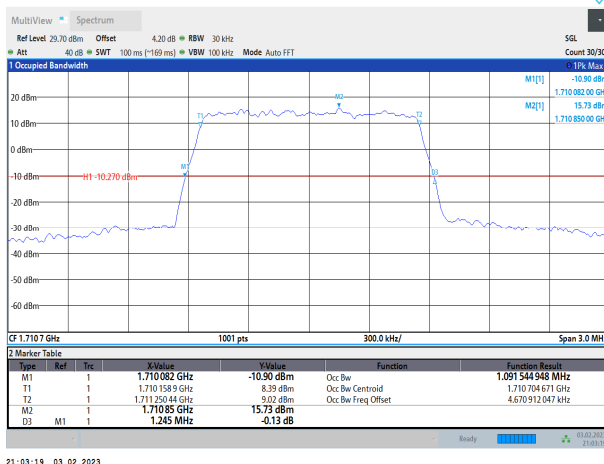
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Band66-1.4MHz-QPSK-132665-6RB#0



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



21:03:19 03.02.2023



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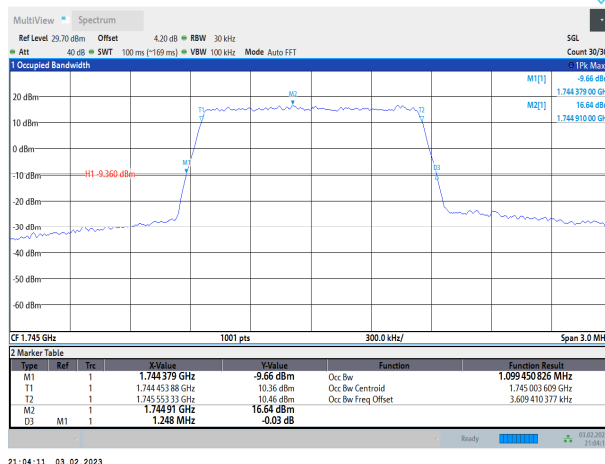
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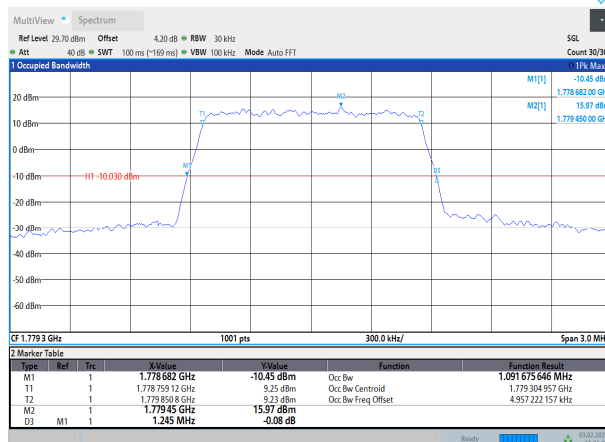
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Band66-1.4MHz-16QAM-132322-6RB#0



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



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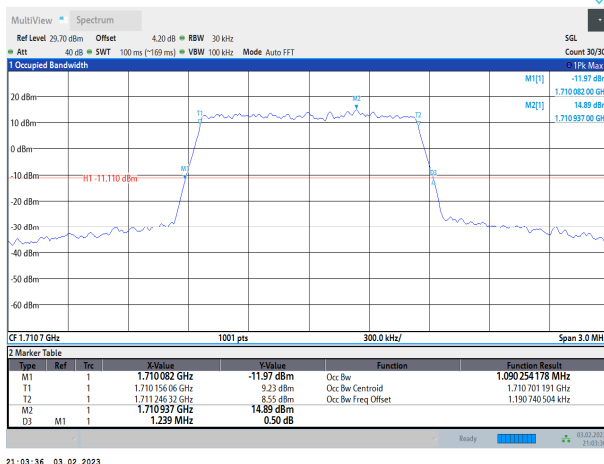
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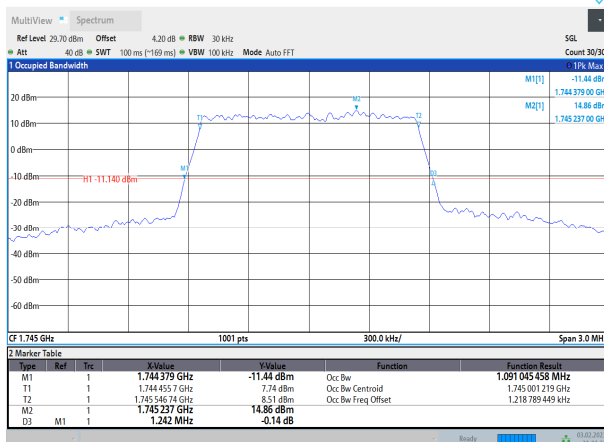
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21:09:36 03.02.2023

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



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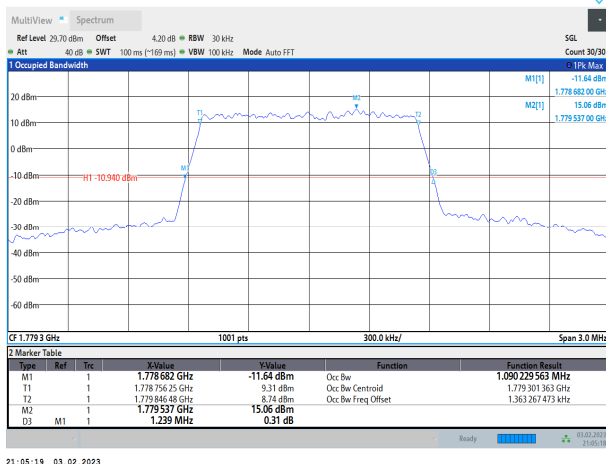
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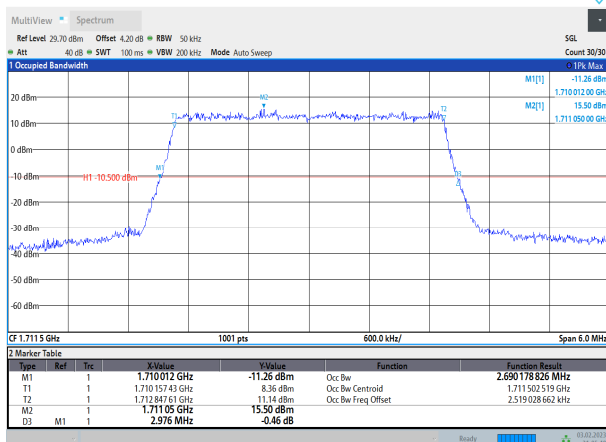
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21:05:19 03.02.2023

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



21:05:50 03.02.2023



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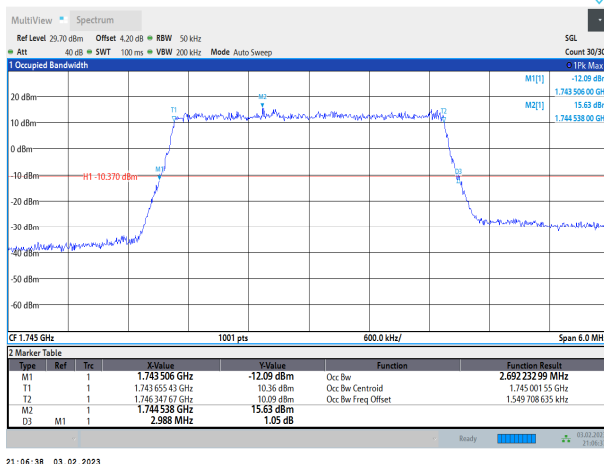
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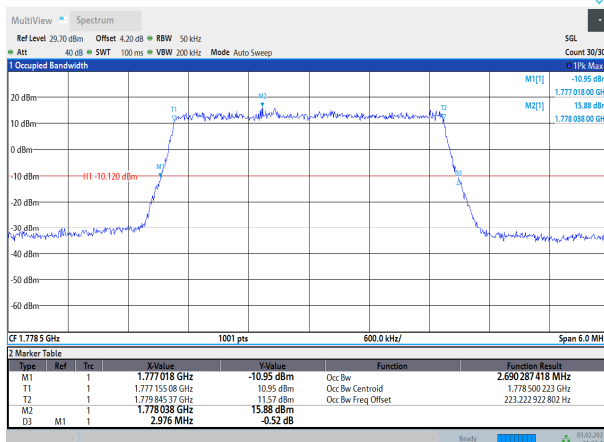
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Band66-3MHz-QPSK-132657-15RB#0



21:07:26 03.02.2023



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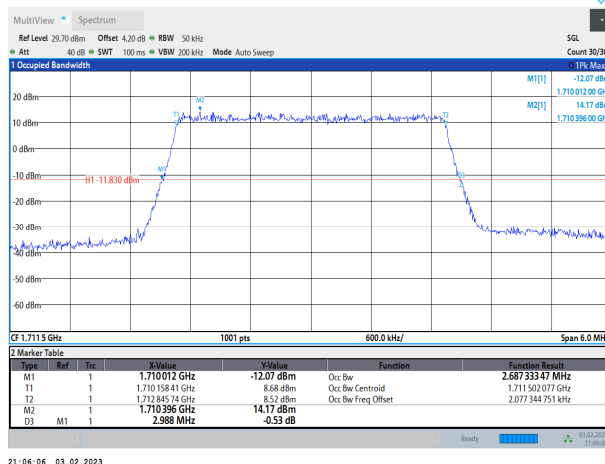
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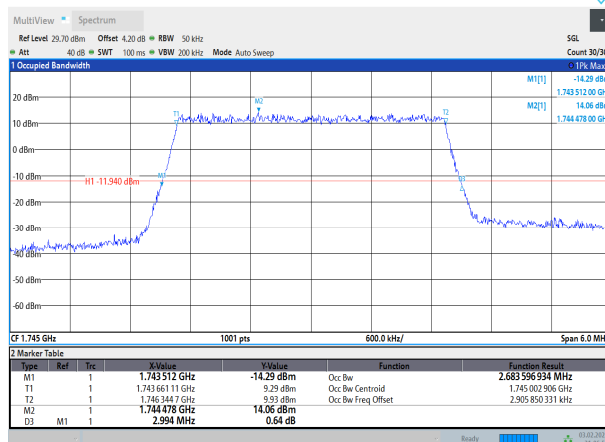
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Band66-3MHz-16QAM-131987-15RB#0



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



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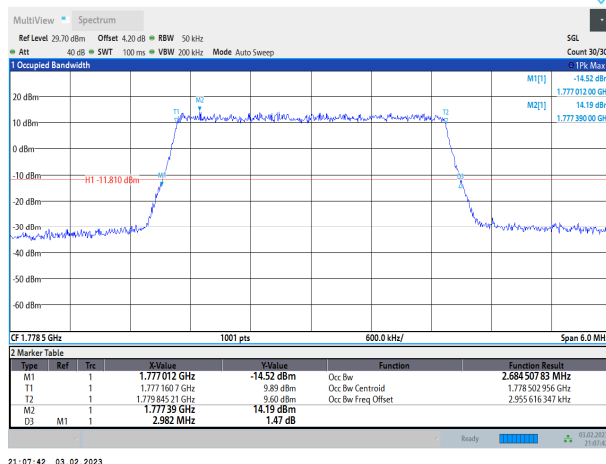
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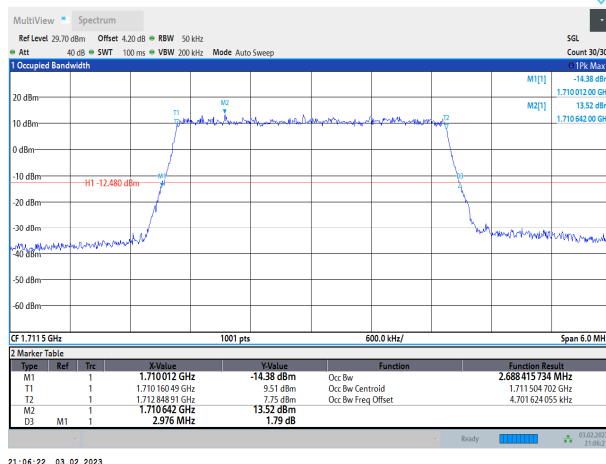
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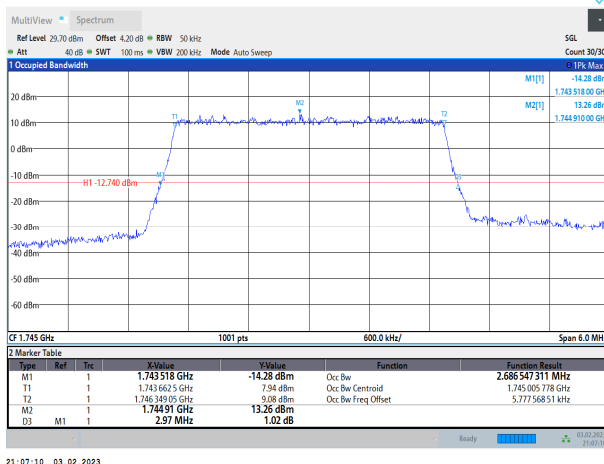


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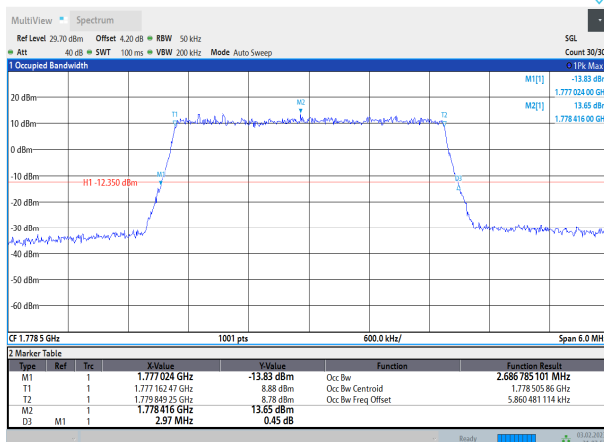
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Band66-3MHz-64QAM-132322-15RB#0



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



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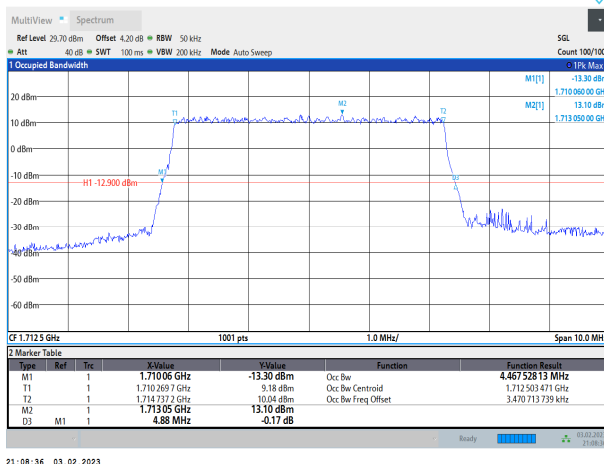
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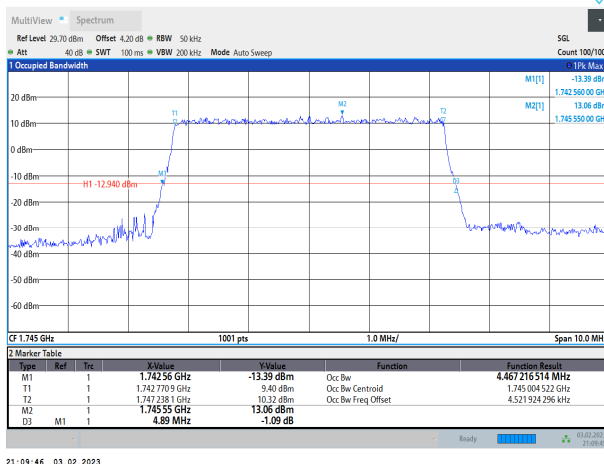
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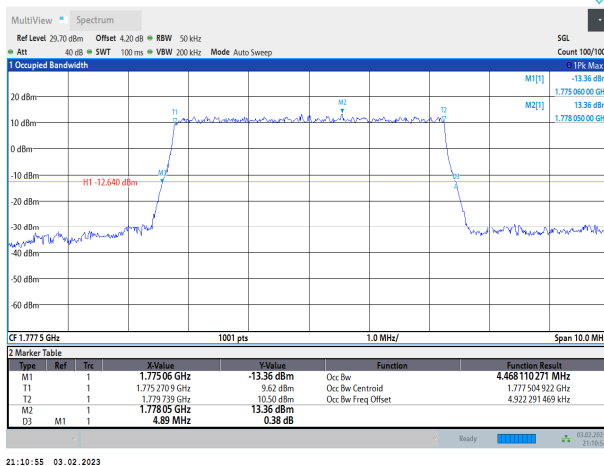
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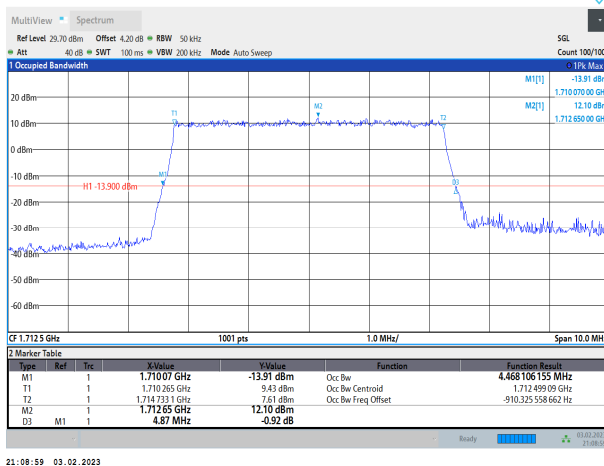
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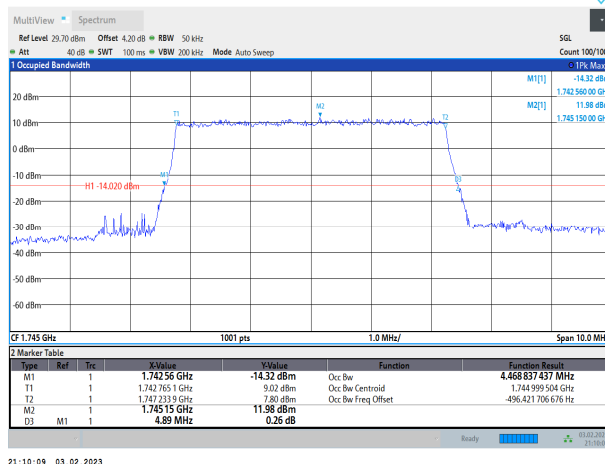
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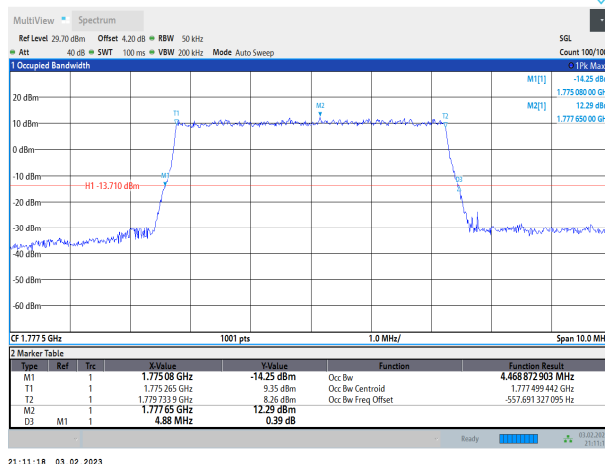
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Band66-5MHz-16QAM-132322-25RB#0



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

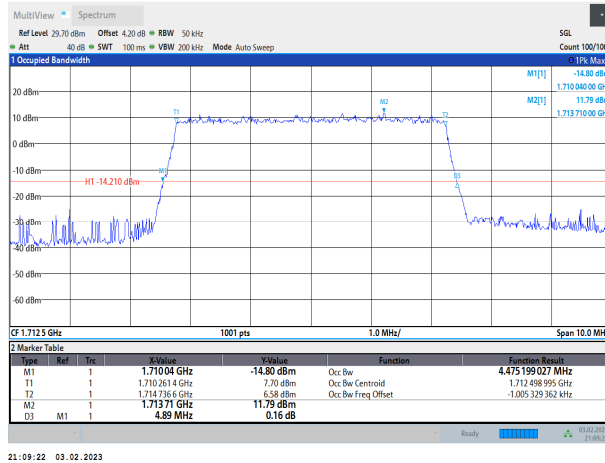


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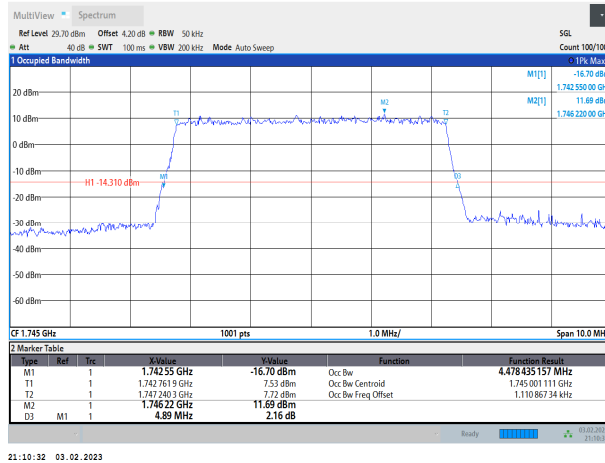
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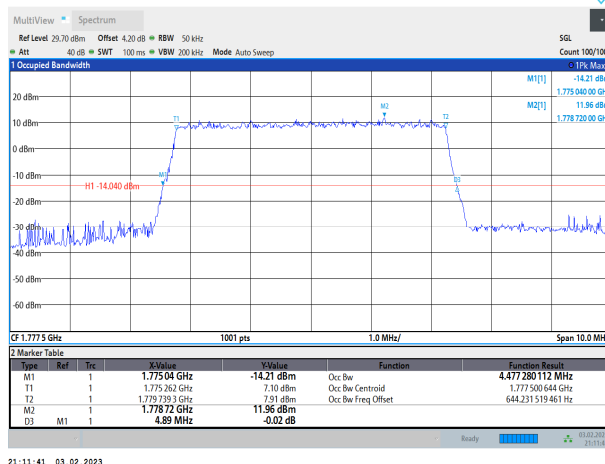


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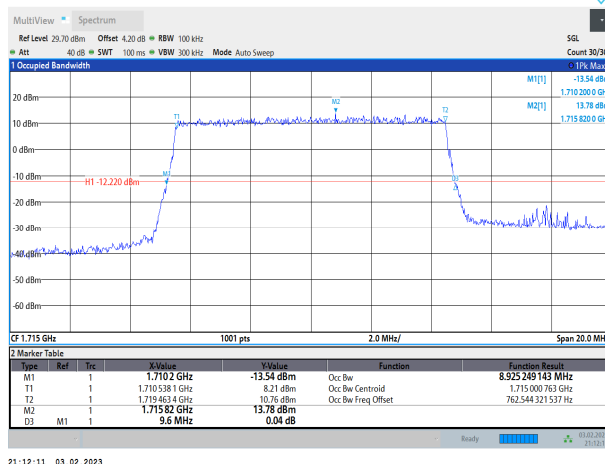
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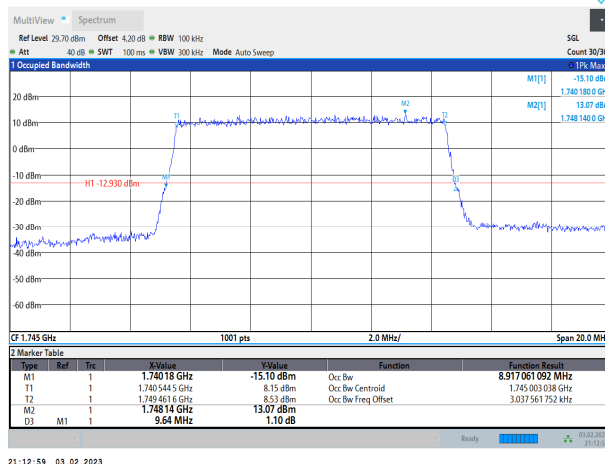


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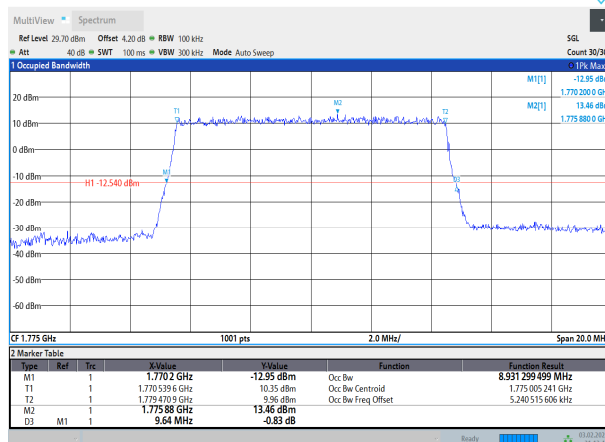
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Band66-10MHz-QPSK-132622-50RB#0



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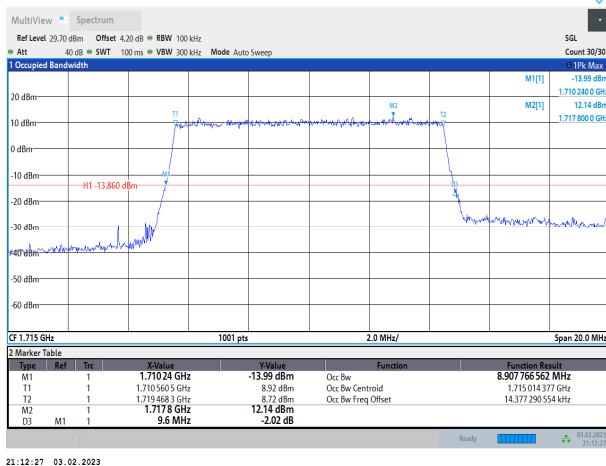
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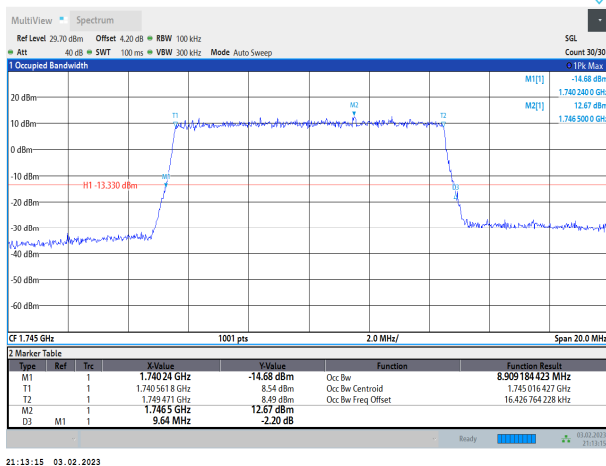
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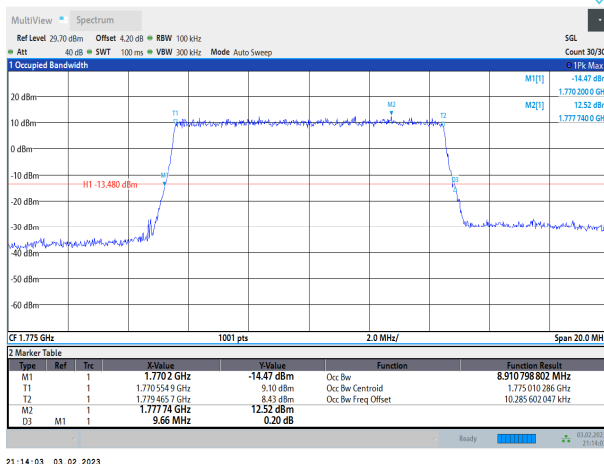
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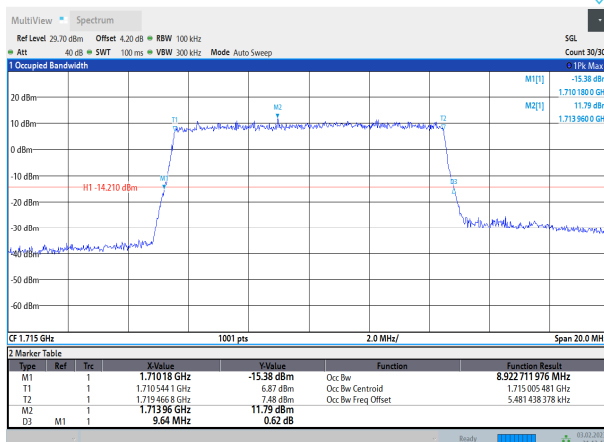
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Band66-10MHz-64QAM-132022-50RB#0



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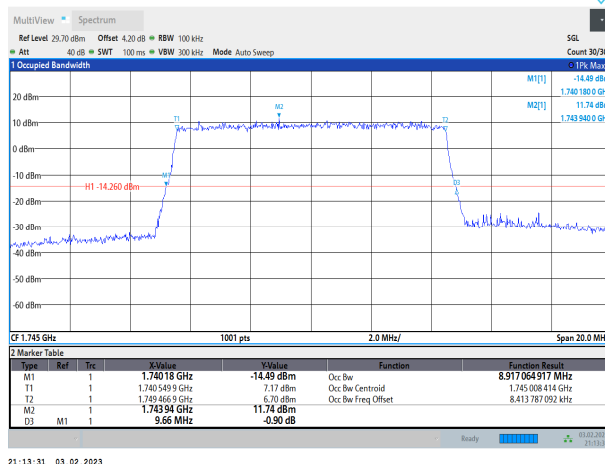
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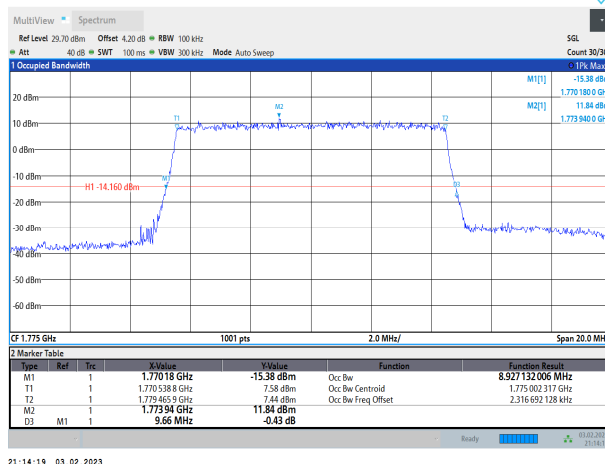
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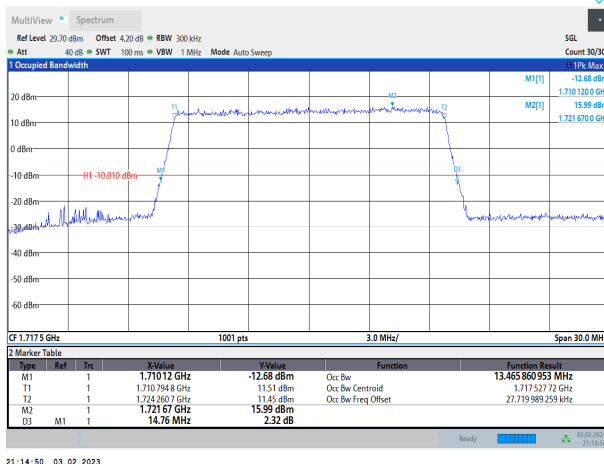
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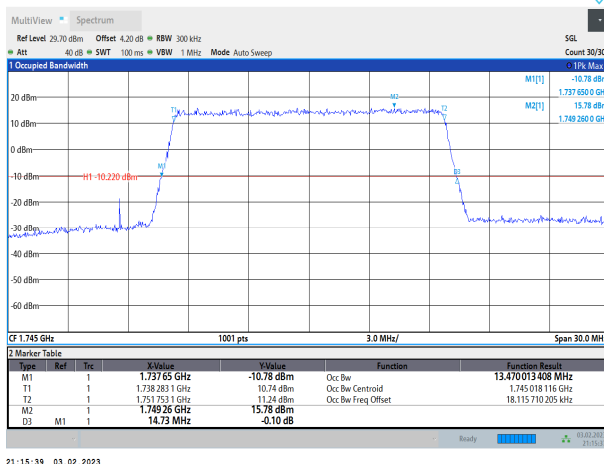
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Band66-15MHz-QPSK-132047-75RB#0



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

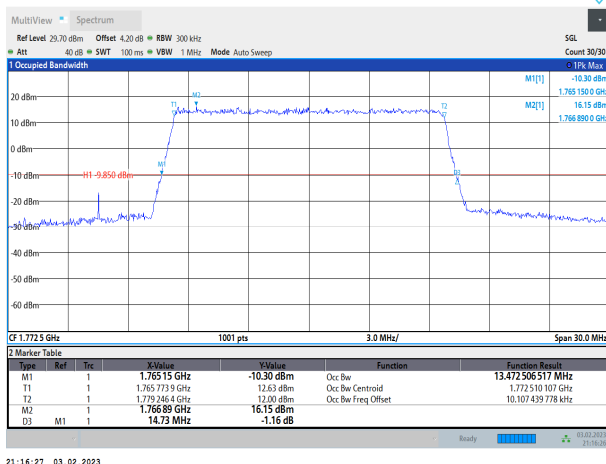


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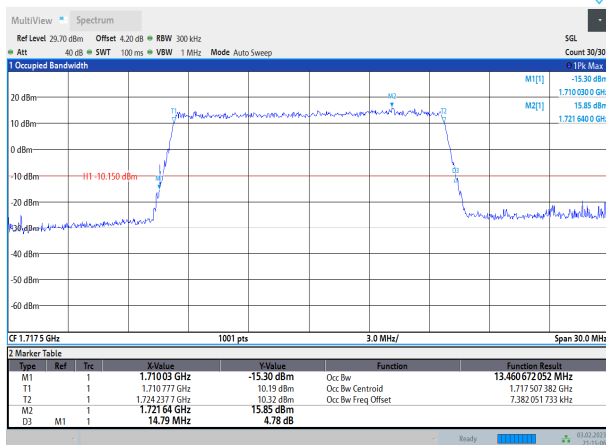
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Band66-15MHz-16QAM-132047-75RB#0



21:15:06 03.02.2023



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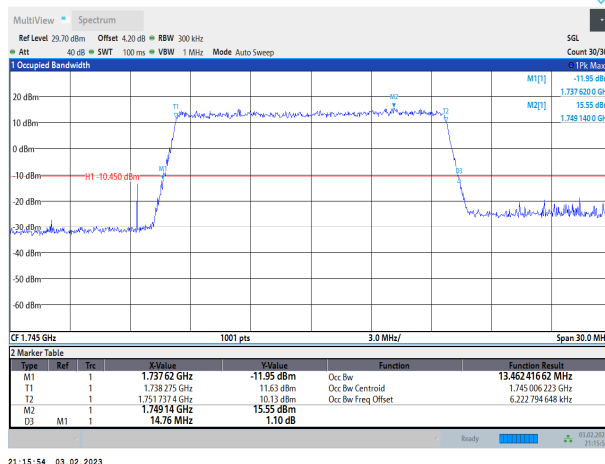
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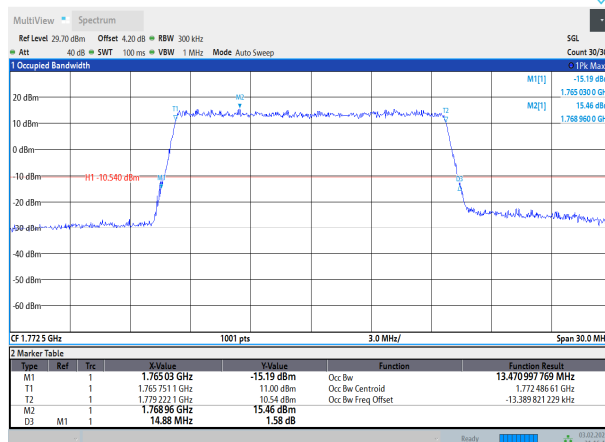
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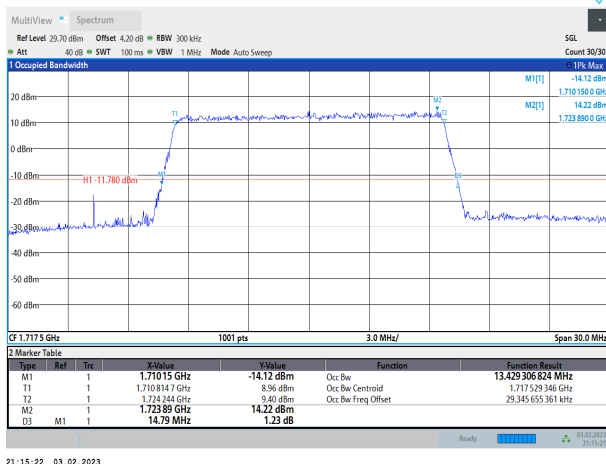
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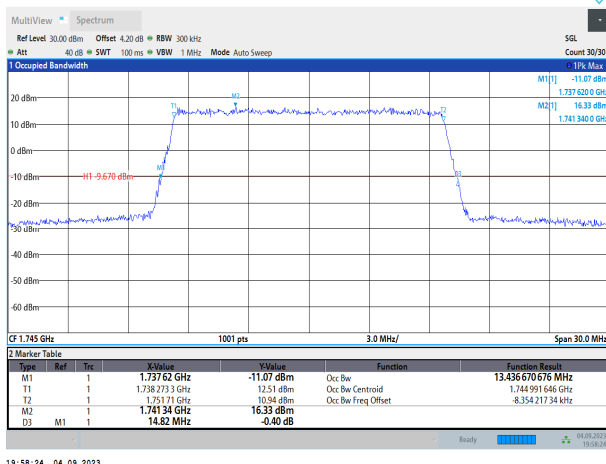
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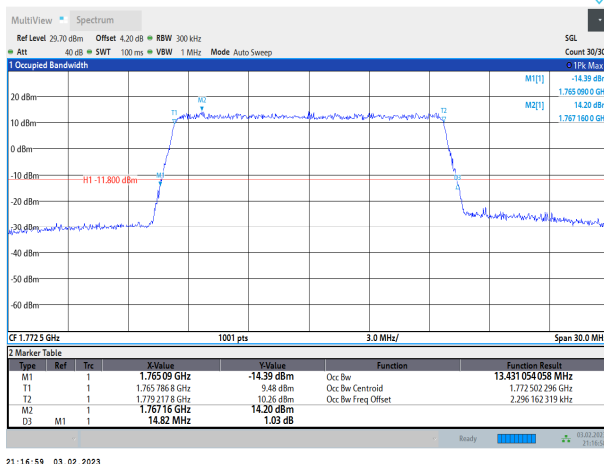
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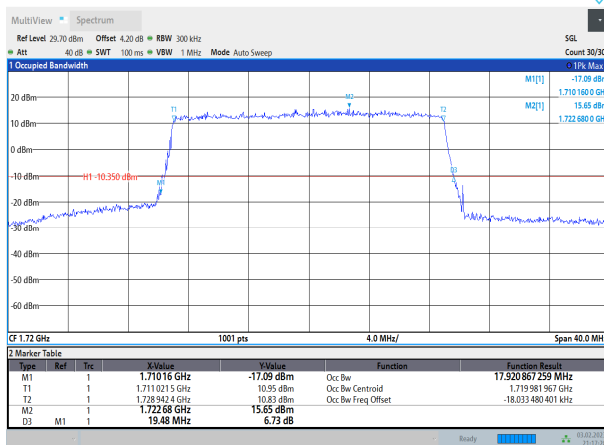
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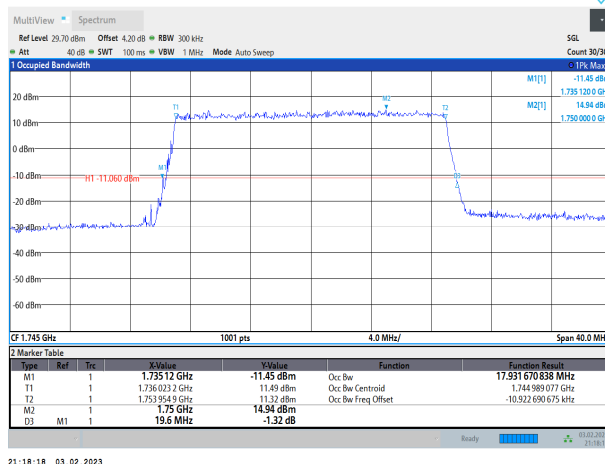
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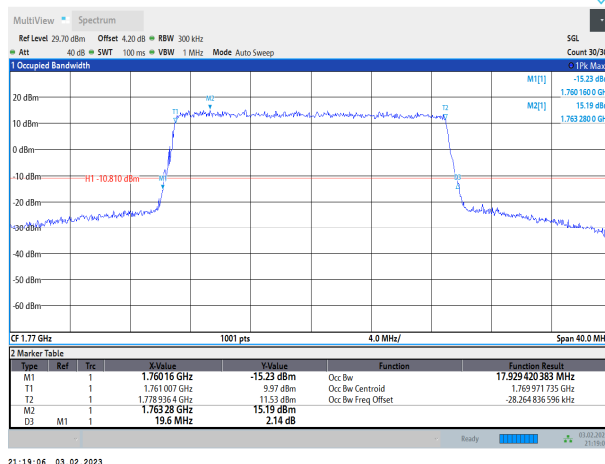
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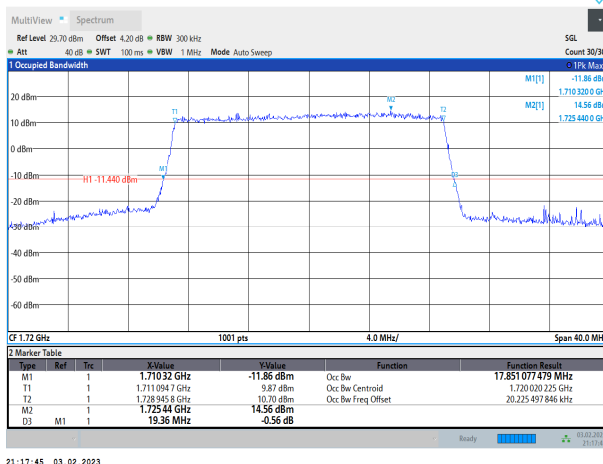


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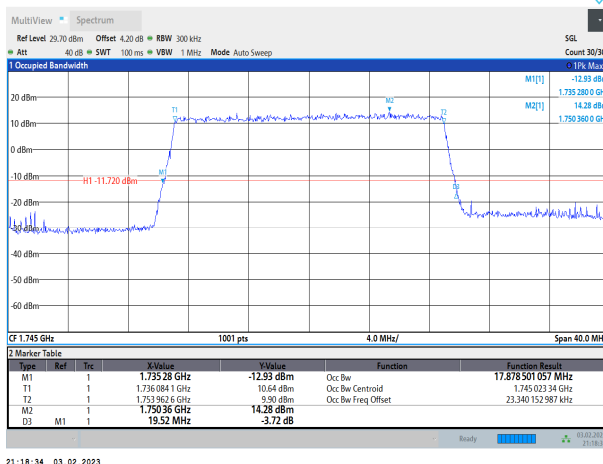
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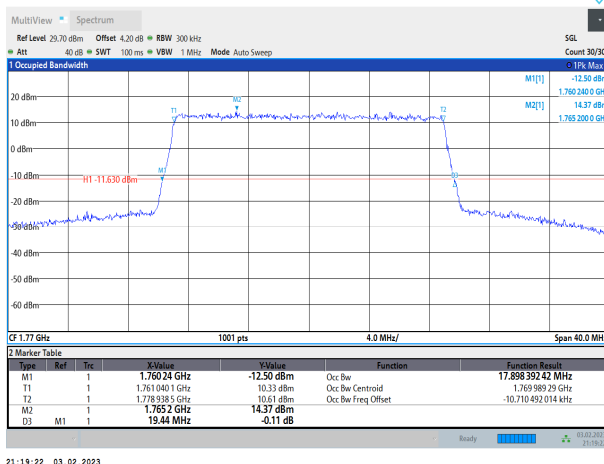


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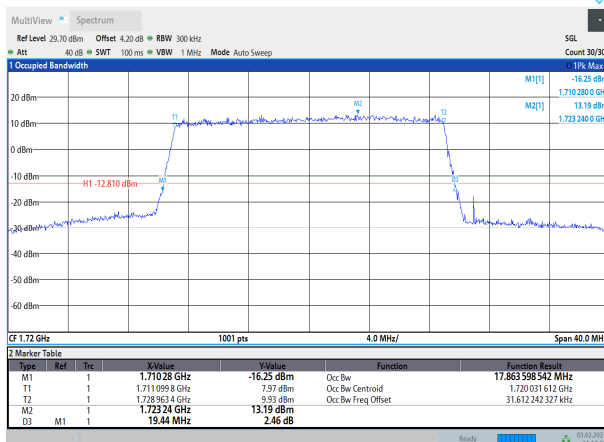
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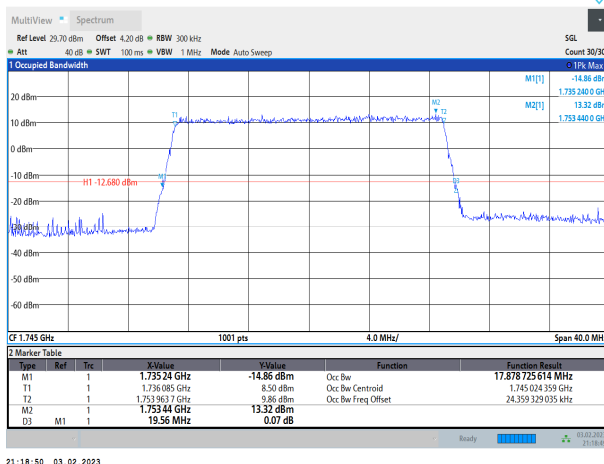
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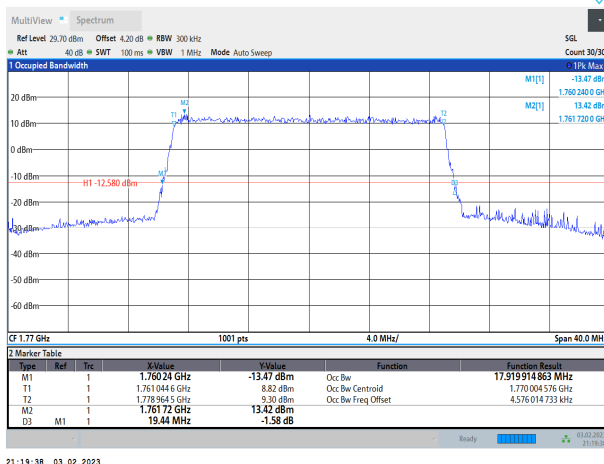
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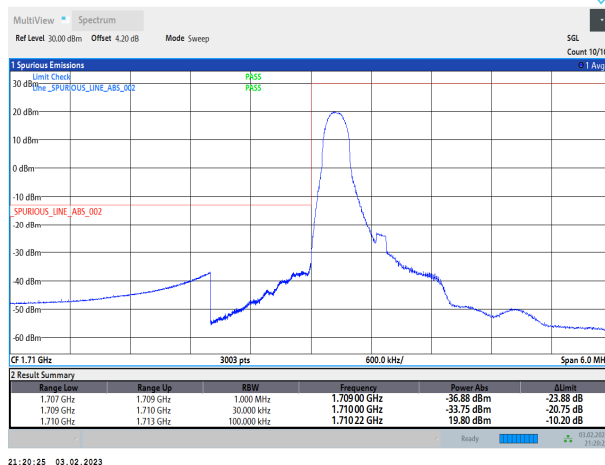
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Test Graphs

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



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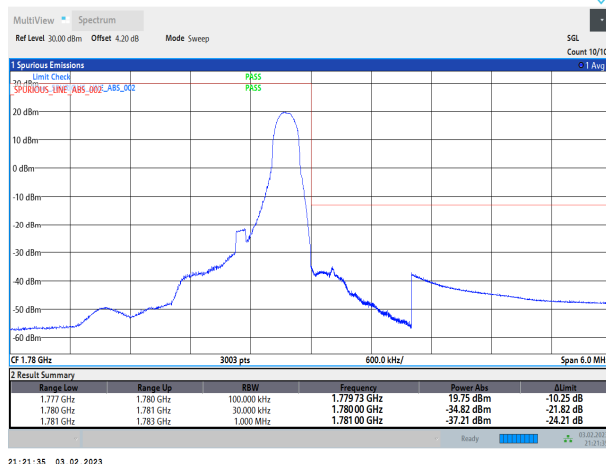
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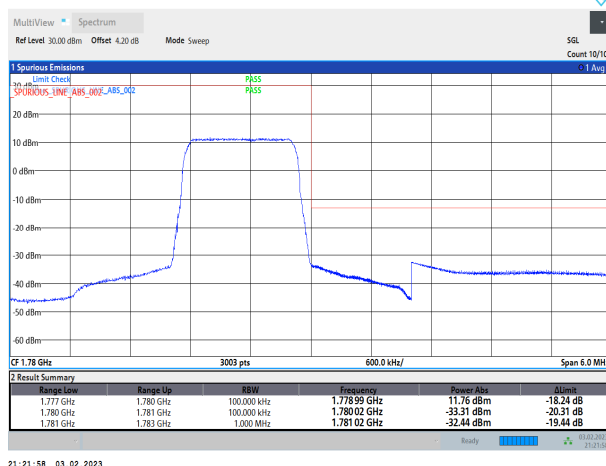
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Band66-1.4MHz-QPSK-132665-1RB#5



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



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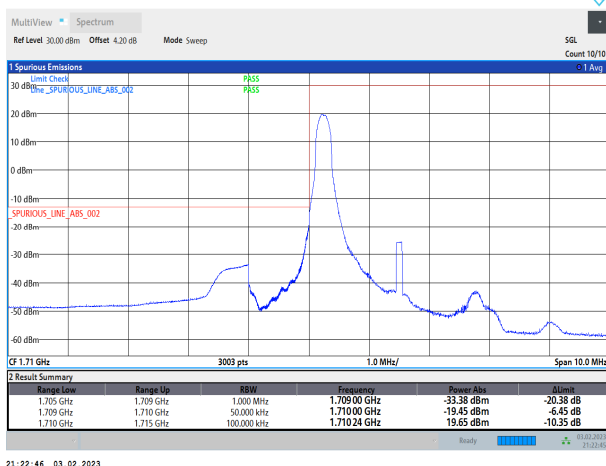
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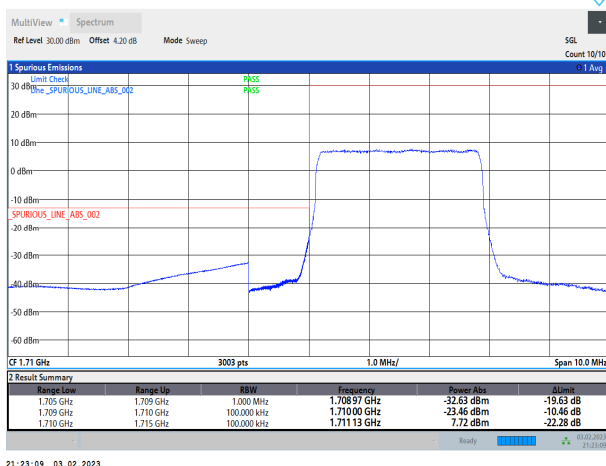
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Band66-3MHz-QPSK-131987-1RB#0



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



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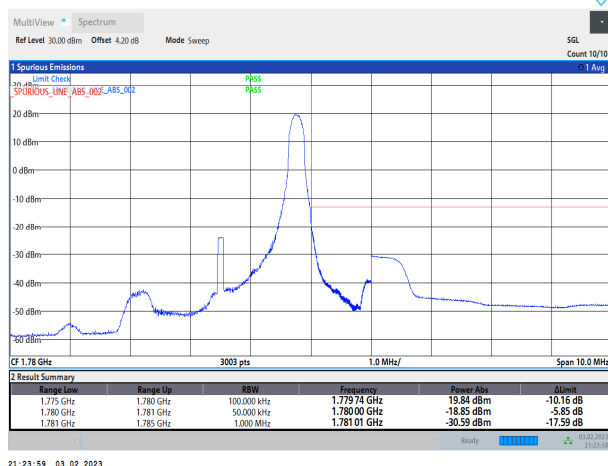
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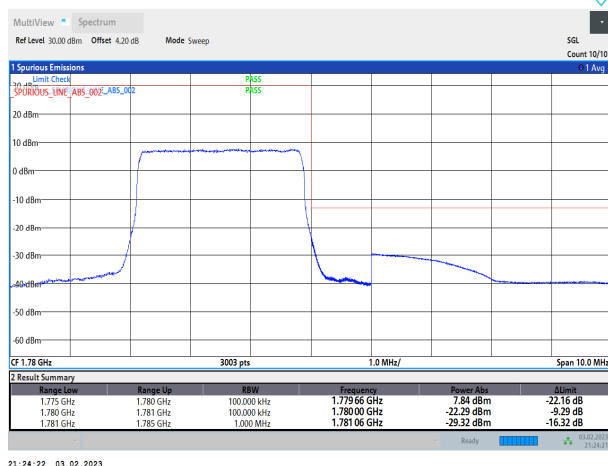
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Band66-3MHz-QPSK-132657-1RB#14



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



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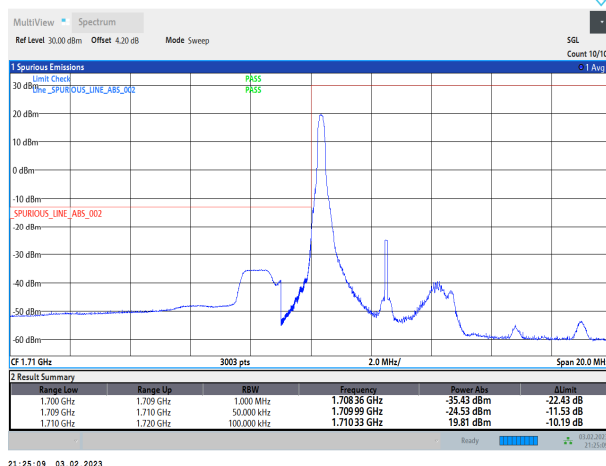
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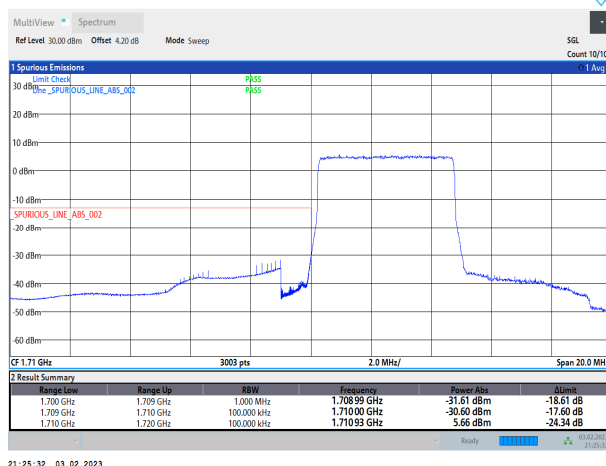
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Band66-5MHz-QPSK-131997-1RB#0



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



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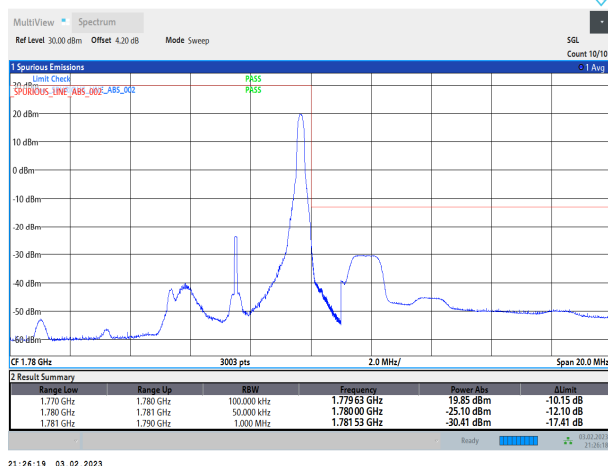
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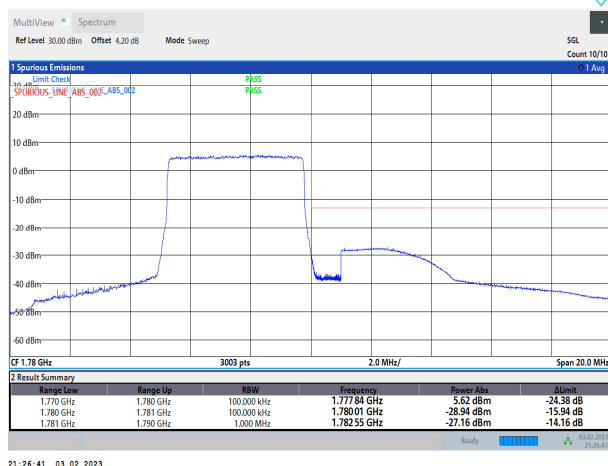
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Band66-5MHz-QPSK-132647-1RB#24



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



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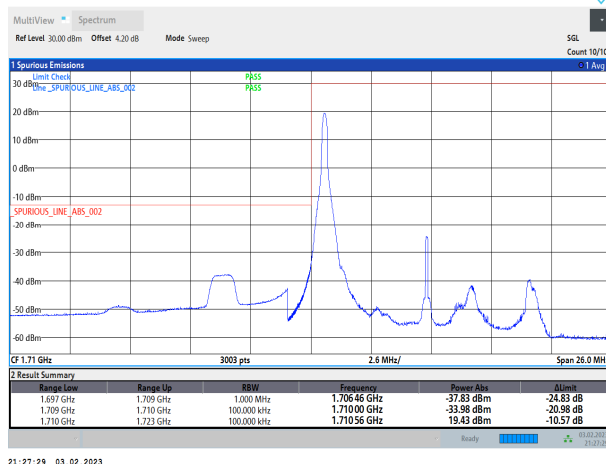
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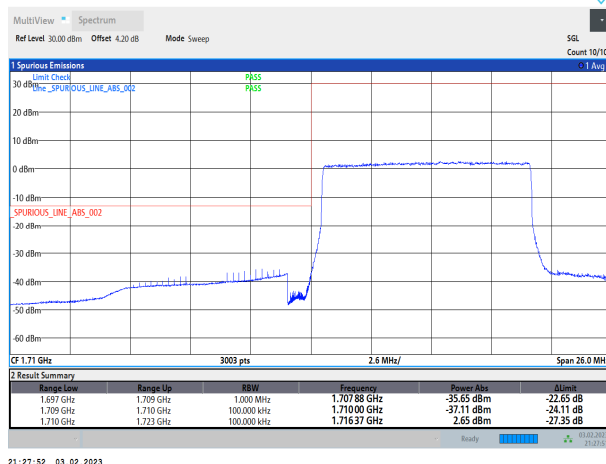
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Band66-10MHz-QPSK-132022-1RB#0



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



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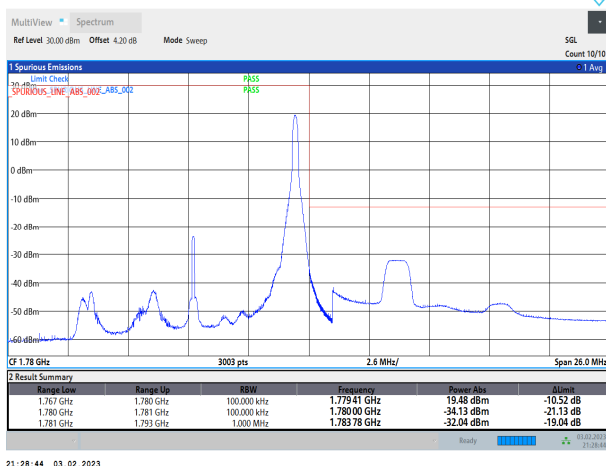
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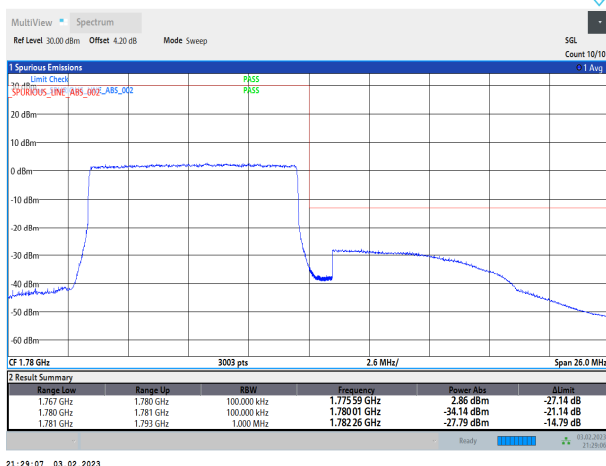
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Band66-10MHz-QPSK-132622-1RB#49



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



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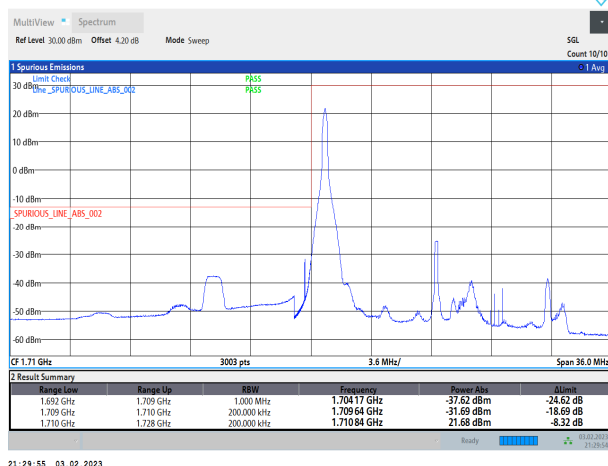
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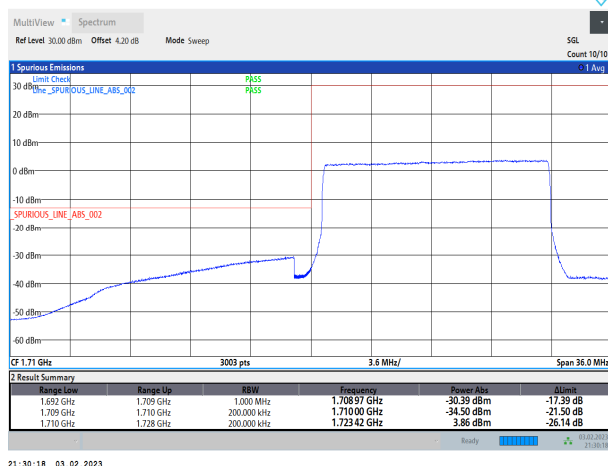
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Band66-15MHz-QPSK-132047-1RB#0



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



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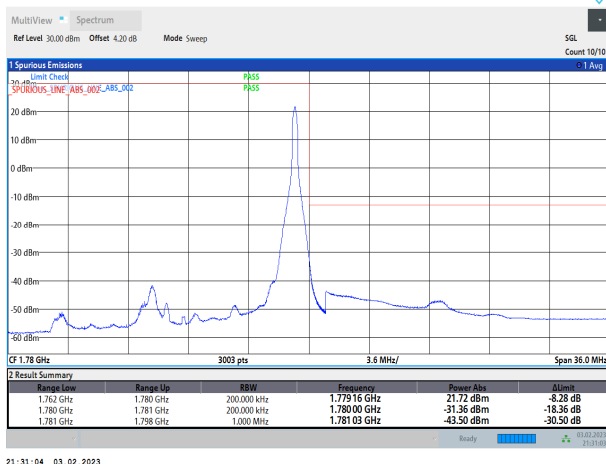
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Band66-15MHz-QPSK-132597-1RB#74



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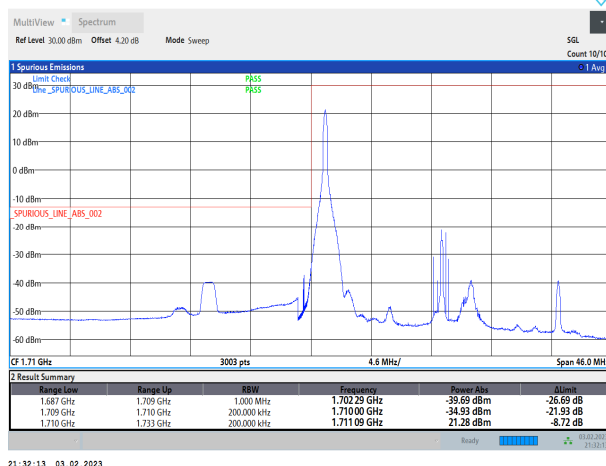
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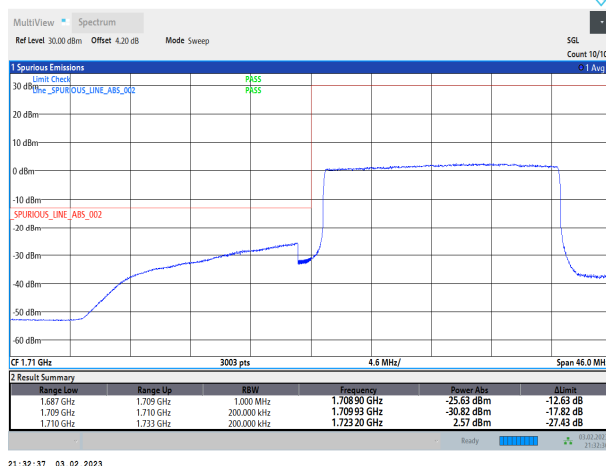
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Band66-20MHz-QPSK-132072-1RB#0



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



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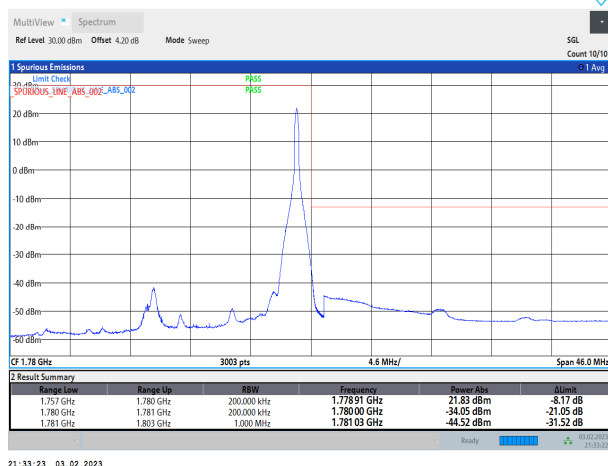
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Band66-20MHz-QPSK-132572-1RB#99



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



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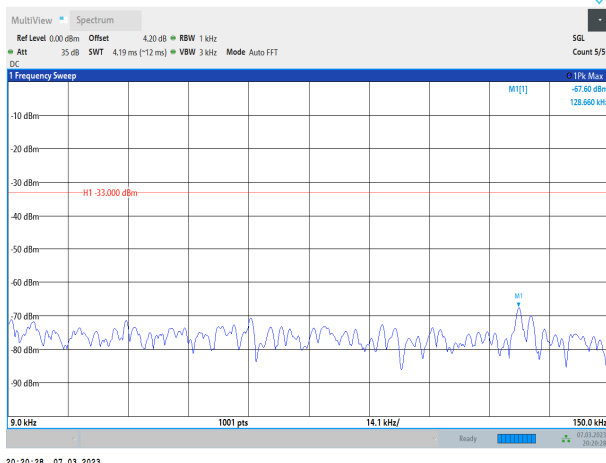
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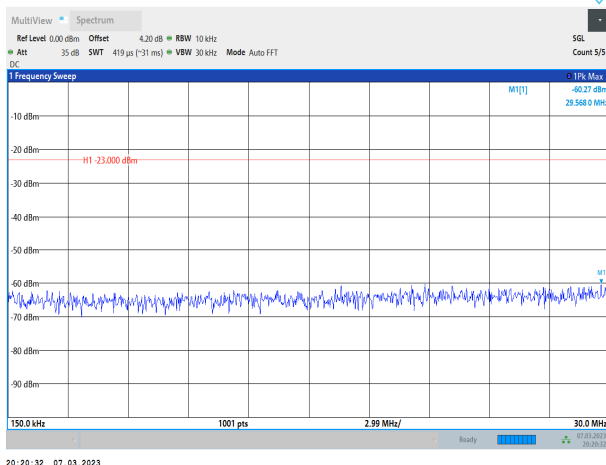
Conducted Spurious Emission

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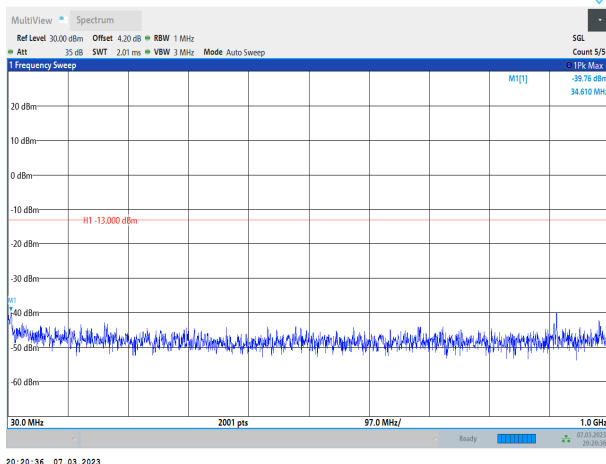
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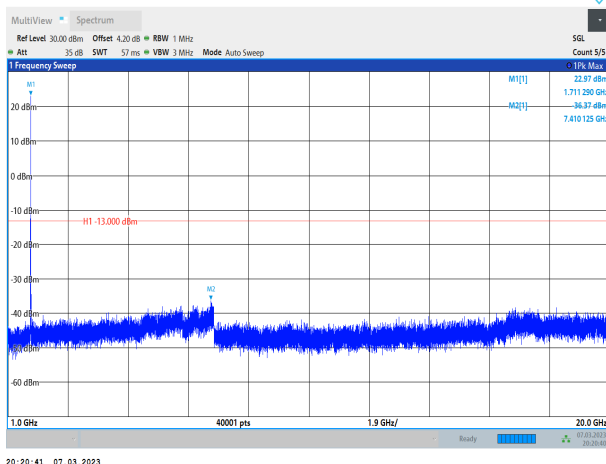
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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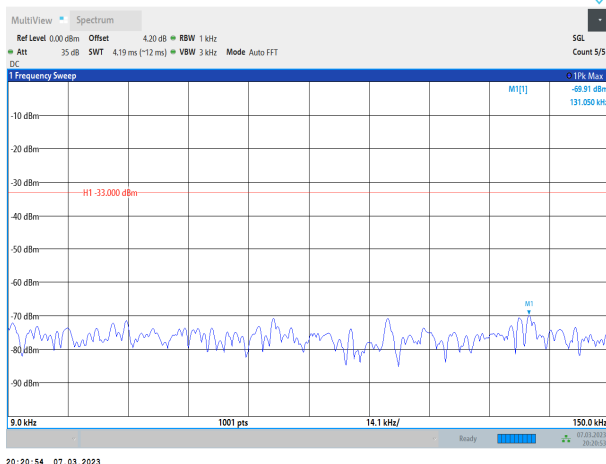
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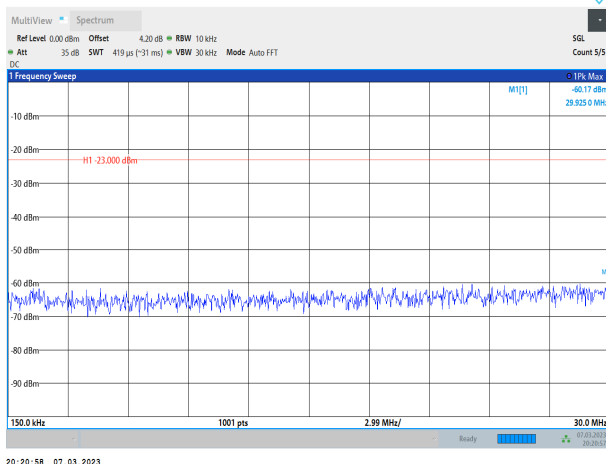
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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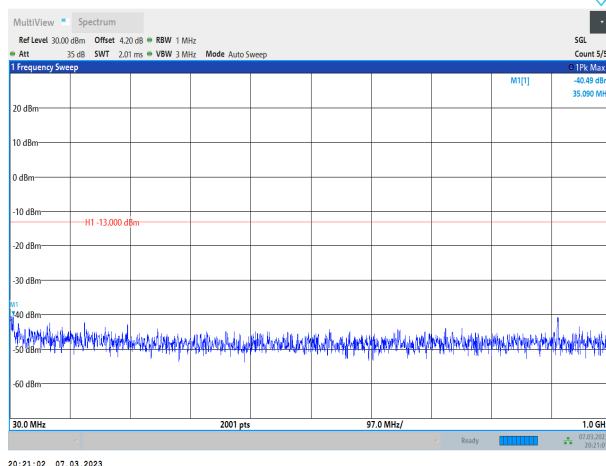
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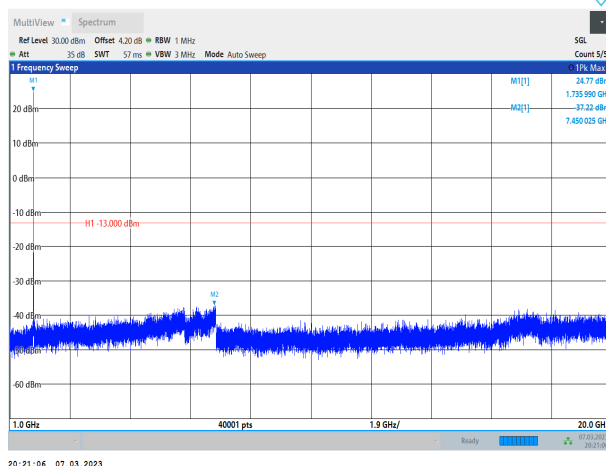
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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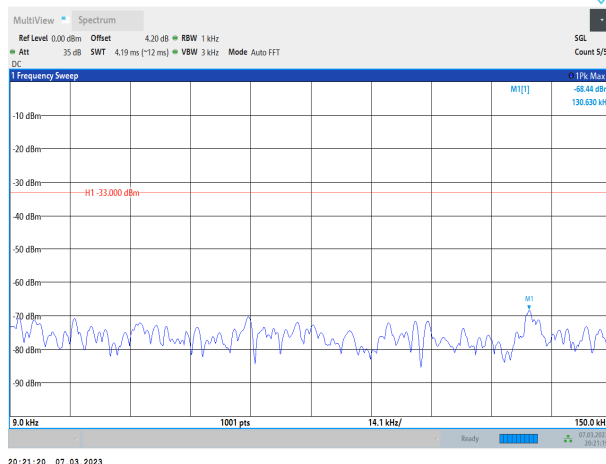
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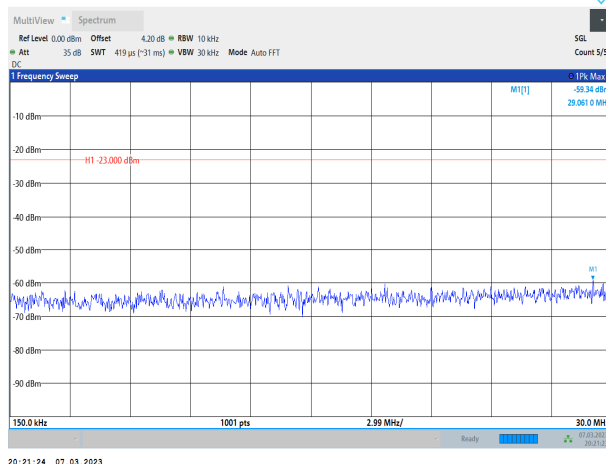
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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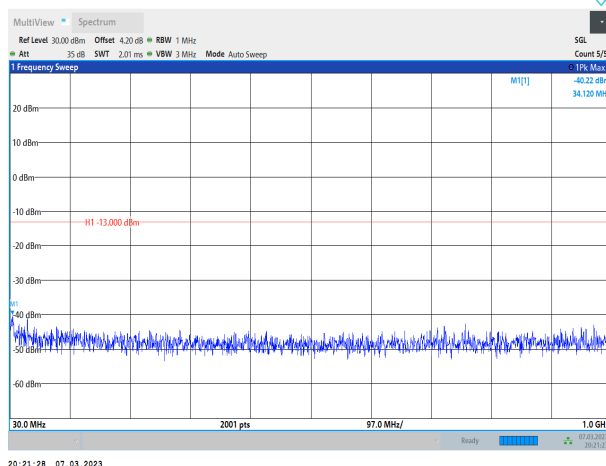
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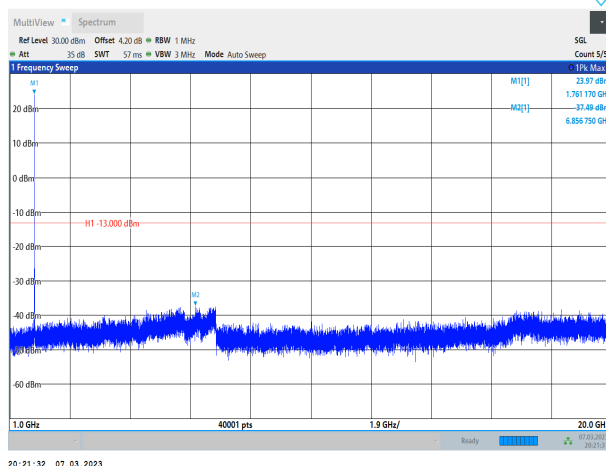
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE Band 66_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	42.57	-45.92	29.44	-69.17	-13.00	56.17	219	321	Horizontal
2	5106.27	39.84	-44.28	32.60	-67.10	-13.00	54.10	295	360	Horizontal
3	6808.36	38.73	-42.55	35.82	-63.26	-13.00	50.26	174	285	Horizontal
4	8510.45	35.53	-39.54	38.06	-61.21	-13.00	48.21	183	355	Horizontal
5	10212.54	35.61	-36.59	38.73	-57.50	-13.00	44.50	215	355	Horizontal
6	11914.63	29.24	-35.10	38.68	-62.44	-13.00	49.44	262	321	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	4977	48.18	-44.93	32.54	-59.46	-13.00	46.46	157	280	Vertical
2	3404.18	42.21	-45.92	29.44	-69.53	-13.00	56.53	226	264	Vertical
3	6808.36	38.84	-42.55	35.82	-63.15	-13.00	50.15	291	31	Vertical
4	8510.45	35.89	-39.54	38.06	-60.85	-13.00	47.85	268	199	Vertical
5	10212.54	34.48	-36.59	38.73	-58.63	-13.00	45.63	306	230	Vertical
6	11914.63	29.45	-35.10	38.68	-62.23	-13.00	49.23	185	360	Vertical



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Test Band = LTE Band 66_ TM1
Test Channel = Mid Channel
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	41.88	-45.80	29.42	-69.76	-13.00	56.76	274	49	Horizontal
2	5181.27	40.94	-44.18	32.60	-65.90	-13.00	52.90	215	49	Horizontal
3	6908.36	38.85	-42.44	36.02	-62.84	-13.00	49.84	167	327	Horizontal
4	8635.45	35.53	-39.66	38.20	-61.19	-13.00	48.19	285	82	Horizontal
5	10362.54	32.60	-36.60	38.90	-60.37	-13.00	47.37	226	262	Horizontal
6	12089.63	32.85	-35.20	38.69	-58.92	-13.00	45.92	153	212	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	3454.18	42.15	-45.80	29.42	-69.49	-13.00	56.49	235	166	Vertical
2	5181.27	40.90	-44.18	32.60	-65.94	-13.00	52.94	196	99	Vertical
3	6908.36	39.16	-42.44	36.02	-62.53	-13.00	49.53	284	132	Vertical
4	8635.45	34.99	-39.66	38.20	-61.73	-13.00	48.73	263	231	Vertical
5	10362.54	32.84	-36.60	38.90	-60.13	-13.00	47.13	214	360	Vertical
6	12089.63	32.88	-35.20	38.69	-58.89	-13.00	45.89	305	4	Vertical



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Test Band = LTE Band 66_ TM1**Test Channel = High Channel****Final Data List**

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	41.39	-45.67	29.41	-70.13	-13.00	57.13	296	32	Horizontal
2	5256.27	40.37	-44.07	32.60	-66.36	-13.00	53.36	265	231	Horizontal
3	7008.36	39.48	-42.58	36.21	-62.15	-13.00	49.15	241	32	Horizontal
4	8760.45	34.15	-39.21	38.34	-61.99	-13.00	48.99	142	99	Horizontal
5	10512.54	31.86	-36.36	39.06	-60.70	-13.00	47.70	255	181	Horizontal
6	12262.63	31.29	-35.13	38.86	-60.24	-13.00	47.24	286	353	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	3504.18	41.69	-45.67	29.41	-69.83	-13.00	56.83	196	149	Vertical
2	5256.27	39.68	-44.07	32.60	-67.05	-13.00	54.05	265	355	Vertical
3	7008.36	39.54	-42.58	36.21	-62.09	-13.00	49.09	284	265	Vertical
4	8760.45	34.78	-39.21	38.34	-61.36	-13.00	48.36	142	3	Vertical
5	10512.54	31.57	-36.36	39.06	-60.99	-13.00	47.99	252	348	Vertical
6	12262.63	31.13	-35.13	38.86	-60.40	-13.00	47.40	263	32	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) - Preamp (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	1.10	0.000630	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.30	-0.000172	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	-6.30	-0.003610	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-7.90	-0.004527	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-3.60	-0.002063	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-3.80	-0.002178	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	4.60	0.002636	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-0.30	-0.000172	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-6.50	-0.003725	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-9.90	-0.005673	PASS

---End of Attachment---



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