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Appendix B.19

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	23.09	25.56	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.21	25.68	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.07	25.54	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.17	24.64	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.11	25.58	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.17	25.64	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.00	25.47	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.14	24.61	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	22.93	25.40	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	22.94	25.41	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	22.94	25.41	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.02	24.49	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.21	24.68	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.34	24.81	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.18	24.65	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.22	23.69	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.16	24.63	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.38	24.85	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.23	24.70	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.20	23.67	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	21.96	24.43	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.26	24.73	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	21.99	24.46	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	20.81	23.28	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.11	25.58	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.12	25.59	30.00	PASS



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Band66	3MHz	QPSK	131987	1RB#14	23.15	25.62	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.22	24.69	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.07	25.54	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.08	25.55	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.11	25.58	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.15	24.62	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	22.98	25.45	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	22.91	25.38	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	22.88	25.35	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	21.65	24.12	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.34	24.81	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.32	24.79	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.32	24.79	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.16	23.63	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.32	24.79	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.31	24.78	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.24	24.71	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.16	23.63	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	21.95	24.42	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	21.73	24.20	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	21.72	24.19	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	20.54	23.01	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.08	25.55	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	22.72	25.19	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	22.59	25.06	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	21.71	24.18	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	22.62	25.09	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	22.71	25.18	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	22.50	24.97	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	21.69	24.16	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	22.36	24.83	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	22.53	25.00	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	22.39	24.86	30.00	PASS



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Band66	5MHz	QPSK	132647	25RB#0	21.47	23.94	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	21.84	24.31	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	21.78	24.25	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	21.60	24.07	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	20.68	23.15	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	21.63	24.10	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	21.77	24.24	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	21.59	24.06	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	20.66	23.13	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	21.49	23.96	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	21.66	24.13	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	21.54	24.01	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	20.43	22.90	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	22.57	25.04	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.84	25.31	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.64	25.11	30.00	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.70	24.17	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.63	25.10	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.77	25.24	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.51	24.98	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.70	24.17	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.35	24.82	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.54	25.01	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.50	24.97	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.41	23.88	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.79	24.26	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.97	24.44	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.85	24.32	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.66	23.13	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.89	24.36	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.01	24.48	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.69	24.16	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.66	23.13	30.00	PASS



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Band66	10MHz	16QAM	132622	1RB#0	21.46	23.93	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.68	24.15	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.53	24.00	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.47	22.94	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	22.62	25.09	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	22.61	25.08	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	22.58	25.05	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	21.71	24.18	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	22.60	25.07	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	22.57	25.04	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	22.38	24.85	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	21.71	24.18	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	22.34	24.81	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	22.44	24.91	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	22.46	24.93	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	21.50	23.97	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	21.78	24.25	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	21.81	24.28	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	21.85	24.32	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	20.66	23.13	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	21.83	24.30	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	21.83	24.30	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	21.58	24.05	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	20.61	23.08	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	21.59	24.06	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	21.65	24.12	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	21.68	24.15	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	20.45	22.92	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	22.63	25.10	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.80	25.27	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.79	25.26	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.63	24.10	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.65	25.12	30.00	PASS

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Band66	20MHz	QPSK	132322	1RB#49	22.83	25.30	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.47	24.94	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.57	24.04	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.34	24.81	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.56	25.03	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	22.48	24.95	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.35	23.82	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.58	24.05	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.83	24.30	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.73	24.20	30.00	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.64	23.11	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.64	24.11	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.81	24.28	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.43	23.90	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.56	23.03	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	21.43	23.90	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.63	24.10	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.54	24.01	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.30	22.77	30.00	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	5.48	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.46	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.88	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.22	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.16	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.62	13	PASS

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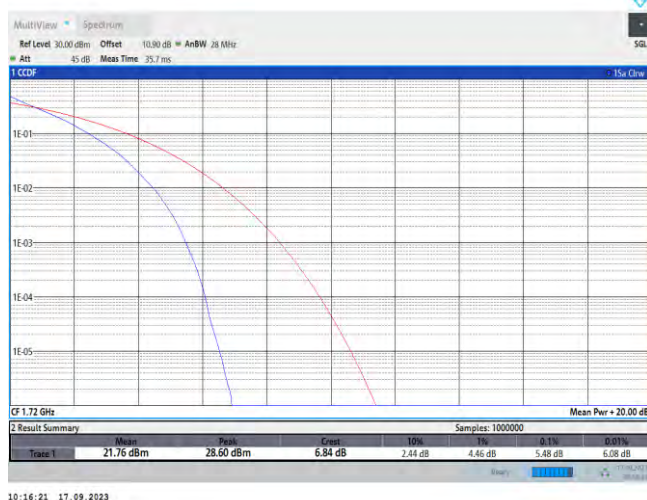
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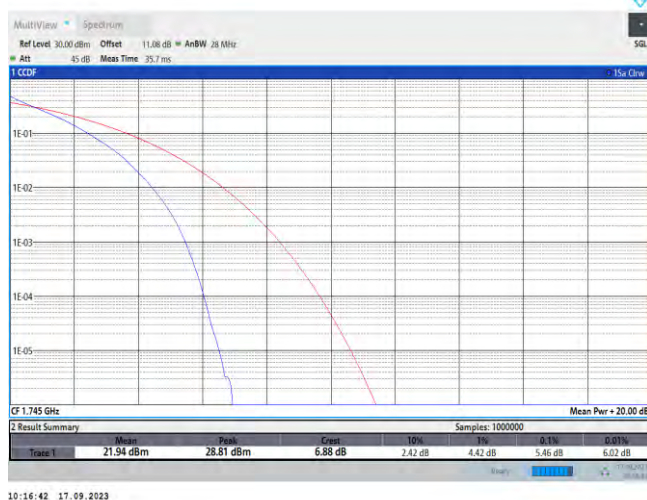
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Test Graphs

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



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



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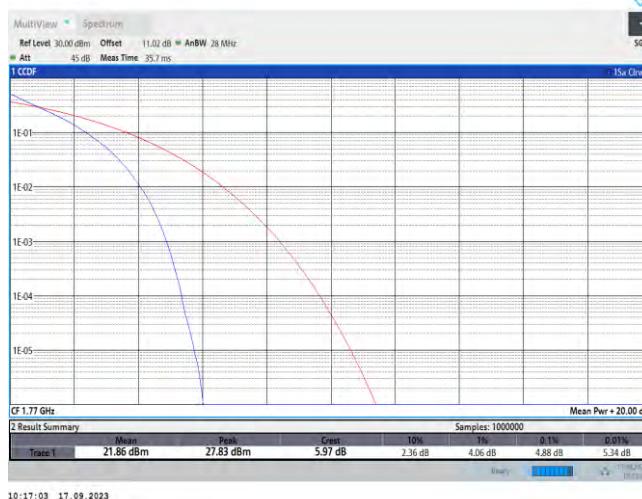
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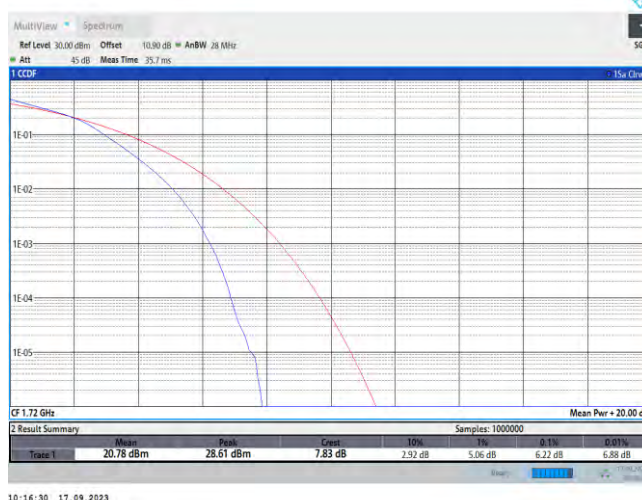
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Band66-20MHz-QPSK-132572-100RB#0



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



10:16:30 17.09.2023



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



10:16:50 17.09.2023

Band66-20MHz-16QAM-132572-100RB#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	1.088	1.29	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.28	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.09	1.29	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.096	1.31	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.098	1.31	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.685	2.91	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.685	2.91	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.685	2.91	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.68	2.93	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.681	2.91	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.679	2.90	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.484	4.99	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.485	4.99	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.482	5.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.484	4.98	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	5.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.483	4.99	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.936	9.64	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.937	9.64	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.957	9.62	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.914	9.74	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.921	9.64	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.921	9.62	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.48	14.76	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.497	14.76	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.5	14.76	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.448	14.79	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.466	14.88	PASS



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Band66	15MHz	16QAM	132597	75RB#0	13.475	14.91	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.946	19.36	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.965	19.52	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.961	19.52	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.882	19.36	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.938	19.44	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.936	19.36	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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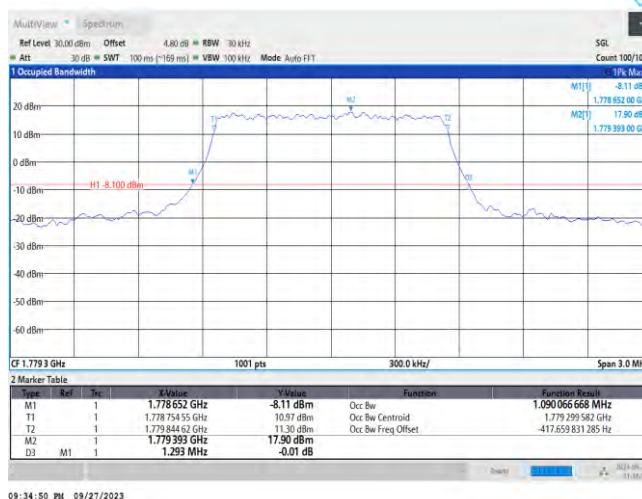
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Band66-1.4MHz-QPSK-132665-6RB#0



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



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



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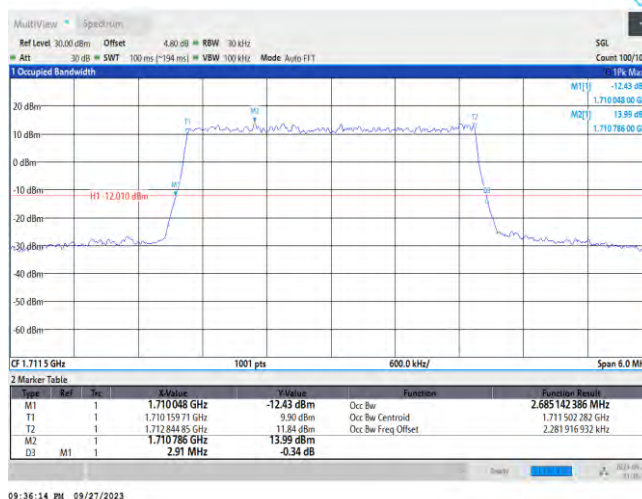
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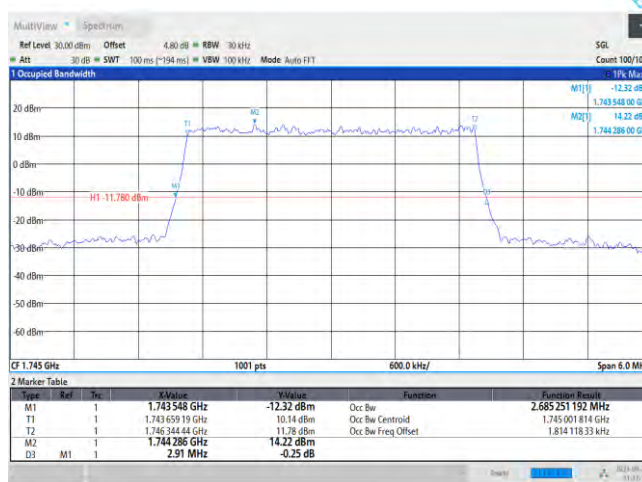
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Band66-3MHz-QPSK-131987-15RB#0



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



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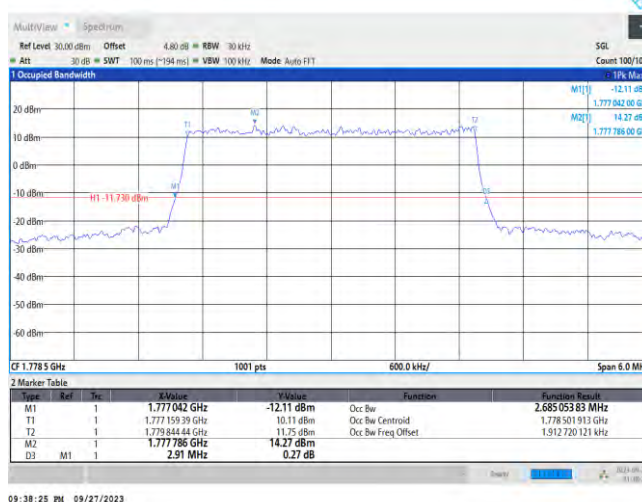
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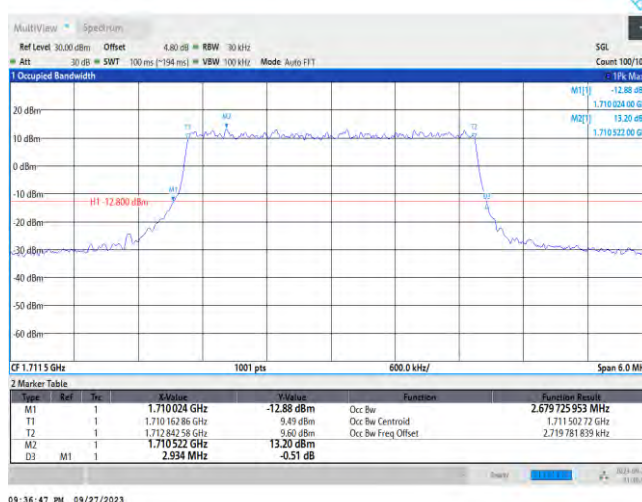
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Band66-3MHz-QPSK-132657-15RB#0



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



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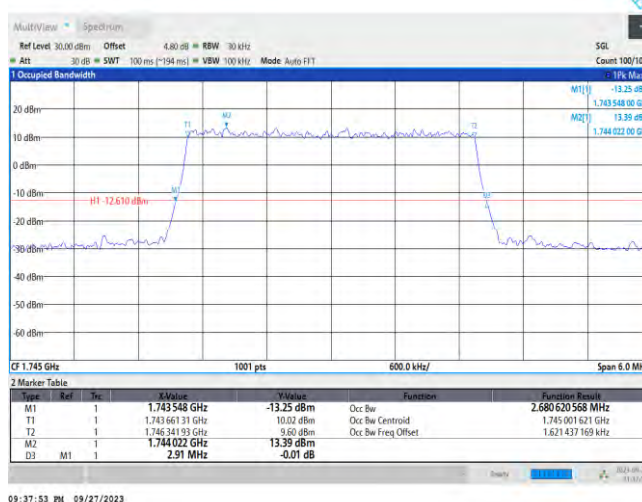
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Band66-3MHz-16QAM-132322-15RB#0



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



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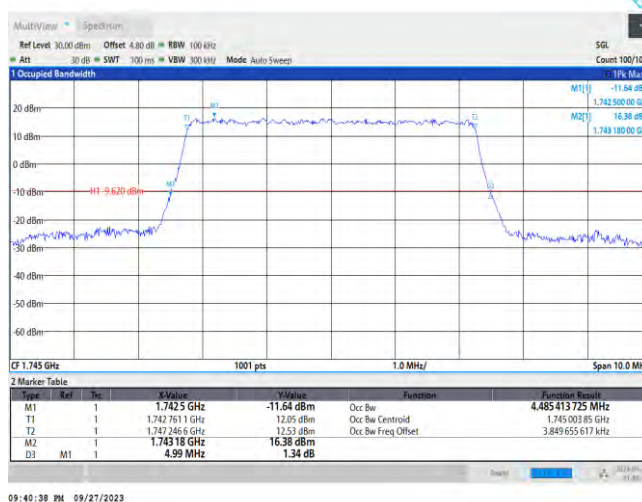
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Band66-5MHz-QPSK-131997-25RB#0



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



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Band66-5MHz-16QAM-131997-25RB#0



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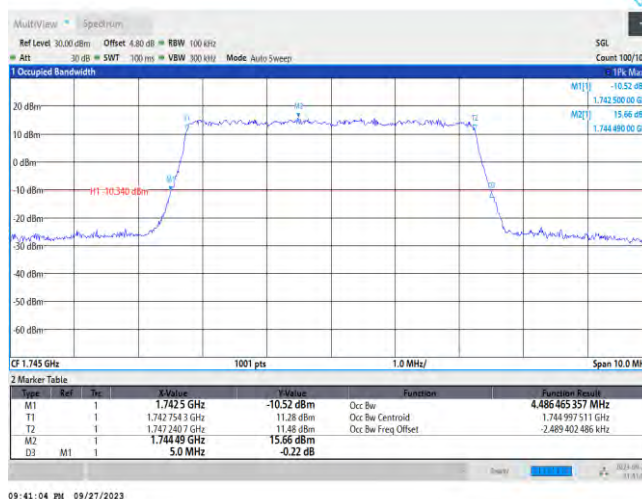
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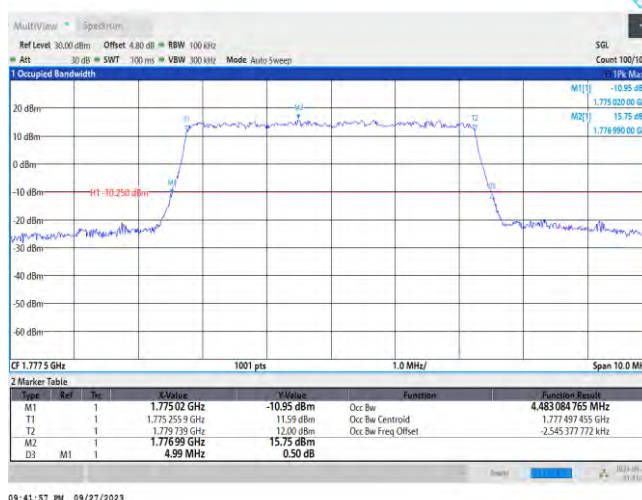
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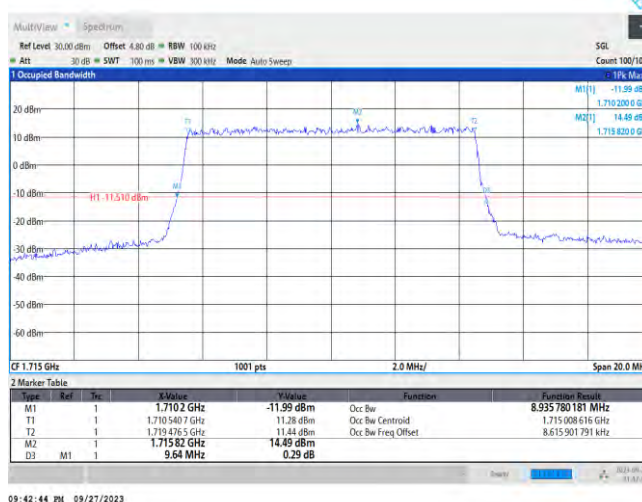
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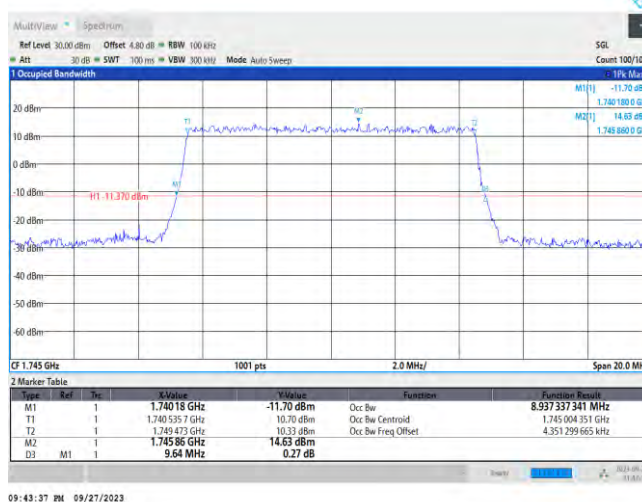
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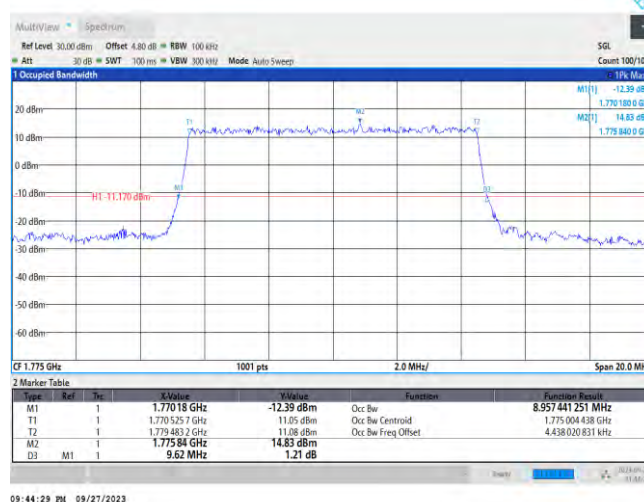
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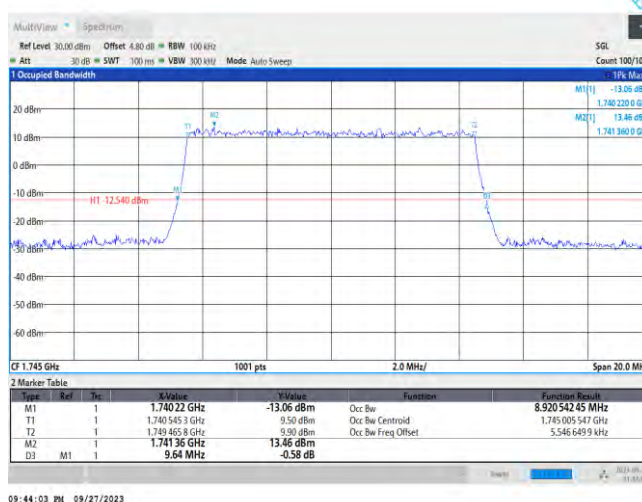
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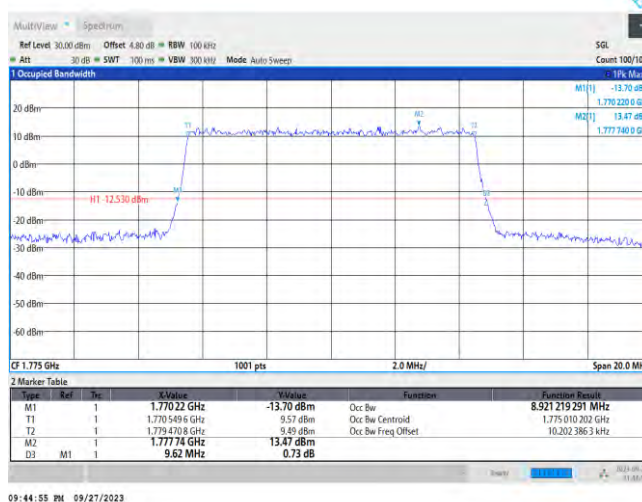
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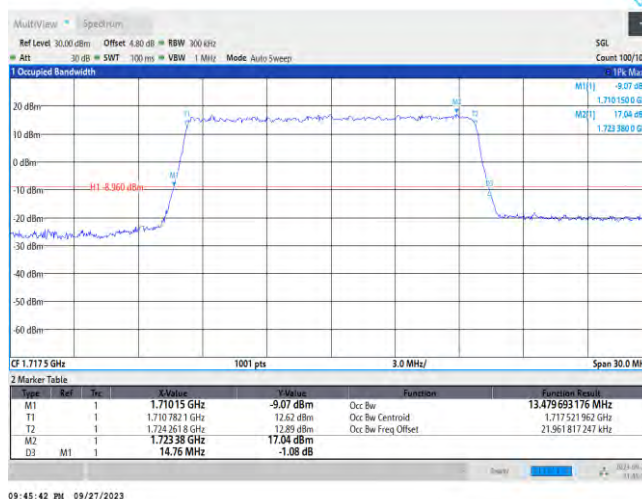
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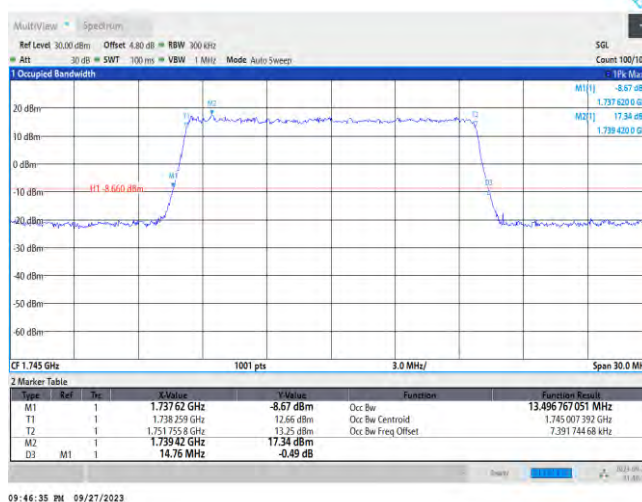
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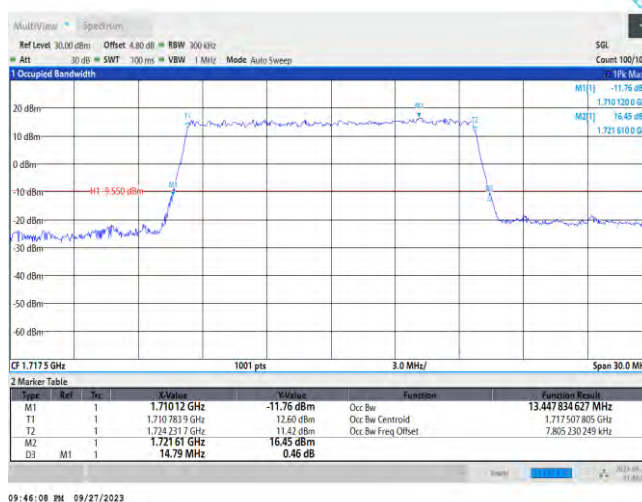
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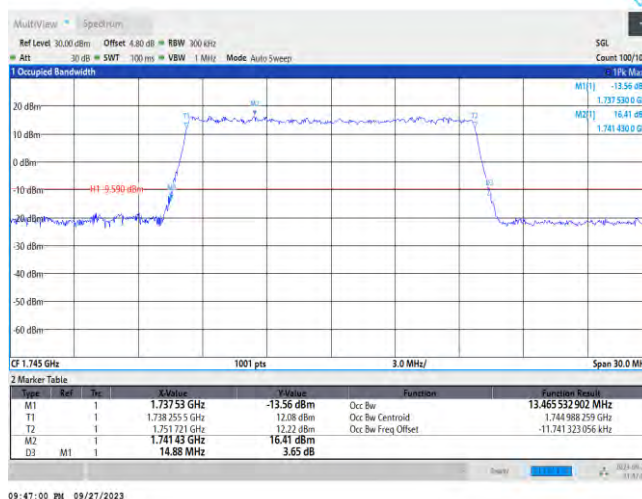
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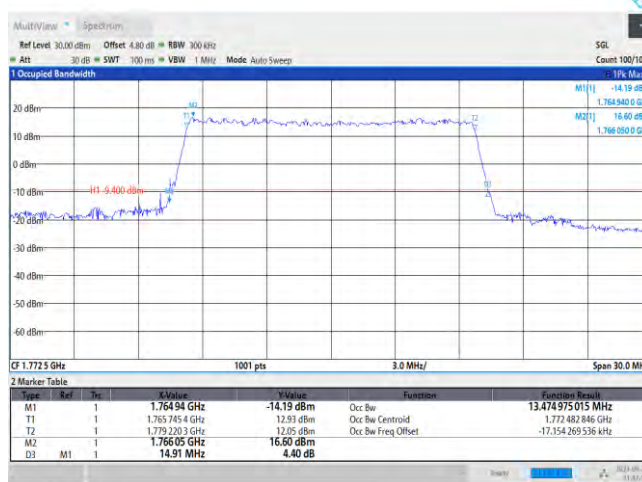
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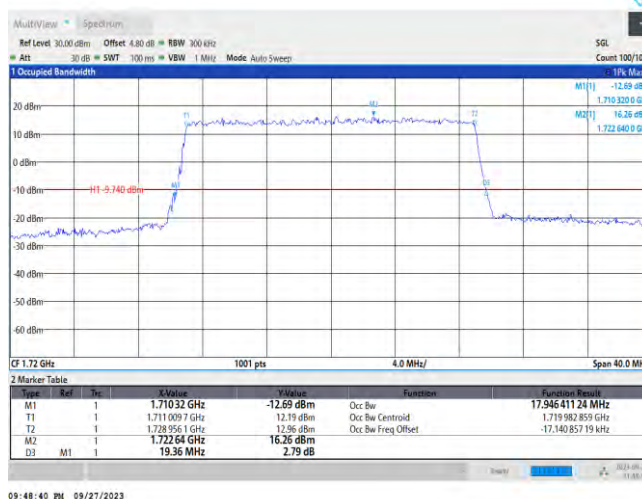
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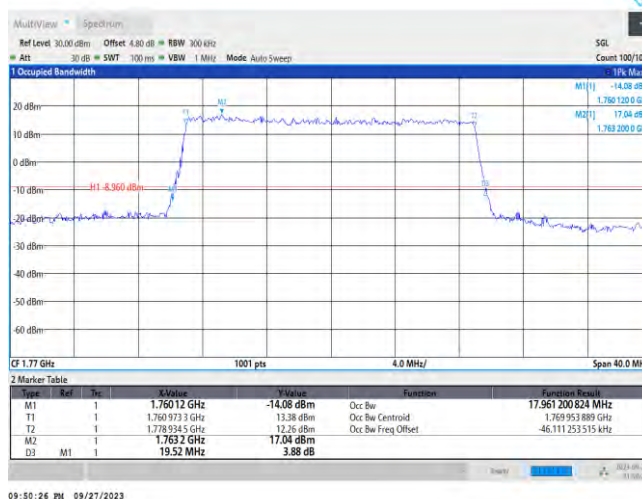
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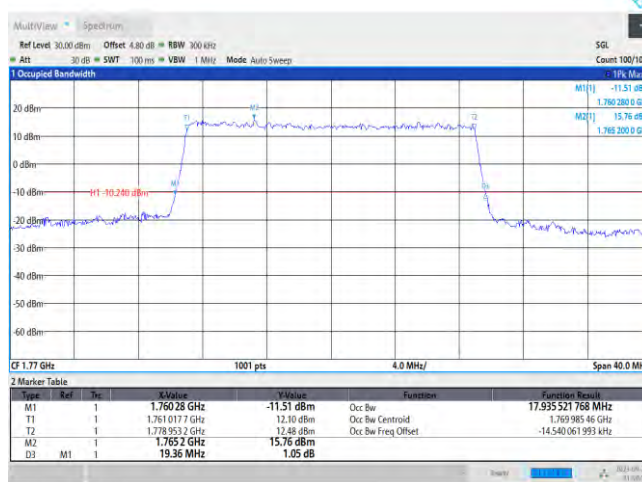
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09:49:59 PM 09/27/2023

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



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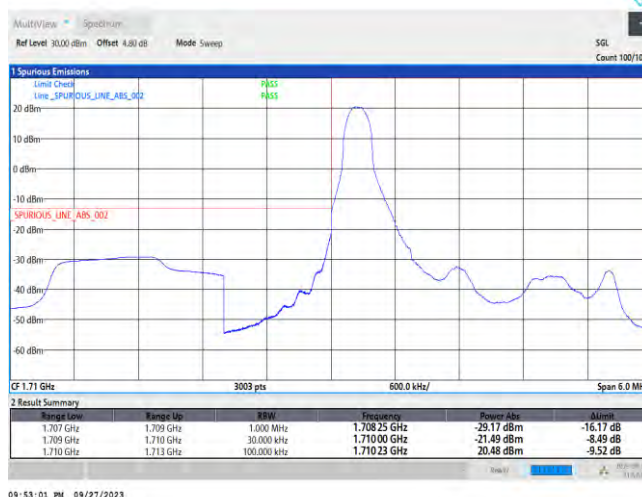
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Band Edge

Test Graphs

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



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



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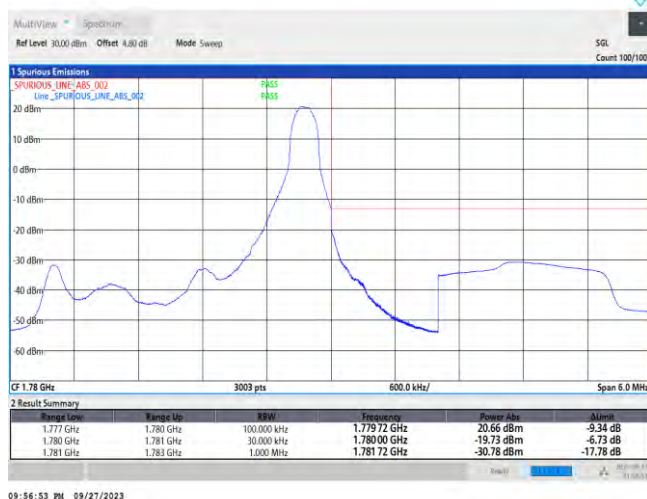
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Band66-1.4MHz-QPSK-132665-1RB#5



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



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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

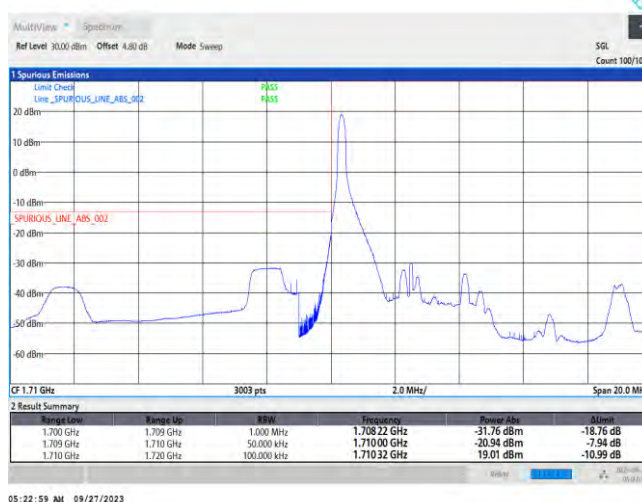


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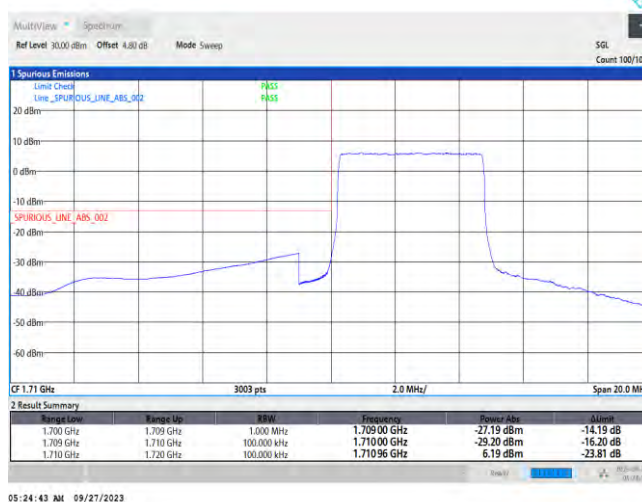
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Band66-5MHz-QPSK-131997-1RB#0



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



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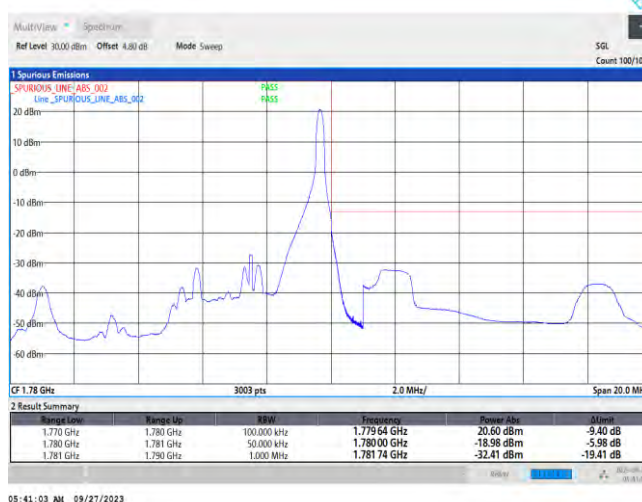
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Band66-5MHz-QPSK-132647-1RB#24



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



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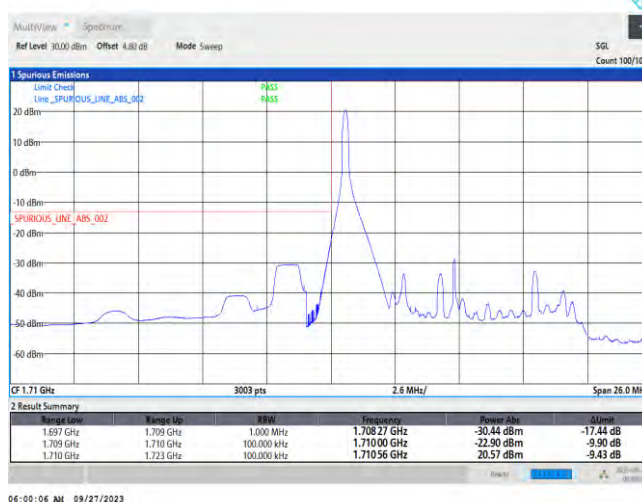
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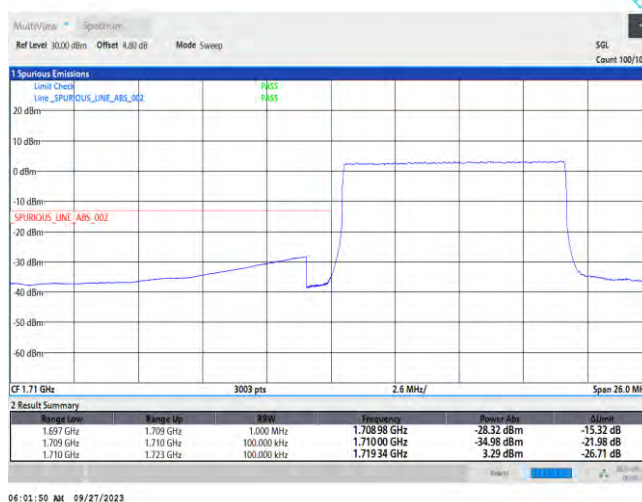
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Band66-10MHz-QPSK-132022-1RB#0



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



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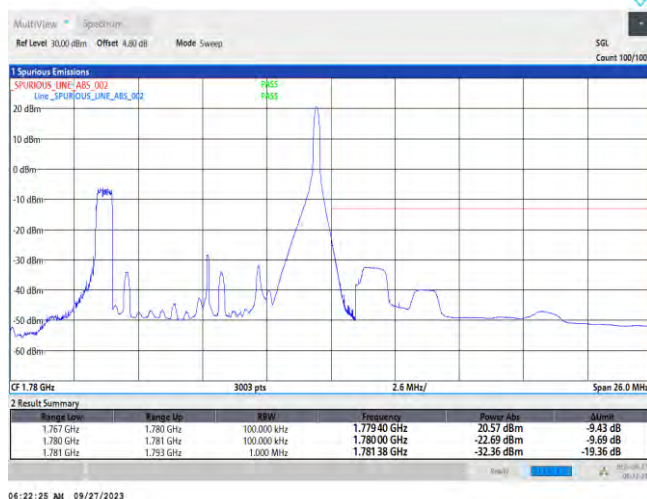
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Band66-10MHz-QPSK-132622-50RB#0



06:24:09 AM 09/27/2023



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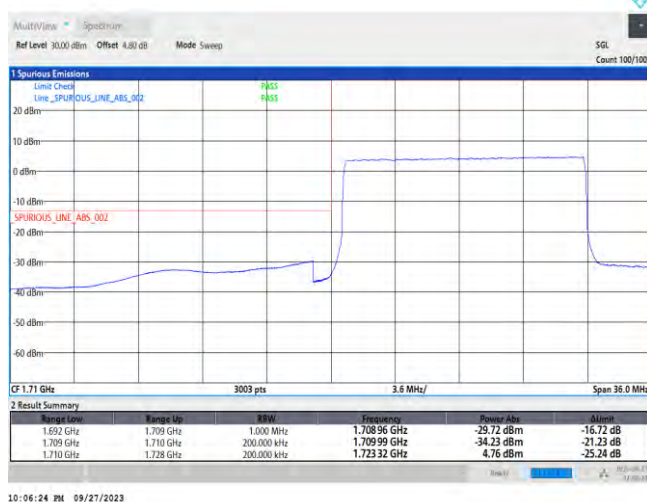
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Band66-15MHz-QPSK-132047-1RB#0



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



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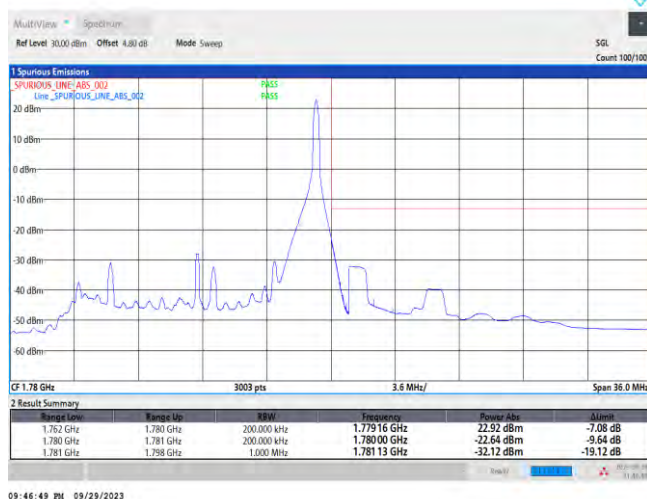
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Band66-15MHz-QPSK-132597-1RB#74



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



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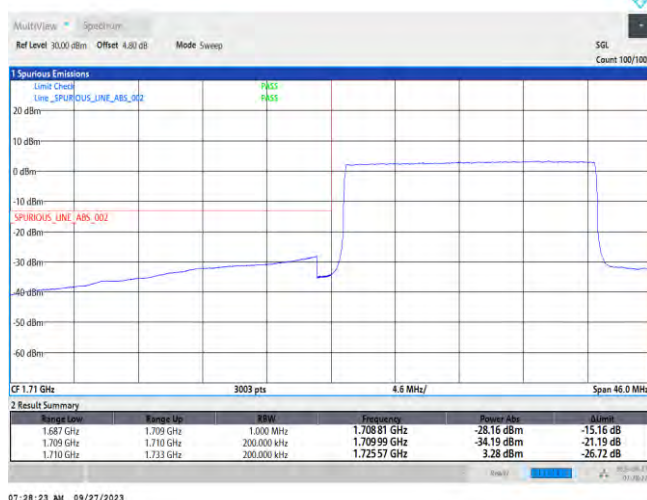
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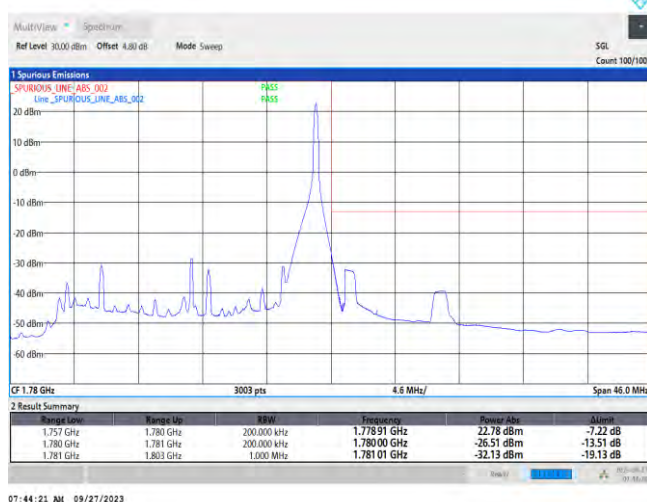
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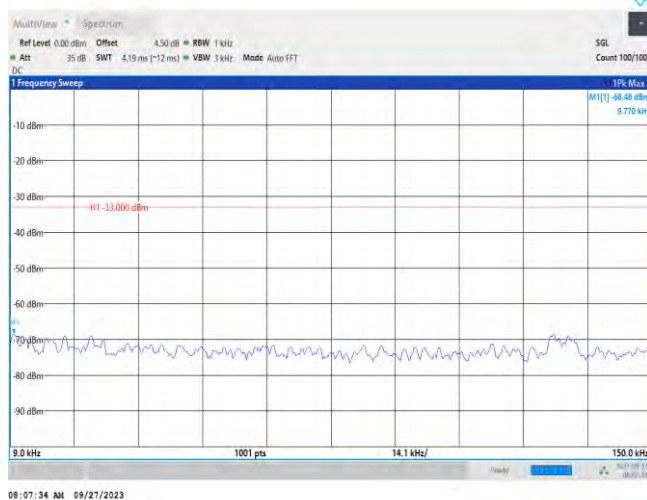
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Conducted Spurious Emission

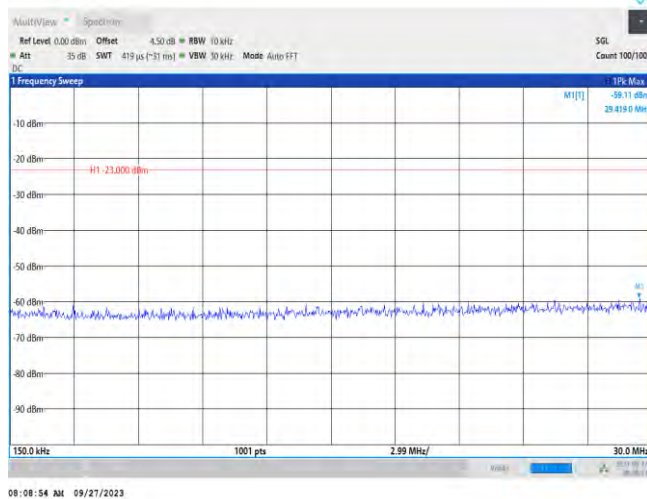
Test Graphs

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



08:07:34 AM 09/27/2023

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



08:08:54 AM 09/27/2023



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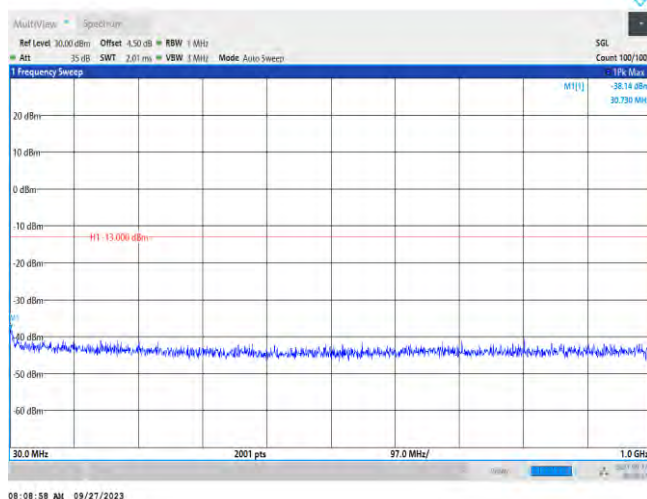
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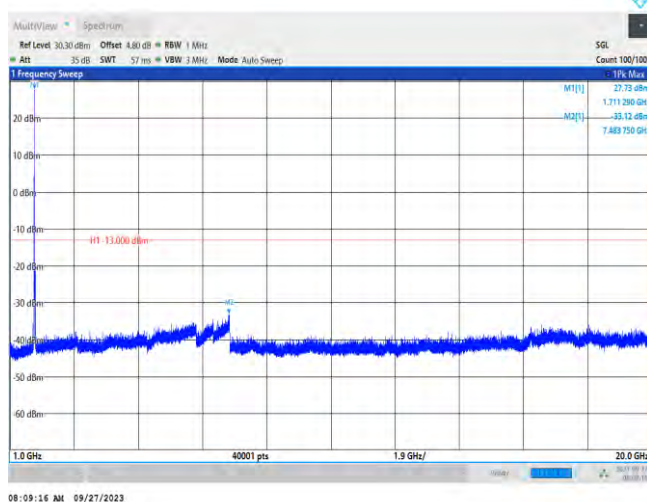
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Band66-20MHz-QPSK-132072-1RB#0-Range3:30~1000MHz



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



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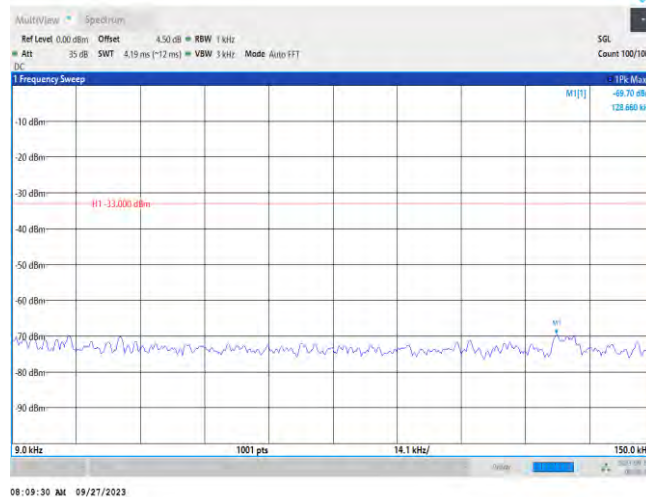
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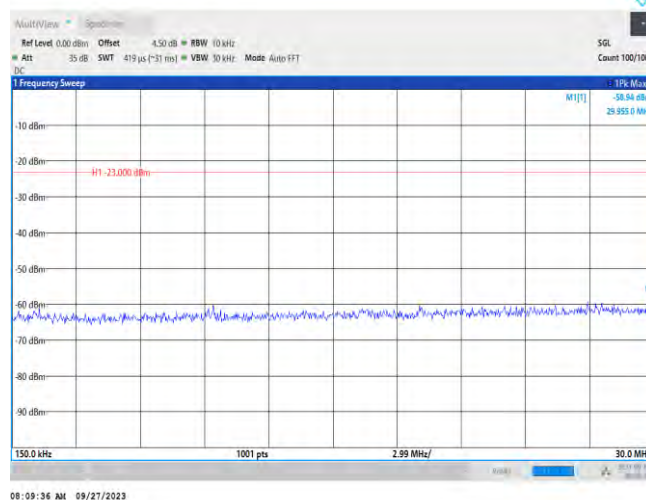
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Band66-20MHz-QPSK-132322-1RB#0-Range1:0.009~0.15MHz



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



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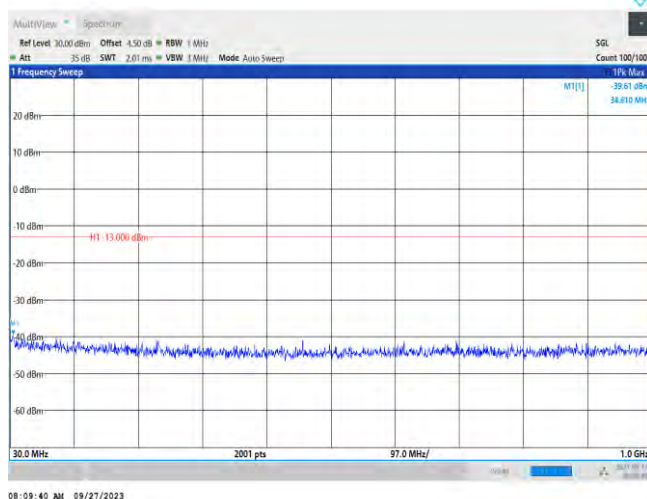
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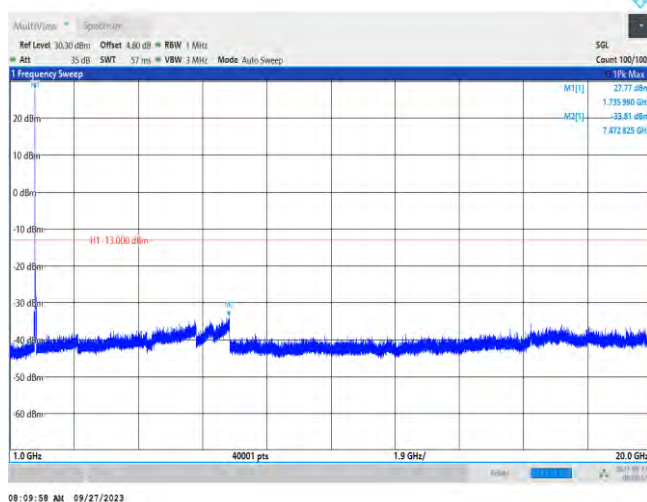
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Band66-20MHz-QPSK-132322-1RB#0-Range3:30~1000MHz



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



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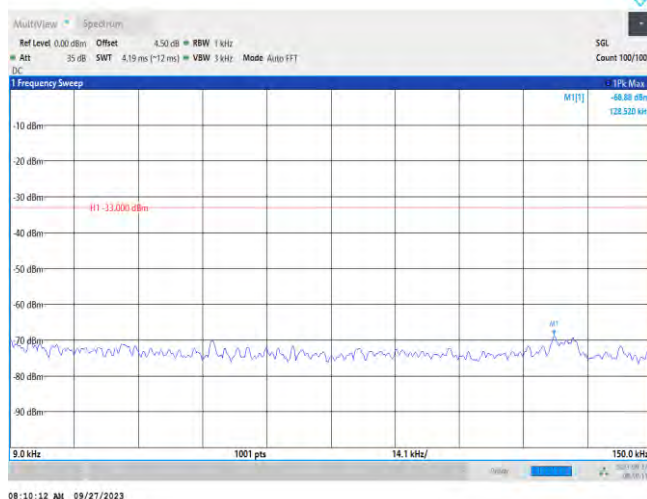
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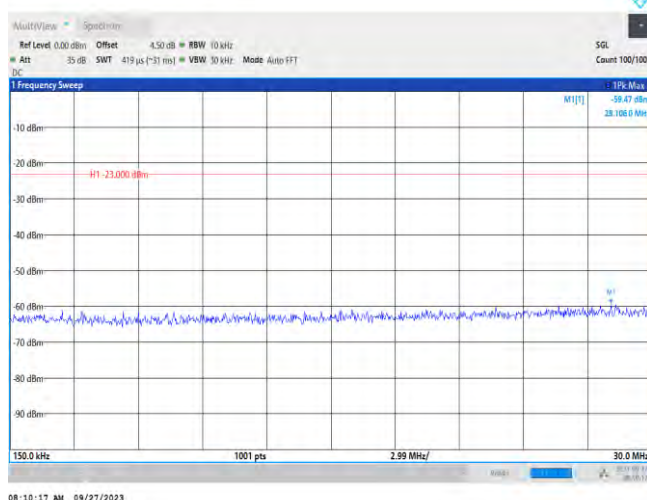
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Band66-20MHz-QPSK-132572-1RB#0-Range1:0.009~0.15MHz



08:10:12 AM 09/27/2023

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



08:10:17 AM 09/27/2023



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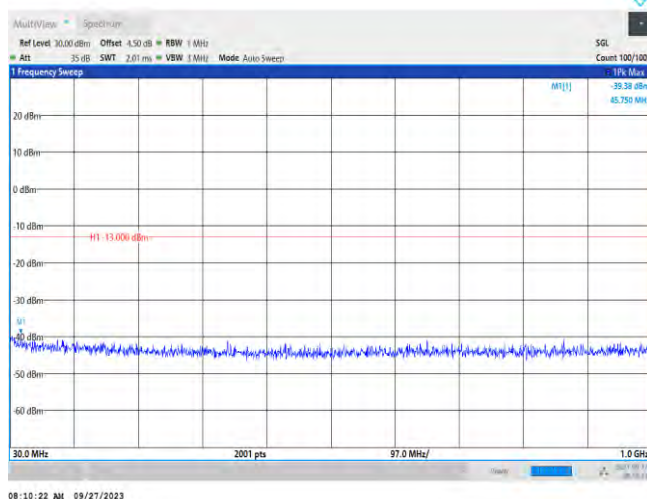
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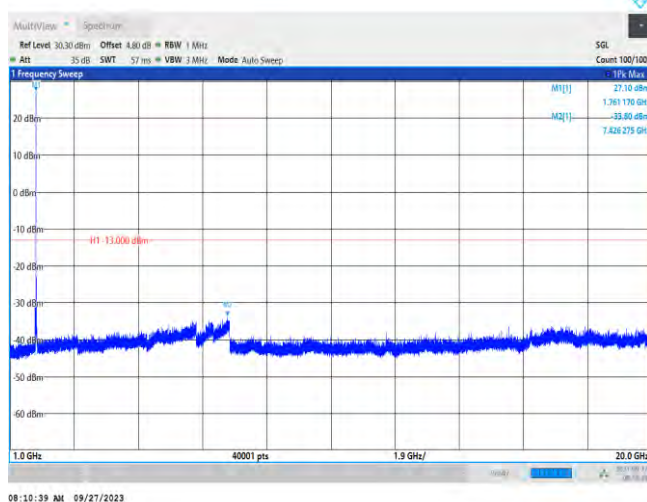
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Band66-20MHz-QPSK-132572-1RB#0-Range3:30~1000MHz



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



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Field Strength of Spurious Radiation

Test Band = LTE_66

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2996.5	37.31	-17.43	28.58	-46.80	-13.00	33.80	Horizontal
2	3422	54.01	-45.33	28.73	-57.85	-13.00	44.85	Horizontal
3	5524.5	50.35	-41.75	32.30	-54.36	-13.00	41.36	Horizontal
4	7426	43.76	-38.28	36.75	-53.03	-13.00	40.03	Horizontal
5	9912.5	42.43	-35.29	38.61	-49.51	-13.00	36.51	Horizontal
6	18000	41.88	-43.04	48.20	-48.22	-13.00	35.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2972.5	37.34	-17.16	28.44	-46.64	-13.00	33.64	Vertical
2	3422	54.68	-45.33	28.73	-57.18	-13.00	44.18	Vertical
3	5524.5	48.89	-41.75	32.30	-55.82	-13.00	42.82	Vertical
4	7423	44.40	-38.28	36.75	-52.39	-13.00	39.39	Vertical
5	11093.5	43.20	-37.55	40.19	-49.42	-13.00	36.42	Vertical
6	17999	40.95	-43.05	48.18	-49.18	-13.00	36.18	Vertical



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Test Band = LTE_66

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2970	37.17	-17.11	28.42	-46.78	-13.00	33.78	Horizontal
2	3472	49.98	-45.19	28.99	-61.48	-13.00	48.48	Horizontal
3	5524.5	50.17	-41.75	32.30	-54.54	-13.00	41.54	Horizontal
4	6944.5	45.98	-39.44	35.31	-53.41	-13.00	40.41	Horizontal
5	11038.5	42.87	-37.21	40.14	-49.46	-13.00	36.46	Horizontal
6	17997	41.26	-43.06	48.15	-48.91	-13.00	35.91	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2974.5	37.18	-17.20	28.45	-46.83	-13.00	33.83	Vertical
2	3472	52.38	-45.19	28.99	-59.08	-13.00	46.08	Vertical
3	5524.5	50.04	-41.75	32.30	-54.67	-13.00	41.67	Vertical
4	7393	44.16	-38.32	36.67	-52.75	-13.00	39.75	Vertical
5	10971	43.14	-37.11	40.13	-49.10	-13.00	36.10	Vertical
6	17990	41.20	-43.12	48.02	-49.16	-13.00	36.16	Vertical



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Test Band = LTE_66

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3000	37.40	-17.44	28.60	-46.70	-13.00	33.70	Horizontal
2	3522	50.86	-44.94	29.06	-60.28	-13.00	47.28	Horizontal
3	5524.5	51.13	-41.75	32.30	-53.58	-13.00	40.58	Horizontal
4	7406.5	44.27	-38.28	36.71	-52.56	-13.00	39.56	Horizontal
5	10963.5	42.98	-37.14	40.14	-49.28	-13.00	36.28	Horizontal
6	17996	41.41	-43.07	48.13	-48.79	-13.00	35.79	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2998	37.43	-17.44	28.59	-46.68	-13.00	33.68	Vertical
2	3522	52.07	-44.94	29.06	-59.07	-13.00	46.07	Vertical
3	5524.5	49.26	-41.75	32.30	-55.45	-13.00	42.45	Vertical
4	7771.5	44.13	-37.80	36.49	-52.44	-13.00	39.44	Vertical
5	10694	44.06	-37.75	39.49	-49.46	-13.00	36.46	Vertical
6	17995	40.89	-43.08	48.11	-49.34	-13.00	36.34	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

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	12.30	0.007049	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-16.01	-0.009175	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-19.51	-0.011181	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-16.45	-0.009427	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-8.47	-0.004854	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-10.60	-0.006074	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-15.48	-0.008871	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-13.15	-0.007536	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-8.41	-0.004819	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	5.87	0.003364	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-11.07	-0.006344	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-15.22	-0.008722	PASS

---End of Attachment---



SGS-CSTC Standards Technical Services (Xi'an) Co., Ltd.
Wireless Laboratory

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