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Appendix B.11

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	23.27	23.87	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.39	23.99	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.27	23.87	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.37	22.97	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.43	24.03	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.55	24.15	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.41	24.01	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.52	23.12	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.09	23.69	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.22	23.82	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.1	23.7	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.19	22.79	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.48	23.08	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.69	23.29	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.48	23.08	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.43	22.03	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.57	23.17	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.83	23.43	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.64	23.24	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.56	22.16	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.32	22.92	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.45	23.05	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.34	22.94	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.27	21.87	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.4	22	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.56	22.16	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.36	21.96	30	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	20.37	20.97	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.53	22.13	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.65	22.25	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.54	22.14	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.51	21.11	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.28	21.88	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.42	22.02	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.25	21.85	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.2	20.8	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.29	23.89	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.3	23.9	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.3	23.9	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.35	22.95	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.45	24.05	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.47	24.07	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.43	24.03	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.5	23.1	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.17	23.77	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.16	23.76	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.12	23.72	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.19	22.79	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.48	23.08	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.45	23.05	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.56	23.16	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.33	21.93	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.64	23.24	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.67	23.27	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.6	23.2	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.48	22.08	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.4	23	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.33	22.93	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.32	22.92	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.17	21.77	30	PASS



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Band66	3MHz	64QAM	131987	1RB#0	21.4	22	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.45	22.05	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.42	22.02	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.34	20.94	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.57	22.17	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.68	22.28	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.55	22.15	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.5	21.1	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.28	21.88	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.32	21.92	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.29	21.89	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.17	20.77	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.18	23.78	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.47	24.07	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.21	23.81	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.35	22.95	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.37	23.97	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.6	24.2	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.35	23.95	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.5	23.1	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.05	23.65	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.26	23.86	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.01	23.61	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.19	22.79	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.36	22.96	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.69	23.29	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.36	22.96	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.35	21.95	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.59	23.19	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.79	23.39	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.6	23.2	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.48	22.08	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.33	22.93	30	PASS



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Band66	5MHz	16QAM	132647	1RB#12	22.54	23.14	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.18	22.78	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.15	21.75	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.39	21.99	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.62	22.22	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.39	21.99	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.36	20.96	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.5	22.1	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.74	22.34	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.5	22.1	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.52	21.12	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.22	21.82	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.5	22.1	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.21	21.81	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.21	20.81	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.24	23.84	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.45	24.05	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.37	23.97	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.4	23	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.42	24.02	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.55	24.15	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.45	24.05	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.6	23.2	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.19	23.79	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.28	23.88	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.1	23.7	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.29	22.89	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.4	23	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.68	23.28	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.63	23.23	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.37	21.97	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.62	23.22	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.72	23.32	30	PASS



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Band66	10MHz	16QAM	132322	50RB#0	21.58	22.18	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.47	23.07	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.54	23.14	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.36	22.96	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.27	21.87	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.35	21.95	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.51	22.11	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.54	22.14	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.42	21.02	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.61	22.21	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.76	22.36	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.58	22.18	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.61	21.21	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.37	21.97	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.4	22	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.29	21.89	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.33	20.93	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.14	23.74	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.37	23.97	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.36	23.96	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.4	23	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.33	23.93	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.44	24.04	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.35	23.95	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.55	23.15	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.08	23.68	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.21	23.81	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.04	23.64	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.27	22.87	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.42	23.02	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.54	23.14	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.6	23.2	30	PASS



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Band66	15MHz	16QAM	132047	75RB#0	21.38	21.98	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.62	23.22	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.73	23.33	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.62	23.22	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.52	22.12	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.25	22.85	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.37	22.97	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.2	22.8	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.24	21.84	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.3	21.9	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.49	22.09	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.5	22.1	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.42	21.02	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.45	22.05	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.61	22.21	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.5	22.1	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.56	21.16	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.2	21.8	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.34	21.94	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.13	21.73	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.24	20.84	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.94	23.54	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.44	24.04	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.23	23.83	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.36	22.96	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.16	23.76	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.51	24.11	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.12	23.72	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.5	23.1	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.98	23.58	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.25	23.85	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.86	23.46	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.24	22.84	30	PASS



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Band66	20MHz	16QAM	132072	1RB#0	22.15	22.75	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.65	23.25	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.52	23.12	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.33	21.93	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.43	23.03	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.68	23.28	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.4	23	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.46	22.06	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.18	22.78	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.43	23.03	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.99	22.59	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.22	21.82	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.07	21.67	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.61	22.21	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.34	21.94	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.42	21.02	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.31	21.91	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.6	22.2	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.28	21.88	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.5	21.1	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.11	21.71	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.45	22.05	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.96	21.56	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.24	20.84	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	5.28	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.90	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.18	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.06	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.70	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.86	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.36	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.10	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.32	13	PASS



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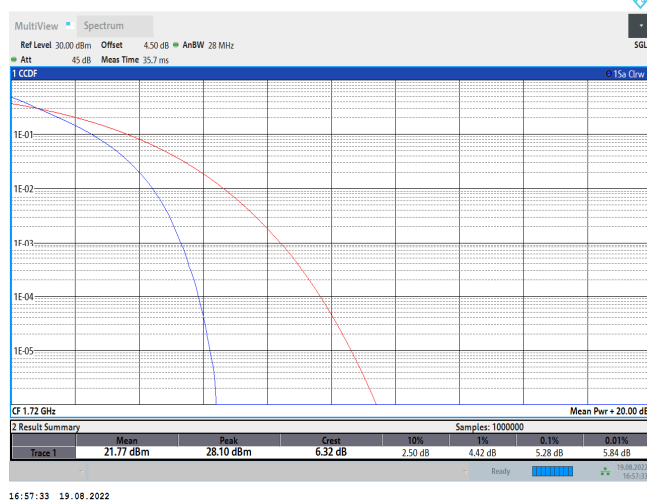
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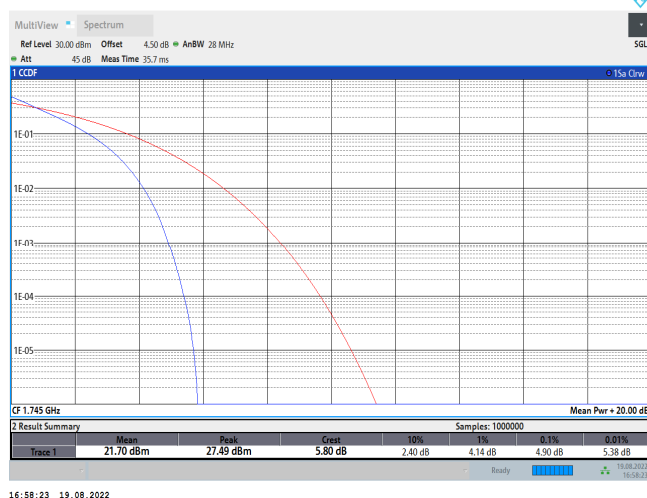
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Test Graphs

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



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



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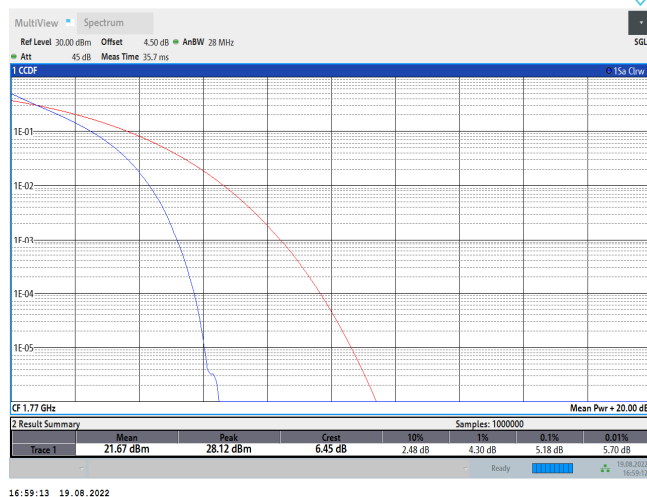
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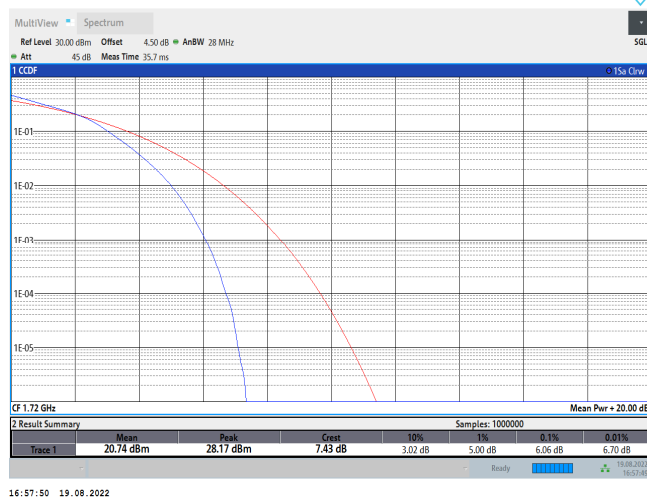
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Band66-20MHz-QPSK-132572-100RB#0



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



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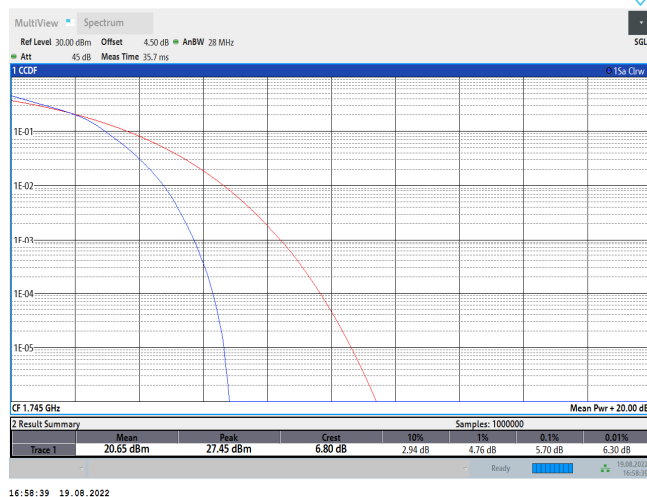
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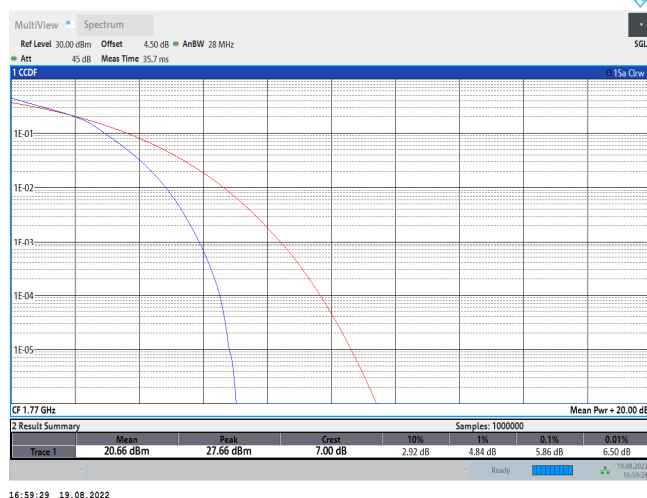
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Band66-20MHz-16QAM-132322-100RB#0



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



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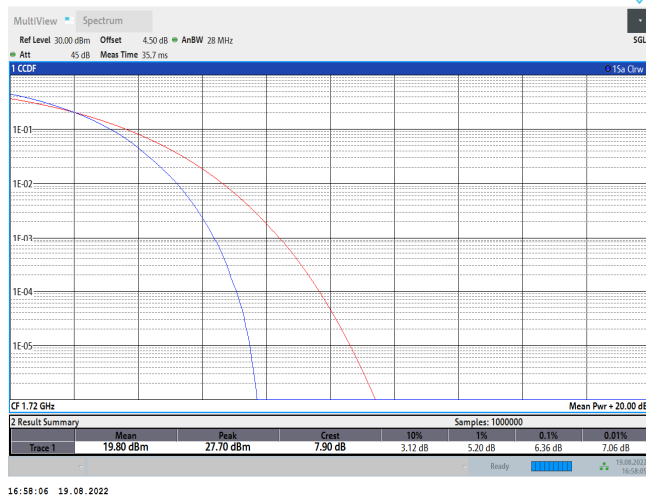
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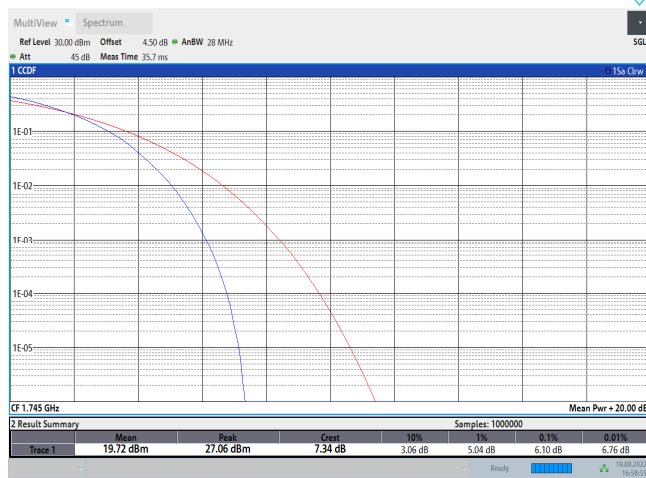
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Band66-20MHz-64QAM-132072-100RB#0



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



16:58:56 19.08.2022



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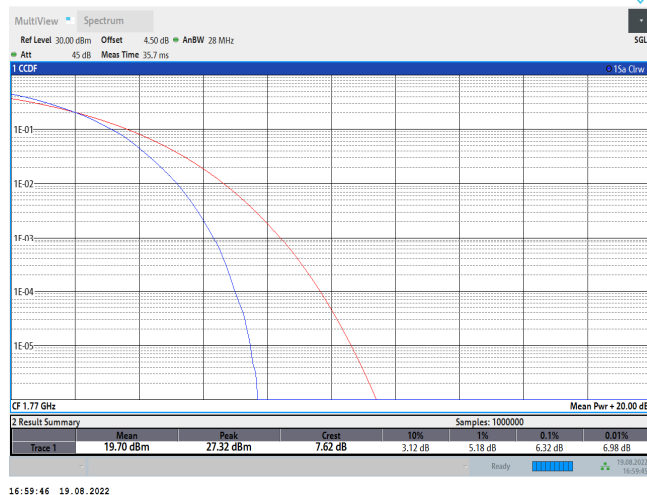
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Band66-20MHz-64QAM-132572-100RB#0



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Modulation Characteristics

Test Result

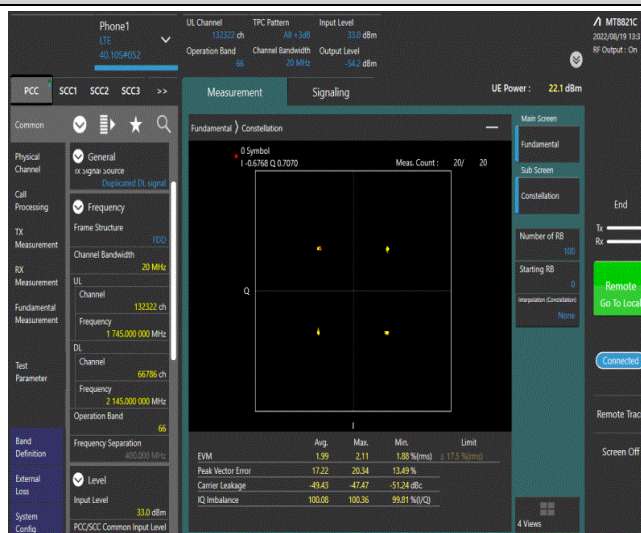
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band66	20MHz	QPSK	132322	100RB#0	PASS	PASS
Band66	20MHz	16QAM	132322	100RB#0	PASS	PASS
Band66	20MHz	64QAM	132322	100RB#0	PASS	PASS



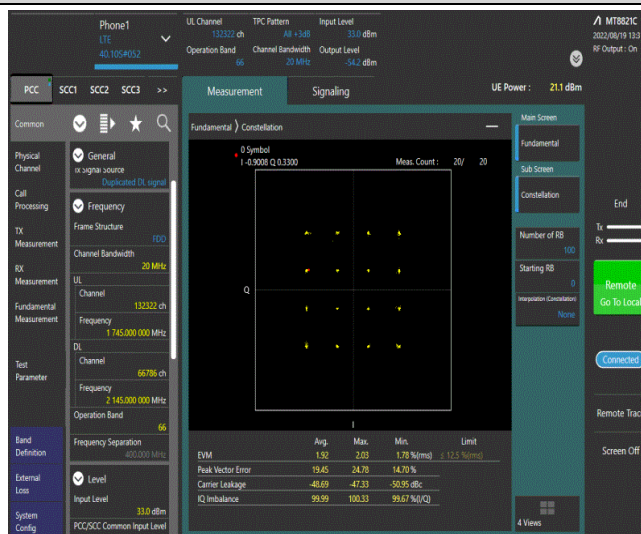
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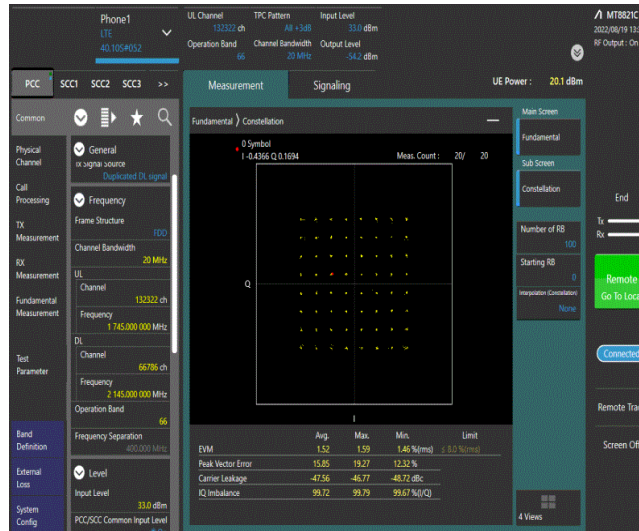
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Band66-20MHz-64QAM-132322-100RB#0



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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	1.085	1.28	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.29	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.085	1.29	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.097	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.098	1.31	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.098	1.31	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.098	1.32	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.096	1.31	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.684	2.90	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.682	2.89	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.686	2.90	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.678	2.92	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.677	2.91	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.677	2.92	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.685	2.90	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.681	2.89	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.681	2.89	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.477	5.24	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.477	5.04	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.481	5.45	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.475	5.23	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.474	5.03	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.477	5.03	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.489	5.03	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.485	5.02	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.482	5.04	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.84	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.938	9.90	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.945	9.88	PASS



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Band66	10MHz	16QAM	132022	50RB#0	8.914	9.76	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.927	9.84	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.938	10.10	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.941	9.92	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.941	9.84	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.951	9.88	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.497	15.06	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.516	15.15	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.518	15.12	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.492	15.21	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.487	15.24	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.506	15.18	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.484	15.18	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.476	15.27	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.488	15.18	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.931	19.60	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.95	19.72	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.95	20.88	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.911	19.72	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.913	19.64	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.941	19.72	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.949	20.24	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.9	19.68	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.934	19.64	PASS



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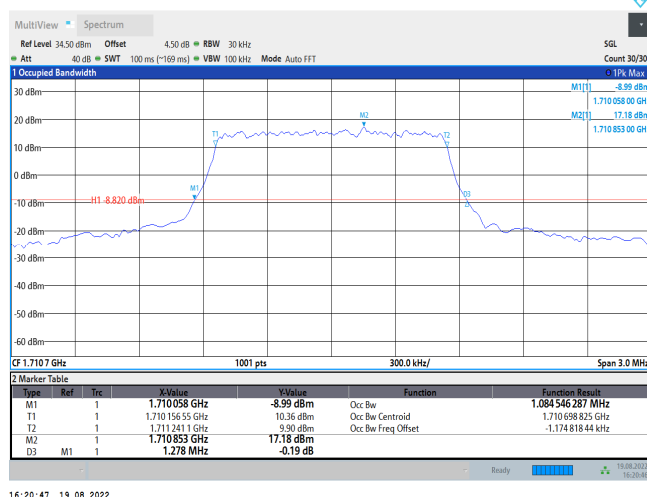
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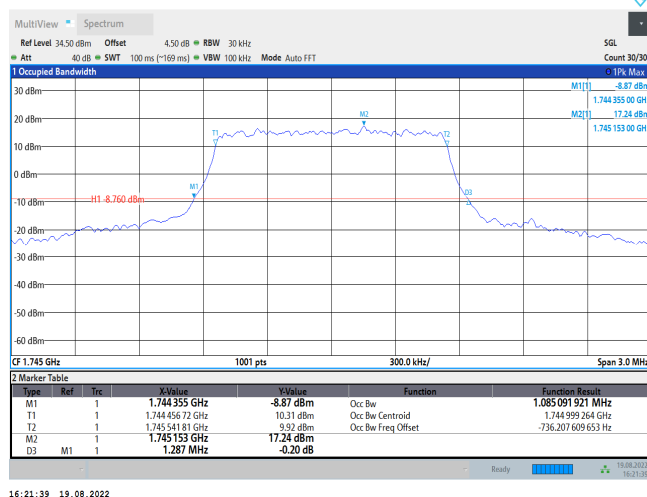
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Test Graphs

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



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



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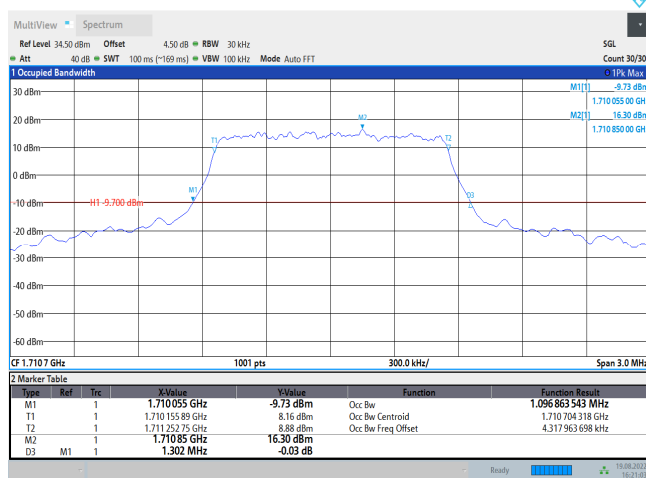
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Band66-1.4MHz-QPSK-132665-6RB#0



16:22:31 19.08.2022

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



16:21:04 19.08.2022

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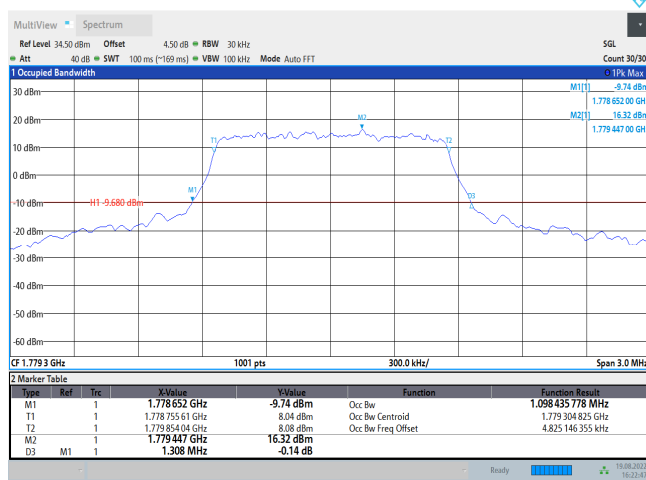
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Band66-1.4MHz-16QAM-132322-6RB#0



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



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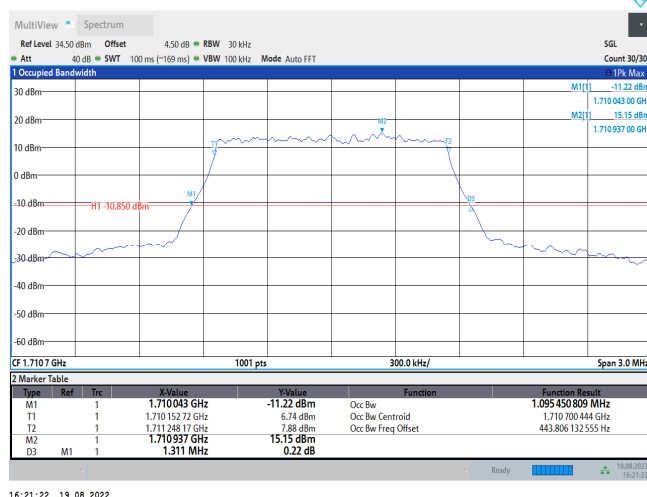
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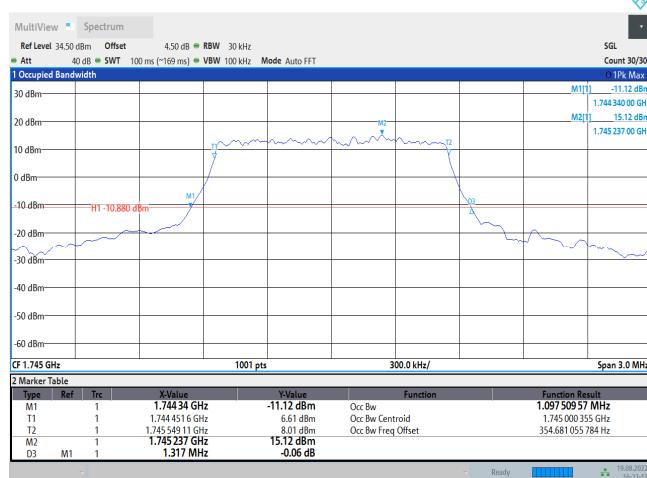
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Band66-1.4MHz-64QAM-131979-6RB#0



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



16:22:13 19.08.2022



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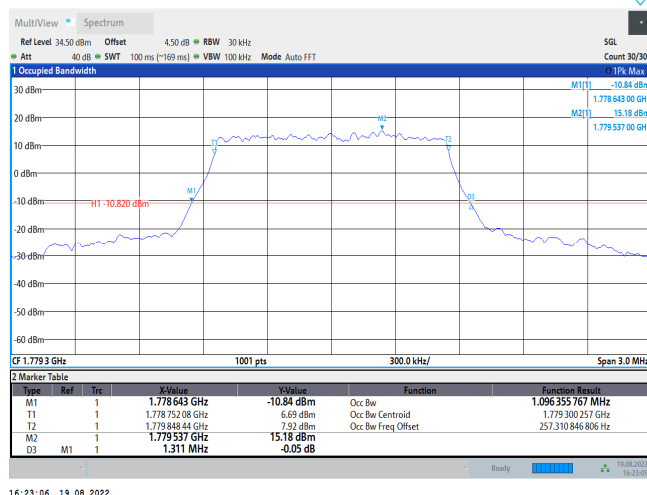
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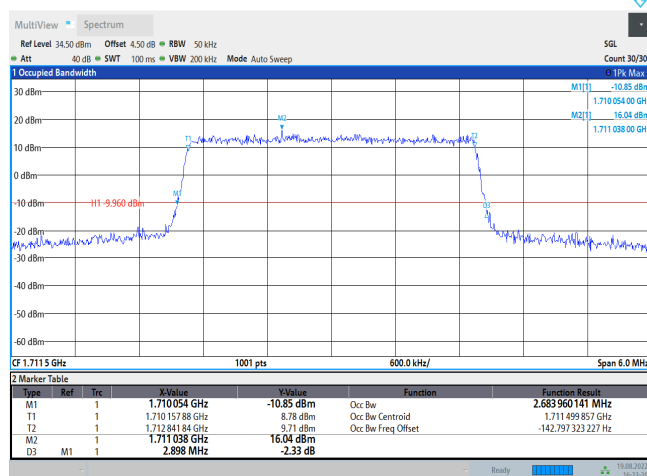
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Band66-1.4MHz-64QAM-132665-6RB#0



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



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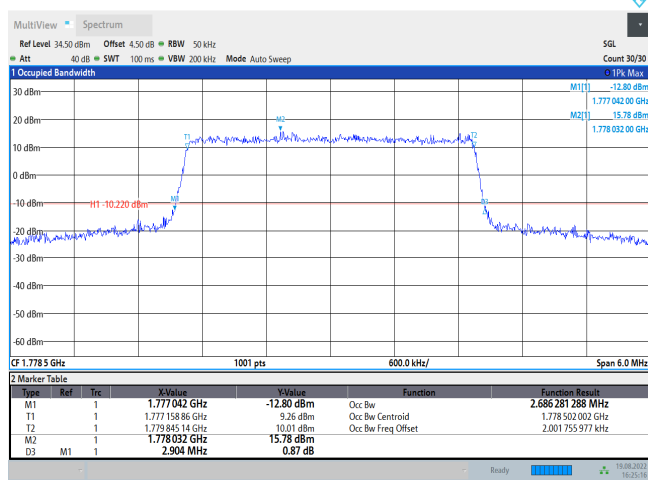
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Band66-3MHz-QPSK-132322-15RB#0



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



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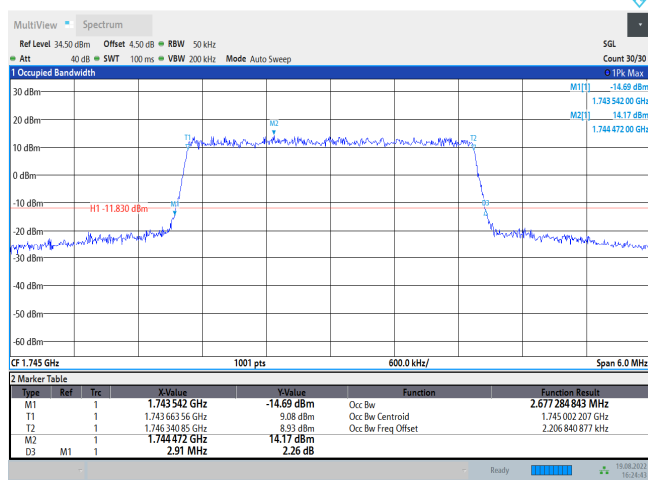
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Band66-3MHz-16QAM-131987-15RB#0



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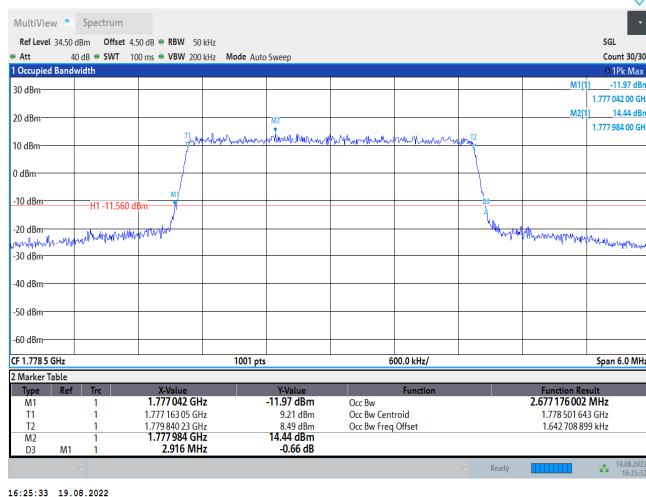
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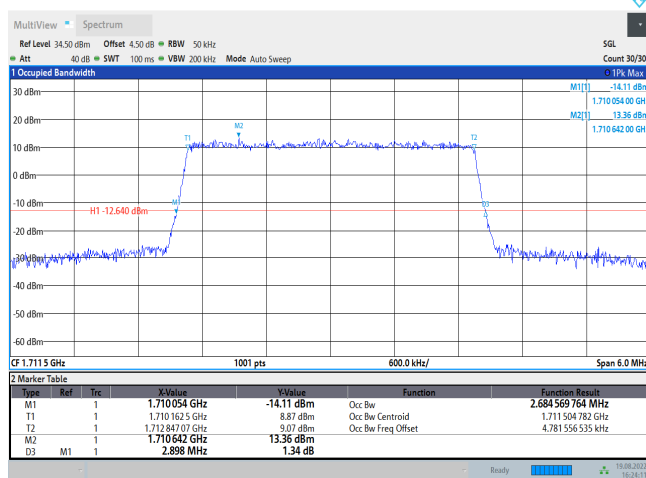
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Band66-3MHz-16QAM-132657-15RB#0



16:25:33 19.08.2022

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



16:24:11 19.08.2022



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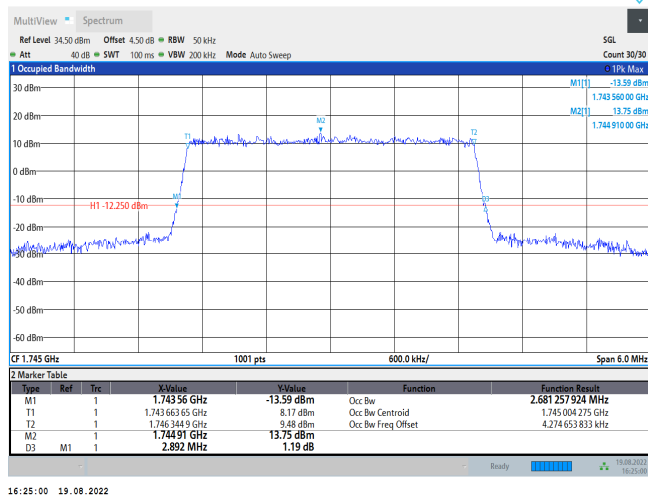
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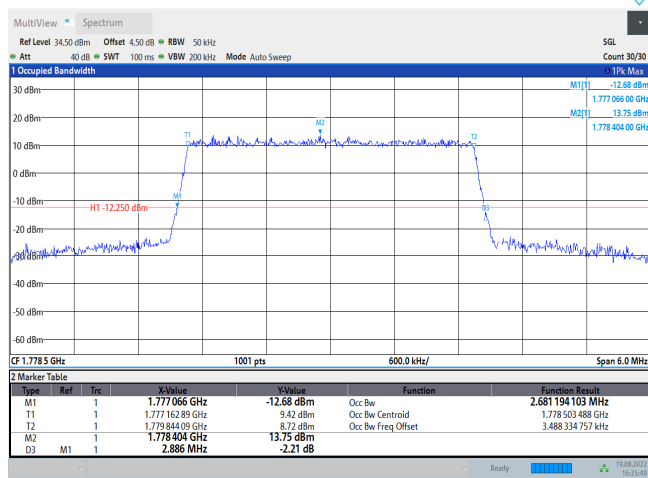
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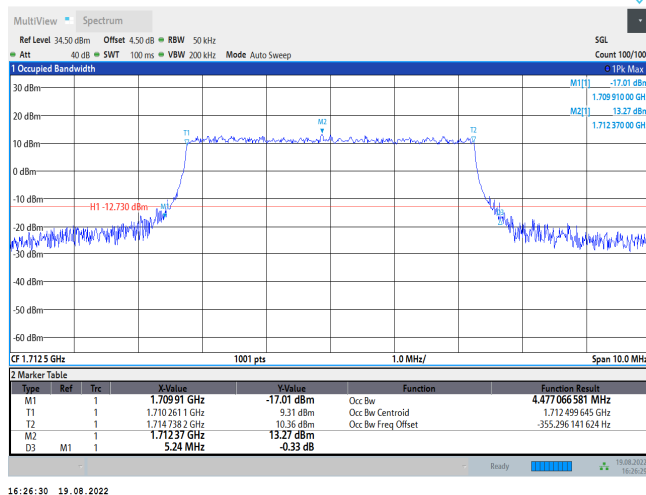
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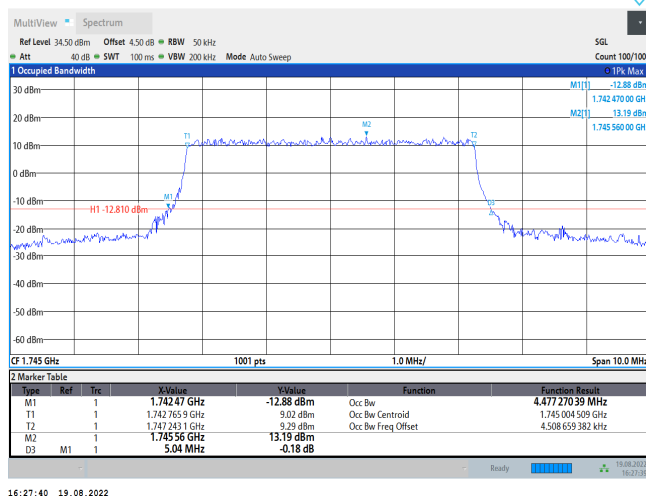
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Band66-5MHz-QPSK-131997-25RB#0



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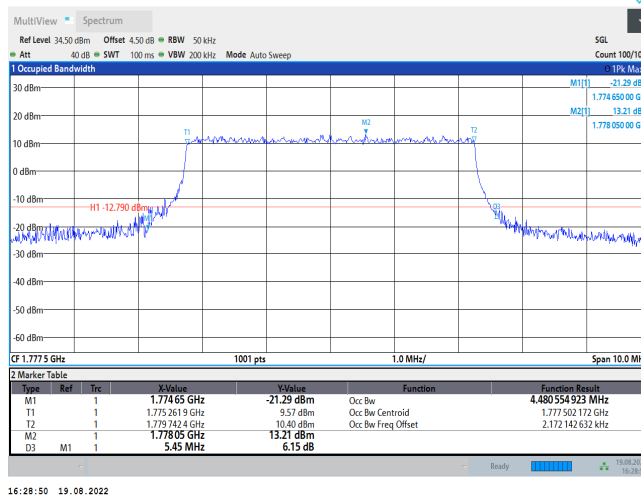
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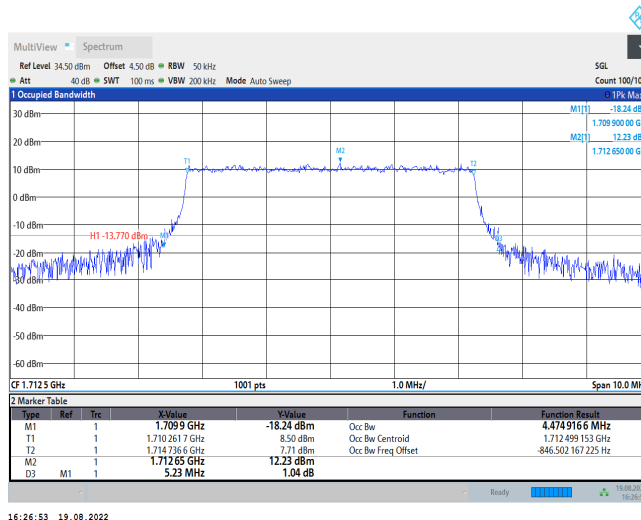
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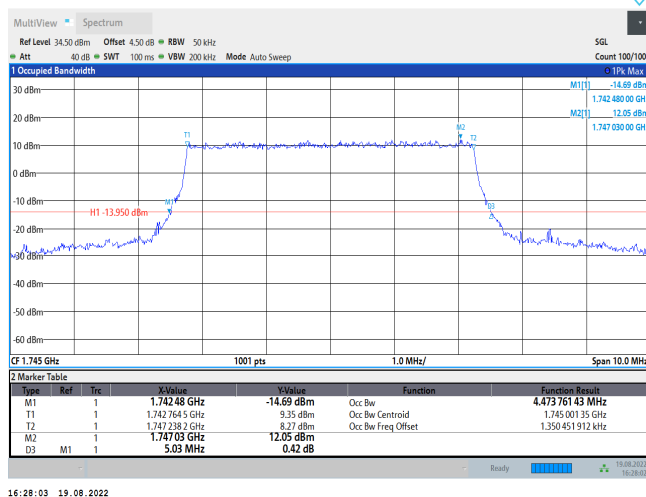
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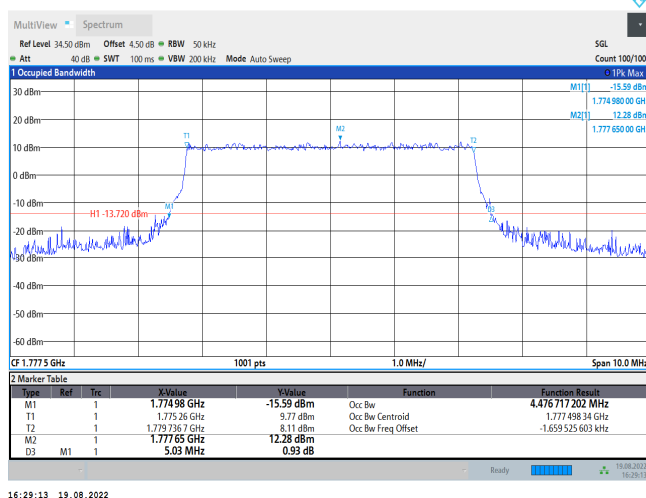
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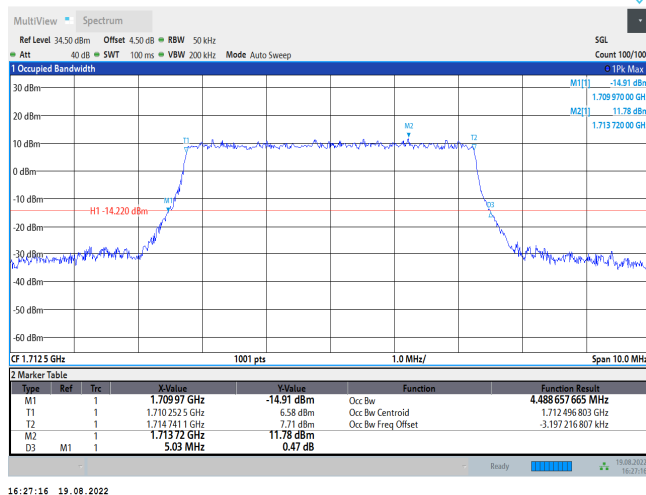
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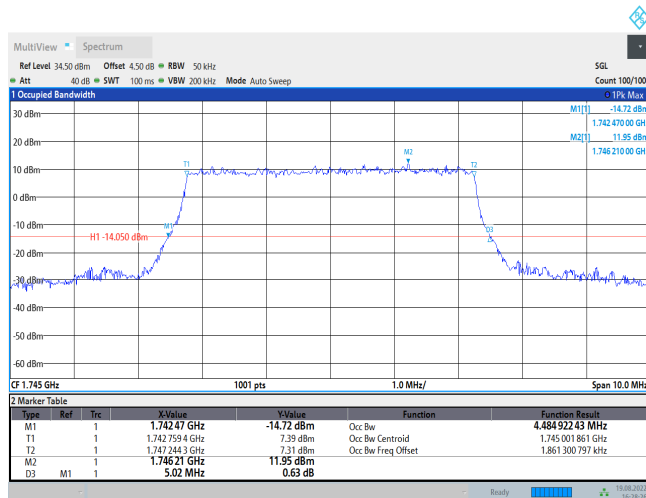
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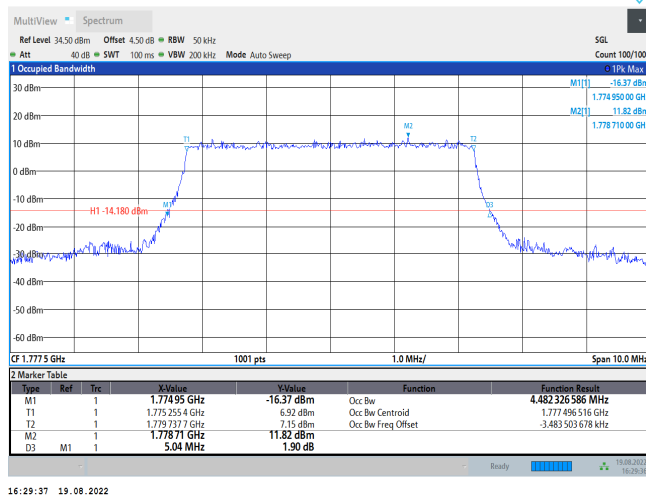
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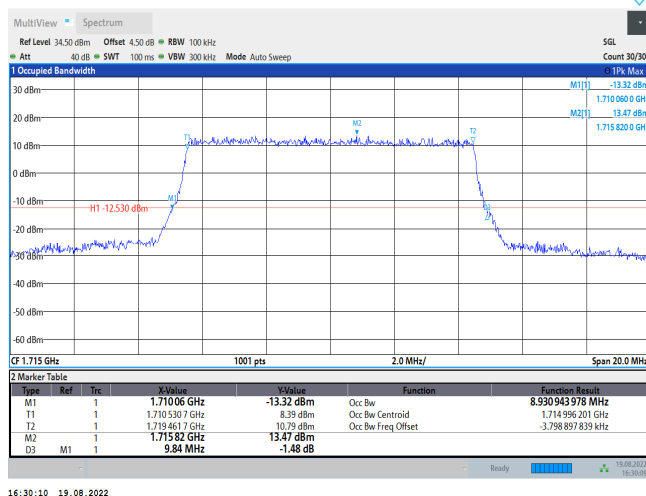
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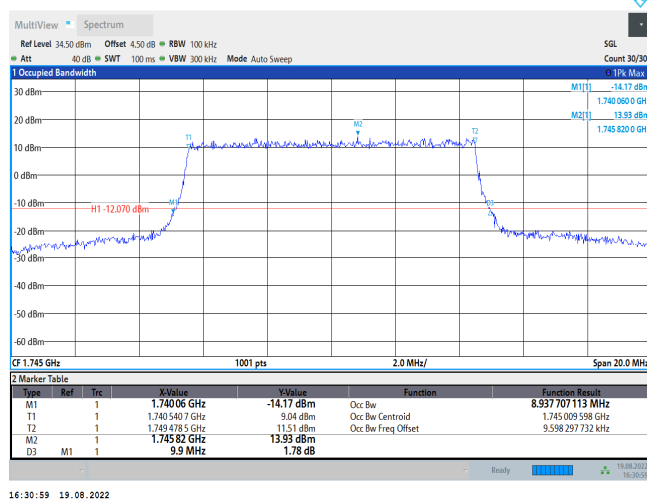
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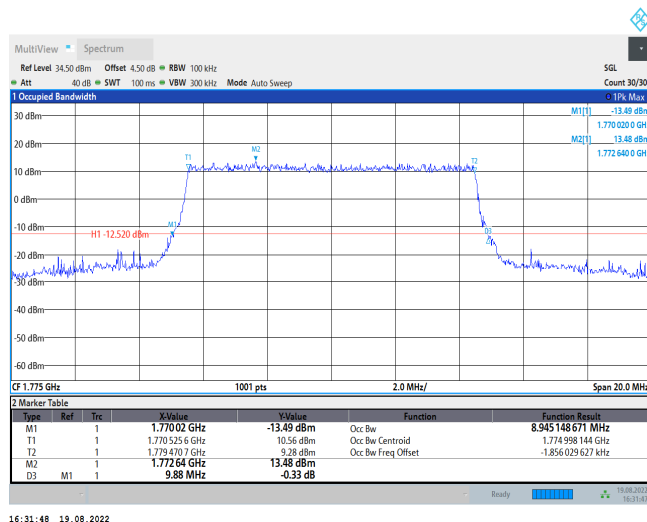
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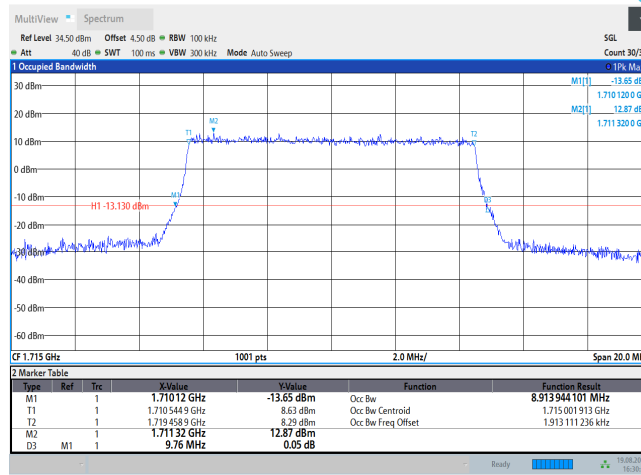
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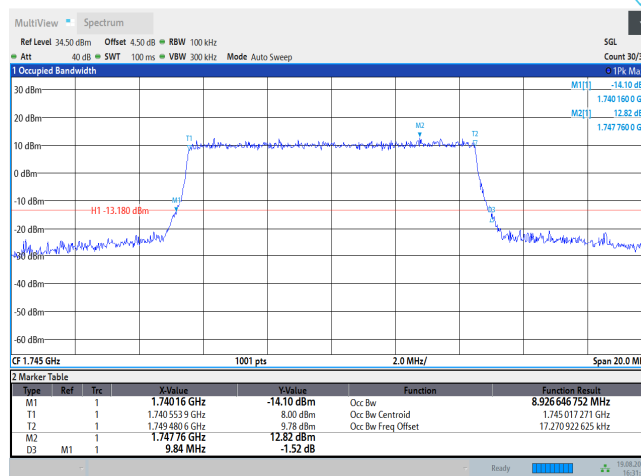
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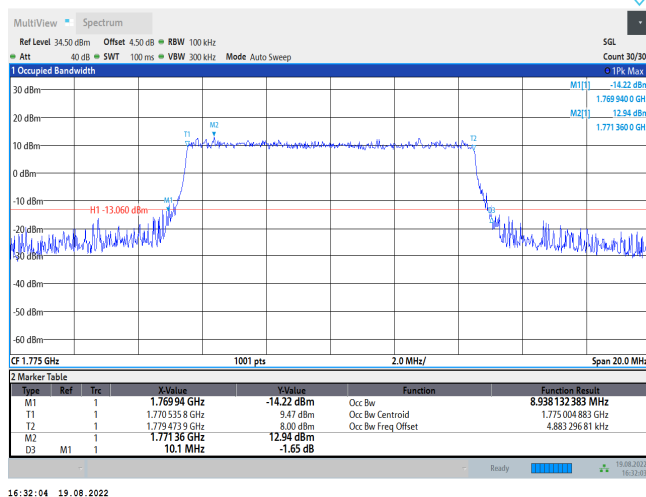
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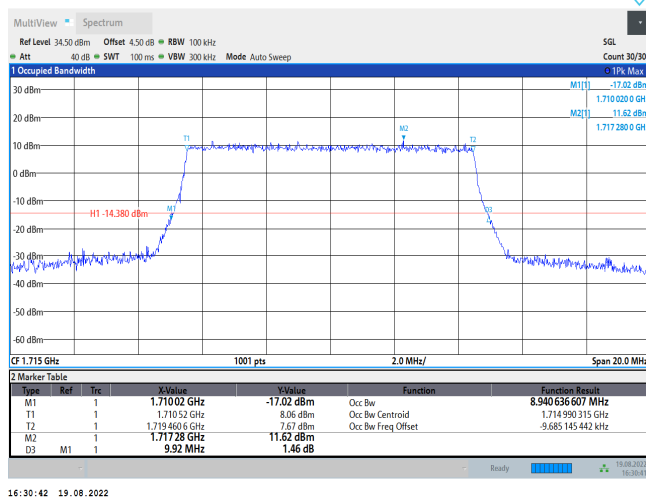
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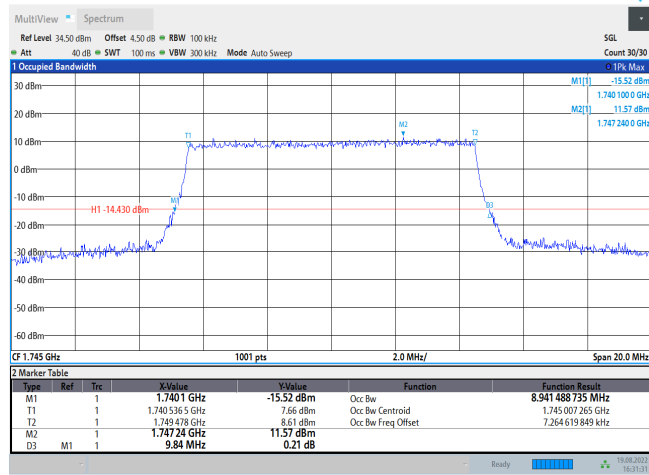
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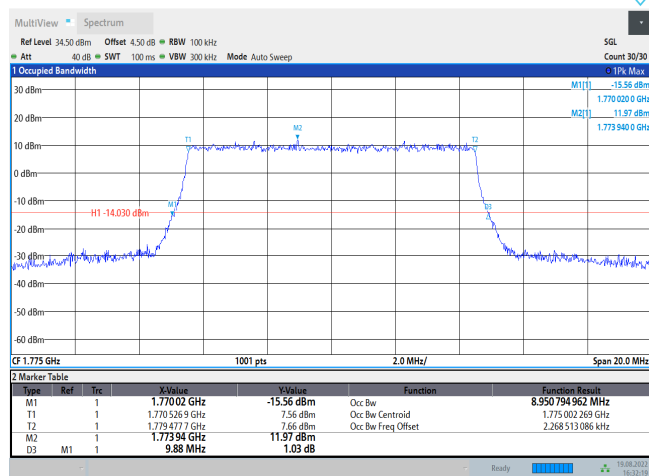
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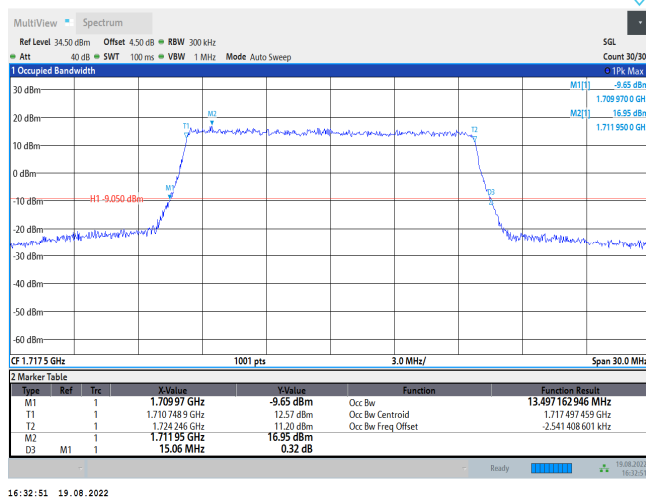
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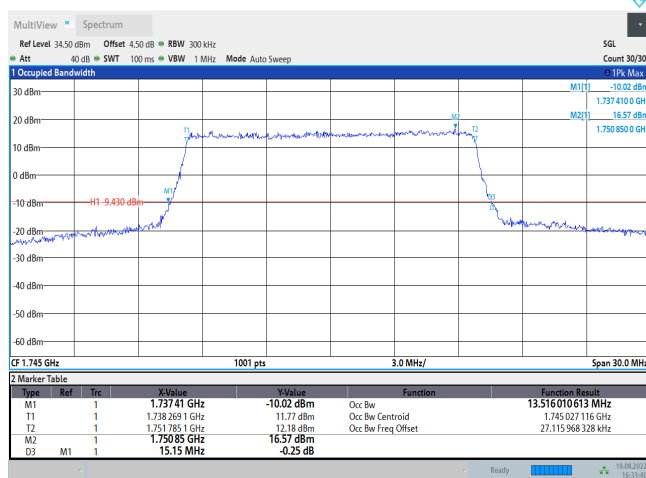
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Band66-15MHz-QPSK-132047-75RB#0



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



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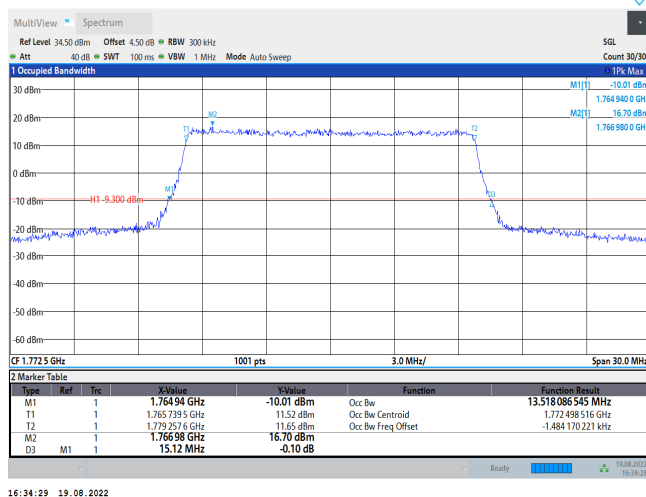
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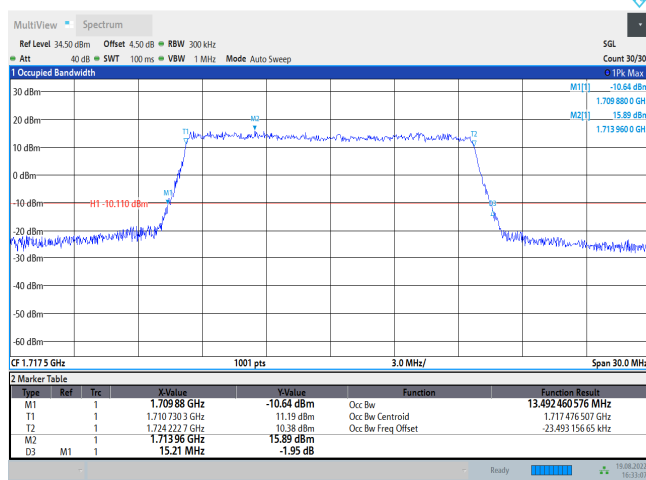
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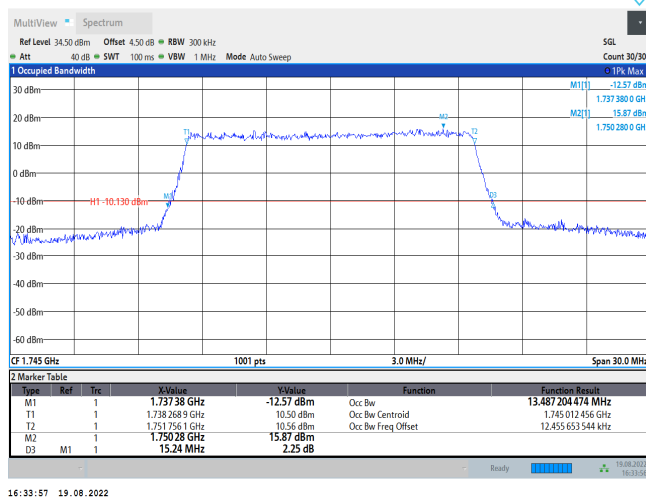
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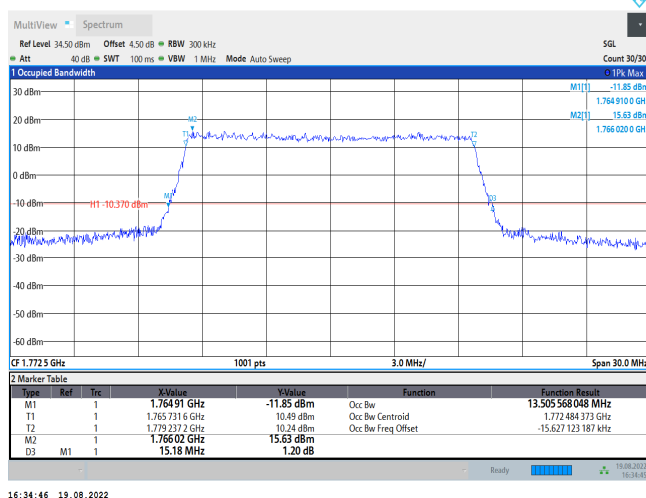
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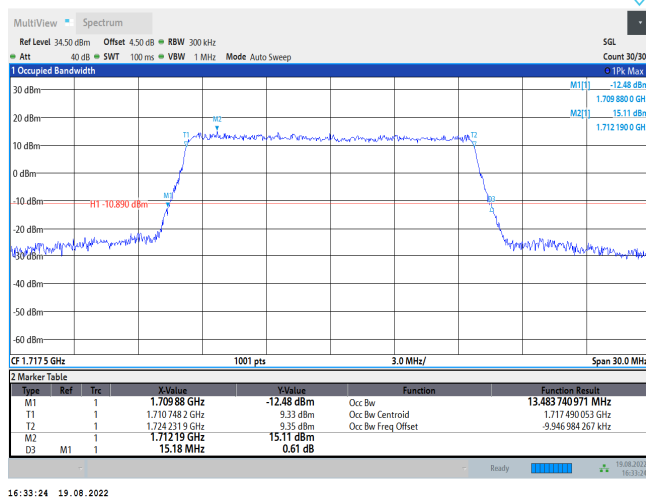
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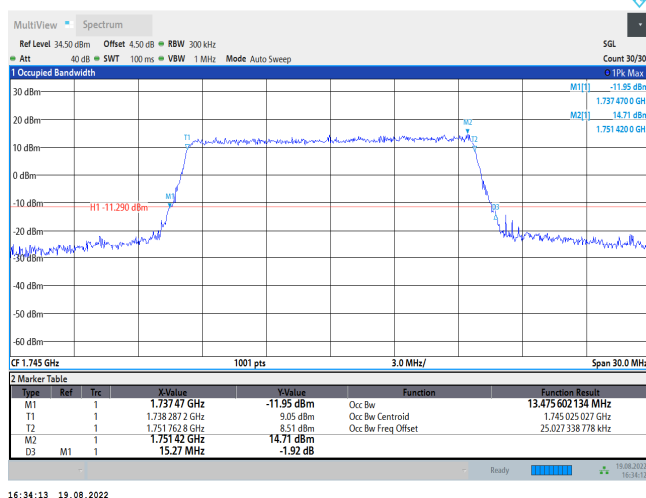
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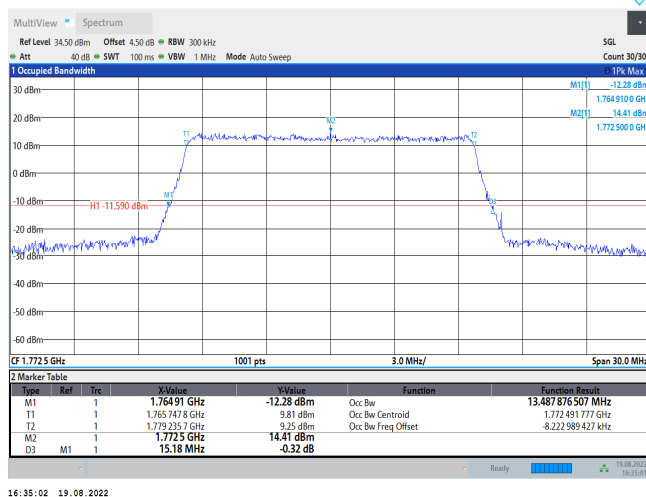
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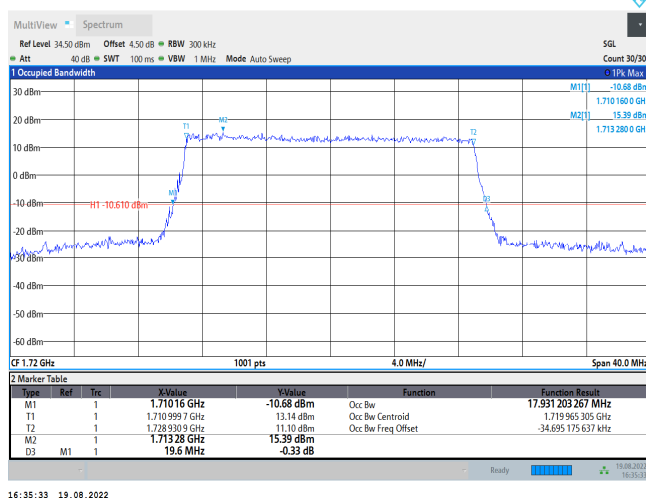
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Band66-20MHz-QPSK-132072-100RB#0



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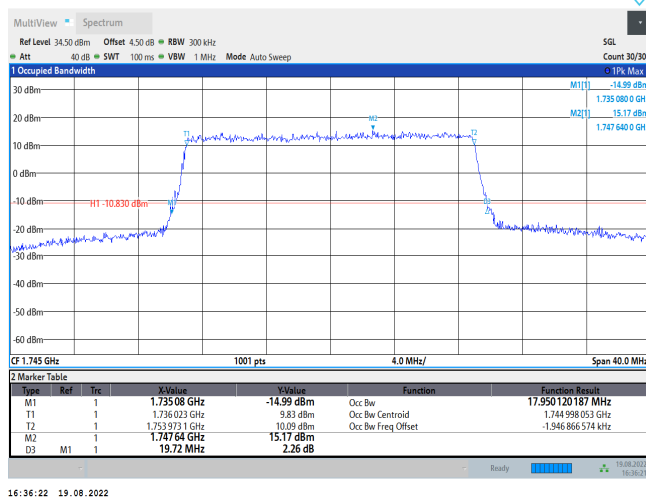
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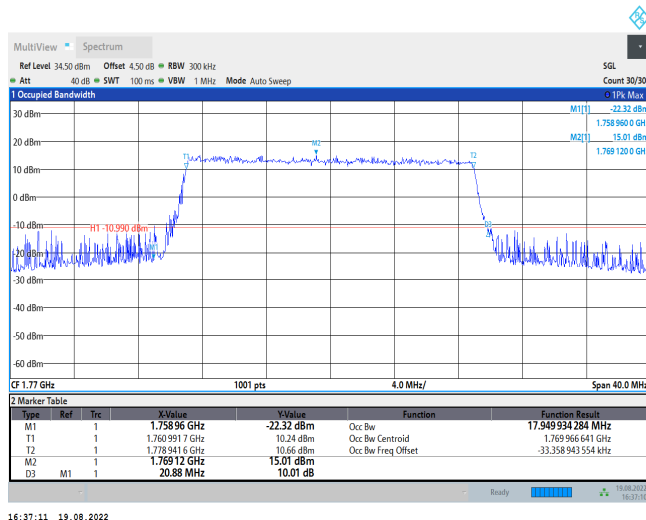
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Band66-20MHz-QPSK-132572-100RB#0



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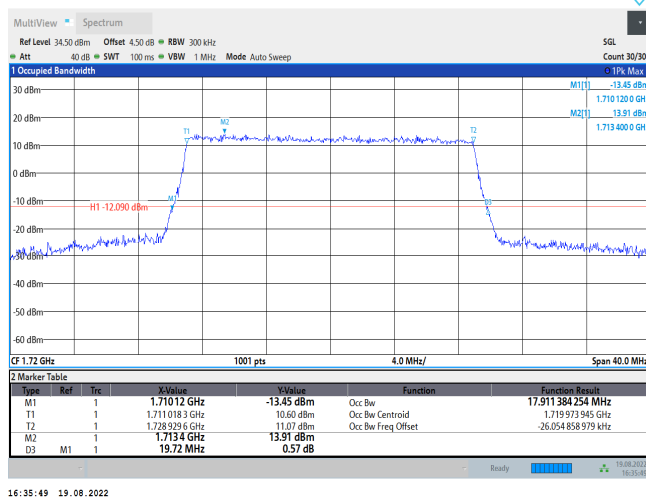
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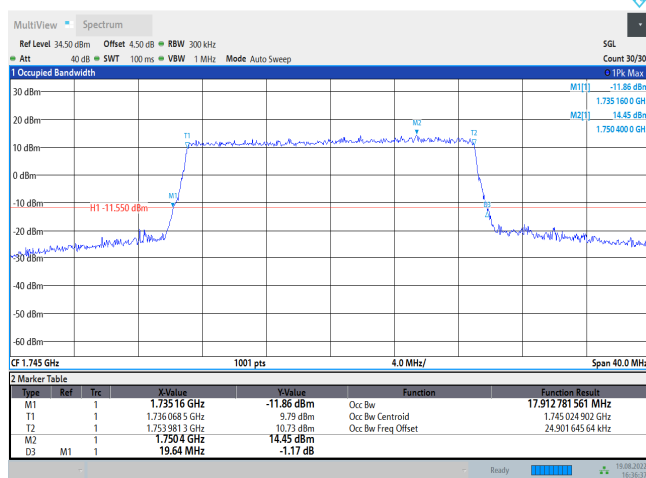
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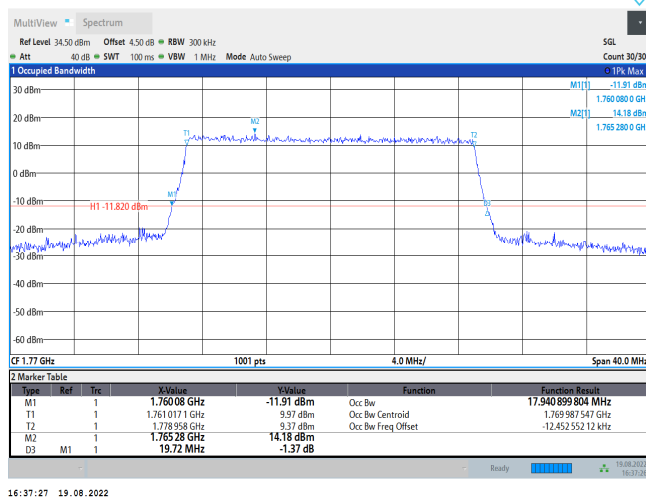
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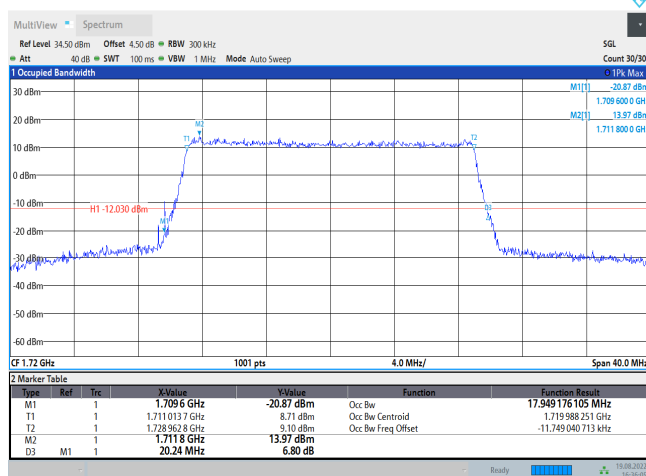
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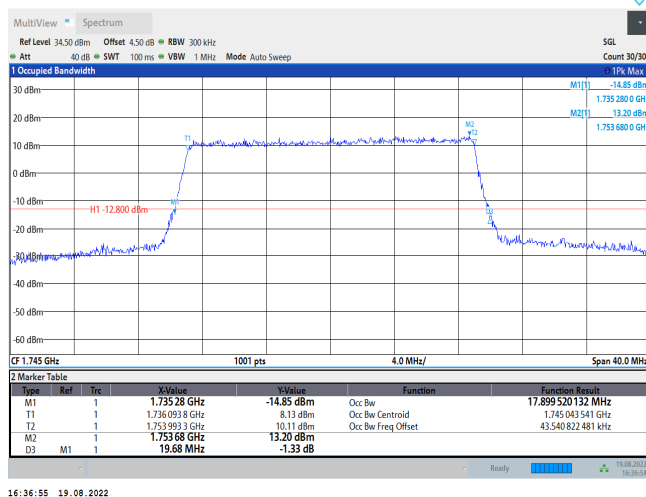
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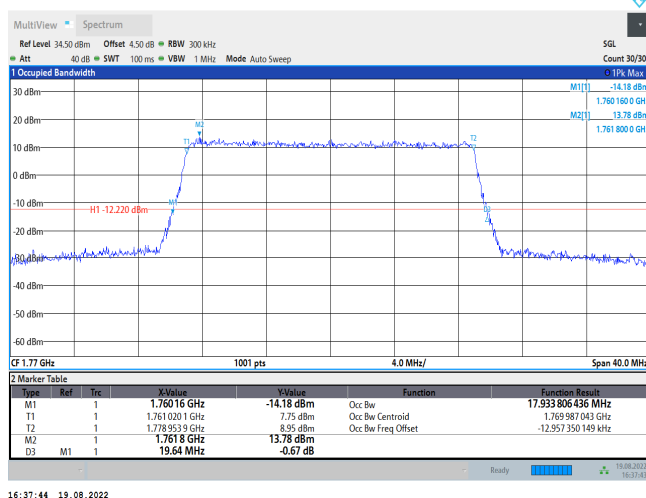
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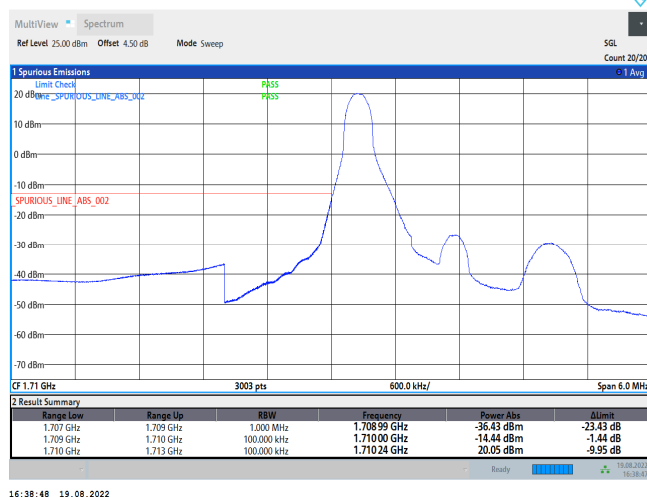
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Test Graphs

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



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



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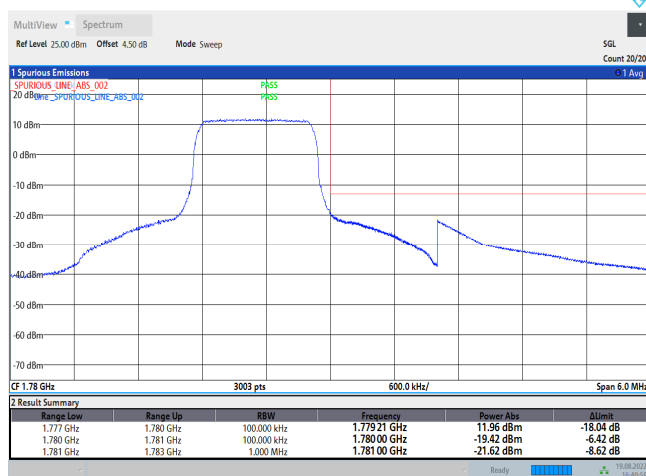
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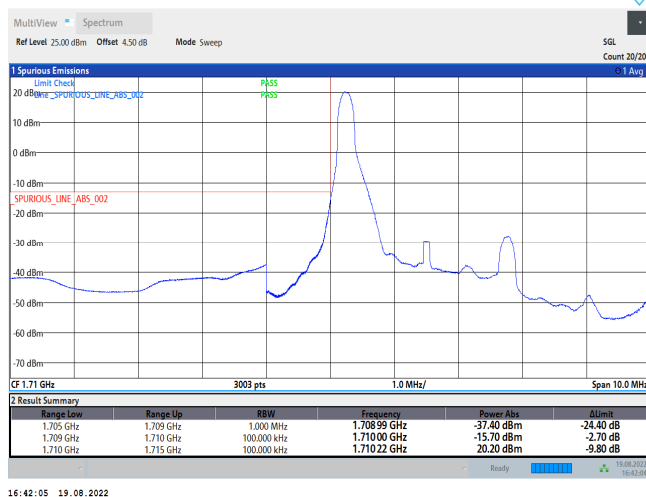
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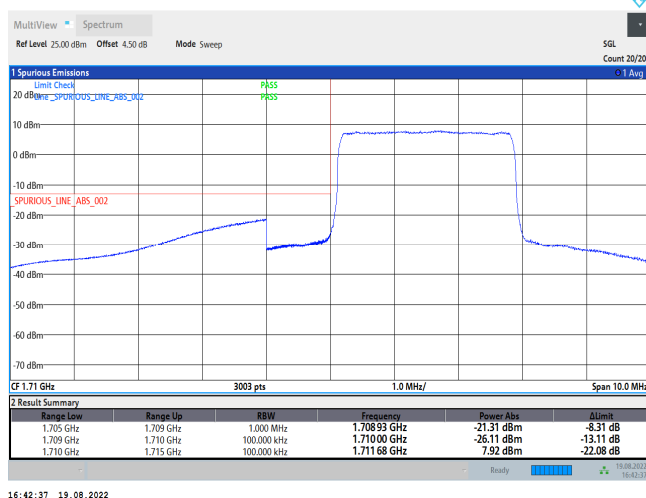
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Band66-3MHz-QPSK-131987-1RB#0



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



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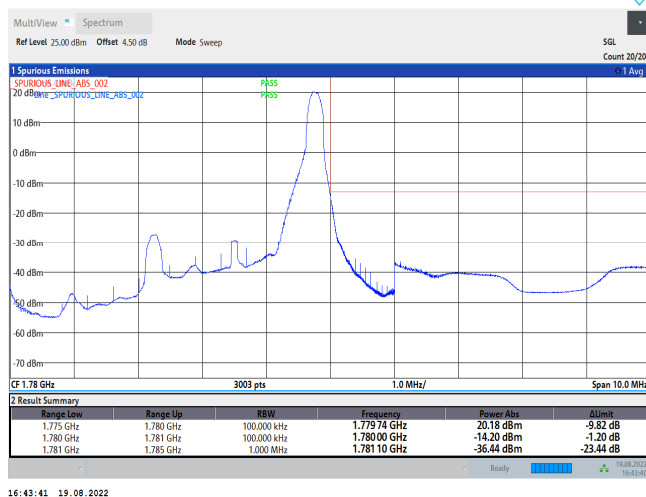
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Band66-3MHz-QPSK-132657-1RB#14



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



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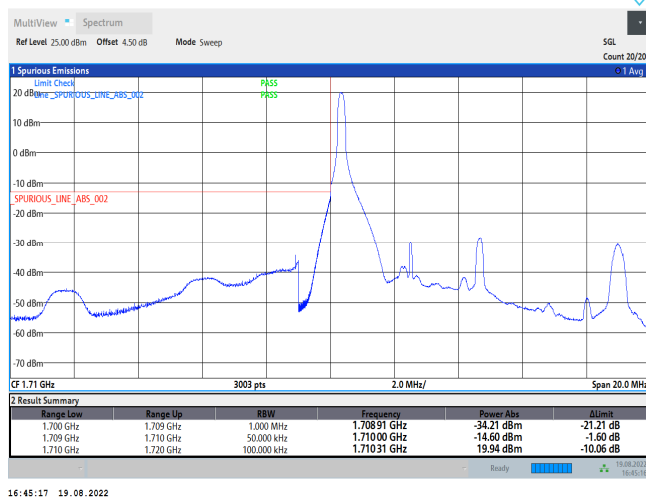
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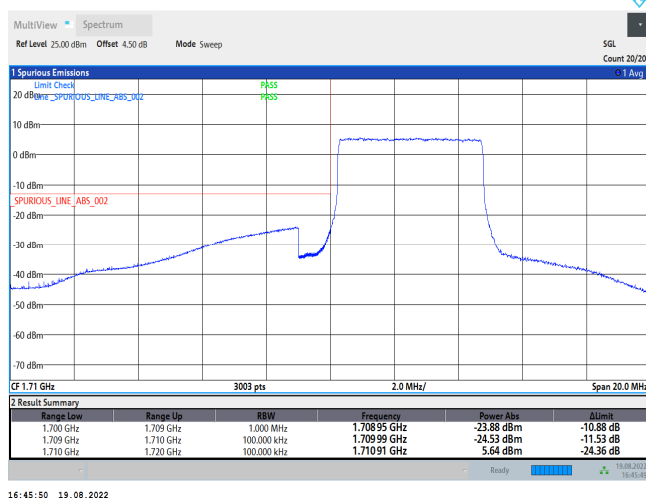
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Band66-5MHz-QPSK-131997-1RB#0



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



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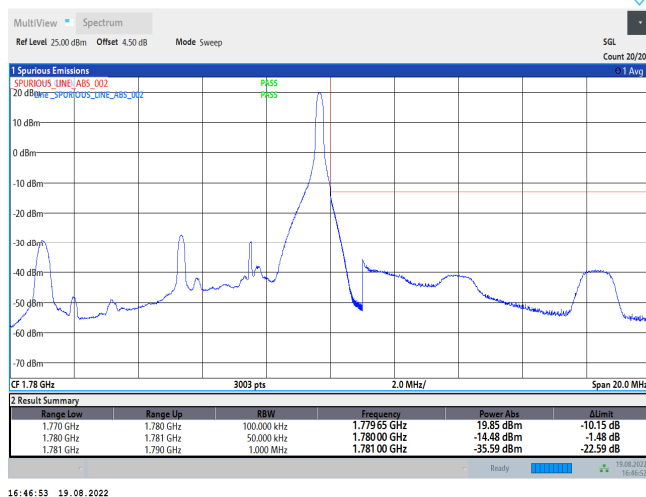
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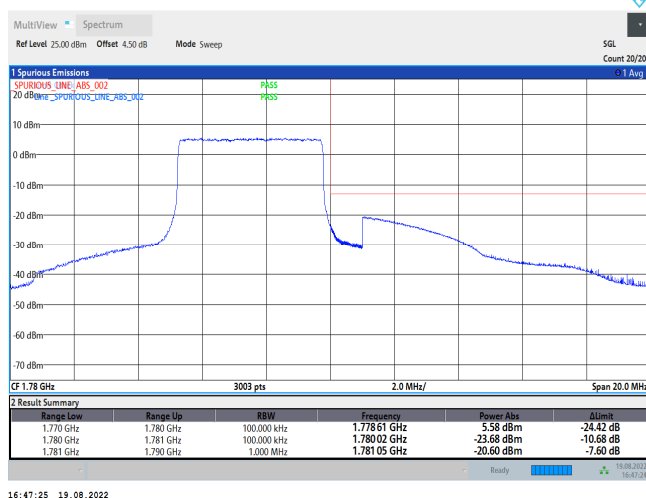
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Band66-5MHz-QPSK-132647-1RB#24



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



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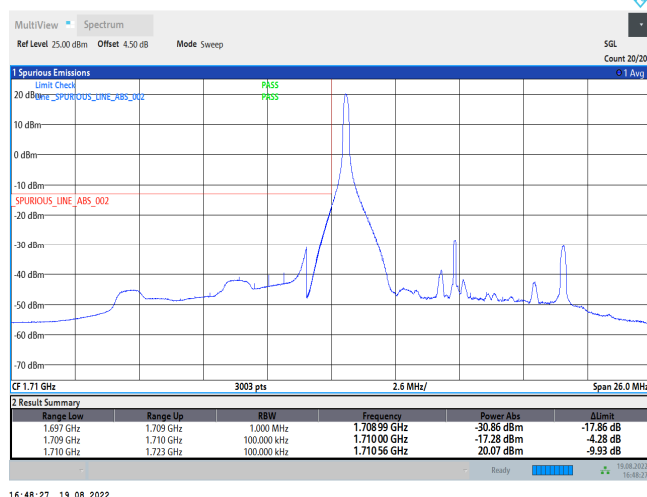
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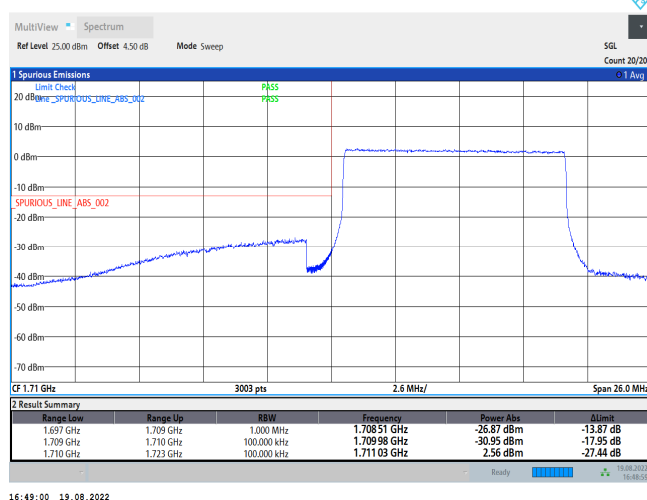
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Band66-10MHz-QPSK-132022-1RB#0



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



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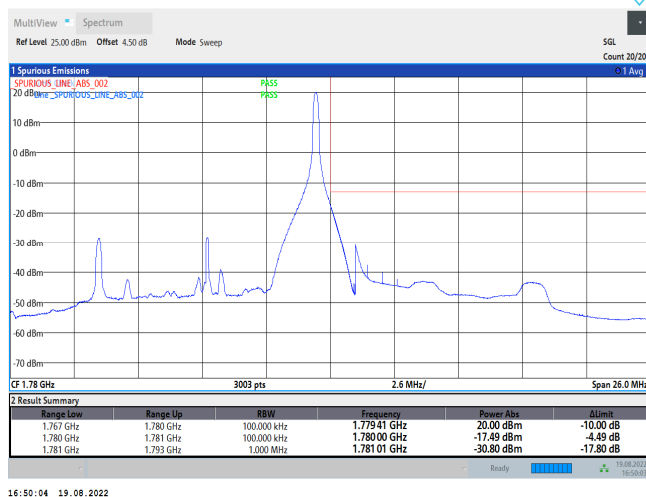
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Band66-10MHz-QPSK-132622-1RB#49



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



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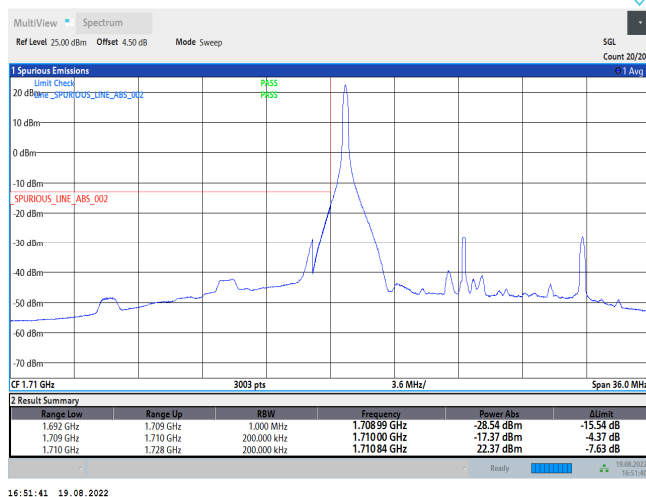
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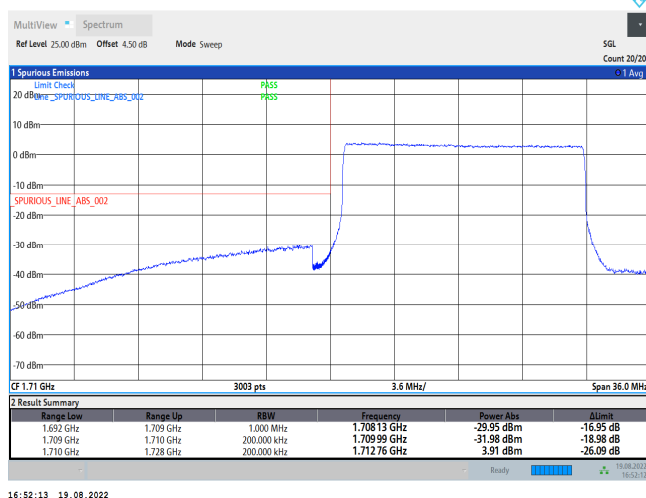
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Band66-15MHz-QPSK-132047-1RB#0



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



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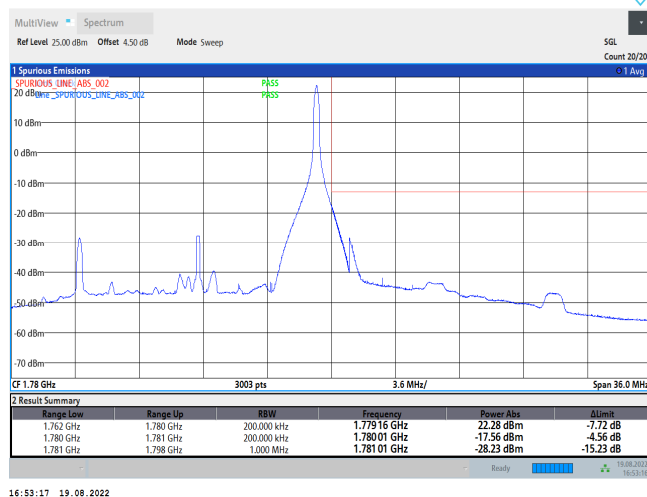
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Band66-15MHz-QPSK-132597-1RB#74



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



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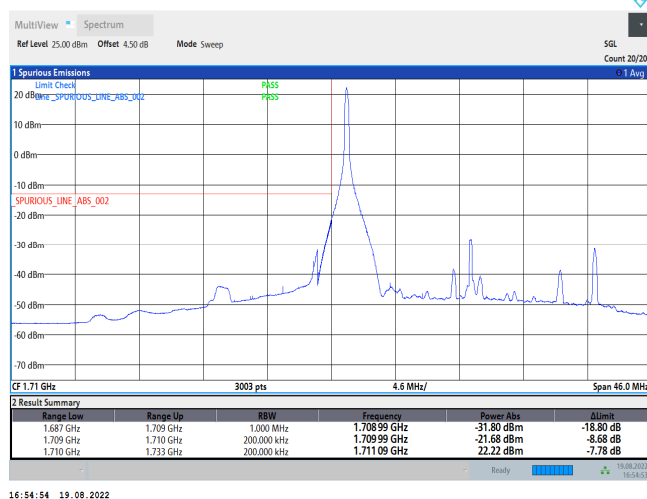
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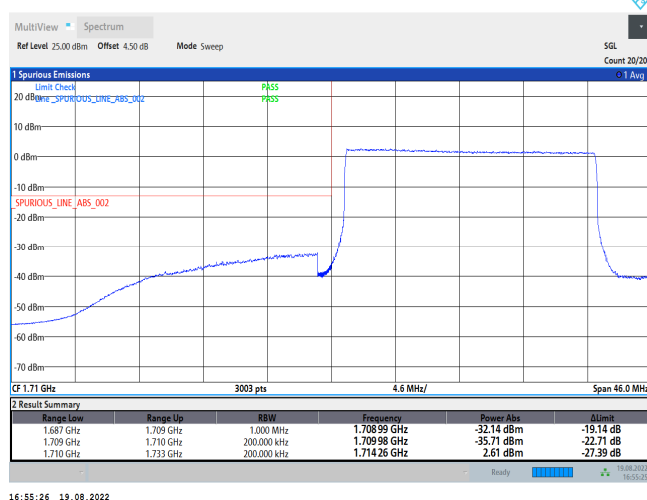
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Band66-20MHz-QPSK-132072-1RB#0



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



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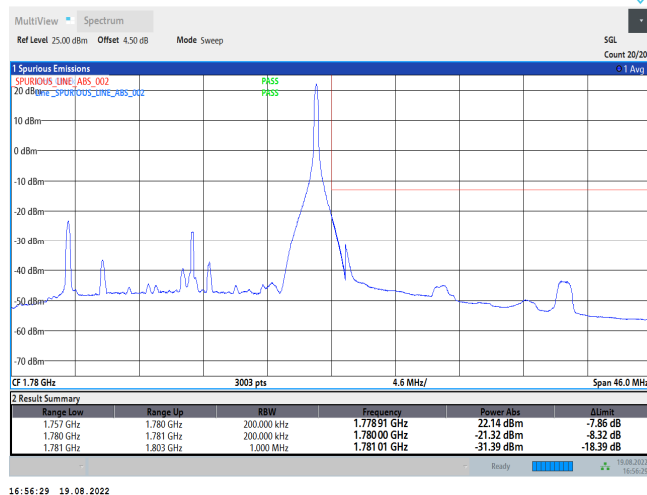
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Band66-20MHz-QPSK-132572-100RB#0



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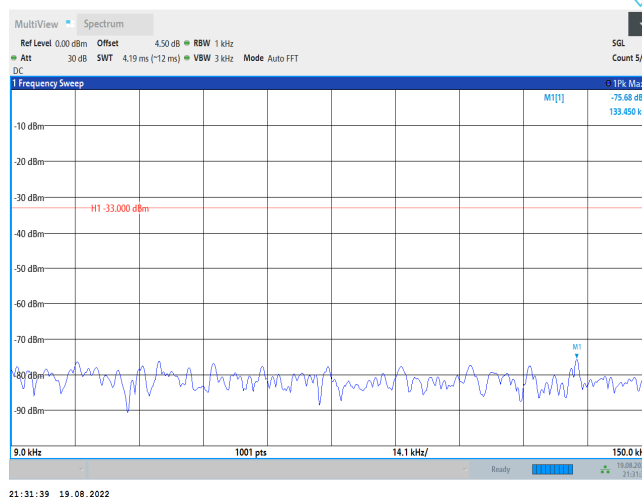
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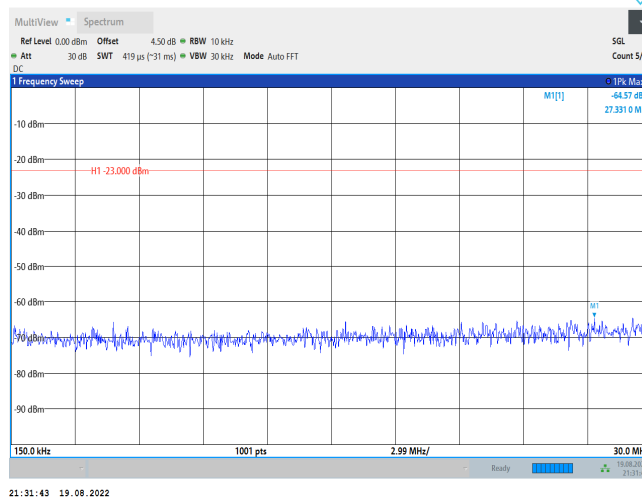
Conducted Spurious Emission

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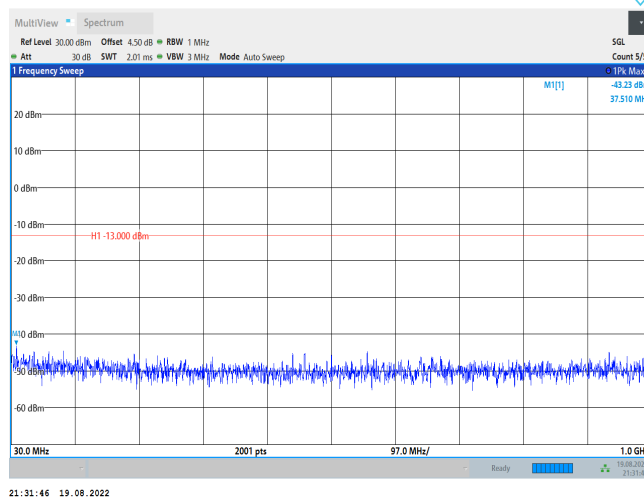
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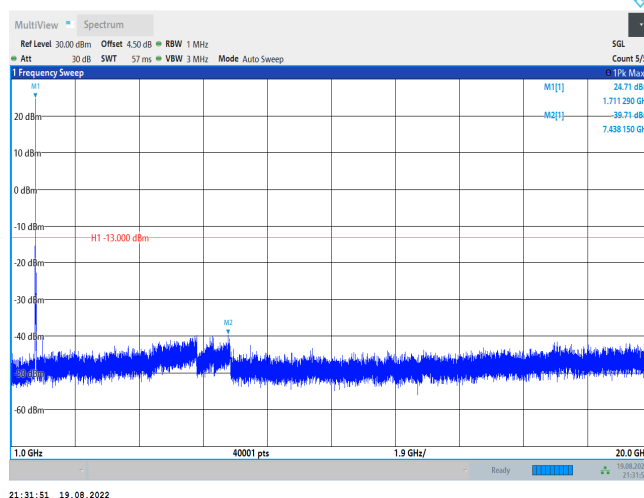
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Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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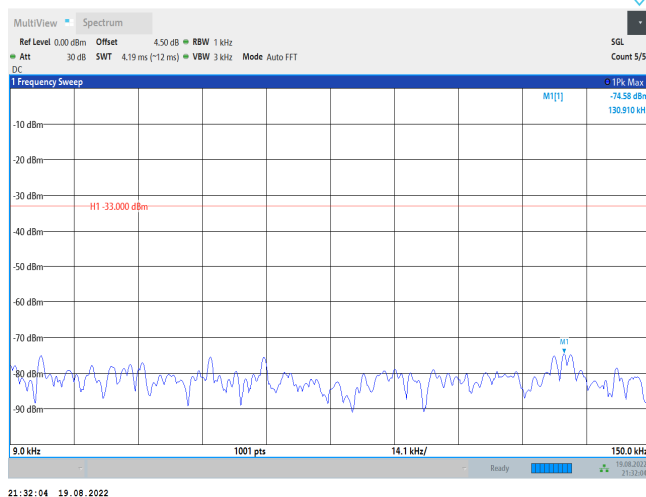
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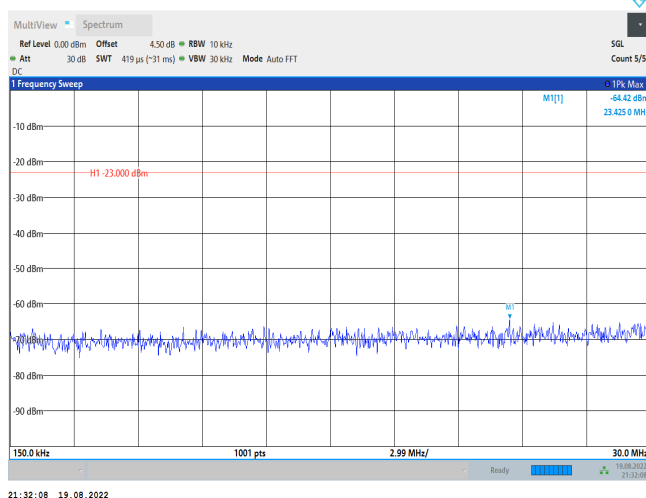
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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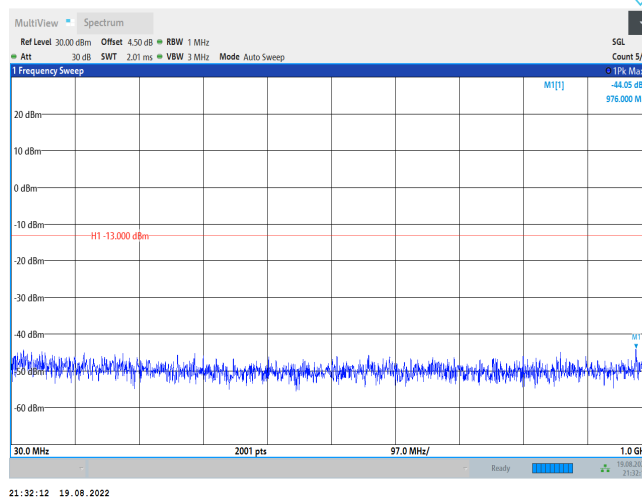
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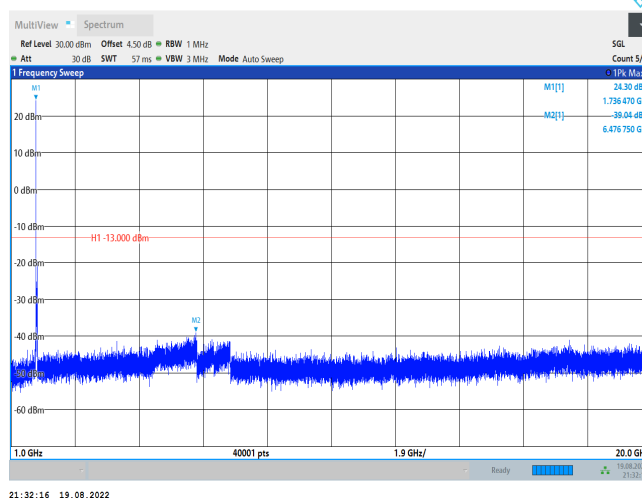
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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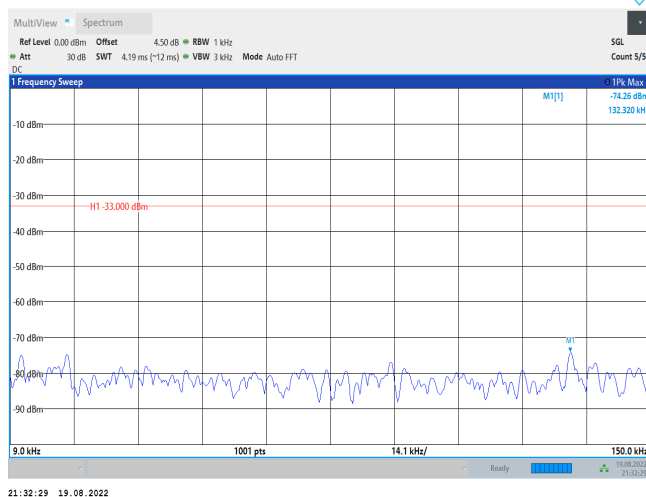
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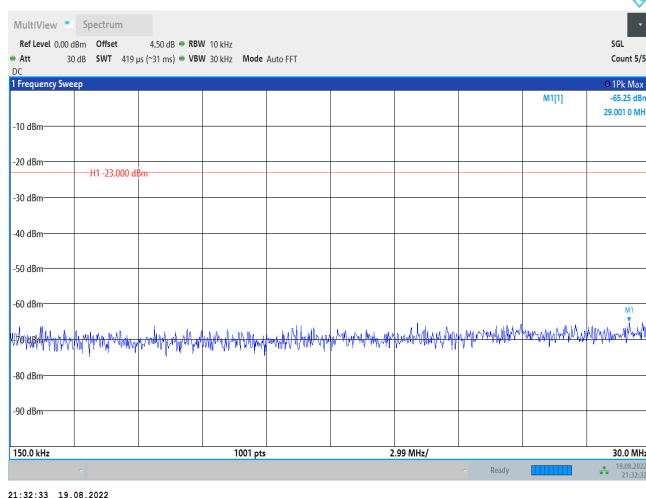
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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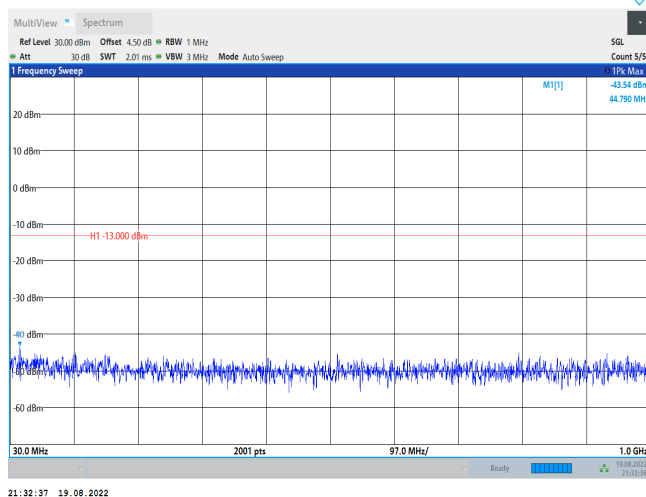
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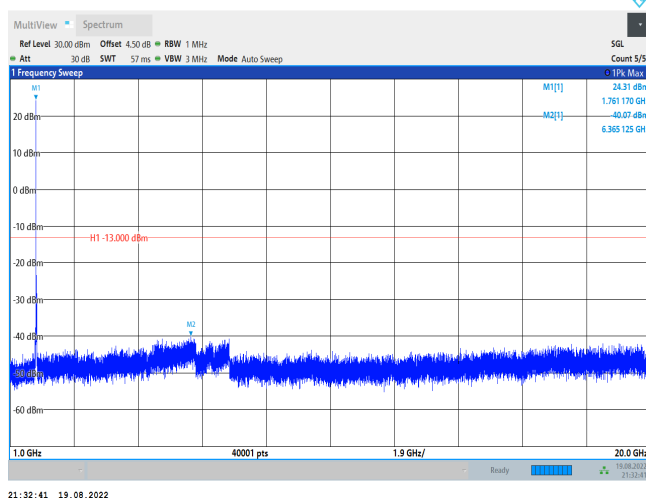
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



21:32:37 19.08.2022

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



21:32:41 19.08.2022



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Field Strength of Spurious Radiation

Test Band = LTE Band66_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	61.09	-46.28	29.45	-51.00	-13.00	38.00	235	239	Horizontal
2	5106.2700	46.43	-45.36	32.94	-61.26	-13.00	48.26	146	42	Horizontal
3	6808.3600	47.39	-44.16	35.85	-56.18	-13.00	43.18	291	300	Horizontal
4	8510.4500	42.75	-41.59	37.56	-56.54	-13.00	43.54	142	164	Horizontal
5	10212.5400	35.51	-39.45	38.81	-60.38	-13.00	47.38	173	118	Horizontal
6	11914.6300	31.01	-37.18	38.88	-62.55	-13.00	49.55	231	285	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	49.11	-46.28	29.43	-63.00	-13.00	50.00	111	59	Vertical
2	5106.2700	47.24	-45.36	32.94	-60.45	-13.00	47.45	246	2	Vertical
3	6808.3600	47.04	-44.16	35.85	-56.53	-13.00	43.53	213	270	Vertical
4	8510.4500	43.16	-41.59	37.56	-56.13	-13.00	43.13	230	239	Vertical
5	10212.5400	36.85	-39.45	38.81	-59.04	-13.00	46.04	269	0	Vertical
6	11914.6300	30.59	-37.18	38.88	-62.97	-13.00	49.97	291	133	Vertical



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Test Band = LTE Band66_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.5	58.83	-46.27	29.50	-53.20	-13.00	40.20	248	239	Horizontal
2	5181.2700	47.52	-45.30	32.98	-60.06	-13.00	47.06	156	208	Horizontal
3	6908.3600	45.82	-44.05	35.97	-57.52	-13.00	44.52	261	133	Horizontal
4	8635.4500	40.93	-41.46	37.81	-57.98	-13.00	44.98	172	56	Horizontal
5	10362.5400	36.37	-39.04	38.85	-59.08	-13.00	46.08	143	0	Horizontal
6	12089.6300	31.85	-37.37	39.04	-61.74	-13.00	48.74	236	87	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	49.77	-46.27	29.48	-62.28	-13.00	49.28	216	330	Vertical
2	5181.2700	46.39	-45.30	32.98	-61.19	-13.00	48.19	145	6	Vertical
3	6908.3600	45.48	-44.05	35.97	-57.86	-13.00	44.86	175	0	Vertical
4	8635.4500	41.84	-41.46	37.81	-57.07	-13.00	44.07	126	285	Vertical
5	10362.5400	34.70	-39.04	38.85	-60.75	-13.00	47.75	231	254	Vertical
6	12089.6300	32.43	-37.37	39.04	-61.16	-13.00	48.16	150	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	3522	63.28	-46.23	29.54	-48.67	-13.00	35.67	246	254	Horizontal
2	5256.2700	46.54	-45.17	32.94	-60.96	-13.00	47.96	152	0	Horizontal
3	7008.3600	46.28	-43.61	36.10	-56.49	-13.00	43.49	175	225	Horizontal
4	8760.4500	39.69	-41.42	38.02	-58.98	-13.00	45.98	196	162	Horizontal
5	10512.5400	34.62	-38.76	38.97	-60.43	-13.00	47.43	251	254	Horizontal
6	12262.6300	31.74	-37.44	39.11	-61.85	-13.00	48.85	142	0	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	56.12	-46.23	29.54	-55.83	-13.00	42.83	241	284	Vertical
2	5256.2700	47.21	-45.17	32.94	-60.29	-13.00	47.29	126	269	Vertical
3	7008.3600	46.13	-43.61	36.10	-56.64	-13.00	43.64	298	300	Vertical
4	8760.4500	39.62	-41.42	38.02	-59.05	-13.00	46.05	175	344	Vertical
5	10512.5400	33.35	-38.76	38.97	-61.70	-13.00	48.70	134	207	Vertical
6	12262.6300	31.62	-37.44	39.11	-61.97	-13.00	48.97	160	147	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	-6.50	-0.003725	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-22.00	-0.012607	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-2.00	-0.001146	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	0.20	0.000115	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-6.30	-0.003610	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-7.30	-0.004183	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-1.20	-0.000688	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-1.00	-0.000573	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-4.60	-0.002636	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-8.80	-0.005043	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-7.60	-0.004355	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-5.80	-0.003324	PASS

---End of Attachment---



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