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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	23.1	25.43	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.16	25.49	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.08	25.41	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.13	24.46	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.53	25.86	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.62	25.95	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.54	25.87	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.67	25	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.48	25.81	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.54	25.87	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.48	25.81	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.53	24.86	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.31	24.64	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.31	24.64	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.3	24.63	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.4	23.73	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.76	25.09	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.98	25.31	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.91	25.24	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.76	24.09	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.66	24.99	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.7	25.03	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.68	25.01	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.74	24.07	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.33	22.66	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.3	22.63	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.3	22.63	30	PASS



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Band66	1.4MHz	64QAM	131979	6RB#0	19.59	21.92	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.08	23.41	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.16	23.49	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.06	23.39	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.22	22.55	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.76	23.09	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.87	23.2	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.79	23.12	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.96	22.29	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.27	25.6	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.41	25.74	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.39	25.72	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.22	24.55	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.57	25.9	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.75	26.08	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.69	26.02	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.86	25.19	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.37	25.7	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.61	25.94	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.58	25.91	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.57	24.9	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.45	24.78	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.57	24.9	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.62	24.95	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.43	23.76	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.86	25.19	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.97	25.3	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.9	25.23	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.83	24.16	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.58	24.91	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.84	25.17	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.73	25.06	30	PASS



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Band66	3MHz	64QAM	131987	1RB#0	20.53	22.86	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	20.76	23.09	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.69	23.02	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.6	21.93	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.09	23.42	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.22	23.55	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.07	23.4	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.19	22.52	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.66	22.99	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.01	23.34	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.02	23.35	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.96	22.29	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.16	25.49	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.36	25.69	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.42	25.75	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.16	24.49	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.56	25.89	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.68	26.01	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.67	26	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.81	25.14	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.05	25.38	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.31	25.64	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.48	25.81	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.32	24.65	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.33	24.66	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.59	24.92	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.6	24.93	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.41	23.74	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.95	25.28	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.95	25.28	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.97	25.3	30	PASS



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Band66	5MHz	16QAM	132322	25RB#0	21.85	24.18	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.23	24.56	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.47	24.8	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.67	25	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.56	23.89	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.42	22.75	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.69	23.02	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.77	23.1	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.48	21.81	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.99	23.32	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.05	23.38	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.97	23.3	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.06	22.39	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.38	22.71	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.58	22.91	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.79	23.12	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.62	21.95	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.94	25.27	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.43	25.76	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.31	25.64	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.34	24.67	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.67	26	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.66	25.99	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.57	25.9	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.83	25.16	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.9	25.23	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.07	25.4	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.32	25.65	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.06	24.39	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.08	24.41	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.59	24.92	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.5	24.83	30	PASS



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Band66	10MHz	16QAM	132022	50RB#0	21.32	23.65	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.84	25.17	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.09	25.42	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.92	25.25	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.92	24.25	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.06	24.39	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.33	24.66	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.51	24.84	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.23	23.56	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.12	22.45	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.76	23.09	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.55	22.88	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.54	21.87	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.94	23.27	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.25	23.58	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.03	23.36	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.05	22.38	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.24	22.57	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.35	22.68	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.56	22.89	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.39	21.72	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.15	25.48	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.46	25.79	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.49	25.82	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.41	24.74	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.57	25.9	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.65	25.98	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.7	26.03	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.78	25.11	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.49	25.82	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.72	25.05	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.16	25.49	30	PASS



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Band66	15MHz	16QAM	132047	1RB#0	22.33	24.66	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.76	25.09	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.76	25.09	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.43	23.76	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.77	25.1	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.83	25.16	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	23	25.33	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.85	24.18	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.7	25.03	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.89	24.22	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.35	24.68	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.22	23.55	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.49	22.82	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.93	23.26	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.99	23.32	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.64	21.97	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.07	23.4	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.97	23.3	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.18	23.51	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.12	22.45	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.89	23.22	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	19.89	22.22	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.39	22.72	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.43	21.76	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.01	25.34	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.6	25.93	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.55	25.88	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.59	24.92	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.52	25.85	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.72	26.05	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.87	26.2	30	PASS



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Band66	20MHz	QPSK	132322	100RB#0	22.85	25.18	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.71	26.04	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23	25.33	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.28	25.61	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.07	24.4	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.19	24.52	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.81	25.14	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.9	25.23	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.41	23.74	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	23	25.33	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.04	25.37	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.15	25.48	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.84	24.17	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.02	25.35	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.22	24.55	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.45	24.78	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.34	23.67	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.23	22.56	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.91	23.24	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.97	23.3	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.66	21.99	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.18	23.51	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.16	23.49	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.29	23.62	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.15	22.48	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.53	23.86	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.33	22.66	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.49	22.82	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.66	21.99	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	5.08	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.12	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.76	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.96	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.04	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.72	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.74	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.70	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.72	13	PASS



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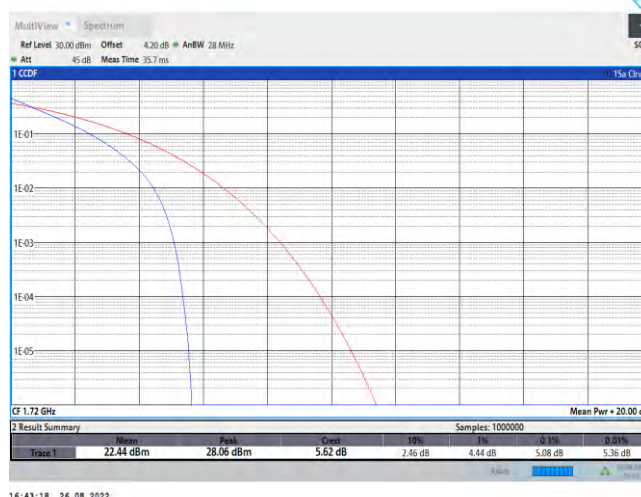
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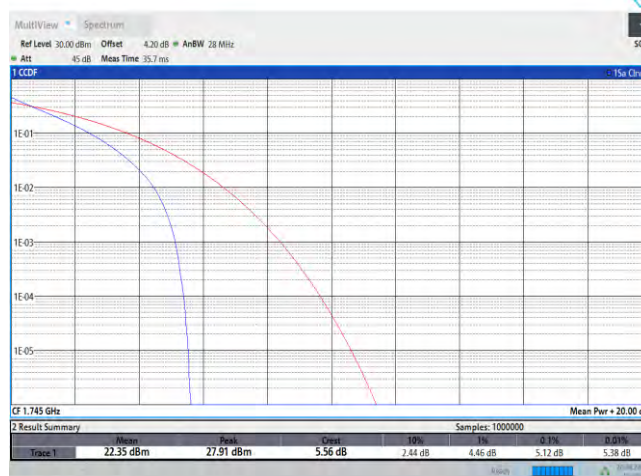
Test Graphs

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



16:43:18 26.08.2022

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



16:44:07 26.08.2022



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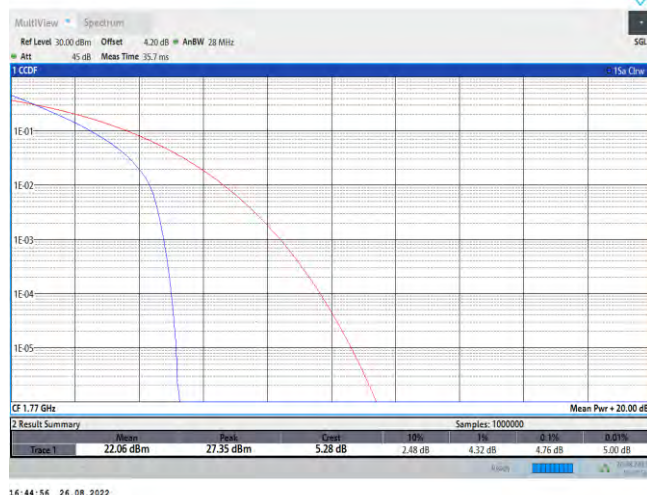
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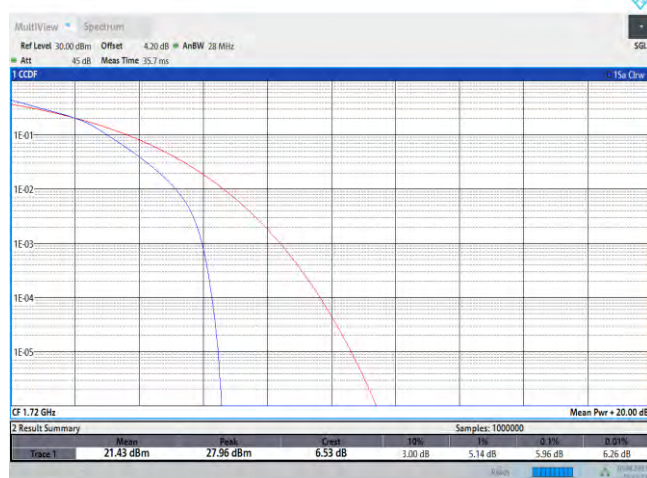
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Band66-20MHz-QPSK-132572-100RB#0



16:44:56 26.08.2022

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



16:43:34 26.08.2022



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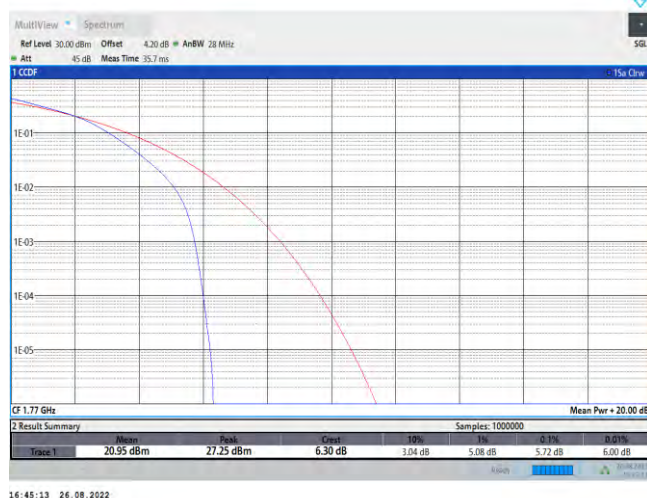
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Band66-20MHz-16QAM-132322-100RB#0



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



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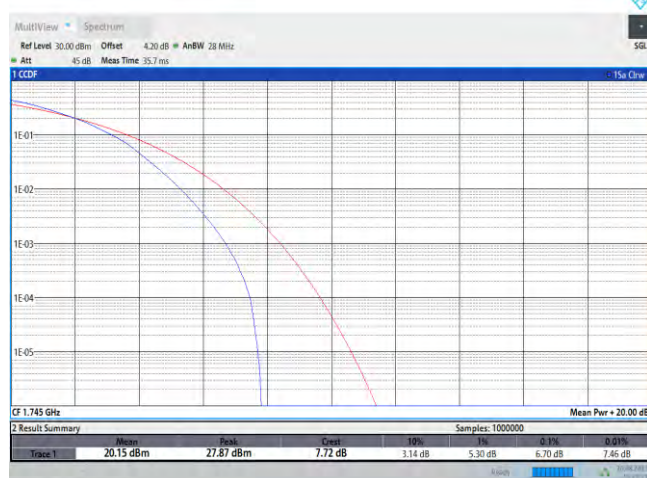
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Band66-20MHz-64QAM-132322-100RB#0



16:44:40 26.08.2022



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Modulation Characteristics

Test Result

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



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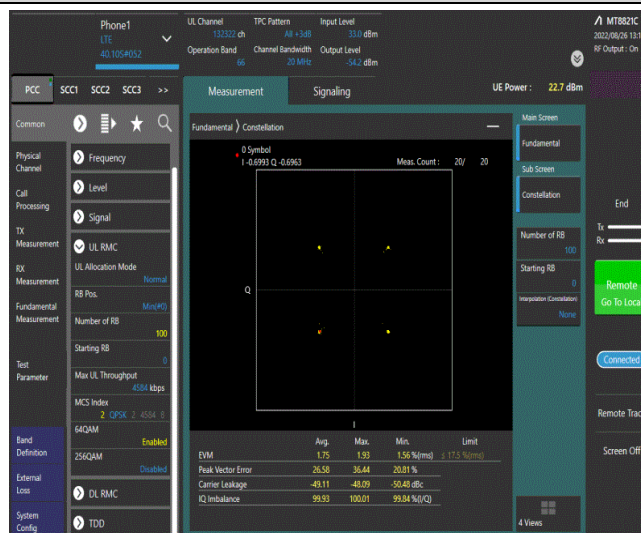
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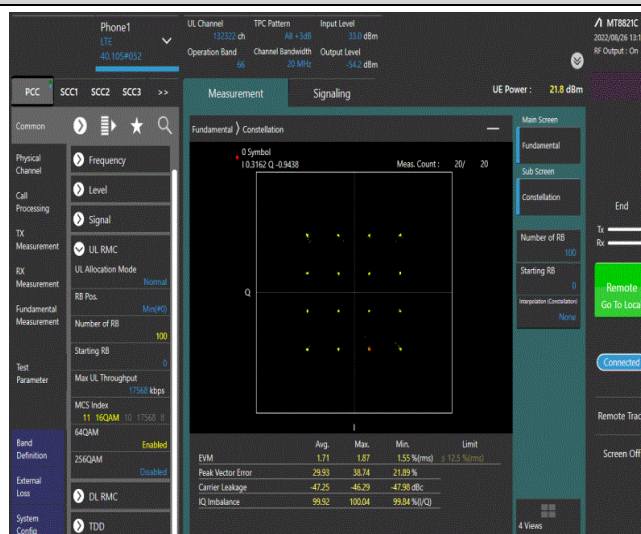
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Test Graphs

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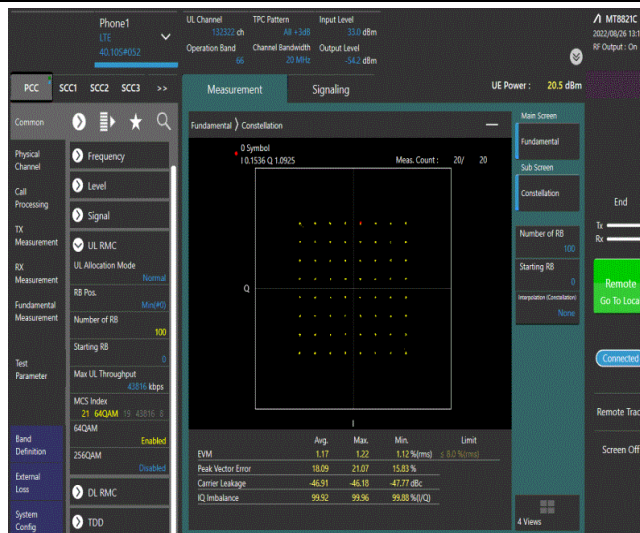
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Band66-20MHz-64QAM-132322-100RB#0



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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	1.084	1.23	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.084	1.23	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	1.091	1.24	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.093	1.24	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.09	1.24	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.09	1.24	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.091	1.24	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.689	2.96	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.692	2.96	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.692	2.99	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.688	2.99	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.686	3.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.687	2.99	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.689	2.97	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.687	2.98	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.689	2.96	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.468	4.88	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.469	4.89	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.468	4.87	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.468	4.88	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.468	4.89	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.471	4.92	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.478	4.90	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.475	4.89	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.479	4.90	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.915	9.66	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.924	9.66	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.922	9.66	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.909	9.62	PASS



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Band66	10MHz	16QAM	132322	50RB#0	8.909	9.60	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.912	9.60	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.917	9.64	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.928	9.64	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.925	9.64	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.462	14.70	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.45	14.67	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.474	14.79	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.447	14.70	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.443	14.73	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.448	14.73	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.431	14.76	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.417	14.76	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.441	14.67	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.91	19.36	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.889	19.44	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.881	19.52	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.884	19.60	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.853	19.44	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.871	19.32	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.865	19.36	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.883	19.44	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.855	19.48	PASS



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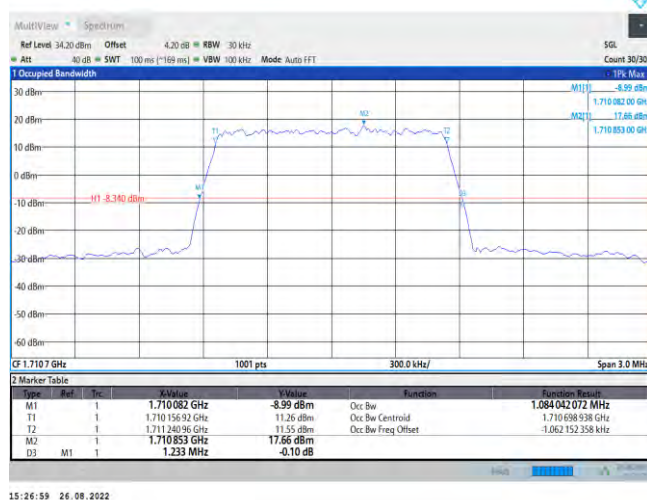
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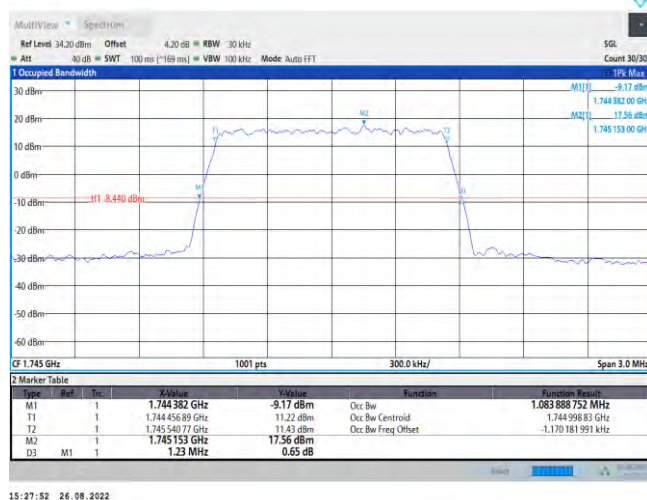
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Test Graphs

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



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



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15:28:44 26.08.2022

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



15:27:16 26.08.2022



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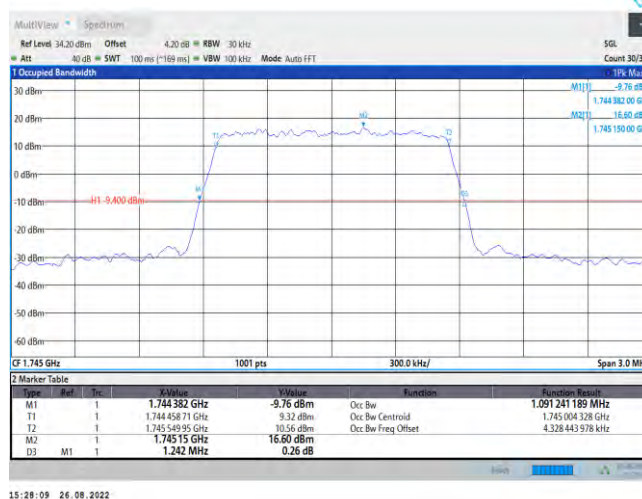
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Band66-1.4MHz-16QAM-132665-6RB#0



15:29:01 26.08.2022



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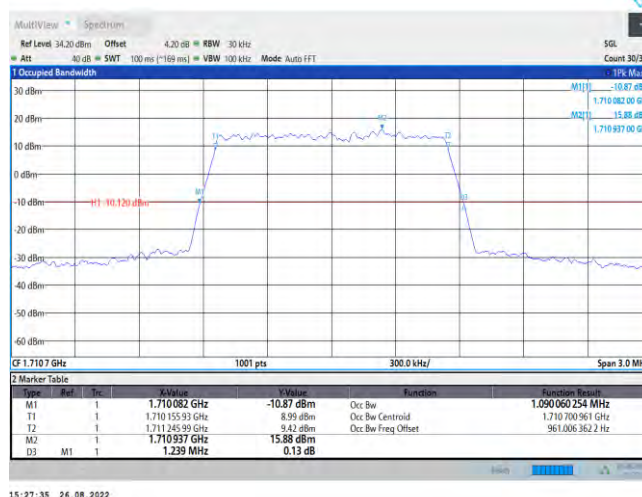
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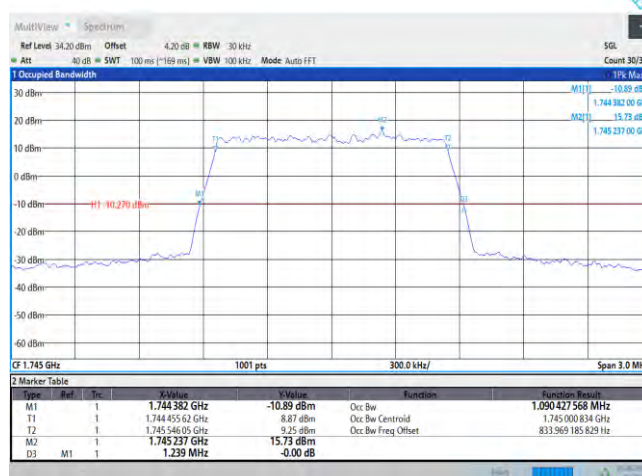
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Band66-1.4MHz-64QAM-131979-6RB#0



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



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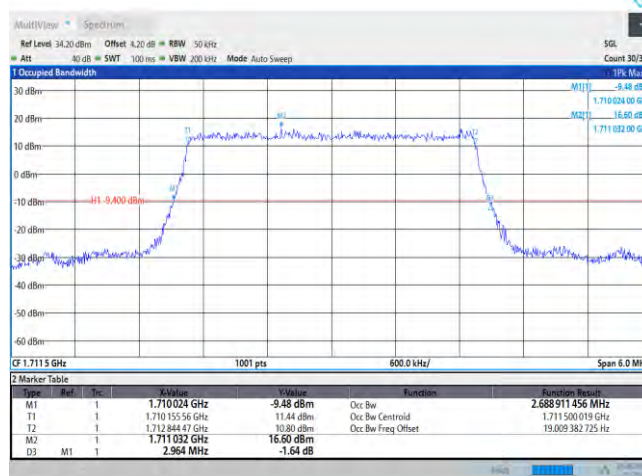
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Band66-3MHz-QPSK-131987-15RB#0



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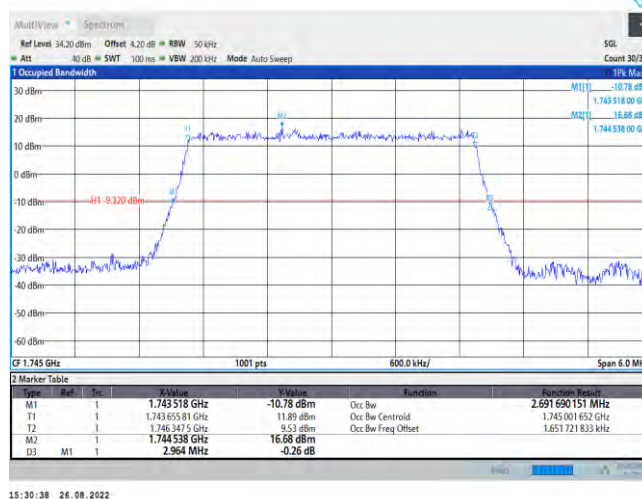
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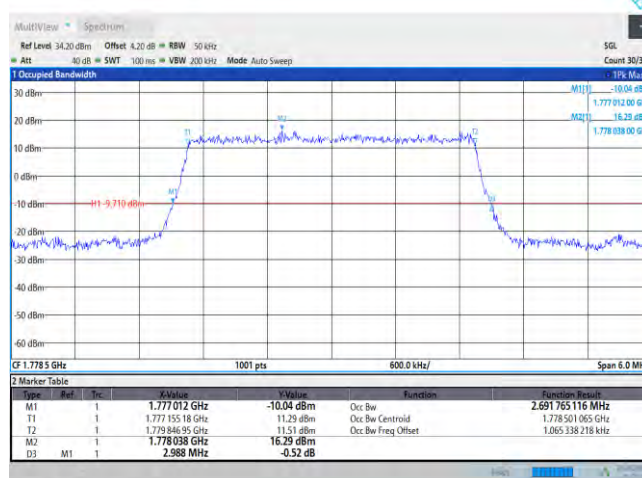
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Band66-3MHz-QPSK-132322-15RB#0



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



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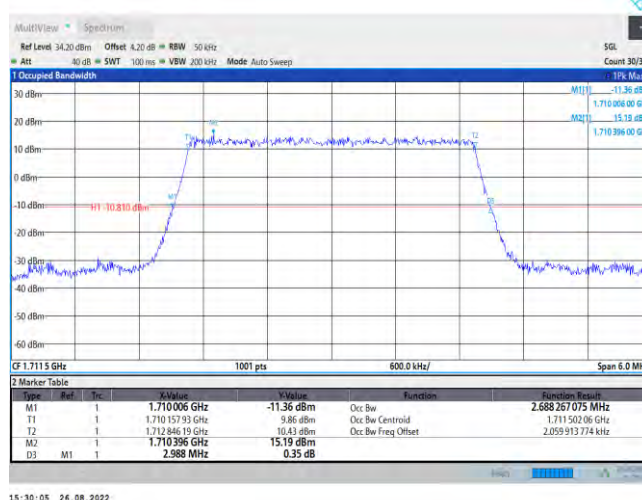
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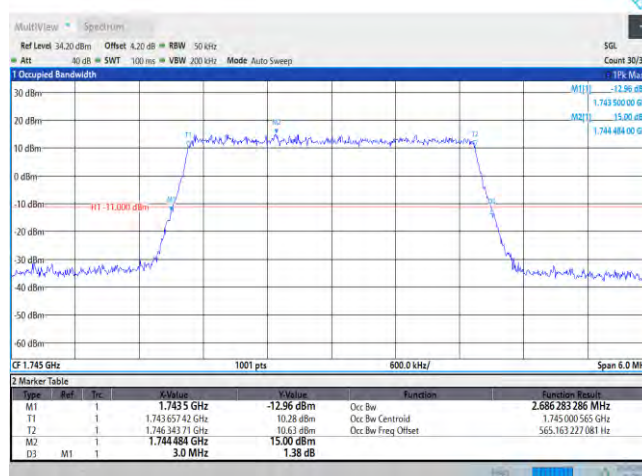
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Band66-3MHz-16QAM-131987-15RB#0



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



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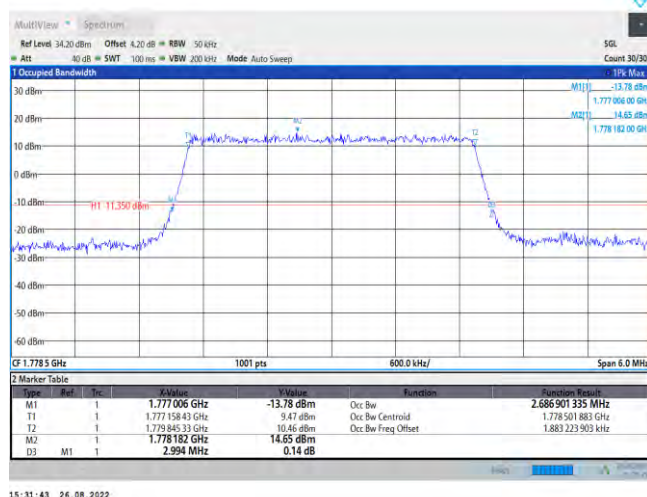
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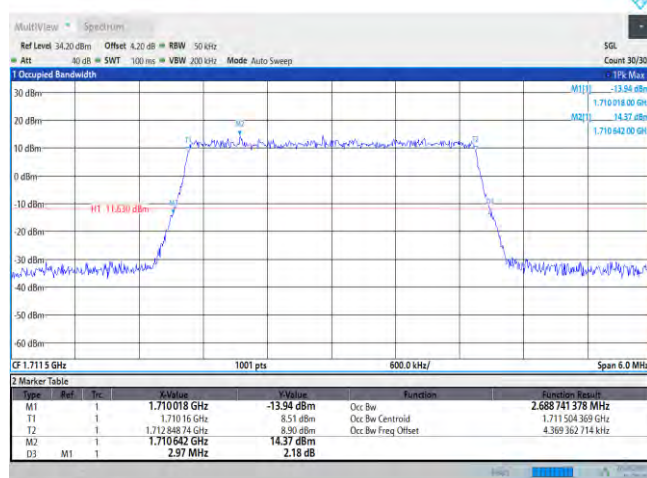
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Band66-3MHz-16QAM-132657-15RB#0



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



15:30:21 26.08.2022



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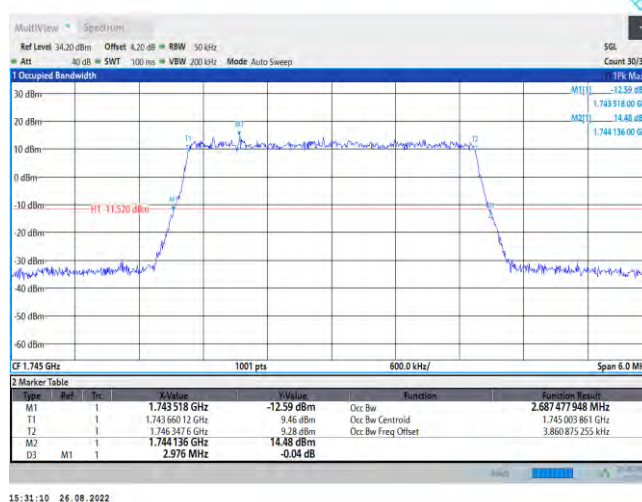
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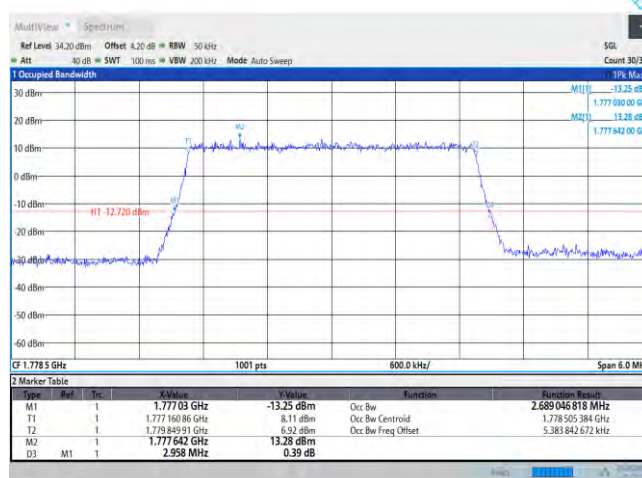
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15:31:10 26.08.2022

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



15:31:59 26.08.2022



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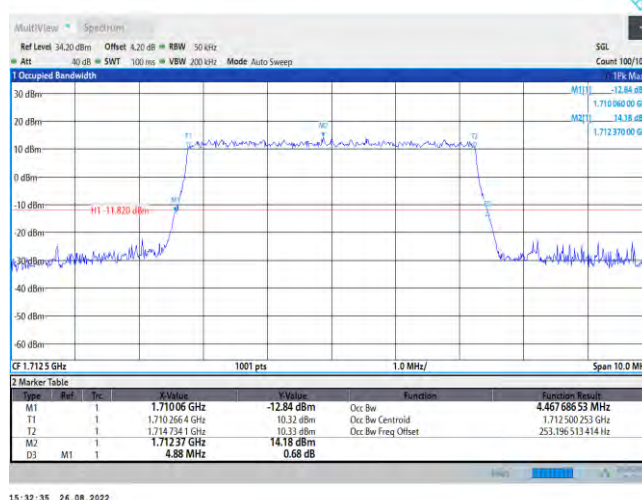
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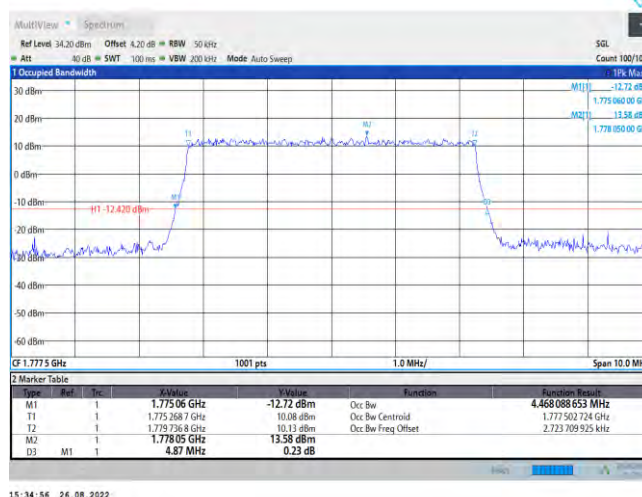
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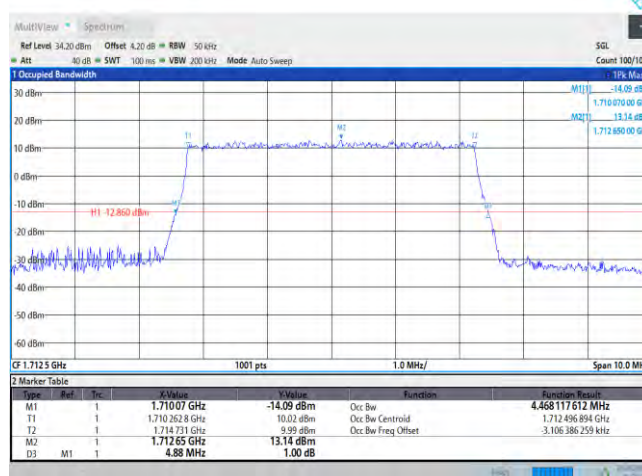
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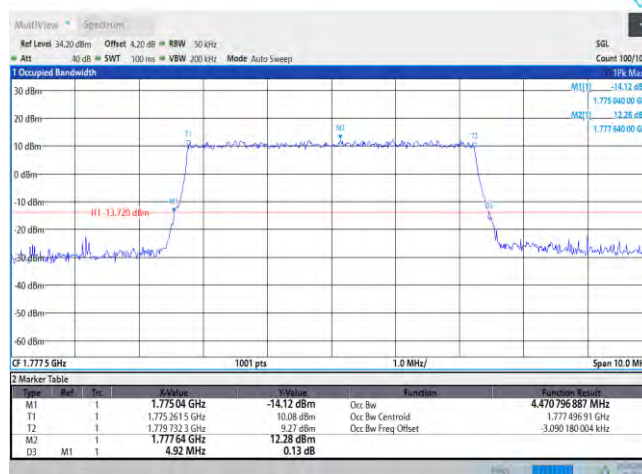
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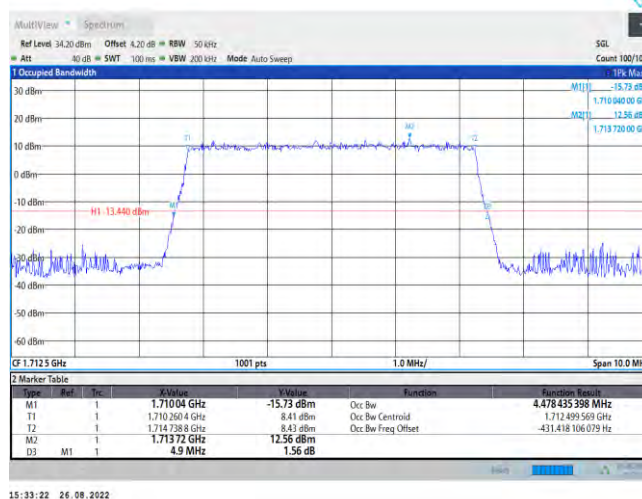
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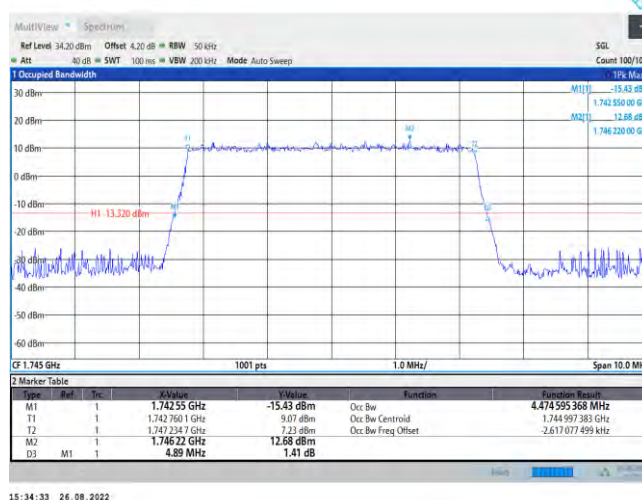
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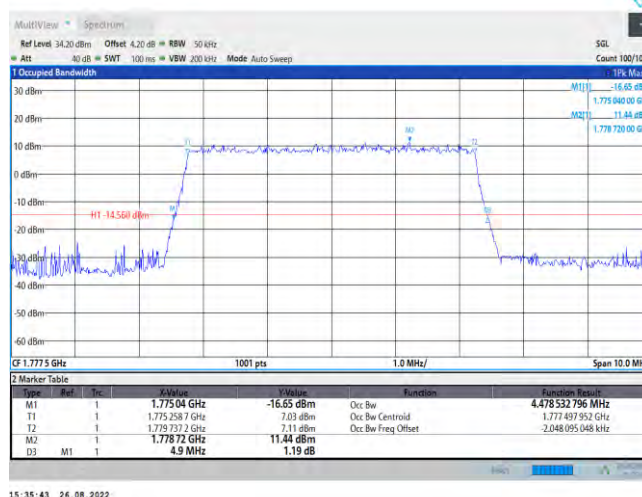
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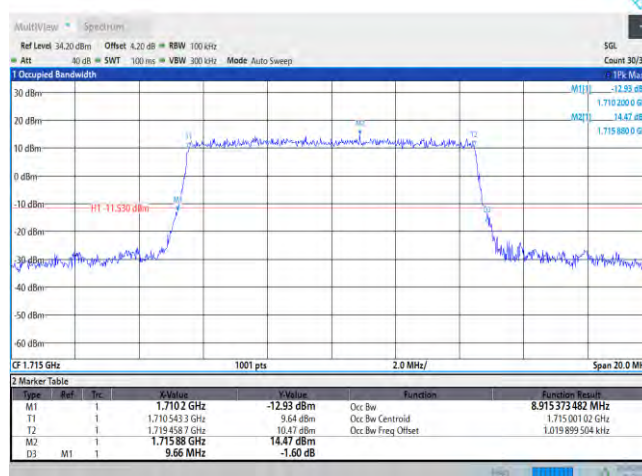
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Band66-10MHz-QPSK-132022-50RB#0



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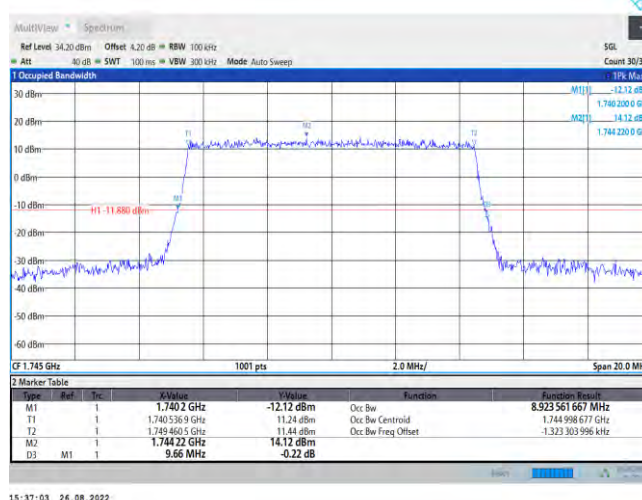
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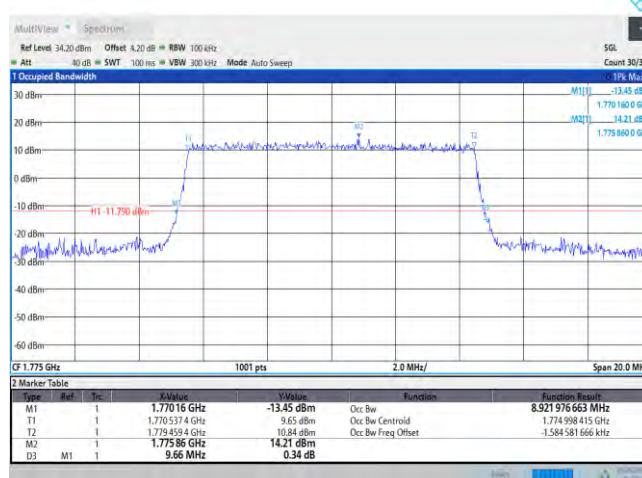
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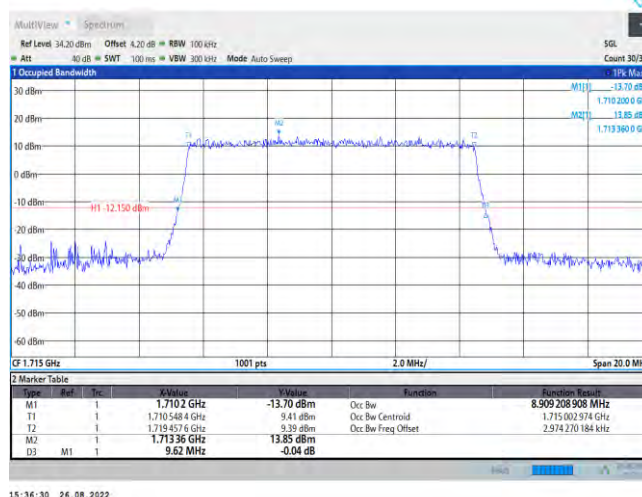
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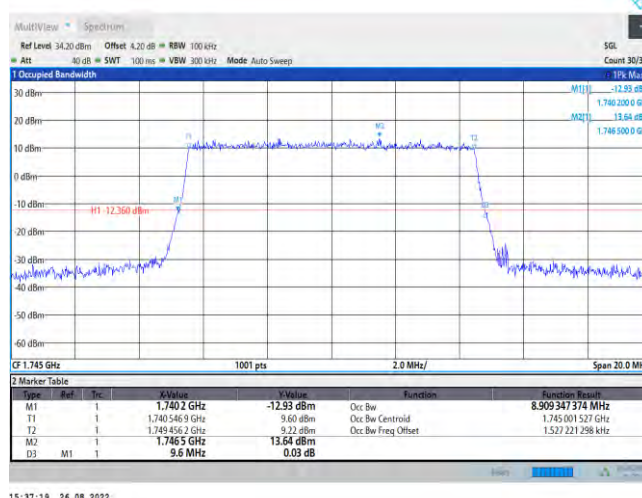
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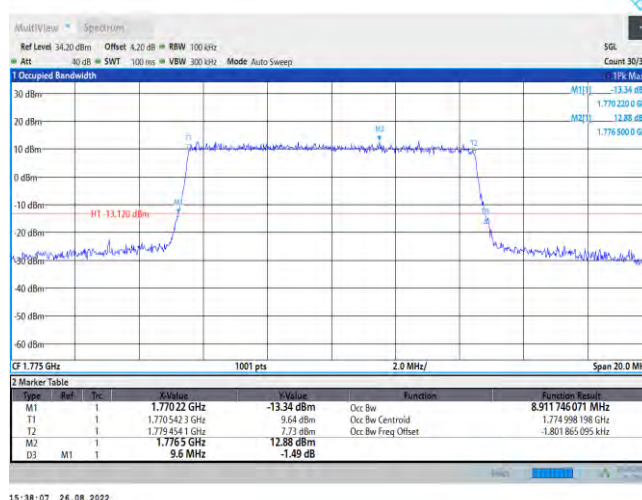
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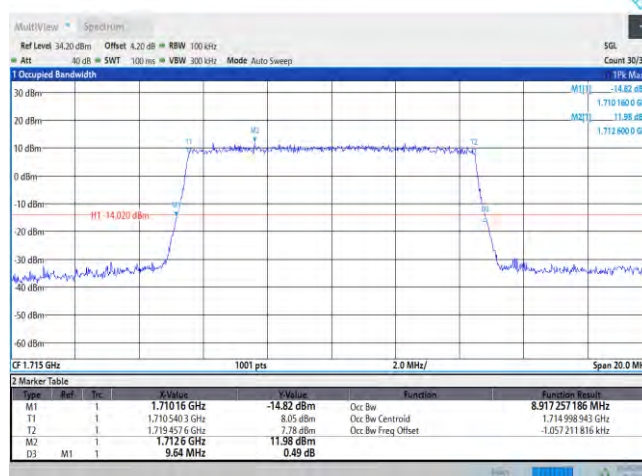
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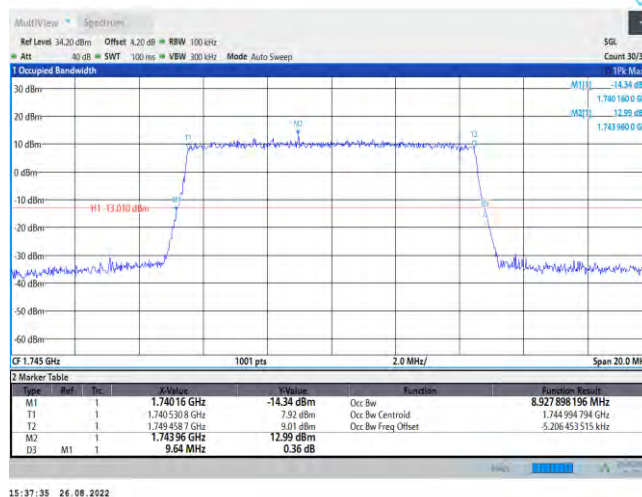
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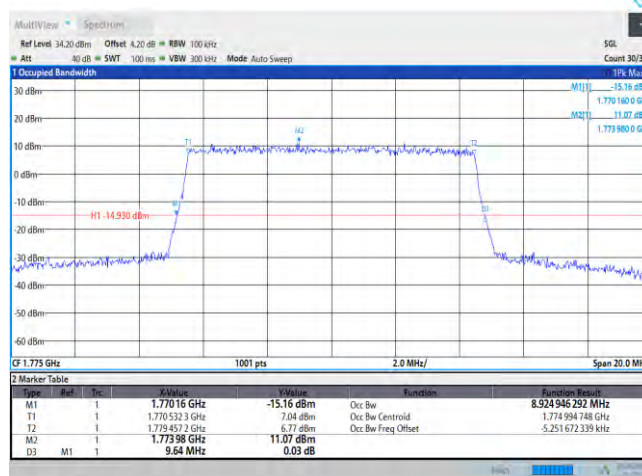
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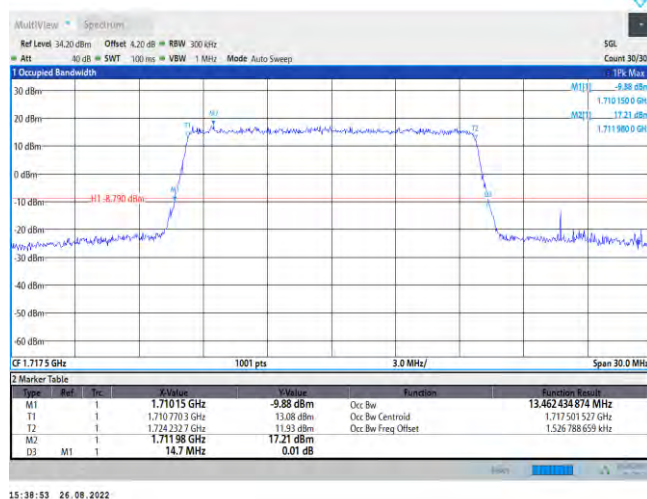
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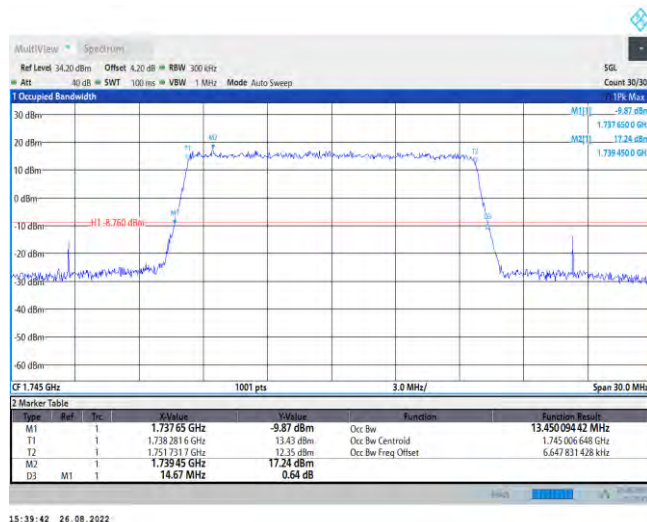
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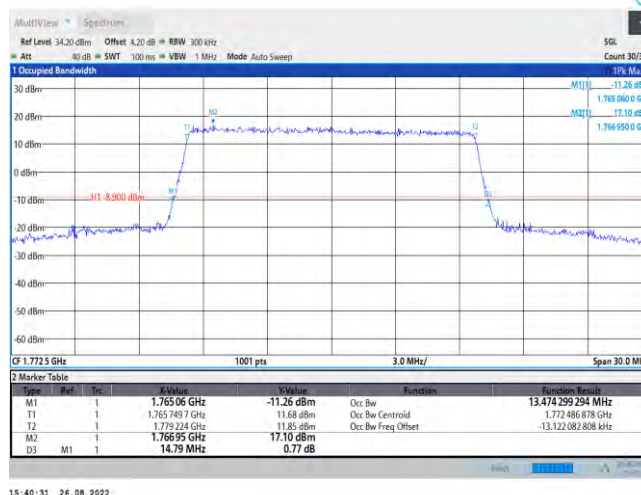
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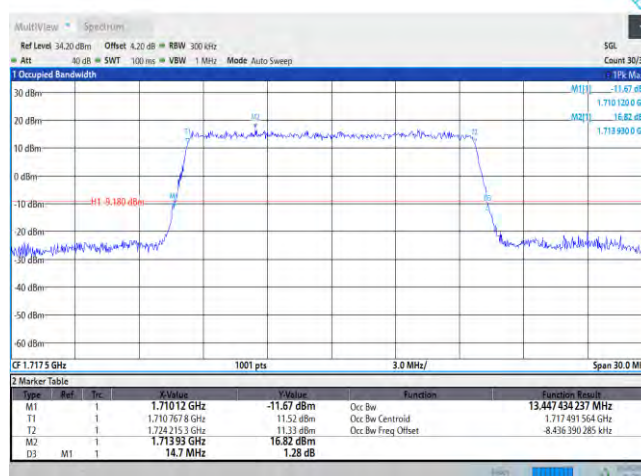
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Band66-15MHz-QPSK-132597-75RB#0



15:40:31 26.08.2022

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



15:39:09 26.08.2022



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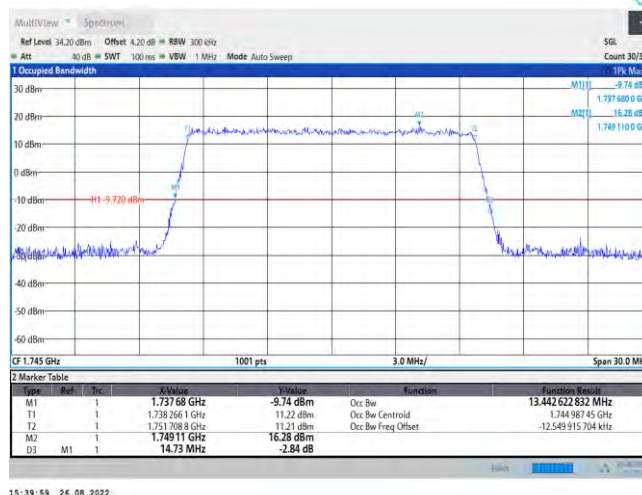
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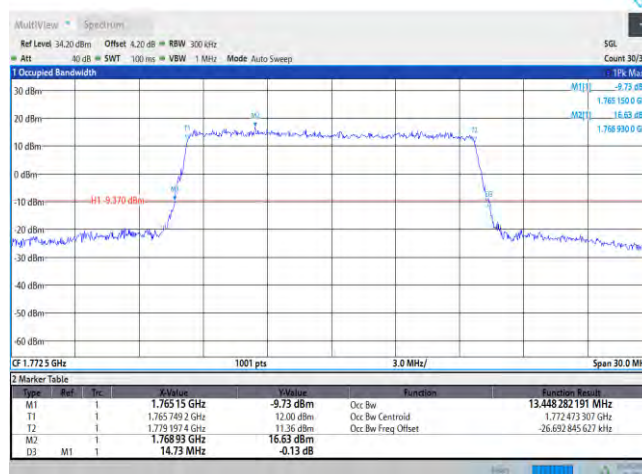
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Band66-15MHz-16QAM-132322-75RB#0



15:39:59 26.08.2022

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



15:40:48 26.08.2022



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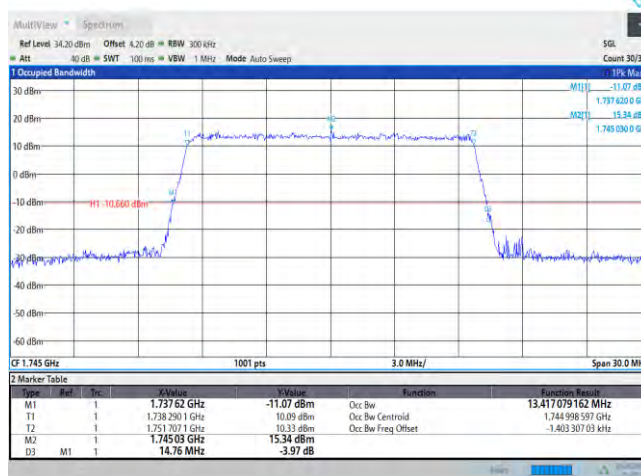
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Band66-15MHz-64QAM-132047-75RB#0



15:39:26 26.08.2022

Band66-15MHz-64QAM-132322-75RB#0



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15:41:04 26.08.2022

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



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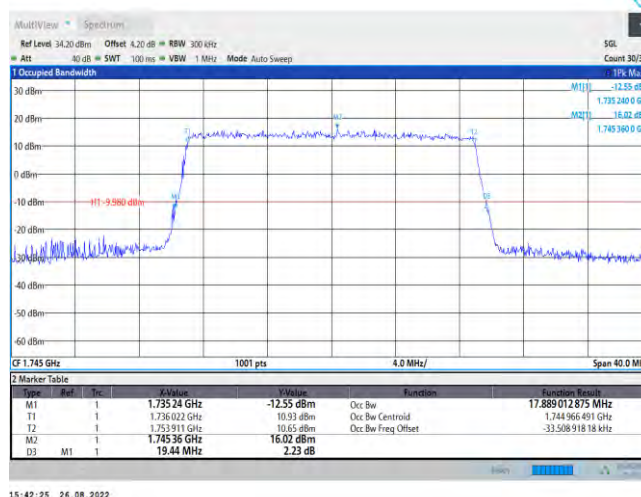
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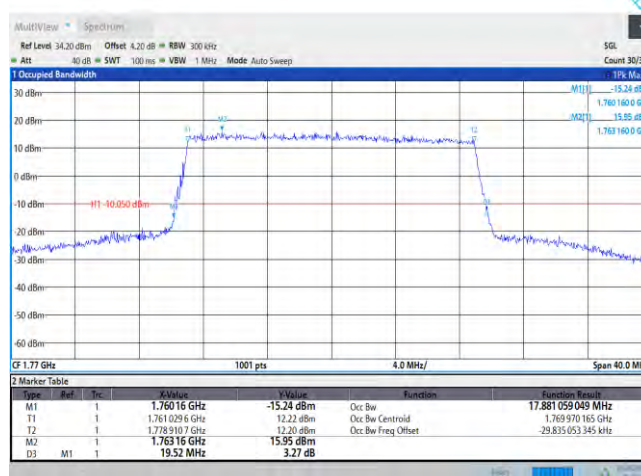
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Band66-20MHz-QPSK-132322-100RB#0



15:42:25 26.08.2022

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



15:43:14 26.08.2022



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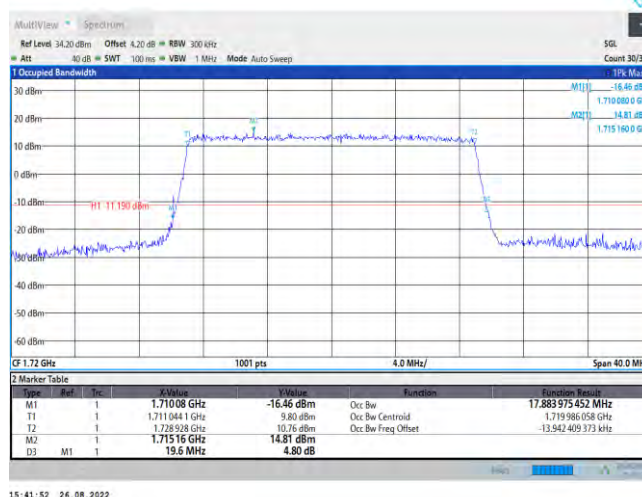
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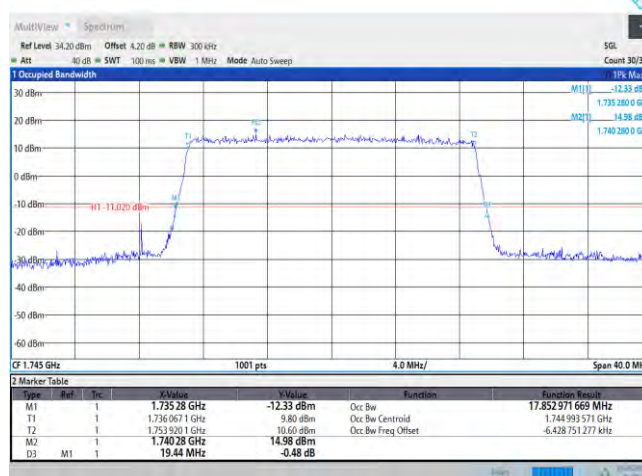
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Band66-20MHz-16QAM-132072-100RB#0



15:41:52 26.08.2022

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



15:42:41 26.08.2022



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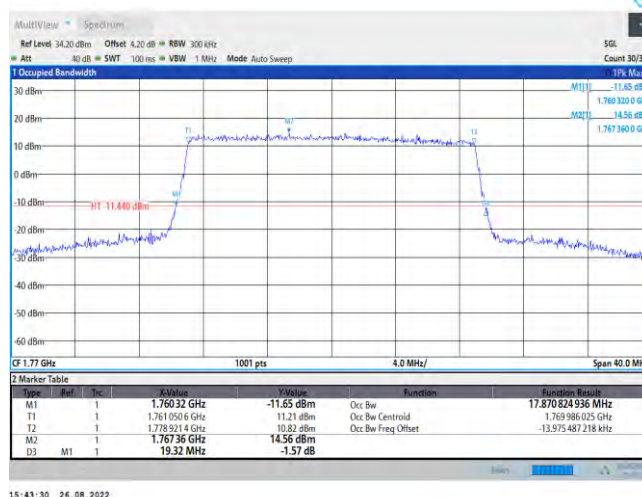
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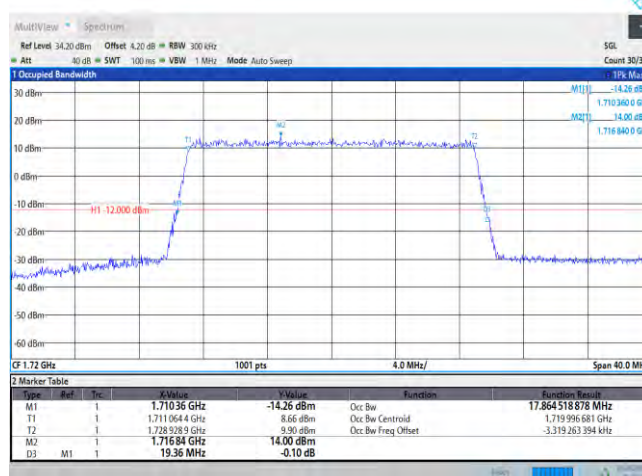
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15:43:30 26.08.2022

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



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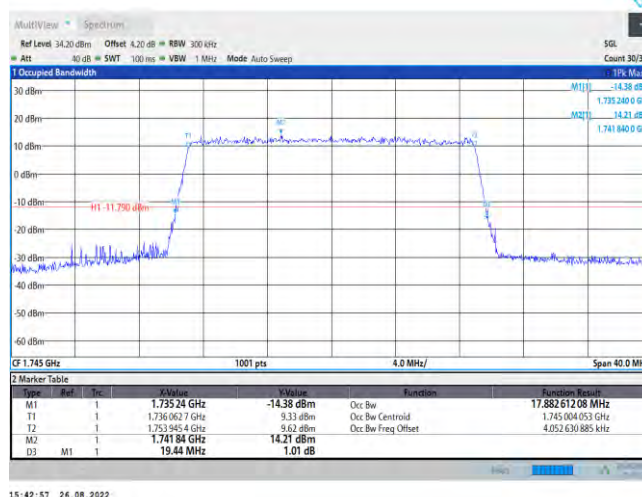
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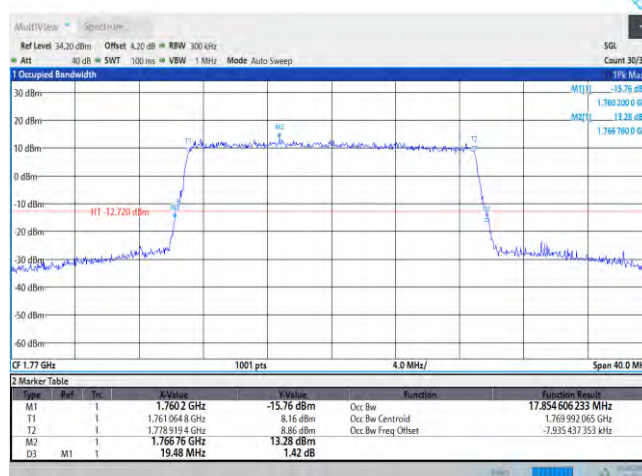
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Band66-20MHz-64QAM-132572-100RB#0



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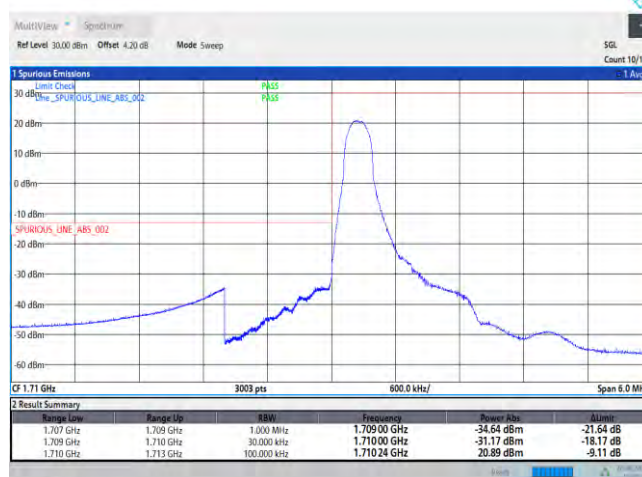
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Band Edge

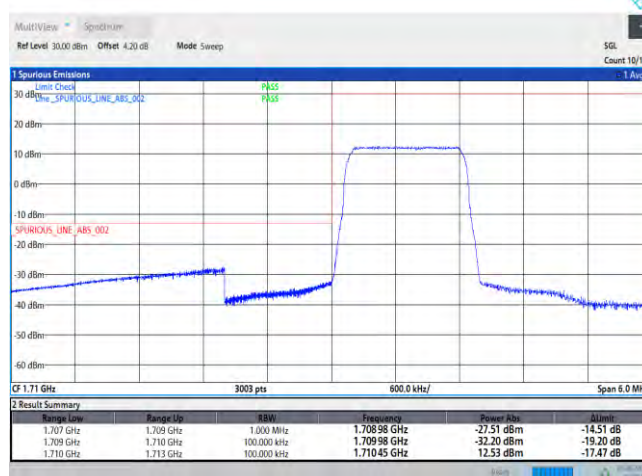
Test Graphs

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



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



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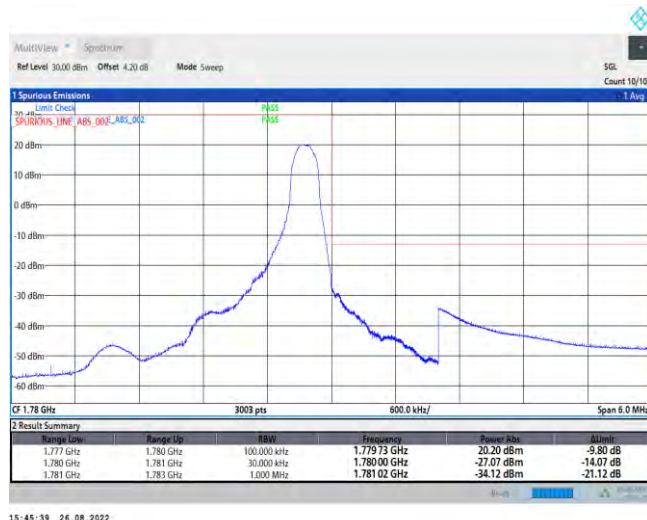
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Band66-1.4MHz-QPSK-132665-1RB#5



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



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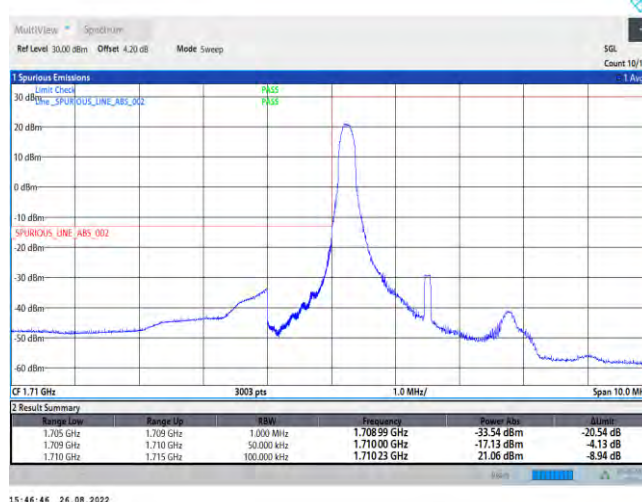
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Band66-3MHz-QPSK-131987-1RB#0



15:46:46 26.08.2022

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



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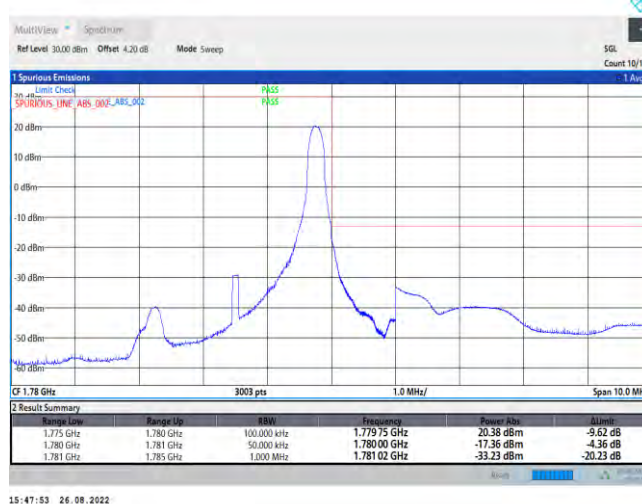
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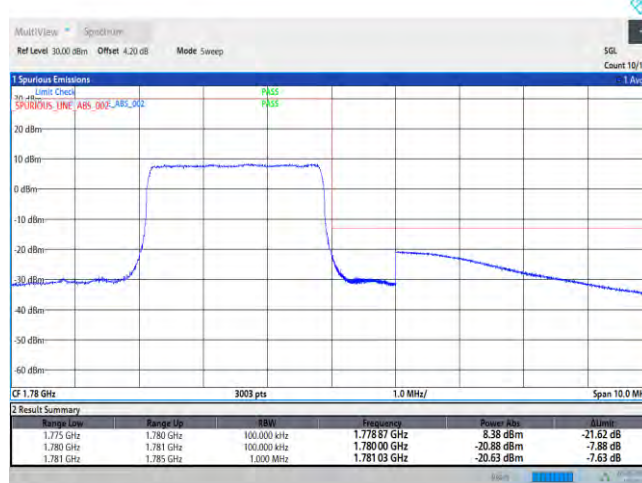
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Band66-3MHz-QPSK-132657-1RB#14



15:47:53 26.08.2022

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



15:48:16 26.08.2022



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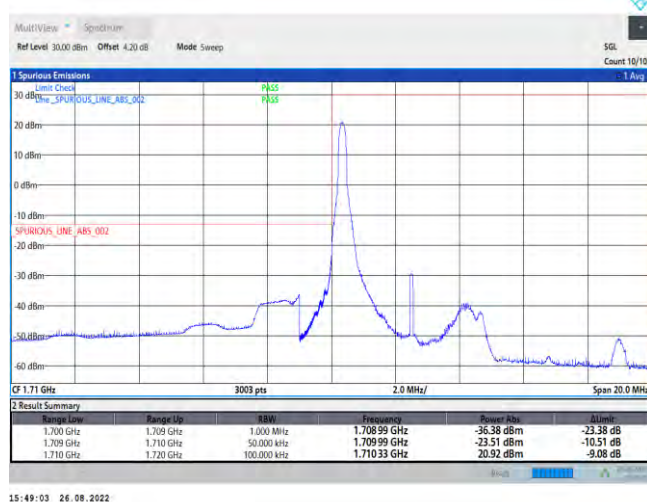
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Band66-5MHz-QPSK-131997-1RB#0



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



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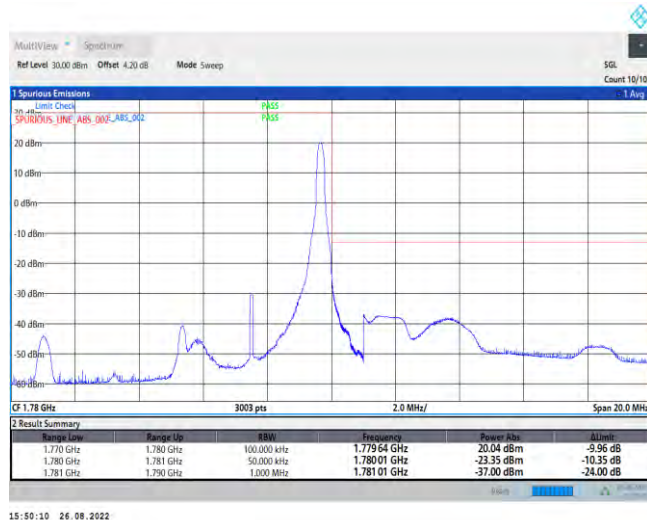
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Band66-5MHz-QPSK-132647-1RB#24



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



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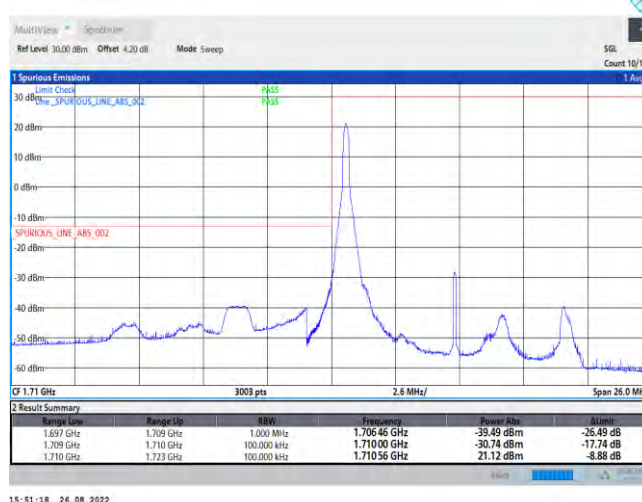
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Band66-10MHz-QPSK-132022-1RB#0



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



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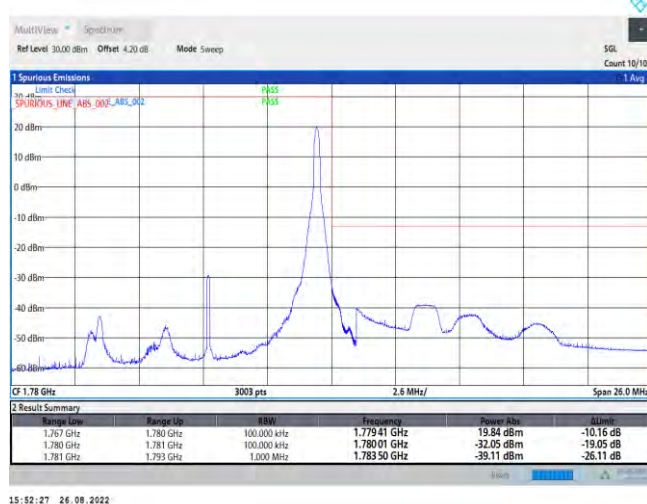
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Band66-10MHz-QPSK-132622-1RB#49



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



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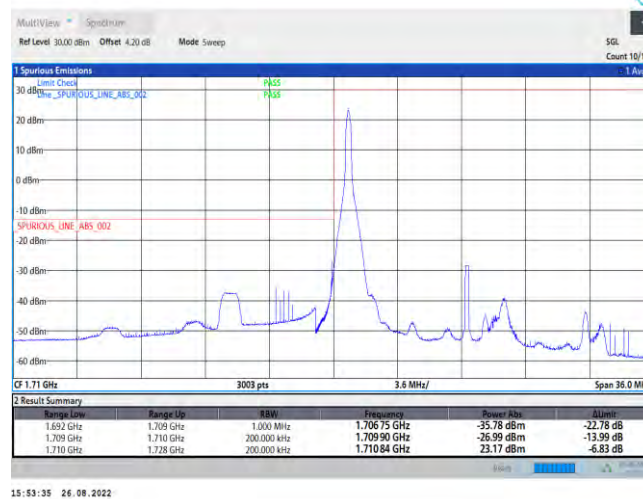
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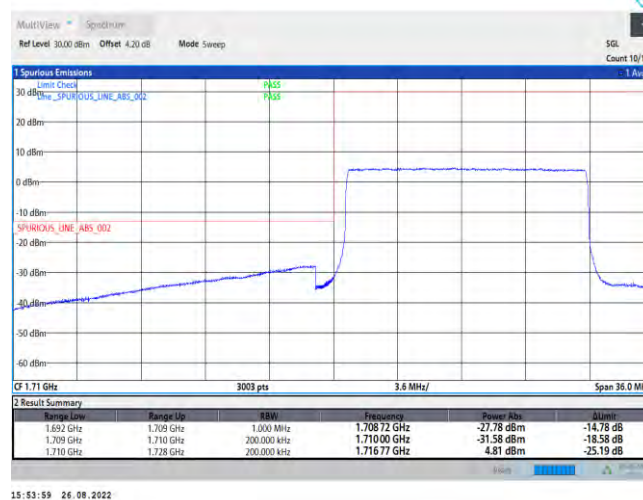
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Band66-15MHz-QPSK-132047-1RB#0



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



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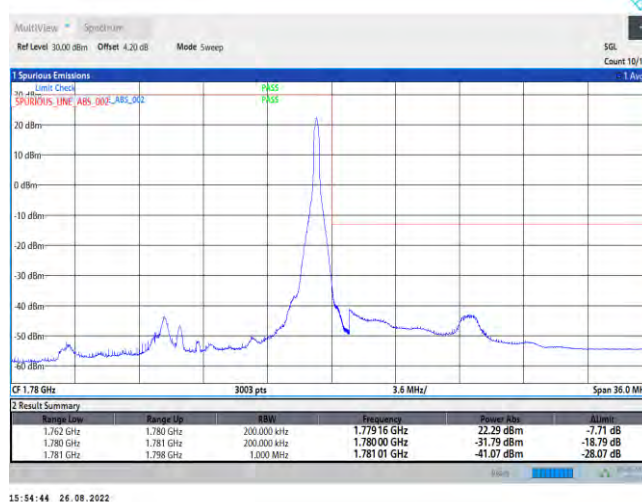
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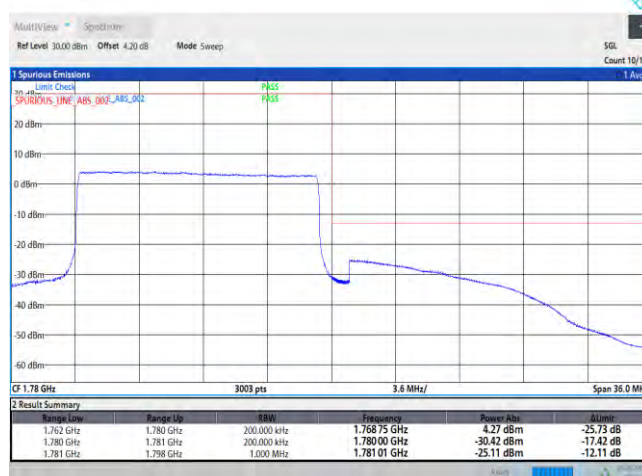
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Band66-15MHz-QPSK-132597-1RB#74



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



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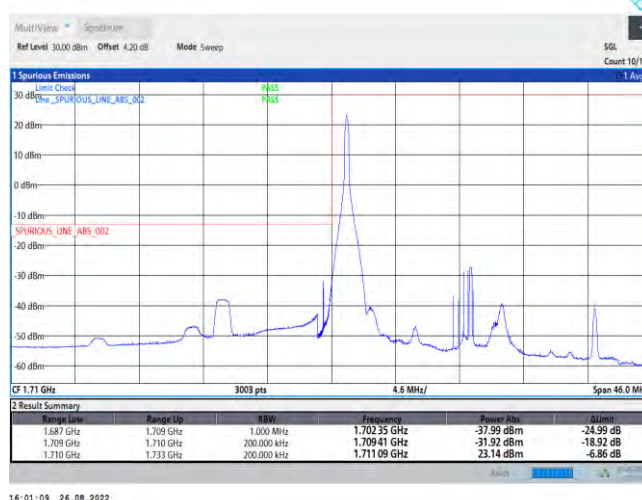
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Band66-20MHz-QPSK-132072-1RB#0



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



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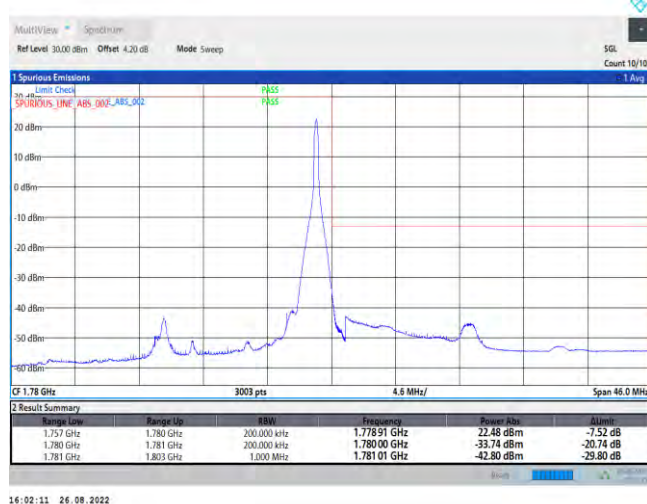
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Band66-20MHz-QPSK-132572-1RB#99



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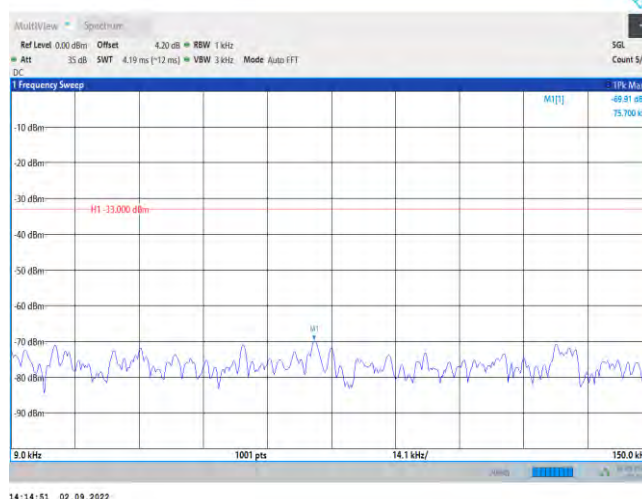
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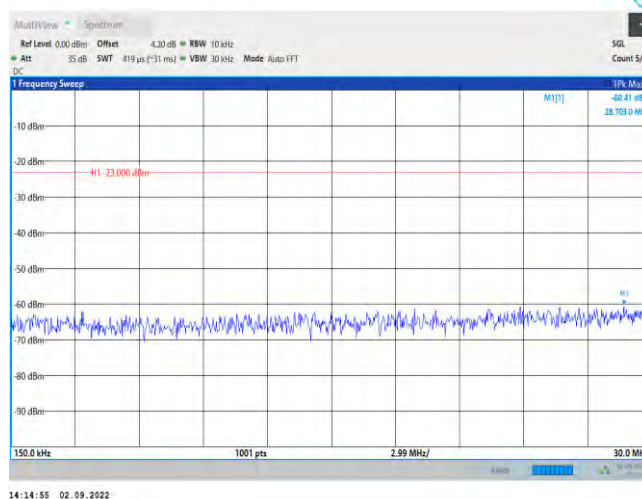
Conducted Spurious Emission

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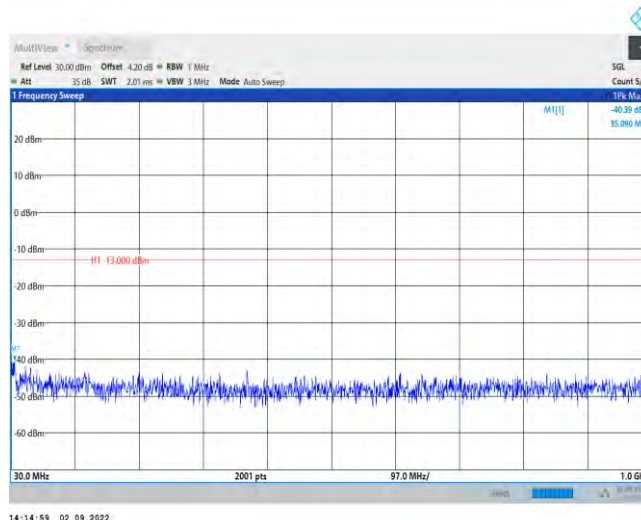
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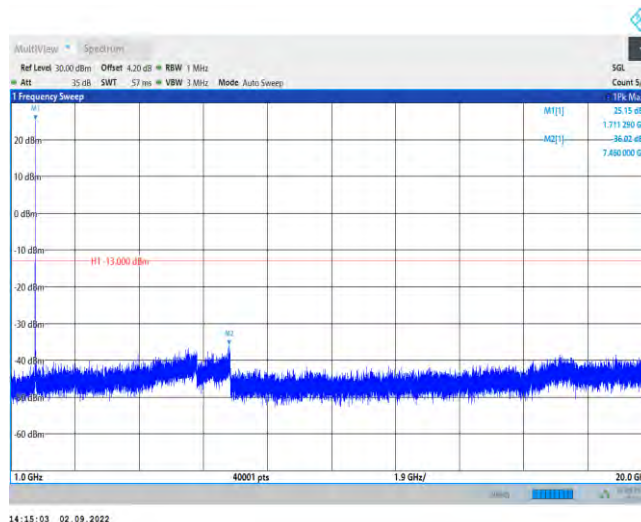
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Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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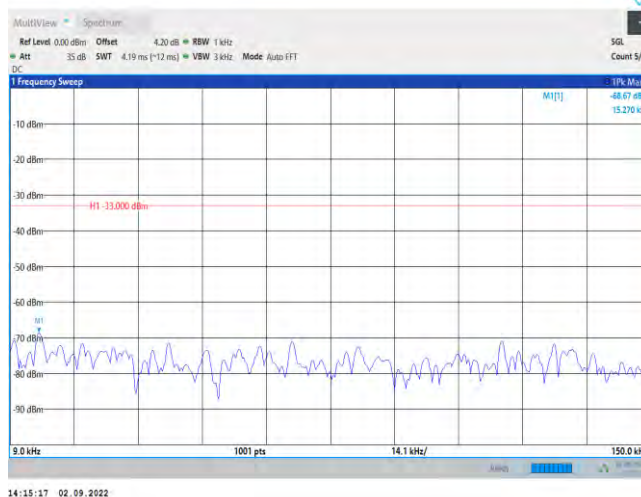
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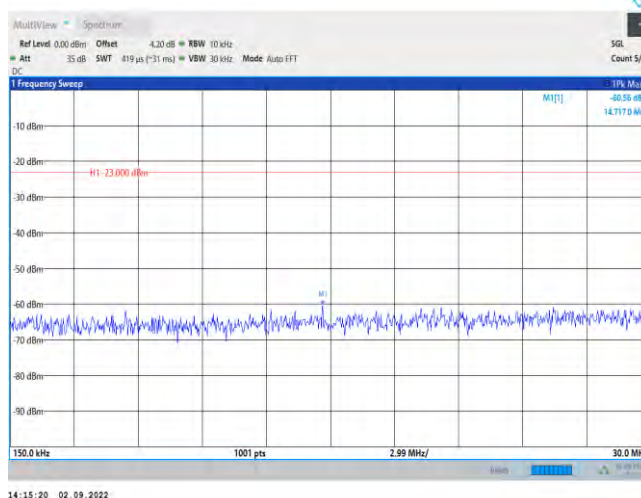
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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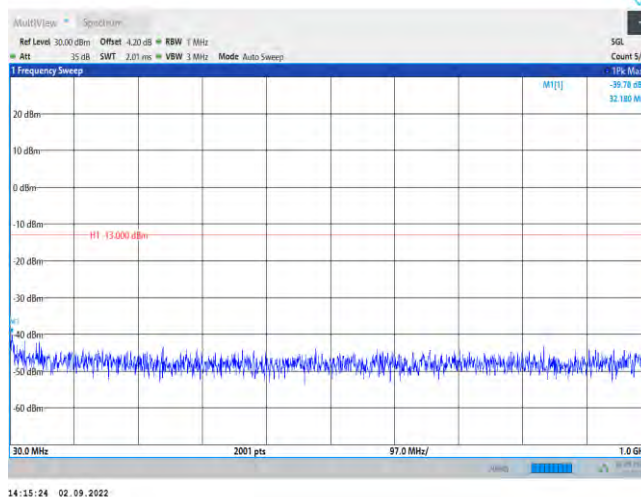
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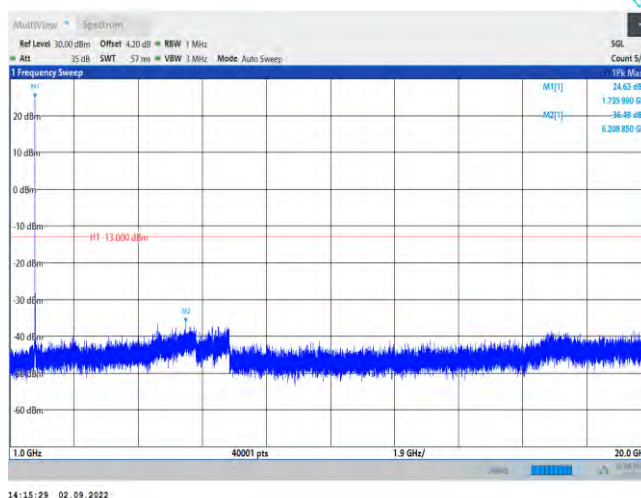
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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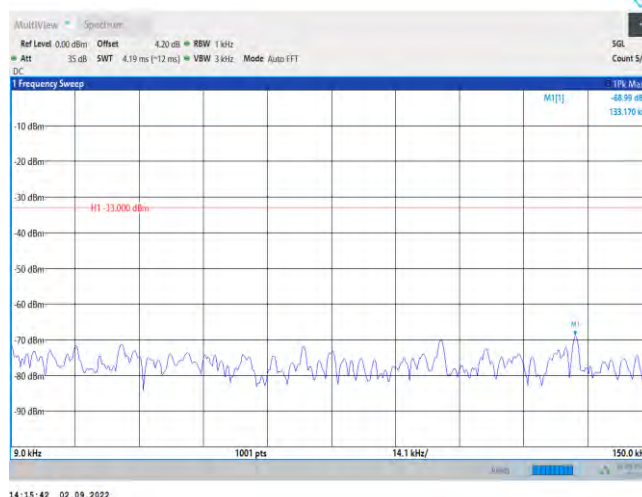
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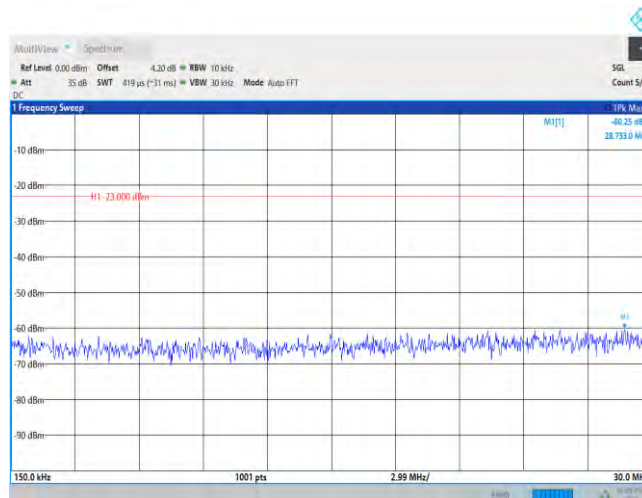
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



14:15:42 02.09.2022

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



14:15:46 02.09.2022



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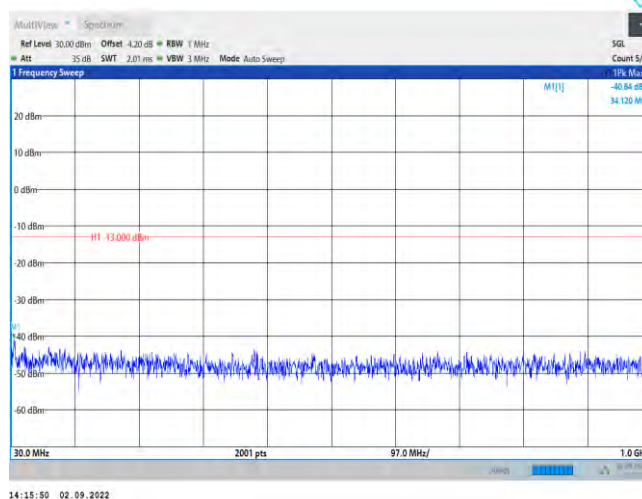
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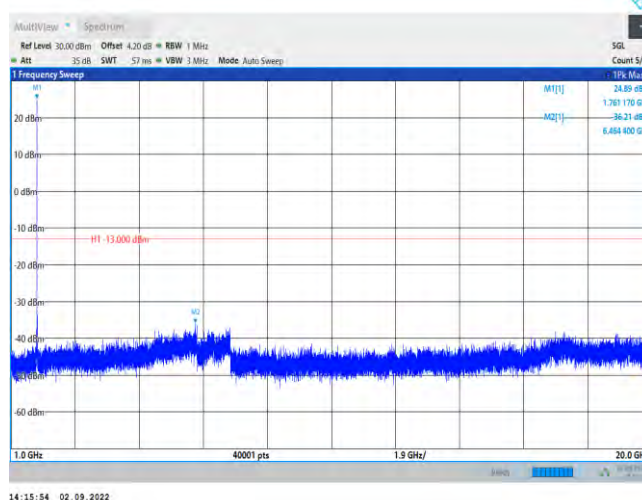
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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	50.66	-45.92	29.44	-61.08	-13.00	48.08	146	301	Horizontal
2	5106.27	52.30	-44.28	32.60	-54.64	-13.00	41.64	265	3	Horizontal
3	6808.36	48.84	-42.55	35.82	-53.15	-13.00	40.15	284	114	Horizontal
4	8510.45	46.29	-39.54	38.06	-50.45	-13.00	37.45	172	139	Horizontal
5	10212.54	43.90	-36.59	38.73	-49.21	-13.00	36.21	233	126	Horizontal
6	11914.63	43.48	-35.10	38.68	-48.20	-13.00	35.20	265	89	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	3404.18	50.94	-45.92	29.44	-60.80	-13.00	47.80	142	201	Vertical
2	5106.27	50.75	-44.28	32.60	-56.19	-13.00	43.19	265	274	Vertical
3	6808.36	49.56	-42.55	35.82	-52.43	-13.00	39.43	284	15	Vertical
4	8510.45	45.17	-39.54	38.06	-51.57	-13.00	38.57	144	39	Vertical
5	10212.54	43.41	-36.59	38.73	-49.70	-13.00	36.70	265	139	Vertical
6	11914.63	42.65	-35.10	38.68	-49.03	-13.00	36.03	201	274	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	50.73	-45.80	29.42	-60.91	-13.00	47.91	142	309	Horizontal
2	5181.27	51.25	-44.18	32.60	-55.59	-13.00	42.59	265	334	Horizontal
3	6908.36	48.62	-42.44	36.02	-53.07	-13.00	40.07	283	175	Horizontal
4	8635.45	47.30	-39.66	38.20	-49.42	-13.00	36.42	201	26	Horizontal
5	10362.54	42.31	-36.60	38.90	-50.66	-13.00	37.66	196	38	Horizontal
6	12089.63	42.58	-35.20	38.69	-49.19	-13.00	36.19	236	38	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	51.57	-45.80	29.42	-60.07	-13.00	47.07	241	75	Vertical
2	5181.27	48.82	-44.18	32.60	-58.02	-13.00	45.02	175	100	Vertical
3	6908.36	48.52	-42.44	36.02	-53.17	-13.00	40.17	265	200	Vertical
4	8635.45	46.22	-39.66	38.20	-50.50	-13.00	37.50	285	360	Vertical
5	10362.54	43.21	-36.60	38.90	-49.76	-13.00	36.76	263	187	Vertical
6	12089.63	42.22	-35.20	38.69	-49.55	-13.00	36.55	201	360	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	50.07	-45.67	29.41	-61.45	-13.00	48.45	269	345	Horizontal
2	5256.27	50.83	-44.07	32.60	-55.90	-13.00	42.90	142	149	Horizontal
3	7008.36	49.65	-42.58	36.21	-51.98	-13.00	38.98	256	308	Horizontal
4	8760.45	47.01	-39.21	38.34	-49.13	-13.00	36.13	233	297	Horizontal
5	10512.54	43.52	-36.36	39.06	-49.04	-13.00	36.04	201	162	Horizontal
6	12262.63	41.43	-35.13	38.86	-50.10	-13.00	37.10	142	162	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	49.51	-45.67	29.41	-62.01	-13.00	49.01	256	248	Vertical
2	5256.27	51.07	-44.07	32.60	-55.66	-13.00	42.66	241	323	Vertical
3	7008.36	47.81	-42.58	36.21	-53.82	-13.00	40.82	178	323	Vertical
4	8760.45	46.45	-39.21	38.34	-49.69	-13.00	36.69	263	0	Vertical
5	10512.54	44.50	-36.36	39.06	-48.06	-13.00	35.06	255	272	Vertical
6	12262.63	42.10	-35.13	38.86	-49.43	-13.00	36.43	195	2	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	0.90	0.000516	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-1.70	-0.000974	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	3.30	0.001891	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-5.50	-0.003152	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-8.40	-0.004814	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-5.30	-0.003037	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-0.60	-0.000344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-7.80	-0.004470	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-5.90	-0.003381	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	7.50	0.004298	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	2.40	0.001375	PASS

 $|\text{MAX}(\Delta f)| = 8.4\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	1710.562354	$\geq 1710\text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	1779.456982	$\leq 1780\text{ MHz}$	

---End of Attachment---



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