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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	22.85	22.45	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	22.98	22.58	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	22.89	22.49	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.02	21.62	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	22.88	22.48	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	22.97	22.57	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	22.88	22.48	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.02	21.62	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.73	22.33	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.89	22.49	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.76	22.36	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	21.95	21.55	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.15	21.75	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.25	21.85	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.14	21.74	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.11	20.71	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.06	21.66	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.27	21.87	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.19	21.79	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.11	20.71	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.99	21.59	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.11	21.71	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.95	21.55	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.94	20.54	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	20.48	20.08	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	20.56	20.16	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	20.42	20.02	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	19.38	18.98	30	PASS



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Band66	1.4MHz	64QAM	132322	1RB#0	20.65	20.25	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	20.78	20.38	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	20.59	20.19	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	19.49	19.09	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	20.61	20.21	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	20.67	20.27	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	20.56	20.16	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	19.59	19.19	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	22.96	22.56	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	22.96	22.56	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	22.99	22.59	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.05	21.65	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	22.99	22.59	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	22.96	22.56	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	22.96	22.56	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.04	21.64	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.87	22.47	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.84	22.44	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.44	22.04	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.47	21.07	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.27	21.87	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.24	21.84	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.27	21.87	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.04	20.64	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.18	21.78	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.19	21.79	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.21	21.81	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.05	20.65	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.03	21.63	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.81	21.41	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.55	21.15	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.45	20.05	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	20.52	20.12	30	PASS



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Band66	3MHz	64QAM	131987	1RB#8	20.63	20.23	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	20.58	20.18	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	19.47	19.07	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	20.70	20.3	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	20.63	20.23	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	20.70	20.3	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	19.55	19.15	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	20.77	20.37	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	20.66	20.26	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	20.66	20.26	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	19.64	19.24	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	22.85	22.45	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.11	22.71	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.89	22.49	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.07	21.67	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.88	22.48	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.13	22.73	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.85	22.45	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.05	21.65	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.74	22.34	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.52	22.12	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.26	21.86	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	21.46	21.06	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.06	21.66	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.34	21.94	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.13	21.73	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.07	20.67	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.18	21.78	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.29	21.89	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.03	21.63	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.03	20.63	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.60	21.2	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.71	21.31	30	PASS



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Band66	5MHz	16QAM	132647	1RB#24	21.50	21.1	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.46	20.06	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	20.44	20.04	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	20.71	20.31	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	20.45	20.05	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	19.46	19.06	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	20.53	20.13	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	20.79	20.39	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	20.52	20.12	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	19.56	19.16	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	20.69	20.29	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	20.88	20.48	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	20.57	20.17	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	19.45	19.05	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.90	22.5	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.08	22.68	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.99	22.59	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.12	21.72	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.95	22.55	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.07	22.67	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.92	22.52	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.16	21.76	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.53	22.13	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.45	22.05	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.34	21.94	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.53	21.13	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.19	21.79	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.33	21.93	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.27	21.87	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.12	20.72	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.26	21.86	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.26	21.86	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.21	21.81	30	PASS



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Band66	10MHz	16QAM	132622	1RB#0	21.51	21.11	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.65	21.25	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.50	21.1	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.49	20.09	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	20.47	20.07	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	20.68	20.28	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	20.55	20.15	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	19.53	19.13	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	20.62	20.22	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	20.74	20.34	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	20.73	20.33	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	19.64	19.24	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	20.69	20.29	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	20.89	20.49	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	20.60	20.2	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	19.37	18.97	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.80	22.4	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.98	22.58	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.96	22.56	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.08	21.68	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.86	22.46	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.49	22.09	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.37	21.97	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.61	21.21	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.25	21.85	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.39	21.99	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.25	21.85	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.49	21.09	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.08	21.68	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.24	21.84	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.20	21.8	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.06	20.66	30	PASS



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Band66	15MHz	16QAM	132322	1RB#0	21.88	21.48	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.80	21.4	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.71	21.31	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.61	20.21	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.42	21.02	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.65	21.25	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.47	21.07	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.46	20.06	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	20.36	19.96	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	20.63	20.23	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	20.57	20.17	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	19.49	19.09	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	20.55	20.15	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	20.63	20.23	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	20.61	20.21	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	19.57	19.17	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	20.55	20.15	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	20.78	20.38	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	20.42	20.02	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	19.32	18.92	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.72	22.32	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.06	22.66	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.88	22.48	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.01	21.61	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.75	22.35	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.77	22.37	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.23	21.83	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.52	21.12	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.10	21.7	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.36	21.96	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.12	21.72	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.42	21.02	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.05	21.65	30	PASS



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Band66	20MHz	16QAM	132072	1RB#49	22.29	21.89	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.01	21.61	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.99	20.59	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.93	21.53	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.81	21.41	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.55	21.15	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.64	20.24	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.37	20.97	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.57	21.17	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.42	21.02	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.41	20.01	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	20.33	19.93	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	20.77	20.37	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	20.54	20.14	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	19.47	19.07	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	20.46	20.06	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	20.72	20.32	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	20.63	20.23	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	19.56	19.16	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	20.47	20.07	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	20.79	20.39	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	20.36	19.96	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	19.29	18.89	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	4.98	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	5.86	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.84	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.84	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.20	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.28	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.14	13	PASS



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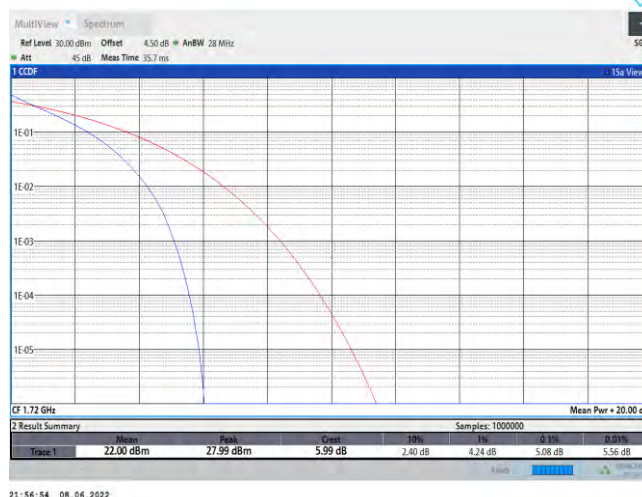
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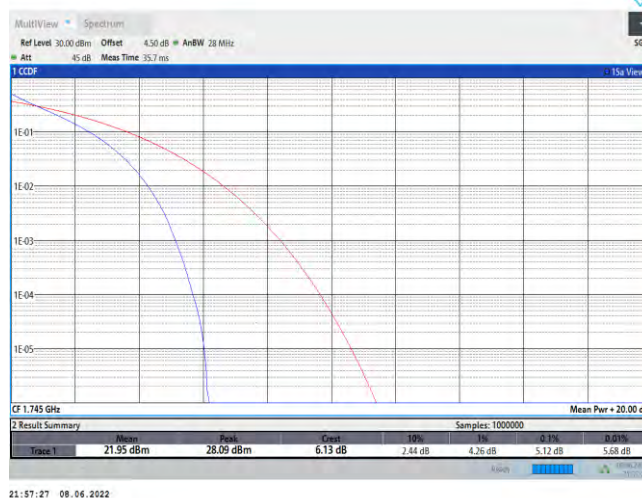
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Test Graphs

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



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



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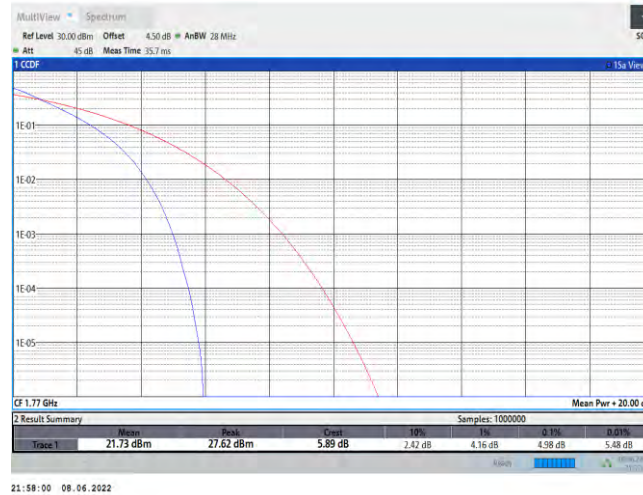
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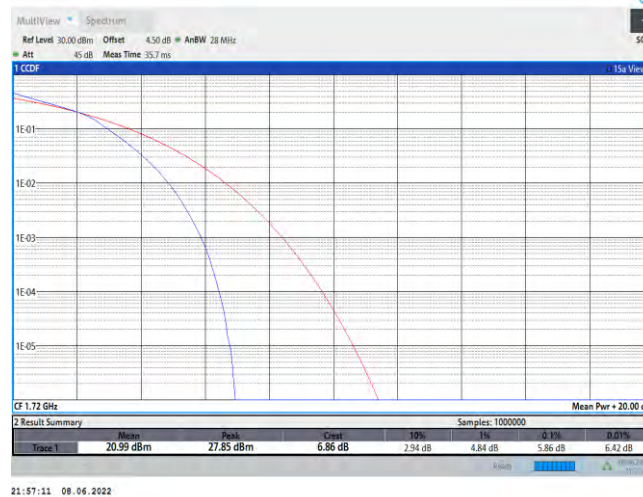
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Band66-20MHz-QPSK-132572-100RB#0



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



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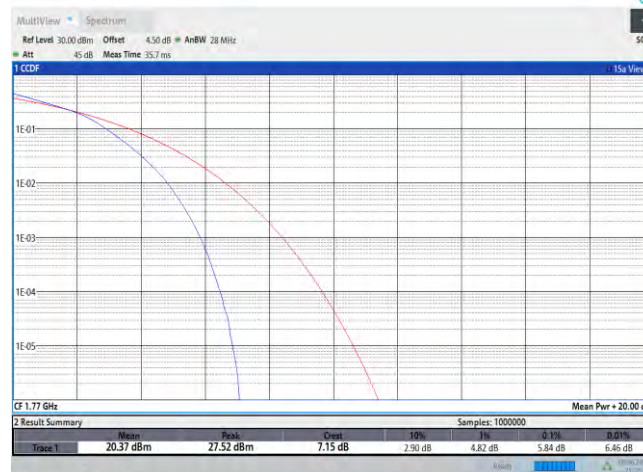
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Band66-20MHz-16QAM-132322-100RB#0



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



21:58:16 08.06.2022



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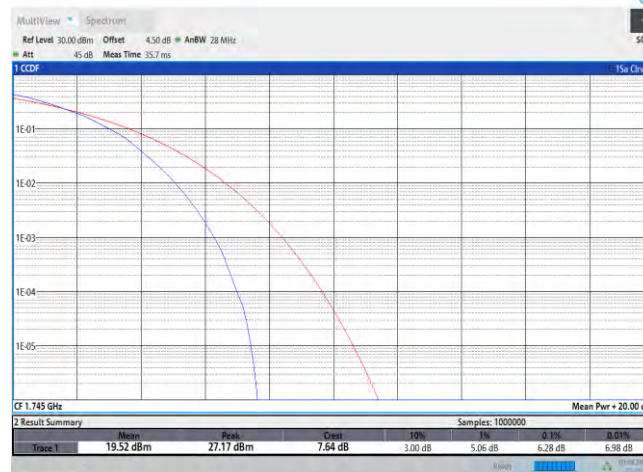
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Band66-20MHz-64QAM-132072-100RB#0



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



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Modulation Characteristics

Test Result

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



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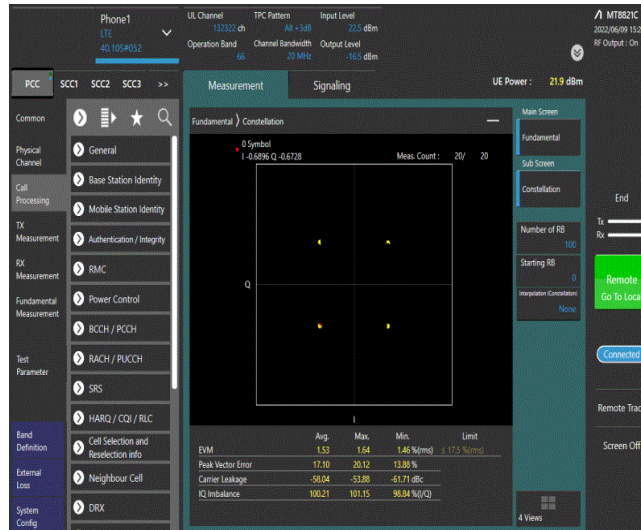
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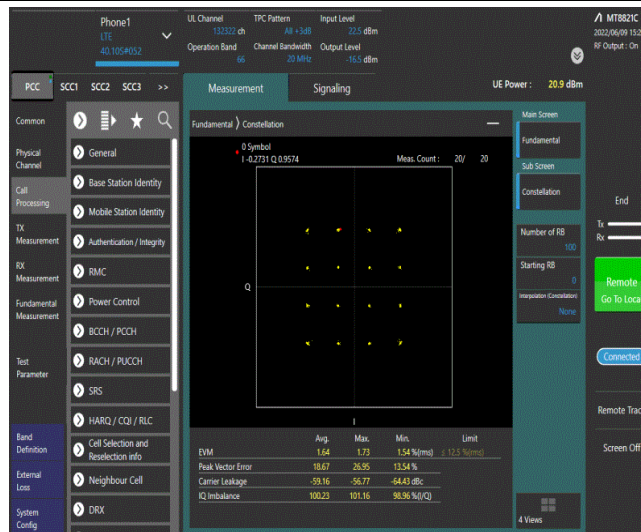
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Band66-20MHz-16QAM-132322-100RB#0



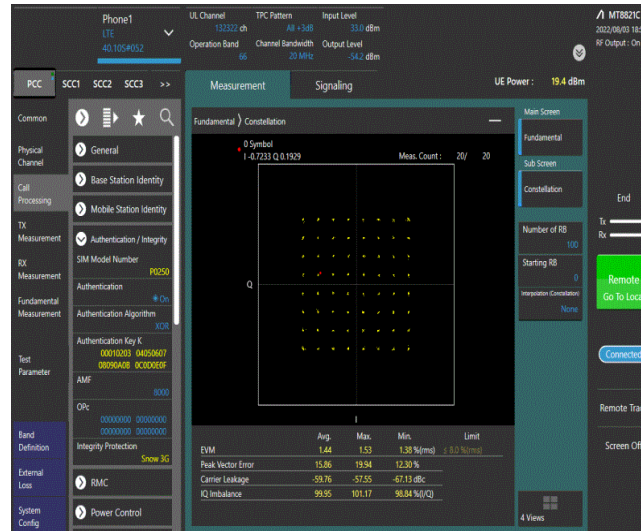
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Band66-20MHz-64QAM-132322-100RB#0



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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	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.087	1.29	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1	1.30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.097	1.30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.1	1.31	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.095	1.31	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.096	1.32	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.685	2.89	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.685	2.89	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.686	2.89	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.681	2.91	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.679	2.90	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.678	2.90	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.681	2.89	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.68	2.89	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.68	2.89	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	5.03	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	5.01	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	5.01	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.475	5.03	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.468	5.04	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.47	5.01	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.489	5.02	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.483	5.02	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.482	5.02	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.946	9.82	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.945	9.90	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.952	9.84	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.933	9.86	PASS



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Band66	10MHz	16QAM	132322	50RB#0	8.926	9.82	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.921	9.90	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.951	9.88	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.947	9.90	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.926	9.80	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.505	15.18	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.506	15.15	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.483	15.09	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.491	15.15	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.488	15.27	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.477	15.24	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.479	15.48	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.462	15.15	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.443	15.03	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.951	19.92	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.949	19.72	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.946	19.80	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.909	19.60	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.927	19.76	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.921	19.68	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.917	19.80	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.922	19.76	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.911	19.72	PASS



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Test Graphs

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



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



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21:04:33 08.06.2022

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



21:03:41 08.06.2022



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21:04:16 08.06.2022

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



21:04:50 08.06.2022



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22:10:40 03.08.2022

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



22:10:58 03.08.2022



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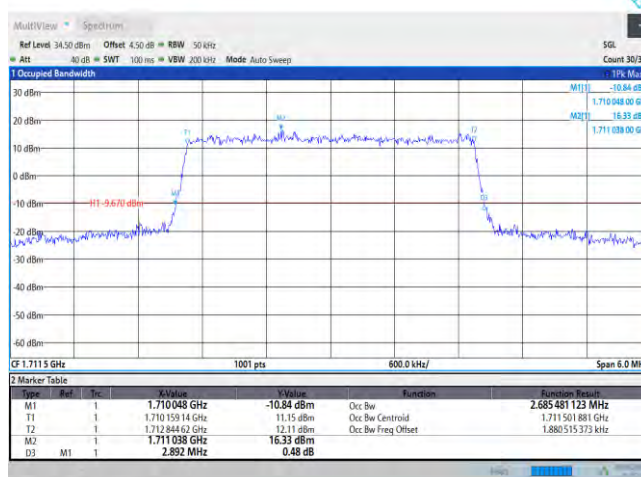
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22:11:16 03.08.2022

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



21:05:27 08.06.2022



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



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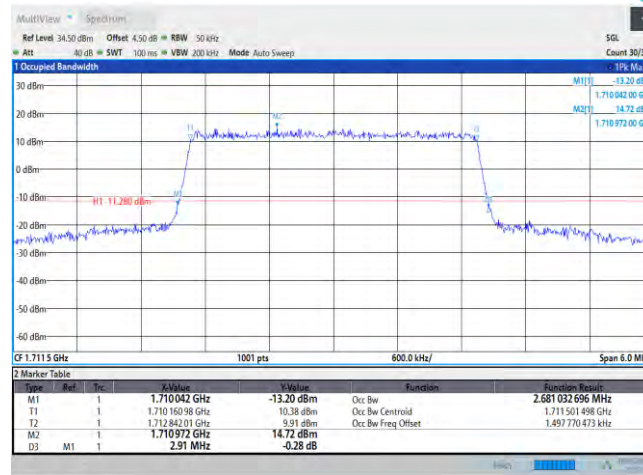
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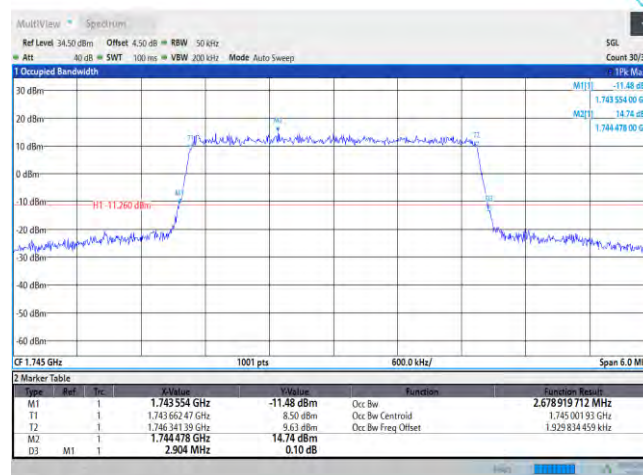
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Band66-3MHz-16QAM-131987-15RB#0



21:05:43 08.06.2022

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



21:06:16 08.06.2022



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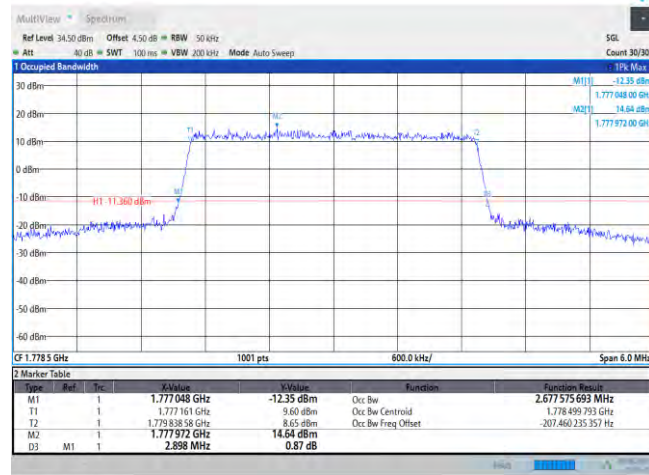
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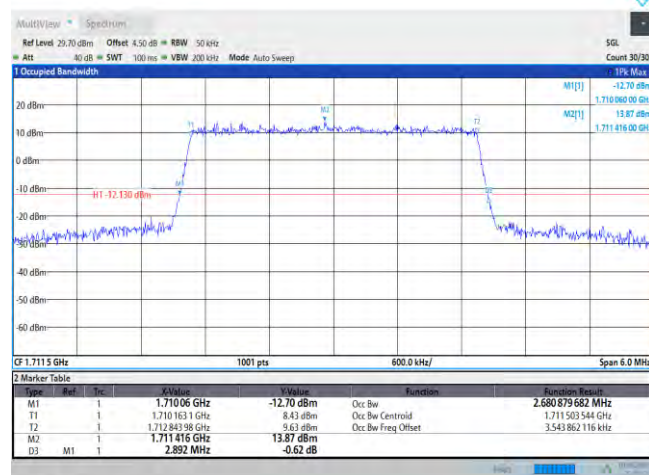
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Band66-3MHz-16QAM-132657-15RB#0



21:06:48 08.06.2022

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



22:11:53 03.08.2022



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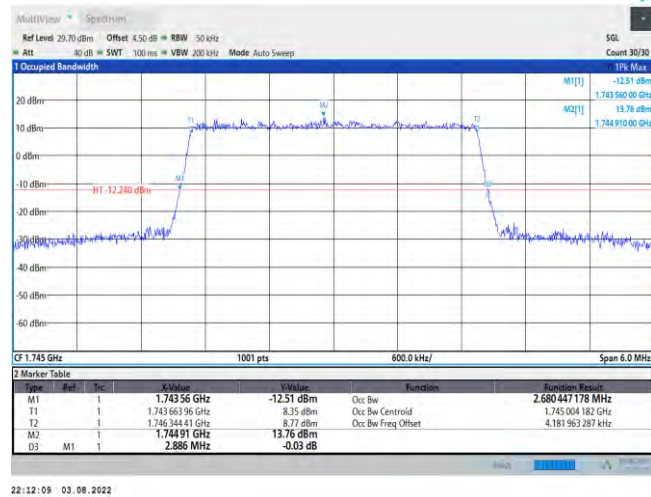
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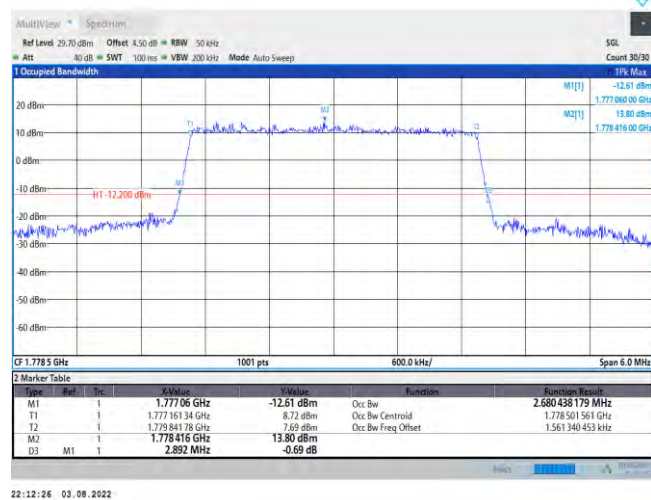
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Band66-3MHz-64QAM-132322-15RB#0



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



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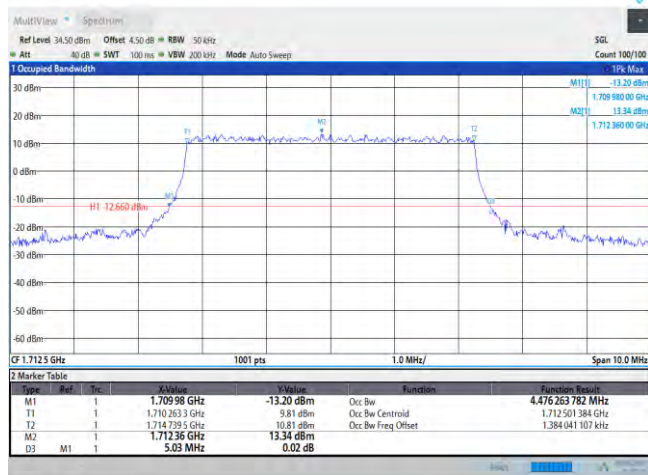
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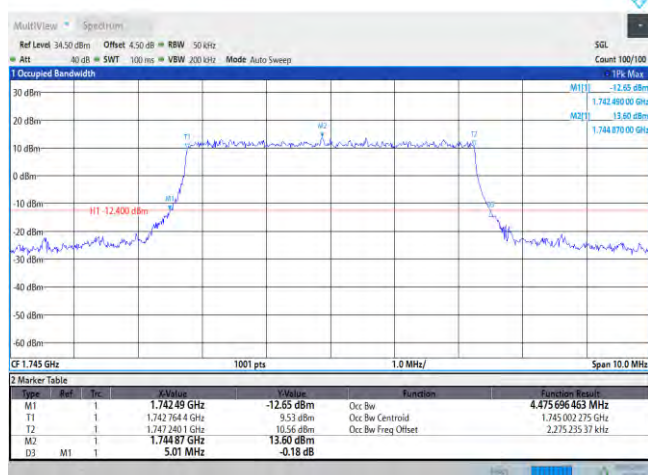
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Band66-5MHz-QPSK-131997-25RB#0



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



21:08:19 08.06.2022



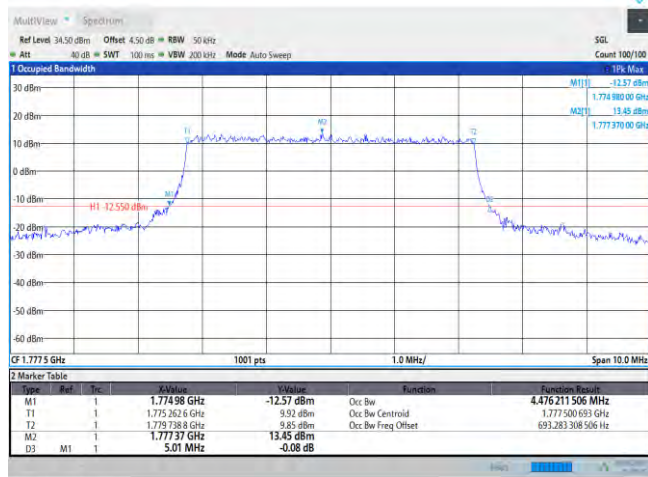
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Band66-5MHz-QPSK-132647-25RB#0



21:09:06 08.06.2022

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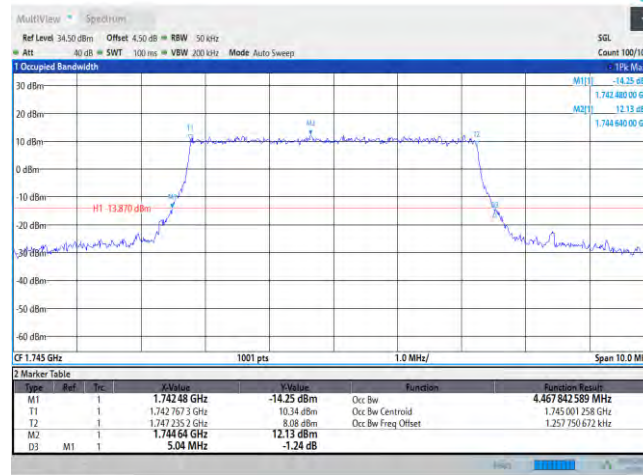
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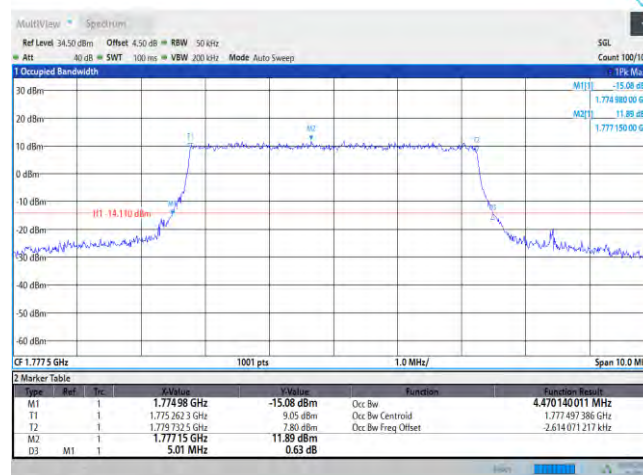
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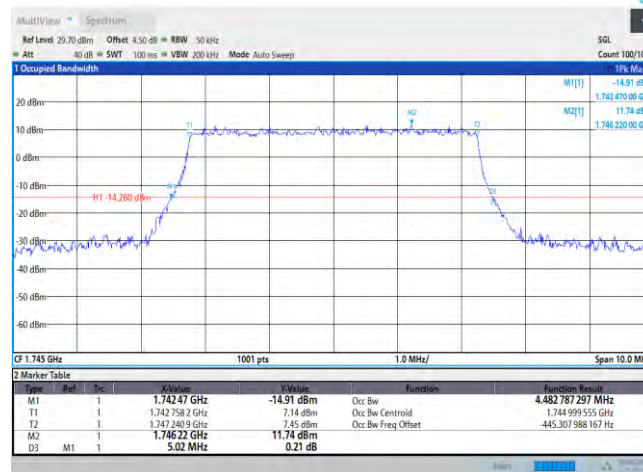
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22:13:11 03.08.2022

Band66-5MHz-64QAM-132322-25RB#0



22:13:34 03.08.2022



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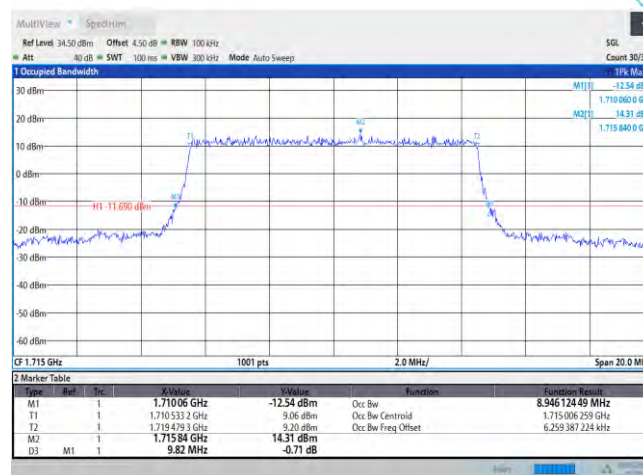
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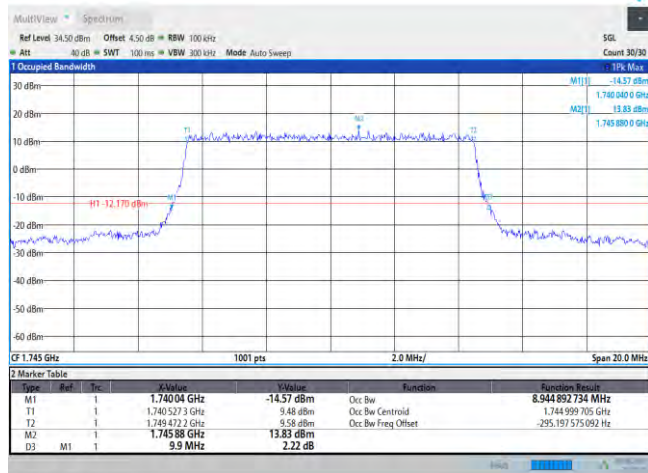
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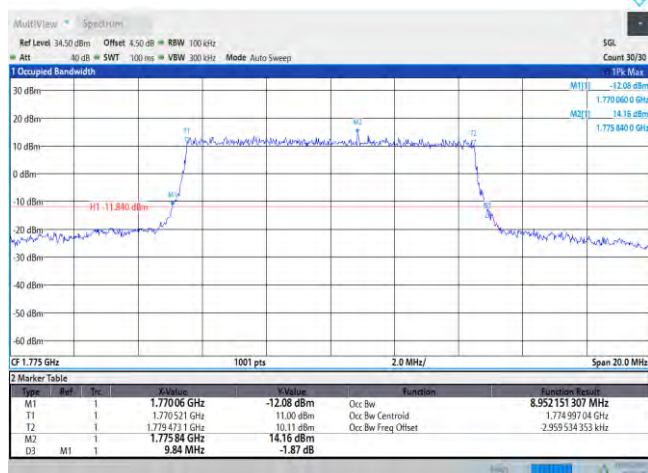
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Band66-10MHz-QPSK-132322-50RB#0



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



21:11:11 08.06.2022



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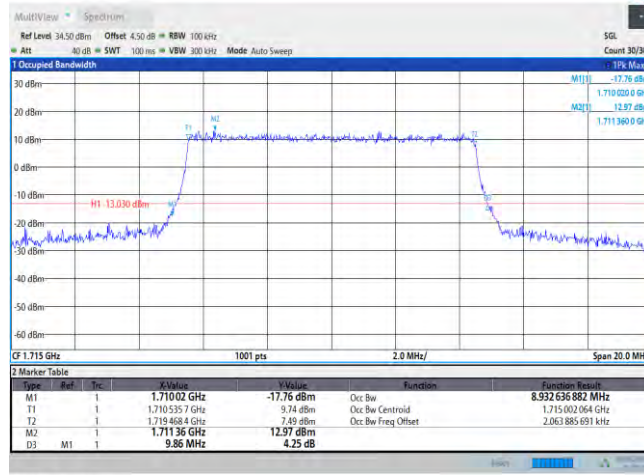
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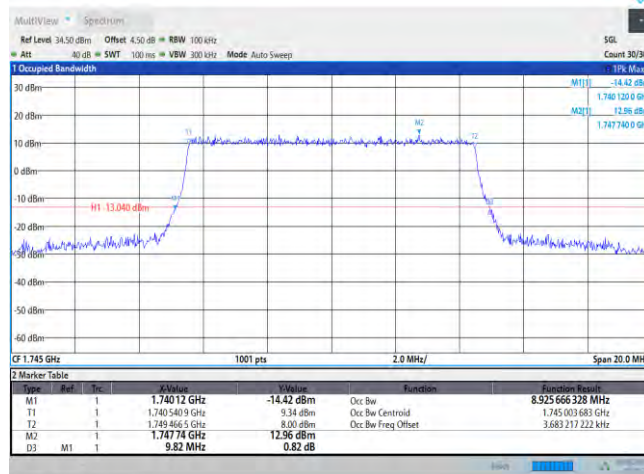
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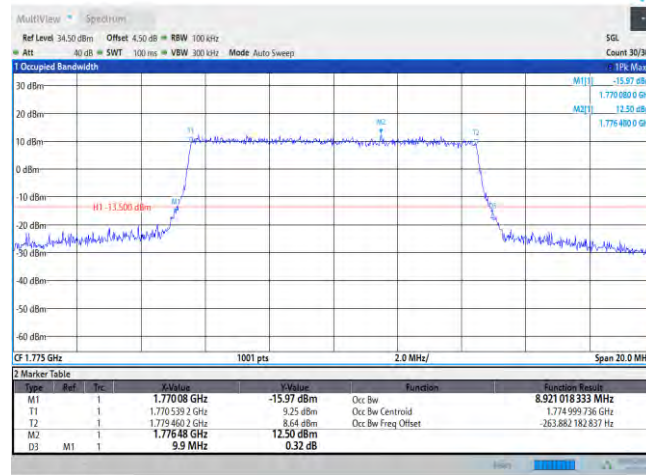
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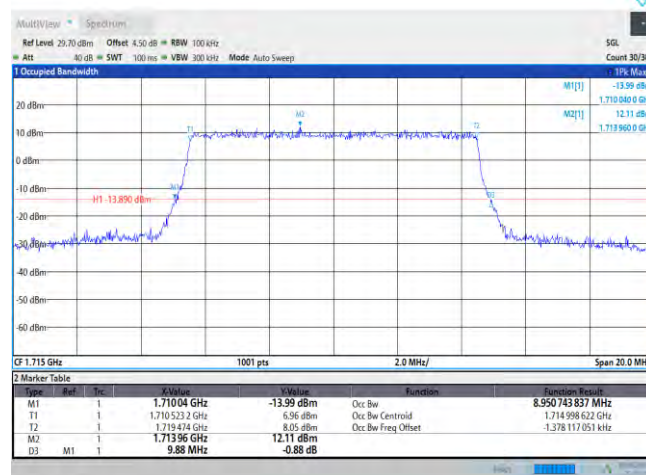
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Band66-10MHz-16QAM-132622-50RB#0



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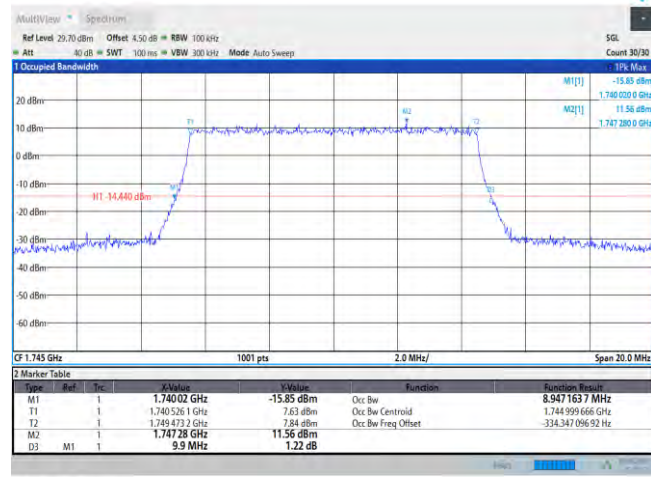
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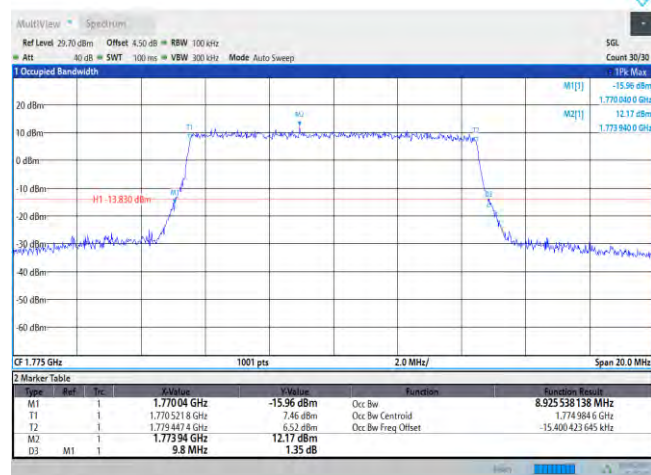
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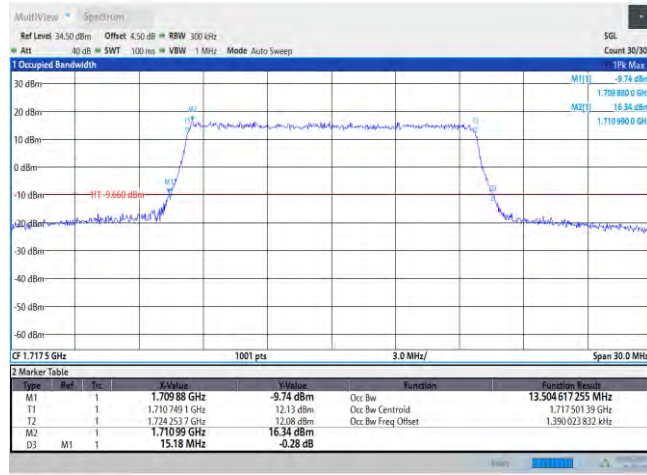
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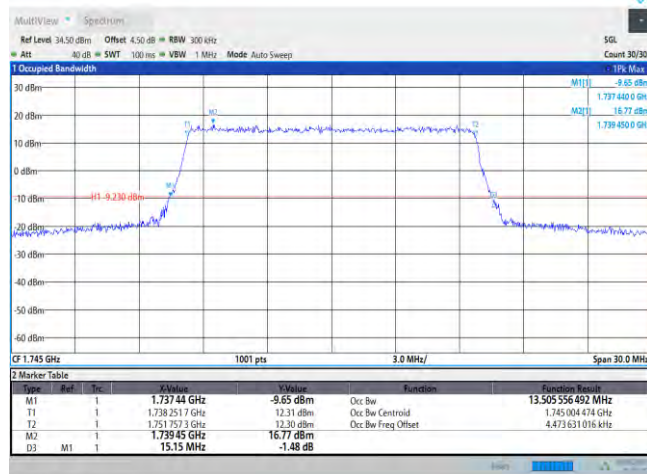
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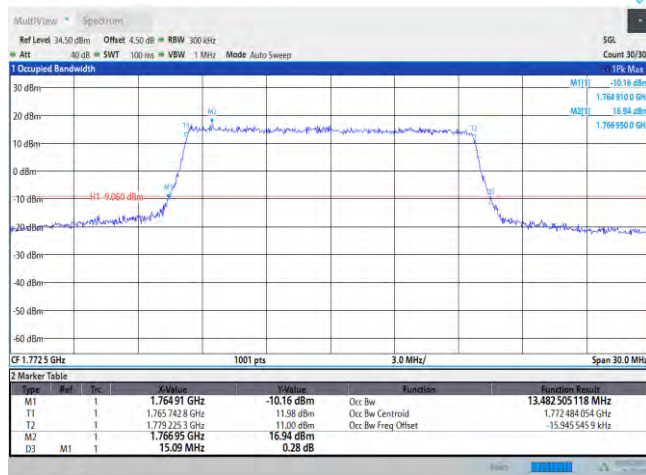
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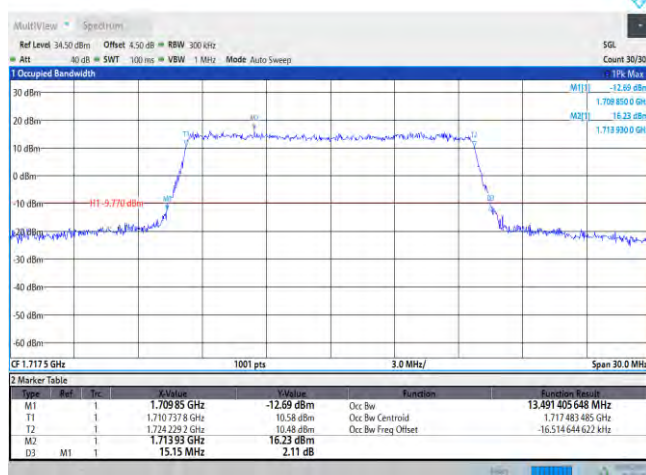
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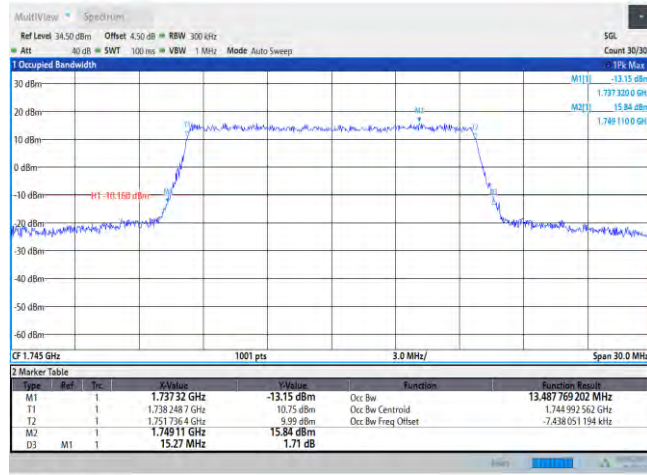
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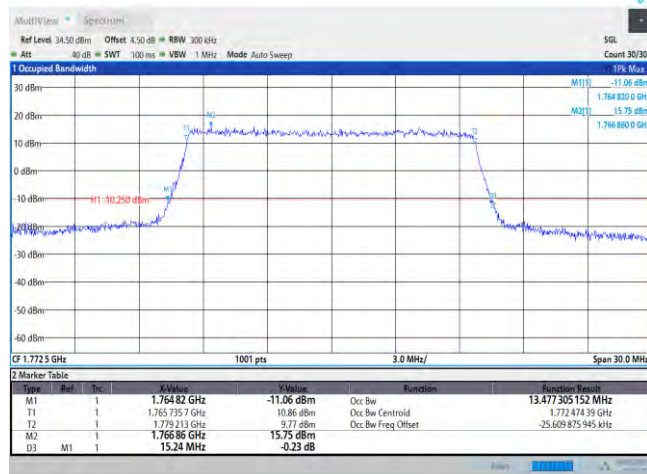
Page: 40 of 68

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



21:12:52 08.06.2022

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



21:13:25 08.06.2022



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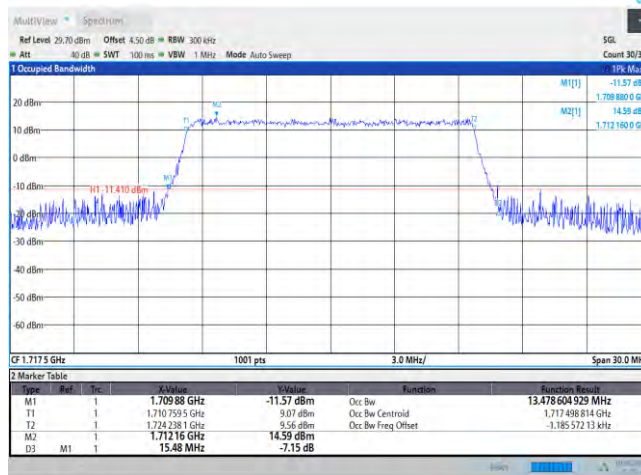
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22:15:45 03.08.2022

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



22:16:02 03.08.2022



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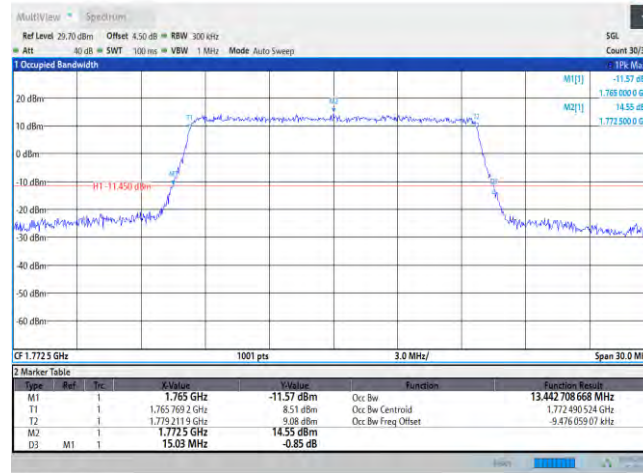
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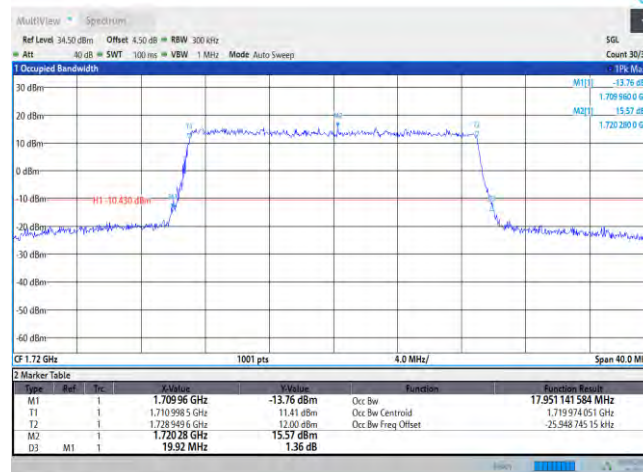
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Band66-15MHz-64QAM-132597-75RB#0



22:14:18 03.08.2022

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



21:14:12 08.06.2022



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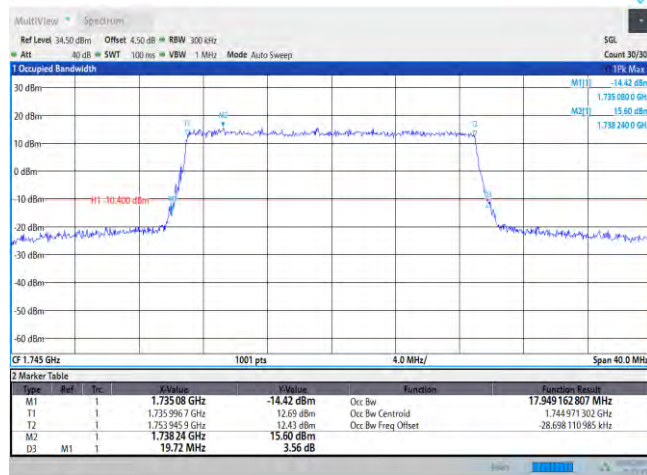
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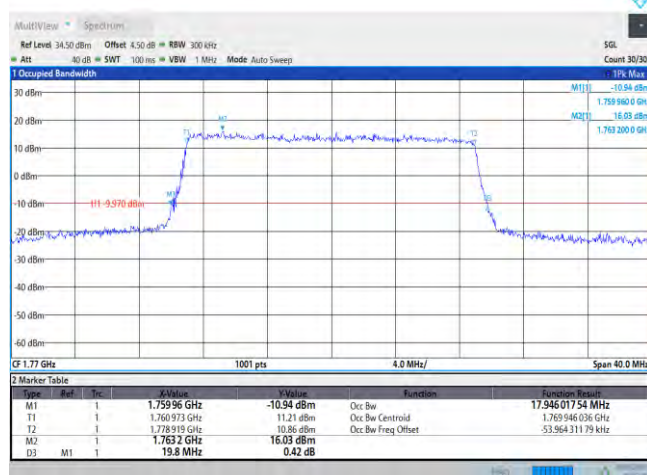
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Band66-20MHz-QPSK-132322-100RB#0



21:14:45 08.06.2022

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



21:15:17 08.06.2022



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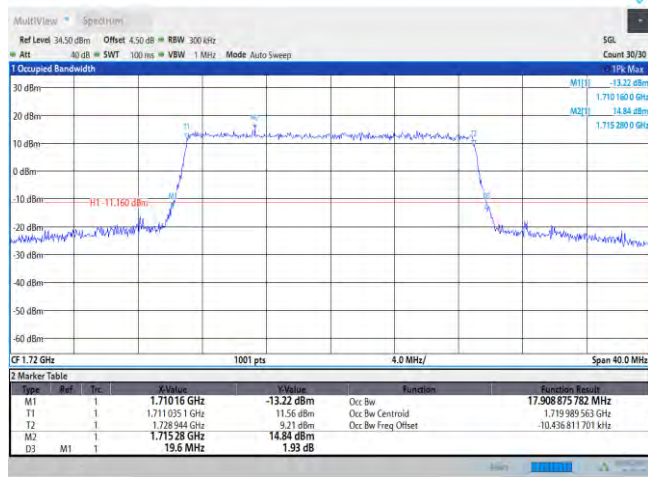
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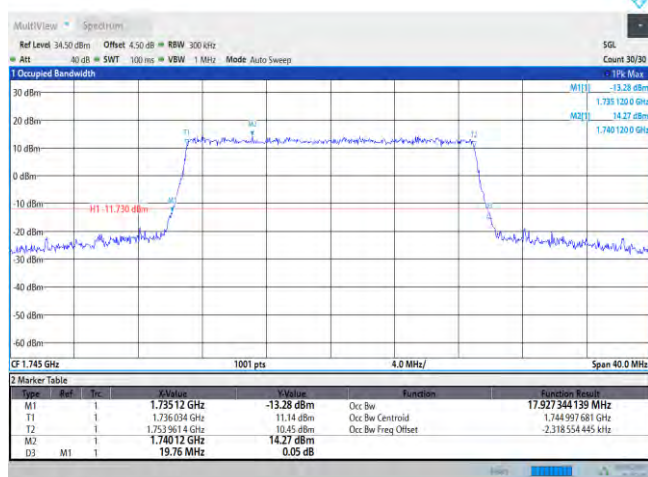
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Band66-20MHz-16QAM-132072-100RB#0



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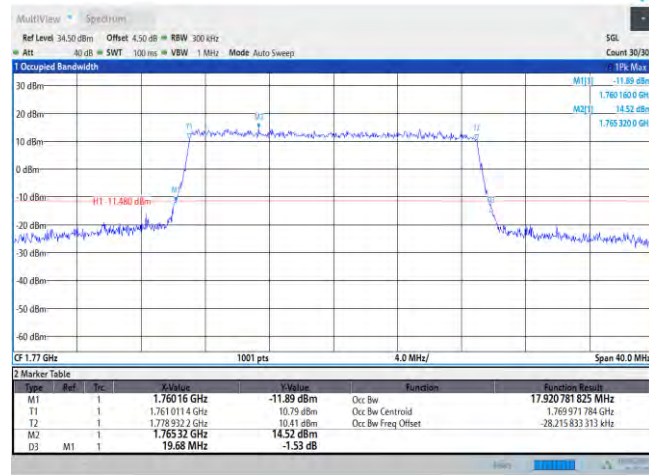
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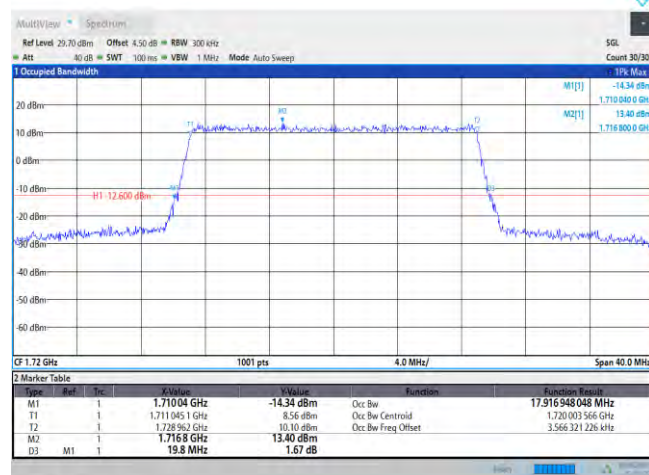
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Band66-20MHz-16QAM-132572-100RB#0



21:15:33 08.06.2022

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



22:16:56 03.08.2022



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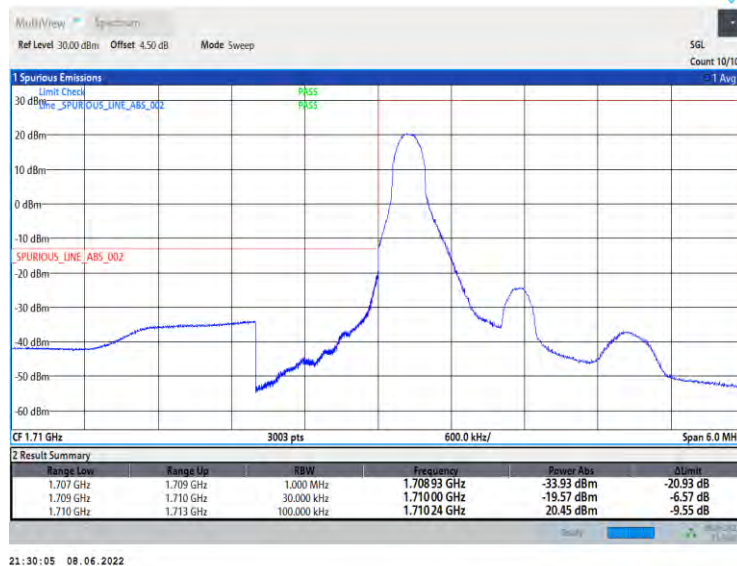
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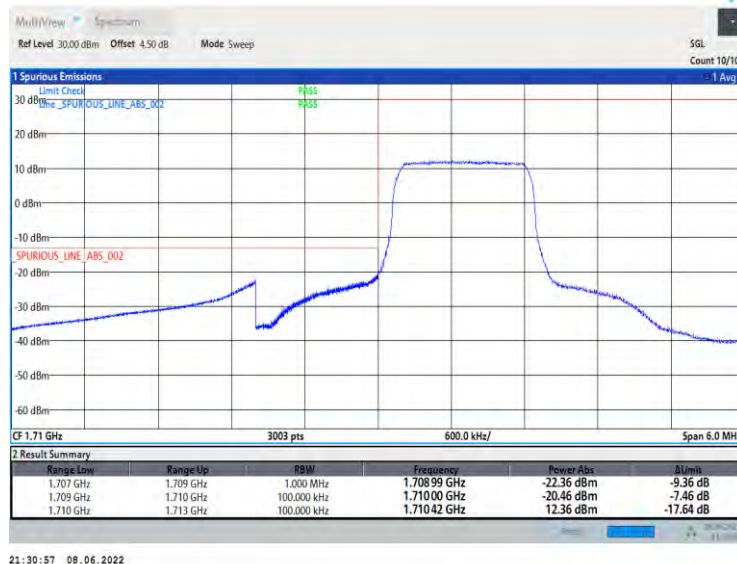
Band Edge

Test Graphs

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



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



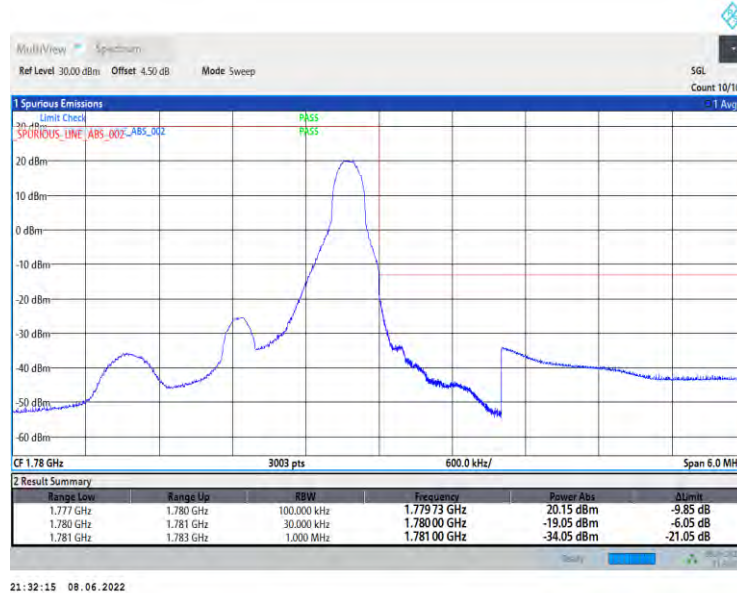
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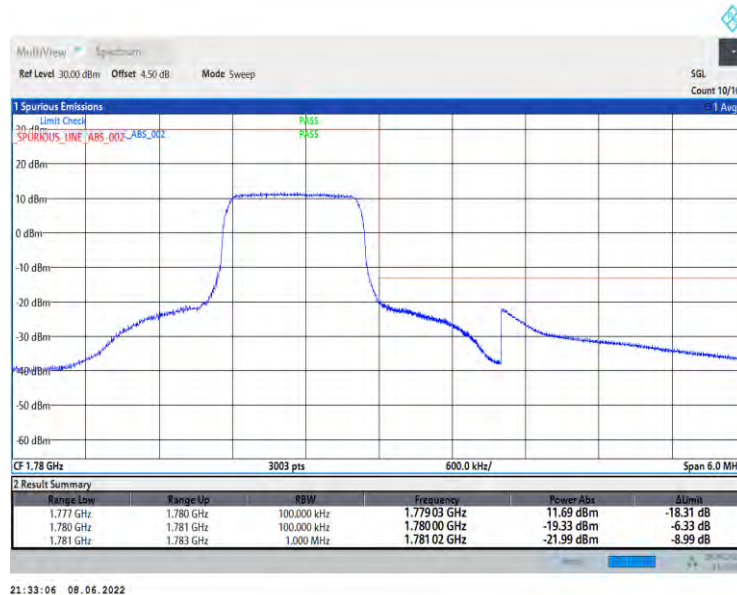
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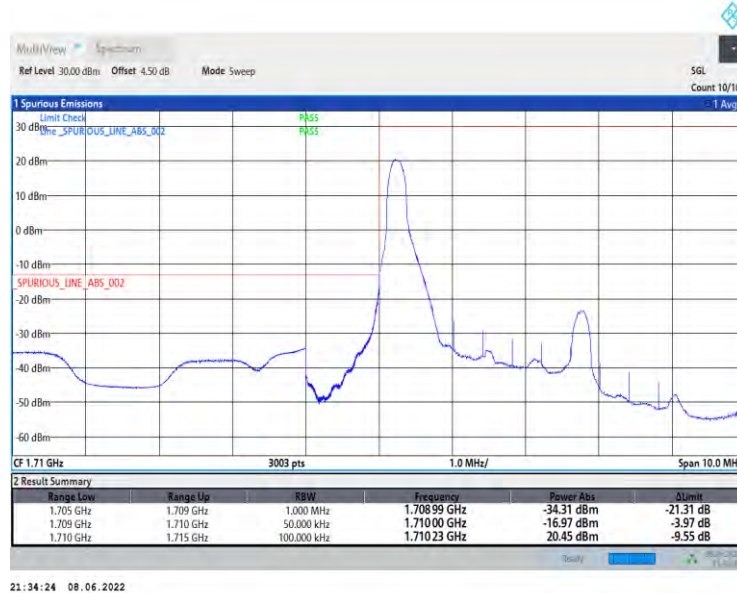
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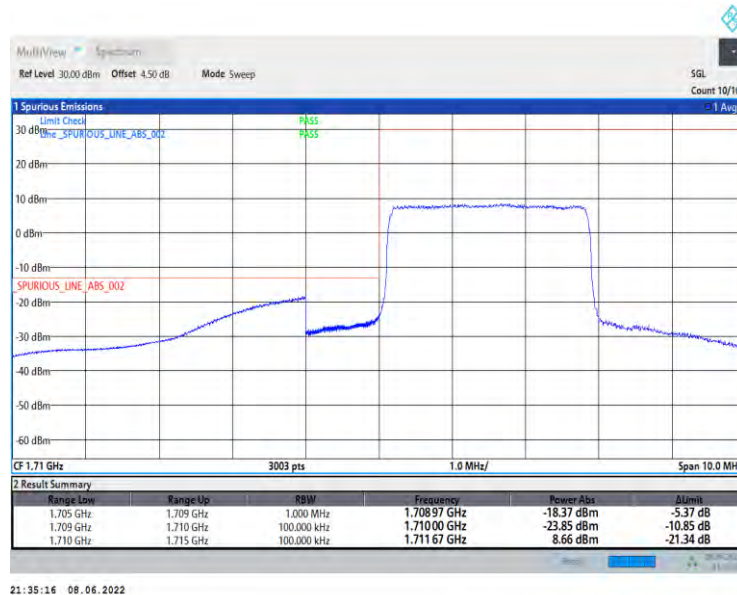
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Band66-3MHz-QPSK-131987-1RB#0



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



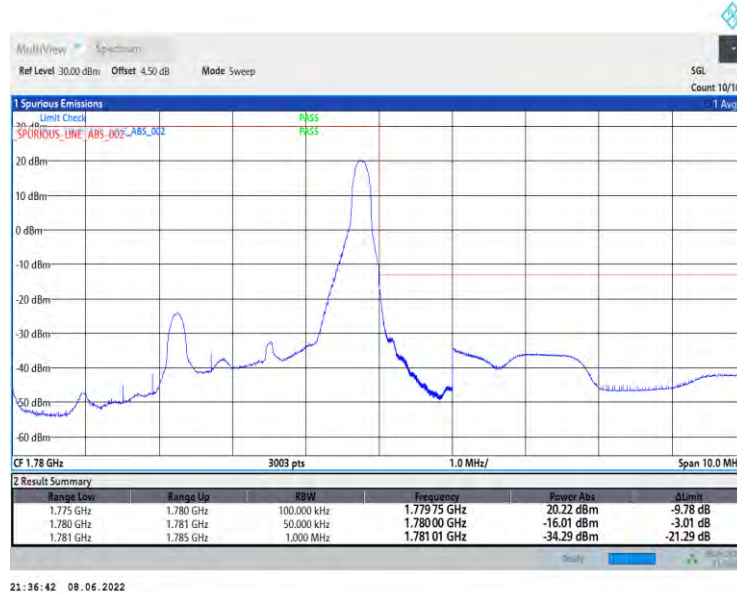
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Band66-3MHz-QPSK-132657-1RB#14



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



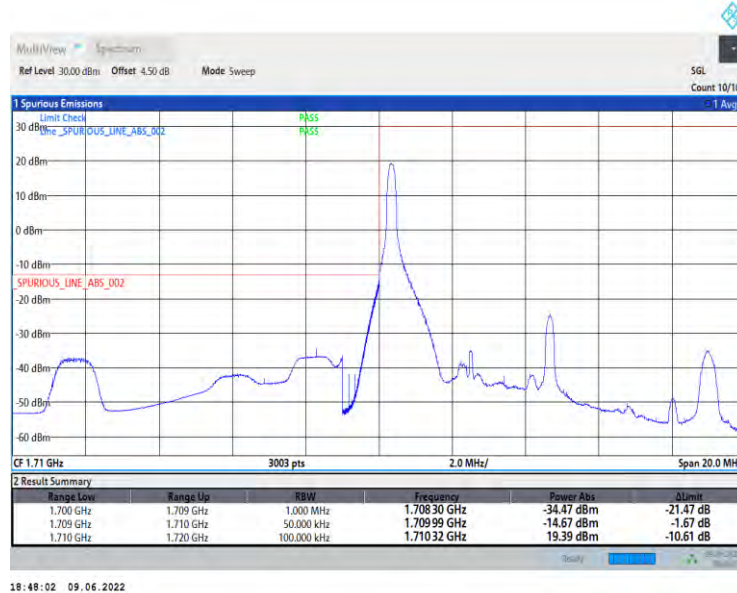
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Band66-5MHz-QPSK-131997-1RB#0



18:48:02 09.06.2022

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



21:39:46 09.06.2022



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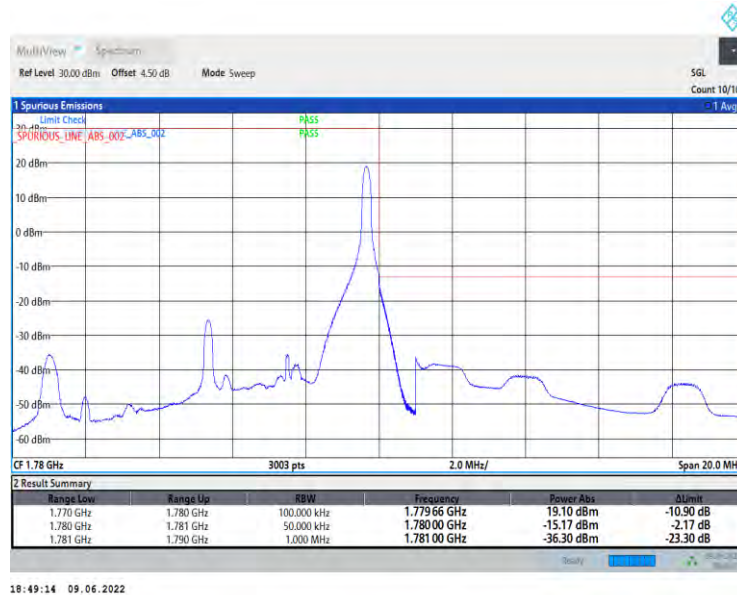
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Band66-5MHz-QPSK-132647-1RB#24



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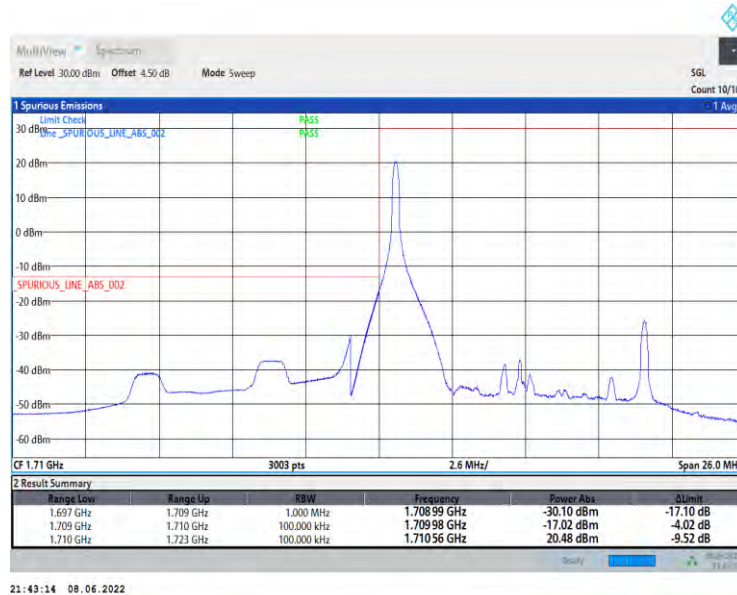
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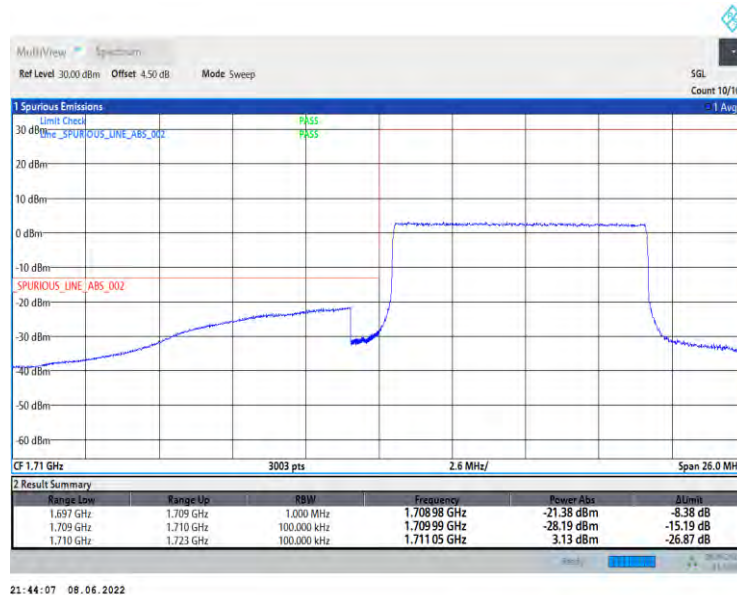
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Band66-10MHz-QPSK-132022-50RB#0



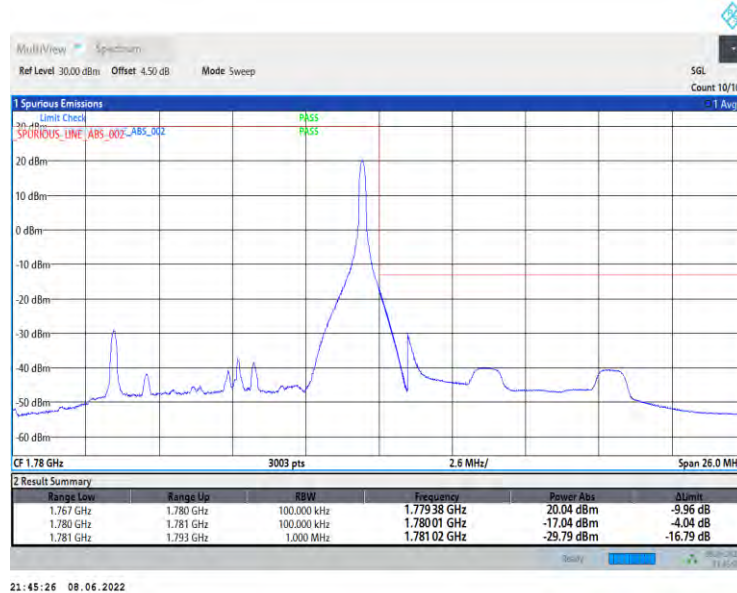
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Band66-10MHz-QPSK-132622-1RB#49



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



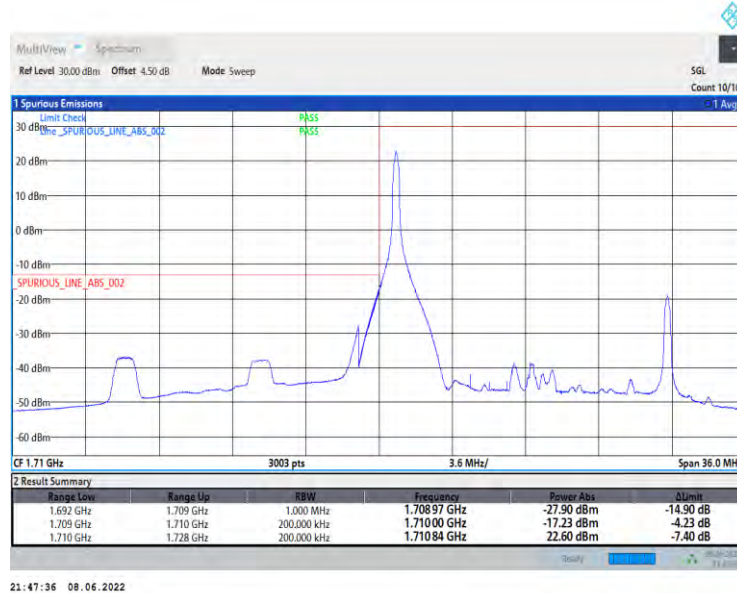
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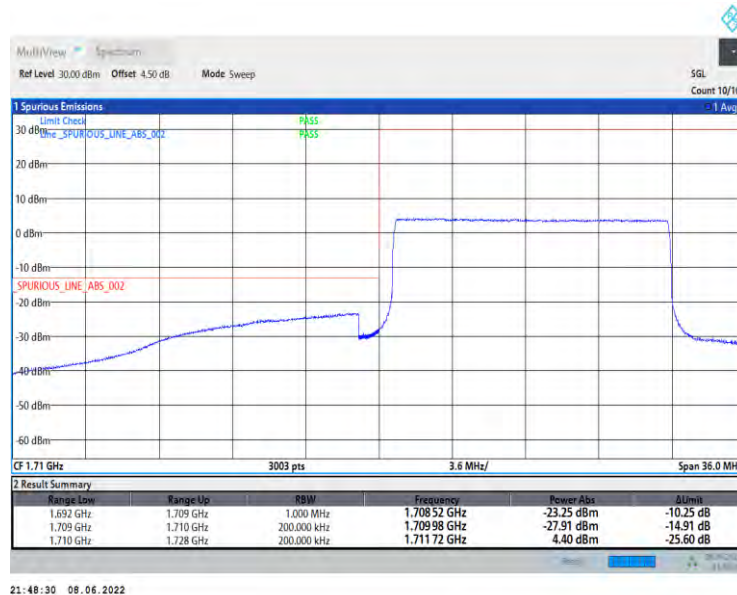
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Band66-15MHz-QPSK-132047-1RB#0



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



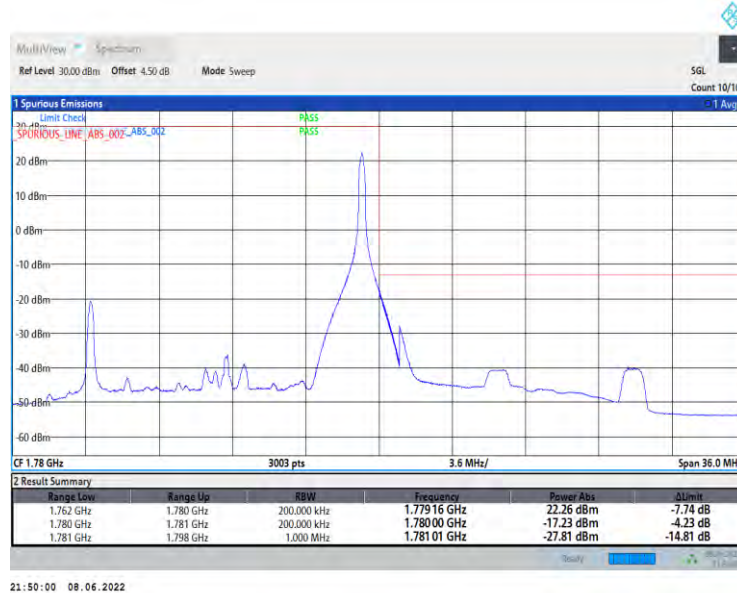
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Band66-15MHz-QPSK-132597-1RB#74



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



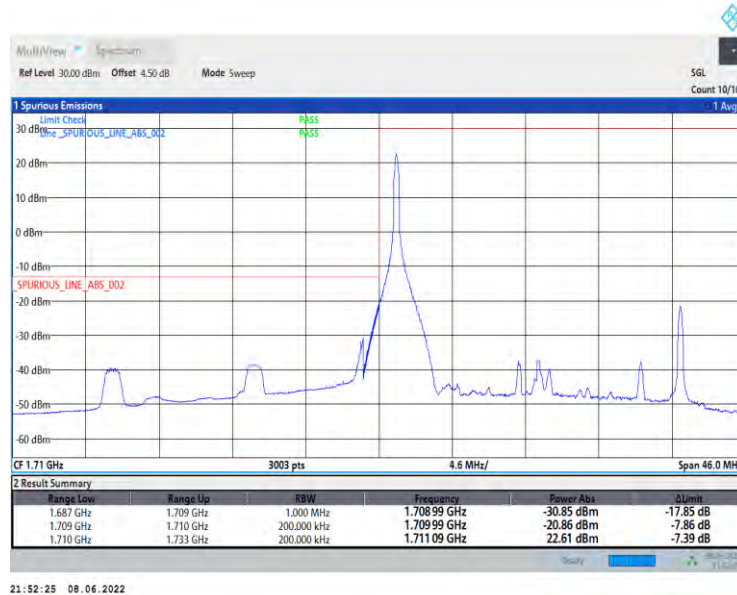
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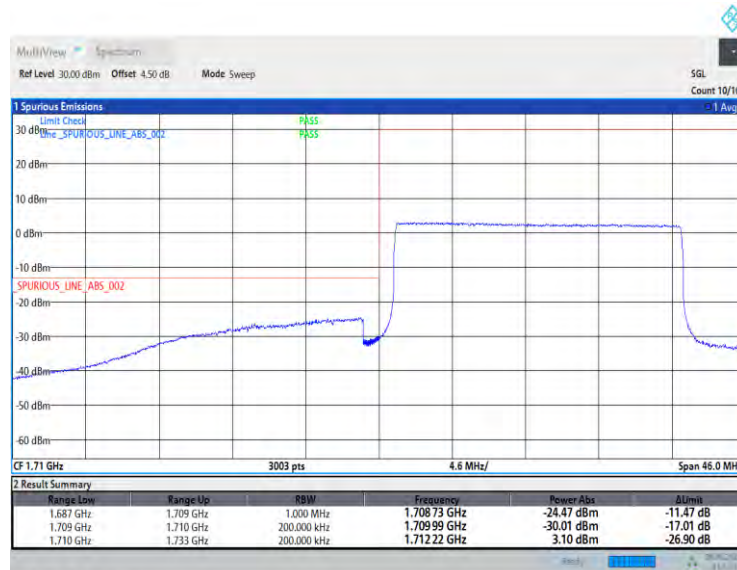
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Band66-20MHz-QPSK-132072-1RB#0



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



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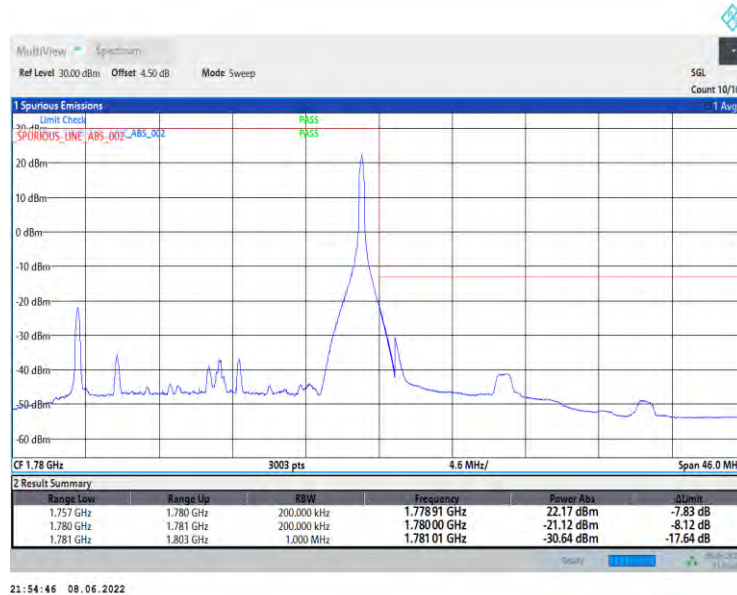
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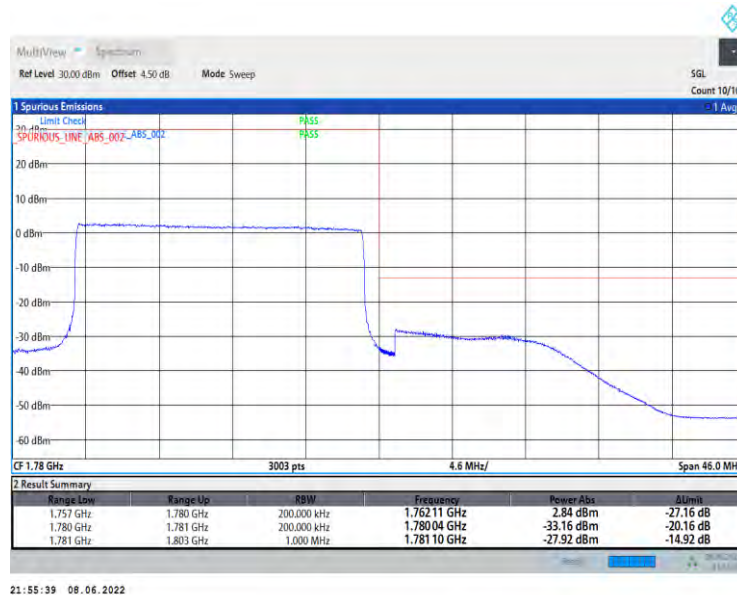
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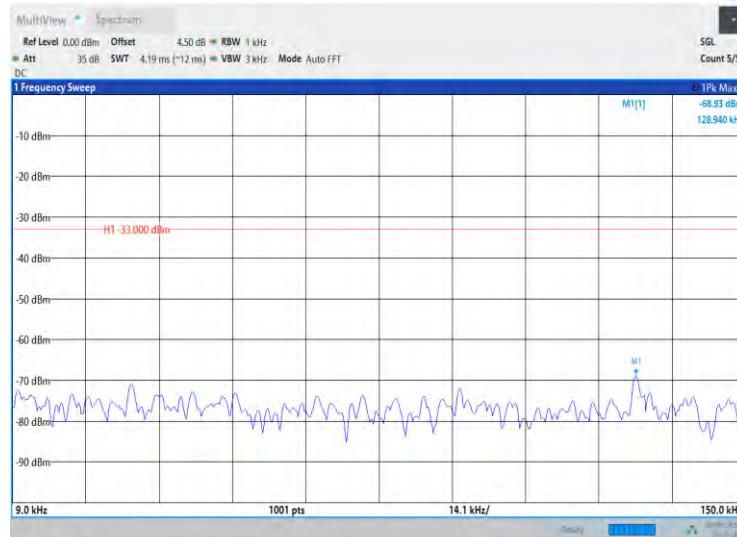
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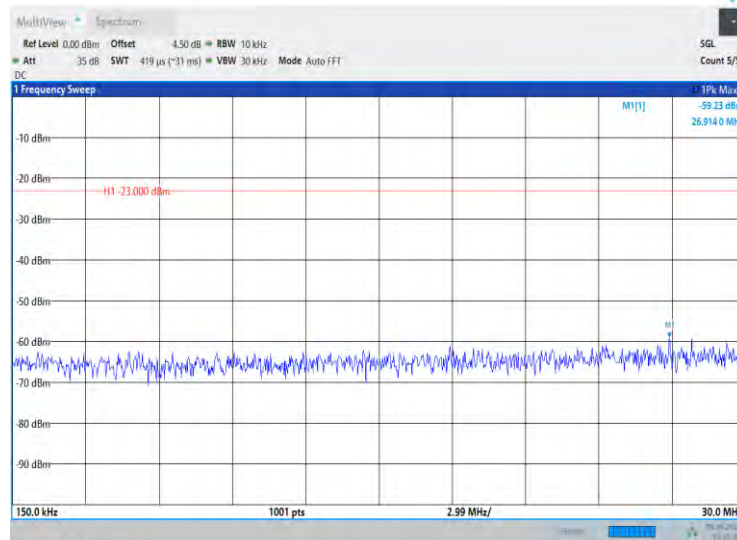
Conducted Spurious Emission

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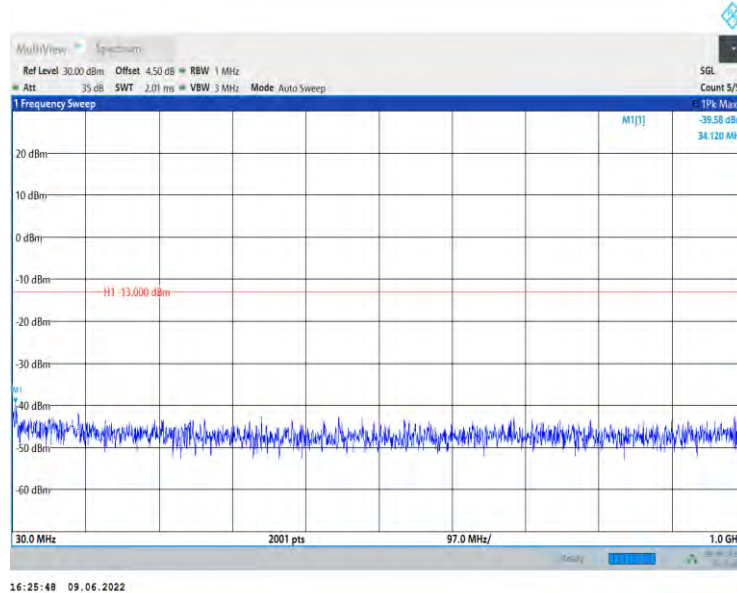
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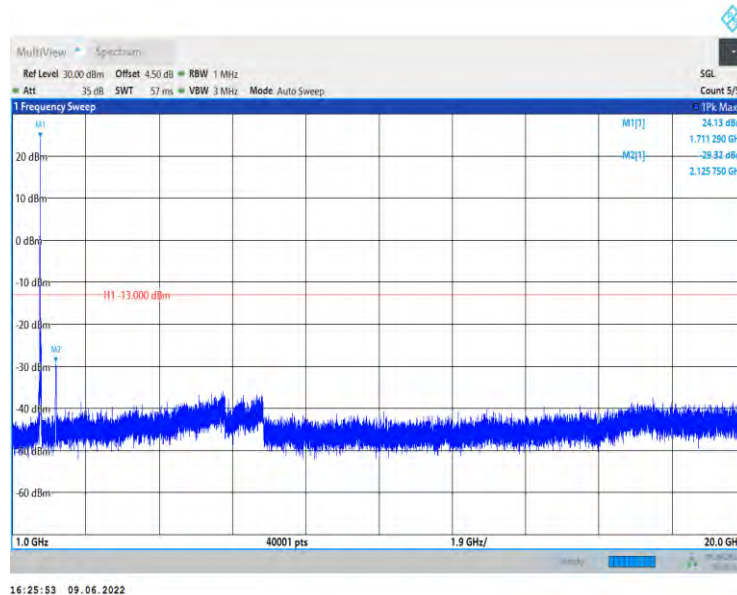
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Band66-20MHz-QPSK-132072-1RB#0-Range4:1000~20000MHz



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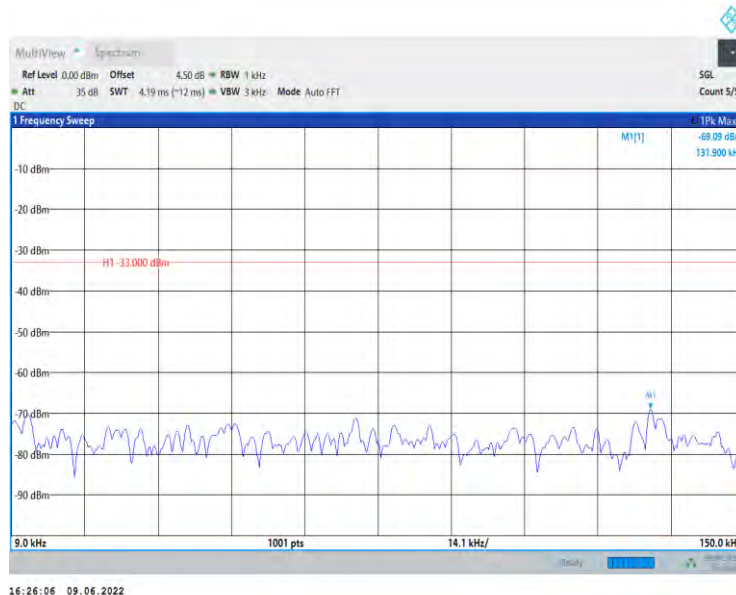
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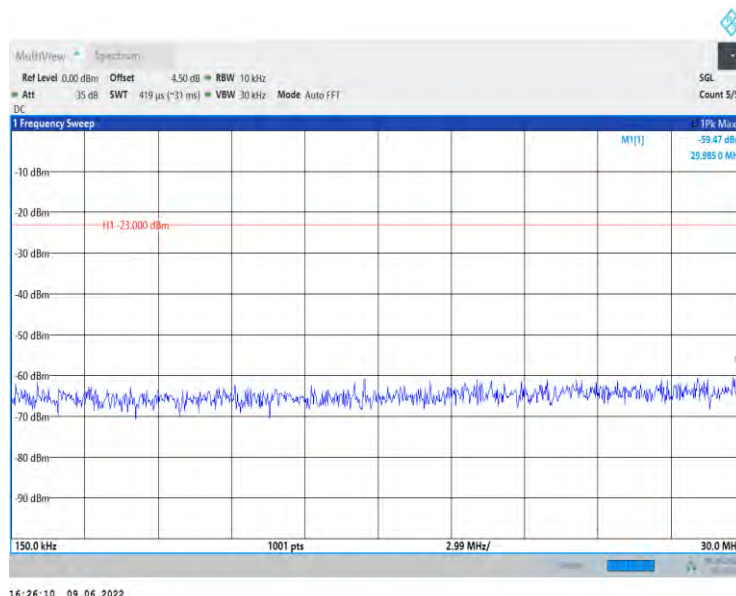
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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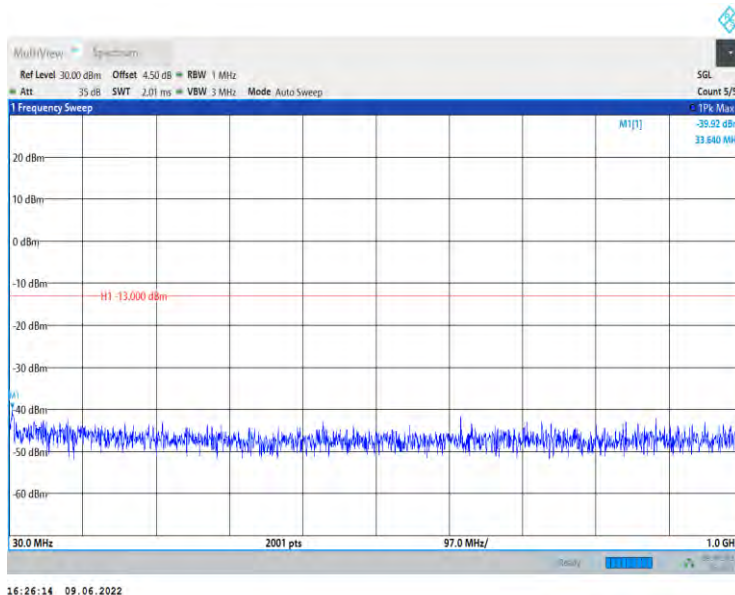
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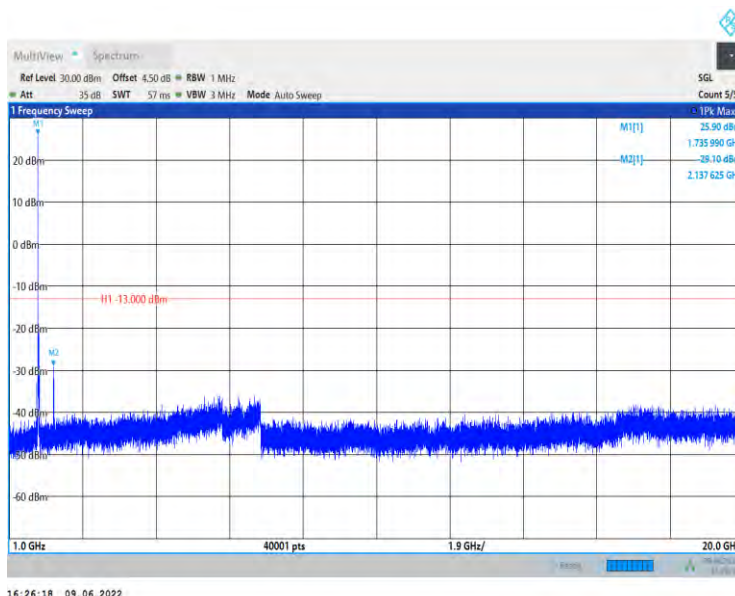
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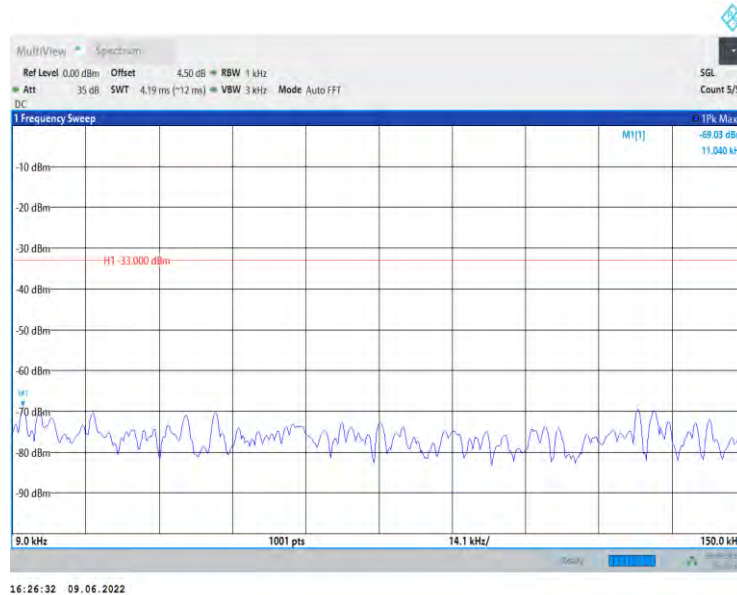
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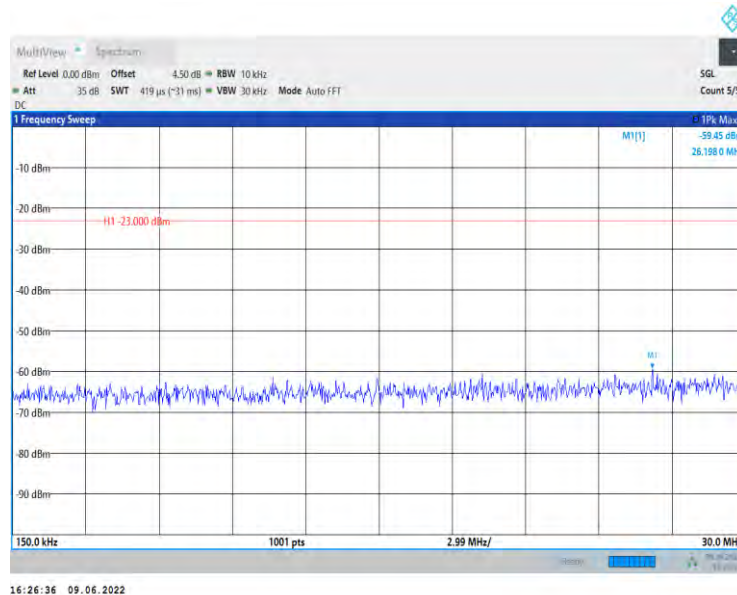
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



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



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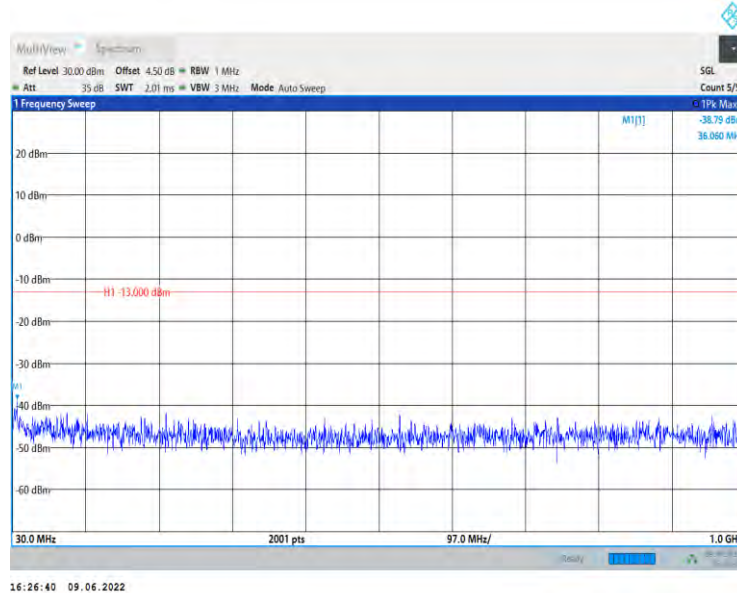
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Report No.: SEWM2206000064RG01

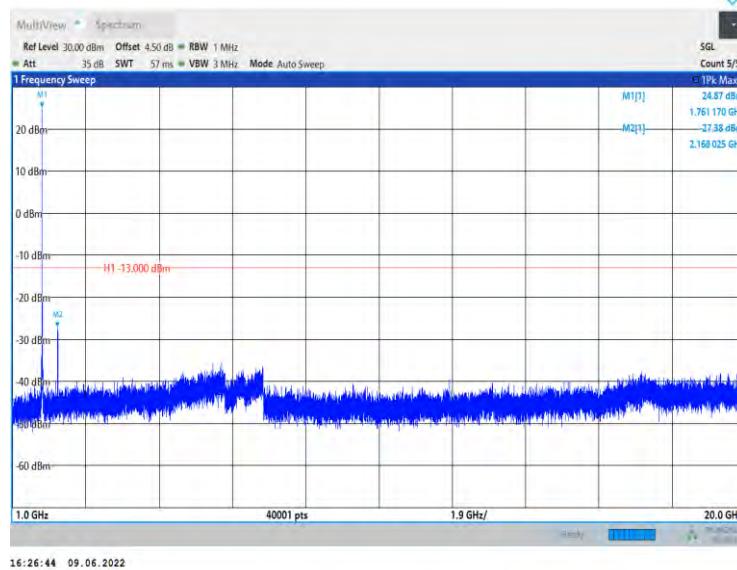
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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	3422.25	93.96	-45.88	29.43	-17.75	-13.00	4.75	152	322	Horizontal
2	5133	81.89	-44.24	32.60	-25.01	-13.00	12.01	263	358	Horizontal
3	6844.5	74.57	-42.50	35.89	-27.30	-13.00	14.30	264	310	Horizontal
4	8555.25	61.82	-39.68	38.11	-35.01	-13.00	22.01	146	203	Horizontal
5	10266.75	51.72	-36.74	38.79	-41.48	-13.00	28.48	203	263	Horizontal
6	11977.5	59.76	-35.31	38.62	-32.19	-13.00	19.19	169	335	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	3422.25	93.39	-45.88	29.43	-18.32	-13.00	5.32	142	110	Vertical
2	5133	80.37	-44.24	32.60	-26.53	-13.00	13.53	286	358	Vertical
3	6844.5	71.90	-42.50	35.89	-29.97	-13.00	16.97	265	158	Vertical
4	8555.25	66.81	-39.68	38.11	-30.02	-13.00	17.02	254	14	Vertical
5	10266	52.73	-36.73	38.79	-40.47	-13.00	27.47	198	320	Vertical
6	11977.5	64.75	-35.31	38.62	-27.20	-13.00	14.20	264	300	Vertical



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Report No.: SEWM2206000064RG01

Rev.: 01

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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	3472.5	91.54	-45.76	29.41	-20.07	-13.00	7.07	142	323	Horizontal
2	5208	82.11	-44.14	32.60	-24.69	-13.00	11.69	286	3	Horizontal
3	6944.25	76.04	-42.50	36.09	-25.63	-13.00	12.63	263	348	Horizontal
4	8680.5	61.94	-39.46	38.25	-34.53	-13.00	21.53	254	3	Horizontal
5	10416.75	50.35	-36.46	38.96	-42.41	-13.00	29.41	174	267	Horizontal
6	12152.25	52.30	-35.22	38.75	-39.43	-13.00	26.43	185	290	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	3471.75	92.99	-45.76	29.41	-18.62	-13.00	5.62	163	119	Vertical
2	5208	77.10	-44.14	32.60	-29.70	-13.00	16.70	296	36	Vertical
3	6944.25	75.60	-42.50	36.09	-26.07	-13.00	13.07	265	3	Vertical
4	8680.5	67.19	-39.46	38.25	-29.28	-13.00	16.28	284	359	Vertical
5	10416.75	52.95	-36.46	38.96	-39.81	-13.00	26.81	174	3	Vertical
6	12152.25	57.84	-35.22	38.75	-33.89	-13.00	20.89	185	297	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	3522	93.74	-45.59	29.45	-17.65	-13.00	4.65	142	122	Horizontal
2	5283	84.21	-44.03	32.60	-22.48	-13.00	9.48	263	360	Horizontal
3	7044.75	74.22	-42.54	36.23	-27.35	-13.00	14.35	265	3	Horizontal
4	8805	61.52	-39.11	38.39	-34.46	-13.00	21.46	295	289	Horizontal
5	10566	50.42	-36.24	39.12	-41.96	-13.00	28.96	184	314	Horizontal
6	12327.75	50.53	-35.09	38.93	-40.89	-13.00	27.89	177	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3522	89.89	-45.59	29.45	-21.50	-13.00	8.50	151	62	Vertical
2	5283.75	82.79	-44.03	32.60	-23.90	-13.00	10.90	185	360	Vertical
3	7044	71.56	-42.54	36.23	-30.01	-13.00	17.01	265	359	Vertical
4	8805.75	59.02	-39.11	38.39	-36.96	-13.00	23.96	241	303	Vertical
5	10566.75	51.60	-36.24	39.12	-40.77	-13.00	27.77	102	62	Vertical
6	12327.75	53.79	-35.09	38.93	-37.63	-13.00	24.63	116	348	Vertical

Remark:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

Level = Reading Level(dBμV) + Factor(dB):

Factor = AF(dB/m) + Cable Factor(dB) - Preamplifier gain(dB)

AF = Antenna Factor(dB/m)

Margin = Limit(dBm) – Level(dBm)

dBm = dBμV – 95.26



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	2.20	0.001261	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-1.30	-0.000745	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-16.30	-0.009341	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-0.80	-0.000458	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-19.20	-0.011003	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-15.30	-0.008768	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-6.20	-0.003553	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	3.90	0.002235	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-13.90	-0.007966	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-5.90	-0.003381	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-12.80	-0.007335	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	2.30	0.001318	PASS

---End of Attachment---



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