



Appendix B.5

LTE Band 66



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Effective (Isotropic) Radiated Power Output Data**Test Result**

ANT3

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	23.97	27.57	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#2	23.98	27.58	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	24.02	27.62	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	23.03	26.63	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	24.18	27.78	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	24.23	27.83	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	24.21	27.81	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	23.14	26.74	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	24.16	27.76	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	24.24	27.84	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	24.19	27.79	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	23.17	26.77	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	23.26	26.86	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	23.34	26.94	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	23.16	26.76	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	22.03	25.63	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	23.37	26.97	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	23.43	27.03	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	23.42	27.02	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	22.15	25.75	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	23.44	27.04	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	23.41	27.01	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	23.46	27.06	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	22.19	25.79	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	22.01	25.61	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.94	25.54	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.93	25.53	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	20.84	24.44	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	22.09	25.69	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	22.07	25.67	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	22.10	25.70	30	PASS



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Band66	1.4MHz	64QAM	132322	6RB#0	20.95	24.55	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	22.04	25.64	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	22.02	25.62	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	22.10	25.70	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.91	24.51	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	19.02	22.62	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	19.05	22.65	30	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	18.94	22.54	30	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	18.34	21.94	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	18.99	22.59	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	18.98	22.58	30	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	18.98	22.58	30	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	18.33	21.93	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	18.83	22.43	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	18.85	22.45	30	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	18.84	22.44	30	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	18.69	22.29	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	24.03	27.63	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	24.03	27.63	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	24.03	27.63	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.99	26.59	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	24.15	27.75	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	24.13	27.73	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	24.14	27.74	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	23.14	26.74	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	24.17	27.77	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	24.18	27.78	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	24.17	27.77	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	23.19	26.79	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	23.31	26.91	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	23.15	26.75	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	23.23	26.83	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	22.02	25.62	30	PASS
Band66	3MHz	16QAM	132322	1RB#0	23.28	26.88	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	23.36	26.96	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	23.45	27.05	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	22.14	25.74	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	23.42	27.02	30	PASS



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Band66	3MHz	16QAM	132657	1RB#8	23.40	27.00	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	23.43	27.03	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	22.20	25.80	30	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.93	25.53	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.89	25.49	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	22.00	25.60	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.94	24.54	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	22.05	25.65	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	22.14	25.74	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	22.20	25.80	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	21.00	24.60	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	22.12	25.72	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.93	25.53	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	22.02	25.62	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.87	24.47	30	PASS
Band66	3MHz	256QAM	131987	1RB#0	18.91	22.51	30	PASS
Band66	3MHz	256QAM	131987	1RB#8	18.82	22.42	30	PASS
Band66	3MHz	256QAM	131987	1RB#14	18.90	22.50	30	PASS
Band66	3MHz	256QAM	131987	15RB#0	18.78	22.38	30	PASS
Band66	3MHz	256QAM	132322	1RB#0	18.99	22.59	30	PASS
Band66	3MHz	256QAM	132322	1RB#8	18.92	22.52	30	PASS
Band66	3MHz	256QAM	132322	1RB#14	18.98	22.58	30	PASS
Band66	3MHz	256QAM	132322	15RB#0	18.61	22.21	30	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.93	22.53	30	PASS
Band66	3MHz	256QAM	132657	1RB#8	18.92	22.52	30	PASS
Band66	3MHz	256QAM	132657	1RB#14	18.90	22.50	30	PASS
Band66	3MHz	256QAM	132657	15RB#0	18.21	21.81	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	24.06	27.66	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	24.08	27.68	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	24.12	27.72	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	23.04	26.64	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	24.24	27.84	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	24.18	27.78	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	24.26	27.86	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	23.13	26.73	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	24.23	27.83	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	24.23	27.83	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	24.22	27.82	30	PASS



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Band66	5MHz	QPSK	132647	25RB#0	23.22	26.82	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	23.29	26.89	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.26	26.86	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	23.35	26.95	30	PASS
Band66	5MHz	16QAM	131997	25RB#0	22.04	25.64	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	23.49	27.09	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	23.49	27.09	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	23.46	27.06	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	22.14	25.74	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	23.49	27.09	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	23.33	26.93	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	23.40	27.00	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	22.18	25.78	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.96	25.56	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	22.06	25.66	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	22.12	25.72	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.89	24.49	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	22.19	25.79	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	22.25	25.85	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	22.12	25.72	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.93	24.53	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	22.13	25.73	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	22.10	25.70	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	22.14	25.74	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.96	24.56	30	PASS
Band66	5MHz	256QAM	131997	1RB#0	18.89	22.49	30	PASS
Band66	5MHz	256QAM	131997	1RB#12	18.86	22.46	30	PASS
Band66	5MHz	256QAM	131997	1RB#24	18.94	22.54	30	PASS
Band66	5MHz	256QAM	131997	25RB#0	18.63	22.23	30	PASS
Band66	5MHz	256QAM	132322	1RB#0	18.98	22.58	30	PASS
Band66	5MHz	256QAM	132322	1RB#12	18.94	22.54	30	PASS
Band66	5MHz	256QAM	132322	1RB#24	18.91	22.51	30	PASS
Band66	5MHz	256QAM	132322	25RB#0	18.27	21.87	30	PASS
Band66	5MHz	256QAM	132647	1RB#0	18.88	22.48	30	PASS
Band66	5MHz	256QAM	132647	1RB#12	18.93	22.53	30	PASS
Band66	5MHz	256QAM	132647	1RB#24	18.81	22.41	30	PASS
Band66	5MHz	256QAM	132647	25RB#0	18.58	22.18	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	24.09	27.69	30	PASS



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Band66	10MHz	QPSK	132022	1RB#24	24.10	27.70	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	24.12	27.72	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	23.12	26.72	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	24.23	27.83	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	24.24	27.84	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	24.26	27.86	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	23.23	26.83	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	24.26	27.86	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	24.20	27.80	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	24.28	27.88	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	23.26	26.86	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	23.28	26.88	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	23.27	26.87	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	23.30	26.90	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	22.07	25.67	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	23.32	26.92	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	23.50	27.10	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	23.50	27.10	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	22.18	25.78	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	23.46	27.06	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	23.37	26.97	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	23.32	26.92	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	22.21	25.81	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	22.01	25.61	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	22.04	25.64	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	22.15	25.75	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.89	24.49	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	22.23	25.83	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	22.21	25.81	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	22.20	25.80	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	21.02	24.62	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	22.08	25.68	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	22.10	25.70	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	22.14	25.74	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.98	24.58	30	PASS
Band66	10MHz	256QAM	132022	1RB#0	18.87	22.47	30	PASS
Band66	10MHz	256QAM	132022	1RB#24	18.92	22.52	30	PASS
Band66	10MHz	256QAM	132022	1RB#49	18.96	22.56	30	PASS



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Band66	10MHz	256QAM	132022	50RB#0	18.40	22.00	30	PASS
Band66	10MHz	256QAM	132322	1RB#0	19.02	22.62	30	PASS
Band66	10MHz	256QAM	132322	1RB#24	18.99	22.59	30	PASS
Band66	10MHz	256QAM	132322	1RB#49	18.99	22.59	30	PASS
Band66	10MHz	256QAM	132322	50RB#0	18.39	21.99	30	PASS
Band66	10MHz	256QAM	132622	1RB#0	18.88	22.48	30	PASS
Band66	10MHz	256QAM	132622	1RB#24	18.86	22.46	30	PASS
Band66	10MHz	256QAM	132622	1RB#49	18.86	22.46	30	PASS
Band66	10MHz	256QAM	132622	50RB#0	18.43	22.03	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	24.03	27.63	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	24.11	27.71	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	24.22	27.82	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	23.12	26.72	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.96	27.56	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	24.19	27.79	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	24.20	27.80	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	23.18	26.78	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	24.04	27.64	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	24.24	27.84	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	24.21	27.81	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	23.23	26.83	30	PASS
Band66	15MHz	16QAM	132047	1RB#0	23.34	26.94	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	23.40	27.00	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	23.40	27.00	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	22.12	25.72	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	23.47	27.07	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	23.49	27.09	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	23.47	27.07	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	22.14	25.74	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	23.49	27.09	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	23.32	26.92	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	23.51	27.11	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	22.19	25.79	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.98	25.58	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	22.10	25.70	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	22.18	25.78	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.89	24.49	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	22.12	25.72	30	PASS



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Band66	15MHz	64QAM	132322	1RB#38	22.15	25.75	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	22.13	25.73	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.97	24.57	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	22.06	25.66	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	22.09	25.69	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	22.08	25.68	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.99	24.59	30	PASS
Band66	15MHz	256QAM	132047	1RB#0	18.88	22.48	30	PASS
Band66	15MHz	256QAM	132047	1RB#38	18.85	22.45	30	PASS
Band66	15MHz	256QAM	132047	1RB#74	19.01	22.61	30	PASS
Band66	15MHz	256QAM	132047	75RB#0	18.39	21.99	30	PASS
Band66	15MHz	256QAM	132322	1RB#0	19.02	22.62	30	PASS
Band66	15MHz	256QAM	132322	1RB#38	18.96	22.56	30	PASS
Band66	15MHz	256QAM	132322	1RB#74	19.00	22.60	30	PASS
Band66	15MHz	256QAM	132322	75RB#0	18.56	22.16	30	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.84	22.44	30	PASS
Band66	15MHz	256QAM	132597	1RB#38	18.81	22.41	30	PASS
Band66	15MHz	256QAM	132597	1RB#74	18.84	22.44	30	PASS
Band66	15MHz	256QAM	132597	75RB#0	18.29	21.89	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	24.01	27.61	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	24.17	27.77	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	24.20	27.80	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	23.14	26.74	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	21.46	25.06	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	24.17	27.77	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	24.19	27.79	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	23.19	26.79	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.87	27.47	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	24.21	27.81	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	24.17	27.77	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	23.21	26.81	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	23.38	26.98	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	23.40	27.00	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	23.48	27.08	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	22.07	25.67	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	23.48	27.08	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	23.57	27.17	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	23.43	27.03	30	PASS



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Band66	20MHz	16QAM	132322	100RB#0	22.12	25.72	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	23.59	27.19	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	23.56	27.16	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	23.53	27.13	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	22.16	25.76	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	22.00	25.60	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	22.10	25.70	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	22.21	25.81	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.94	24.54	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	22.13	25.73	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	22.10	25.70	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	22.13	25.73	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.96	24.56	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	22.17	25.77	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	22.15	25.75	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	22.12	25.72	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.91	24.51	30	PASS
Band66	20MHz	256QAM	132072	1RB#0	18.89	22.49	30	PASS
Band66	20MHz	256QAM	132072	1RB#49	18.86	22.46	30	PASS
Band66	20MHz	256QAM	132072	1RB#99	18.79	22.39	30	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.97	21.57	30	PASS
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Band66	20MHz	256QAM	132322	1RB#49	18.94	22.54	30	PASS
Band66	20MHz	256QAM	132322	1RB#99	18.95	22.55	30	PASS
Band66	20MHz	256QAM	132322	100RB#0	18.59	22.19	30	PASS
Band66	20MHz	256QAM	132572	1RB#0	18.88	22.48	30	PASS
Band66	20MHz	256QAM	132572	1RB#49	18.88	22.48	30	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.96	22.56	30	PASS
Band66	20MHz	256QAM	132572	100RB#0	18.42	22.02	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	5.33	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.22	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.36	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.09	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.00	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.12	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.23	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.26	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.35	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	6.35	13	PASS
Band66	20MHz	256QAM	132322	100RB#0	6.38	13	PASS
Band66	20MHz	256QAM	132572	100RB#0	6.43	13	PASS

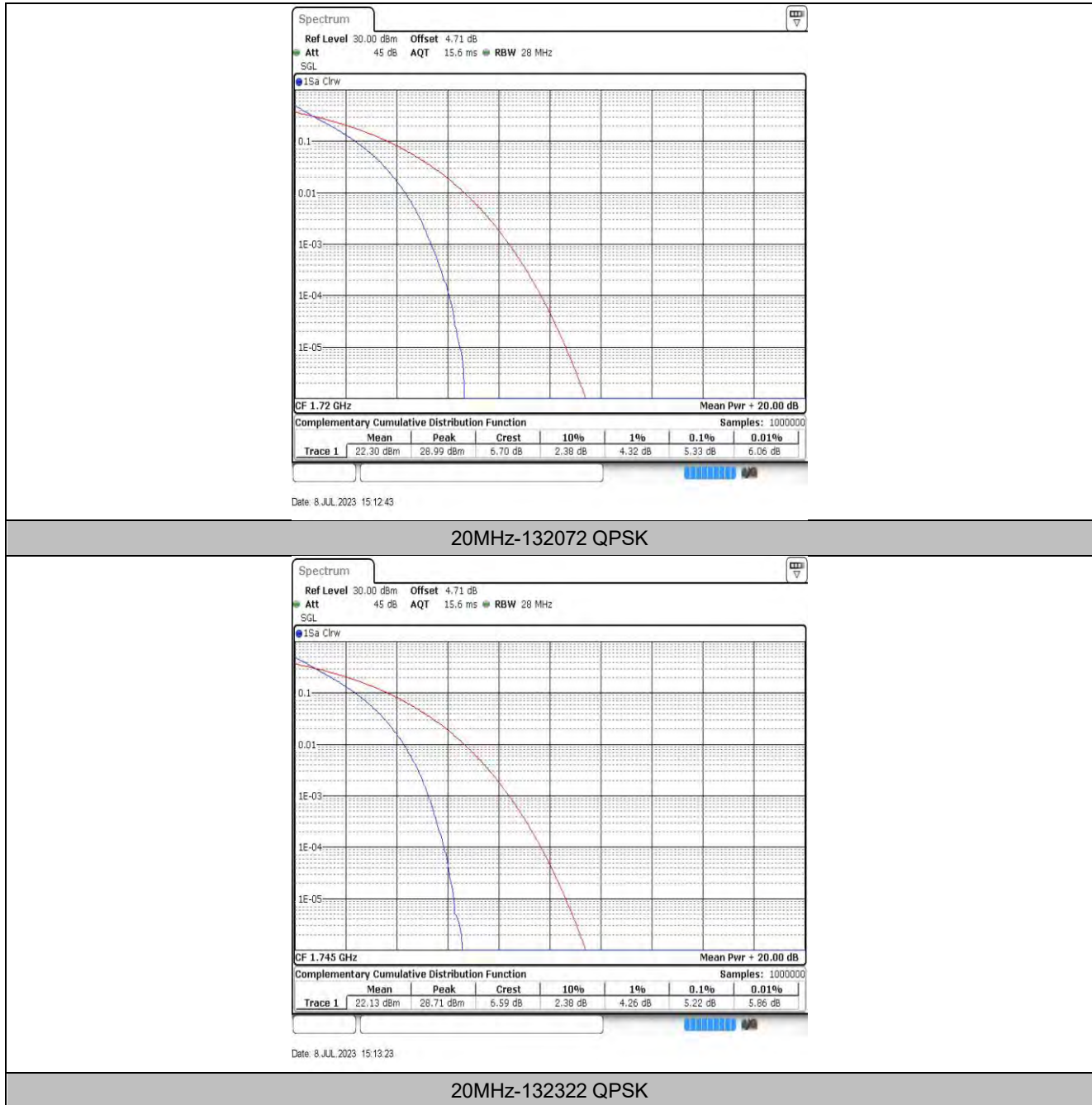


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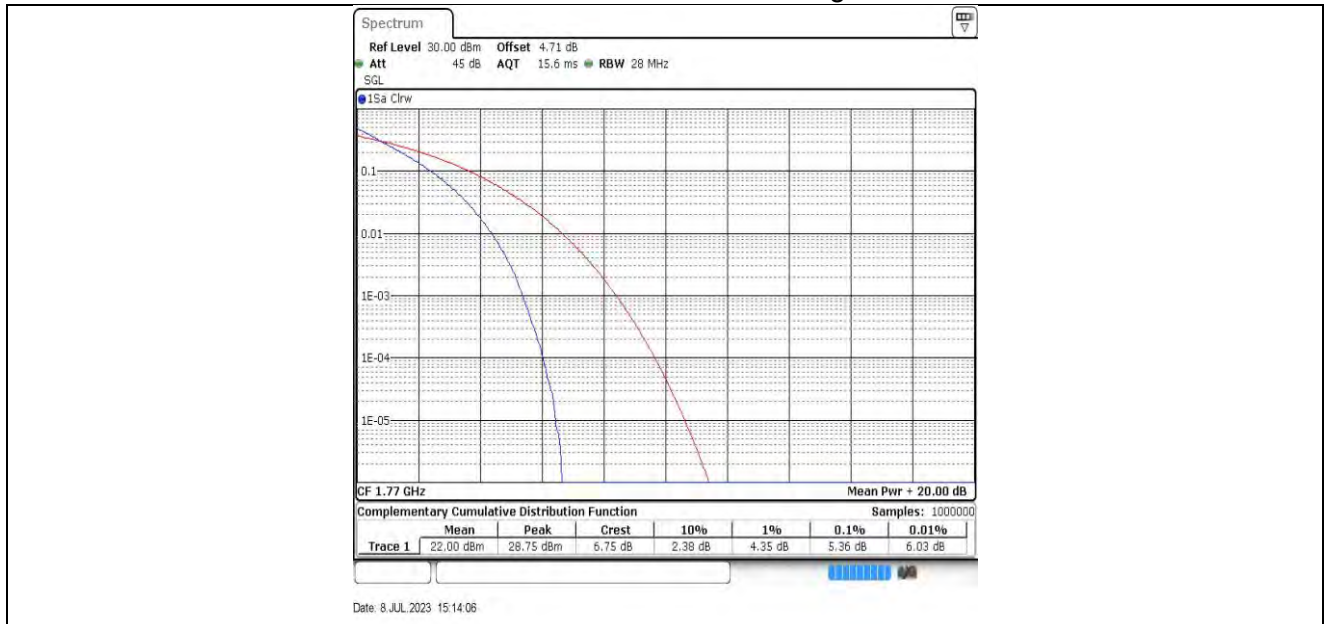
Test Graphs



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20MHz-132572 QPSK



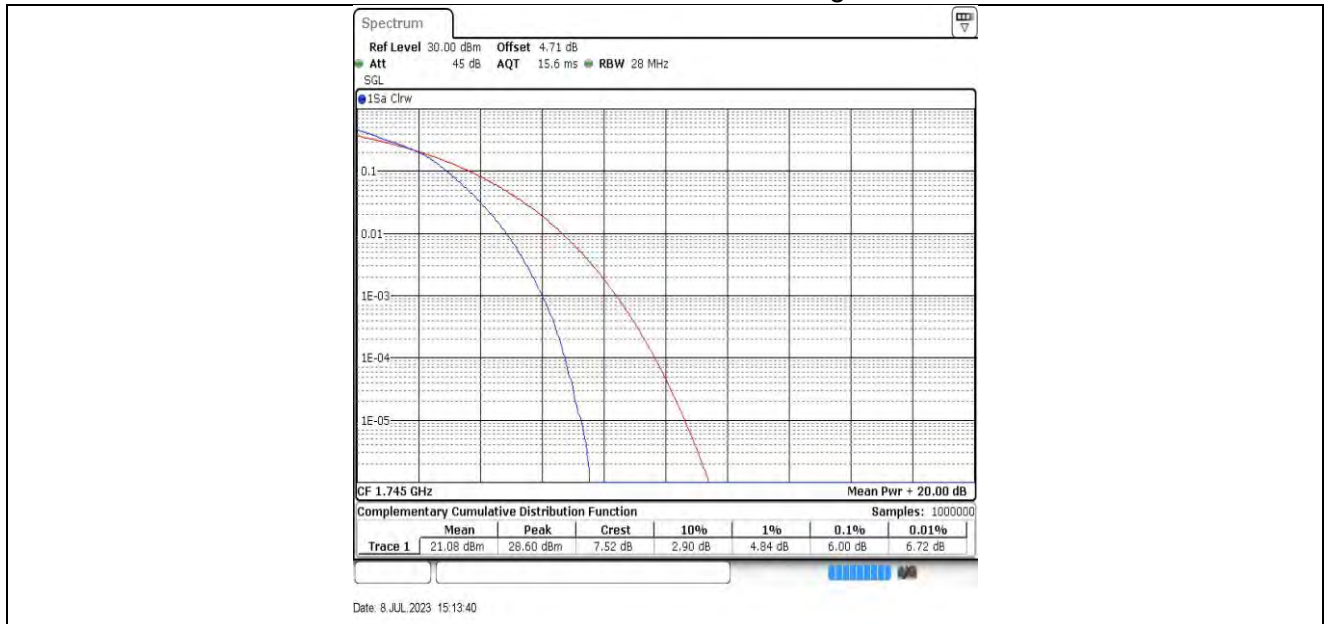
20MHz-132072 16QAM



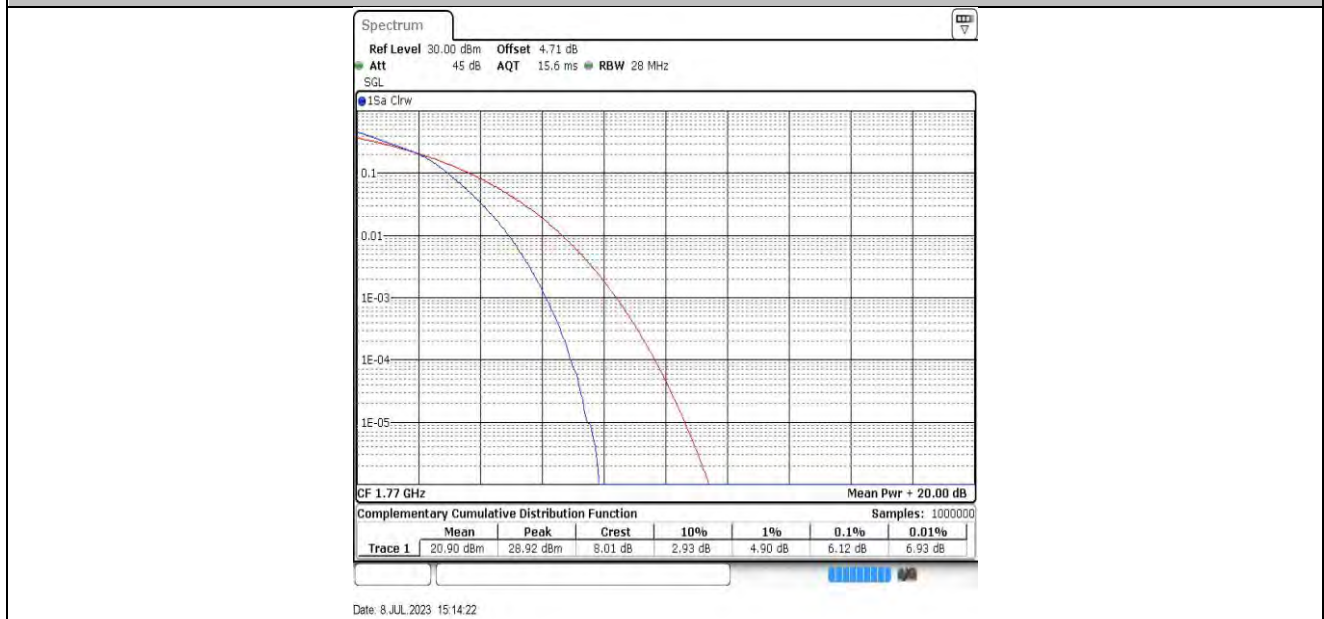
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20MHz-132322 16QAM



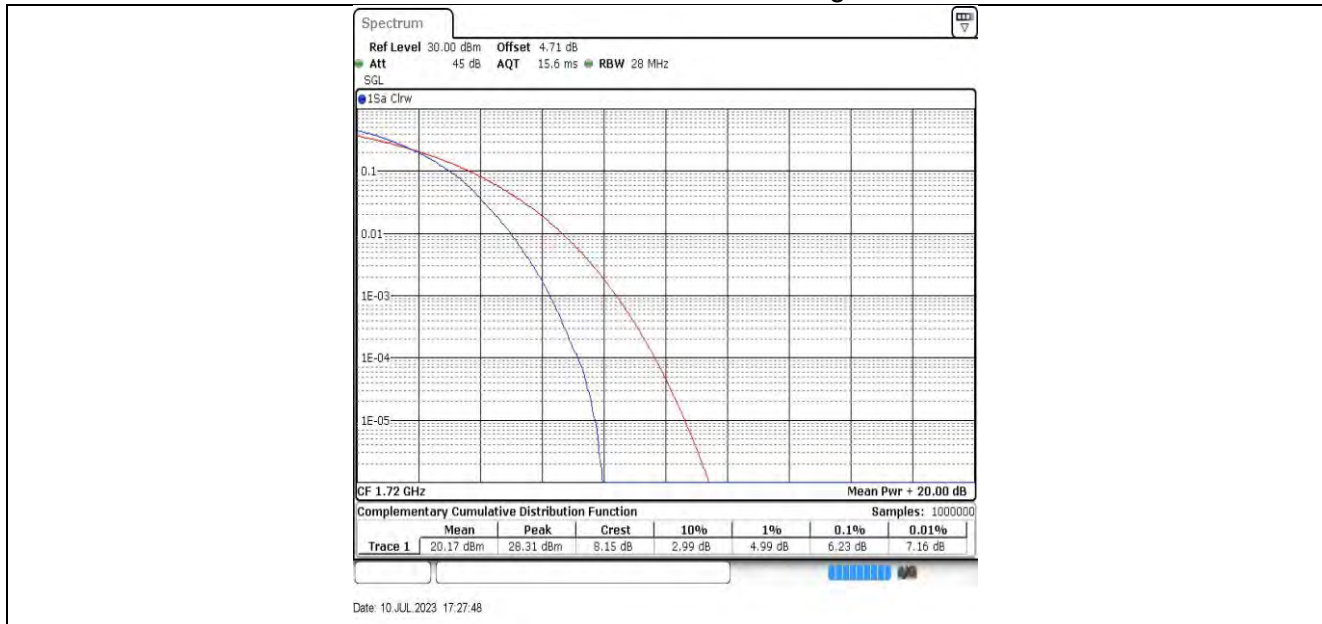
20MHz-132572 16QAM



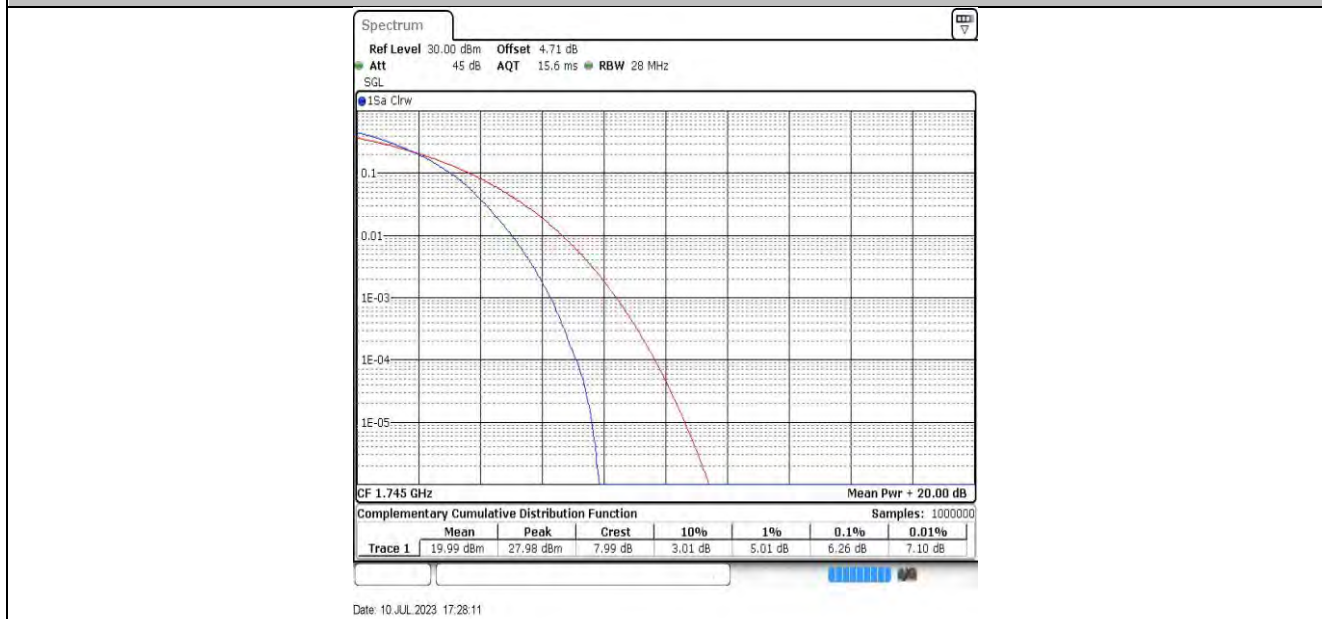
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20MHz-132072 64QAM



20MHz-132322 64QAM



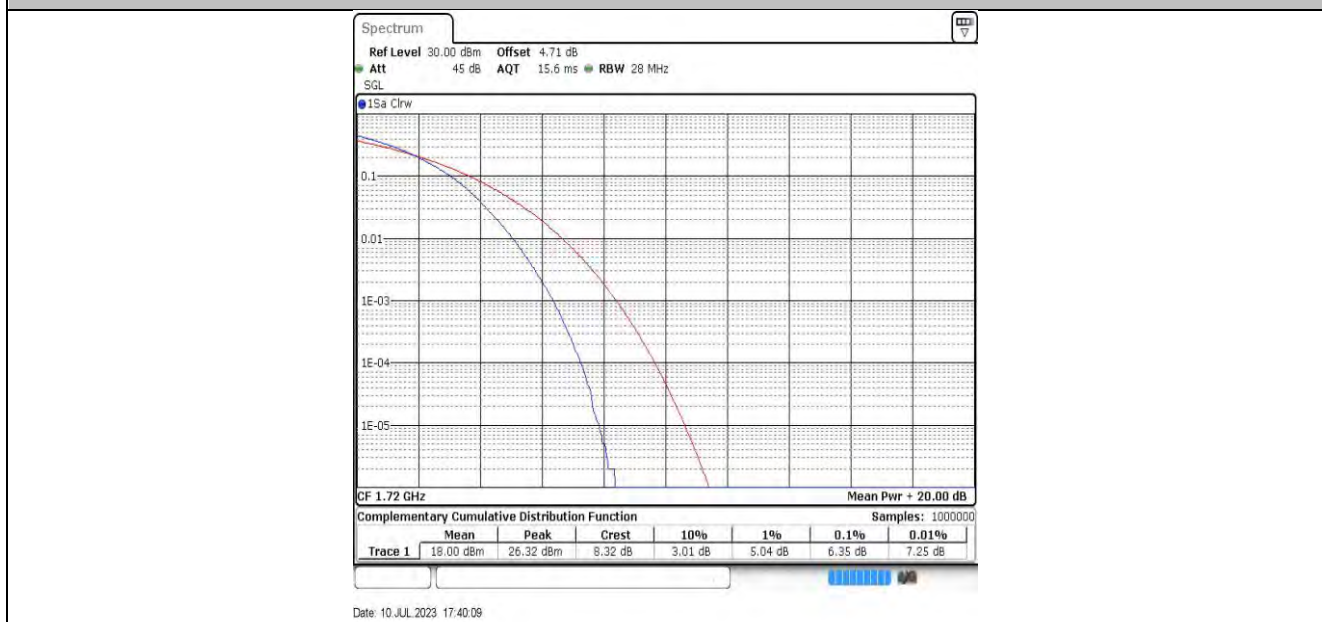
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20MHz-132572 64QAM



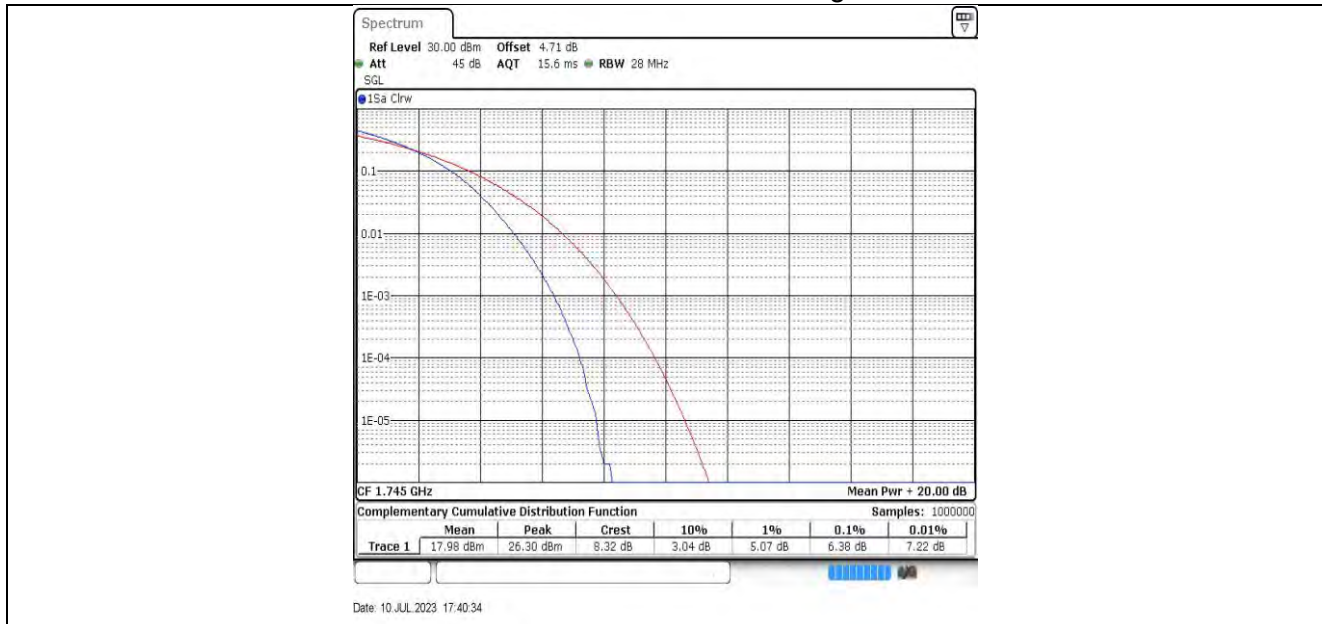
20MHz-132072 256QAM



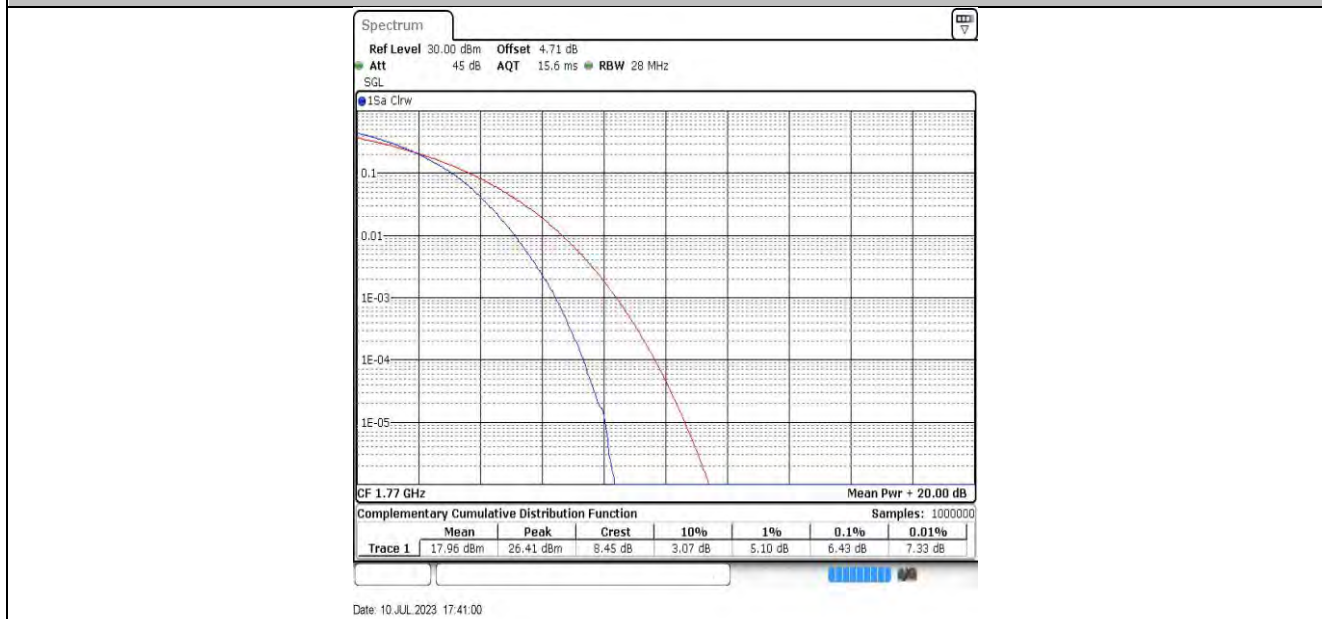
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20MHz-132322 256QAM



20MHz-132572 256QAM



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	1.27	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.27	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.088	1.28	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.1	1.31	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.097	1.31	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	1.094	1.31	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	1.088	1.28	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	1.085	1.28	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.697	2.94	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.697	2.93	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	2.91	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.685	2.92	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.93	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.685	2.98	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.691	2.92	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.691	2.92	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	2.92	PASS
Band66	3MHz	256QAM	131987	15RB#0	2.697	2.93	PASS
Band66	3MHz	256QAM	132322	15RB#0	2.685	2.94	PASS
Band66	3MHz	256QAM	132657	15RB#0	2.691	2.91	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.476	4.86	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.466	4.87	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.87	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.466	4.89	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.466	4.87	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.466	4.87	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	4.88	PASS



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Band66	5MHz	64QAM	132322	25RB#0	4.476	4.88	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	4.88	PASS
Band66	5MHz	256QAM	131997	25RB#0	4.466	4.86	PASS
Band66	5MHz	256QAM	132322	25RB#0	4.466	4.82	PASS
Band66	5MHz	256QAM	132647	25RB#0	4.466	4.87	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.951	9.60	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.66	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.931	9.66	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.911	9.58	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.911	9.62	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.931	9.60	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.931	9.64	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.931	9.64	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.951	9.60	PASS
Band66	10MHz	256QAM	132022	50RB#0	8.931	9.66	PASS
Band66	10MHz	256QAM	132322	50RB#0	8.931	9.64	PASS
Band66	10MHz	256QAM	132622	50RB#0	8.951	9.68	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	14.73	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	14.70	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.487	14.73	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.487	14.79	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	14.82	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.457	14.70	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.427	14.73	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.457	14.79	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.457	14.82	PASS
Band66	15MHz	256QAM	132047	75RB#0	13.457	14.79	PASS
Band66	15MHz	256QAM	132322	75RB#0	13.427	14.73	PASS
Band66	15MHz	256QAM	132597	75RB#0	13.457	14.73	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.942	19.36	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.902	19.48	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.44	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.32	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.902	19.32	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.36	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.902	19.32	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.902	19.64	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.942	19.36	PASS



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Band66	20MHz	256QAM	132072	100RB#0	17.902	19.36	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.862	19.36	PASS
Band66	20MHz	256QAM	132572	100RB#0	17.902	19.36	PASS



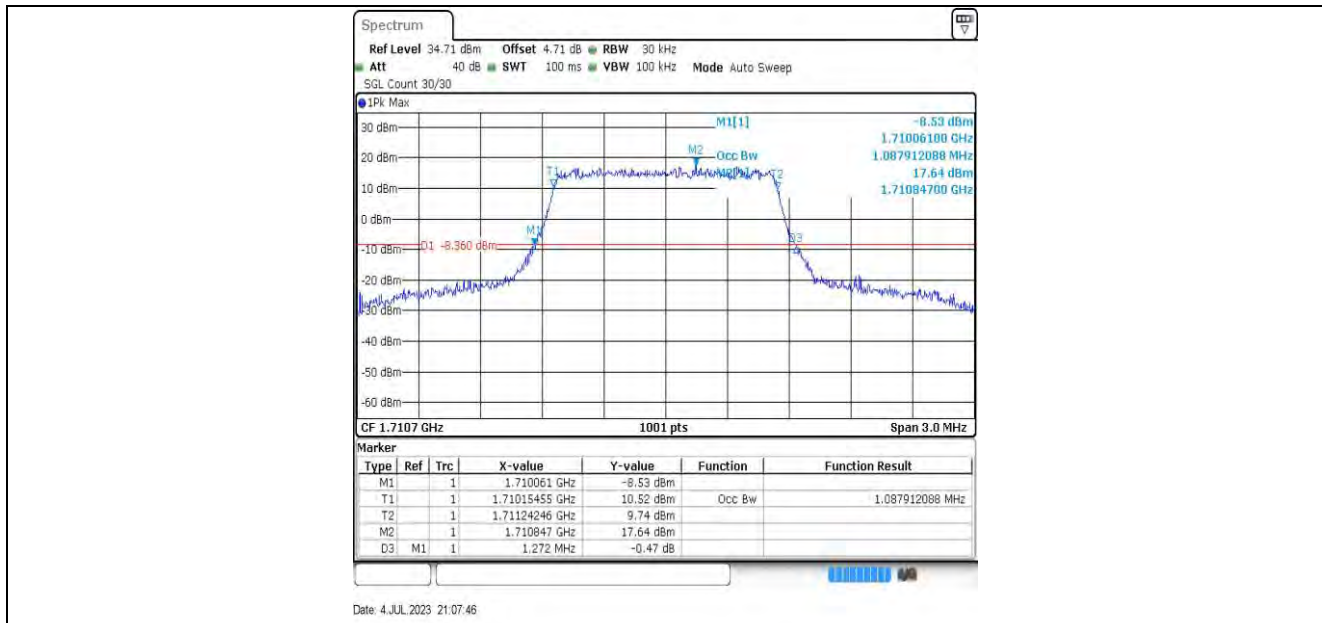
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Wireless Laboratory

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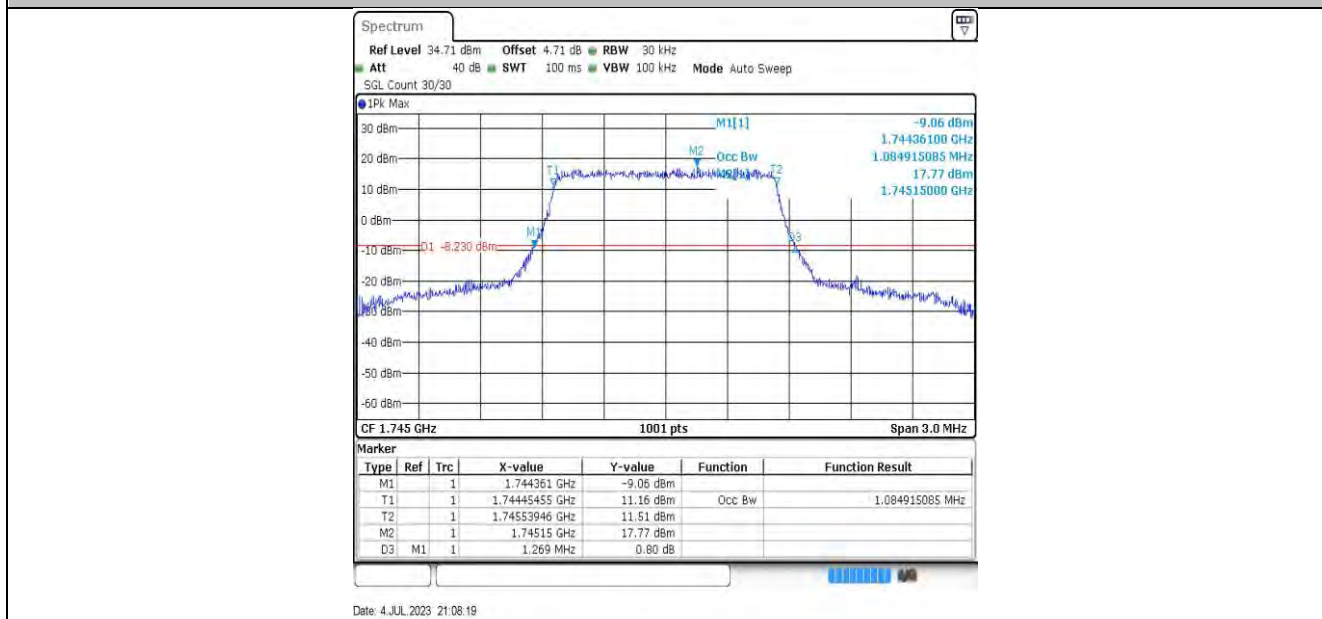
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Test Graphs



1.4MHz-131979 QPSK



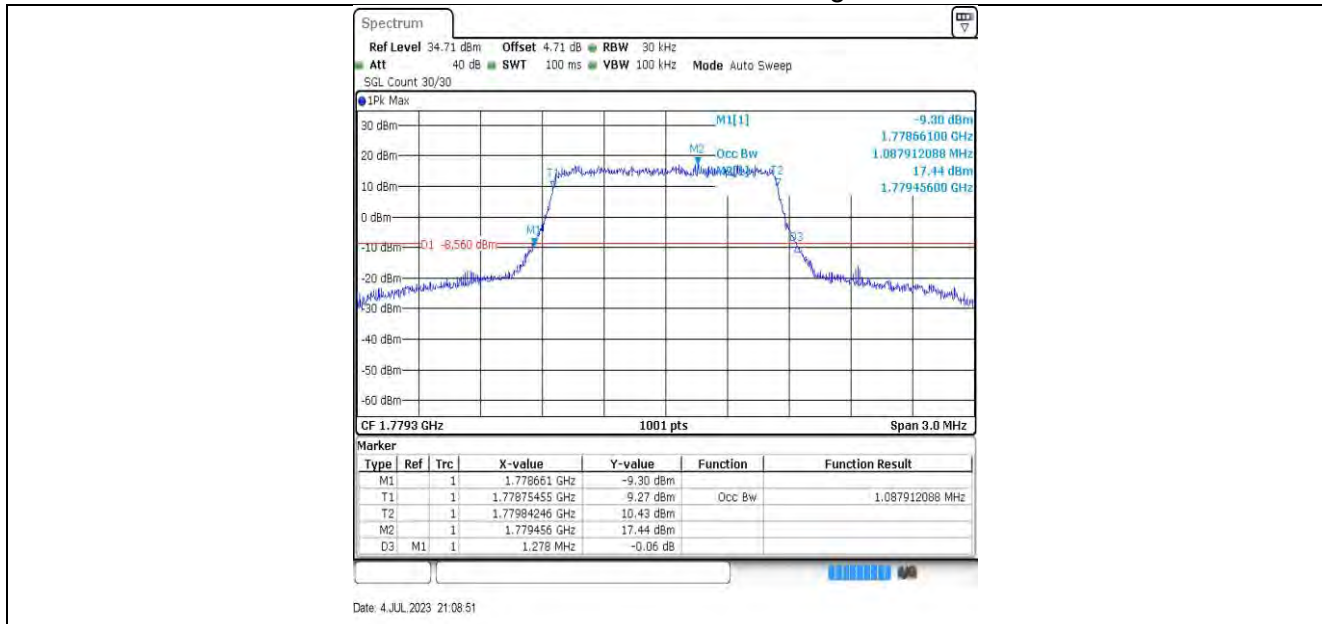
1.4MHz-132322 QPSK



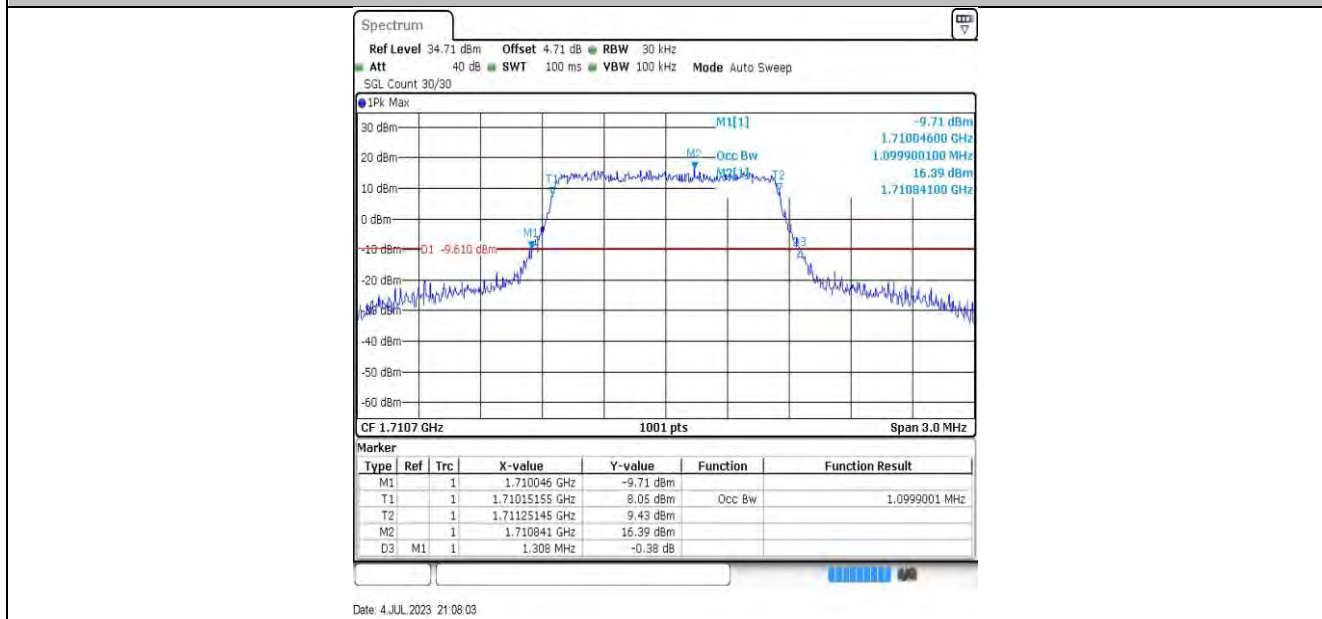
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1.4MHz-132665 QPSK



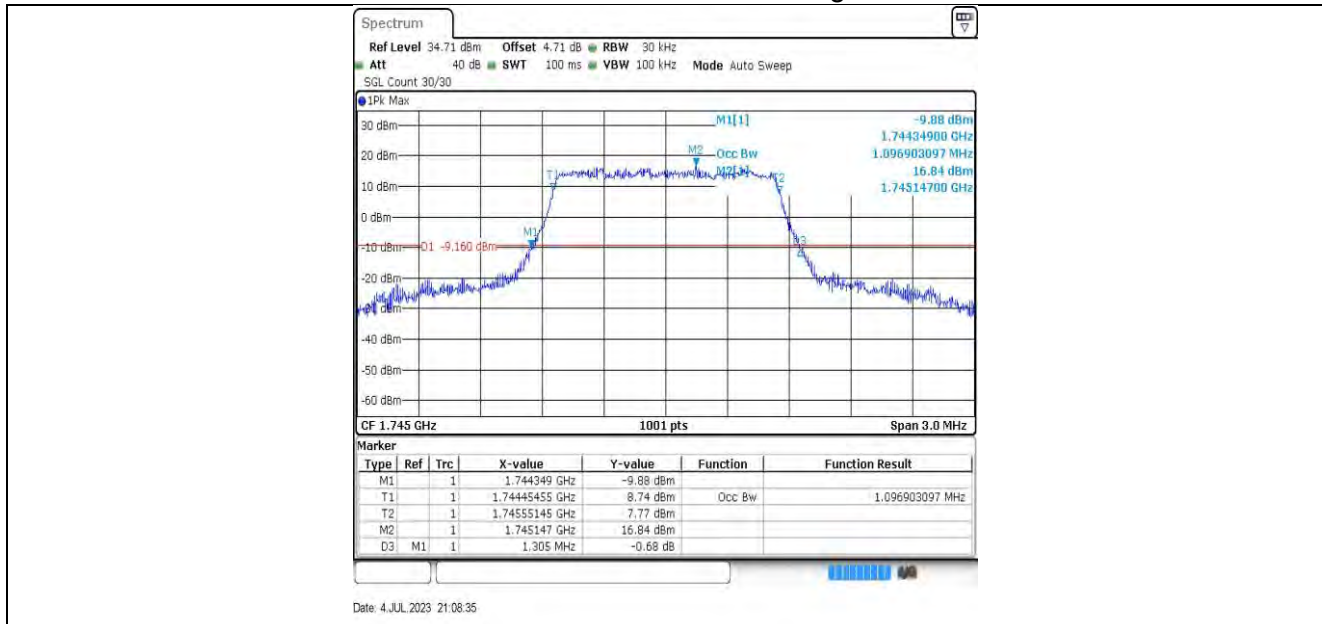
1.4MHz-131979 16QAM



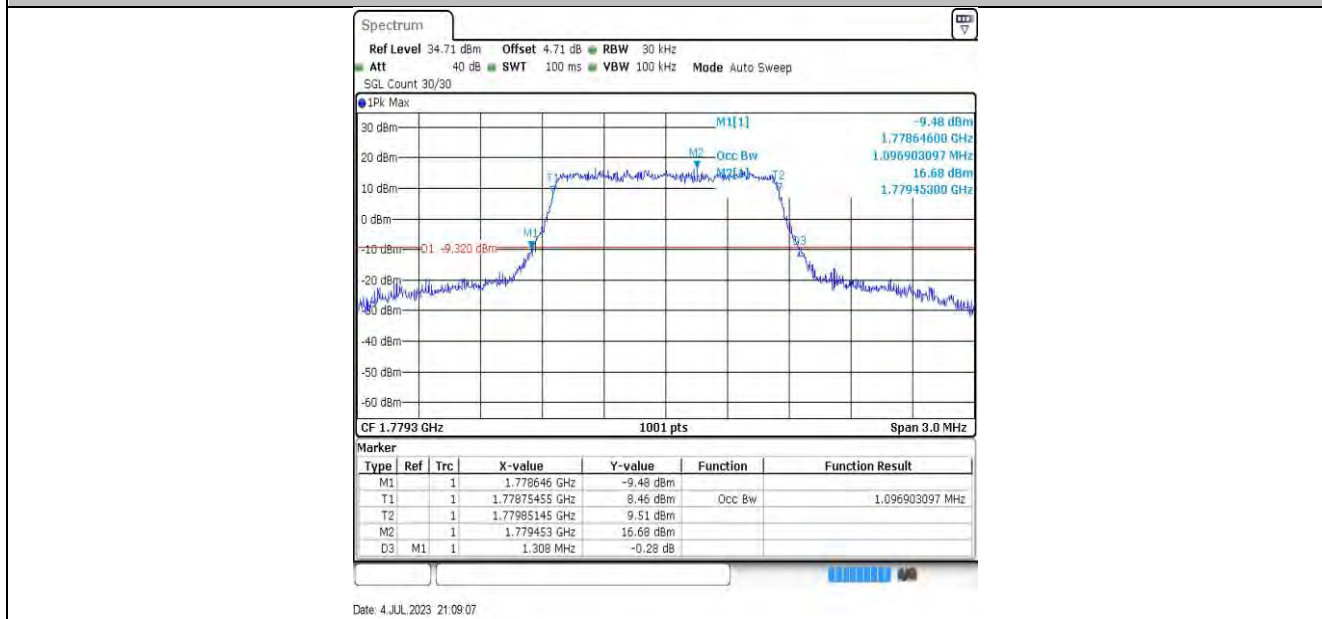
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1.4MHz-132322 16QAM



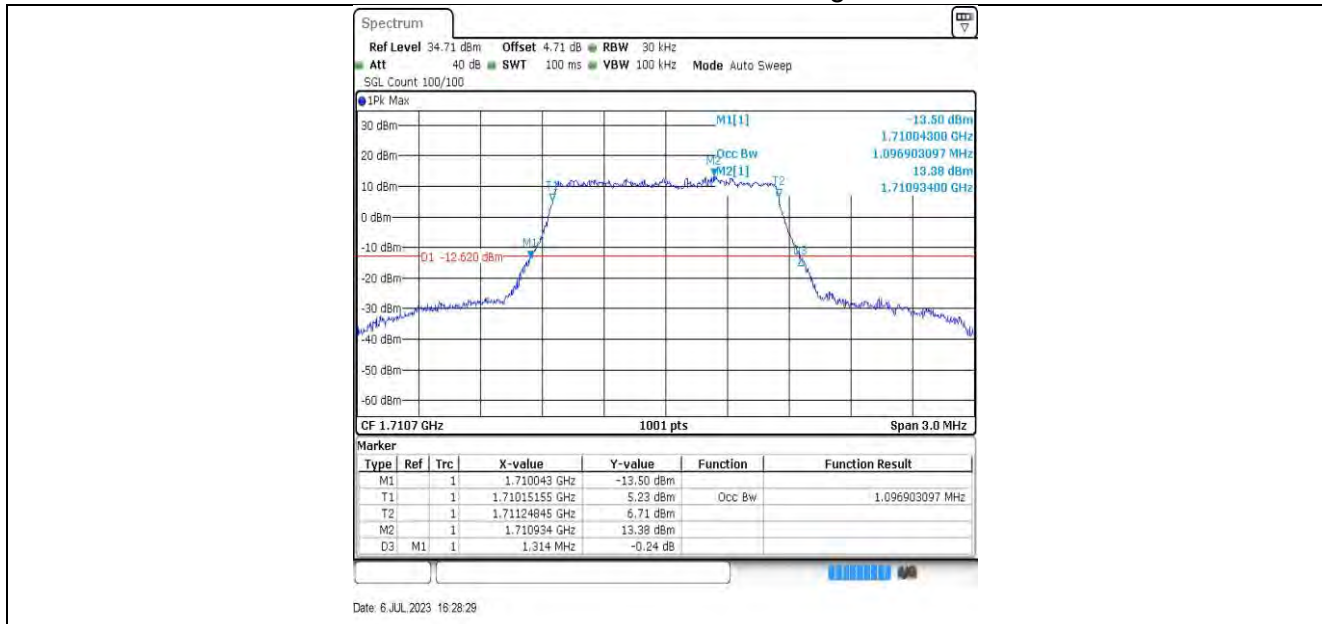
1.4MHz-132665 16QAM



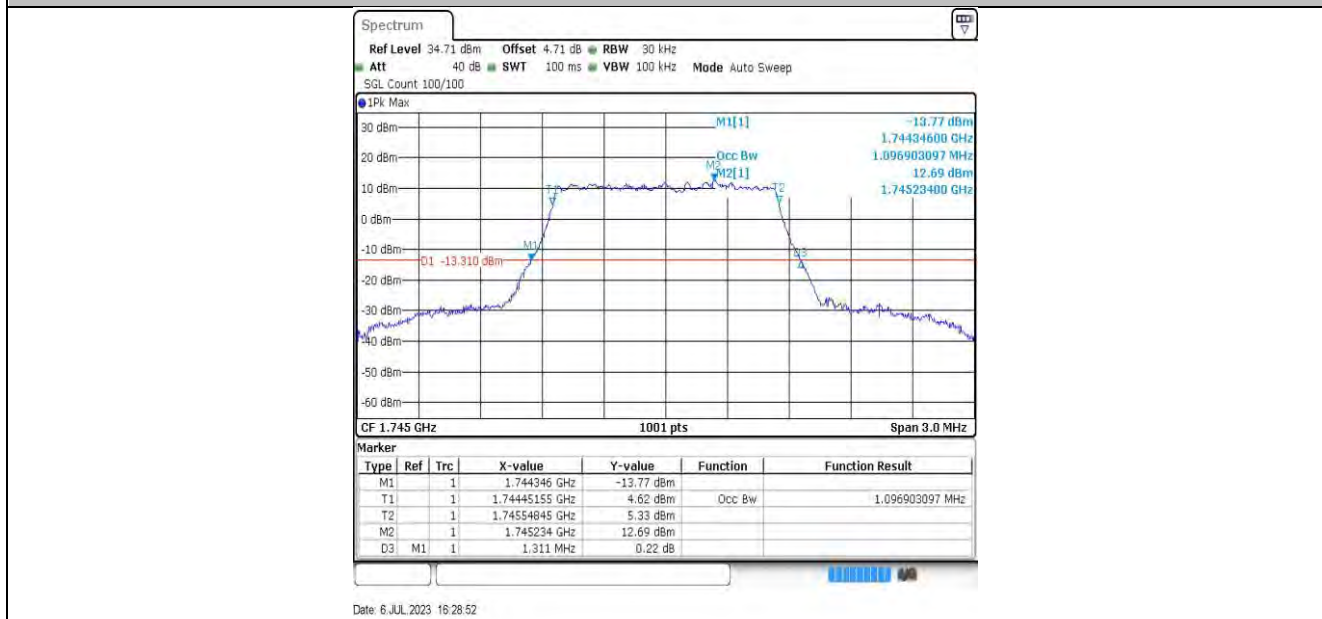
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1.4MHz-131979 64QAM



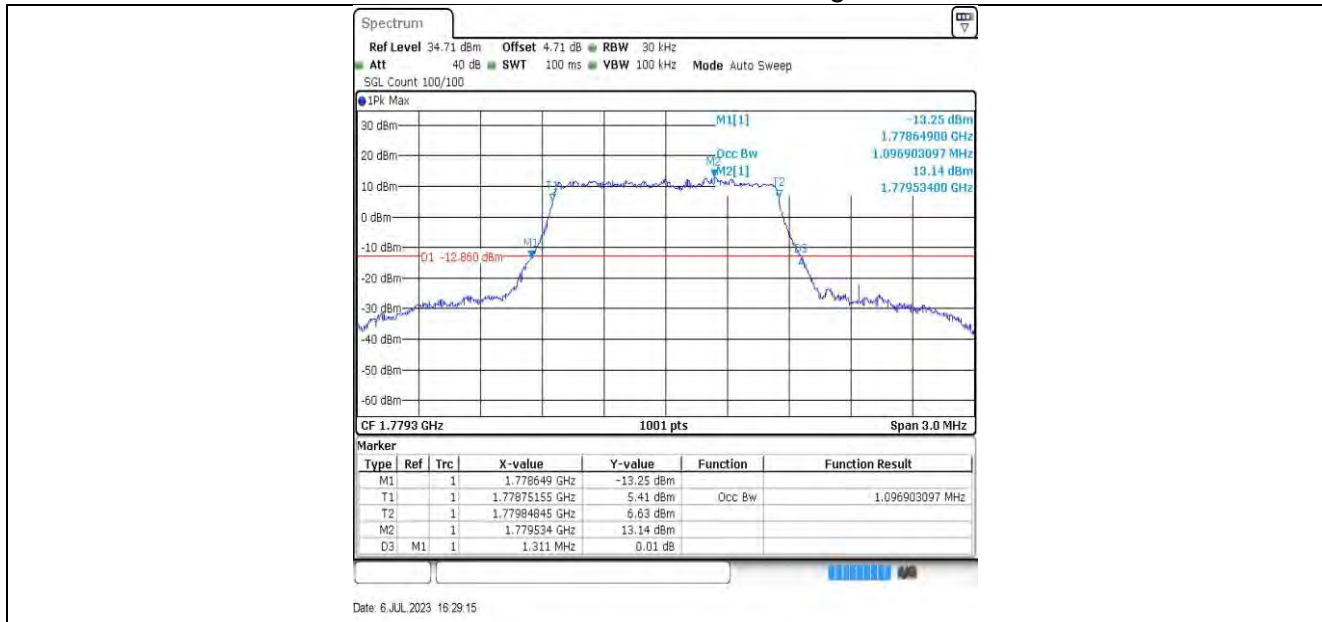
1.4MHz-132322 64QAM



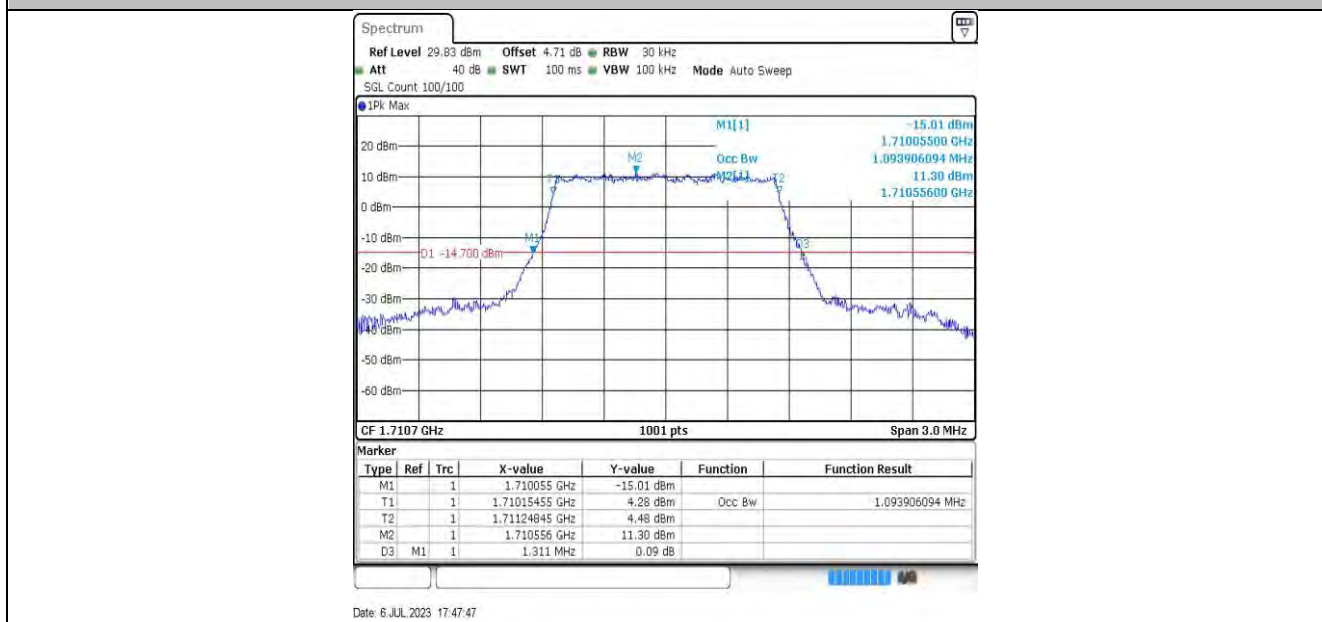
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1.4MHz-132665 64QAM



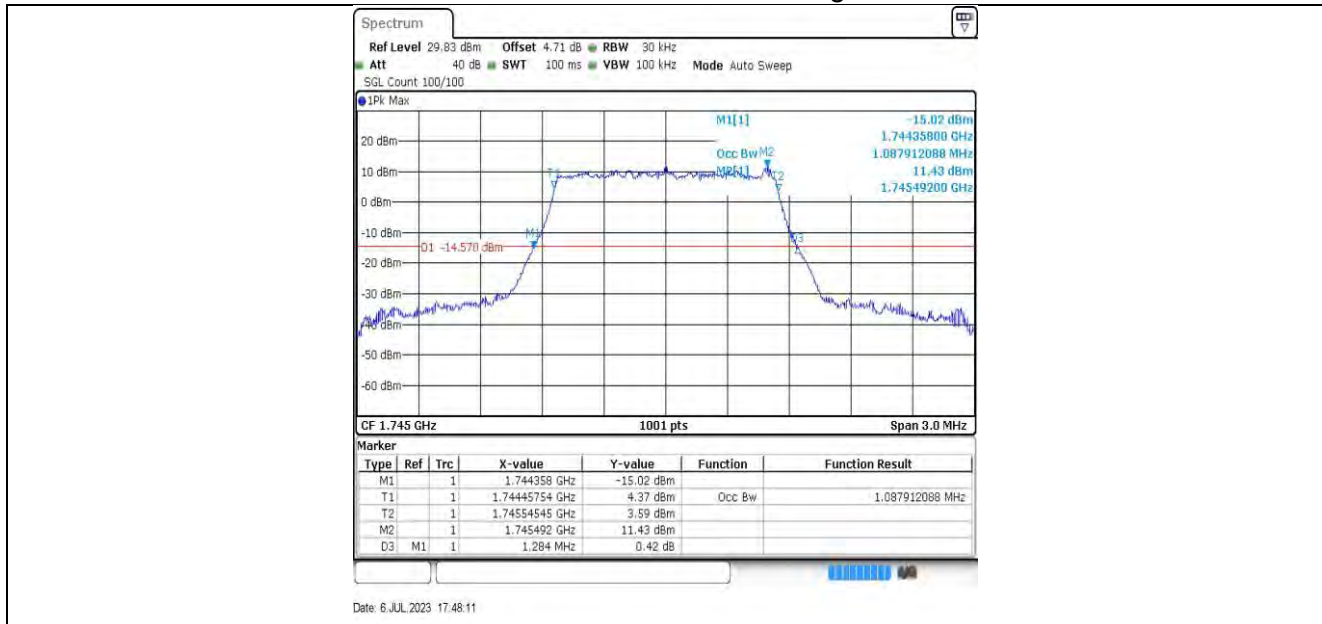
1.4MHz-131979 256QAM



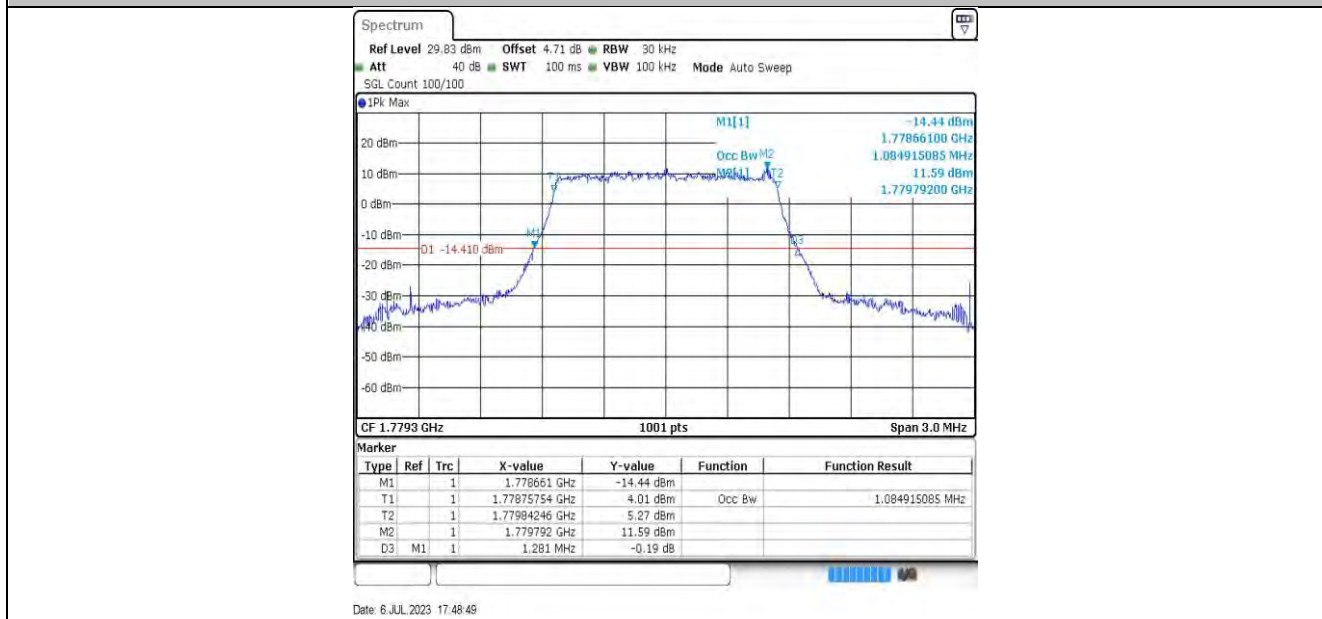
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1.4MHz-132322 256QAM



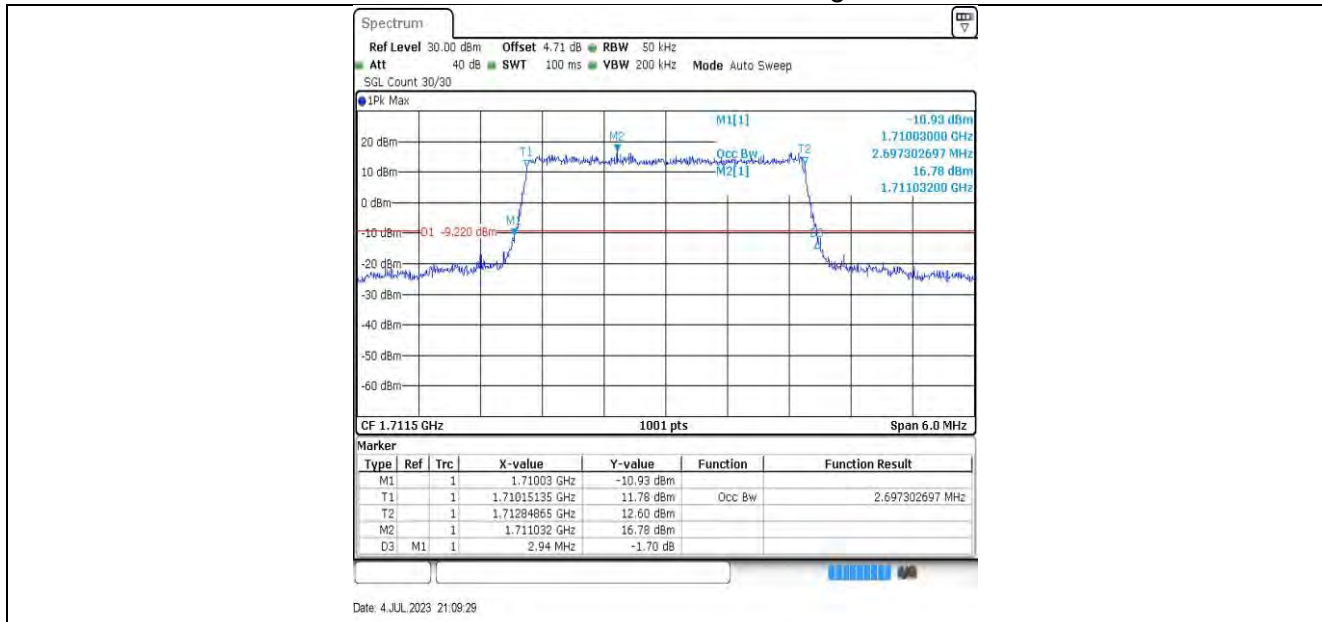
1.4MHz-132665 256QAM



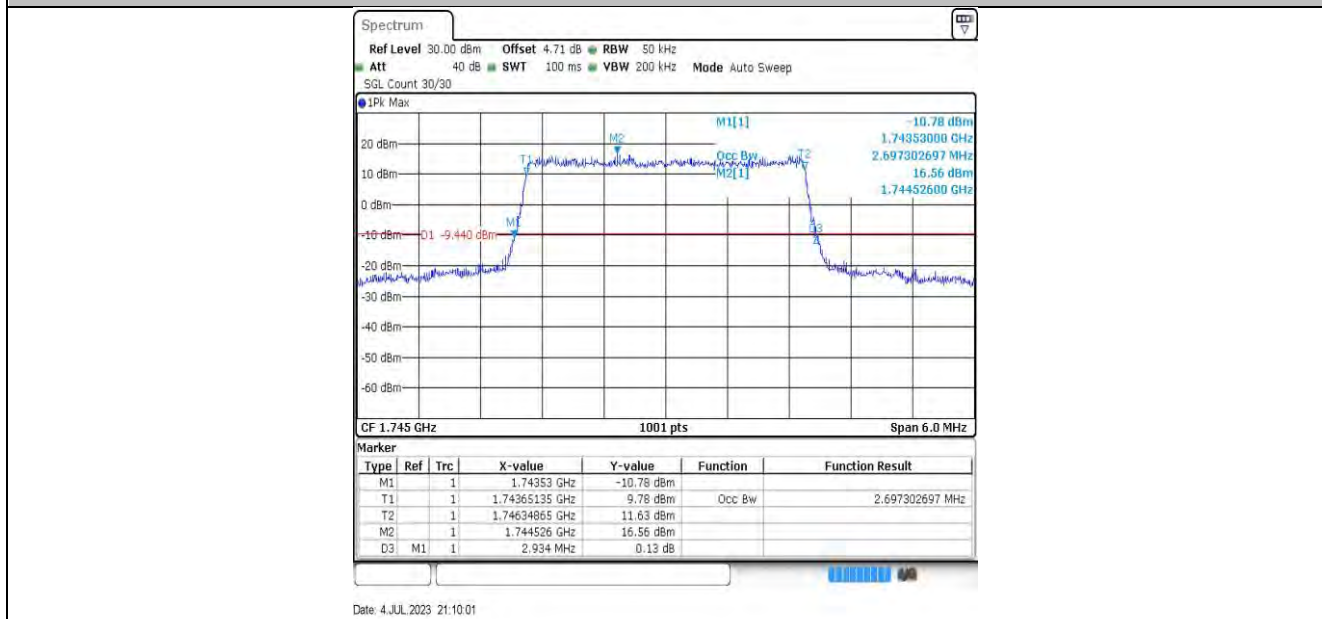
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3MHz-131987 QPSK



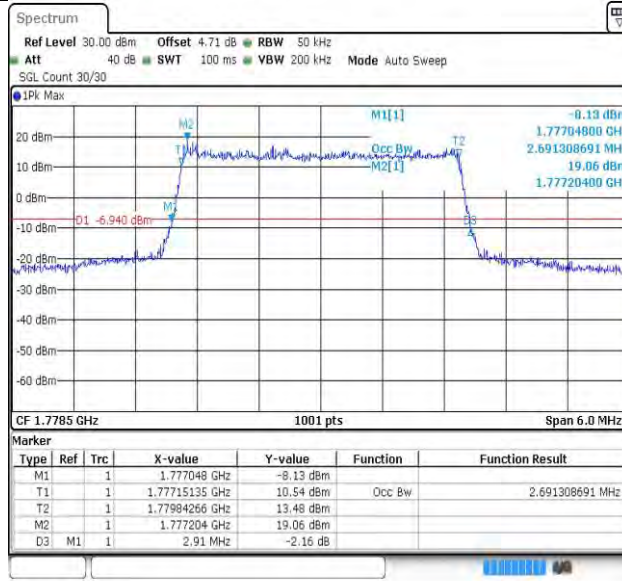
3MHz-132322 QPSK



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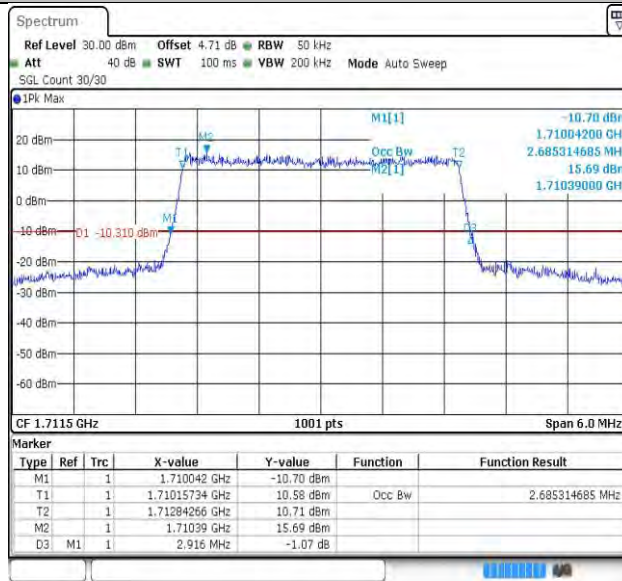
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Date: 4 JUL 2023 21:10:34

3MHz-132657 QPSK



Date: 4 JUL 2023 21:09:45

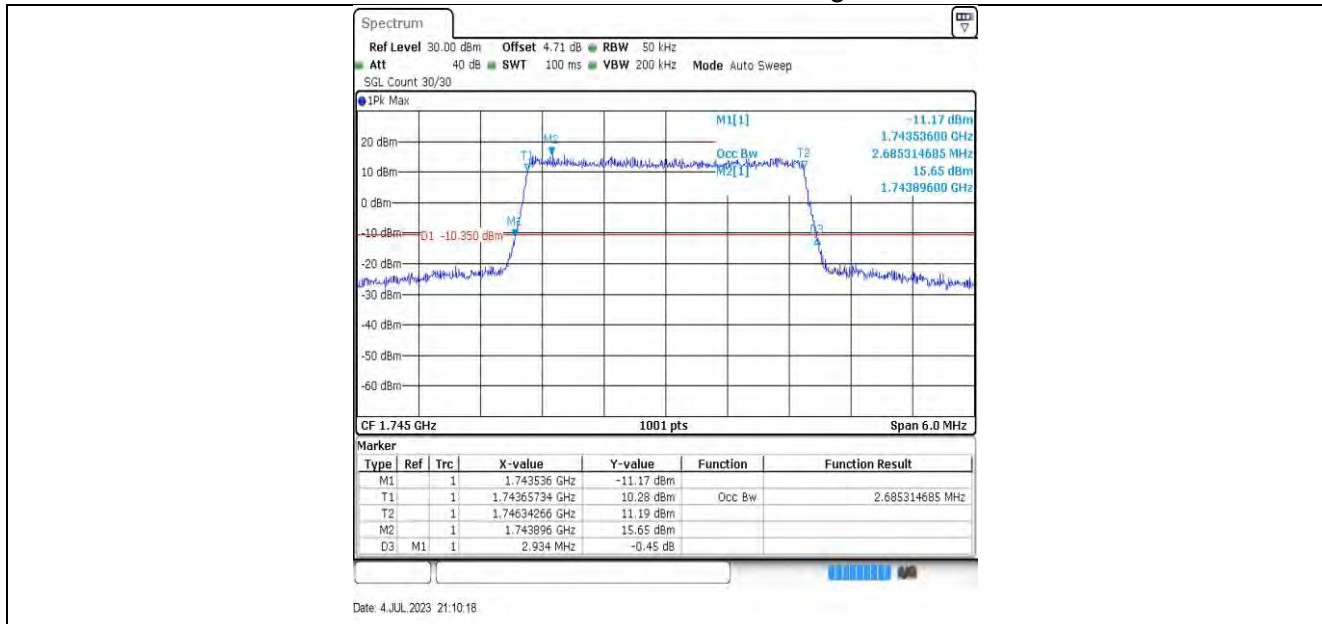
3MHz-131987 16QAM



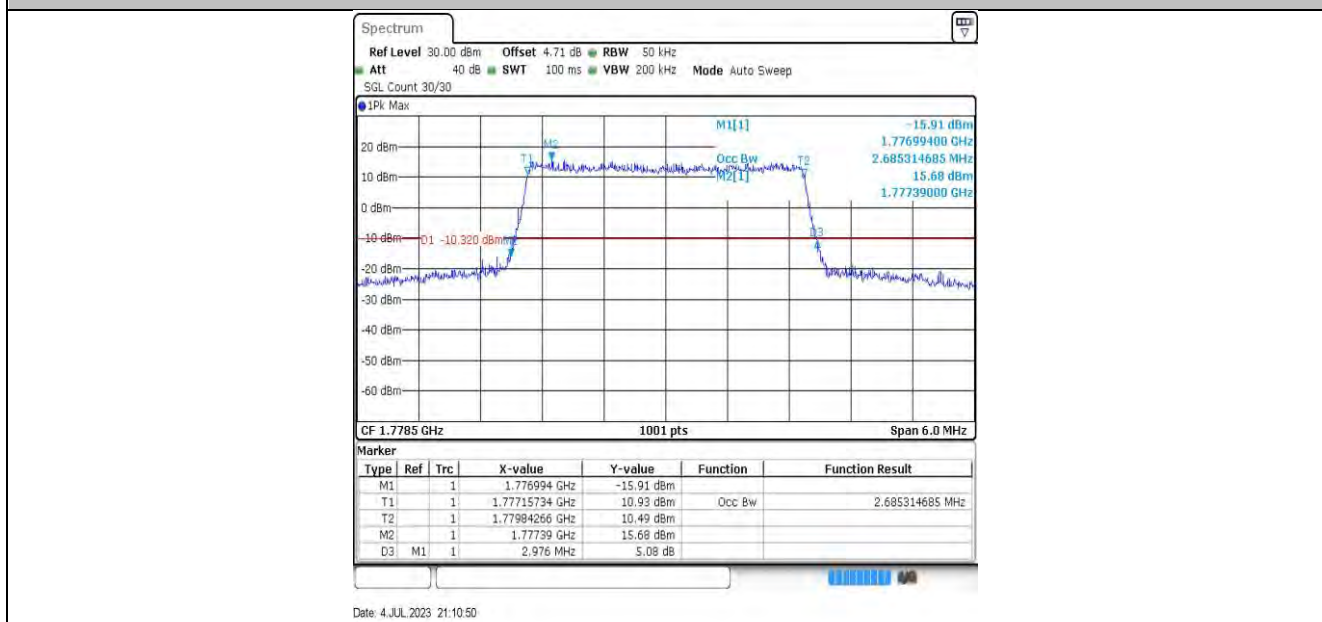
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3MHz-132322 16QAM



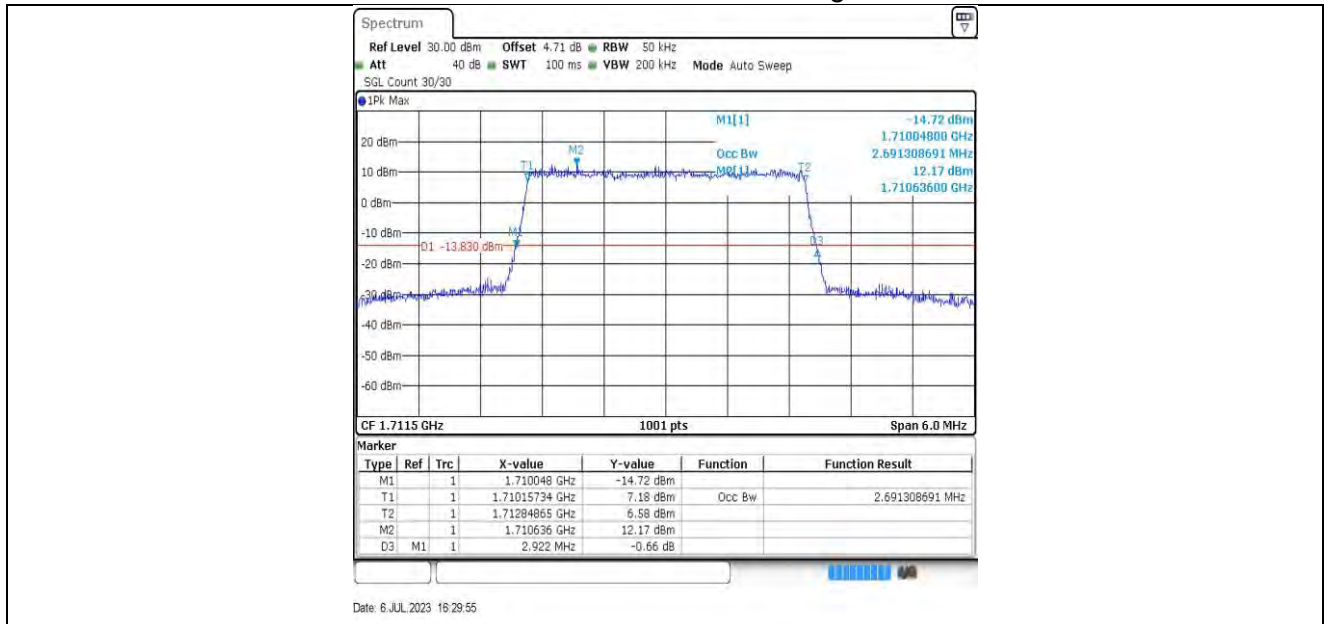
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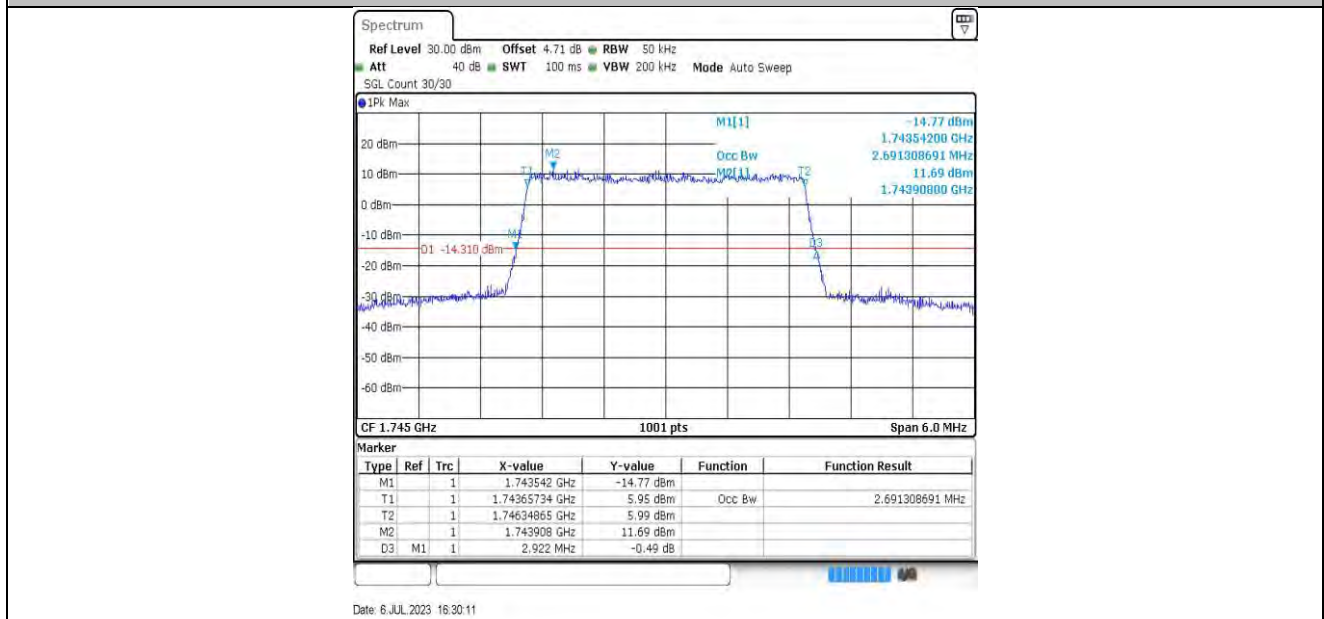
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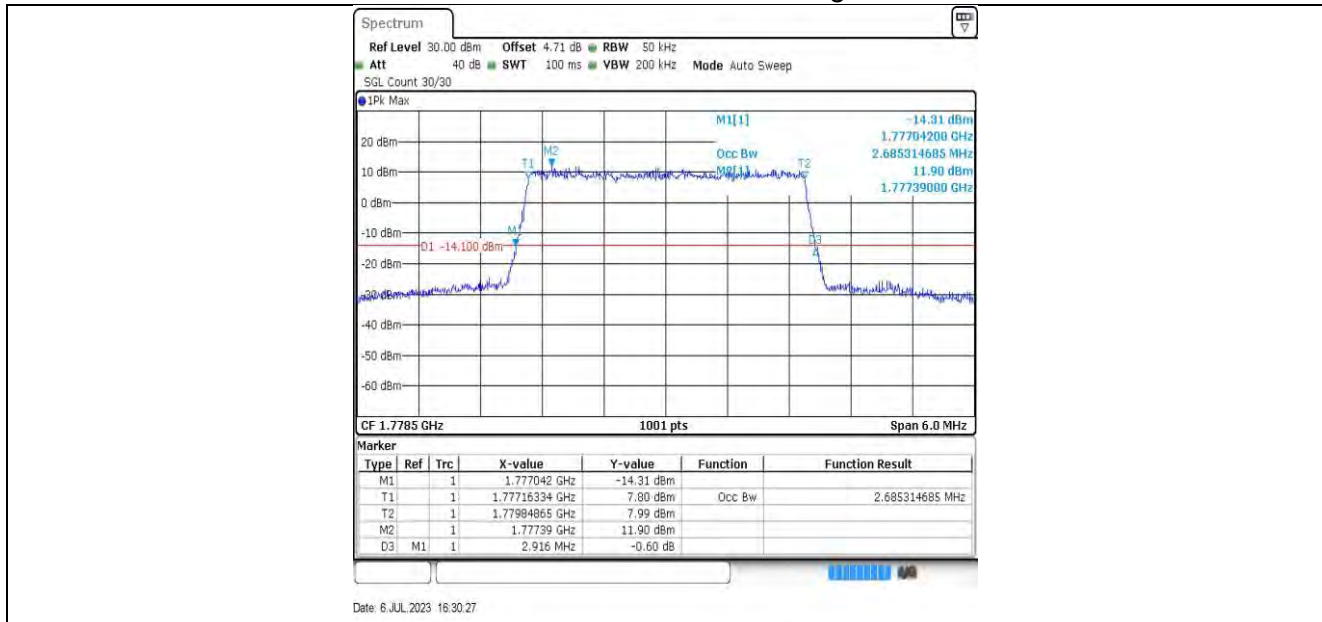


3MHz-131987 64QAM

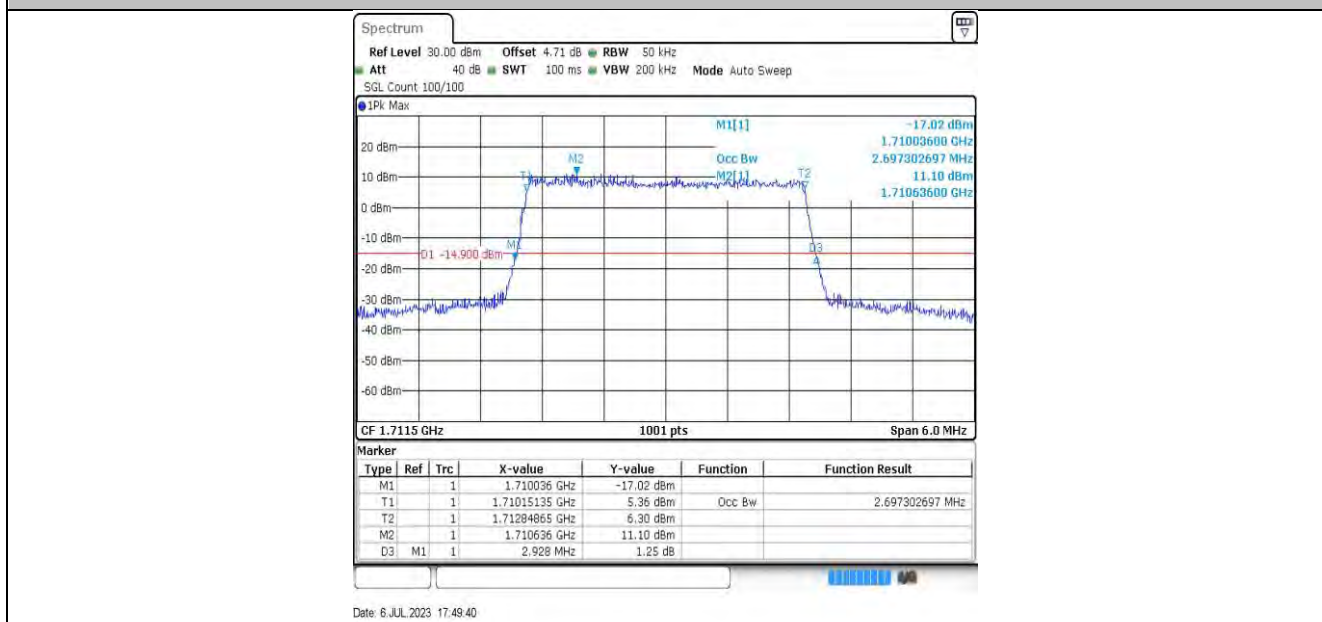


3MHz-132322 64QAM





3MHz-132657 64QAM



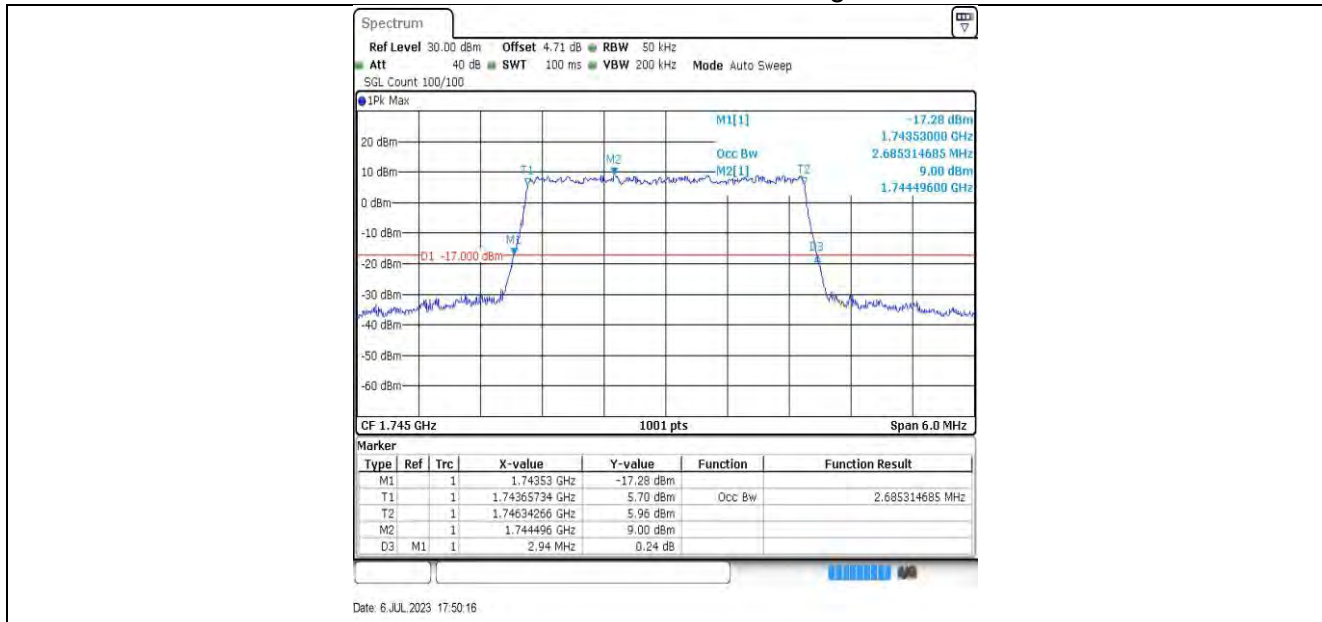
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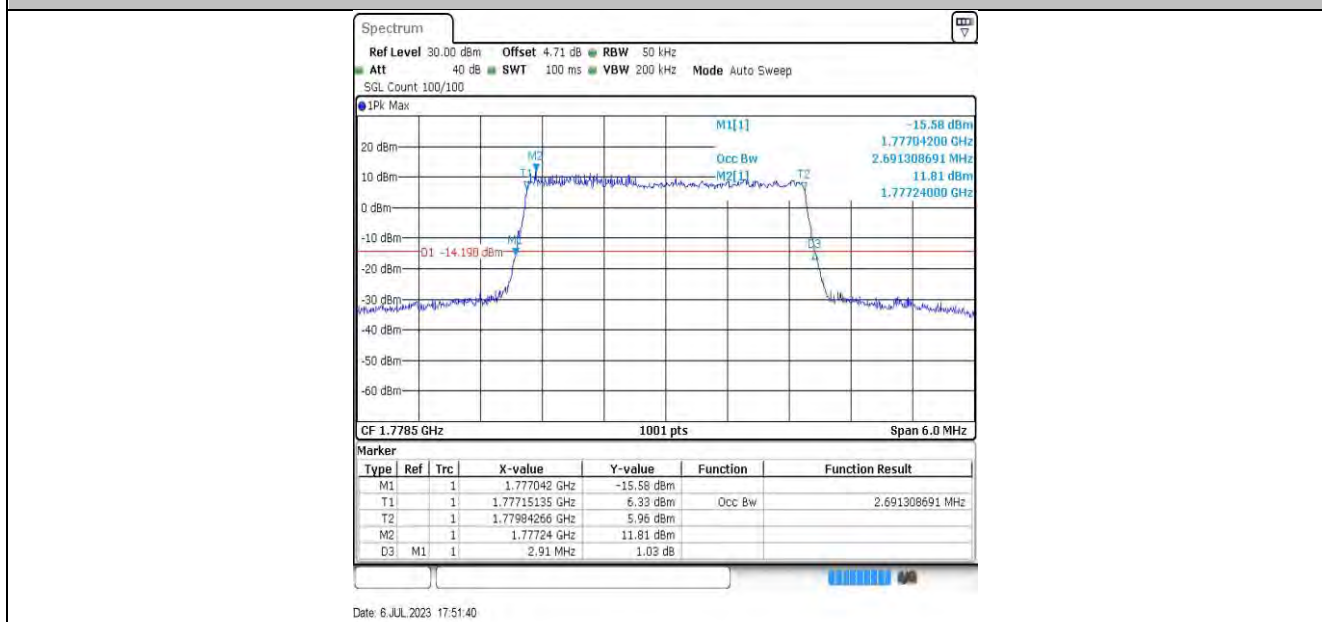
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3MHz-132322 256QAM



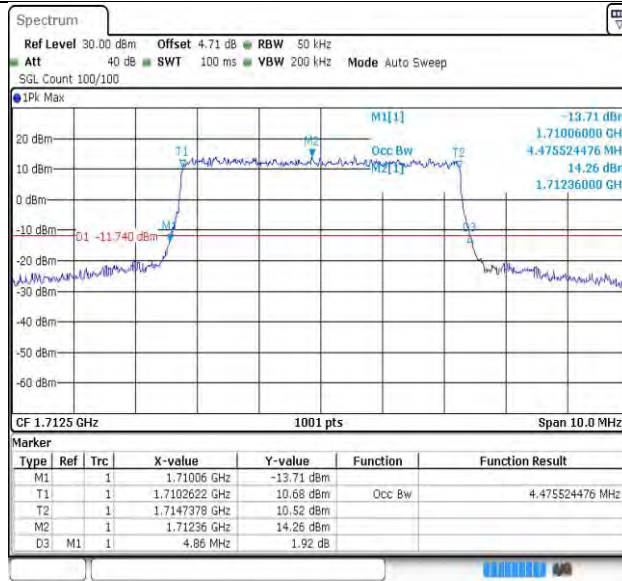
3MHz-132657 256QAM



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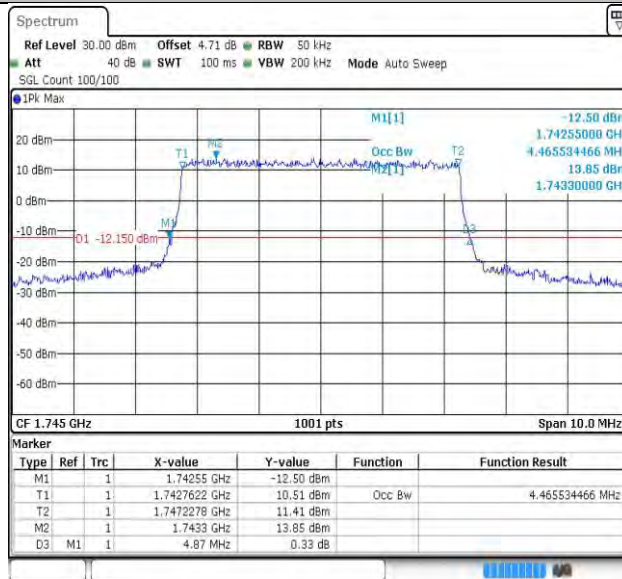
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Date: 4 JUL 2023 21:11:19

5MHz-131997 QPSK



Date: 4 JUL 2023 21:12:06

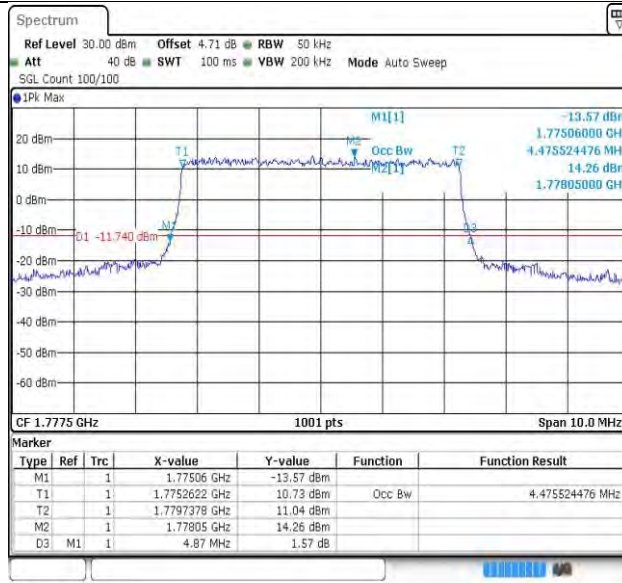
5MHz-132322 QPSK



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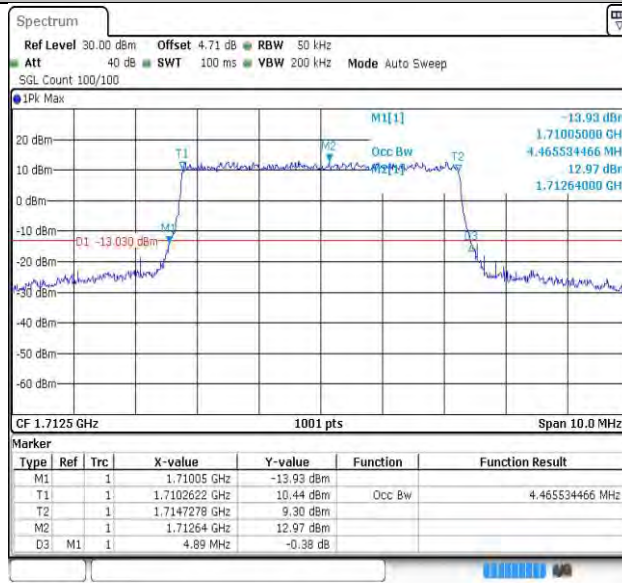
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Date: 4 JUL 2023 21:12:54

5MHz-132647 QPSK



Date: 4 JUL 2023 21:11:42

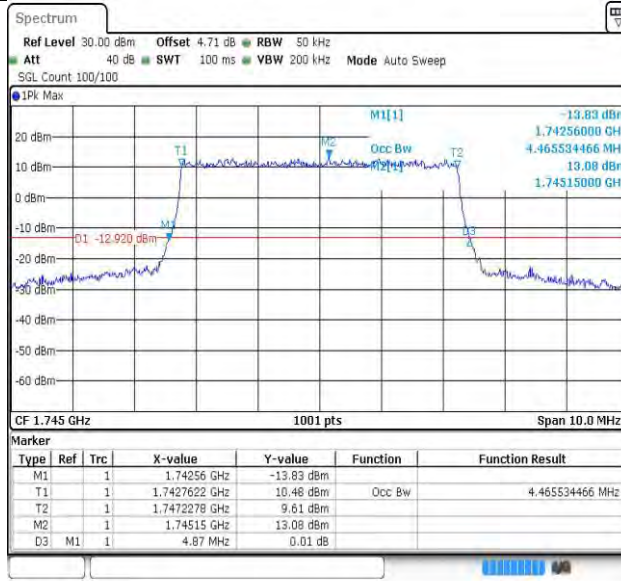
5MHz-131997 16QAM



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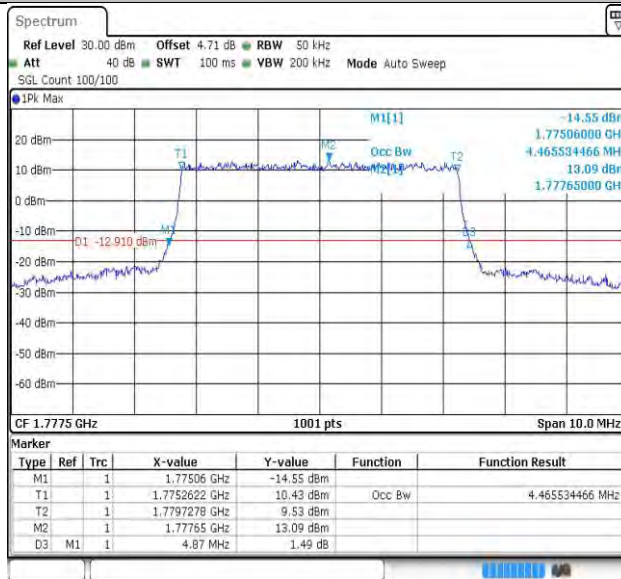
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Date: 4.JUL.2023 21:12:29

5MHz-132322 16QAM



Date: 4.JUL.2023 21:13:18

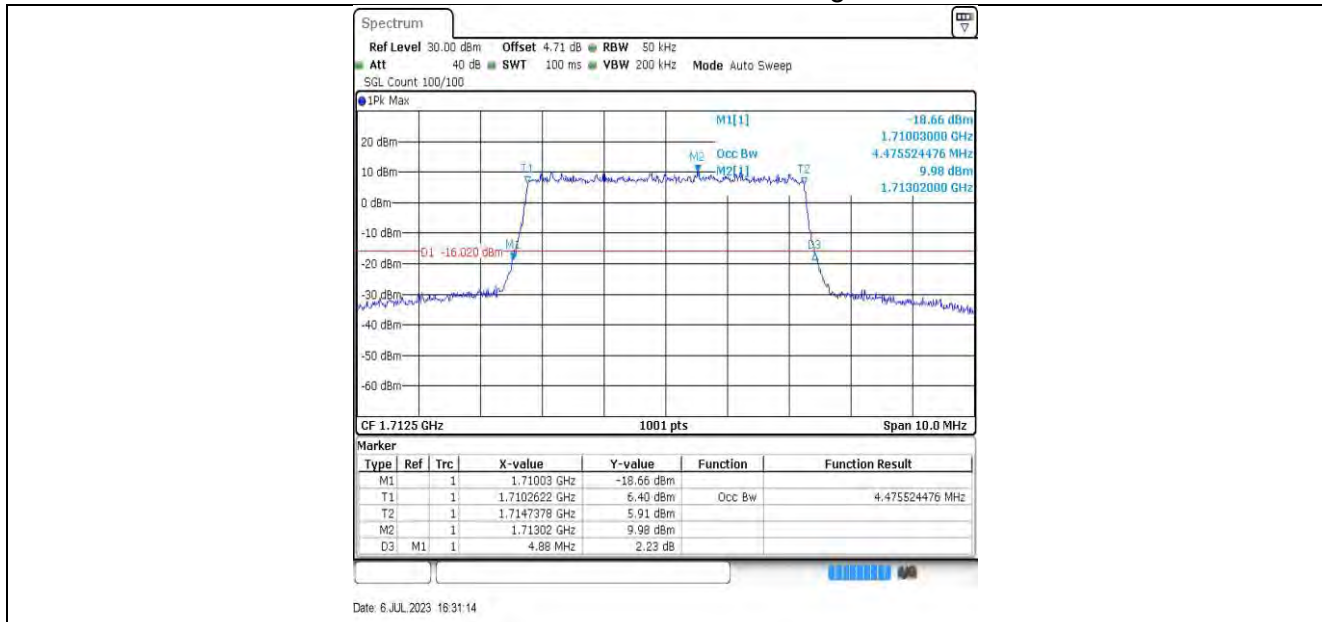
5MHz-132647 16QAM



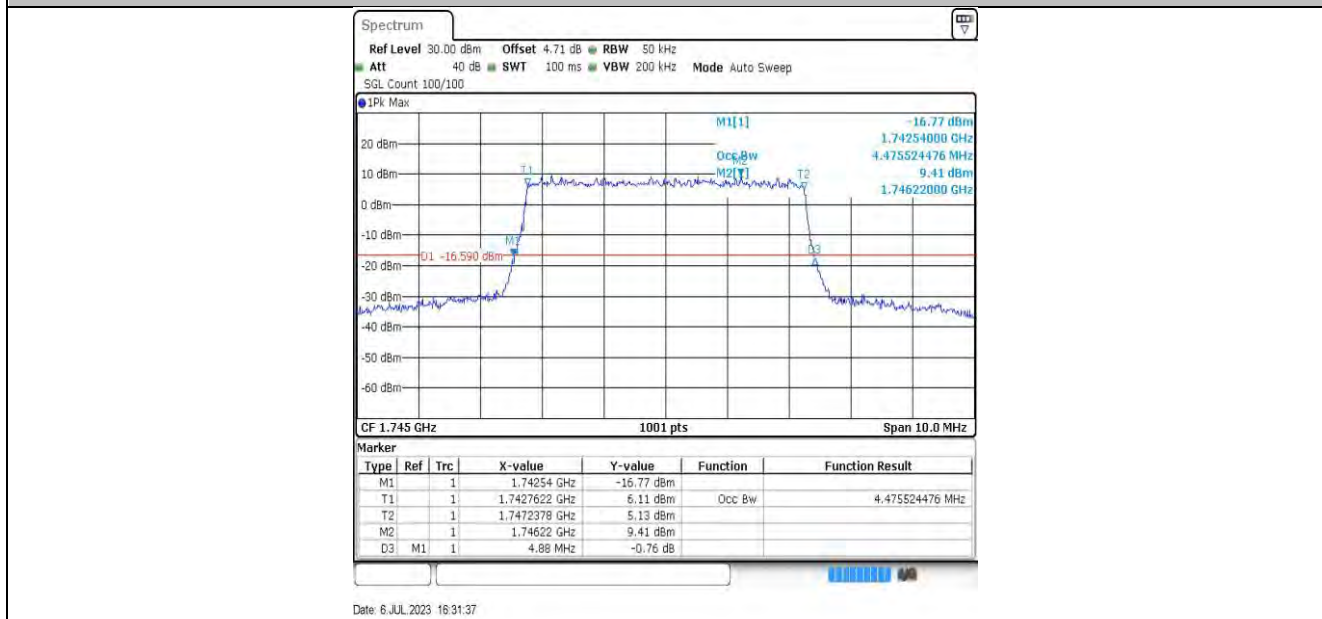
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5MHz-131997 64QAM



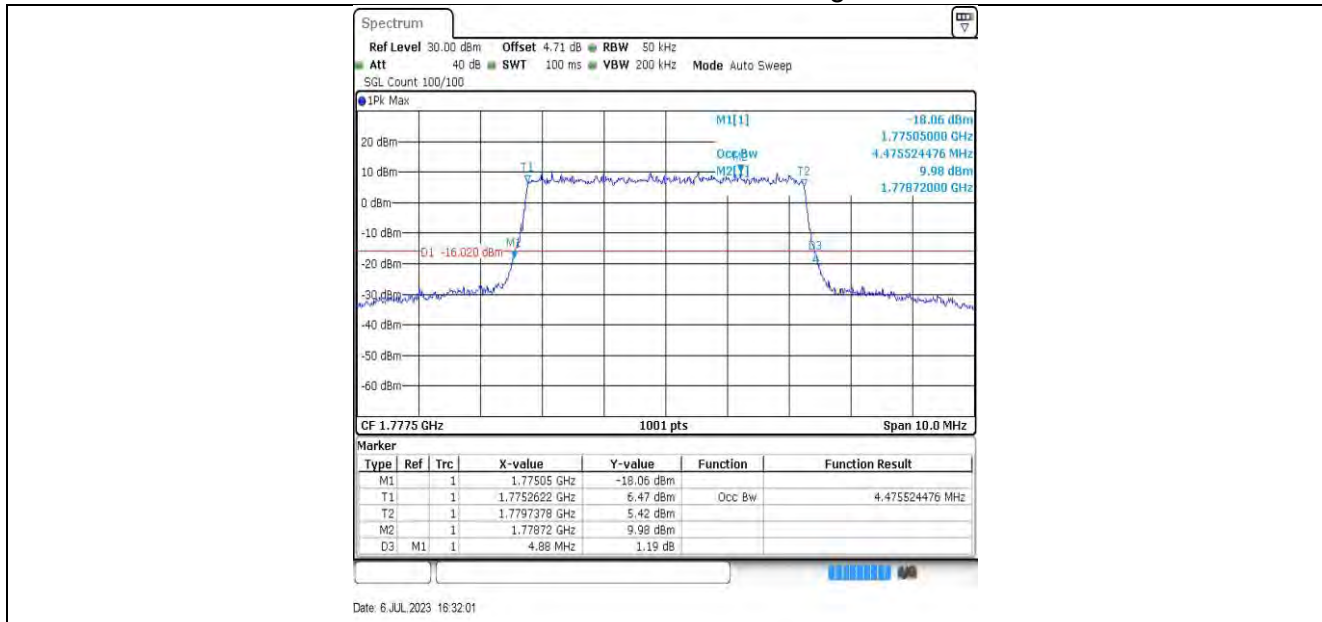
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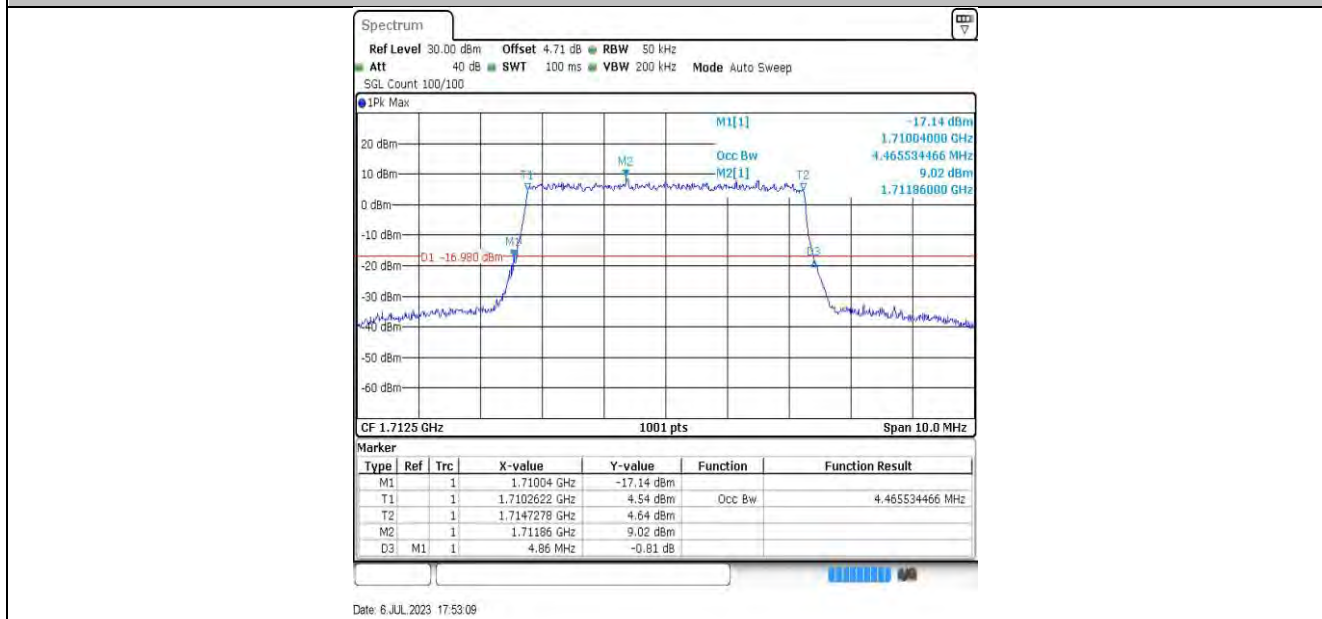
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5MHz-132647 64QAM



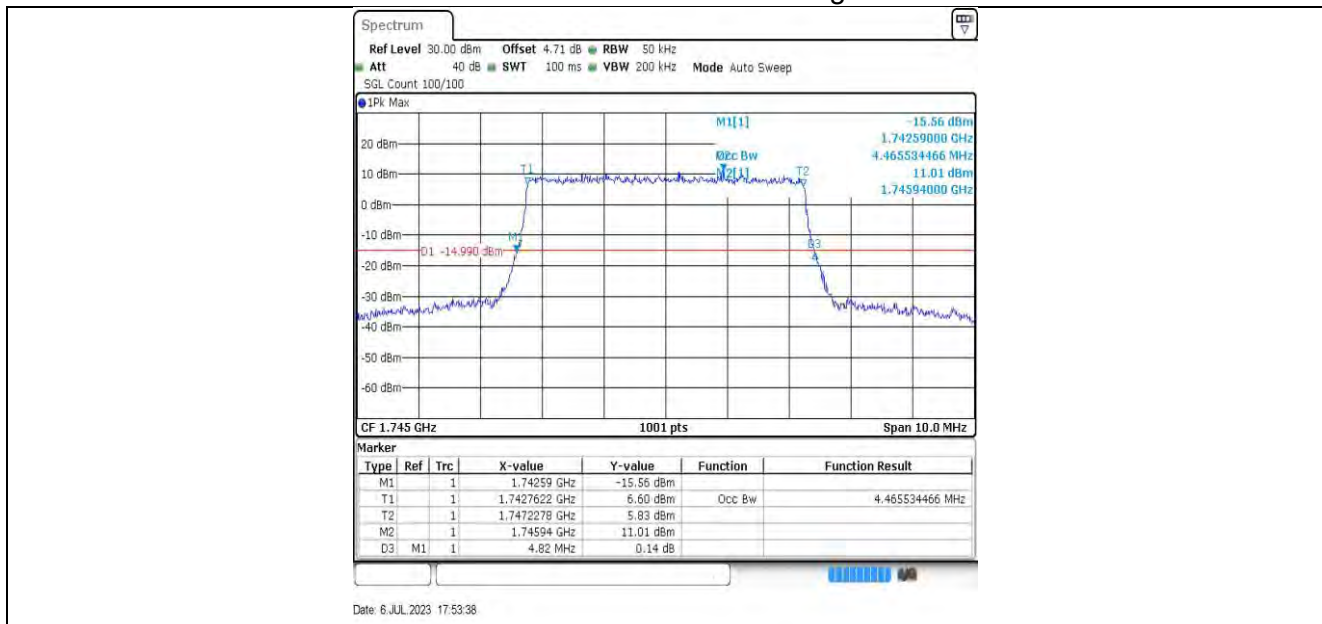
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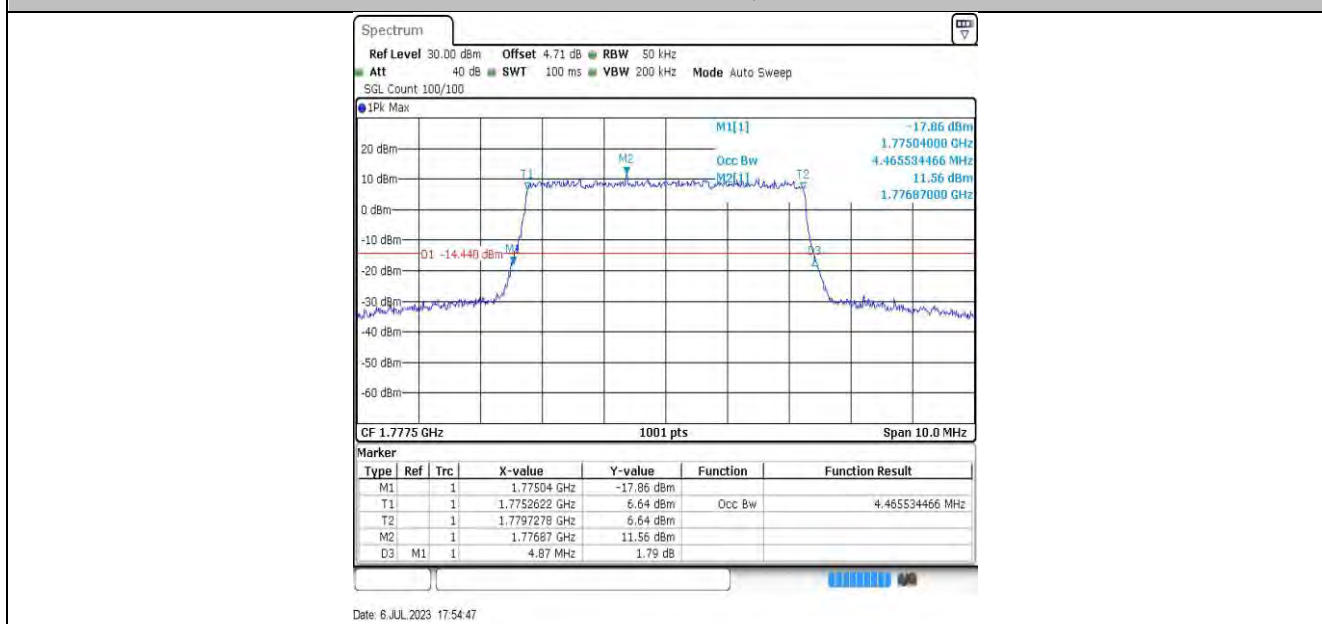
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5MHz-132322 256QAM



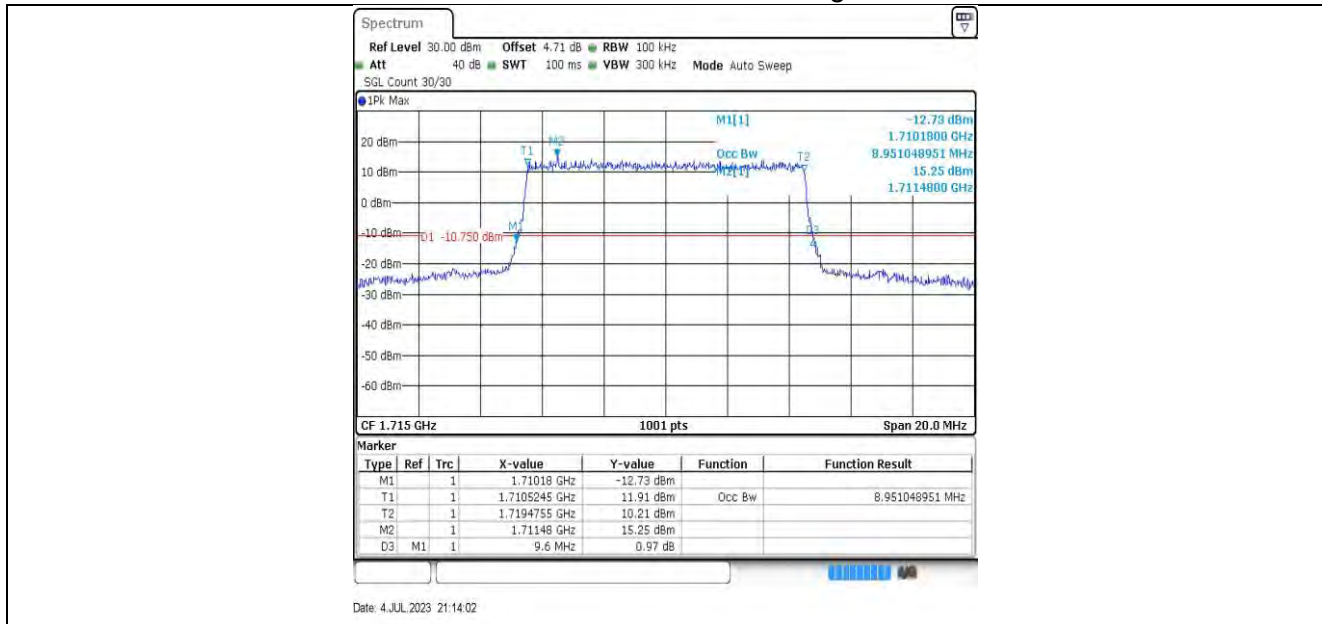
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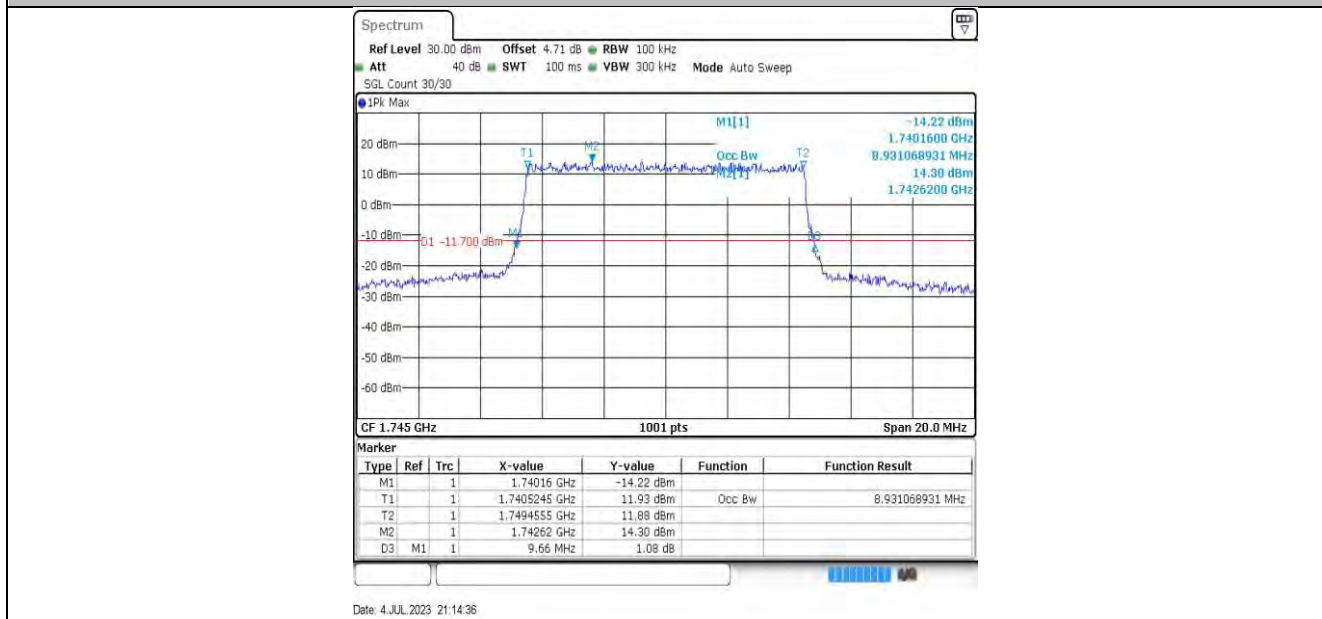
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10MHz-132022 QPSK



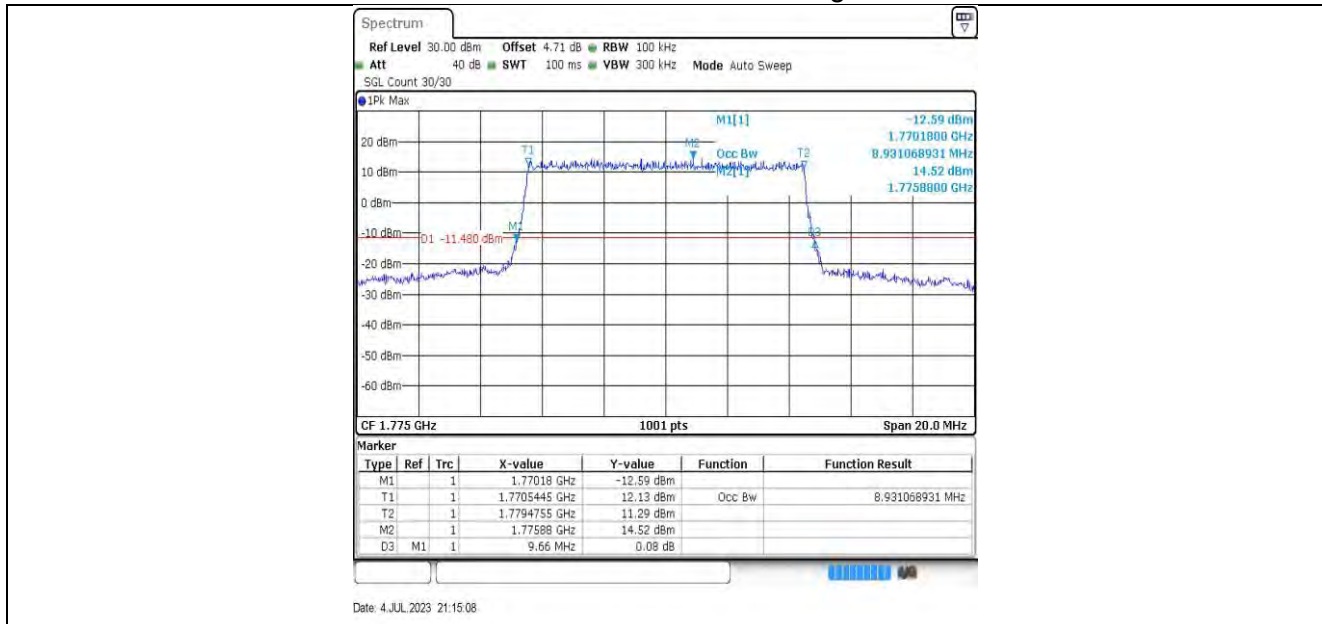
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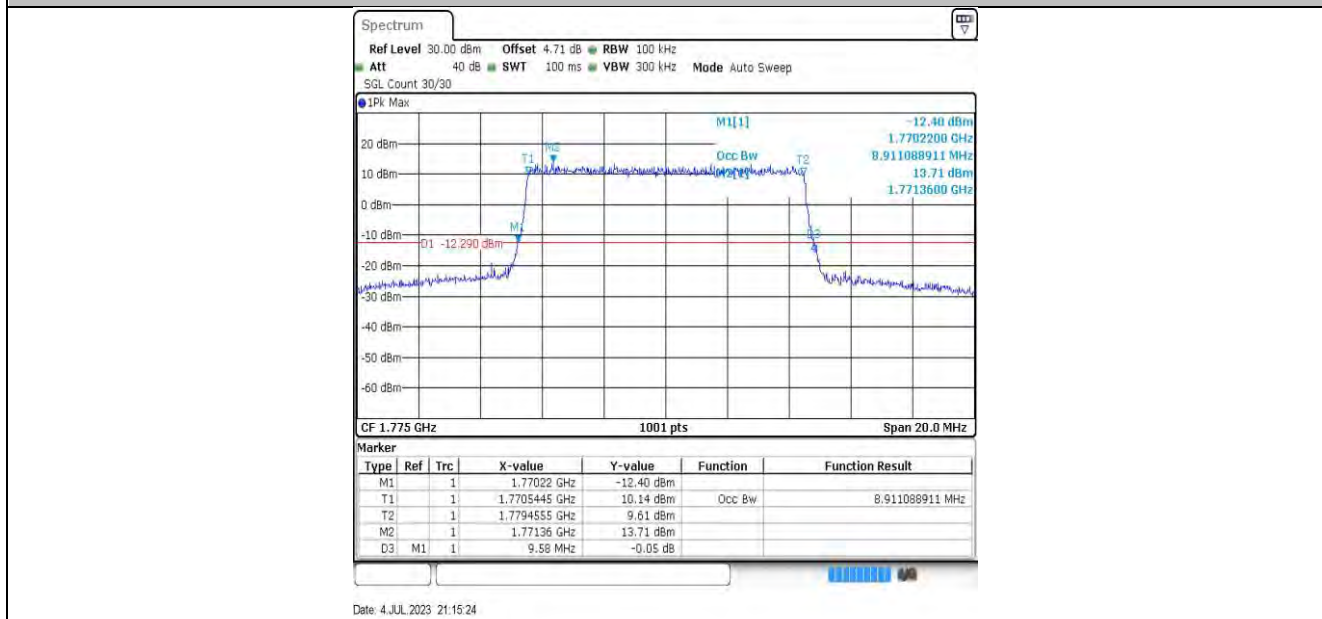
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10MHz-132622 QPSK



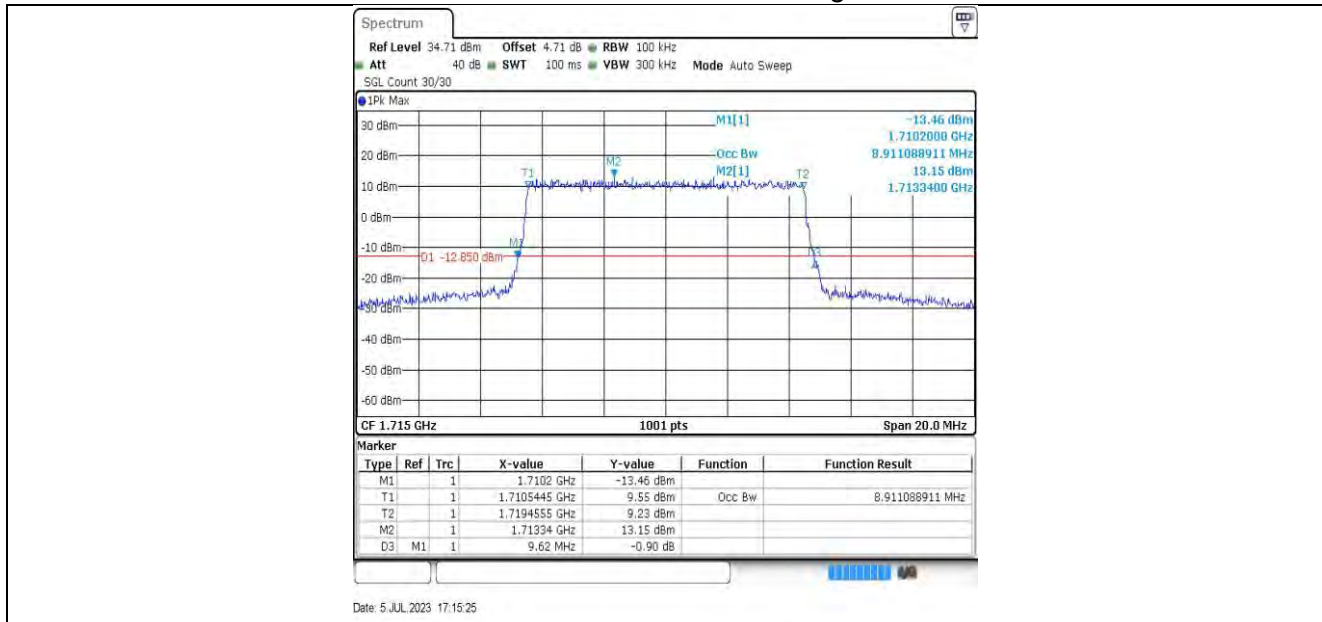
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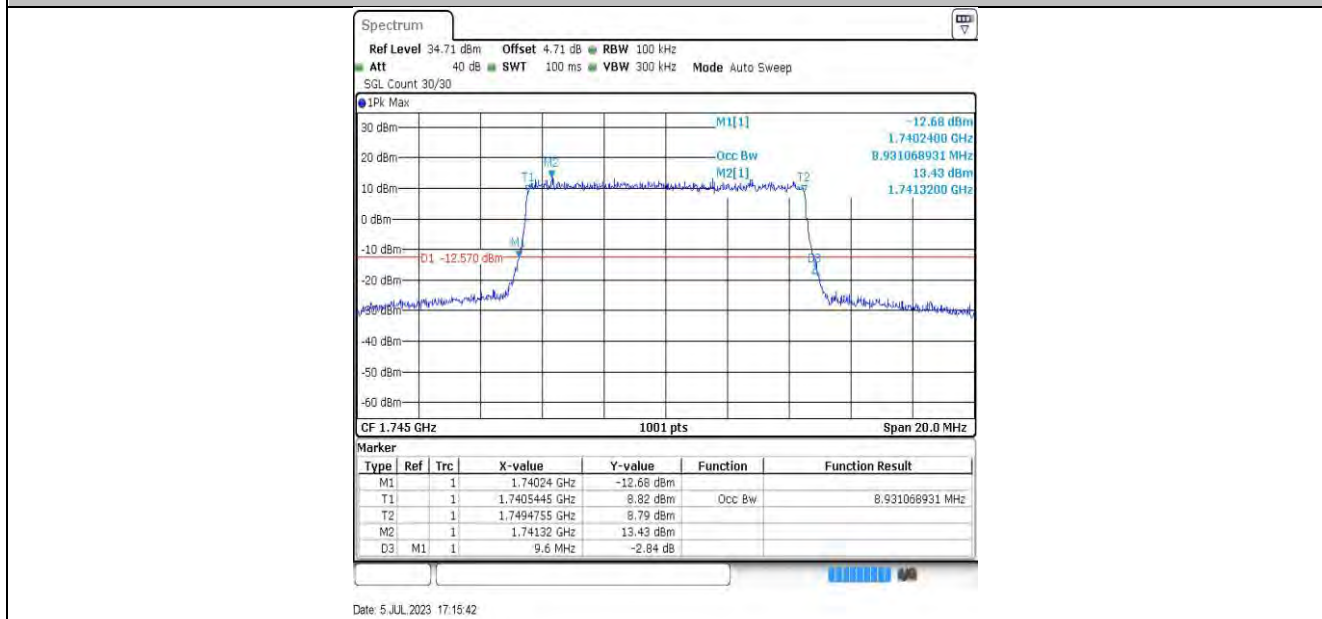
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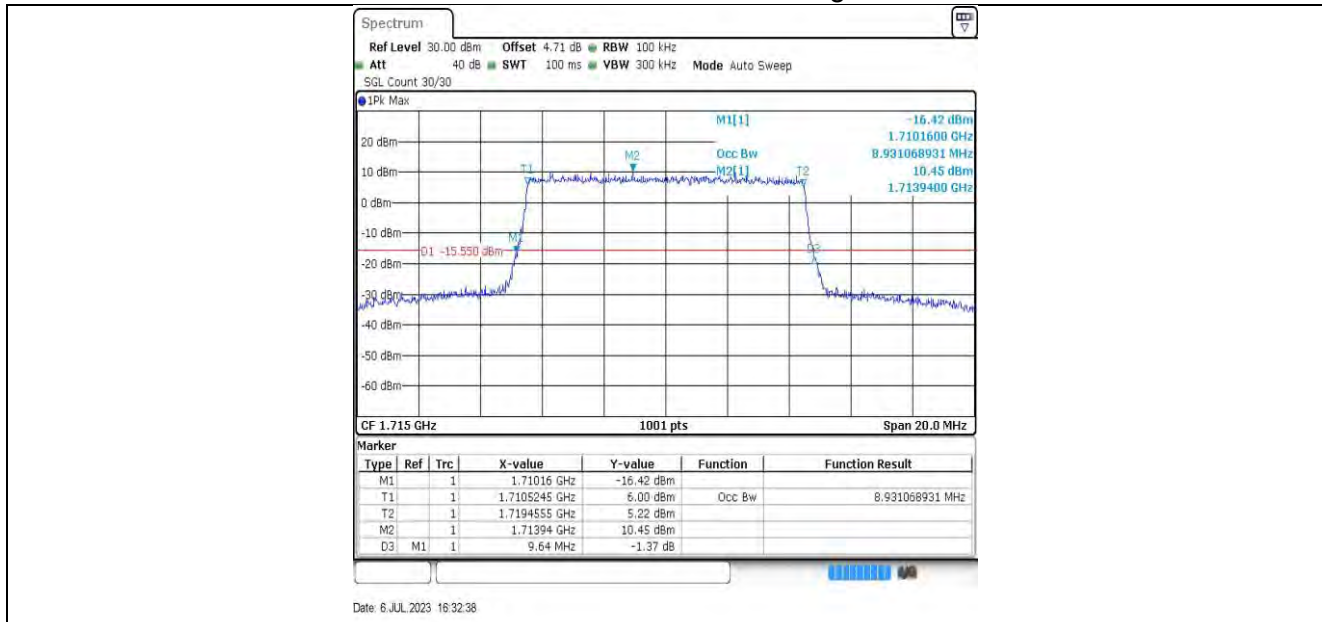


10MHz-132022 16QAM

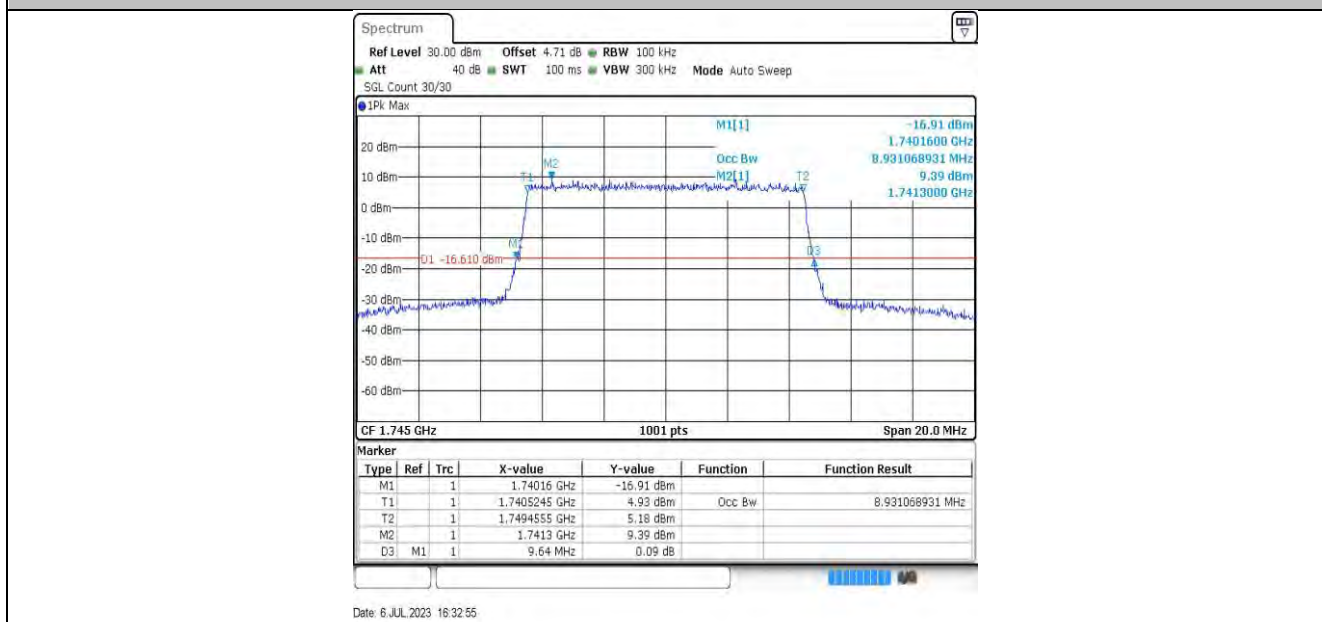


10MHz-132322 16QAM





10MHz-132022 64QAM



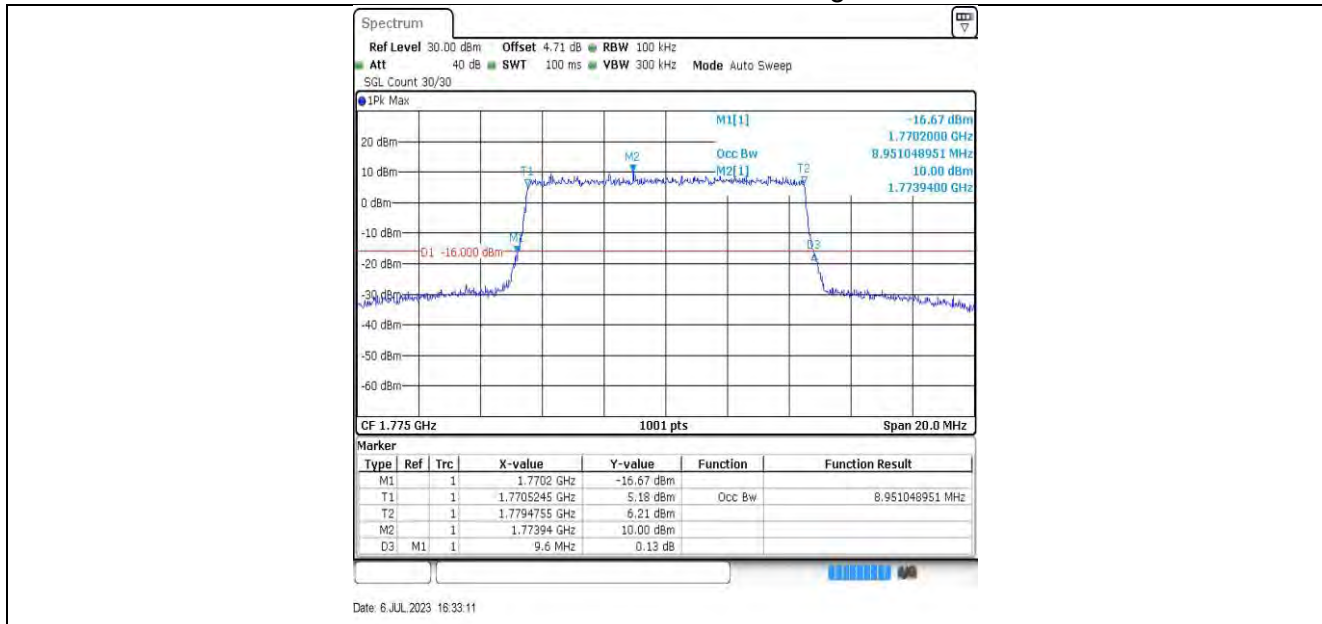
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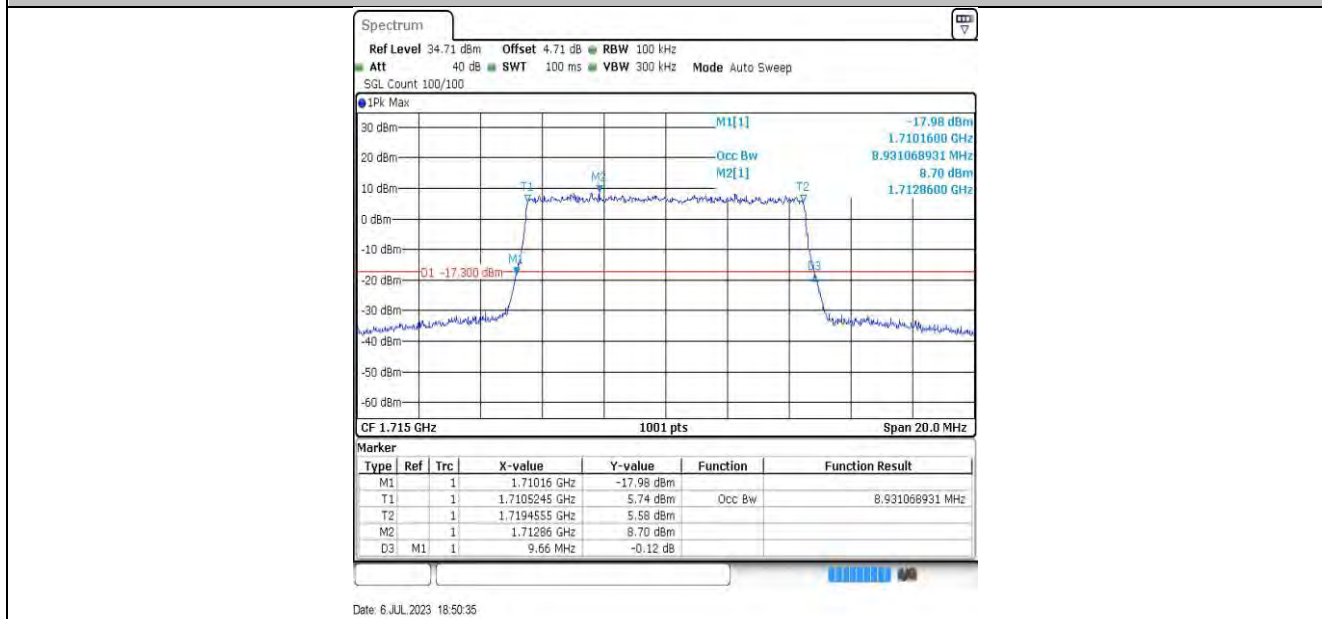
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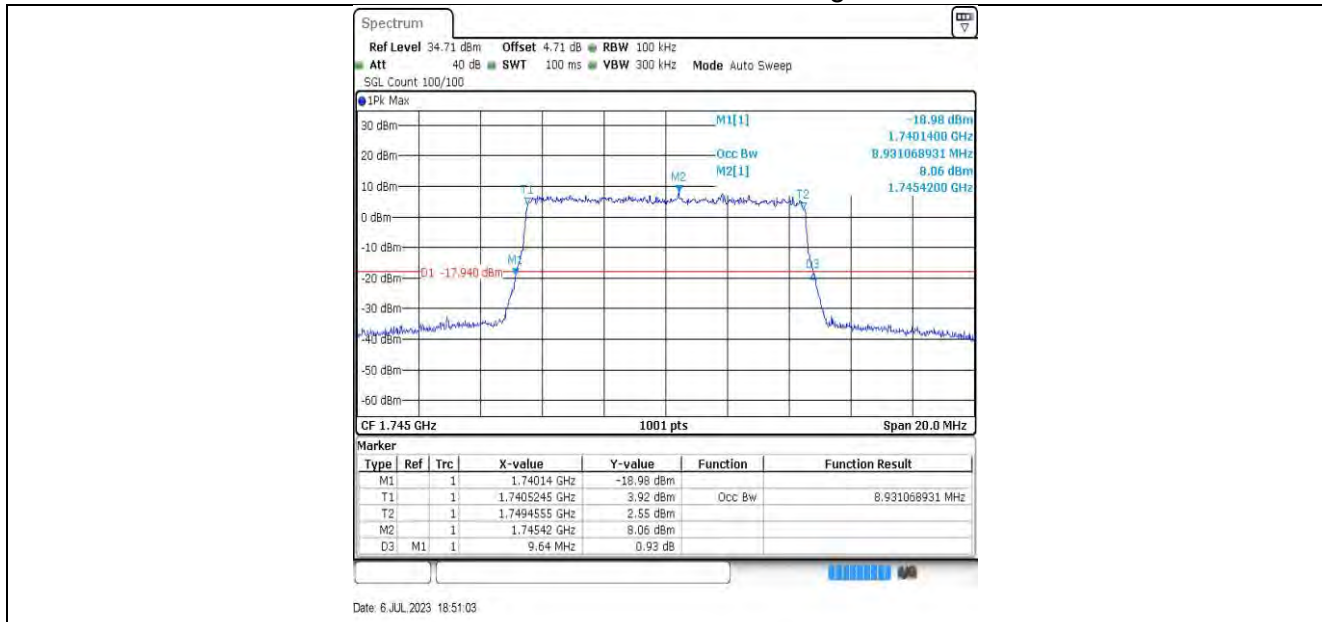
10MHz-132022 256QAM



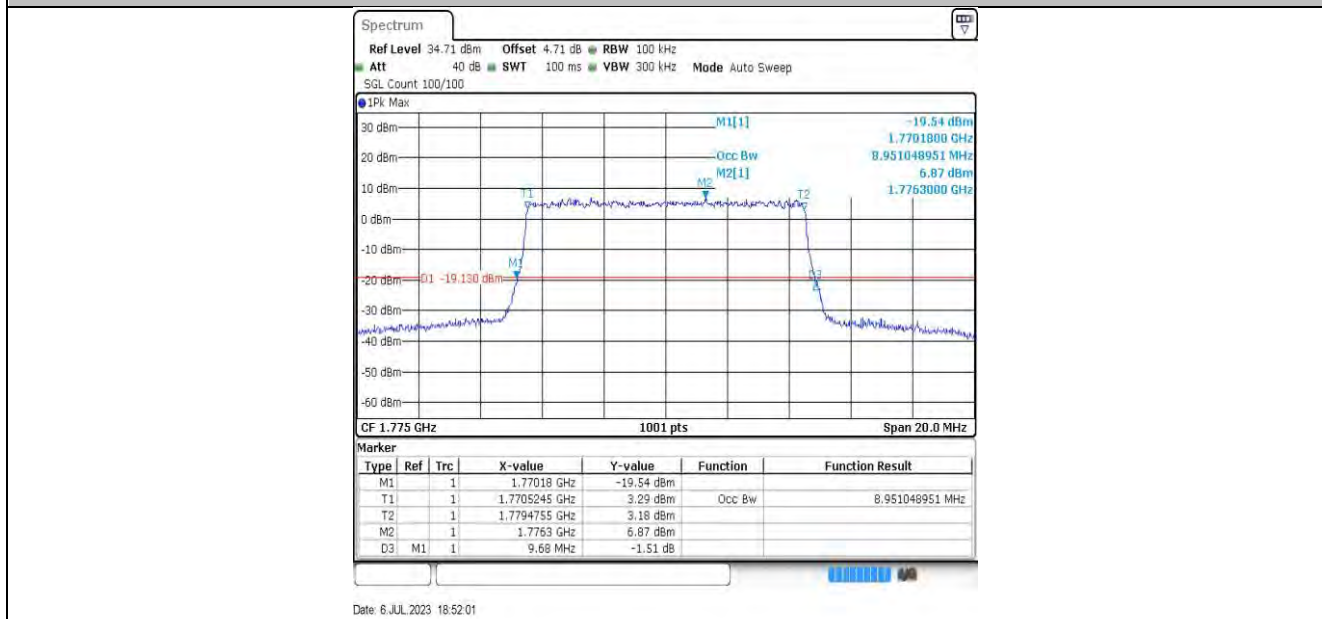
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10MHz-132322 256QAM



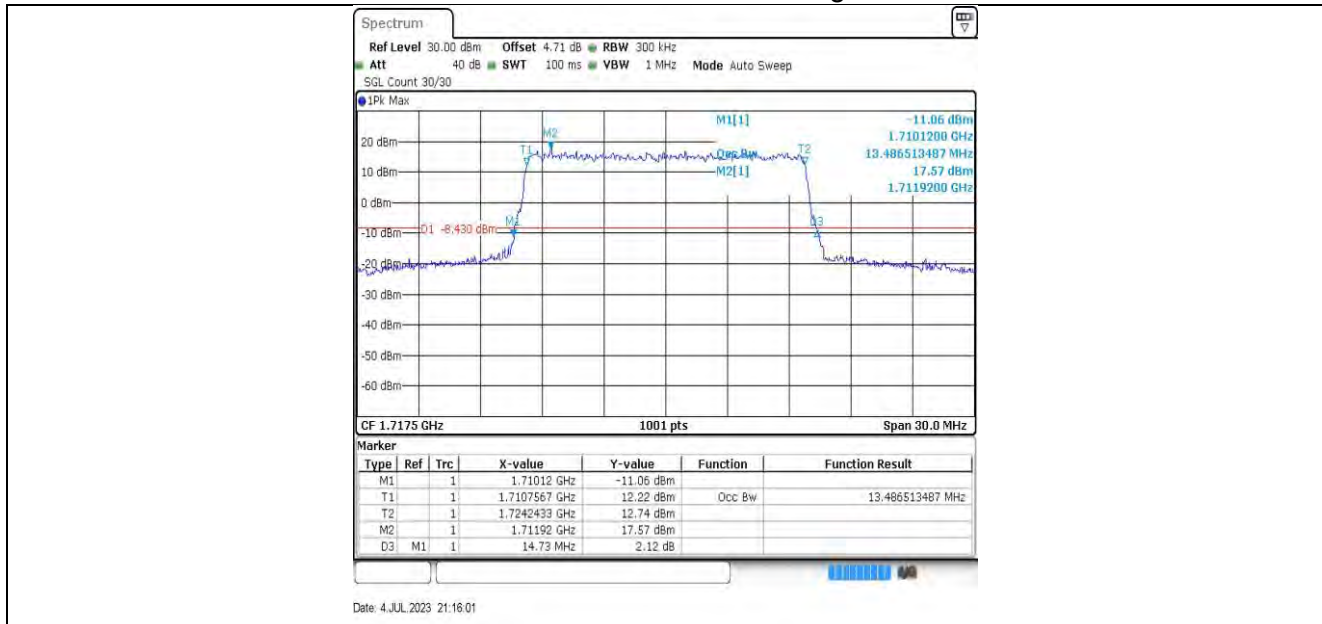
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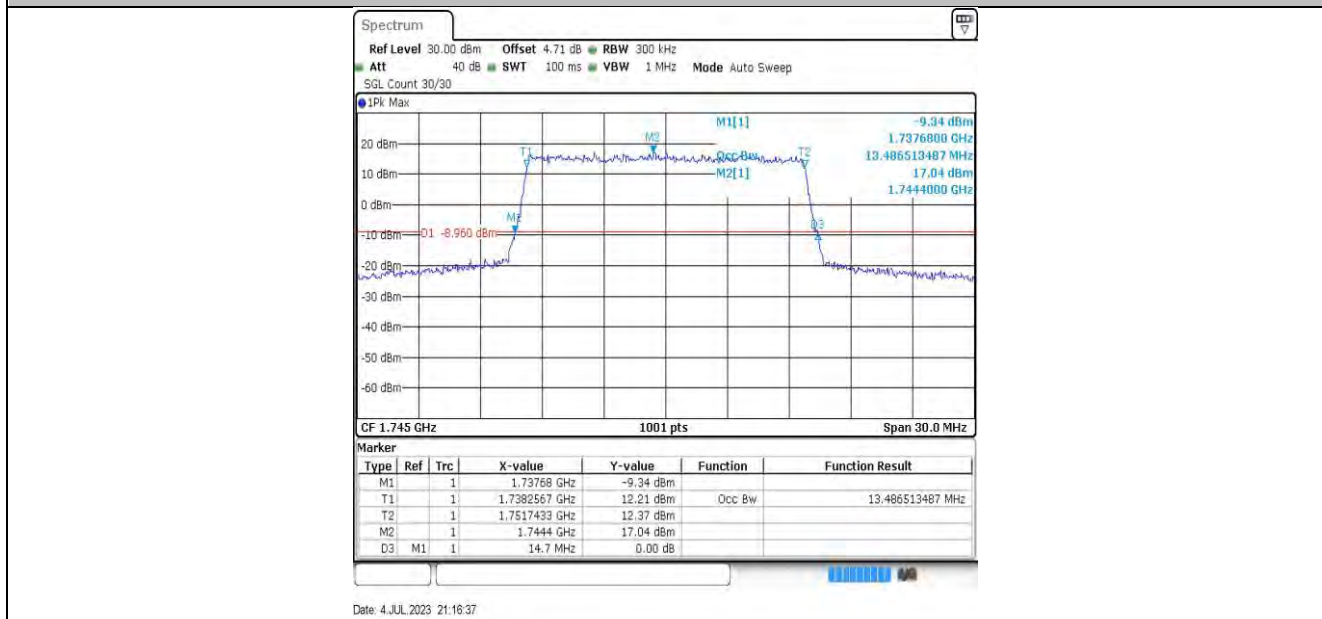
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15MHz-132047 QPSK



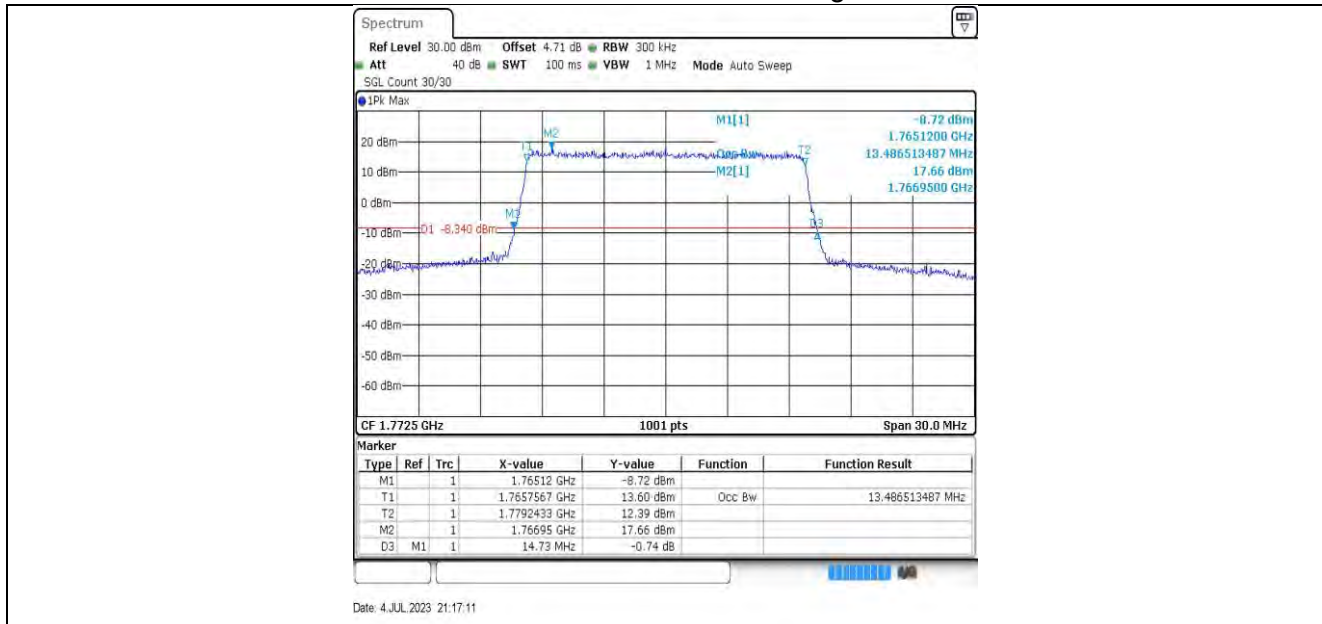
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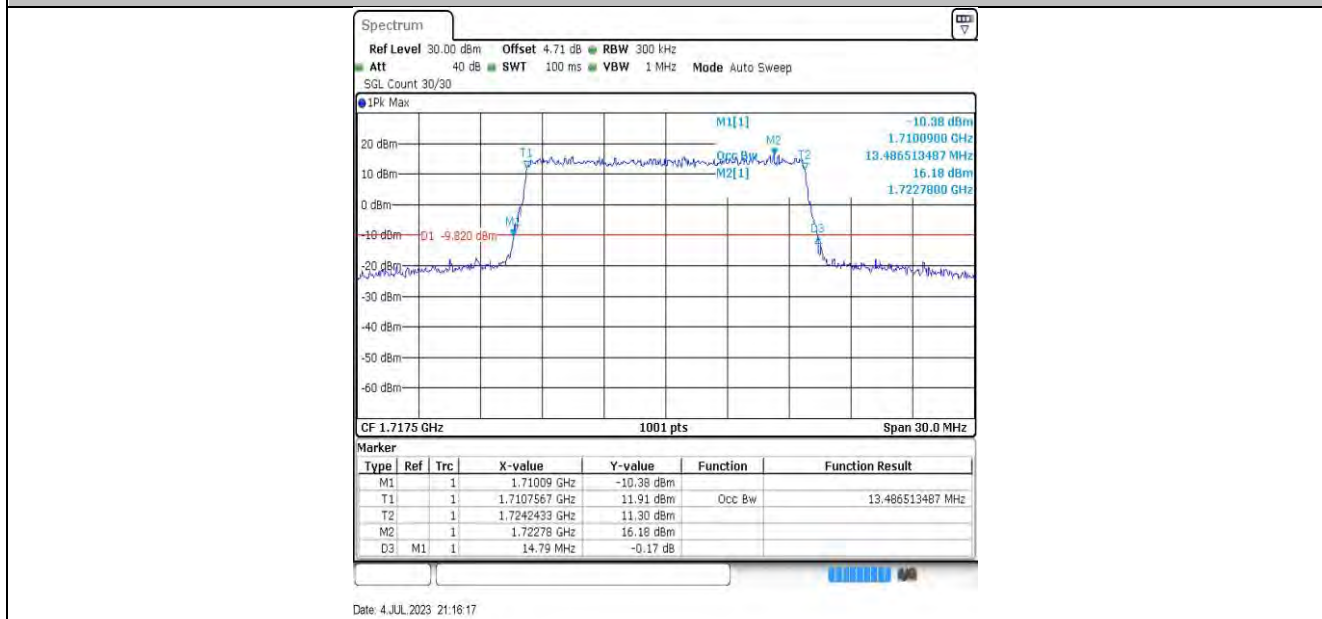
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15MHz-132597 QPSK



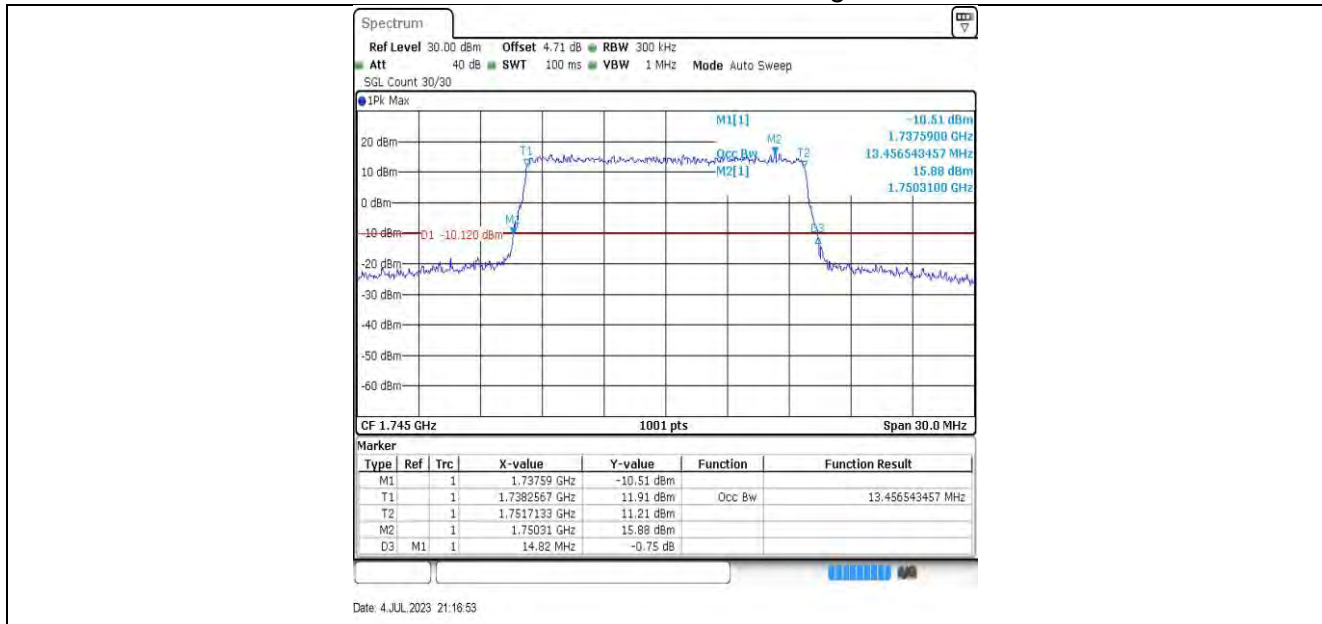
15MHz-132047 16QAM



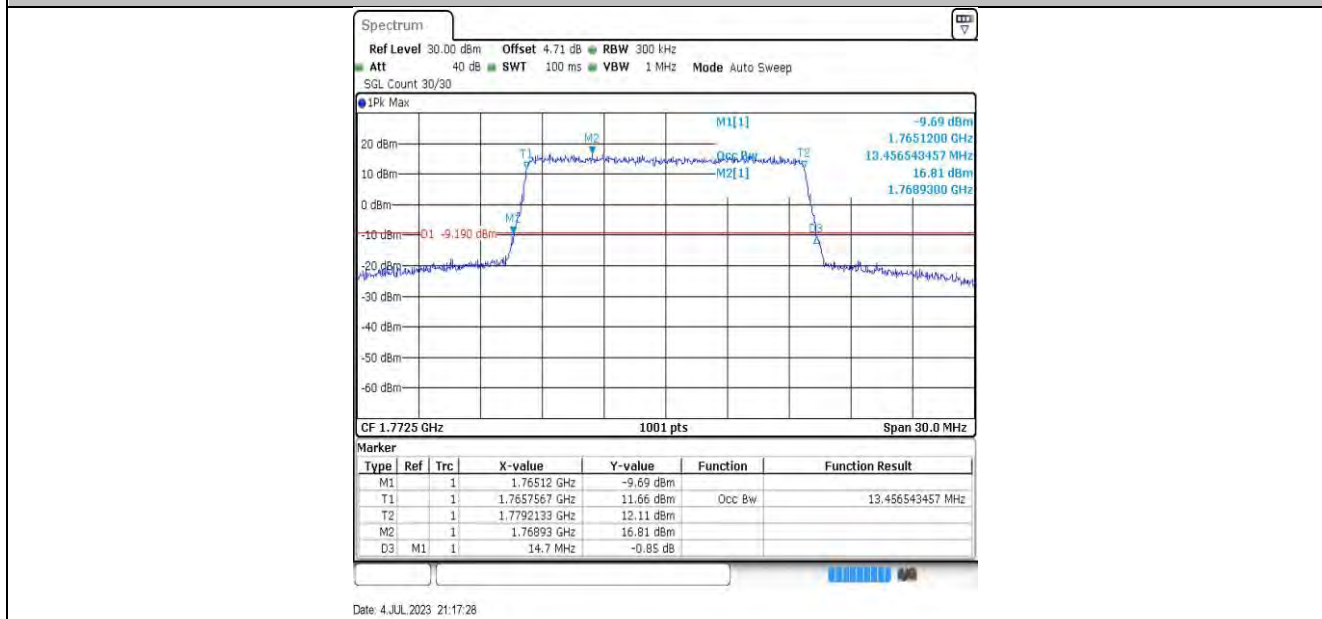
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15MHz-132322 16QAM



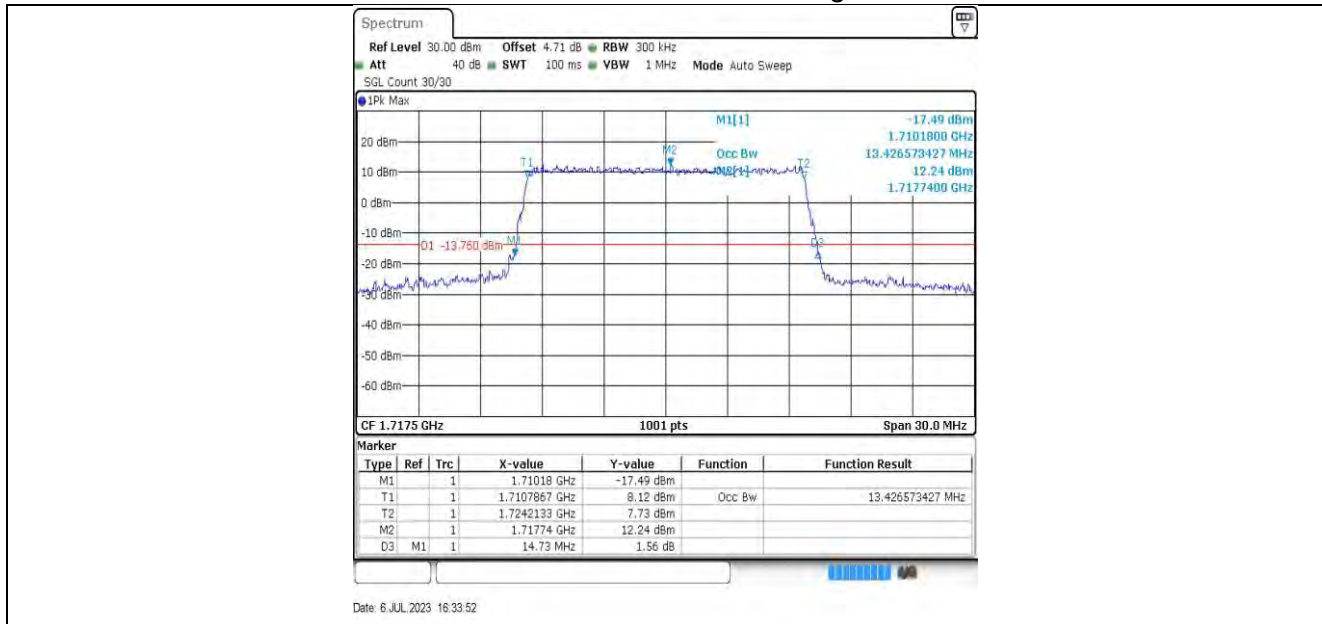
15MHz-132597 16QAM



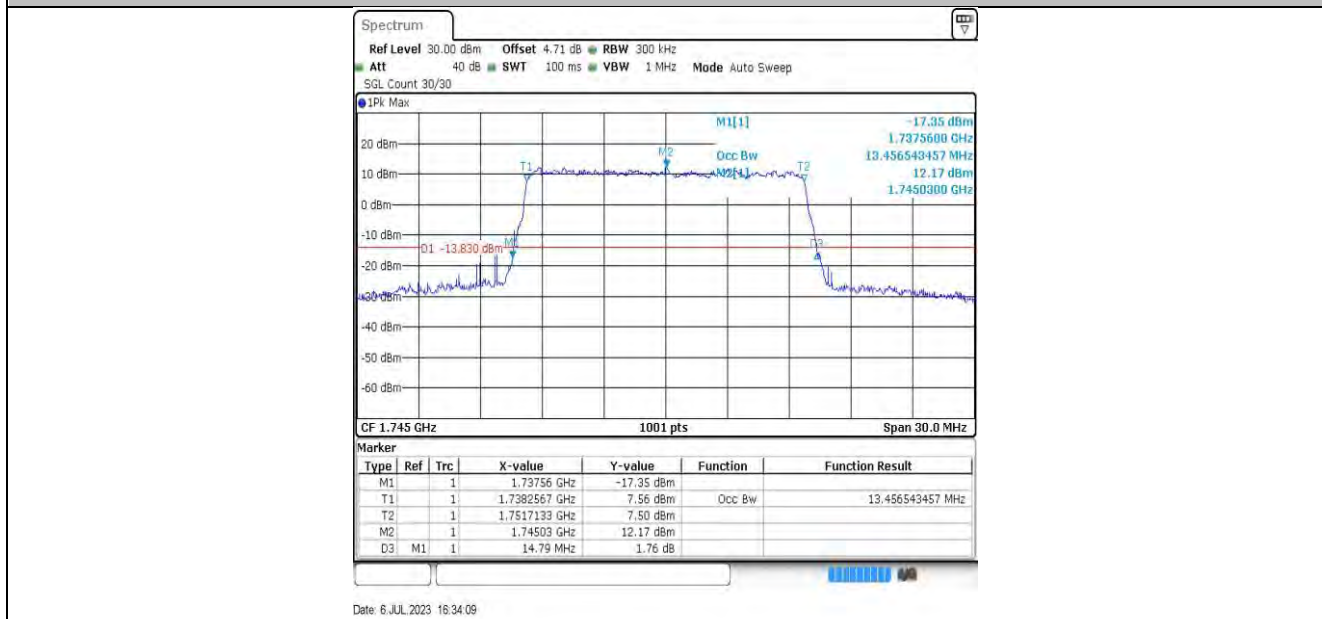
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15MHz-132047 64QAM



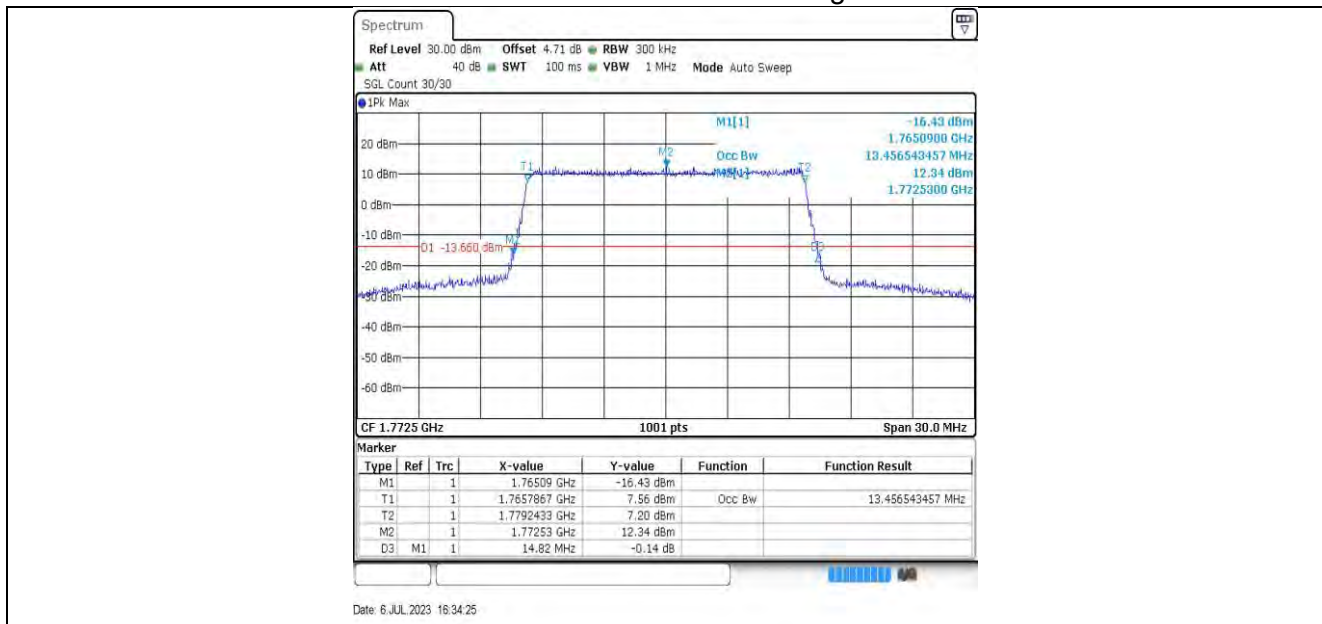
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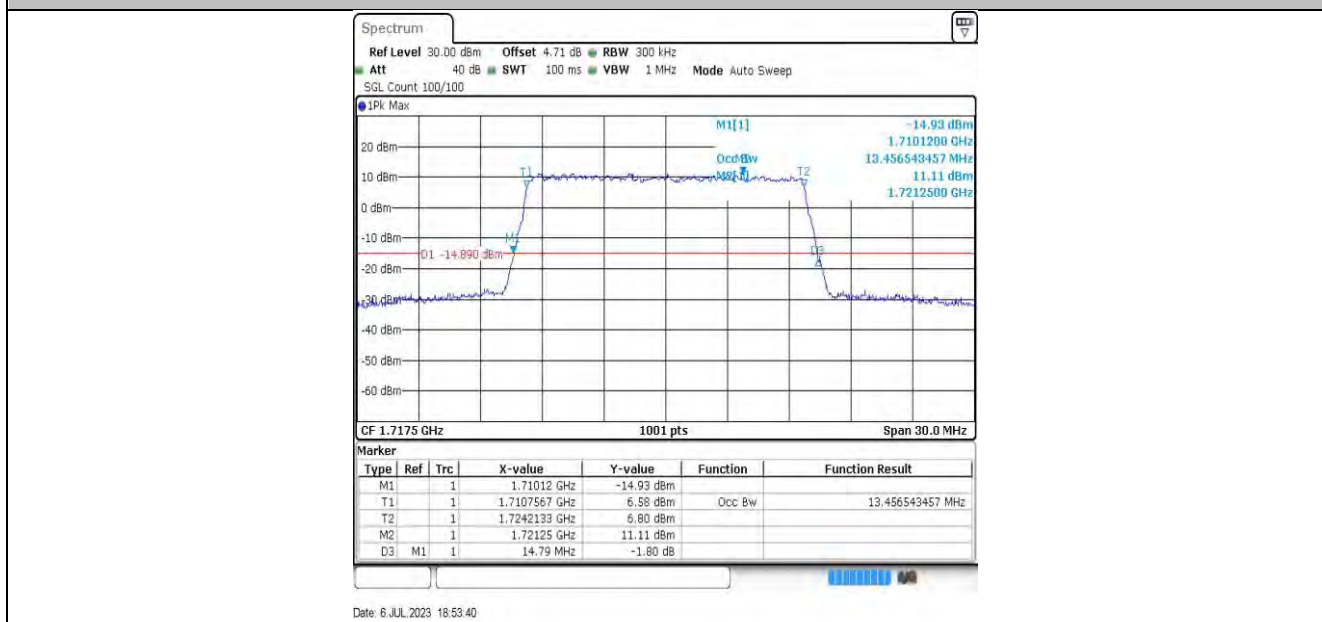
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15MHz-132597 64QAM



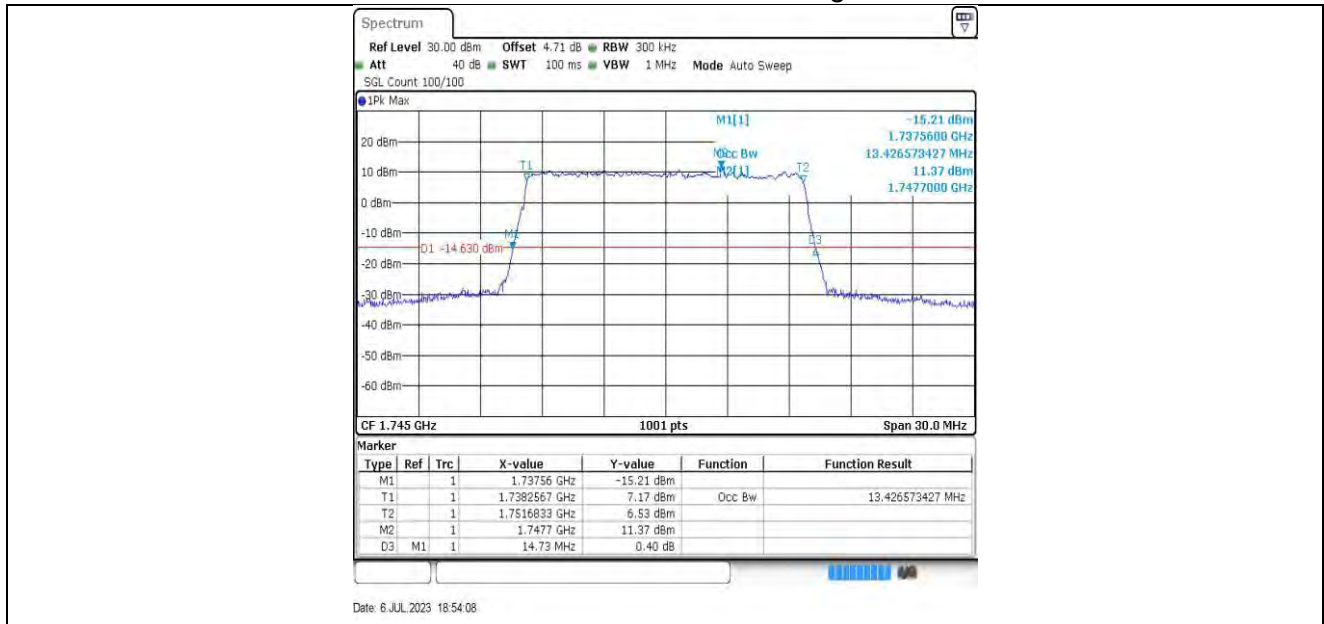
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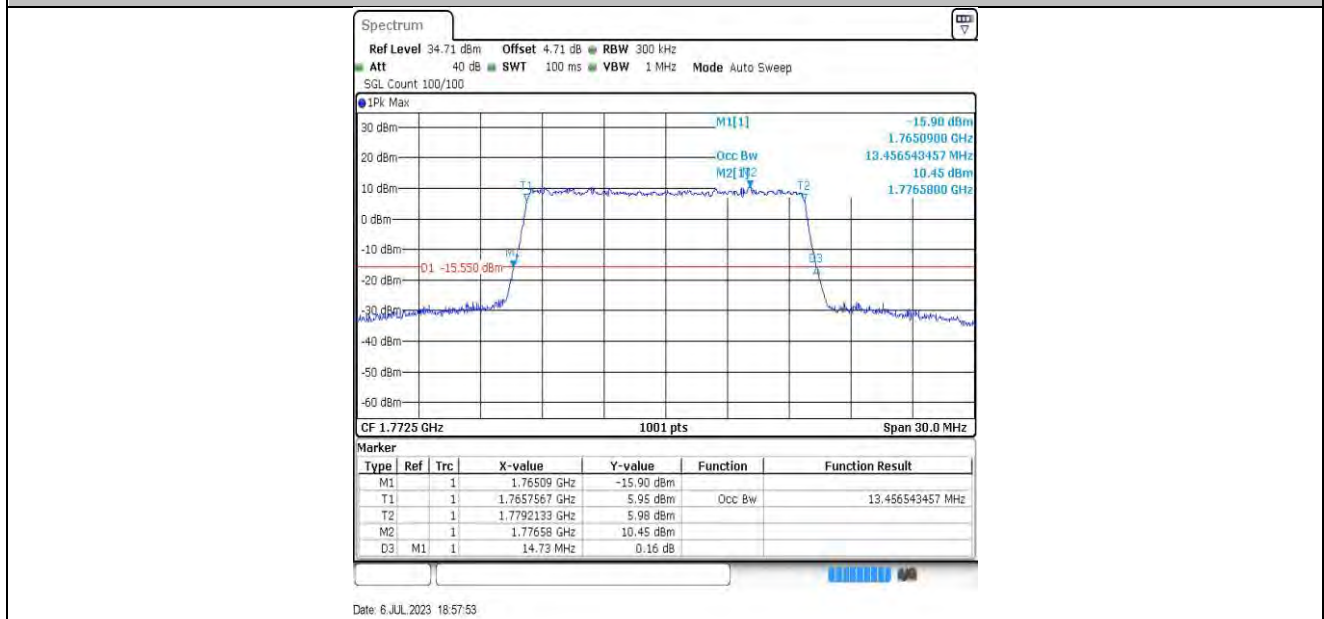
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15MHz-132322 256QAM



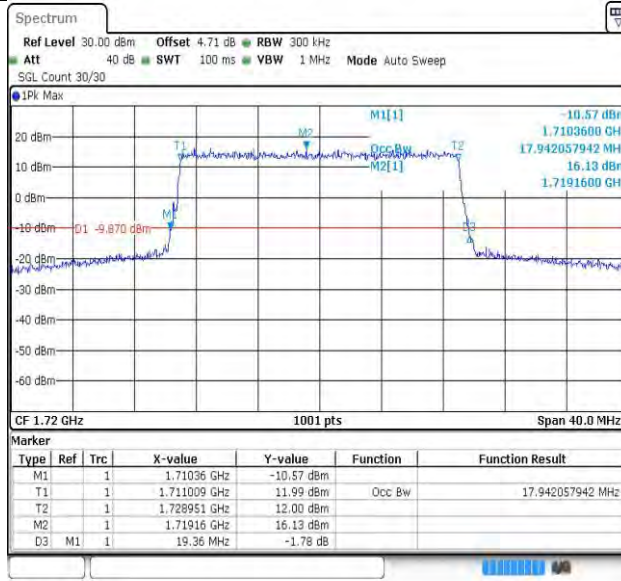
15MHz-132597 256QAM



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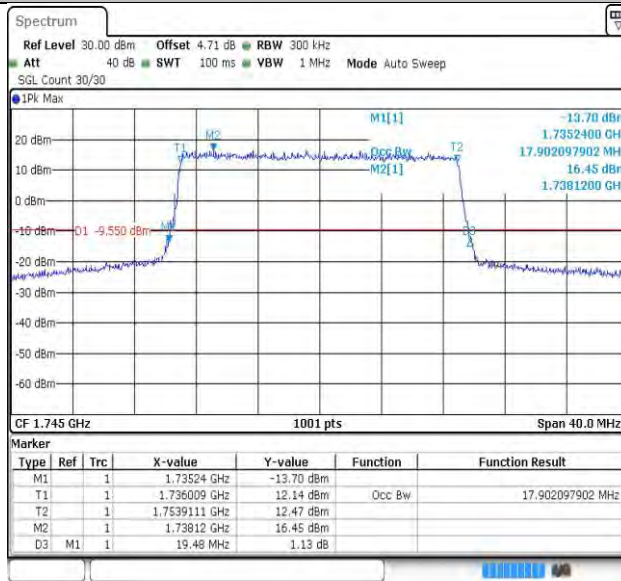
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Date: 4 JUL 2023 21:18:01

20MHz-132072 QPSK



Date: 4 JUL 2023 21:18:35

20MHz-132322 QPSK

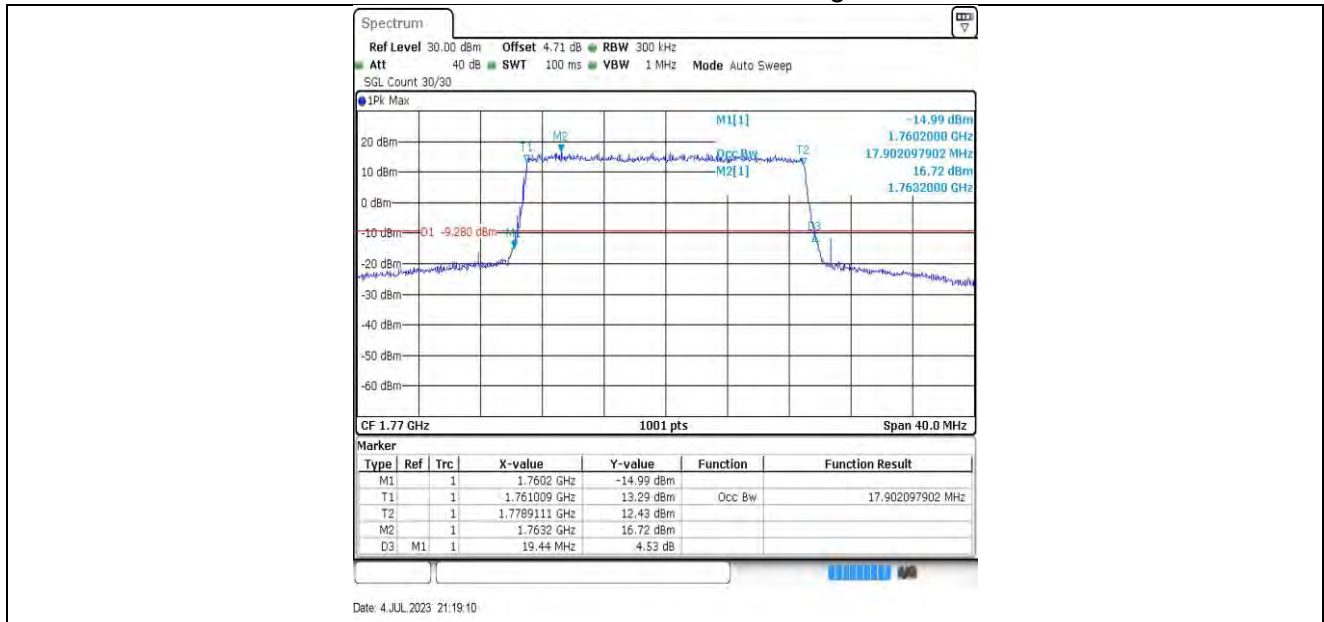


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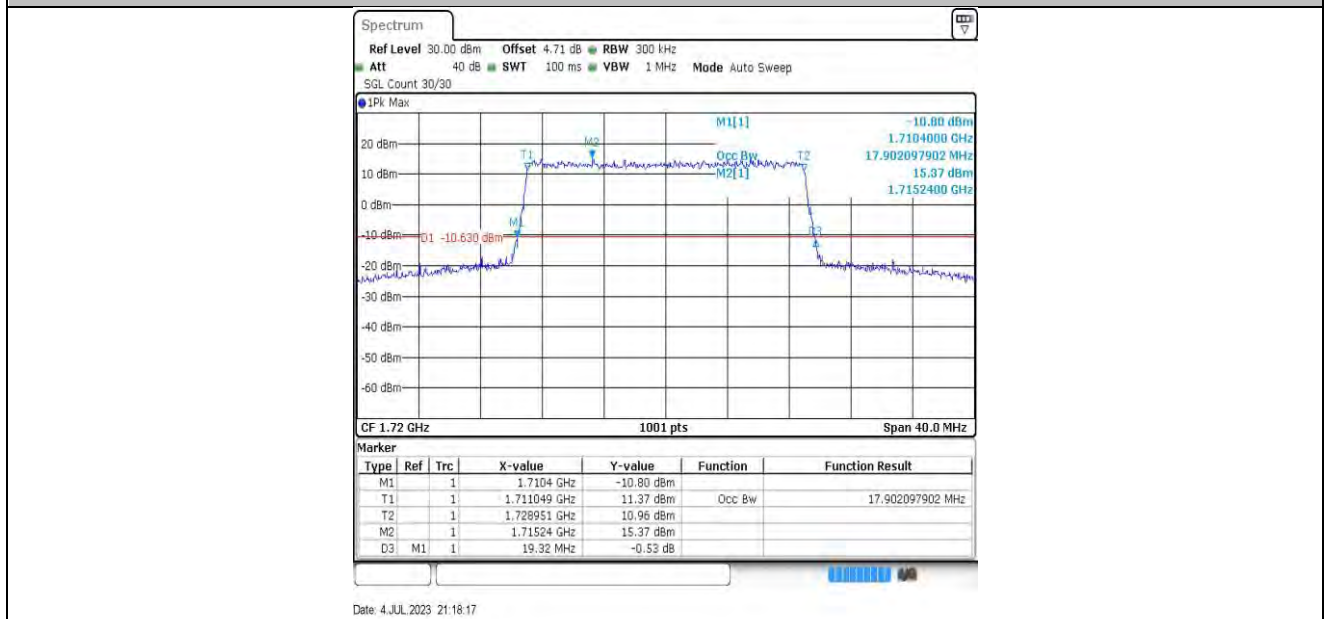
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20MHz-132572 QPSK



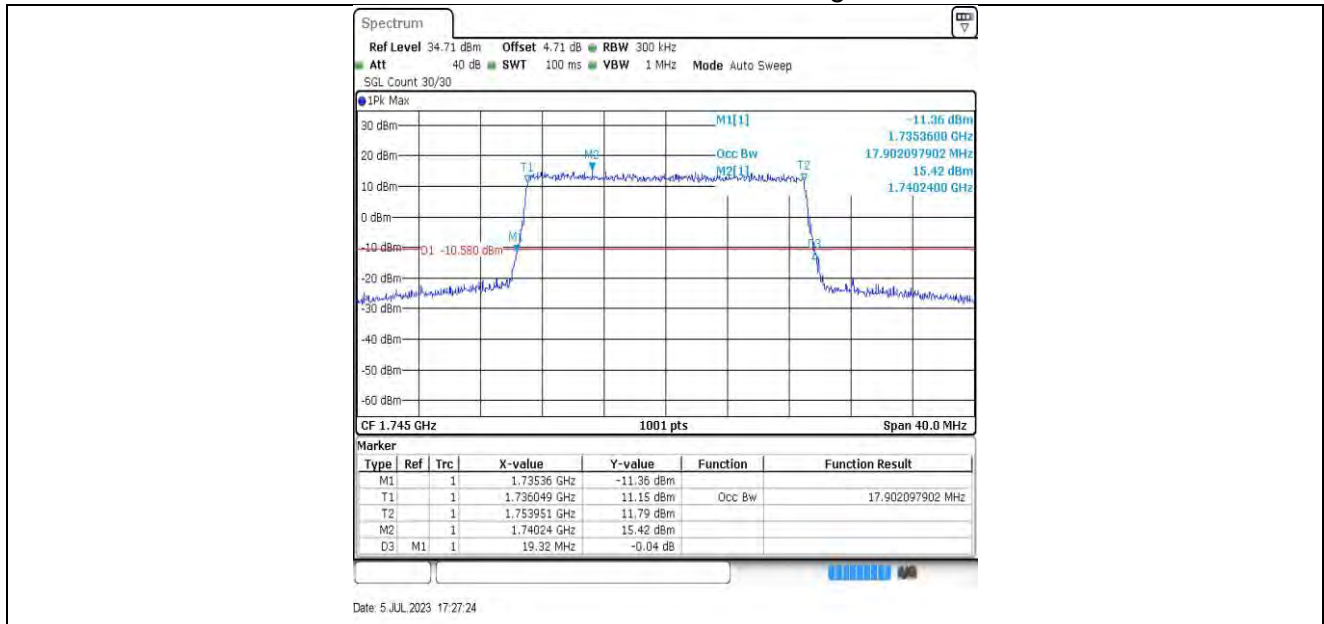
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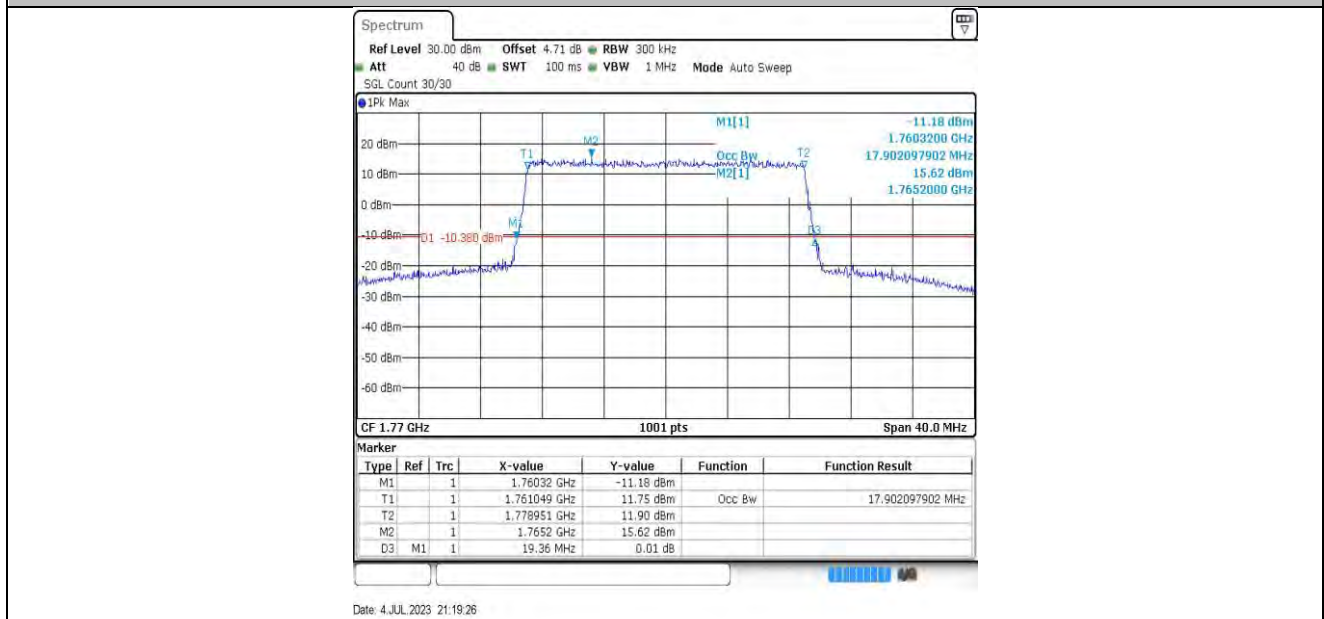
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20MHz-132322 16QAM

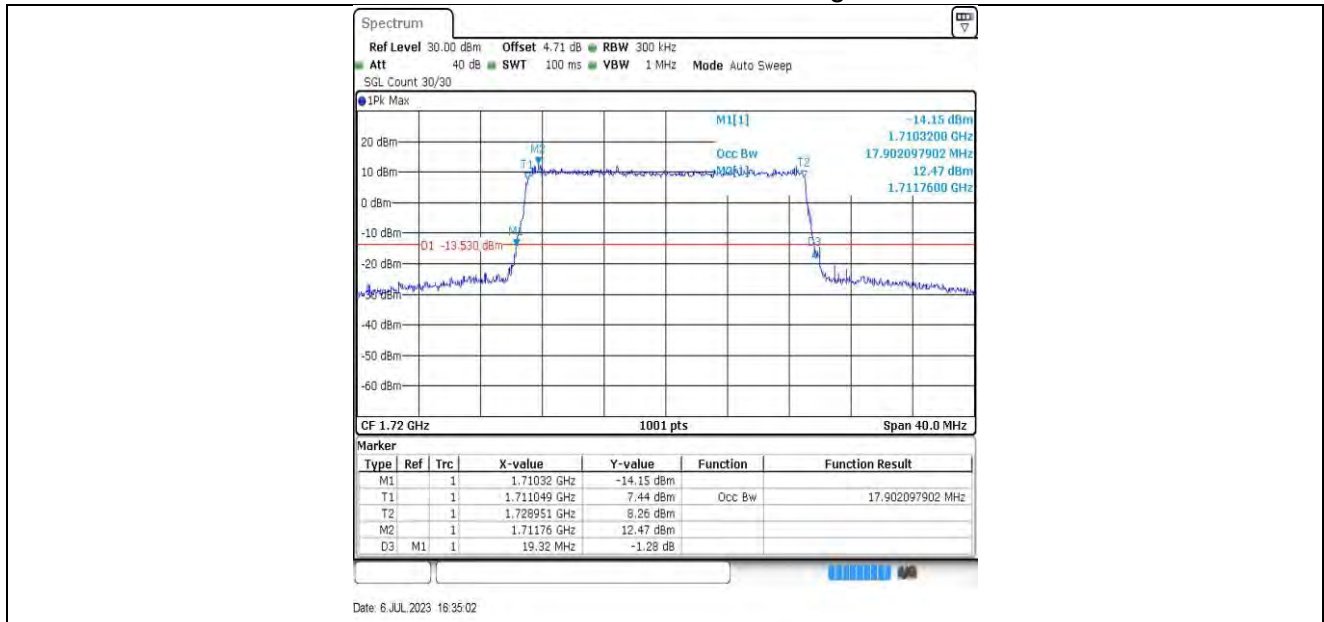


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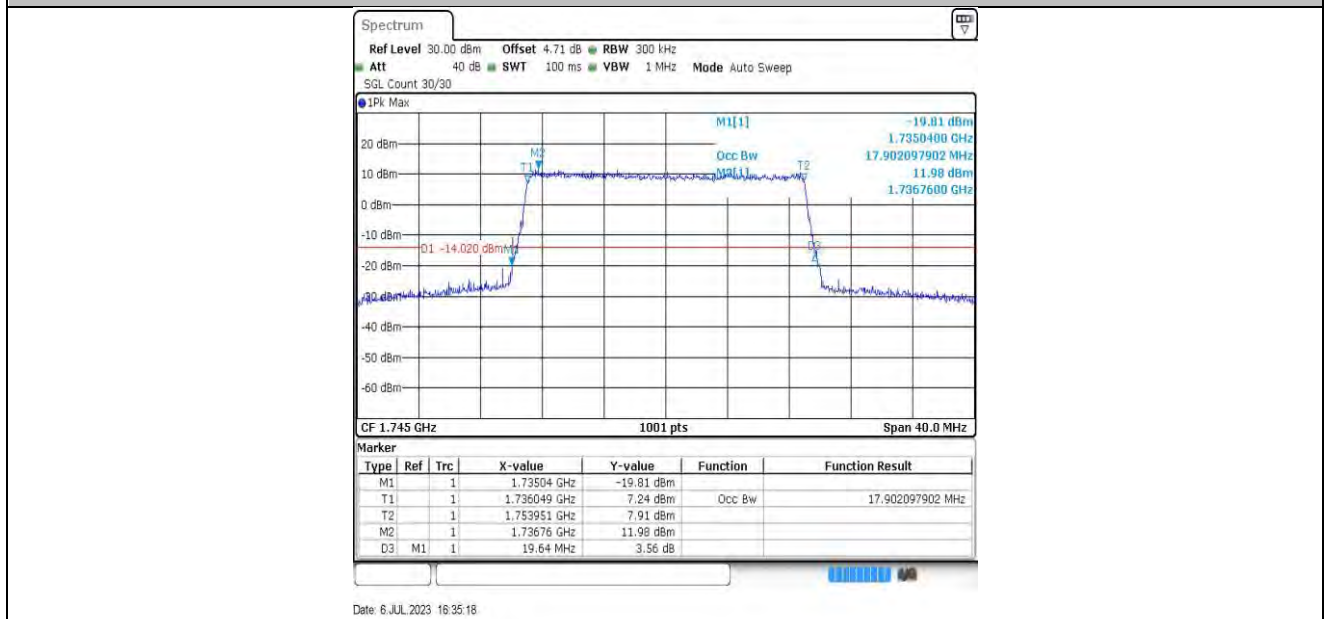


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20MHz-132072 64QAM



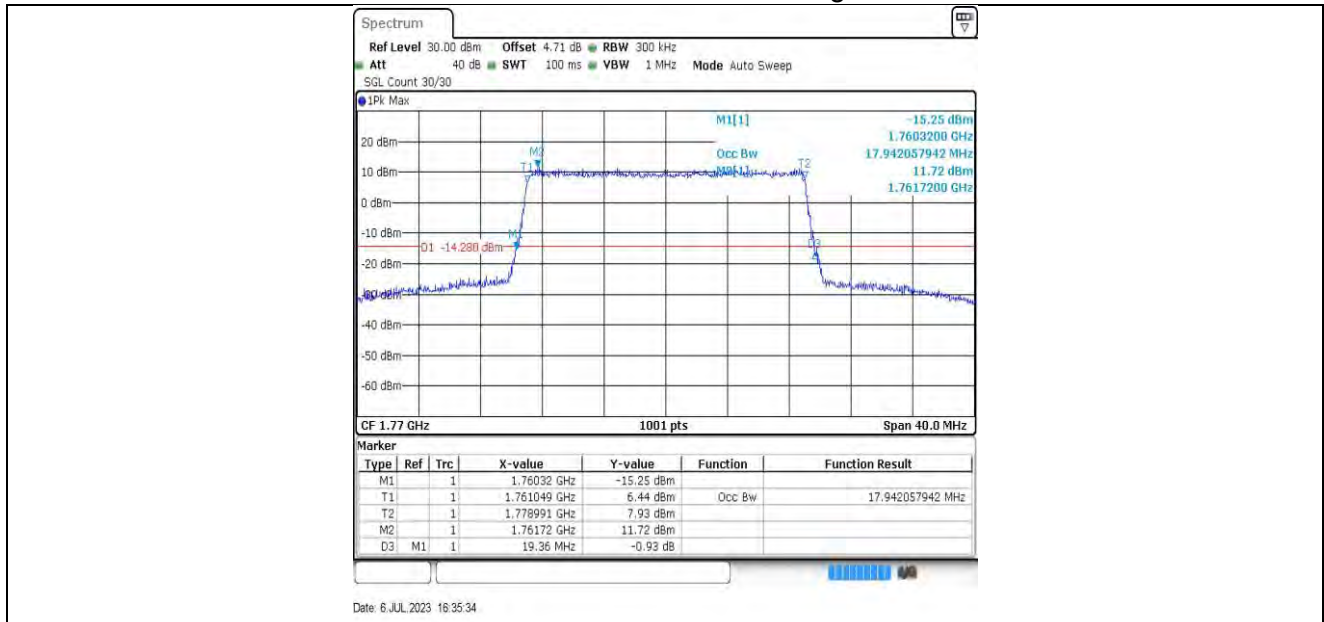
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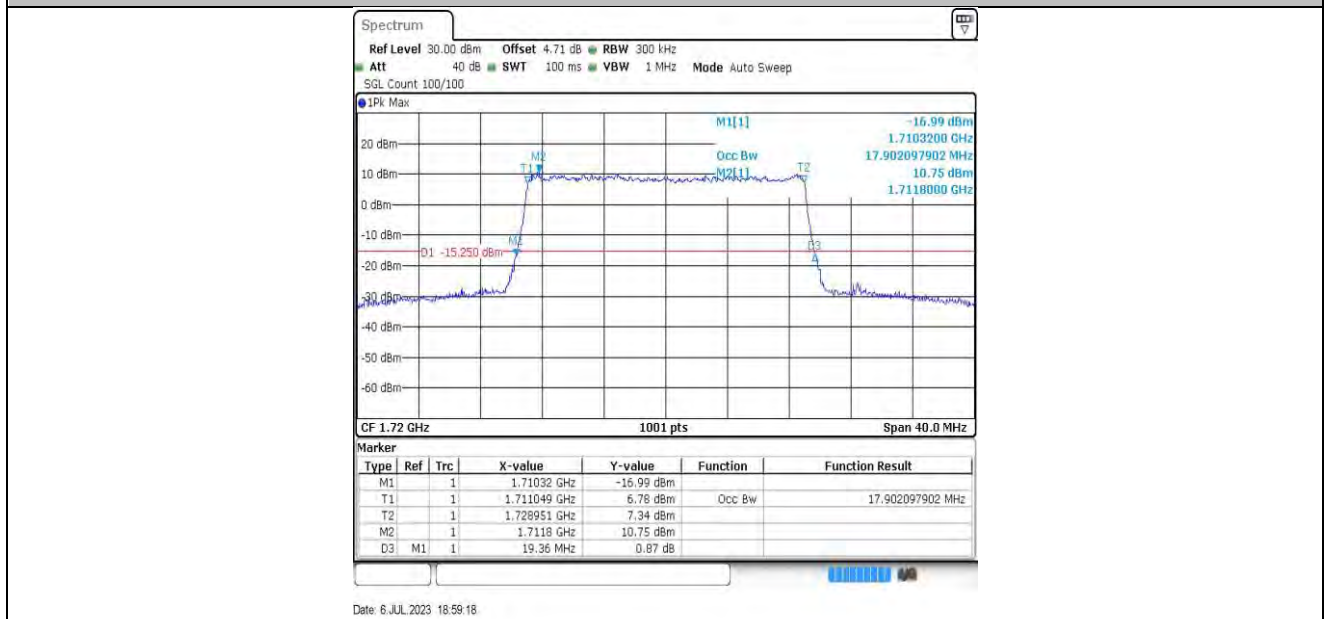
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20MHz-132572 64QAM



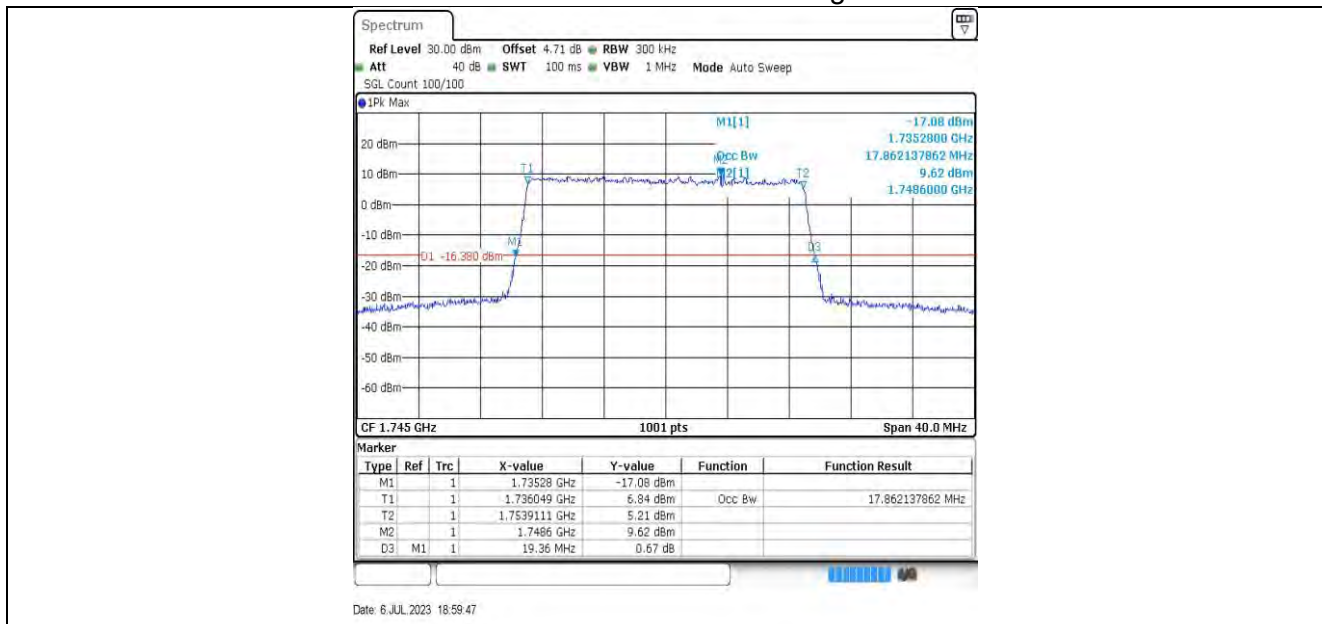
20MHz-132072 256QAM



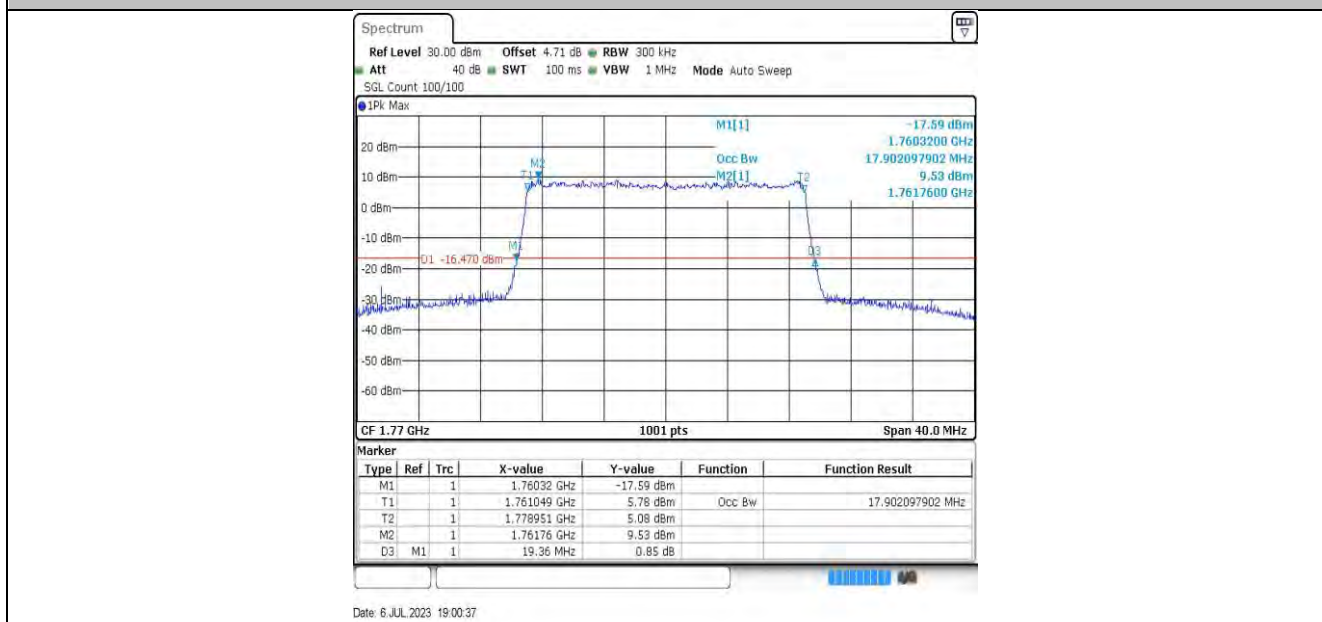
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20MHz-132322 256QAM



20MHz-132572 256QAM



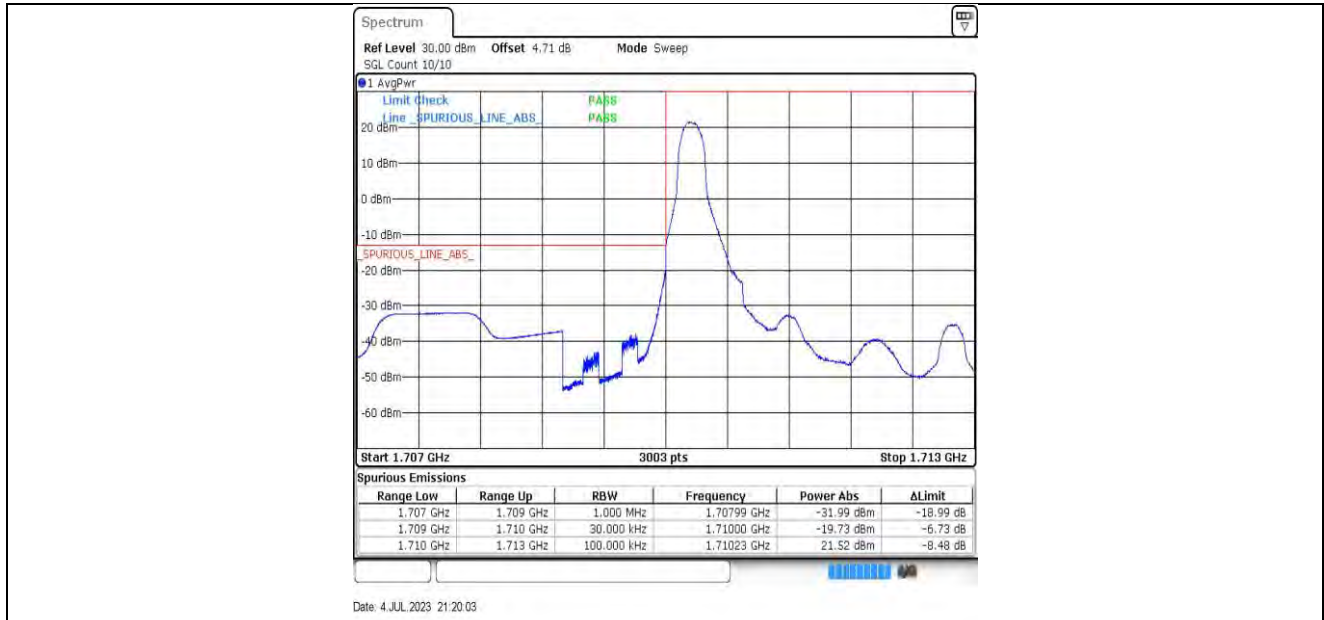
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Band Edge

Test Graphs



1.4MHz-131979



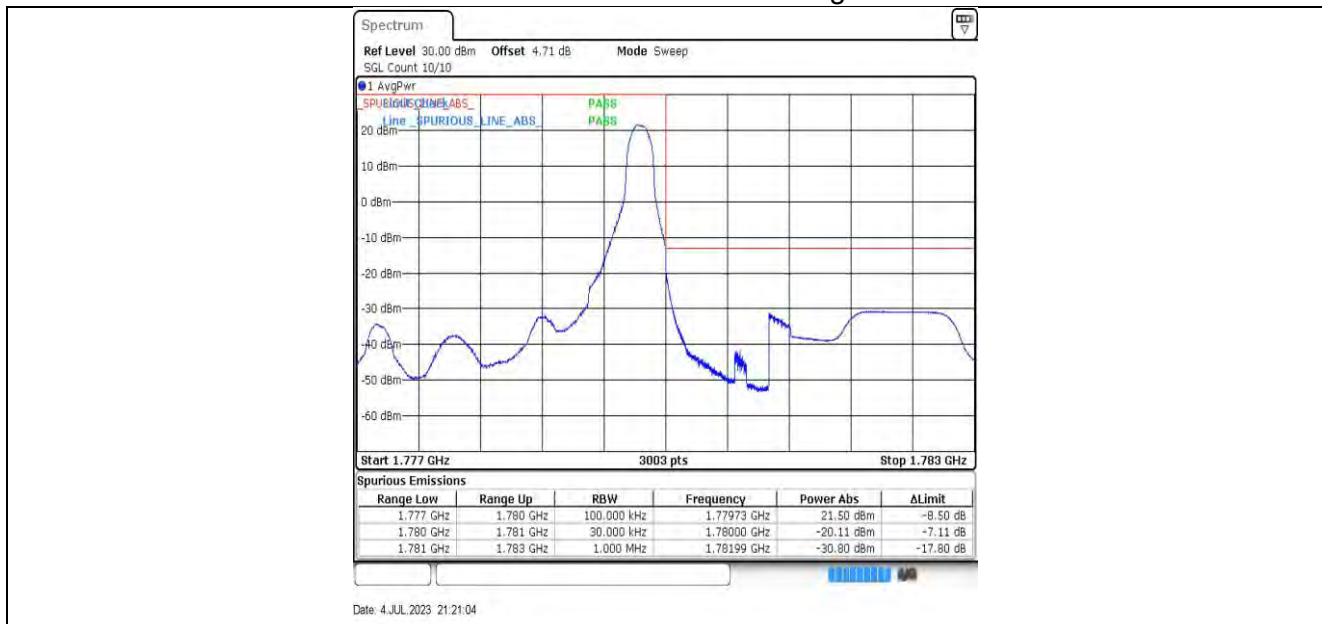
1.4MHz-131979



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1.4MHz-132665



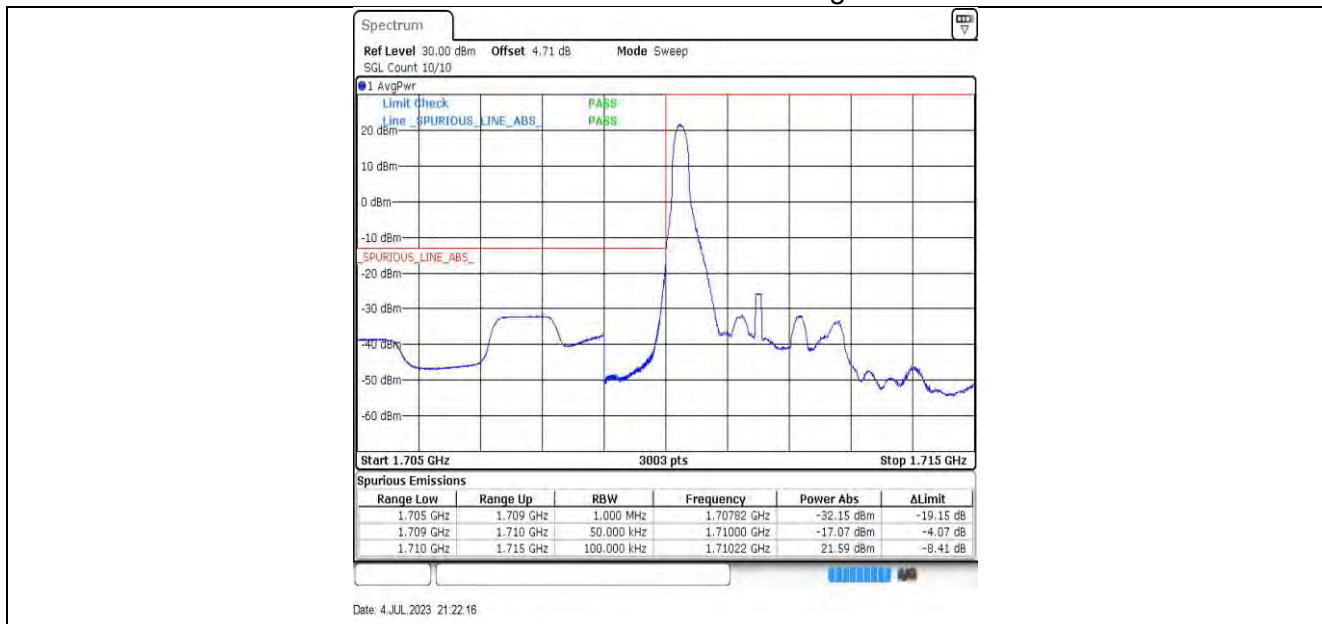
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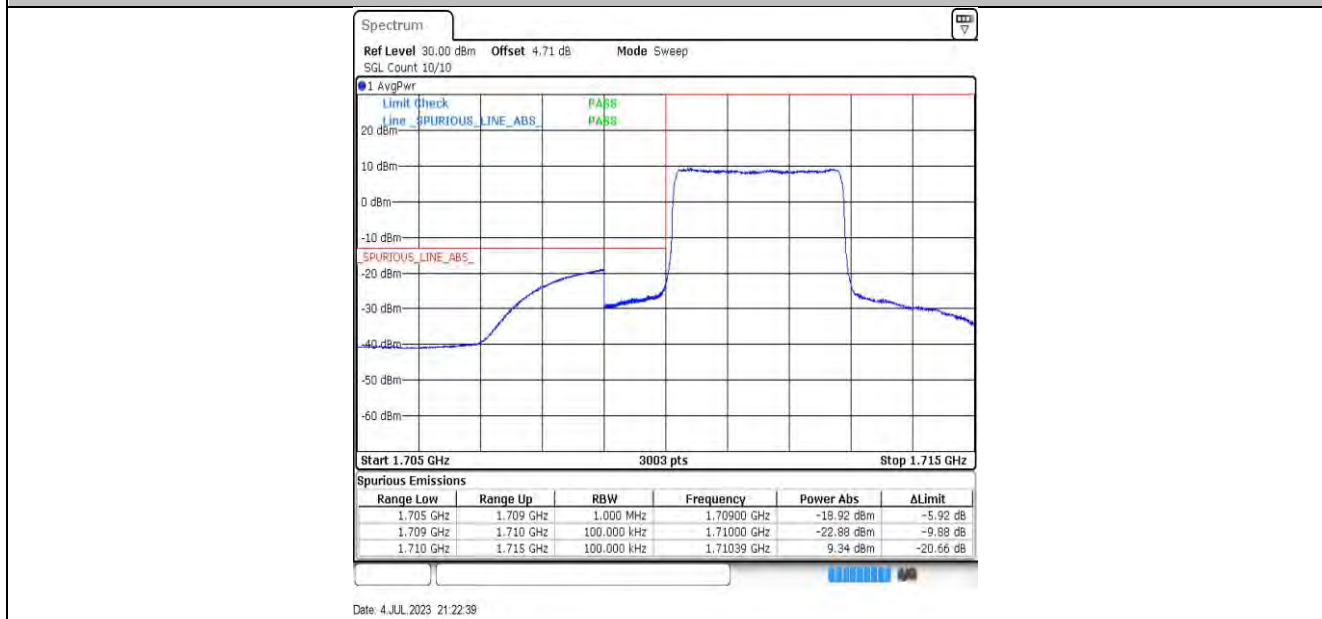
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3MHz-131987



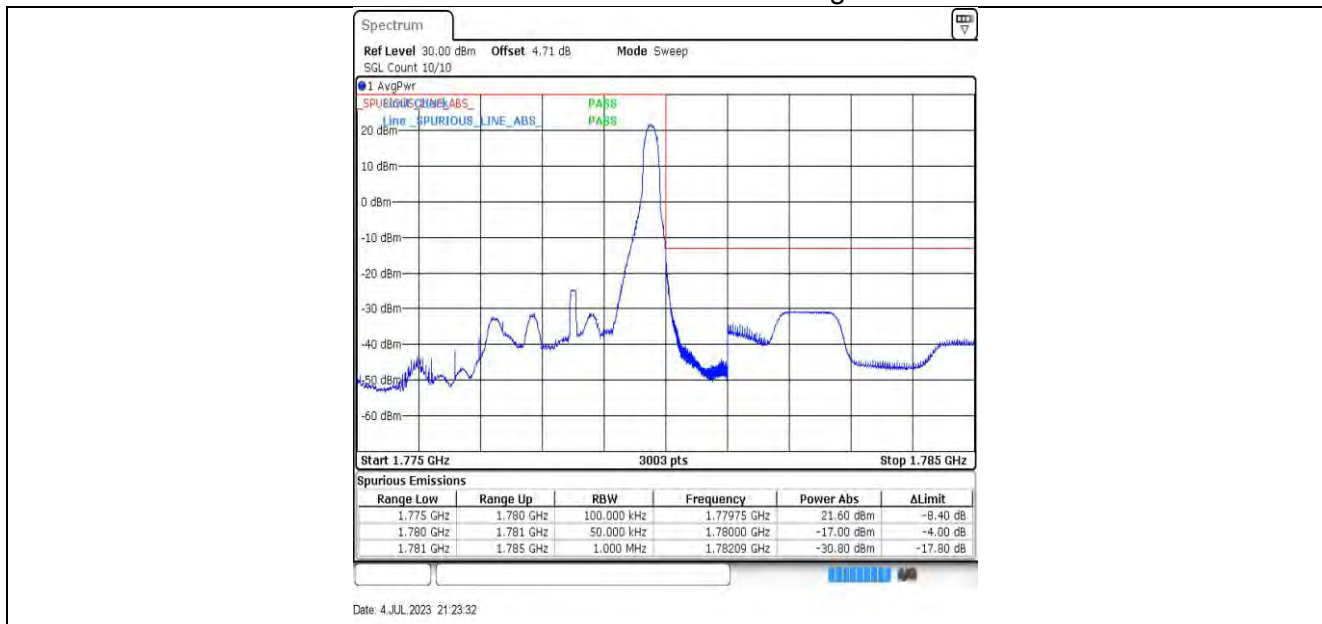
3MHz-131987



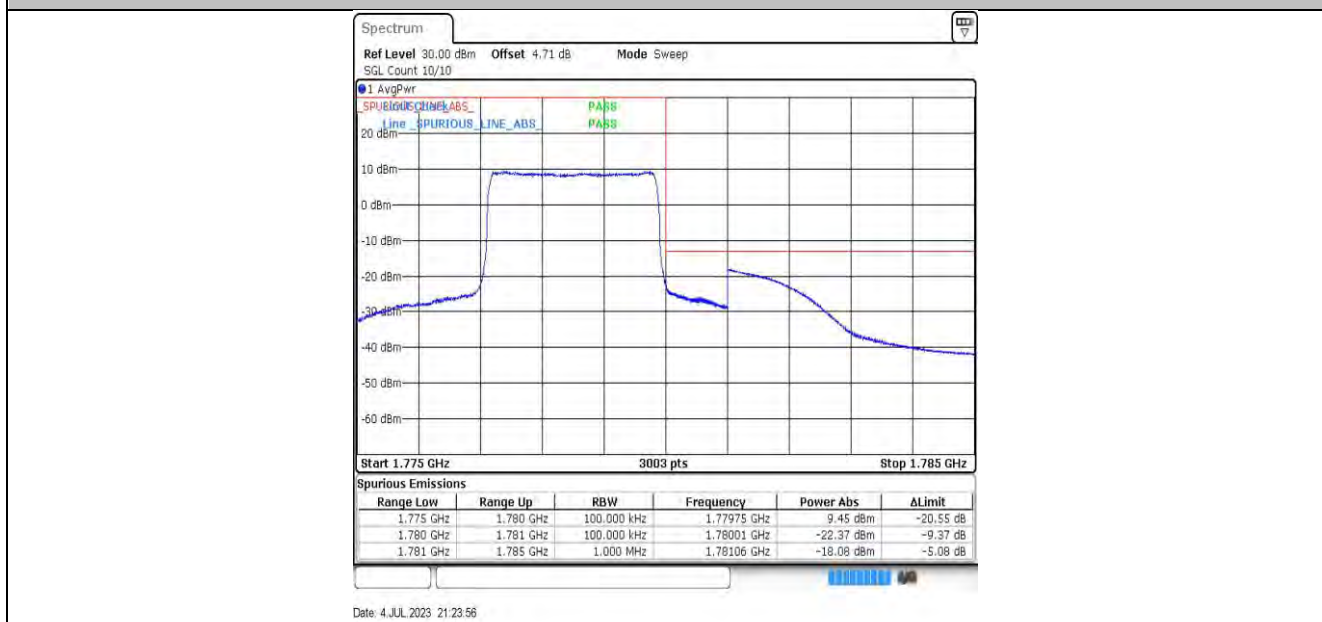
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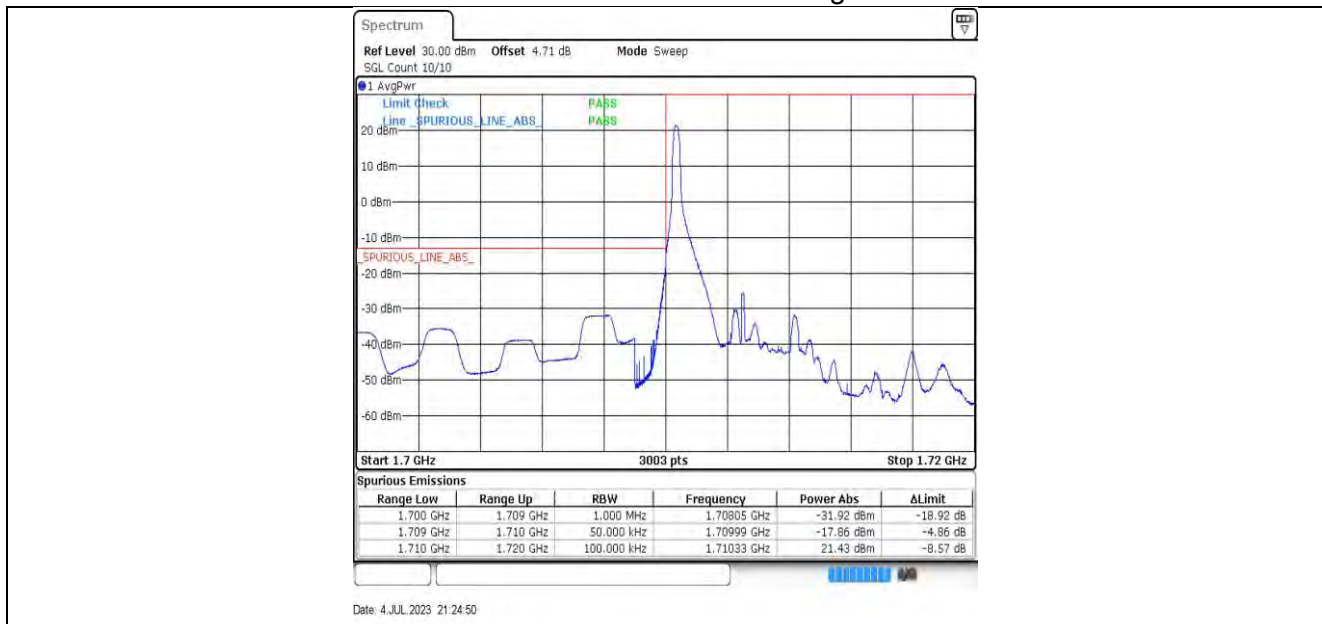


3MHz-132657



3MHz-132657





5MHz-131997



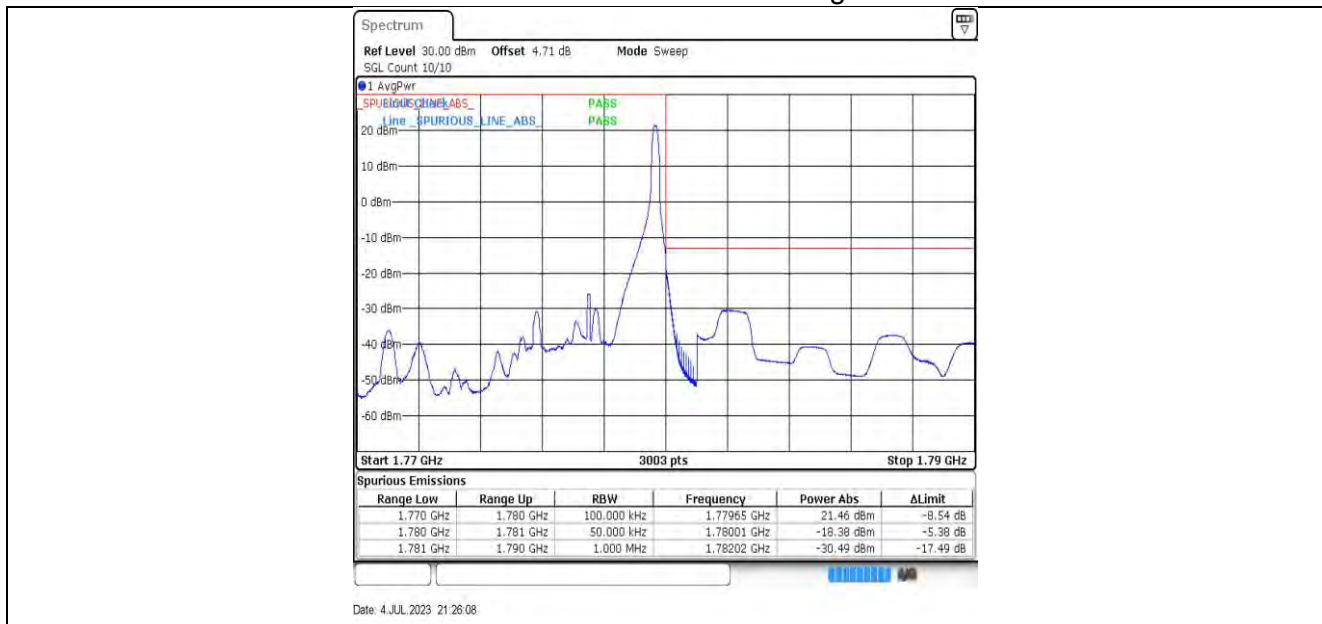
5MHz-131997



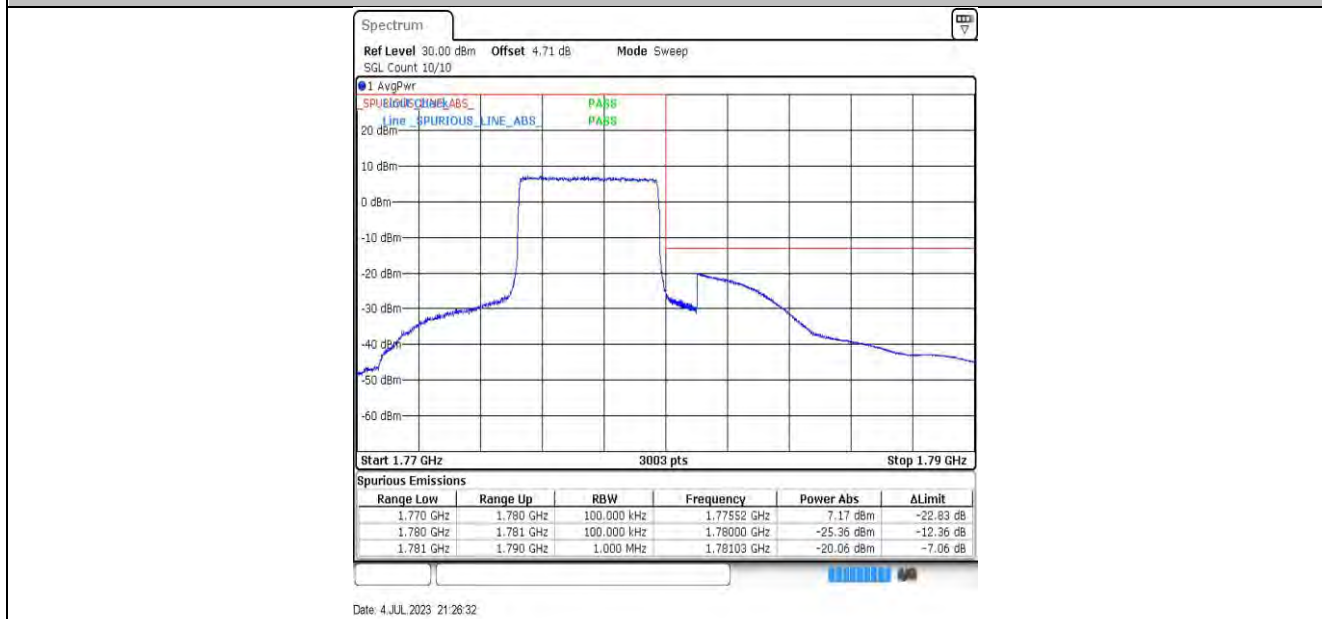
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5MHz-132647



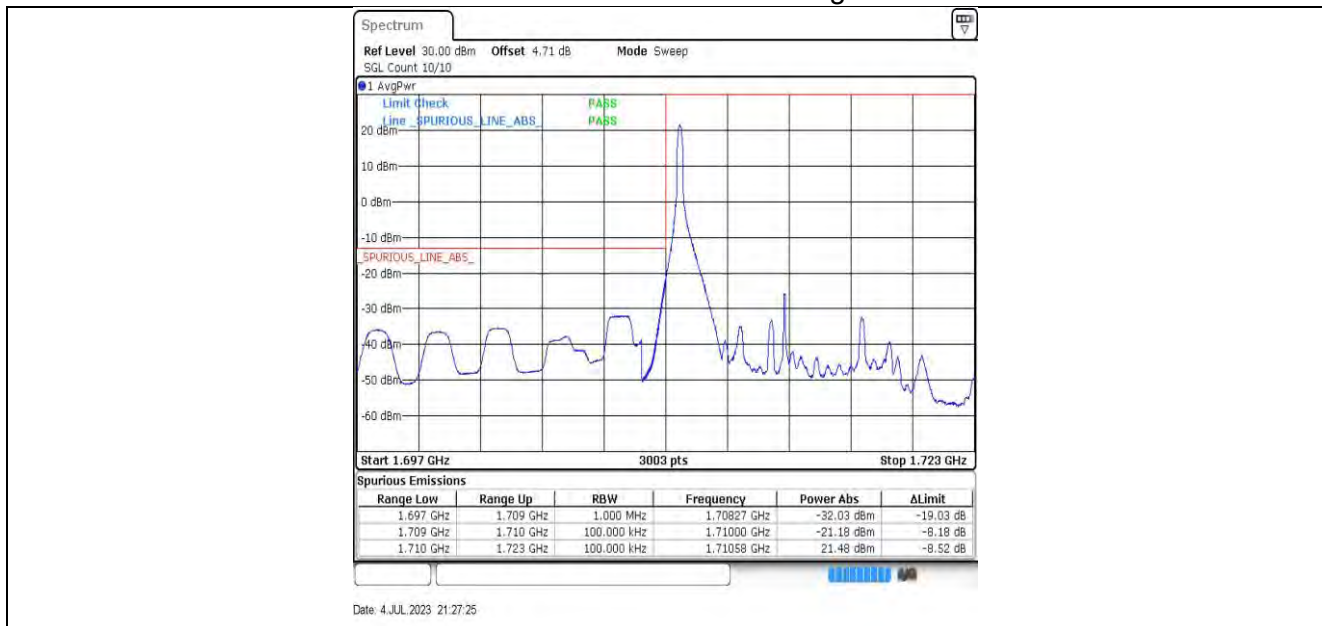
5MHz-132647



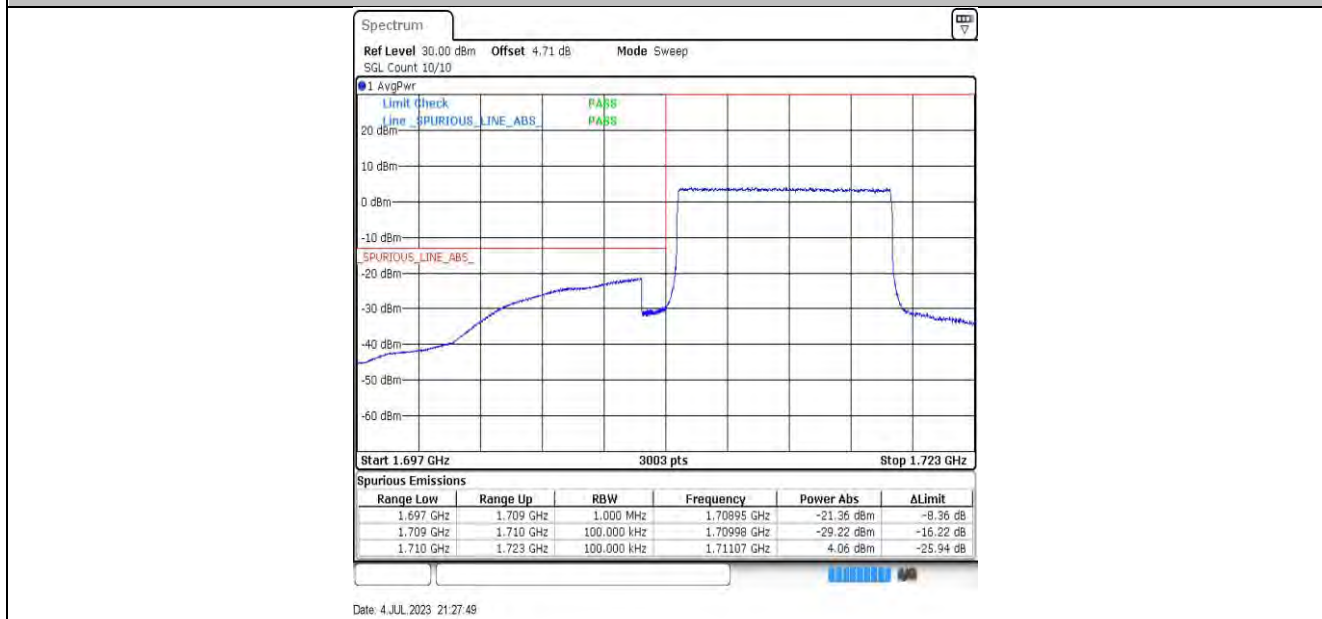
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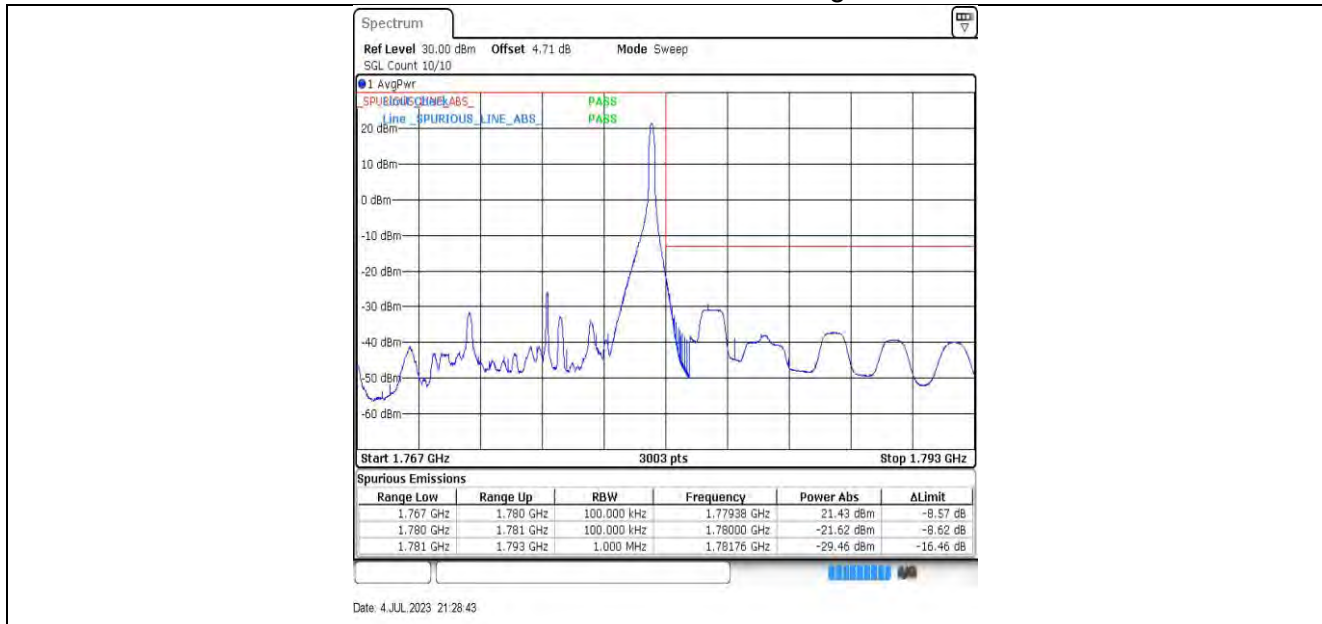


10MHz-132022

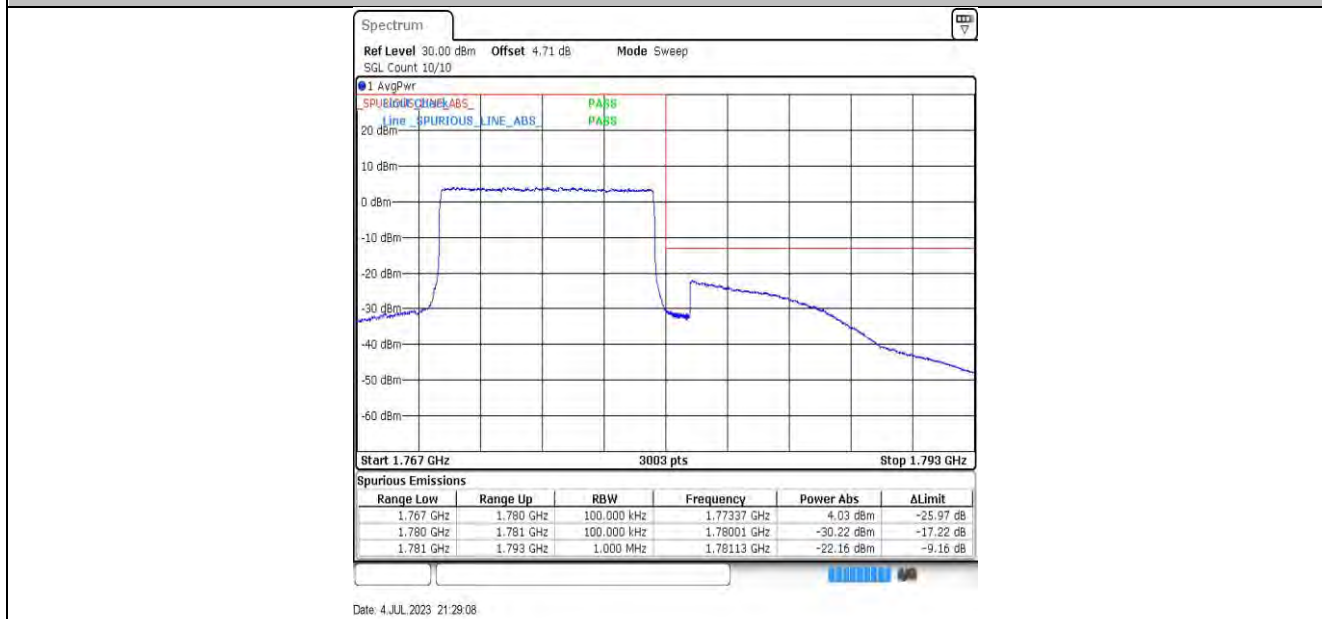


10MHz-132022





10MHz-132622



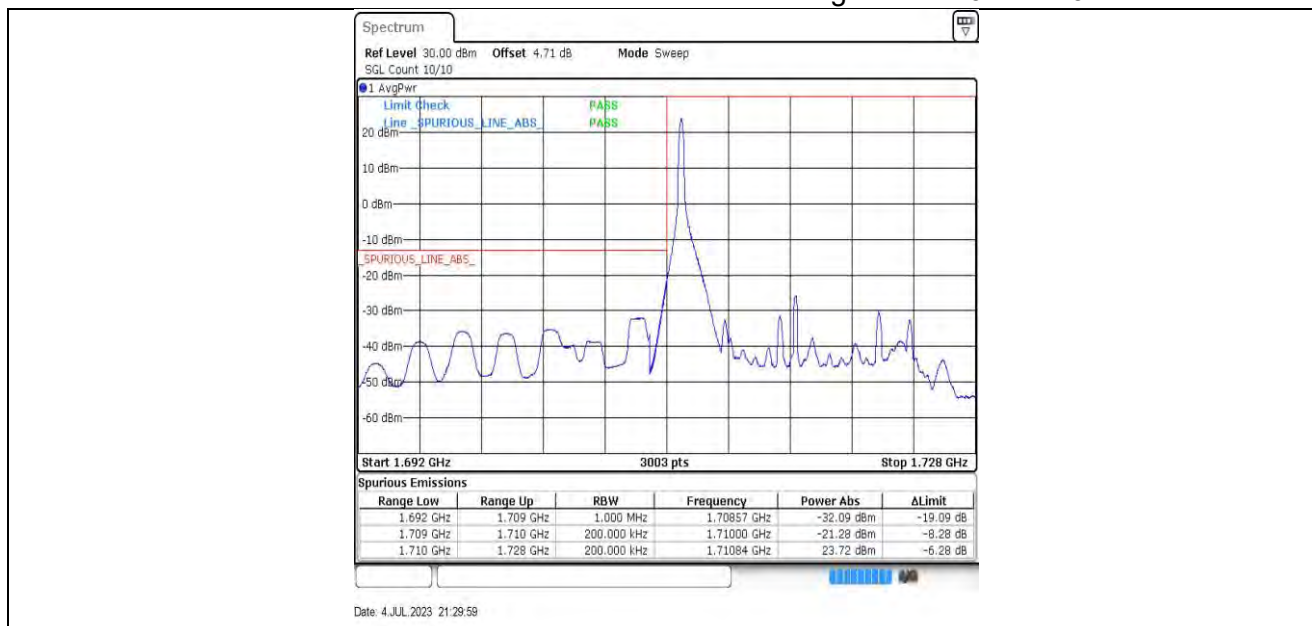
10MHz-132622



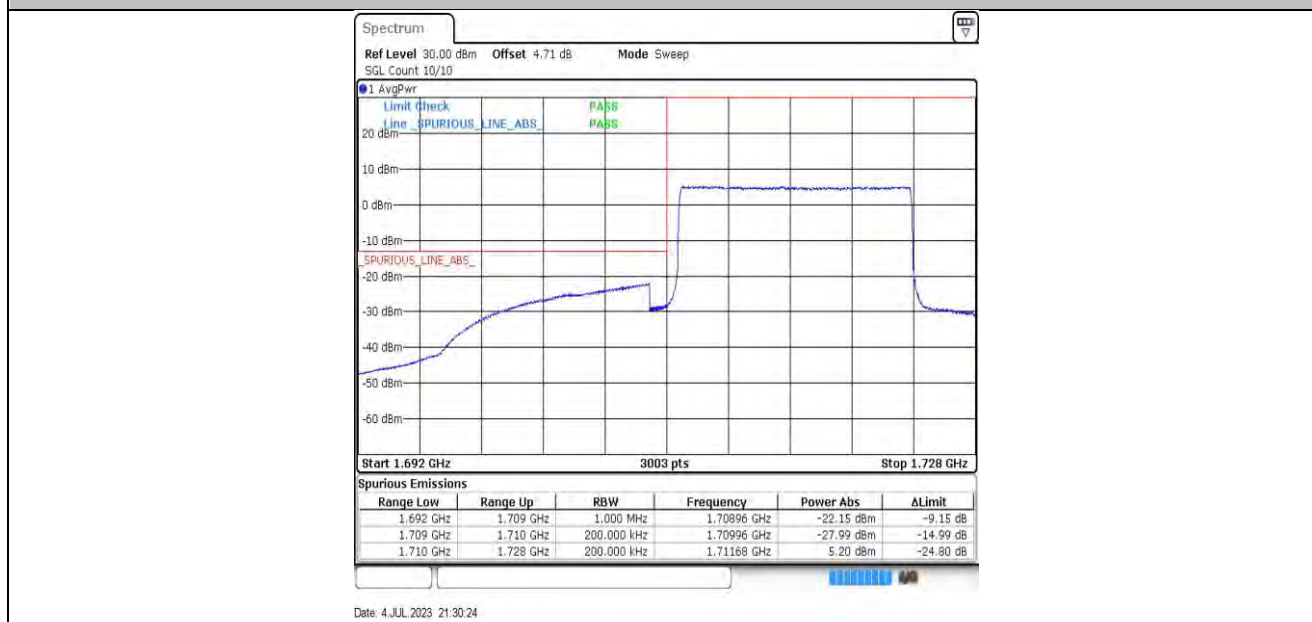
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15MHz-132047



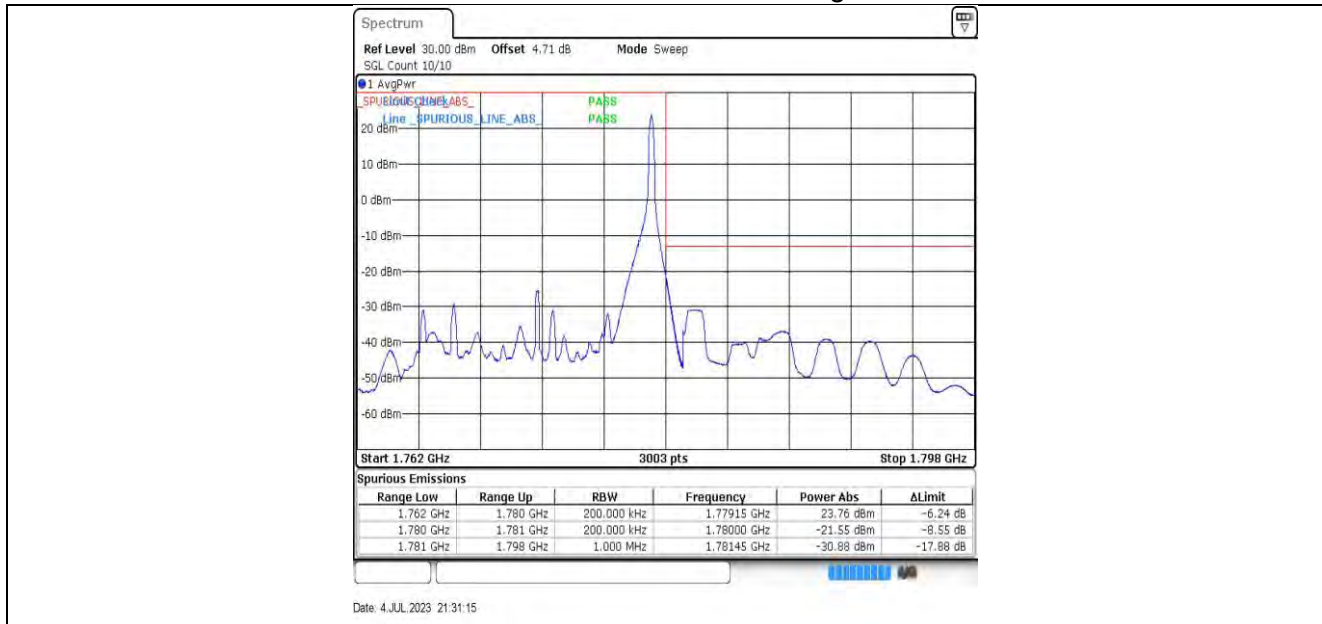
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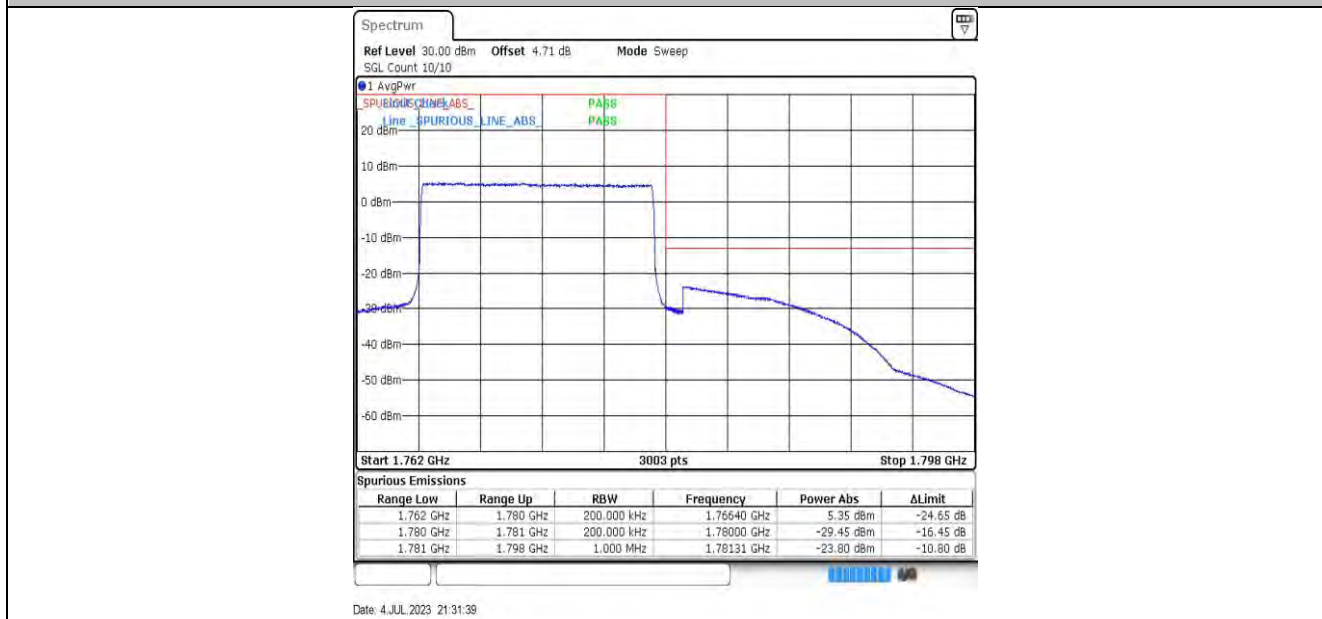
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15MHz-132597



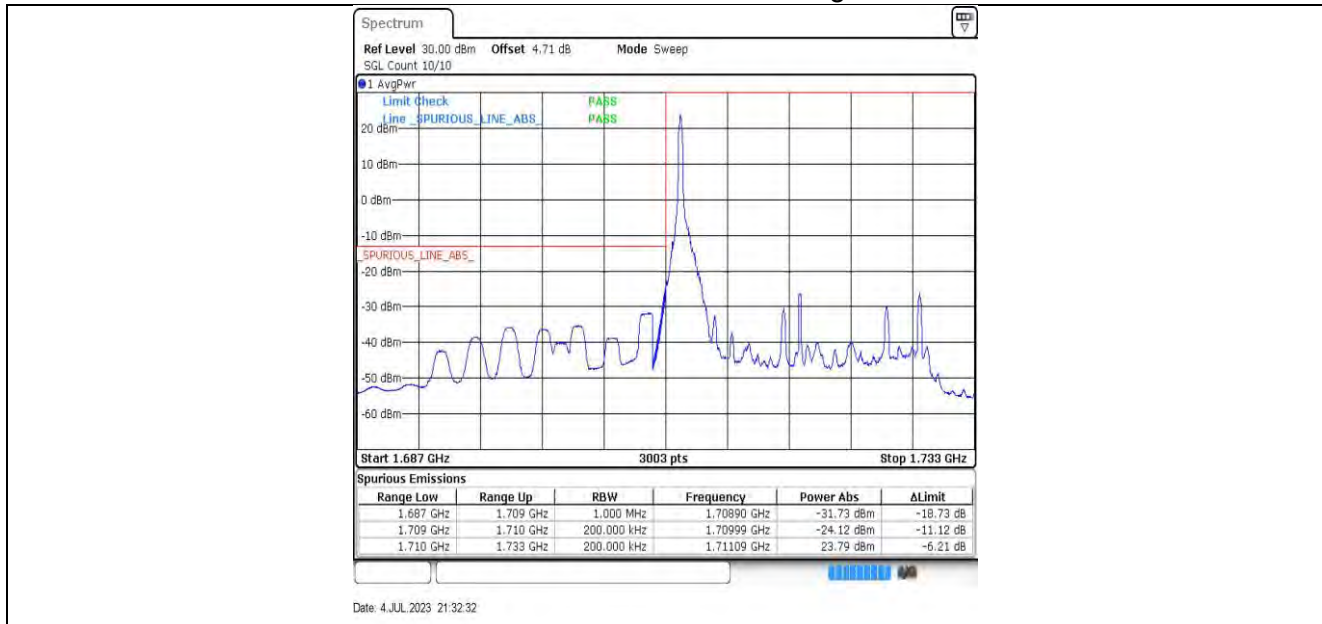
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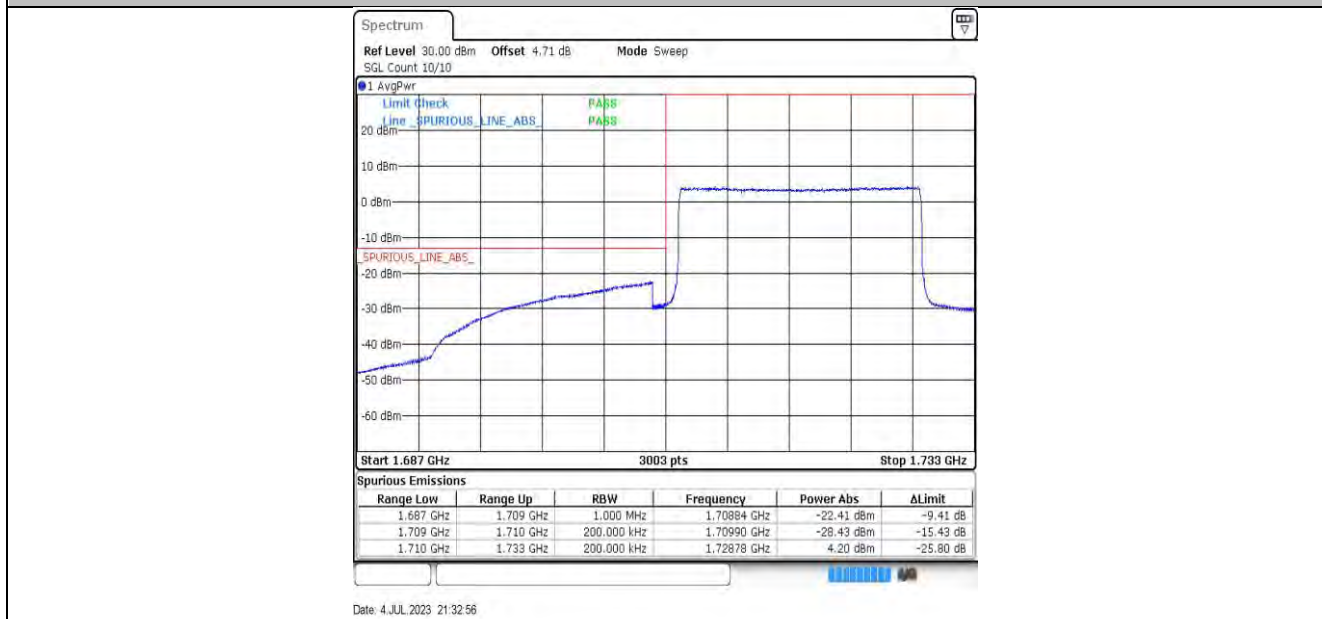
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20MHz-132072



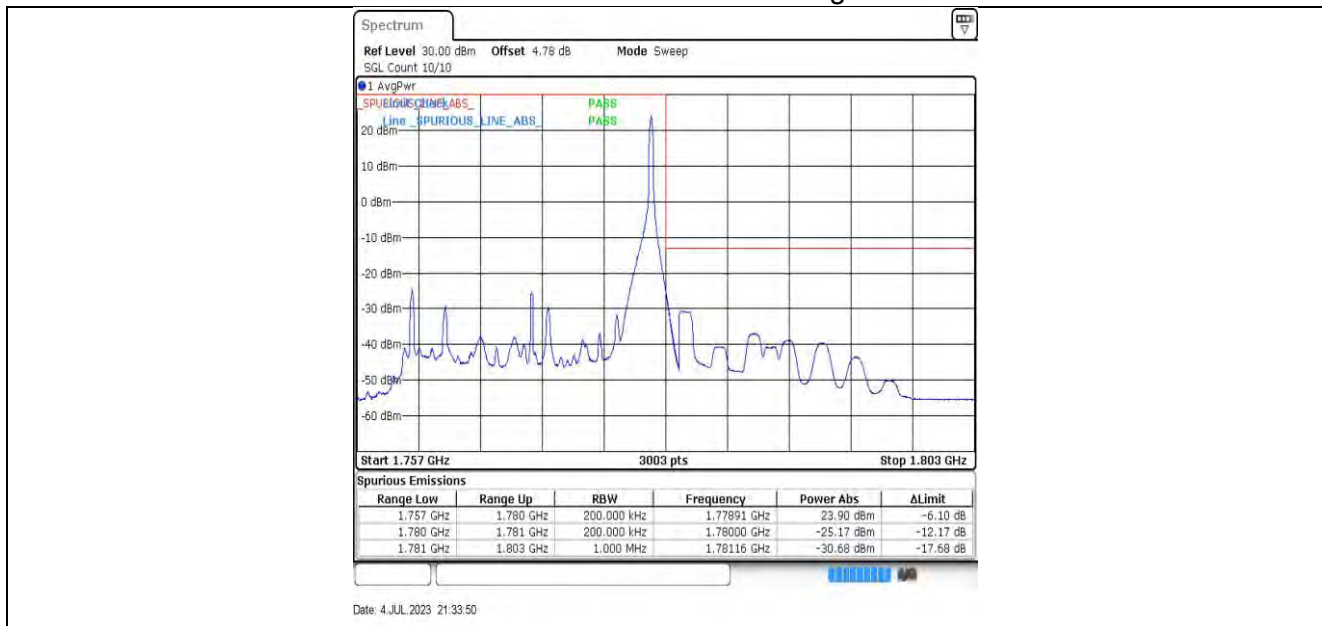
20MHz-132072



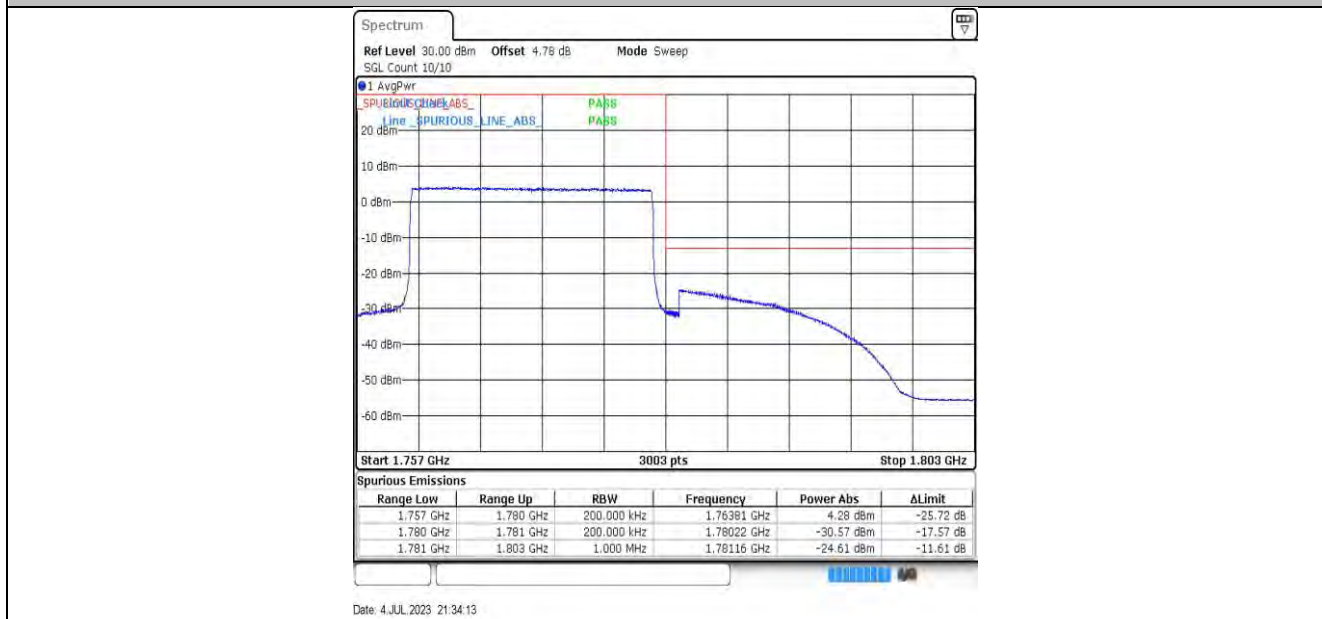
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20MHz-132572



20MHz-132572



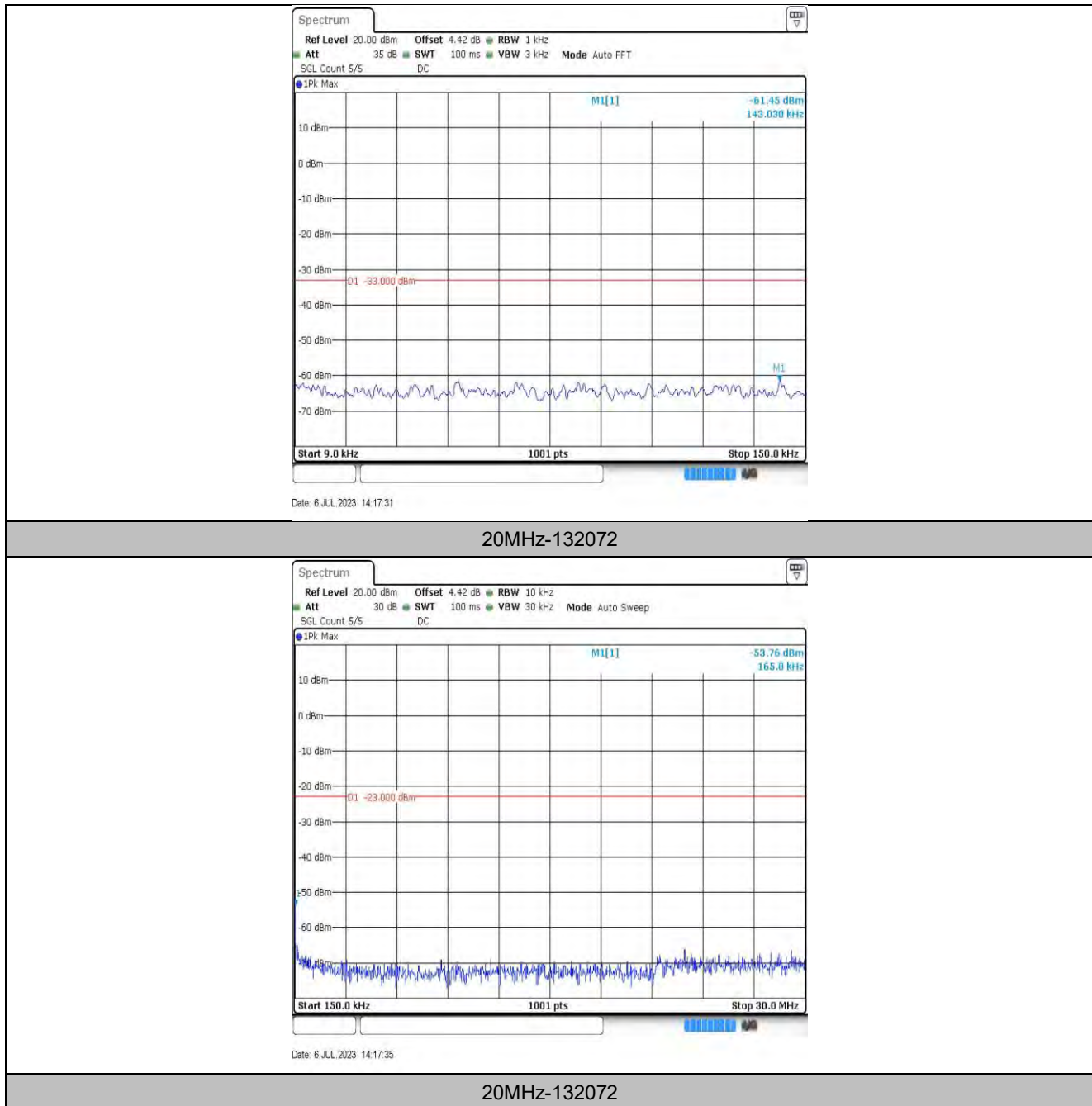
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Conducted Spurious Emission

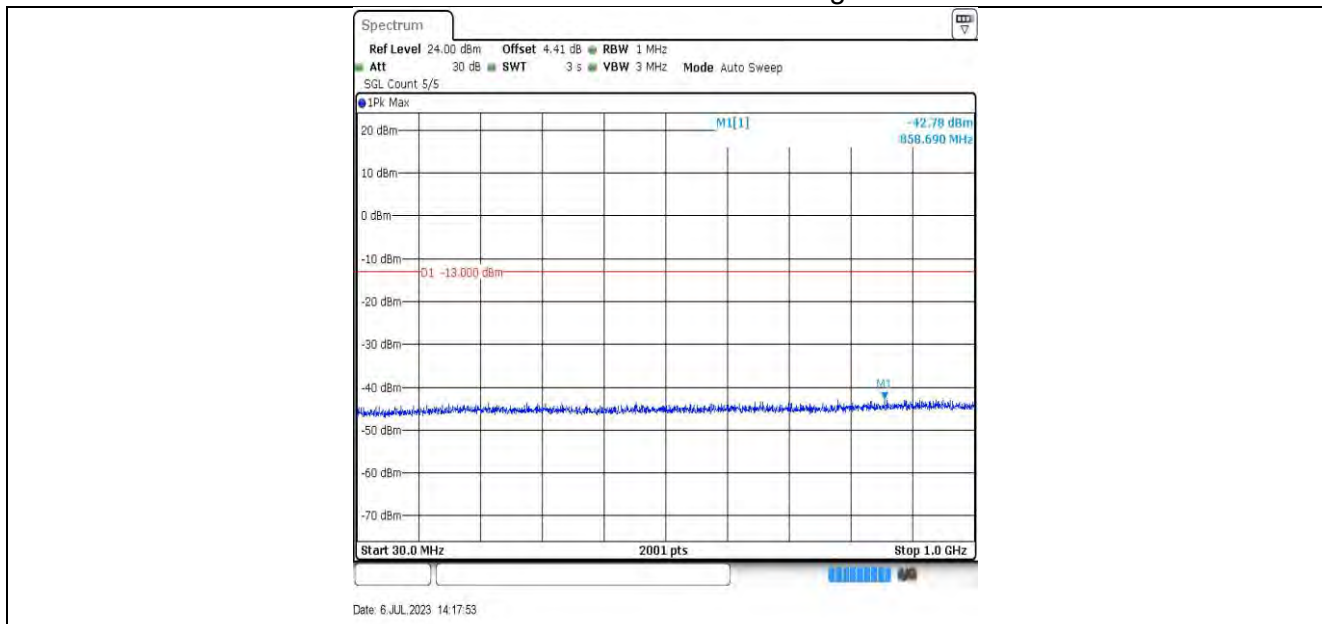
Test Graphs



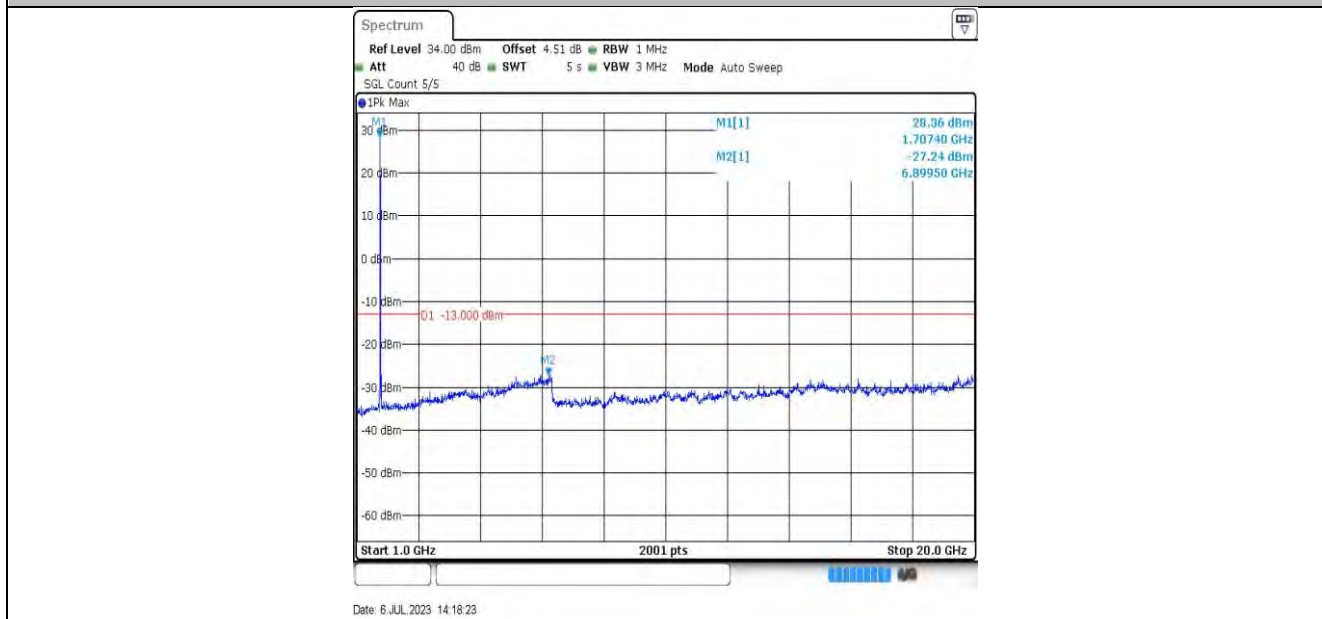
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20MHz-132072



20MHz-132072

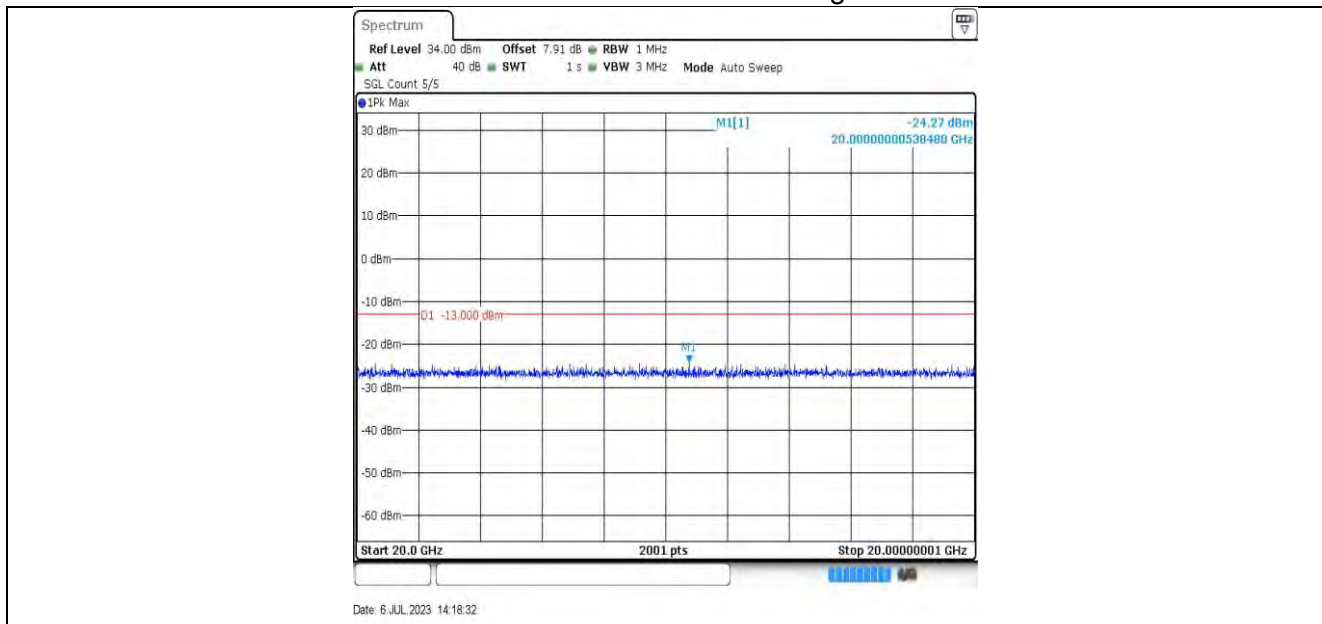


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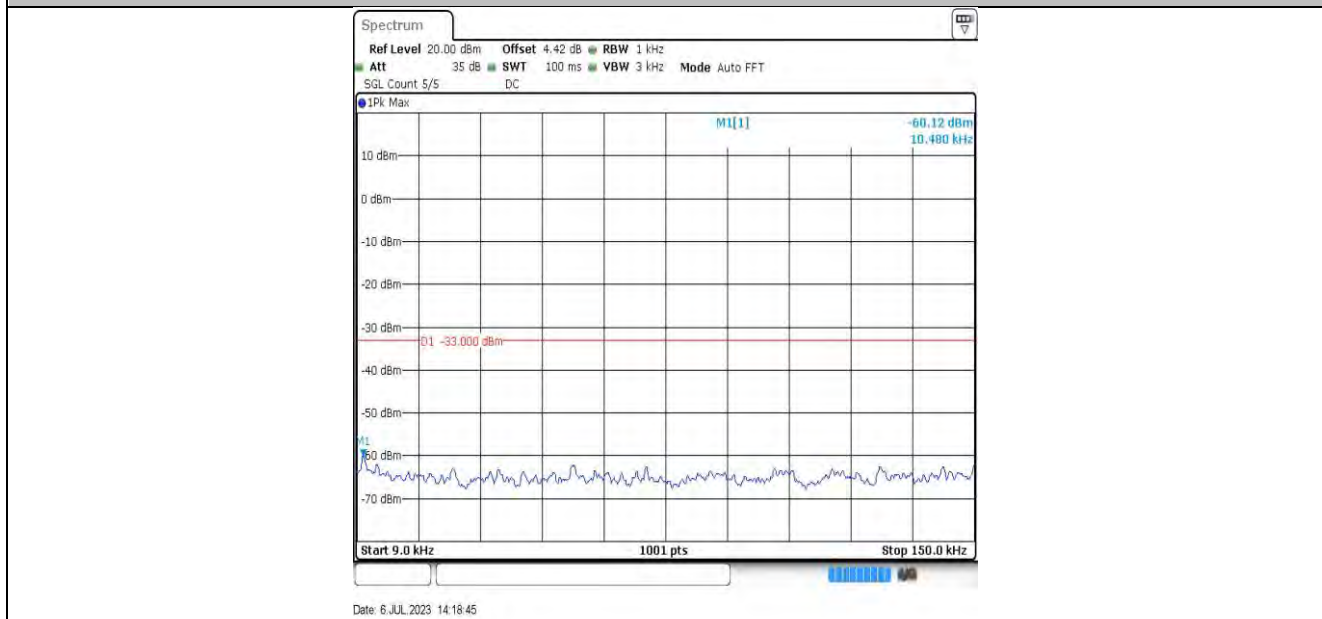
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20MHz-132072



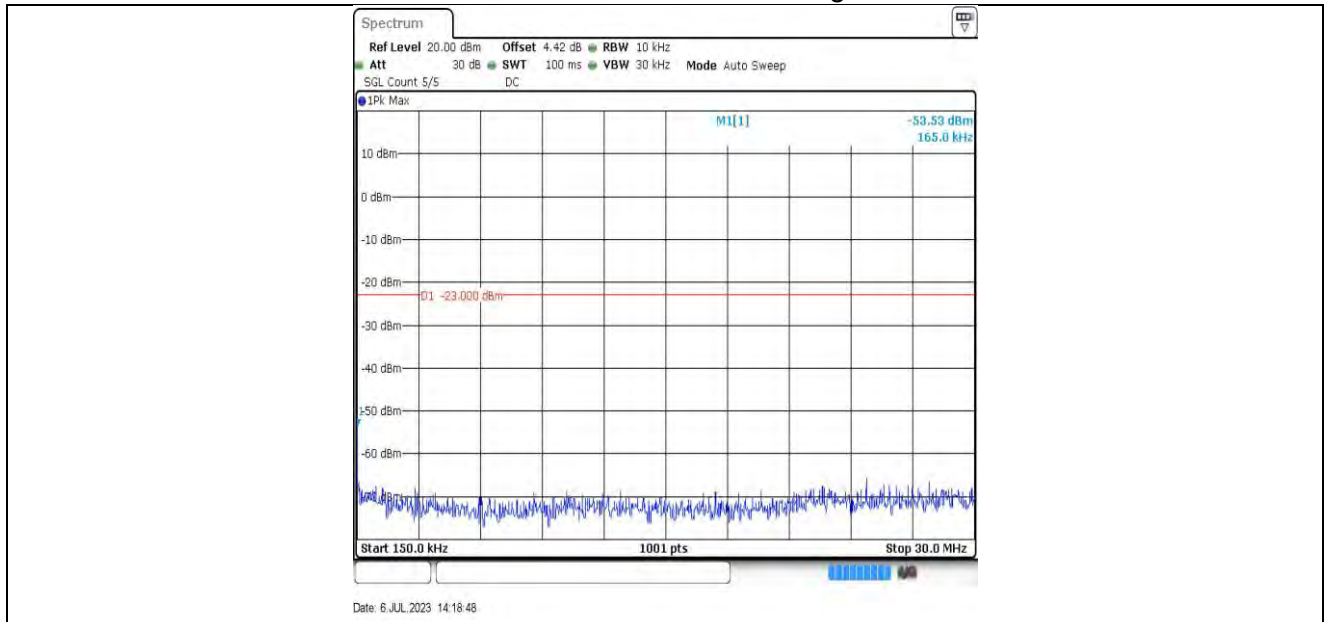
20MHz-132322



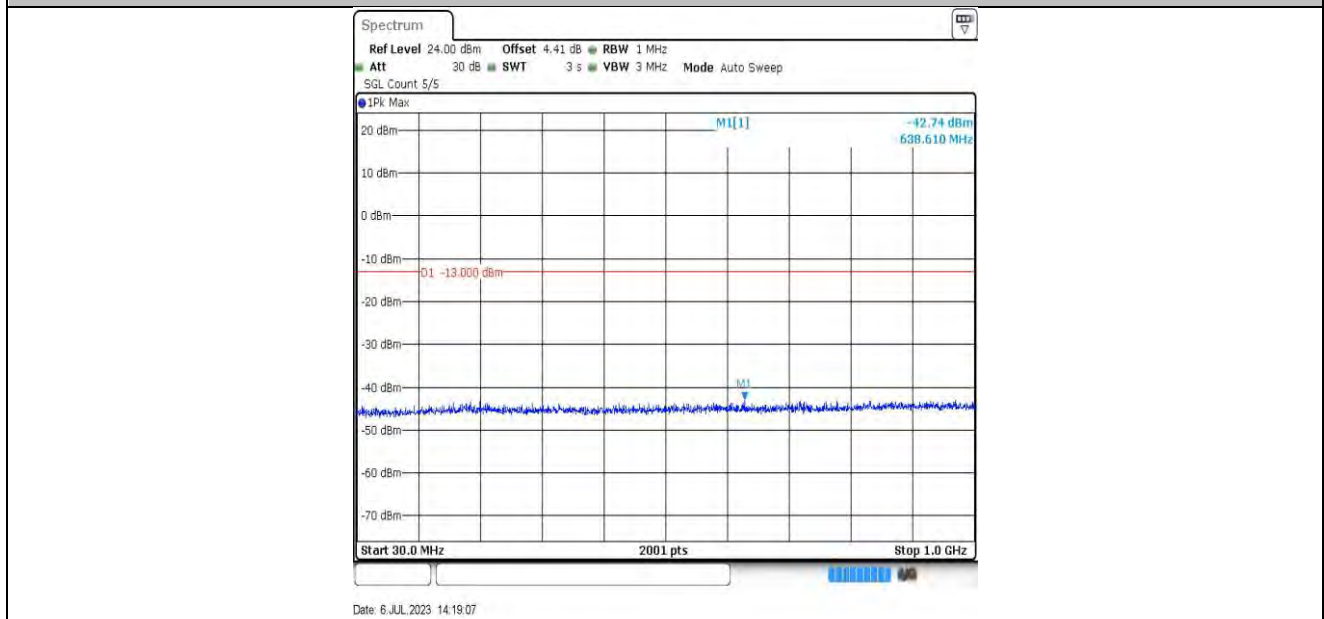
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20MHz-132322



20MHz-132322



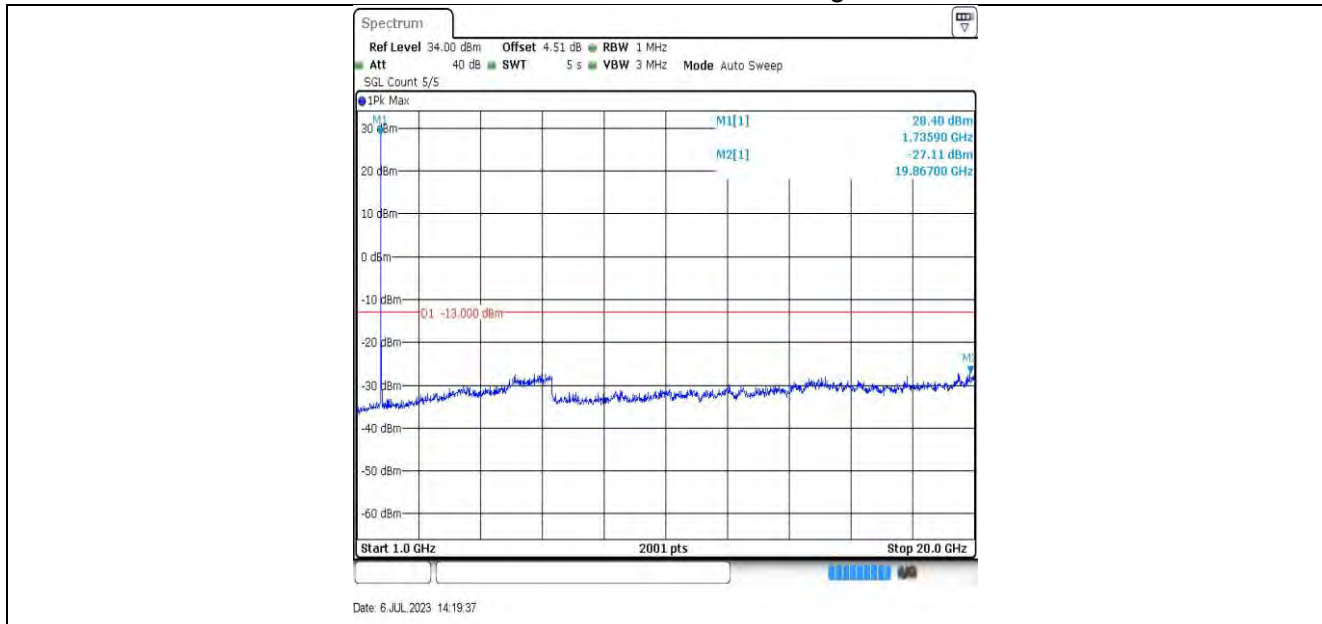
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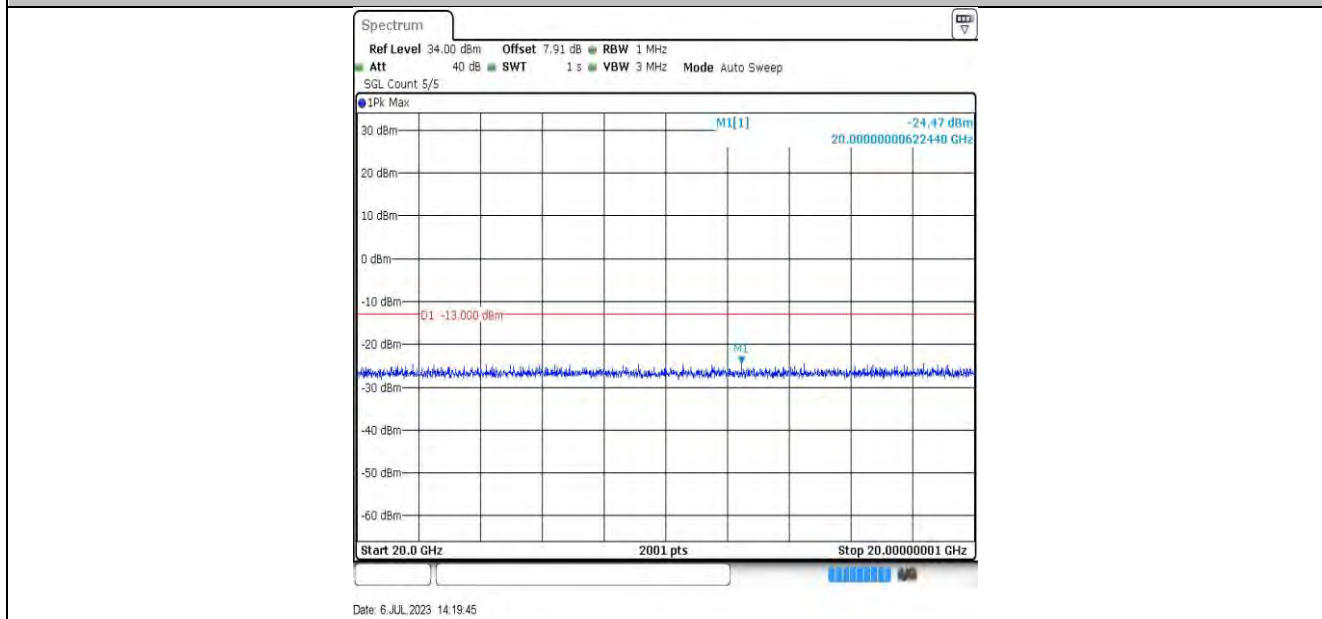
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20MHz-132322



20MHz-132322

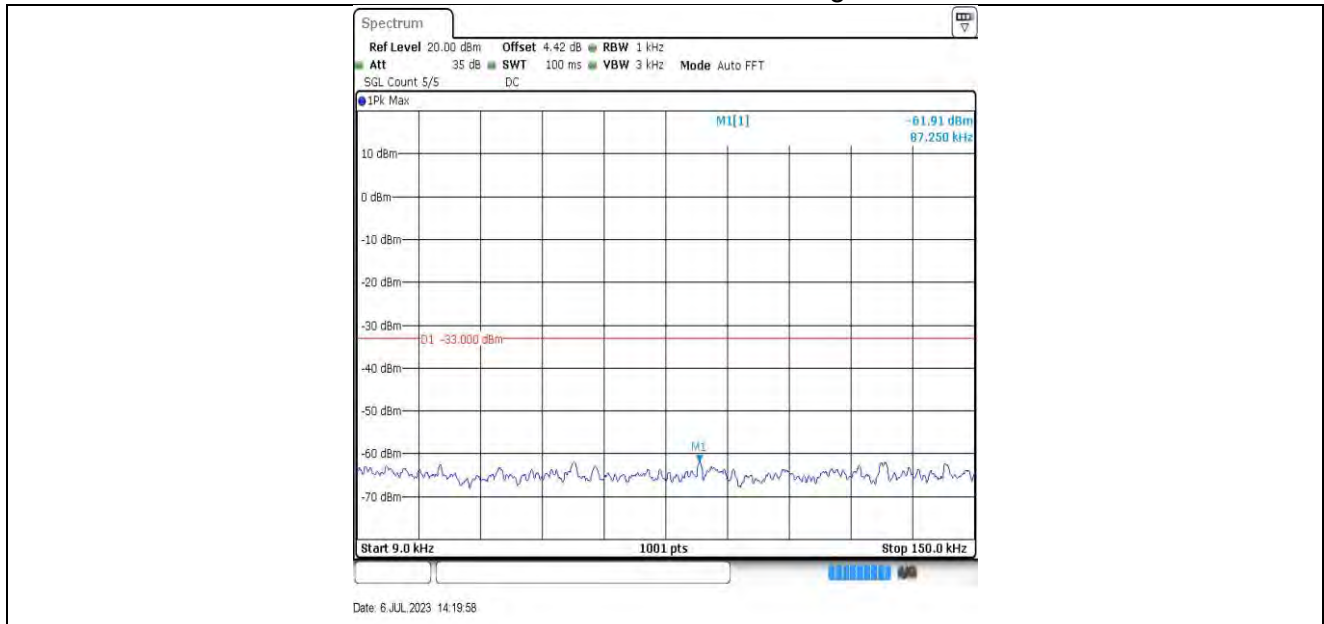


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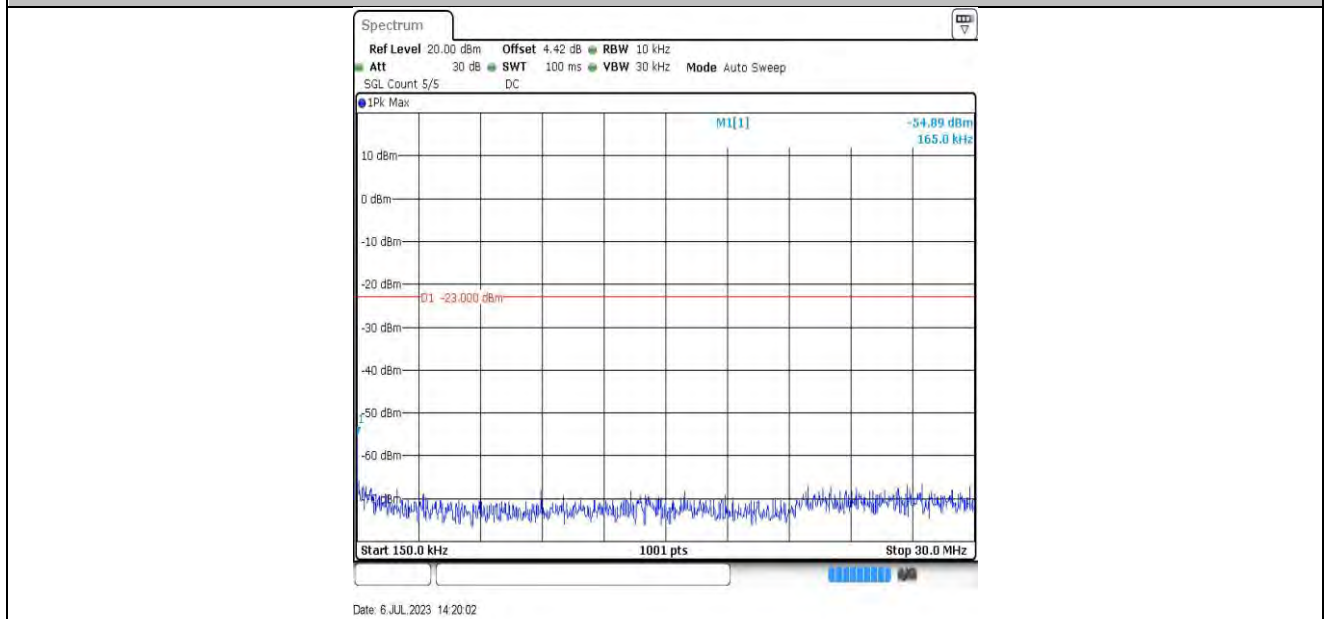
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20MHz-132572



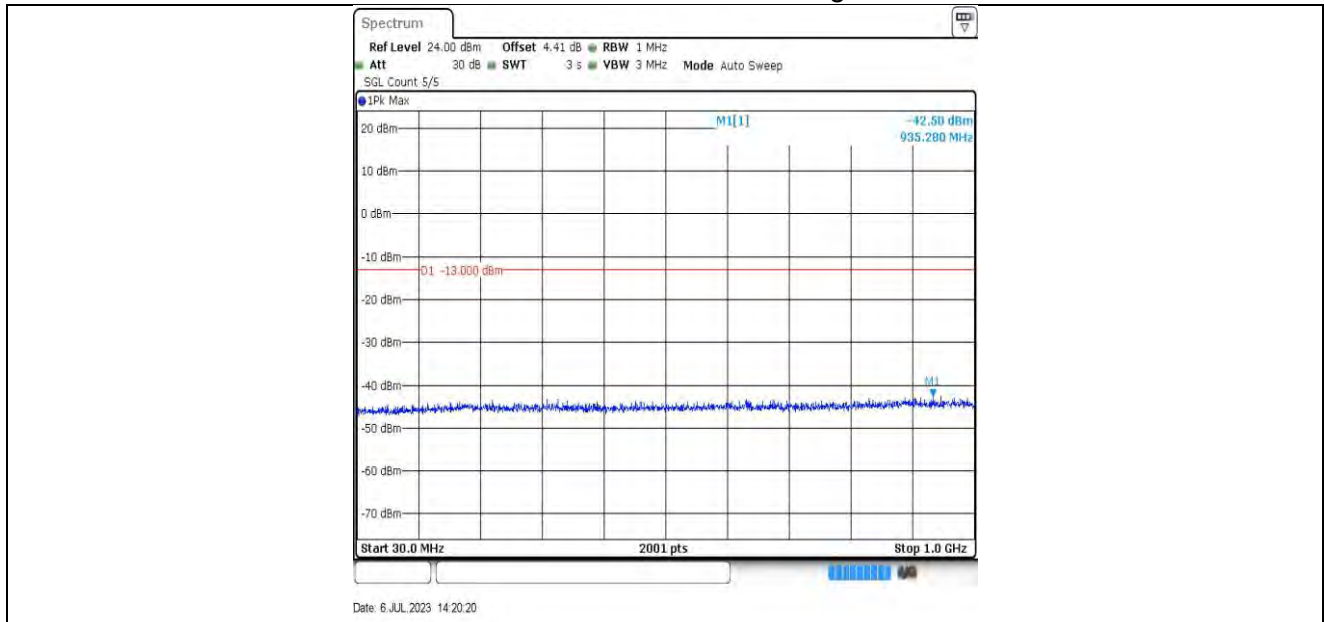
20MHz-132572



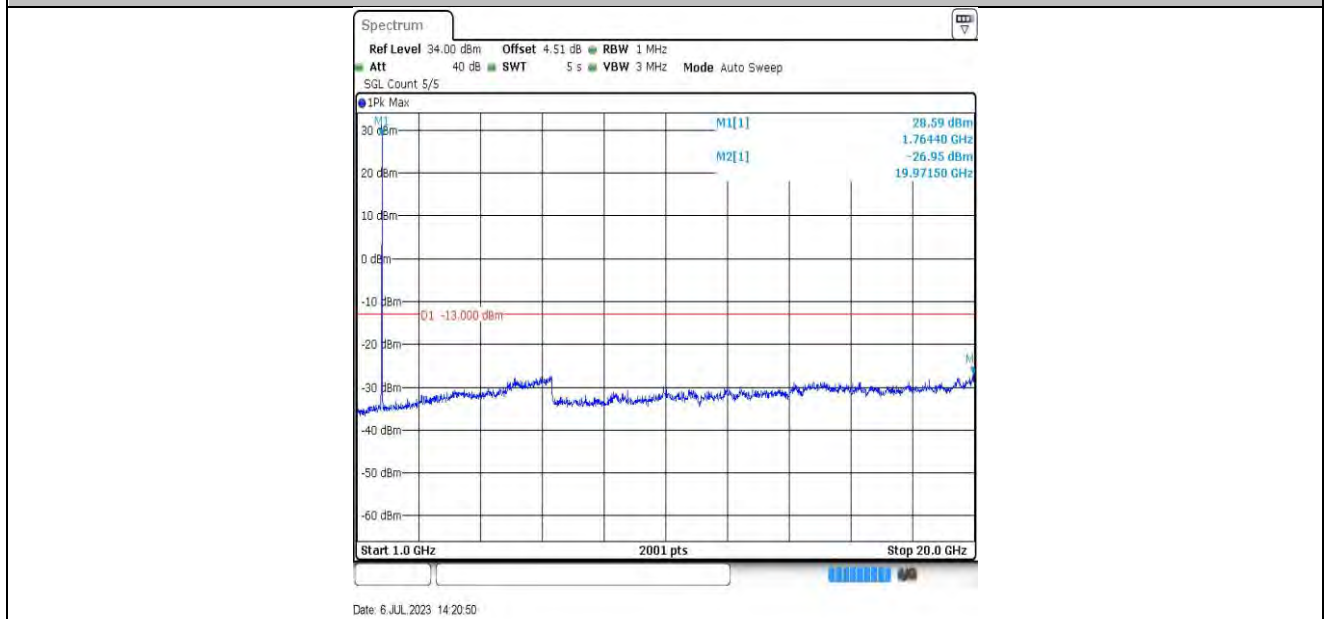
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20MHz-132572



20MHz-132572

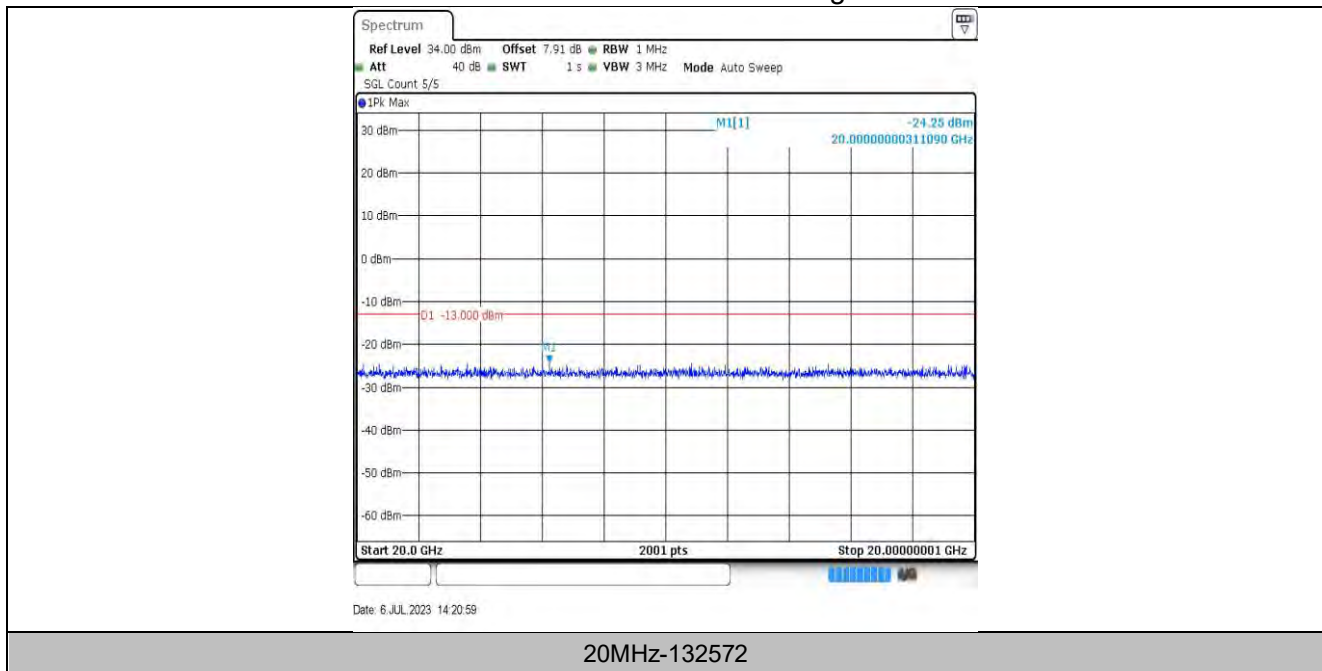


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Shenzhen Branch

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Field Strength of Spurious Radiation

Test Band = LTE Band66_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	40.41	-46.28	28.54	-72.59	-13.00	59.59	Horizontal
2	5106.2700	38.50	-45.36	31.66	-70.47	-13.00	57.47	Horizontal
3	6808.3600	38.52	-44.16	34.86	-66.05	-13.00	53.05	Horizontal
4	8510.4500	35.88	-41.59	36.54	-64.42	-13.00	51.42	Horizontal
5	10212.5400	30.04	-39.45	38.31	-66.36	-13.00	53.36	Horizontal
6	11914.6300	26.27	-37.18	38.79	-67.38	-13.00	54.38	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3404.1800	41.37	-46.28	28.54	-71.63	-13.00	58.63	Vertical
2	5106.2700	38.69	-45.36	31.66	-70.28	-13.00	57.28	Vertical
3	6808.3600	38.80	-44.16	34.86	-65.77	-13.00	52.77	Vertical
4	8510.4500	36.13	-41.59	36.54	-64.17	-13.00	51.17	Vertical
5	10212.5400	31.33	-39.45	38.31	-65.07	-13.00	52.07	Vertical
6	11914.6300	25.92	-37.18	38.79	-67.73	-13.00	54.73	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	40.74	-46.27	28.57	-72.22	-13.00	59.22	Horizontal
2	5181.2700	38.43	-45.30	31.84	-70.29	-13.00	57.29	Horizontal
3	6908.3600	37.79	-44.05	35.04	-66.48	-13.00	53.48	Horizontal
4	8635.4500	35.23	-41.46	36.48	-65.01	-13.00	52.01	Horizontal
5	10362.5400	30.63	-39.04	38.38	-65.29	-13.00	52.29	Horizontal
6	12089.6300	27.08	-37.37	38.83	-66.72	-13.00	53.72	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.1800	42.36	-46.27	28.57	-70.60	-13.00	57.60	Vertical
2	5181.2700	39.16	-45.30	31.84	-69.56	-13.00	56.56	Vertical
3	6908.3600	38.15	-44.05	35.04	-66.12	-13.00	53.12	Vertical
4	8635.4500	35.12	-41.46	36.48	-65.12	-13.00	52.12	Vertical
5	10362.5400	31.50	-39.04	38.38	-64.42	-13.00	51.42	Vertical
6	12089.6300	27.12	-37.37	38.83	-66.68	-13.00	53.68	Vertical



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Test Band = LTE Band66_ TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	41.54	-46.25	28.60	-71.37	-13.00	58.37	Horizontal
2	5256.2700	39.28	-45.17	32.02	-69.14	-13.00	56.14	Horizontal
3	7008.3600	37.76	-43.61	35.22	-65.88	-13.00	52.88	Horizontal
4	8760.4500	35.05	-41.42	36.42	-65.21	-13.00	52.21	Horizontal
5	10512.5400	29.83	-38.76	38.46	-65.73	-13.00	52.73	Horizontal
6	12262.6300	26.94	-37.44	38.88	-66.88	-13.00	53.88	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3504.1800	42.40	-46.25	28.60	-70.51	-13.00	57.51	Vertical
2	5256.2700	39.28	-45.17	32.02	-69.14	-13.00	56.14	Vertical
3	7008.3600	37.71	-43.61	35.22	-65.93	-13.00	52.93	Vertical
4	8760.4500	34.33	-41.42	36.42	-65.93	-13.00	52.93	Vertical
5	10512.5400	30.08	-38.76	38.46	-65.48	-13.00	52.48	Vertical
6	12262.6300	27.03	-37.44	38.88	-66.79	-13.00	53.79	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	VN	NT	-3.80	-0.002178	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-7.20	-0.004126	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	0.70	0.000401	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-9.20	-0.005272	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	6.00	0.003438	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-6.10	-0.003496	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	2.70	0.001547	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-5.30	-0.003037	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	9.70	0.005559	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-6.40	-0.003668	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-8.00	-0.004585	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	8.80	0.005043	PASS

---End of Attachment---



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