Appendix B

E-UTRA Band 2

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#2	22.66	20.56	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	22.55	20.45	33.00	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	22.68	20.58	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#3	22.05	19.95	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#0	22.14	20.04	33.00	PASS
Band2	1.4MHz	QPSK	18607	3RB#1	22.23	20.13	33.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	21.96	19.86	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#5	22.69	20.59	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#2	22.66	20.56	33.00	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	22.70	20.6	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#1	22.15	20.05	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#3	22.01	19.91	33.00	PASS
Band2	1.4MHz	QPSK	18900	3RB#0	22.30	20.2	33.00	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	21.87	19.77	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	22.54	20.44	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#2	22.51	20.41	33.00	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	22.72	20.62	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#1	22.07	19.97	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#3	22.04	19.94	33.00	PASS
Band2	1.4MHz	QPSK	19193	3RB#0	22.00	19.9	33.00	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	21.86	19.76	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#2	21.96	19.86	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	21.76	19.66	33.00	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	21.87	19.77	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#0	21.10	19	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#1	21.05	18.95	33.00	PASS
Band2	1.4MHz	64QAM	18607	3RB#3	21.16	19.06	33.00	PASS

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Band2	1.4MHz	64QAM	18607	6RB#0	21.12	19.02	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#5	21.75	19.65	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#2	21.92	19.82	33.00	PASS
Band2	1.4MHz	64QAM	18900	1RB#0	21.86	19.76	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#1	21.07	18.97	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#3	21.13	19.03	33.00	PASS
Band2	1.4MHz	64QAM	18900	3RB#0	21.14	19.04	33.00	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	21.03	18.93	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	21.85	19.75	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	21.85	19.75	33.00	PASS
Band2	1.4MHz	64QAM	19193	1RB#2	21.80	19.7	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#0	21.16	19.06	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#1	21.15	19.05	33.00	PASS
Band2	1.4MHz	64QAM	19193	3RB#3	21.00	18.9	33.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	20.98	18.88	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	20.92	18.82	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#2	20.69	18.59	33.00	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	20.72	18.62	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#0	21.00	18.9	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#1	21.01	18.91	33.00	PASS
Band2	1.4MHz	16QAM	18607	3RB#3	21.14	19.04	33.00	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	19.99	17.89	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#5	20.73	18.63	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	20.89	18.79	33.00	PASS
Band2	1.4MHz	16QAM	18900	1RB#2	20.83	18.73	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#0	21.13	19.03	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#1	21.10	19	33.00	PASS
Band2	1.4MHz	16QAM	18900	3RB#3	21.03	18.93	33.00	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	20.03	17.93	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	20.81	18.71	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	20.70	18.6	33.00	PASS
Band2	1.4MHz	16QAM	19193	1RB#2	20.80	18.7	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#0	21.04	18.94	33.00	PASS

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Band2	1.4MHz	16QAM	19193	3RB#1	21.03	18.93	33.00	PASS
Band2	1.4MHz	16QAM	19193	3RB#3	20.08	17.98	33.00	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	19.94	17.84	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#8	22.67	20.57	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#0	22.76	20.66	33.00	PASS
Band2	3MHz	QPSK	18615	1RB#14	22.75	20.65	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#7	22.10	20	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#0	22.12	20.02	33.00	PASS
Band2	3MHz	QPSK	18615	8RB#4	22.03	19.93	33.00	PASS
Band2	3MHz	QPSK	18615	15RB#0	21.89	19.79	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#8	22.81	20.71	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#14	22.78	20.68	33.00	PASS
Band2	3MHz	QPSK	18900	1RB#0	22.80	20.7	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#4	22.06	19.96	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#7	22.13	20.03	33.00	PASS
Band2	3MHz	QPSK	18900	8RB#0	22.10	20	33.00	PASS
Band2	3MHz	QPSK	18900	15RB#0	21.87	19.77	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#8	22.68	20.58	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#0	22.73	20.63	33.00	PASS
Band2	3MHz	QPSK	19185	1RB#14	22.72	20.62	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#7	22.01	19.91	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#4	21.89	19.79	33.00	PASS
Band2	3MHz	QPSK	19185	8RB#0	22.10	20	33.00	PASS
Band2	3MHz	QPSK	19185	15RB#0	21.85	19.75	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#0	20.68	18.58	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#8	20.61	18.51	33.00	PASS
Band2	3MHz	64QAM	18615	1RB#14	20.56	18.46	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#0	20.04	17.94	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#4	19.92	17.82	33.00	PASS
Band2	3MHz	64QAM	18615	8RB#7	20.02	17.92	33.00	PASS
Band2	3MHz	64QAM	18615	15RB#0	20.08	17.98	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#14	20.71	18.61	33.00	PASS
Band2	3MHz	64QAM	18900	1RB#0	20.75	18.65	33.00	PASS

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Band2	3MHz	64QAM	18900	1RB#8	20.85	18.75	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#0	19.93	17.83	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#7	19.91	17.81	33.00	PASS
Band2	3MHz	64QAM	18900	8RB#4	19.93	17.83	33.00	PASS
Band2	3MHz	64QAM	18900	15RB#0	19.94	17.84	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#0	20.71	18.61	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#8	20.81	18.71	33.00	PASS
Band2	3MHz	64QAM	19185	1RB#14	20.81	18.71	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#7	20.00	17.9	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#0	19.93	17.83	33.00	PASS
Band2	3MHz	64QAM	19185	8RB#4	20.13	18.03	33.00	PASS
Band2	3MHz	64QAM	19185	15RB#0	20.01	17.91	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#0	21.80	19.7	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#8	21.76	19.66	33.00	PASS
Band2	3MHz	16QAM	18615	1RB#14	21.68	19.58	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#7	21.13	19.03	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#0	20.93	18.83	33.00	PASS
Band2	3MHz	16QAM	18615	8RB#4	21.10	19	33.00	PASS
Band2	3MHz	16QAM	18615	15RB#0	21.14	19.04	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#14	21.78	19.68	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#8	21.86	19.76	33.00	PASS
Band2	3MHz	16QAM	18900	1RB#0	21.87	19.77	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#4	21.08	18.98	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#0	20.96	18.86	33.00	PASS
Band2	3MHz	16QAM	18900	8RB#7	21.04	18.94	33.00	PASS
Band2	3MHz	16QAM	18900	15RB#0	21.06	18.96	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#0	21.79	19.69	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#8	21.85	19.75	33.00	PASS
Band2	3MHz	16QAM	19185	1RB#14	21.85	19.75	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#0	21.12	19.02	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#4	21.05	18.95	33.00	PASS
Band2	3MHz	16QAM	19185	8RB#7	21.16	19.06	33.00	PASS
Band2	3MHz	16QAM	19185	15RB#0	21.07	18.97	33.00	PASS

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Band2	5MHz	QPSK	18625	1RB#12	22.76	20.66	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#0	22.75	20.65	33.00	PASS
Band2	5MHz	QPSK	18625	1RB#24	22.73	20.63	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#13	21.94	19.84	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#6	21.93	19.83	33.00	PASS
Band2	5MHz	QPSK	18625	12RB#0	21.85	19.75	33.00	PASS
Band2	5MHz	QPSK	18625	25RB#0	21.89	19.79	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#0	22.84	20.74	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#24	22.84	20.74	33.00	PASS
Band2	5MHz	QPSK	18900	1RB#12	22.84	20.74	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#0	21.86	19.76	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#13	21.76	19.66	33.00	PASS
Band2	5MHz	QPSK	18900	12RB#6	21.76	19.66	33.00	PASS
Band2	5MHz	QPSK	18900	25RB#0	21.82	19.72	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#24	22.86	20.76	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#0	22.83	20.73	33.00	PASS
Band2	5MHz	QPSK	19175	1RB#12	22.80	20.7	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#0	21.87	19.77	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#6	21.83	19.73	33.00	PASS
Band2	5MHz	QPSK	19175	12RB#13	21.77	19.67	33.00	PASS
Band2	5MHz	QPSK	19175	25RB#0	21.86	19.76	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#24	21.02	18.92	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#0	20.71	18.61	33.00	PASS
Band2	5MHz	64QAM	18625	1RB#12	20.70	18.6	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#0	19.89	17.79	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#13	19.78	17.68	33.00	PASS
Band2	5MHz	64QAM	18625	12RB#6	19.85	17.75	33.00	PASS
Band2	5MHz	64QAM	18625	25RB#0	19.69	17.59	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#12	20.62	18.52	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#0	20.84	18.74	33.00	PASS
Band2	5MHz	64QAM	18900	1RB#24	20.75	18.65	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#0	19.74	17.64	33.00	PASS
Band2	5MHz	64QAM	18900	12RB#6	19.92	17.82	33.00	PASS

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Band2	5MHz	64QAM	18900	12RB#13	19.61	17.51	33.00	PASS
Band2	5MHz	64QAM	18900	25RB#0	19.65	17.55	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#12	20.91	18.81	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#0	20.73	18.63	33.00	PASS
Band2	5MHz	64QAM	19175	1RB#24	20.71	18.61	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#13	19.82	17.72	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#6	19.76	17.66	33.00	PASS
Band2	5MHz	64QAM	19175	12RB#0	19.62	17.52	33.00	PASS
Band2	5MHz	64QAM	19175	25RB#0	19.78	17.68	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#24	22.12	20.02	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#12	21.75	19.65	33.00	PASS
Band2	5MHz	16QAM	18625	1RB#0	21.83	19.73	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#0	20.93	18.83	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#6	20.88	18.78	33.00	PASS
Band2	5MHz	16QAM	18625	12RB#13	20.86	18.76	33.00	PASS
Band2	5MHz	16QAM	18625	25RB#0	20.81	18.71	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#24	21.72	19.62	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#12	21.84	19.74	33.00	PASS
Band2	5MHz	16QAM	18900	1RB#0	21.76	19.66	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#6	20.87	18.77	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#0	20.93	18.83	33.00	PASS
Band2	5MHz	16QAM	18900	12RB#13	20.73	18.63	33.00	PASS
Band2	5MHz	16QAM	18900	25RB#0	20.78	18.68	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#24	21.93	19.83	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#0	21.76	19.66	33.00	PASS
Band2	5MHz	16QAM	19175	1RB#12	21.77	19.67	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#0	20.85	18.75	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#6	20.76	18.66	33.00	PASS
Band2	5MHz	16QAM	19175	12RB#13	20.74	18.64	33.00	PASS
Band2	5MHz	16QAM	19175	25RB#0	20.83	18.73	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	22.81	20.71	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#24	22.85	20.75	33.00	PASS
Band2	10MHz	QPSK	18650	1RB#49	22.68	20.58	33.00	PASS

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Band2	10MHz	QPSK	18650	25RB#0	21.95	19.85	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#12	21.94	19.84	33.00	PASS
Band2	10MHz	QPSK	18650	25RB#25	21.96	19.86	33.00	PASS
Band2	10MHz	QPSK	18650	50RB#0	21.77	19.67	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#0	22.84	20.74	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#24	22.84	20.74	33.00	PASS
Band2	10MHz	QPSK	18900	1RB#49	22.76	20.66	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#12	21.97	19.87	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#25	21.90	19.8	33.00	PASS
Band2	10MHz	QPSK	18900	25RB#0	21.93	19.83	33.00	PASS
Band2	10MHz	QPSK	18900	50RB#0	21.86	19.76	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#0	22.72	20.62	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#24	22.83	20.73	33.00	PASS
Band2	10MHz	QPSK	19150	1RB#49	22.71	20.61	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#0	21.91	19.81	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#12	21.94	19.84	33.00	PASS
Band2	10MHz	QPSK	19150	25RB#25	21.95	19.85	33.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	21.84	19.74	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#0	21.06	18.96	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#49	20.85	18.75	33.00	PASS
Band2	10MHz	64QAM	18650	1RB#24	20.97	18.87	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#12	20.00	17.9	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#0	19.68	17.58	33.00	PASS
Band2	10MHz	64QAM	18650	25RB#25	19.74	17.64	33.00	PASS
Band2	10MHz	64QAM	18650	50RB#0	19.67	17.57	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#0	21.00	18.9	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#49	20.75	18.65	33.00	PASS
Band2	10MHz	64QAM	18900	1RB#24	20.82	18.72	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#0	19.69	17.59	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#12	19.70	17.6	33.00	PASS
Band2	10MHz	64QAM	18900	25RB#25	19.69	17.59	33.00	PASS
Band2	10MHz	64QAM	18900	50RB#0	19.72	17.62	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#49	20.96	18.86	33.00	PASS

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Band2	10MHz	64QAM	19150	1RB#24	20.70	18.6	33.00	PASS
Band2	10MHz	64QAM	19150	1RB#0	20.95	18.85	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#25	19.74	17.64	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#0	19.79	17.69	33.00	PASS
Band2	10MHz	64QAM	19150	25RB#12	19.73	17.63	33.00	PASS
Band2	10MHz	64QAM	19150	50RB#0	19.98	17.88	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#49	22.19	20.09	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#0	21.94	19.84	33.00	PASS
Band2	10MHz	16QAM	18650	1RB#24	22.02	19.92	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#25	21.00	18.9	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#0	20.83	18.73	33.00	PASS
Band2	10MHz	16QAM	18650	25RB#12	20.84	18.74	33.00	PASS
Band2	10MHz	16QAM	18650	50RB#0	20.76	18.66	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#0	22.13	20.03	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#24	21.82	19.72	33.00	PASS
Band2	10MHz	16QAM	18900	1RB#49	21.82	19.72	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#0	20.82	18.72	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#12	20.80	18.7	33.00	PASS
Band2	10MHz	16QAM	18900	25RB#25	20.84	18.74	33.00	PASS
Band2	10MHz	16QAM	18900	50RB#0	20.83	18.73	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#24	22.06	19.96	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#49	21.76	19.66	33.00	PASS
Band2	10MHz	16QAM	19150	1RB#0	21.95	19.85	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#0	20.86	18.76	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#12	20.84	18.74	33.00	PASS
Band2	10MHz	16QAM	19150	25RB#25	20.83	18.73	33.00	PASS
Band2	10MHz	16QAM	19150	50RB#0	21.10	19	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#0	22.85	20.75	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#38	22.78	20.68	33.00	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.75	20.65	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#39	21.84	19.74	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#18	21.86	19.76	33.00	PASS
Band2	15MHz	QPSK	18675	36RB#0	21.88	19.78	33.00	PASS

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Band2	15MHz	QPSK	18900	1RB#74	22.82	20.72	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.74	20.64	33.00	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.86	20.76	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#0	21.80	19.7	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.84	19.74	33.00	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.94	19.84	33.00	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.85	19.75	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#38	22.76	20.66	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#0	22.72	20.62	33.00	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.84	20.74	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.74	19.64	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.76	19.66	33.00	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.86	19.76	33.00	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.83	19.73	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#74	20.86	18.76	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.02	18.92	33.00	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.05	18.95	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.00	17.9	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#18	19.76	17.66	33.00	PASS
Band2	15MHz	64QAM	18675	36RB#39	19.94	17.84	33.00	PASS
Band2	15MHz	64QAM	18675	75RB#0	19.82	17.72	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#0	20.64	18.54	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.02	18.92	33.00	PASS
Band2	15MHz	64QAM	18900	1RB#74	20.78	18.68	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#0	19.93	17.83	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#18	19.78	17.68	33.00	PASS
Band2	15MHz	64QAM	18900	36RB#39	19.62	17.52	33.00	PASS
Band2	15MHz	64QAM	18900	75RB#0	19.84	17.74	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.09	18.99	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#74	20.83	18.73	33.00	PASS
Band2	15MHz	64QAM	19125	1RB#0	20.88	18.78	33.00	PASS
Band2	15MHz	64QAM	19125	36RB#0	19.93	17.83	33.00	PASS

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Band2	15MHz	64QAM	19125	36RB#39	19.79	17.69	33.00	PASS
Band2	15MHz	64QAM	19125	75RB#0	19.79	17.69	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.98	19.88	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#38	22.06	19.96	33.00	PASS
Band2	15MHz	16QAM	18675	1RB#74	22.07	19.97	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#0	21.07	18.97	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#18	20.82	18.72	33.00	PASS
Band2	15MHz	16QAM	18675	36RB#39	21.06	18.96	33.00	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.83	18.73	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.76	19.66	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#74	22.14	20.04	33.00	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.88	19.78	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#0	21.05	18.95	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.87	18.77	33.00	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.76	18.66	33.00	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.95	18.85	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#0	22.11	20.01	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.97	19.87	33.00	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.98	19.88	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#39	21.00	18.9	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.96	18.86	33.00	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.84	18.74	33.00	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.79	18.69	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.82	20.72	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.83	20.73	33.00	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.84	20.74	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.84	19.74	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.73	19.63	33.00	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.80	19.7	33.00	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.72	19.62	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.81	20.71	33.00	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.81	20.71	33.00	PASS

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Band2	20MHz	QPSK	18900	1RB#0	22.85	20.75	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.98	19.88	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.83	19.73	33.00	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.86	19.76	33.00	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.83	19.73	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.86	20.76	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#0	22.91	20.81	33.00	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.90	20.8	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.74	19.64	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.74	19.64	33.00	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.85	19.75	33.00	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.76	19.66	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.01	18.91	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.02	18.92	33.00	PASS
Band2	20MHz	64QAM	18700	1RB#99	20.74	18.64	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#0	19.73	17.63	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#25	19.63	17.53	33.00	PASS
Band2	20MHz	64QAM	18700	50RB#50	19.72	17.62	33.00	PASS
Band2	20MHz	64QAM	18700	100RB#0	19.67	17.57	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#99	20.81	18.71	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#0	20.69	18.59	33.00	PASS
Band2	20MHz	64QAM	18900	1RB#49	20.81	18.71	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#25	19.81	17.71	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#50	19.84	17.74	33.00	PASS
Band2	20MHz	64QAM	18900	50RB#0	19.79	17.69	33.00	PASS
Band2	20MHz	64QAM	18900	100RB#0	19.84	17.74	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#49	20.67	18.57	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#99	20.74	18.64	33.00	PASS
Band2	20MHz	64QAM	19100	1RB#0	20.83	18.73	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#50	19.71	17.61	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#0	19.71	17.61	33.00	PASS
Band2	20MHz	64QAM	19100	50RB#25	19.75	17.65	33.00	PASS
Band2	20MHz	64QAM	19100	100RB#0	19.69	17.59	33.00	PASS

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Band2	20MHz	16QAM	18700	1RB#99	22.09	19.99	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#0	22.17	20.07	33.00	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.82	19.72	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.85	18.75	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.76	18.66	33.00	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.77	18.67	33.00	PASS
Band2	20MHz	16QAM	18700	100RB#0	20.74	18.64	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.85	19.75	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.84	19.74	33.00	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.83	19.73	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.83	18.73	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.85	18.75	33.00	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.86	18.76	33.00	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.84	18.74	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.71	19.61	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.77	19.67	33.00	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.83	19.73	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.72	18.62	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.85	18.75	33.00	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.89	18.79	33.00	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.78	18.68	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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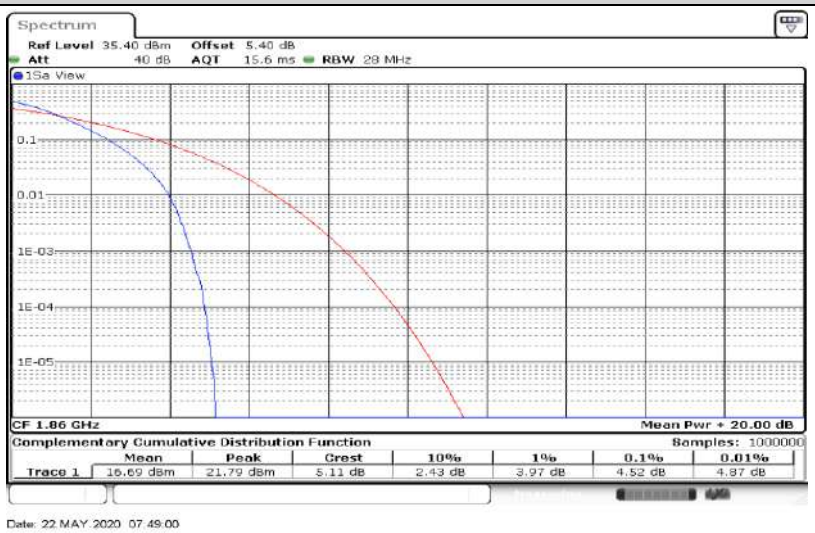
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	4.52	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.01	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	4.99	13	PASS
Band2	20MHz	64QAM	18700	100RB#0	6.23	13	PASS
Band2	20MHz	64QAM	18900	100RB#0	6.46	13	PASS
Band2	20MHz	64QAM	19100	100RB#0	6.35	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	5.45	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	5.91	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	5.86	13	PASS

2.2. Test Plots

Band2-20MHz-QPSK-18700-100RB#0



Band2-20MHz-QPSK-18900-100RB#0

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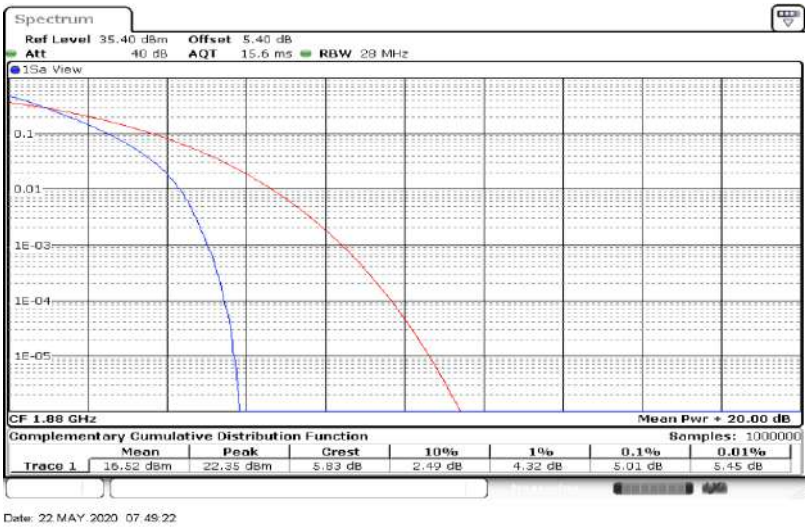
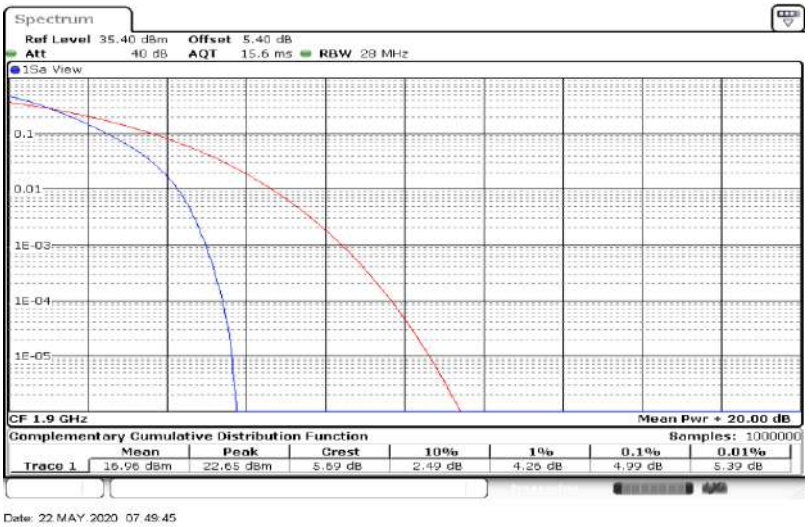


Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-64QAM-18700-100RB#0

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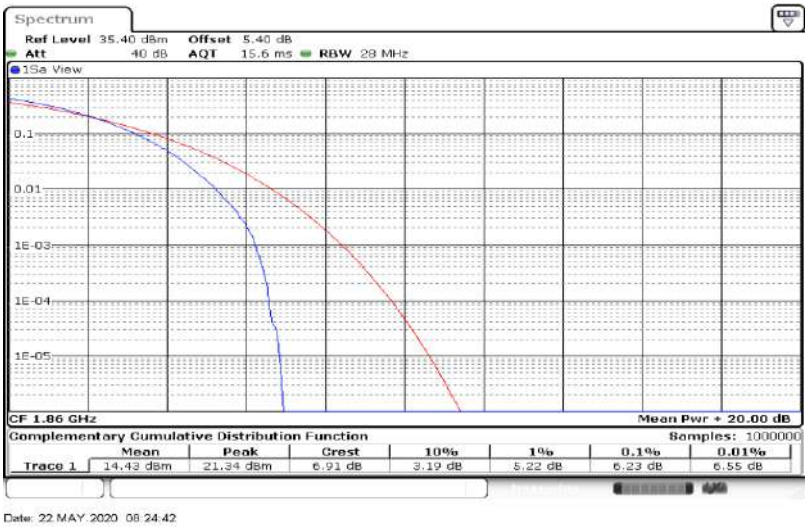

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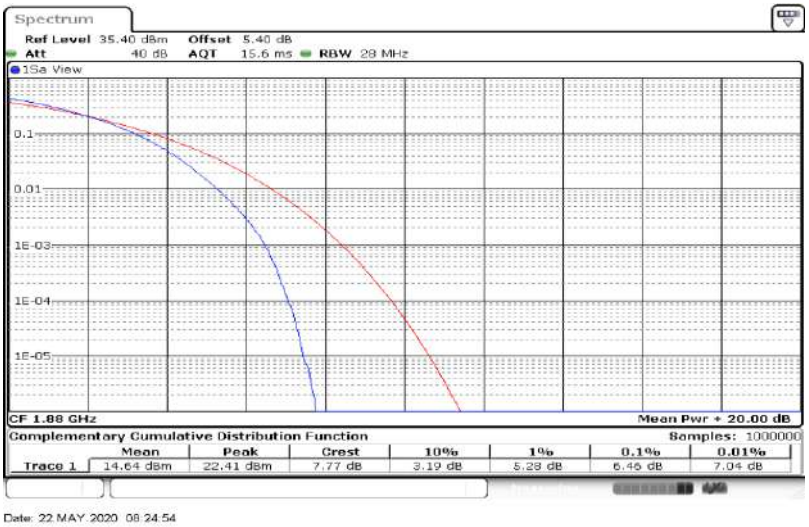

Band2-20MHz-64QAM-19100-100RB#0

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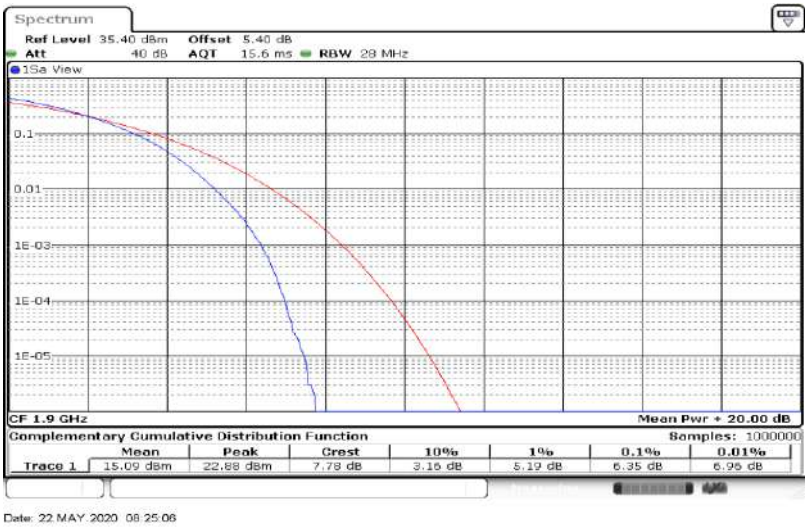
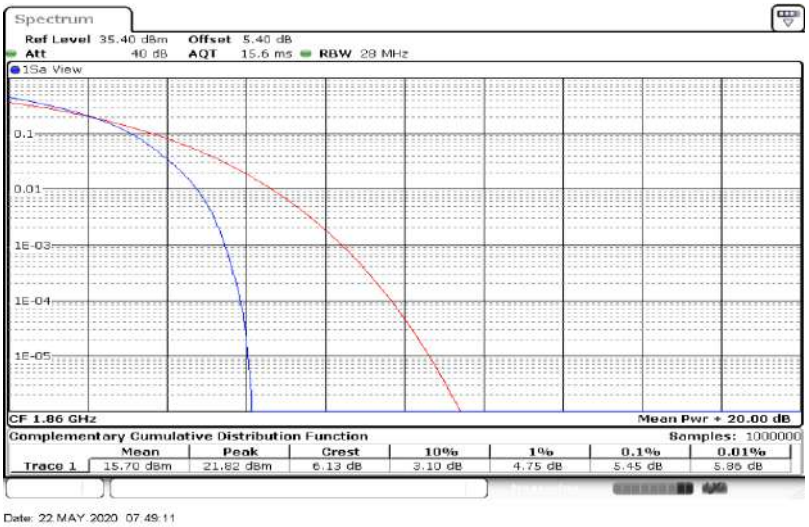


Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-18900-100RB#0

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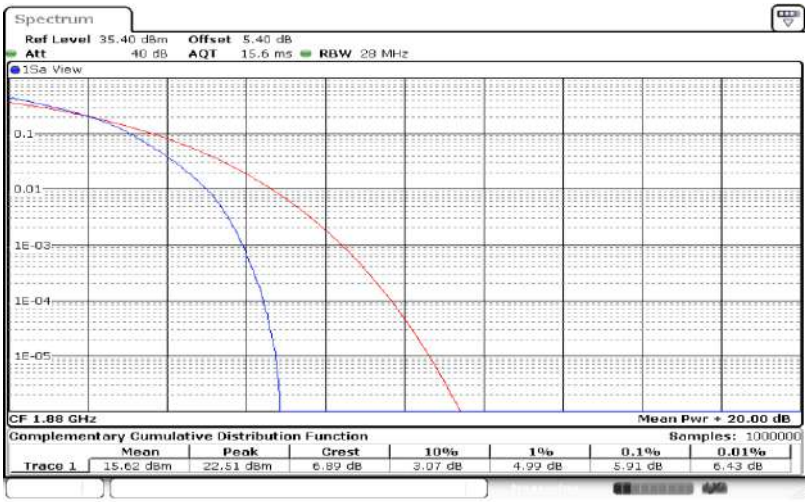

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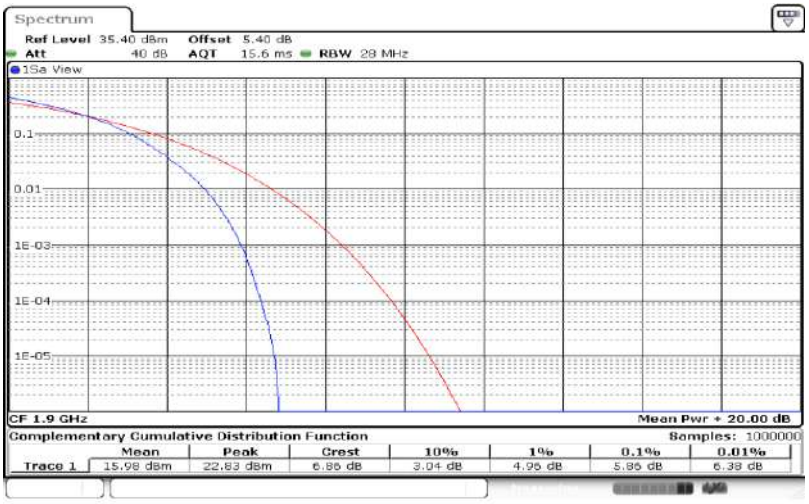
Band2-20MHz-16QAM-19100-100RB#0



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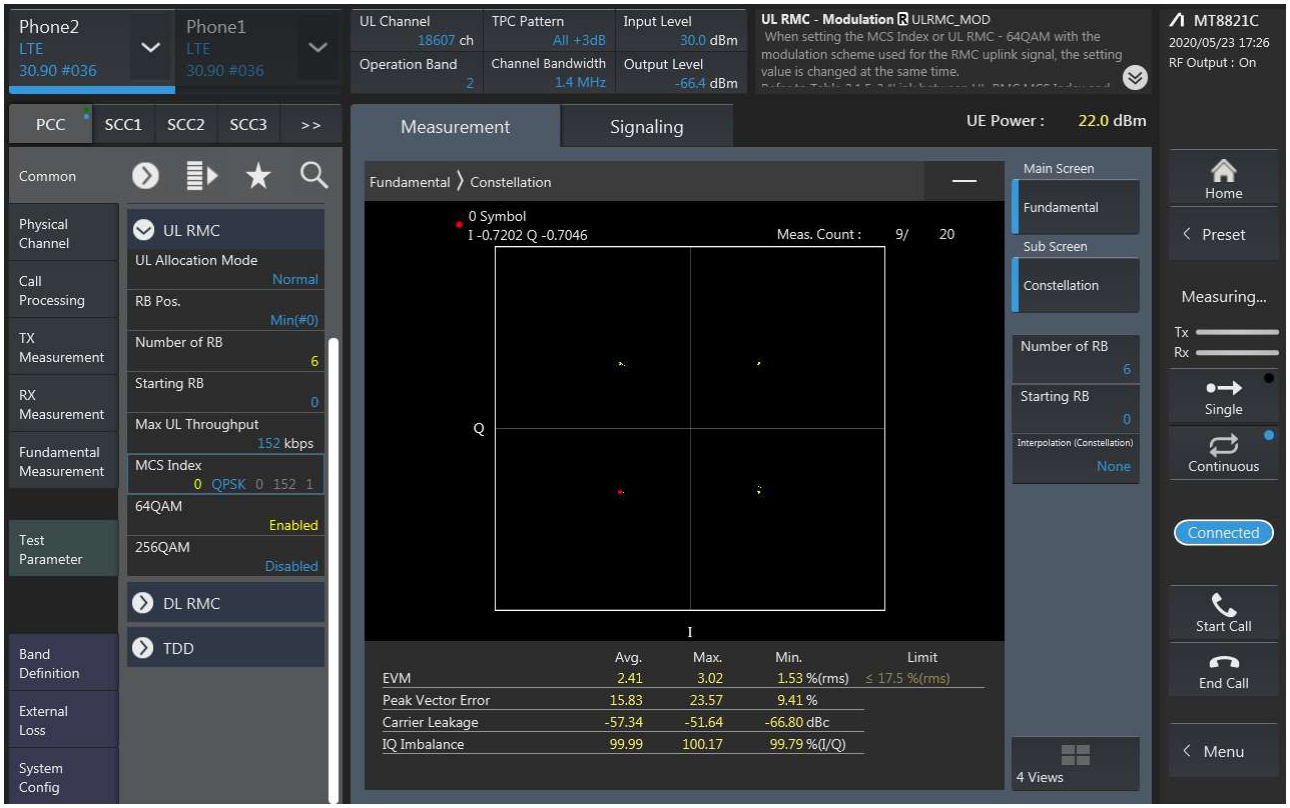
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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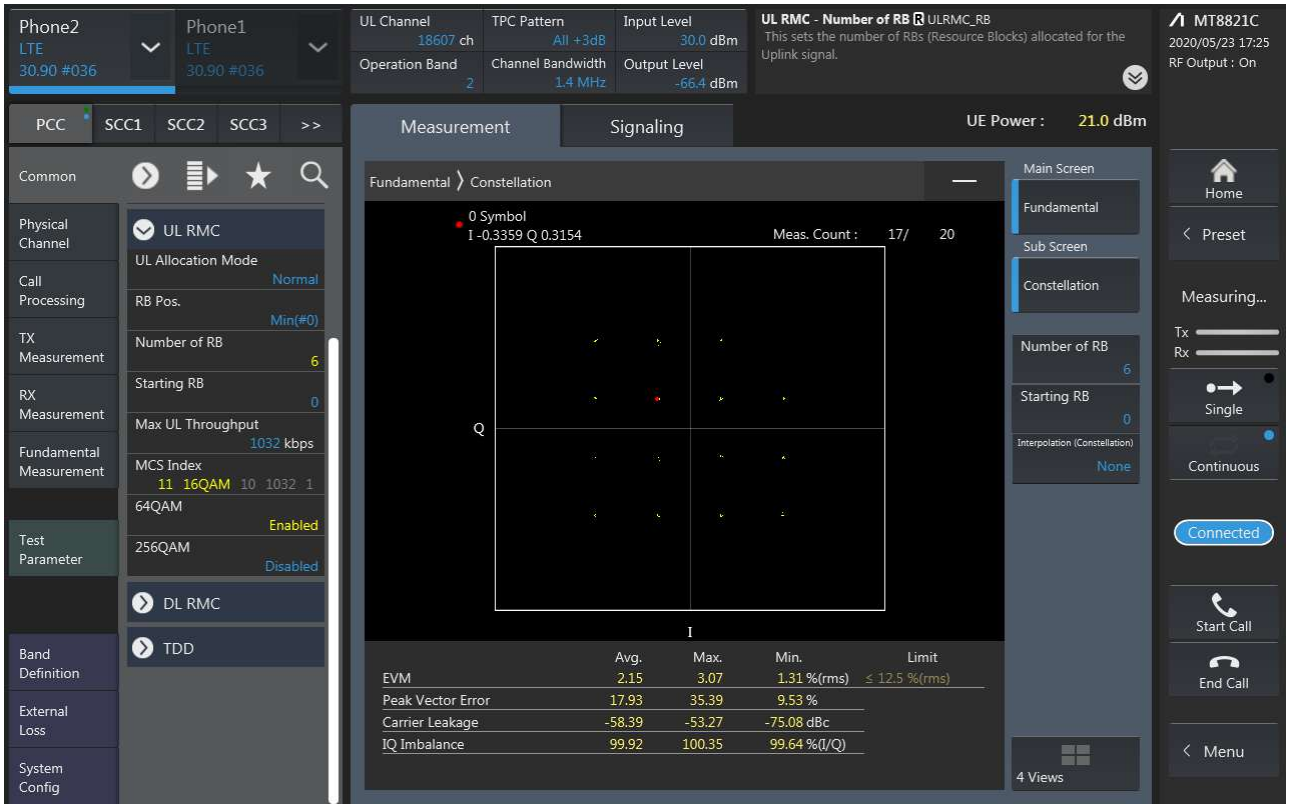
3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



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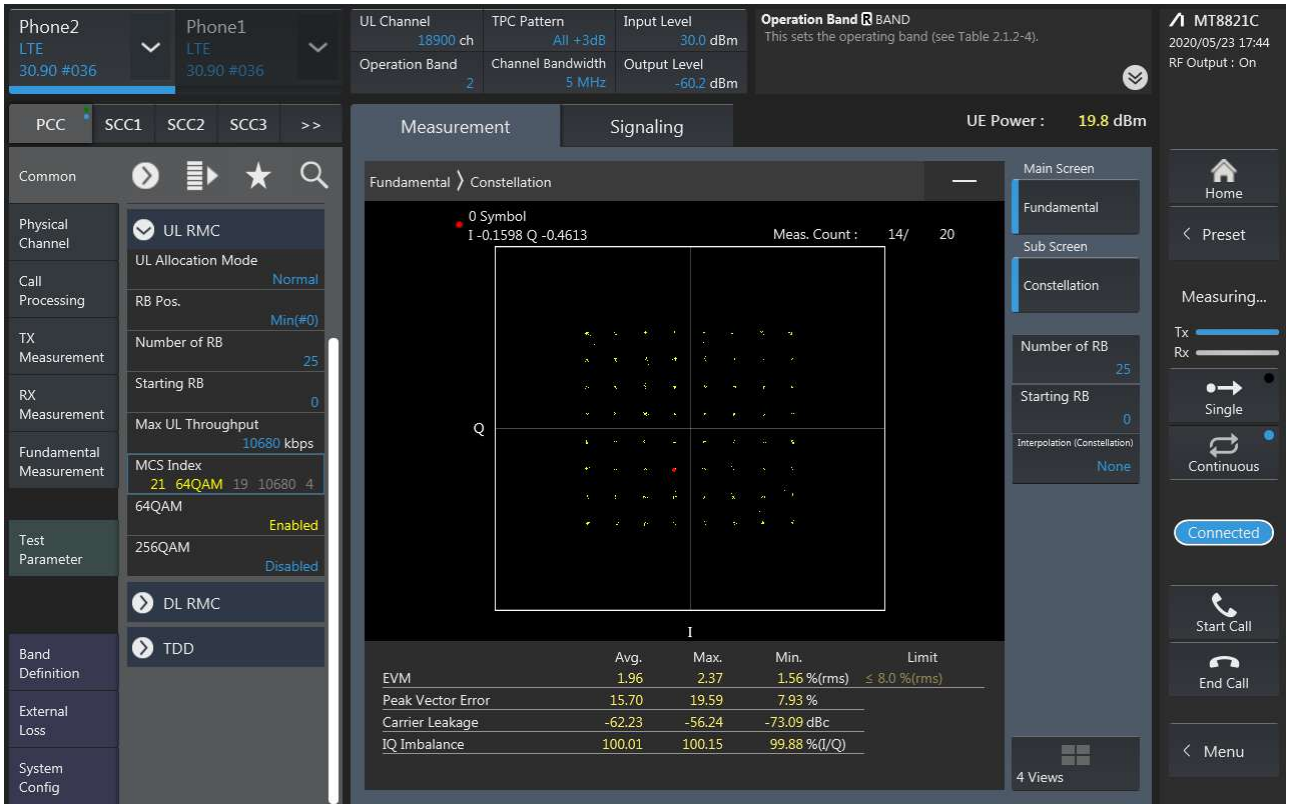
3.3. Test Mode = LTE /TM3 20MHz

3.3.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.091	1.290	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.094	1.284	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.091	1.305	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	1.097	1.302	PASS
Band2	1.4MHz	64QAM	18900	6RB#0	1.097	1.305	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	1.097	1.293	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.281	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.287	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.091	1.293	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.697	3.000	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	2.988	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.697	3.000	PASS
Band2	3MHz	64QAM	18615	15RB#0	2.691	2.982	PASS
Band2	3MHz	64QAM	18900	15RB#0	2.691	2.982	PASS
Band2	3MHz	64QAM	19185	15RB#0	2.691	2.976	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.691	2.970	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.685	2.958	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.691	2.970	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.466	4.940	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.476	4.940	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.466	4.910	PASS
Band2	5MHz	64QAM	18625	25RB#0	4.466	4.920	PASS
Band2	5MHz	64QAM	18900	25RB#0	4.466	4.920	PASS
Band2	5MHz	64QAM	19175	25RB#0	4.466	4.890	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.486	4.960	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.486	4.940	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.476	4.930	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.931	9.720	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.931	9.740	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.911	9.680	PASS
Band2	10MHz	64QAM	18650	50RB#0	8.911	9.680	PASS

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Band2	10MHz	64QAM	18900	50RB#0	8.911	9.740	PASS
Band2	10MHz	64QAM	19150	50RB#0	8.891	9.620	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.911	9.680	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.931	9.760	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.891	9.680	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.457	14.790	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.730	PASS
Band2	15MHz	64QAM	18675	75RB#0	13.397	14.790	PASS
Band2	15MHz	64QAM	18900	75RB#0	13.457	14.910	PASS
Band2	15MHz	64QAM	19125	75RB#0	13.427	14.850	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.427	14.730	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.427	14.700	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.457	14.760	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.862	19.400	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.902	19.440	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.902	19.400	PASS
Band2	20MHz	64QAM	18700	100RB#0	17.782	19.360	PASS
Band2	20MHz	64QAM	18900	100RB#0	17.862	19.400	PASS
Band2	20MHz	64QAM	19100	100RB#0	17.902	19.400	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.822	19.360	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.862	19.440	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.902	19.440	PASS

4.2. Test Plots

Band2-1.4MHz-QPSK-18607-6RB#0-1.091

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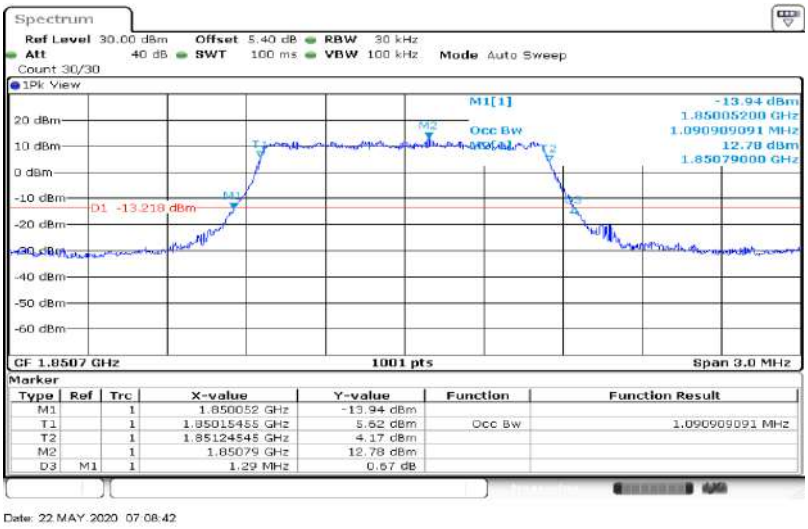
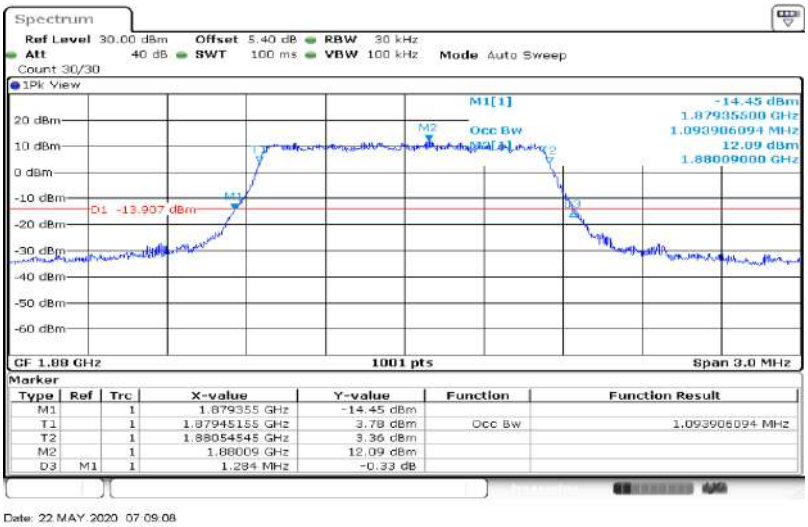


Band2-1.4MHz-QPSK-18900-6RB#0-1.094



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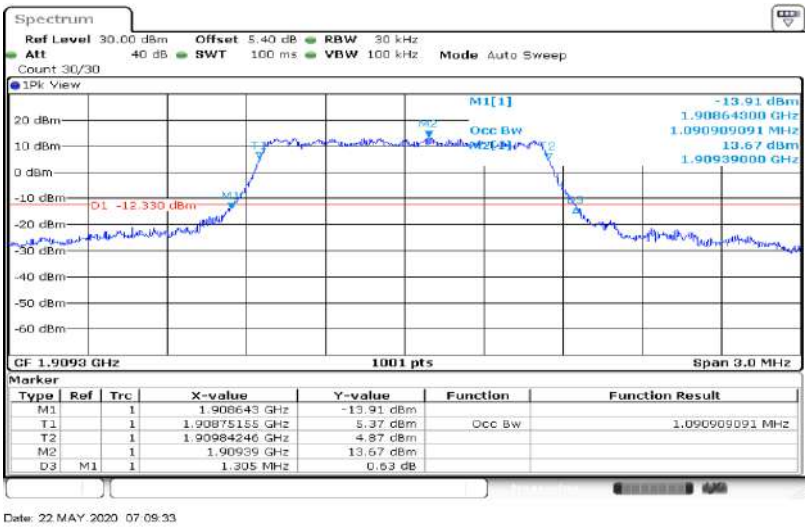

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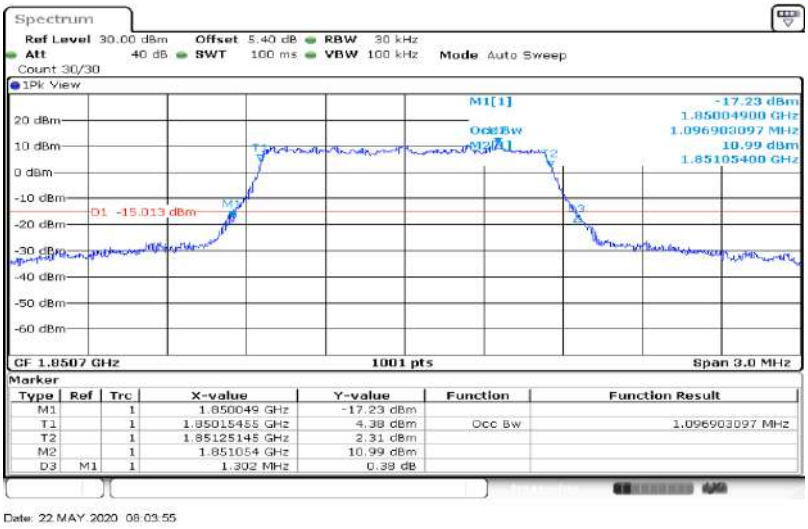

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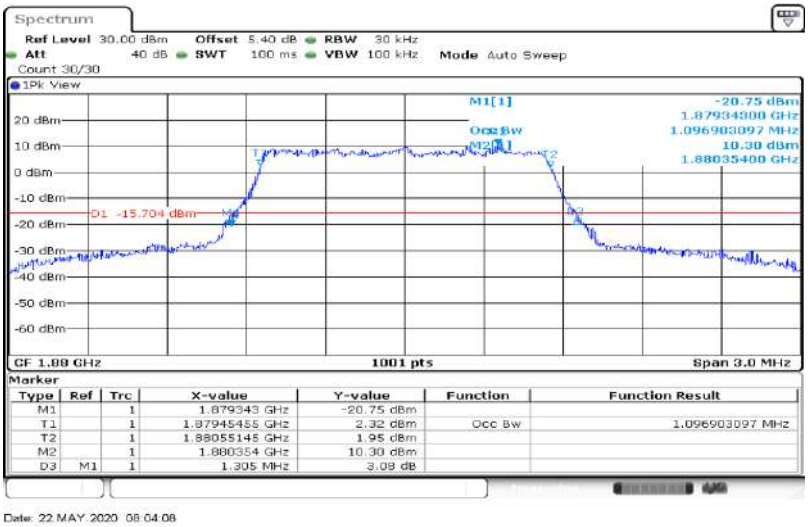

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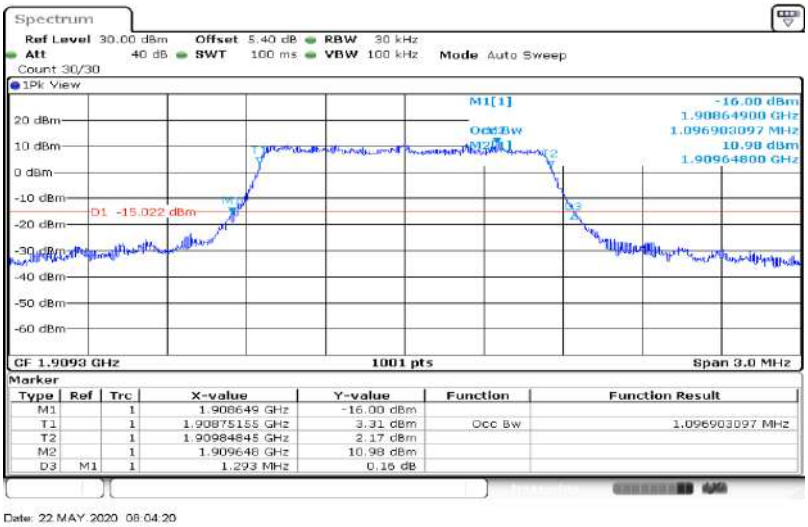

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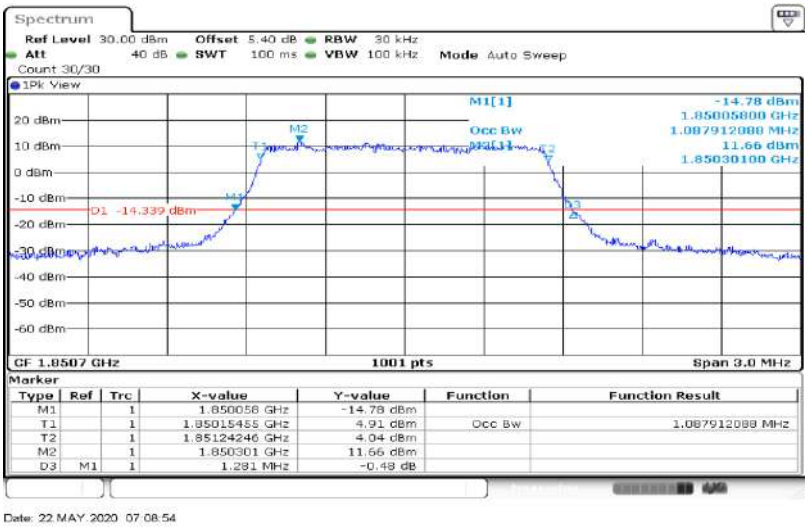

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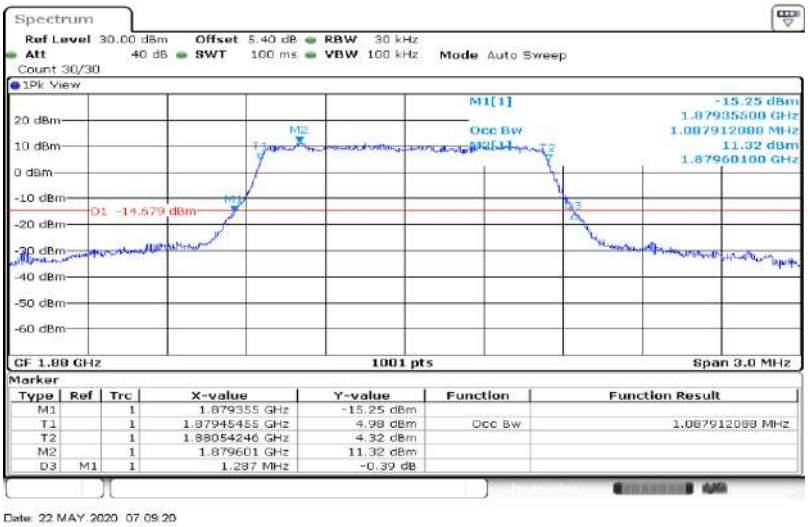

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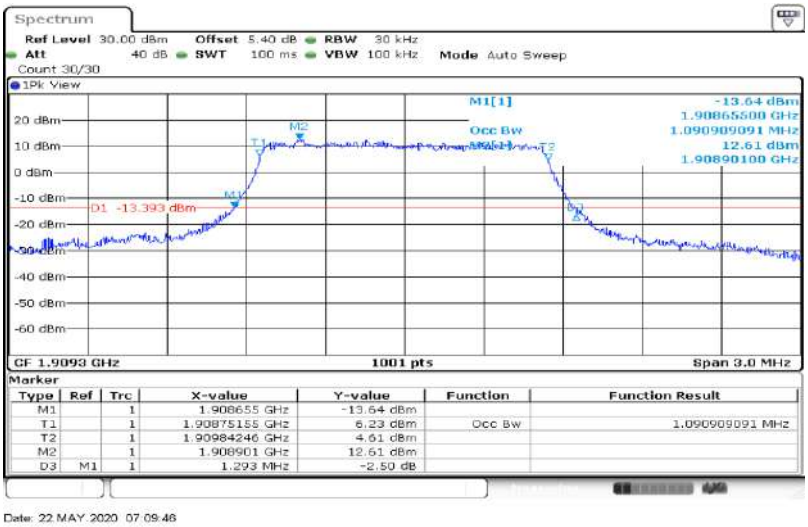

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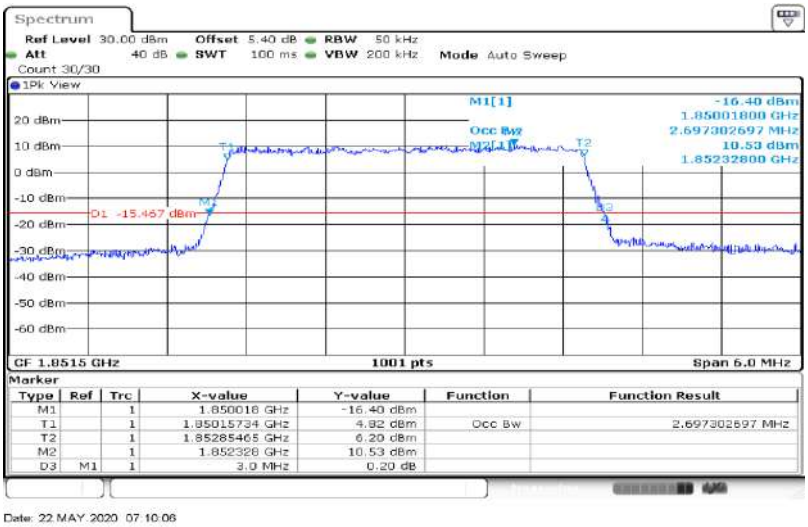

Band2-3MHz-QPSK-18900-15RB#0-2.697

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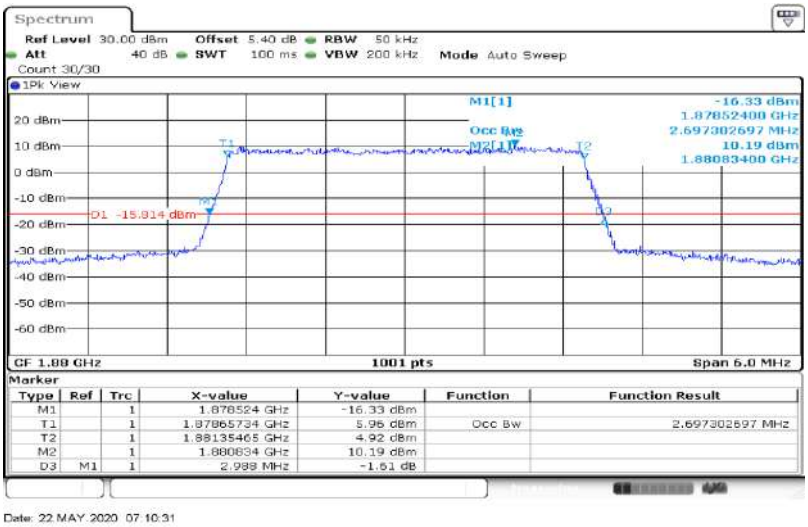

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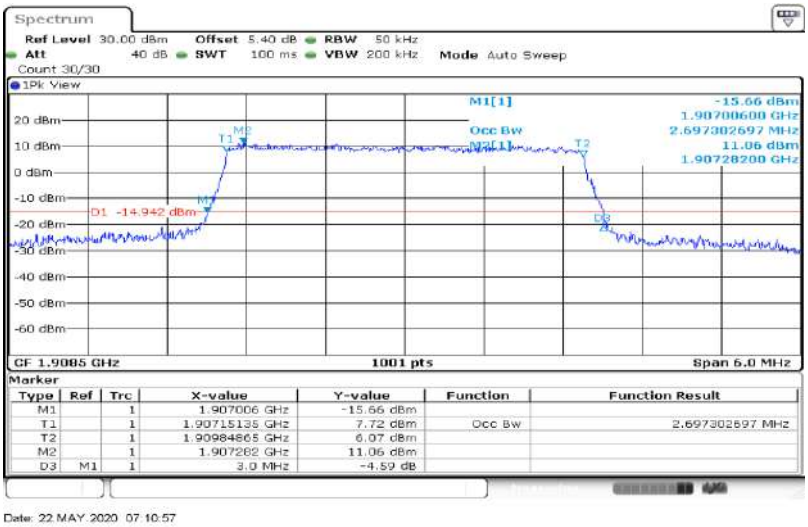

Band2-3MHz-64QAM-18615-15RB#0-2.691

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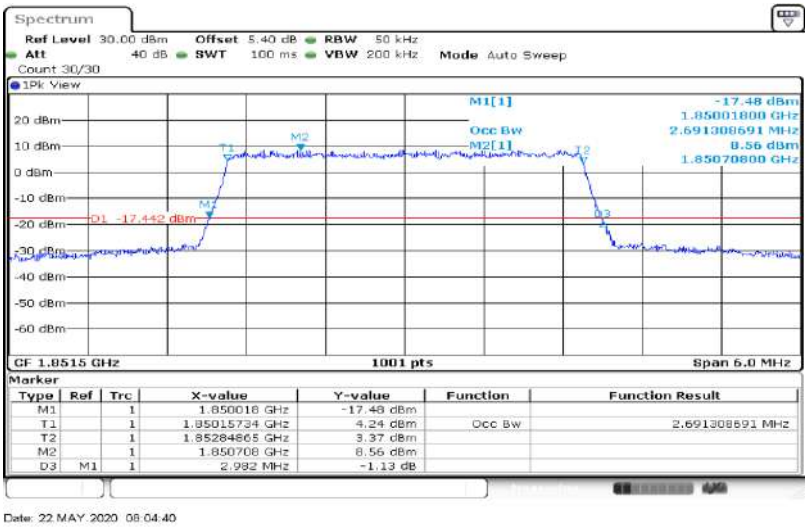

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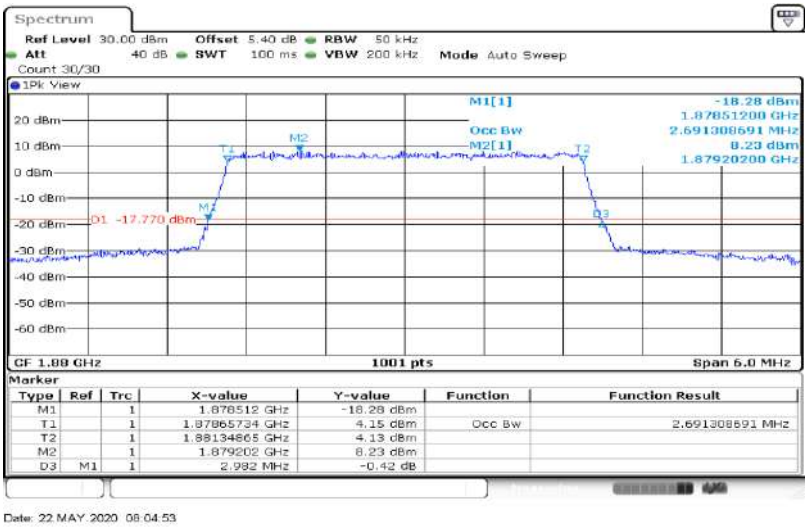

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Band2-3MHz-64QAM-19185-15RB#0-2.691

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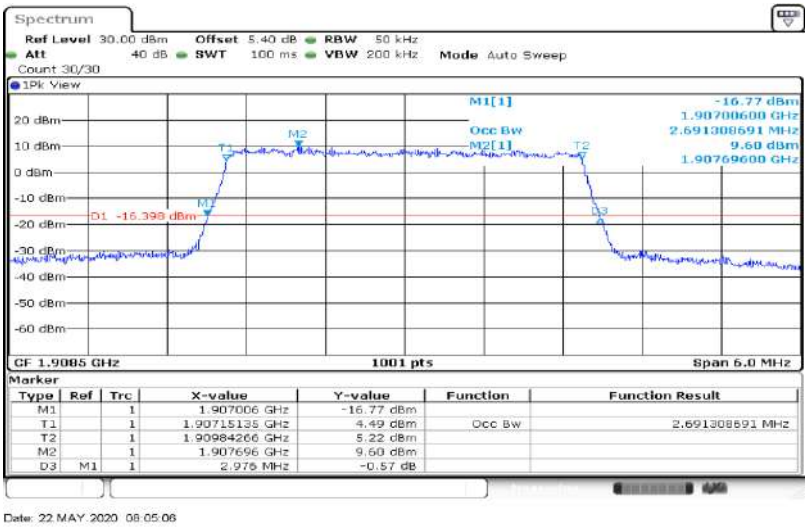

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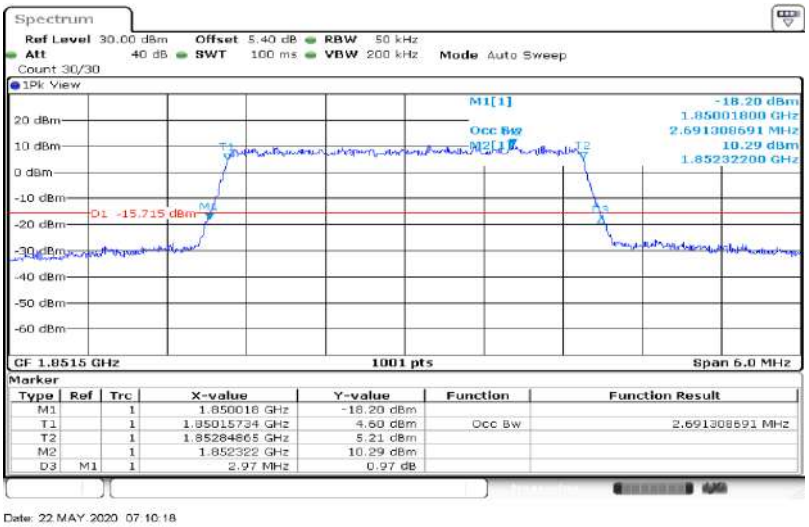

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Band2-3MHz-16QAM-18900-15RB#0-2.685

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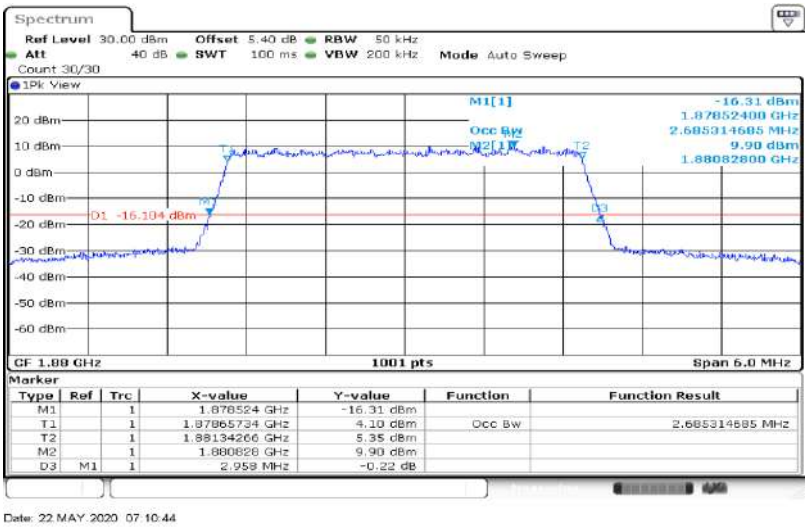

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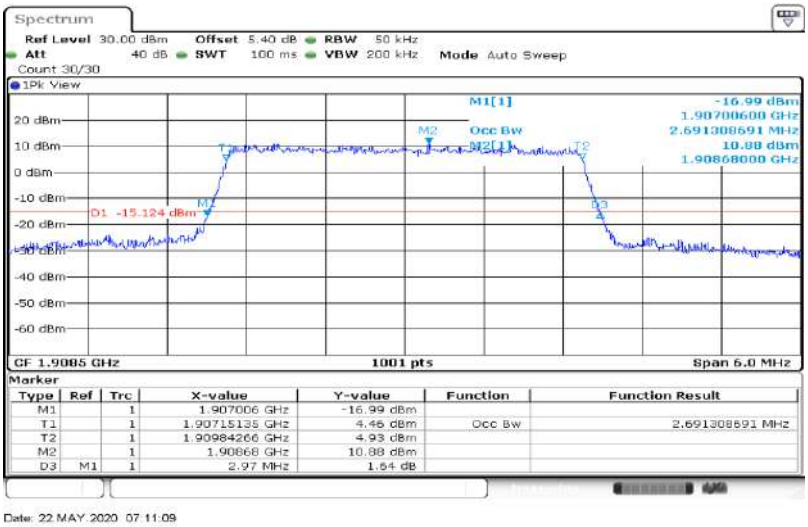

Band2-5MHz-QPSK-18625-25RB#0-4.466

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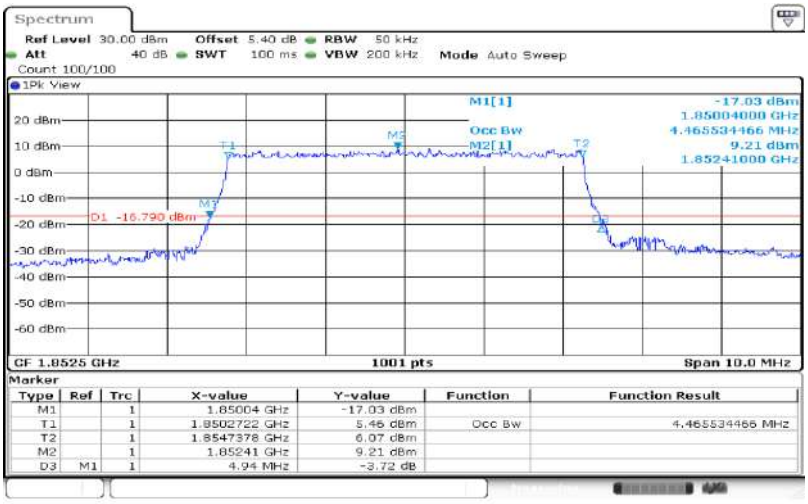

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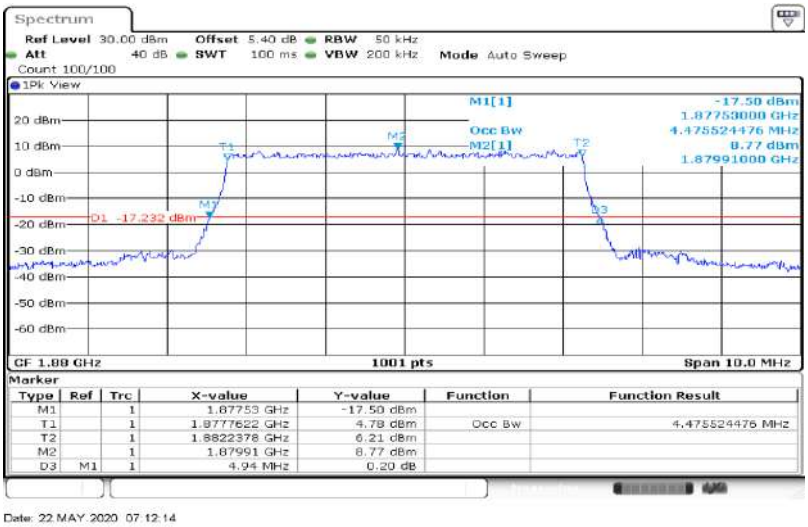

Band2-5MHz-QPSK-19175-25RB#0-4.466

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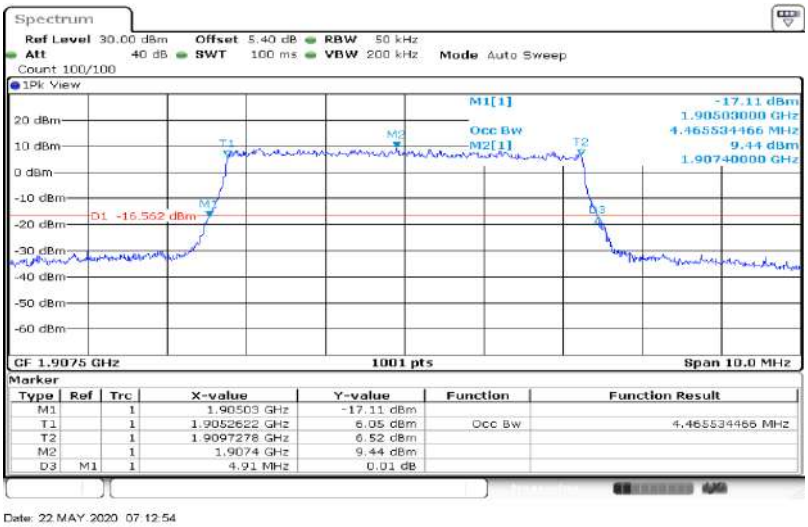
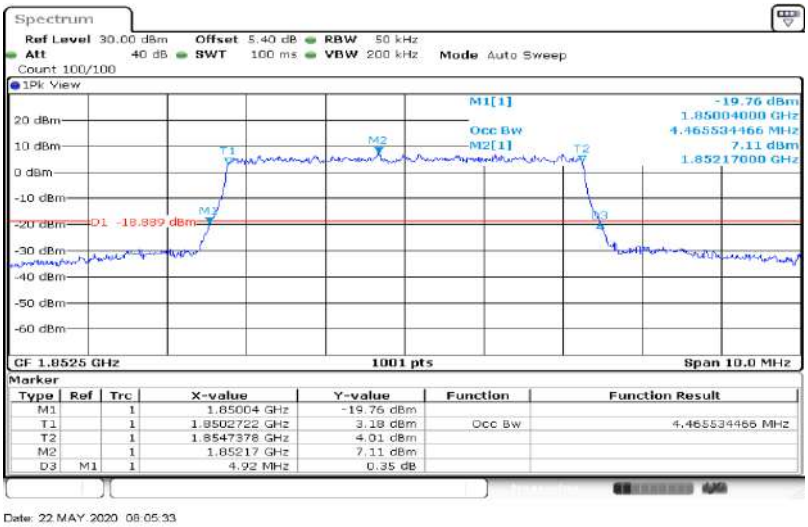


Band2-5MHz-64QAM-18625-25RB#0-4.466



Band2-5MHz-64QAM-18900-25RB#0-4.466

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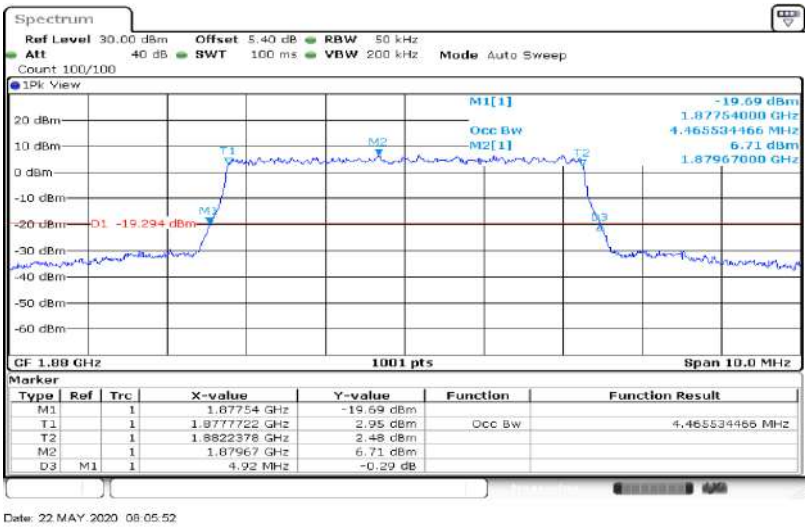

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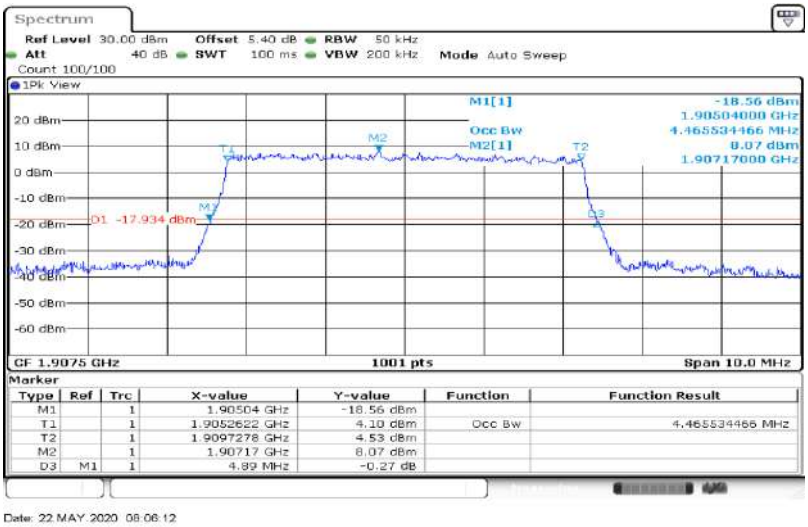

Band2-5MHz-16QAM-18625-25RB#0-4.486

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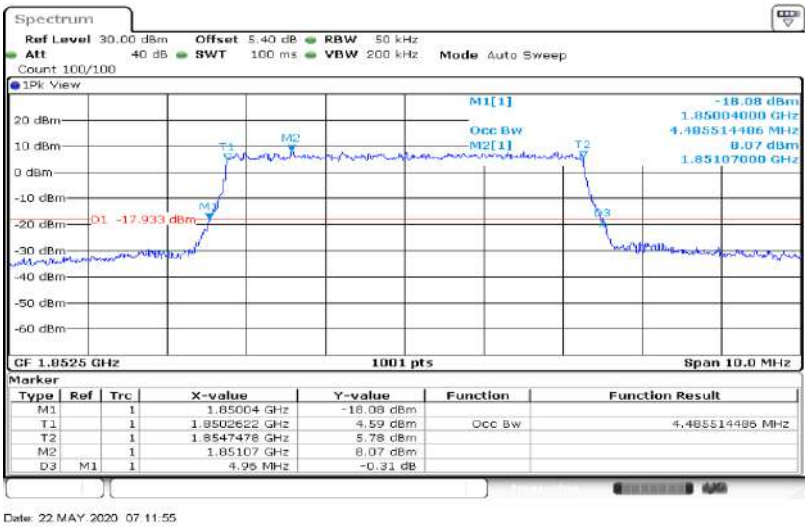

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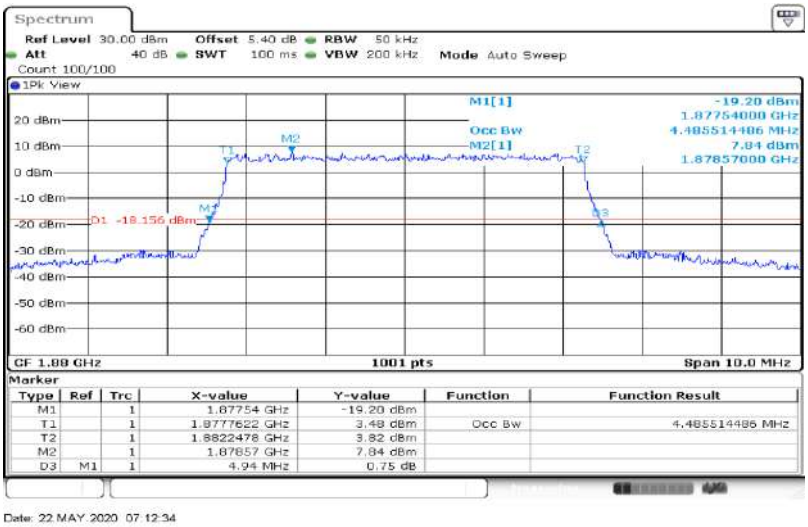

Band2-5MHz-16QAM-19175-25RB#0-4.476

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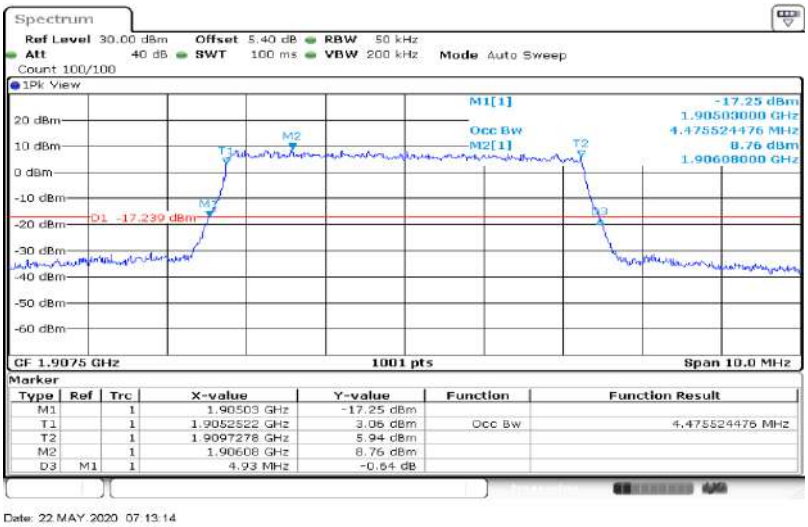
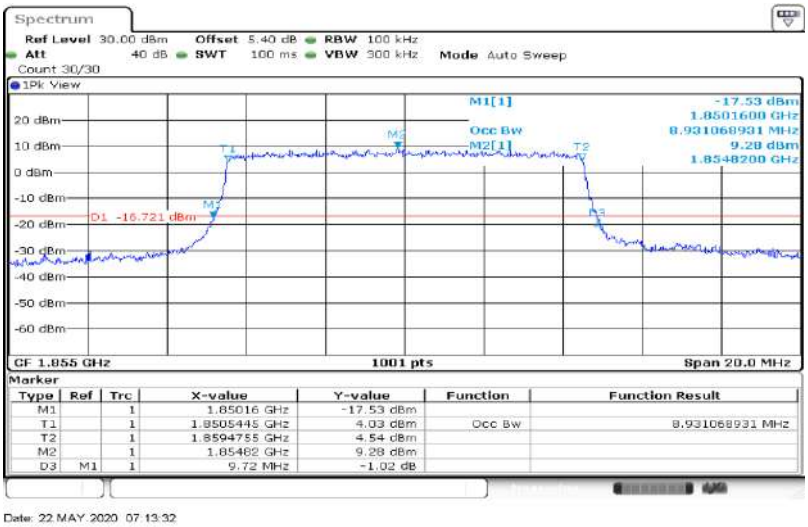


Band2-10MHz-QPSK-18650-50RB#0-8.931



Band2-10MHz-QPSK-18900-50RB#0-8.931

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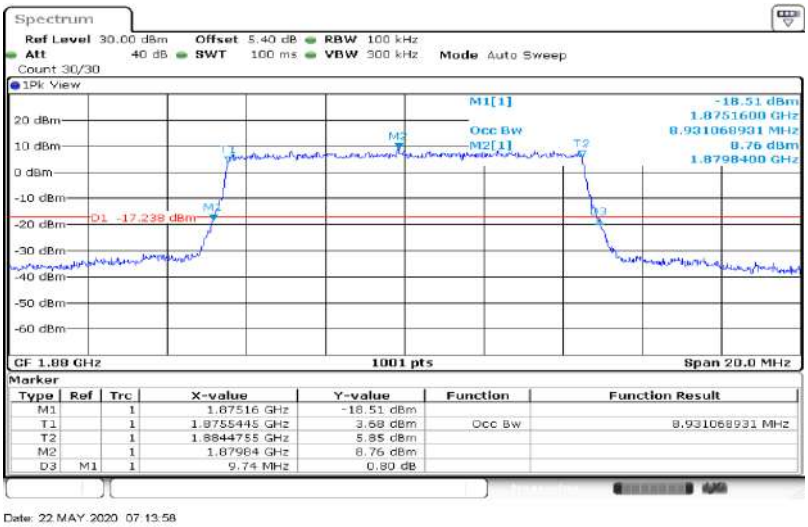
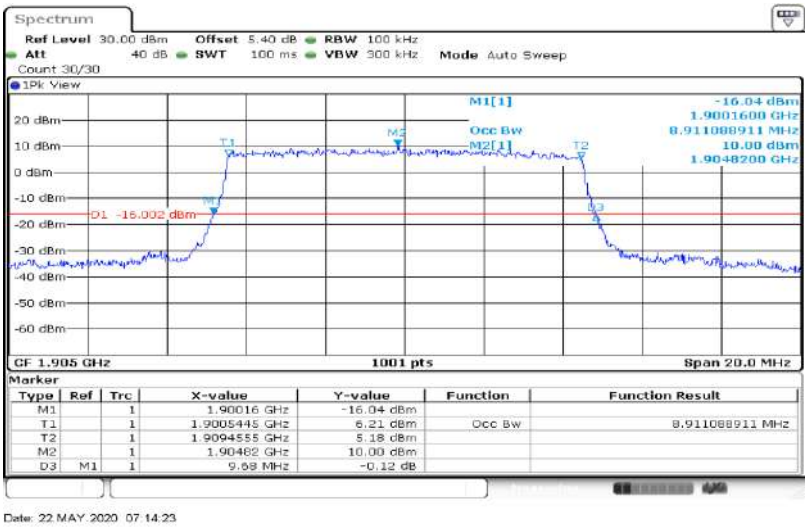


Band2-10MHz-QPSK-19150-50RB#0-8.911



Band2-10MHz-64QAM-18650-50RB#0-8.911

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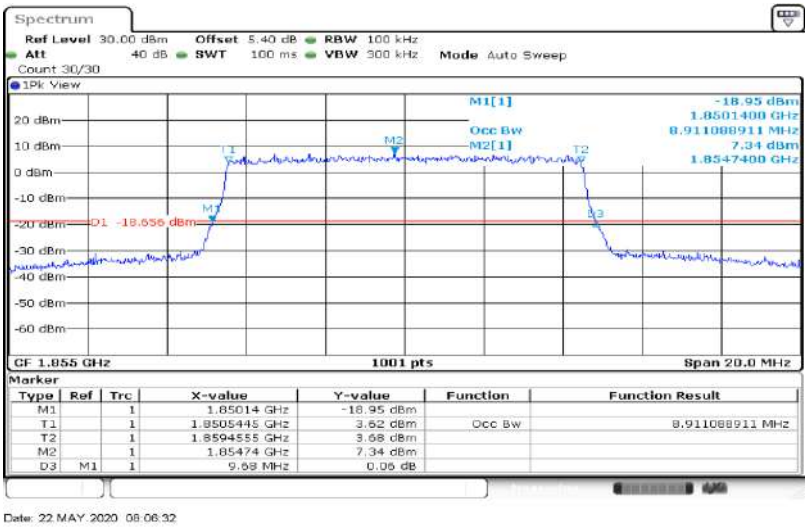

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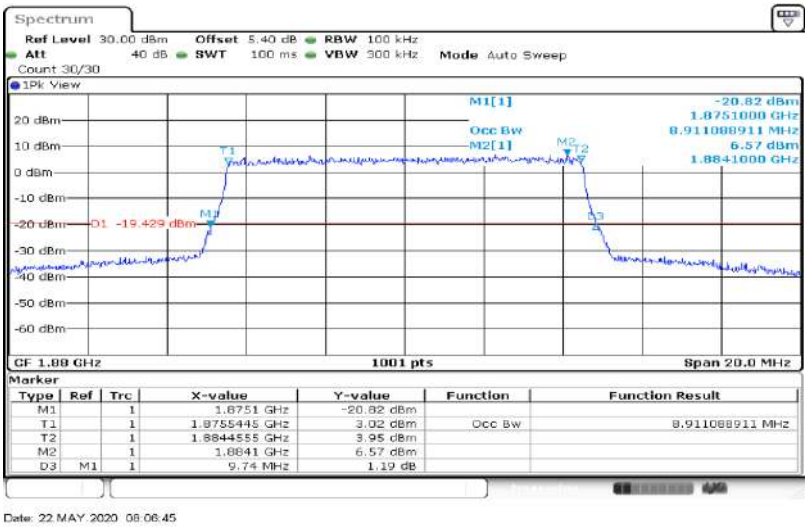

Band2-10MHz-64QAM-19150-50RB#0-8.891

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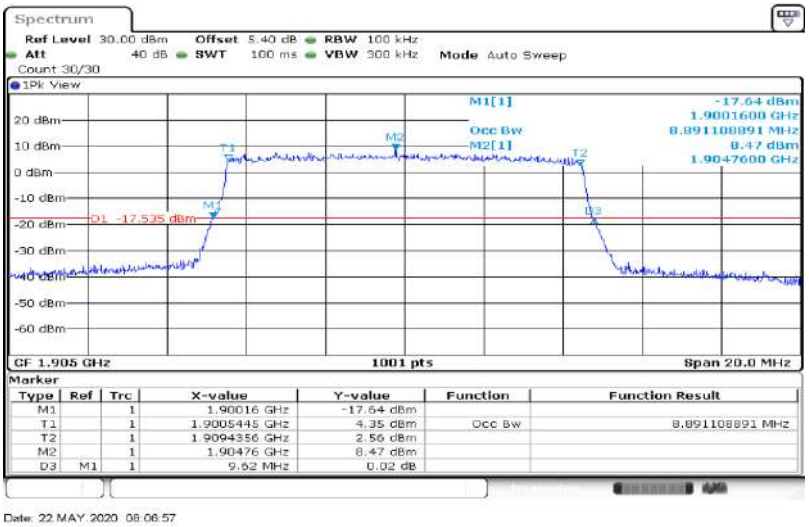
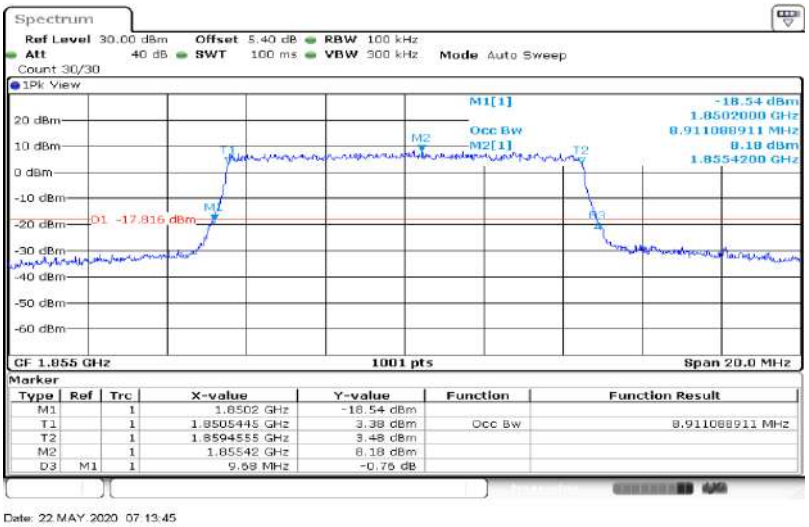


Band2-10MHz-16QAM-18650-50RB#0-8.911



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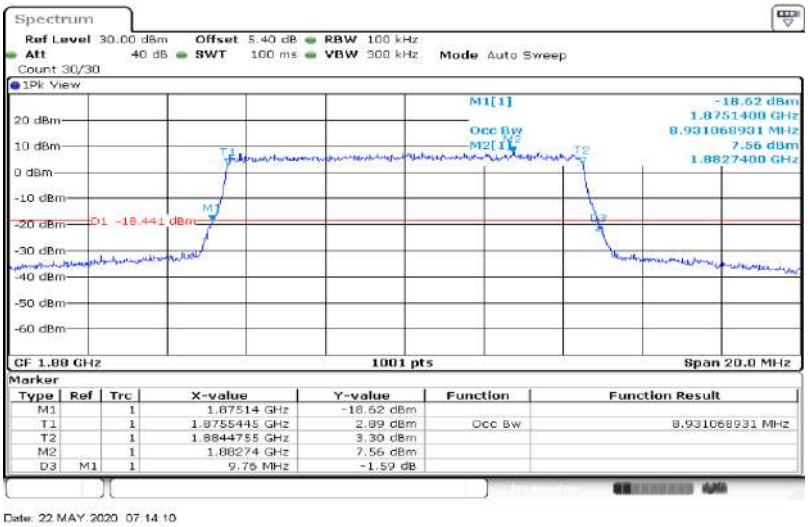

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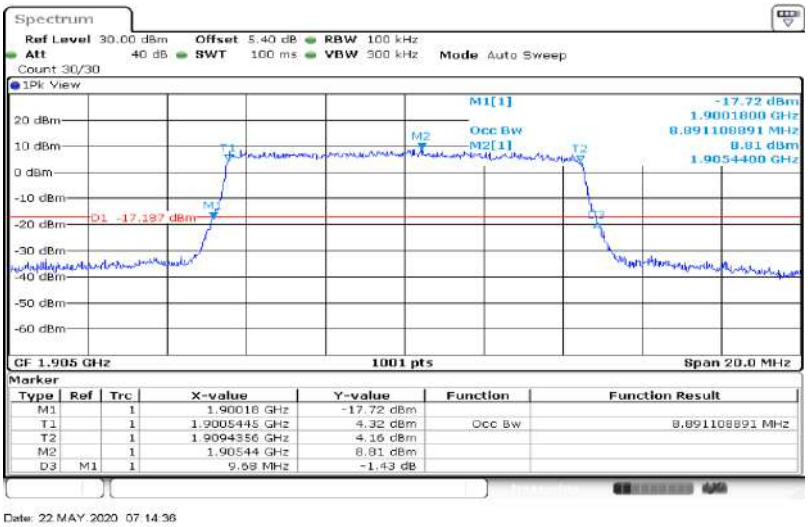

Band2-15MHz-QPSK-18675-75RB#0-13.427

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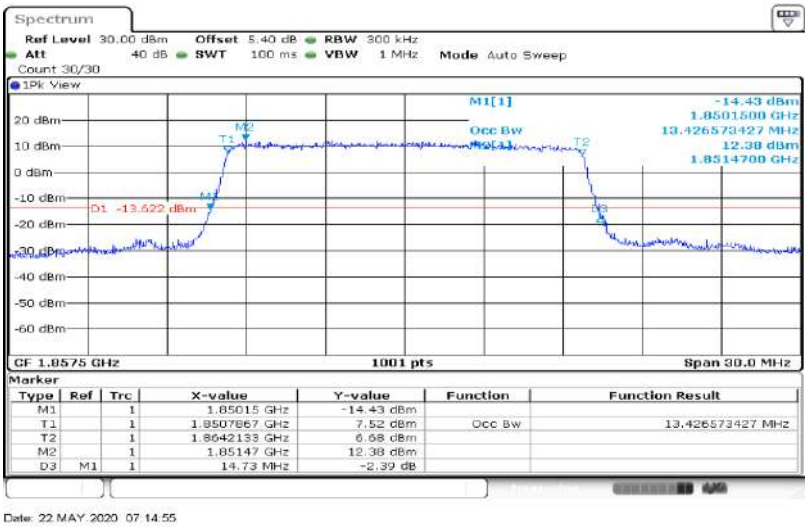
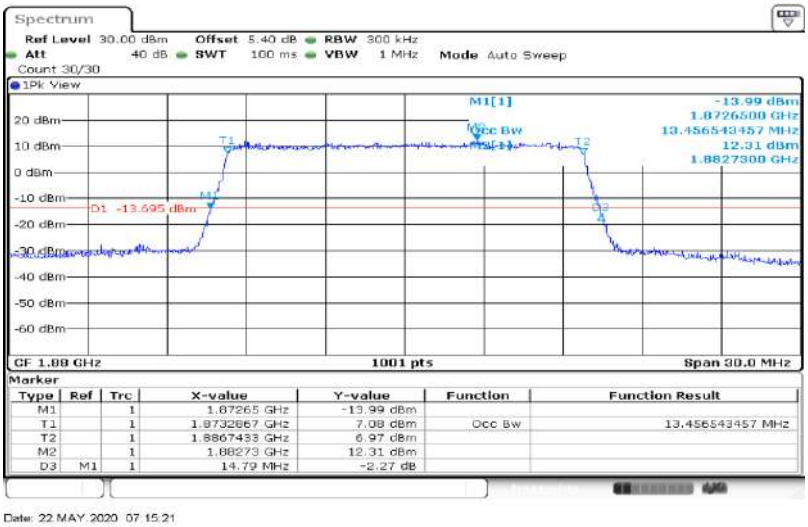


Band2-15MHz-QPSK-18900-75RB#0-13.457



Band2-15MHz-QPSK-19125-75RB#0-13.427

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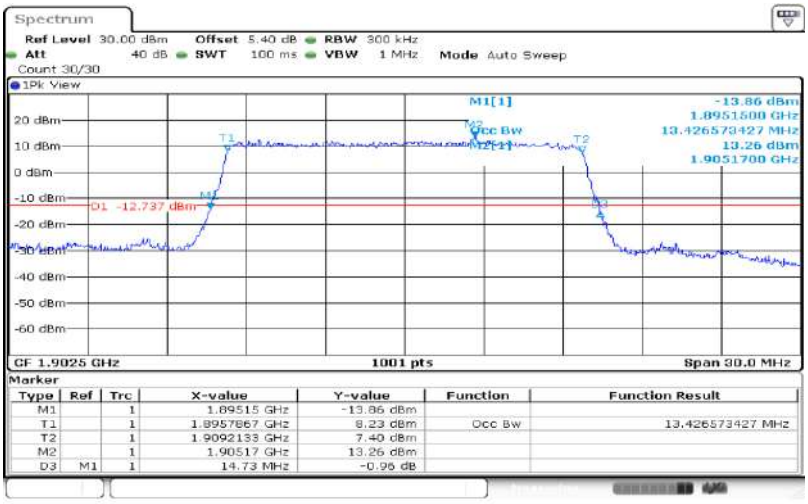
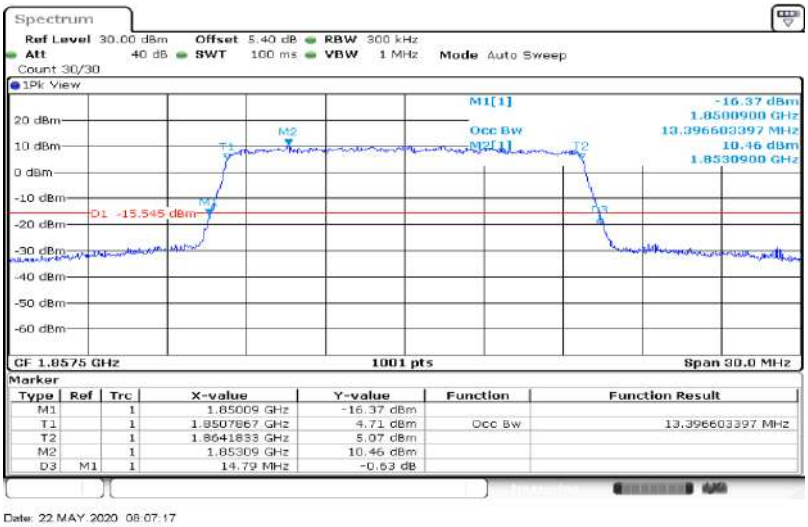


Band2-15MHz-64QAM-18675-75RB#0-13.397



Band2-15MHz-64QAM-18900-75RB#0-13.457

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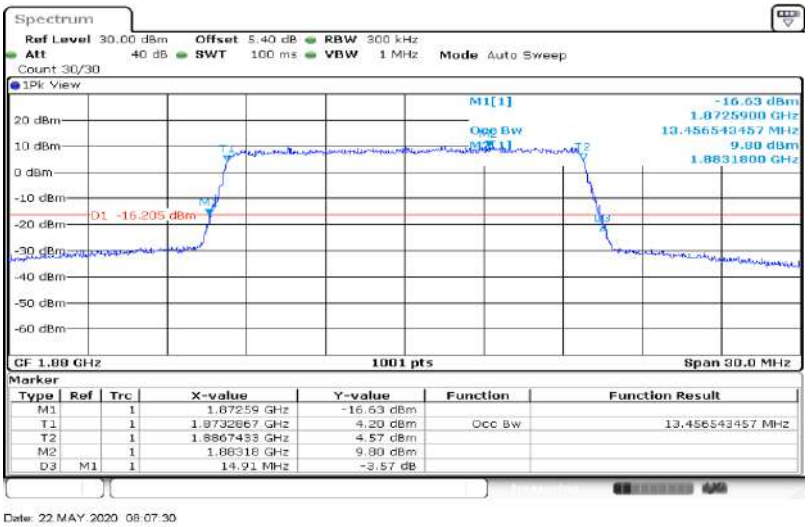
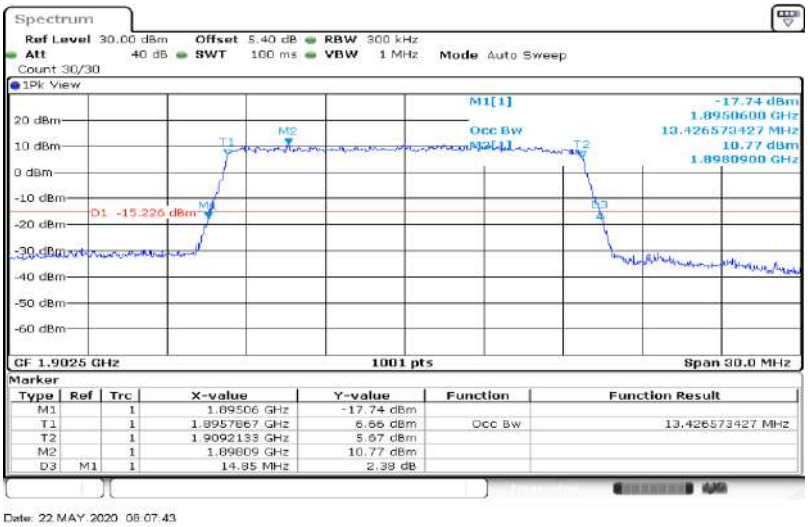


Band2-15MHz-64QAM-19125-75RB#0-13.427



Band2-15MHz-16QAM-18675-75RB#0-13.427

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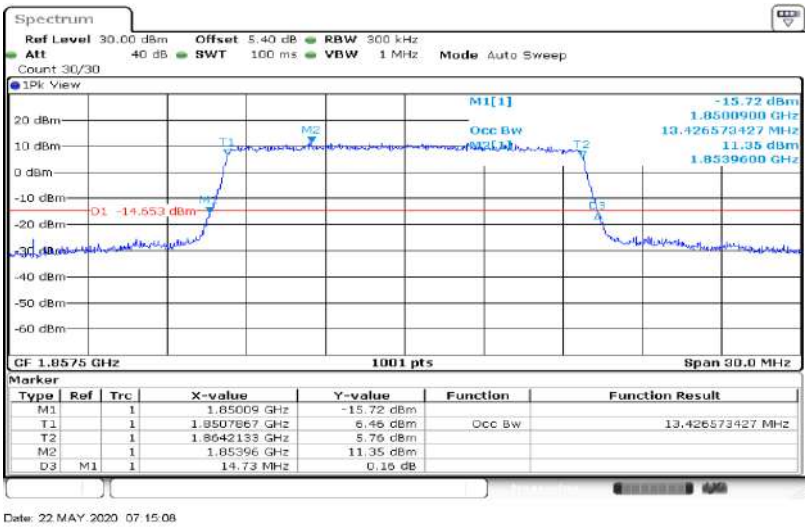

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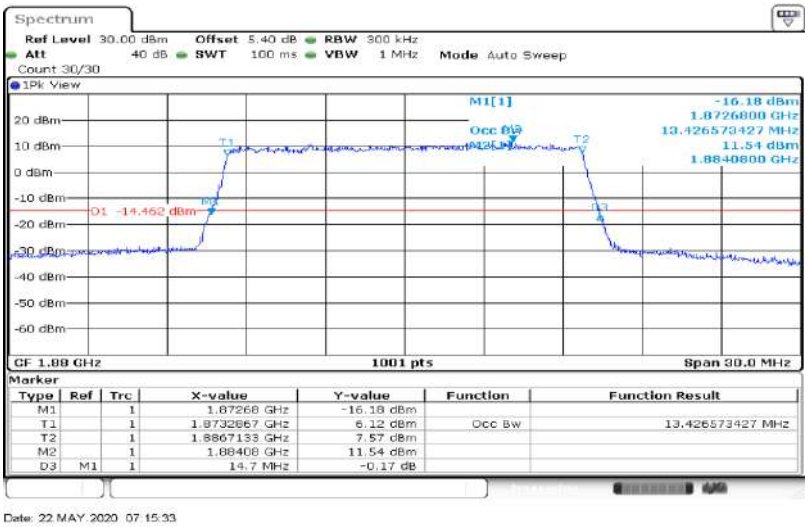

Band2-15MHz-16QAM-19125-75RB#0-13.457

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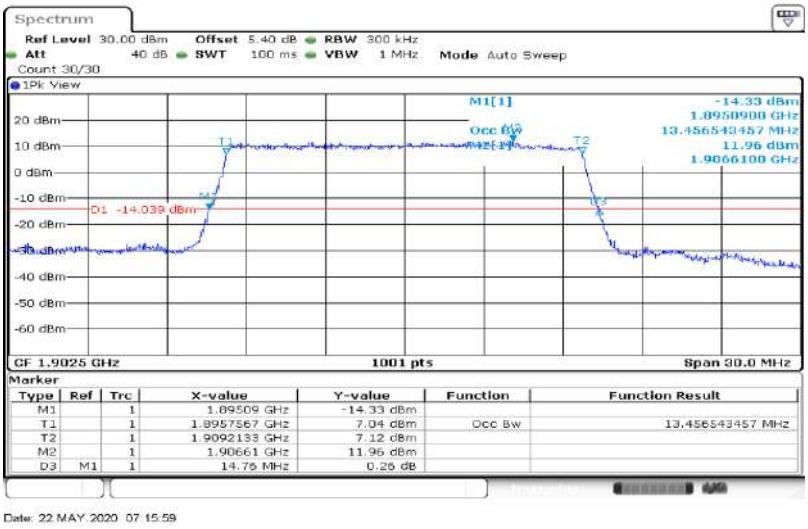
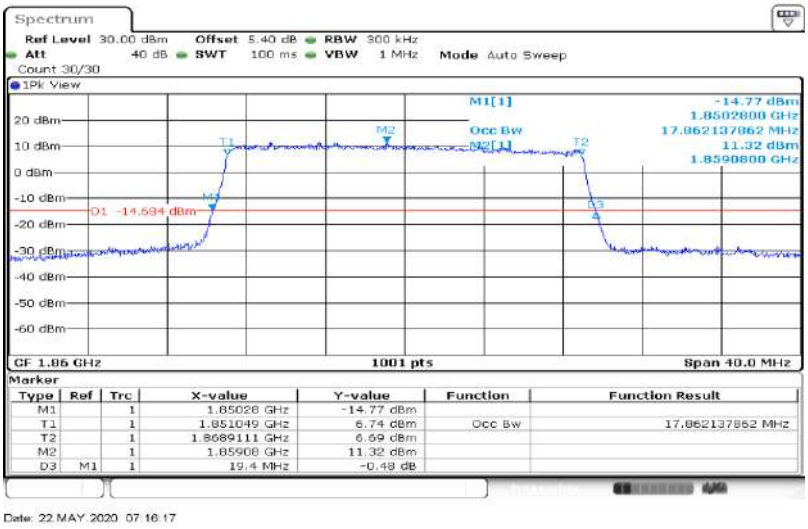


Band2-20MHz-QPSK-18700-100RB#0-17.862



Band2-20MHz-QPSK-18900-100RB#0-17.902

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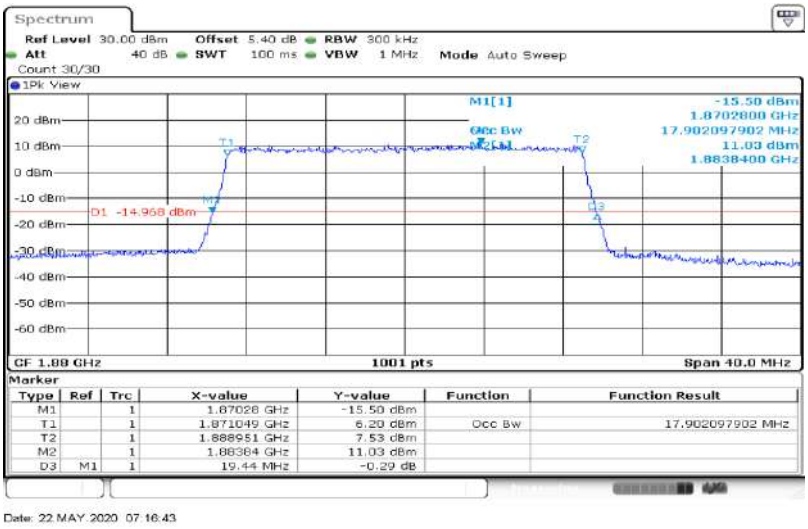
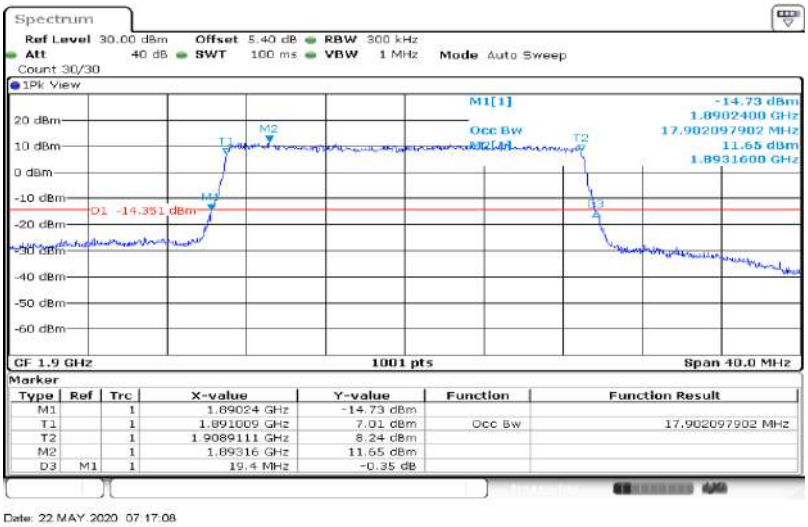


Band2-20MHz-QPSK-19100-100RB#0-17.902



Band2-20MHz-64QAM-18700-100RB#0-17.782

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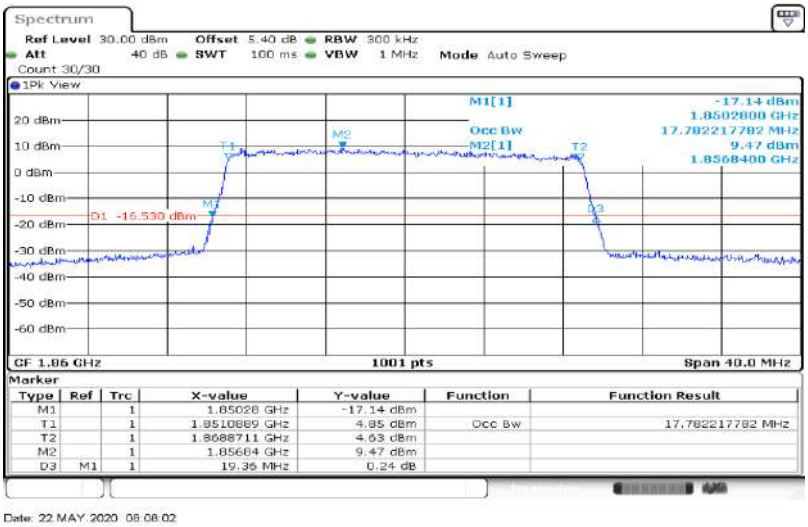
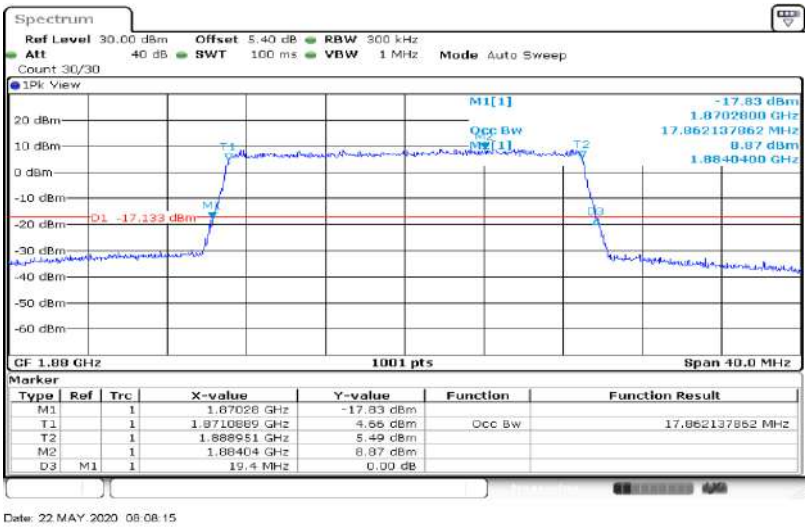


Band2-20MHz-64QAM-18900-100RB#0-17.862



Band2-20MHz-64QAM-19100-100RB#0-17.902

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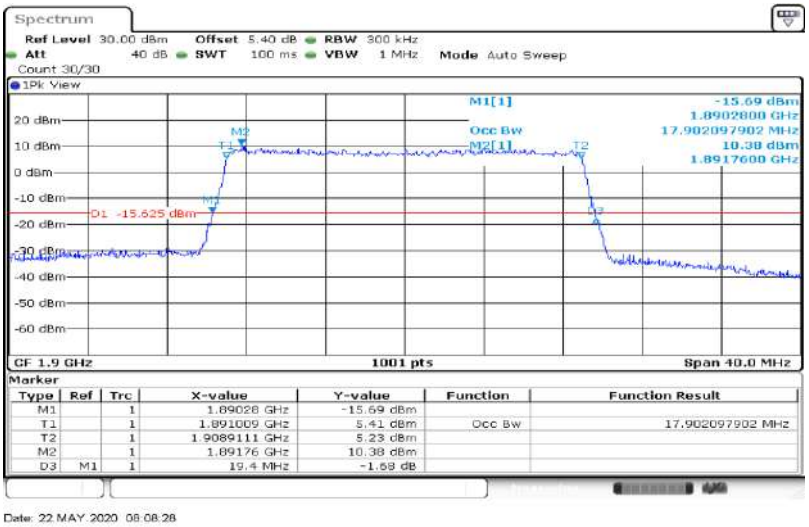

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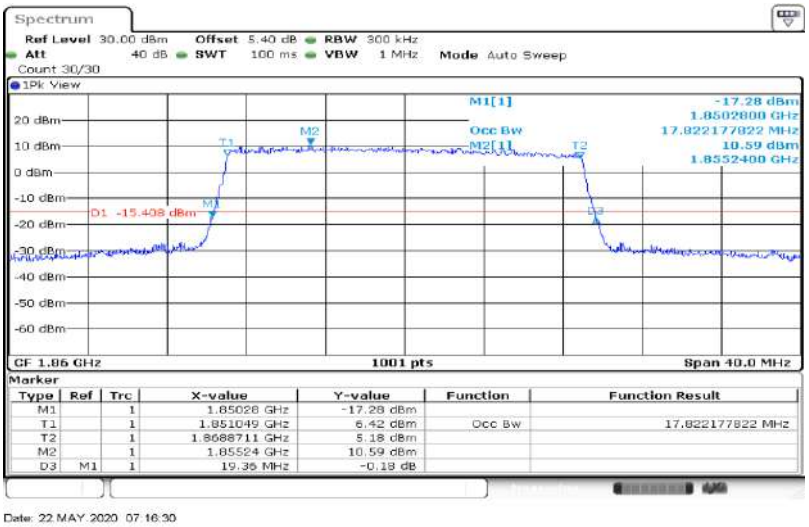

Band2-20MHz-16QAM-18900-100RB#0-17.862

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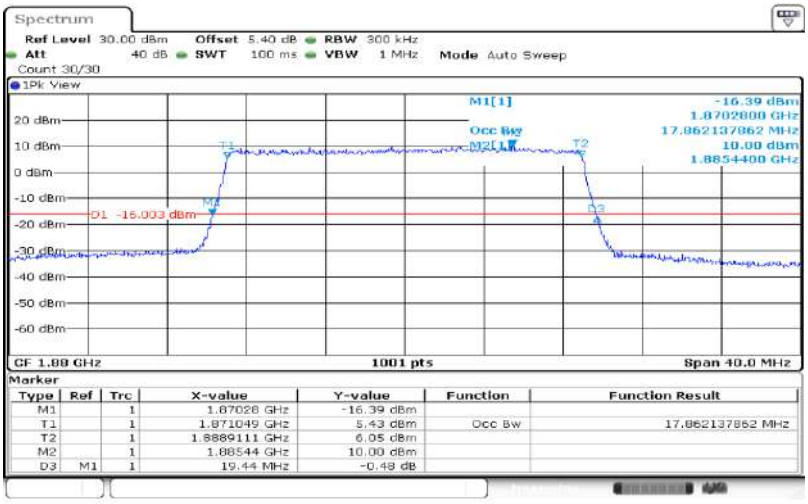

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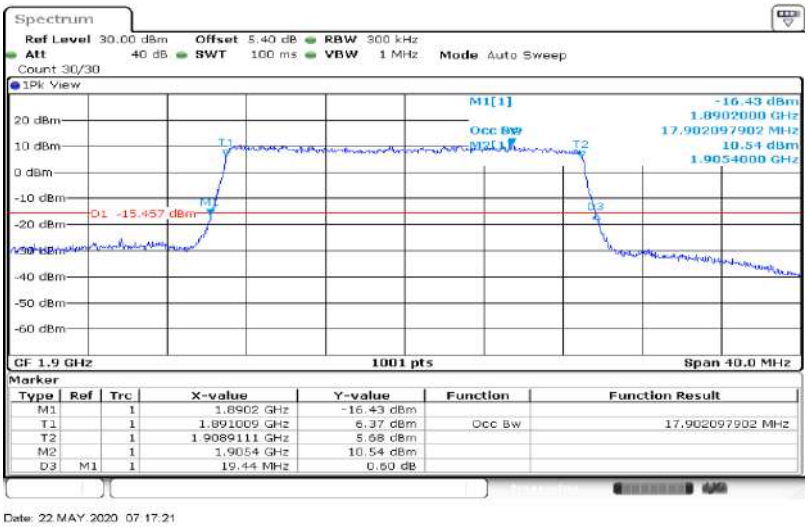

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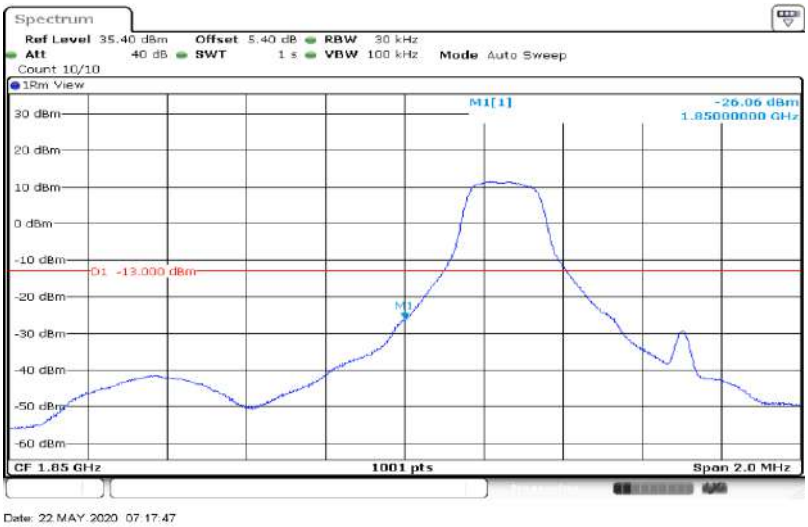
5. Band Edge Compliance

5.1. Test Plots

Band2-1.4MHz-QPSK-18607-1RB#0



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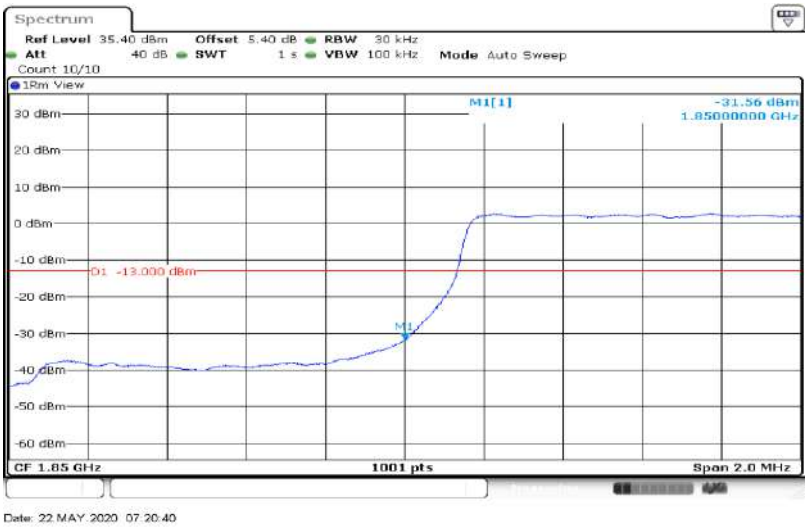

Band2-1.4MHz-QPSK-19193-1RB#5

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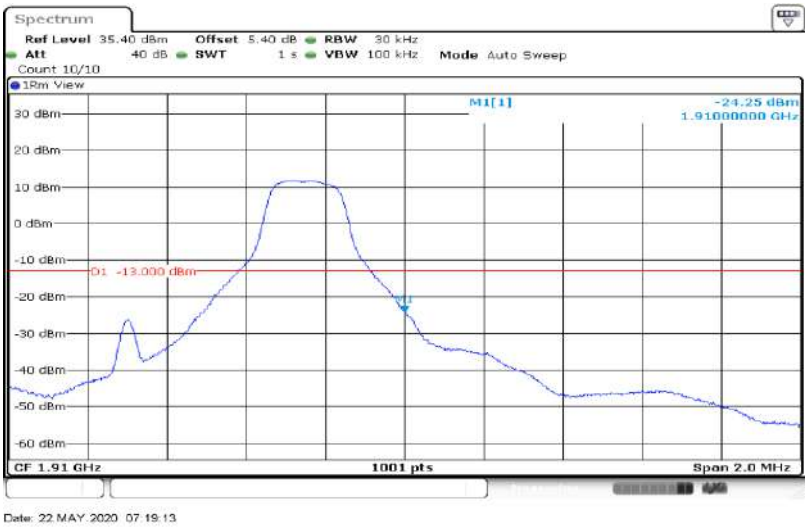

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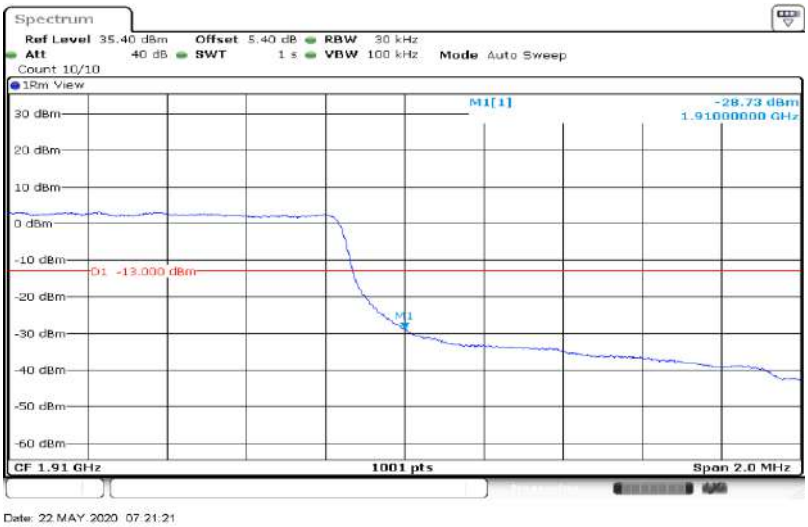

Band2-1.4MHz-64QAM-18607-1RB#0

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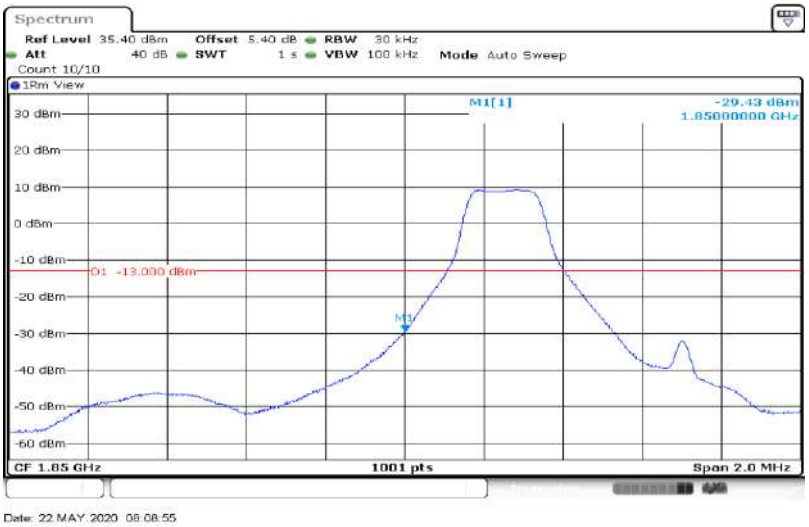

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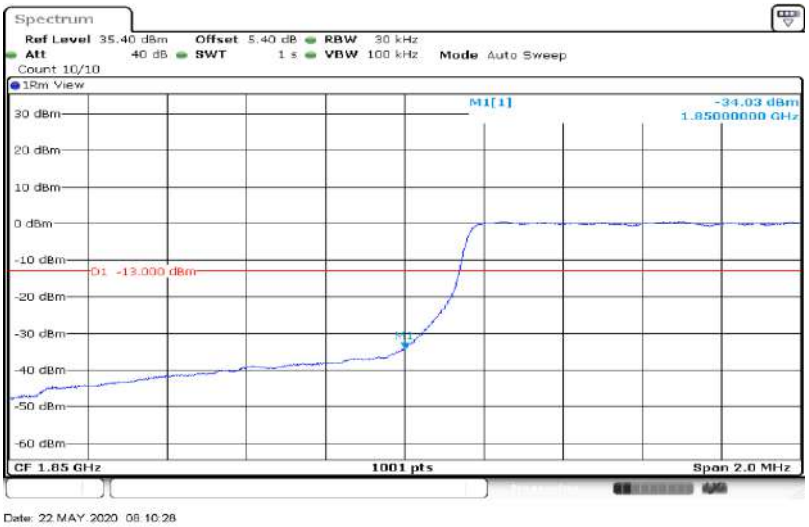

Band2-1.4MHz-64QAM-19193-1RB#5

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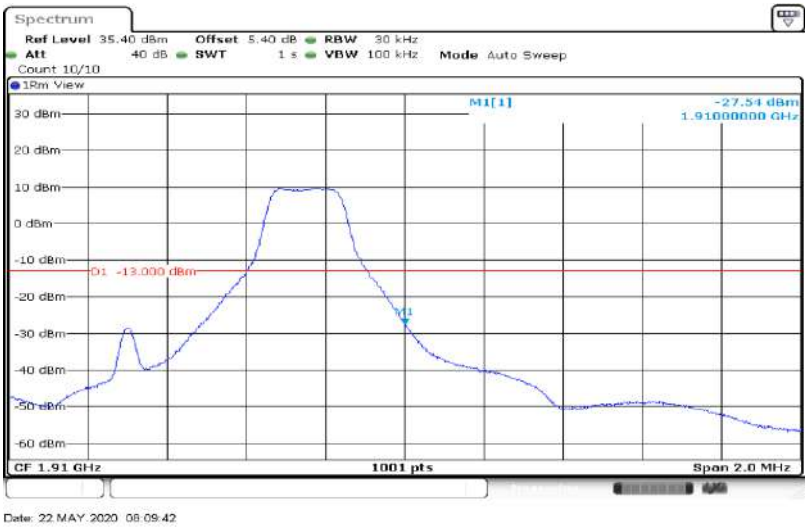

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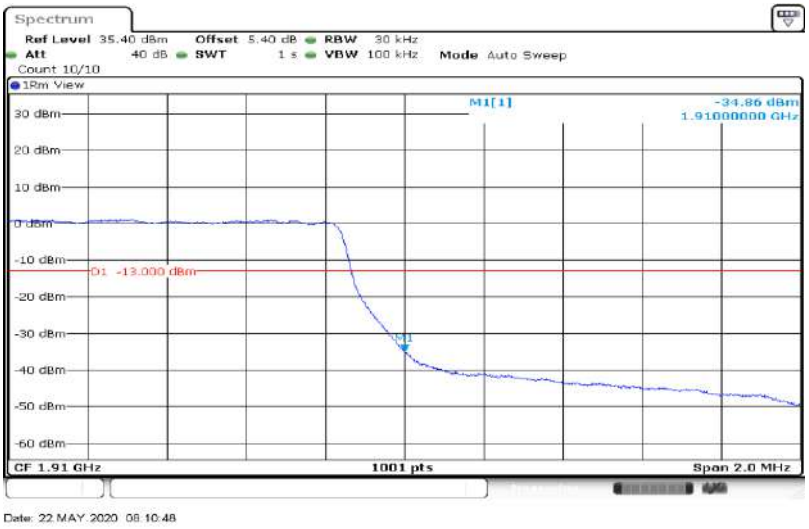

Band2-1.4MHz-16QAM-18607-1RB#0

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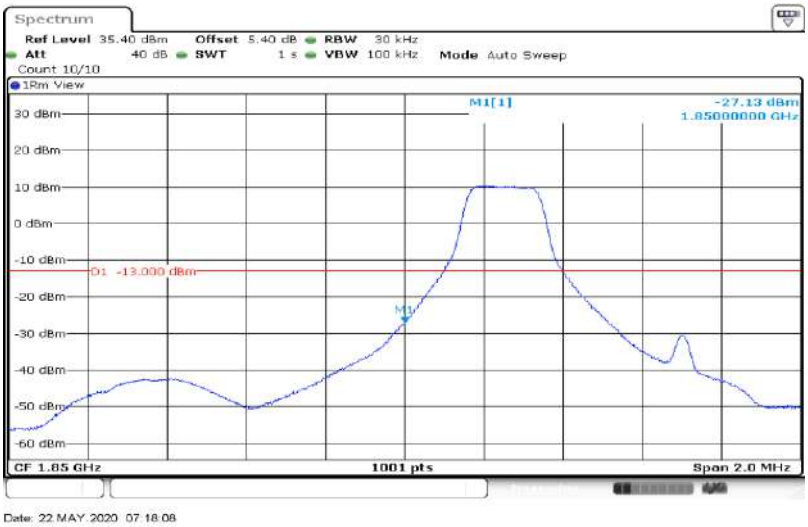

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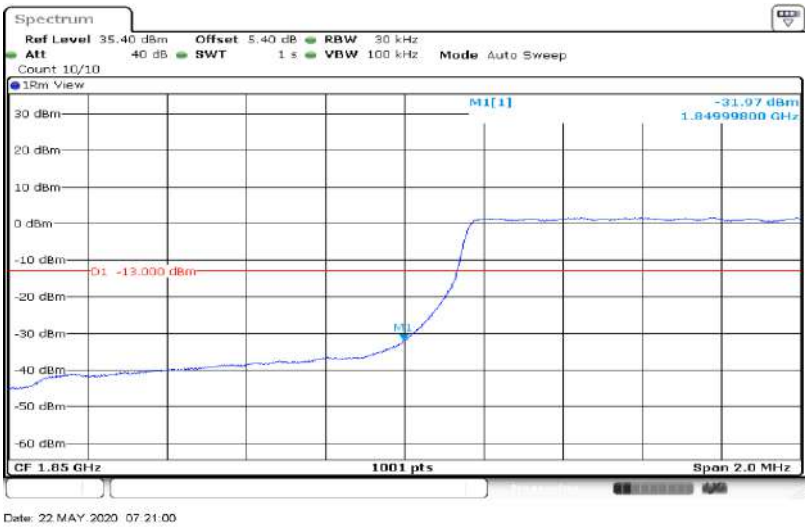

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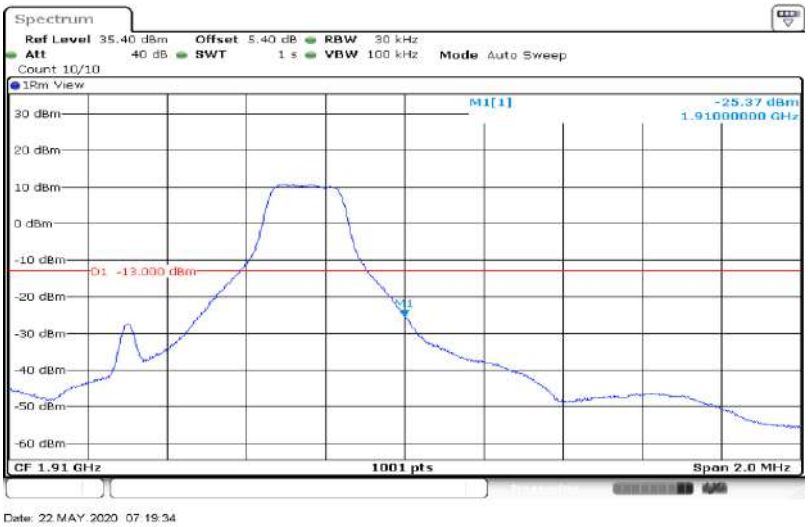

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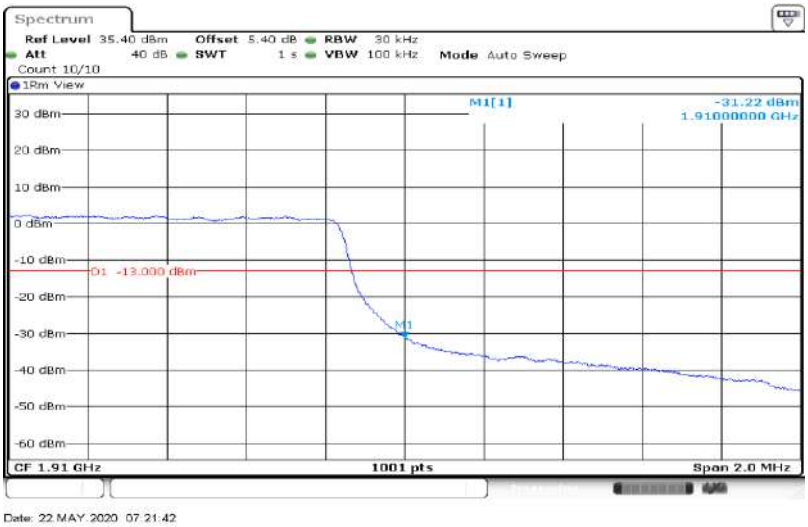

Band2-3MHz-QPSK-18615-1RB#0

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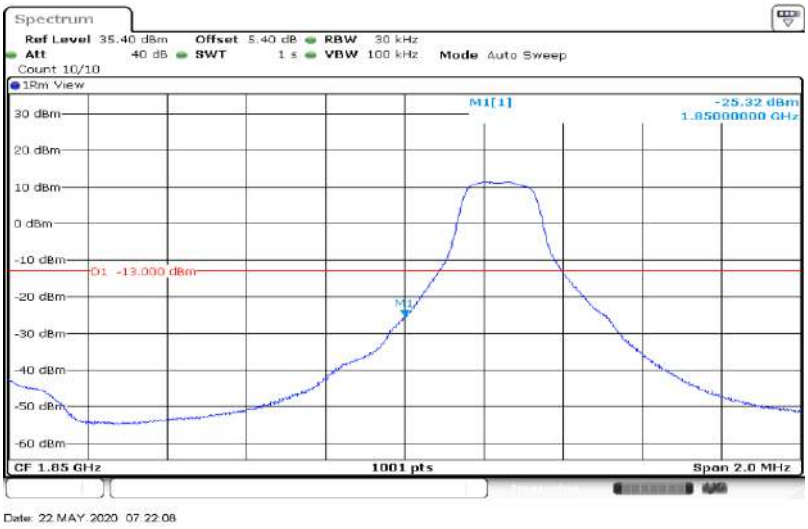

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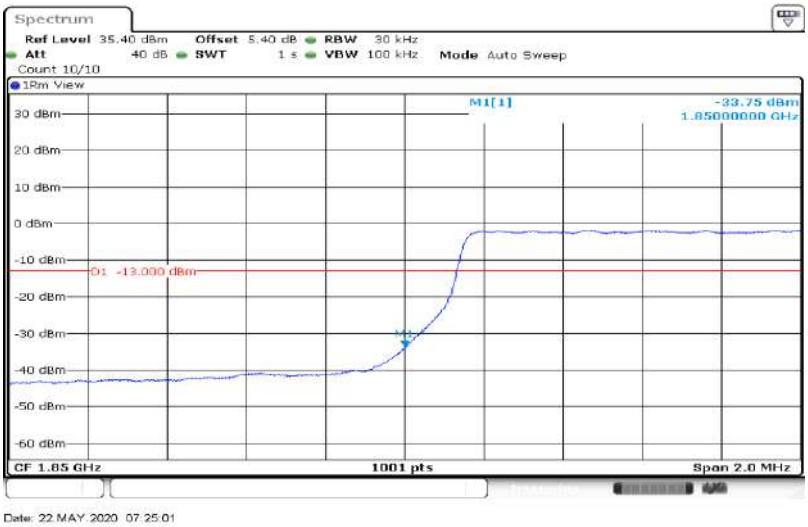

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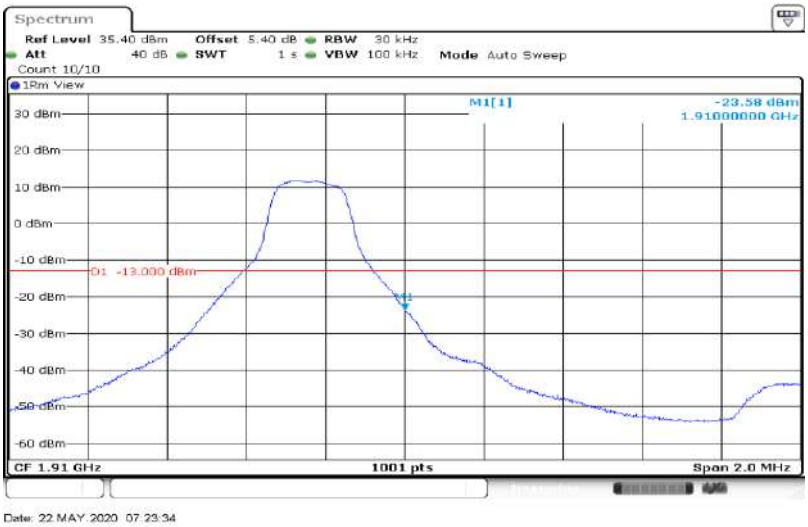

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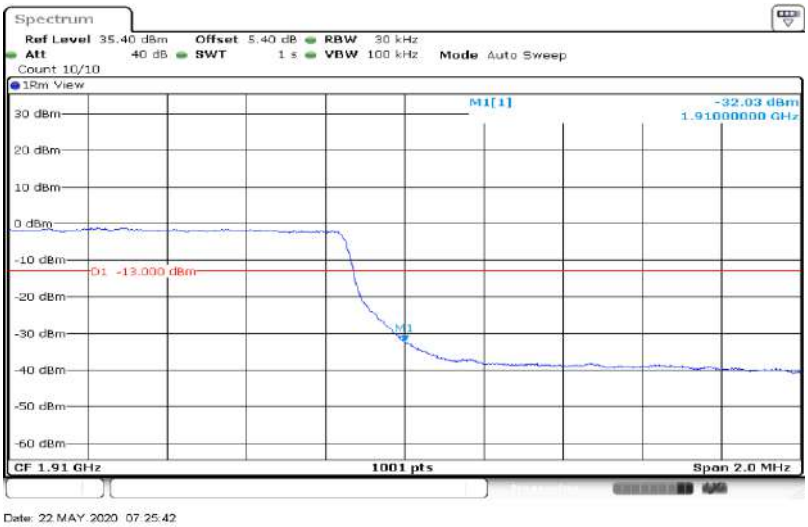

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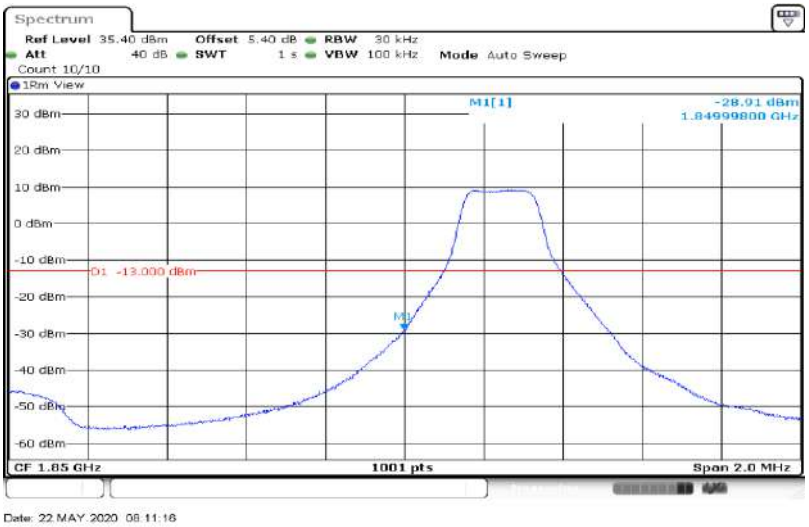

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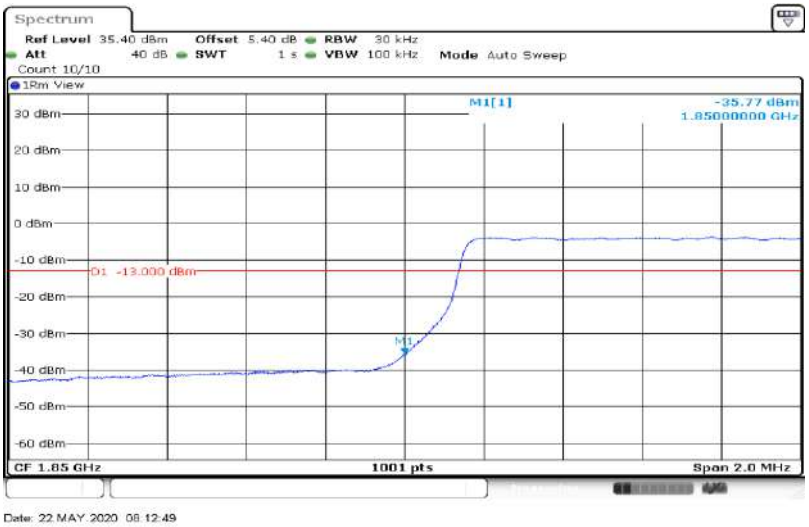

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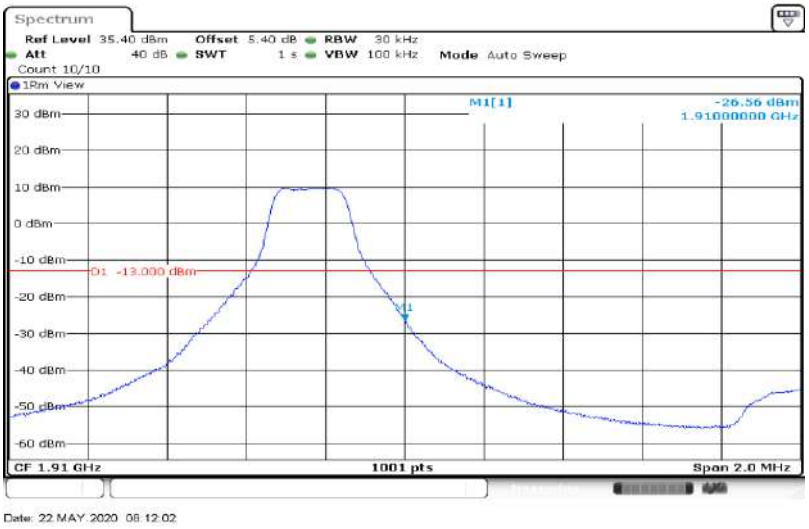

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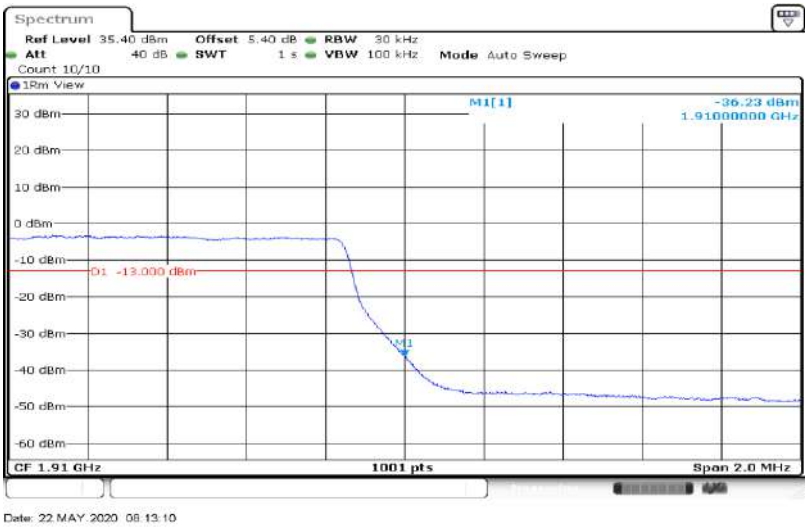

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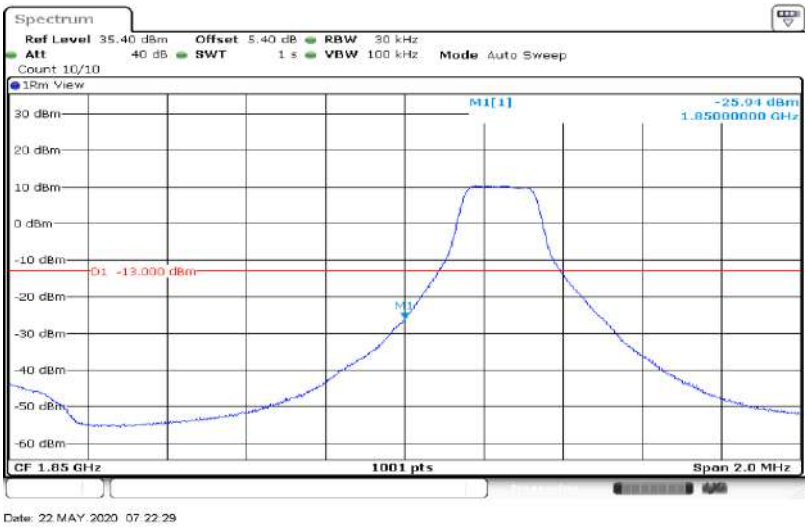

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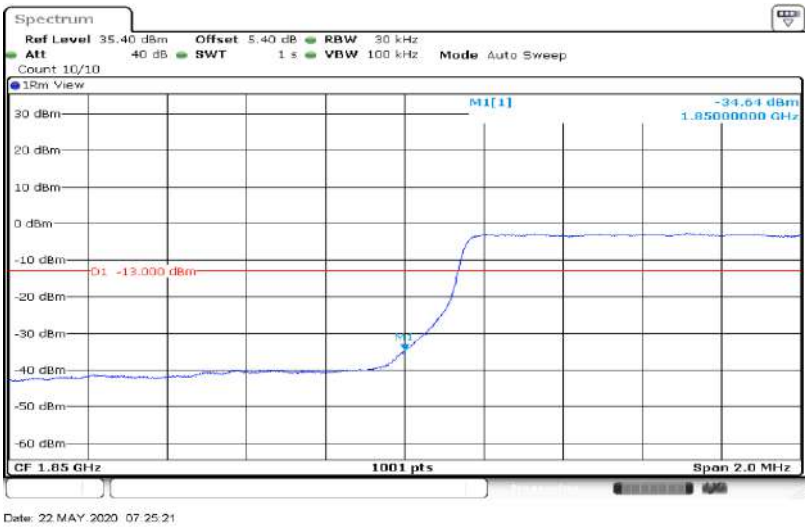

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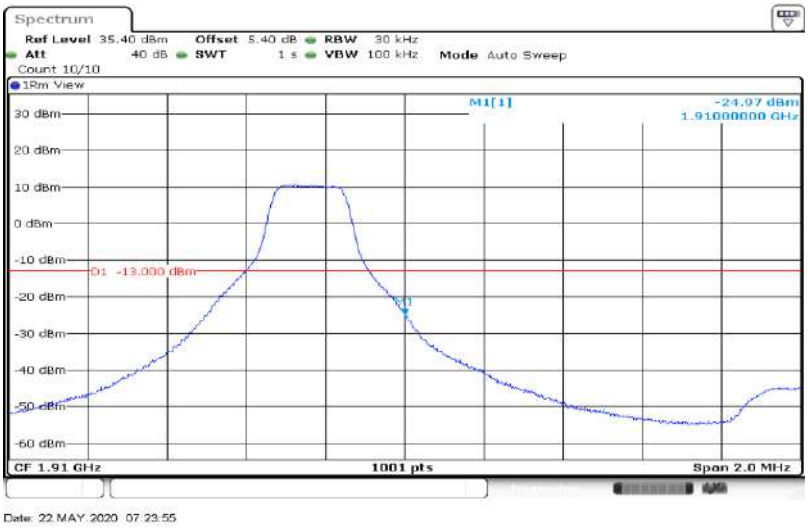

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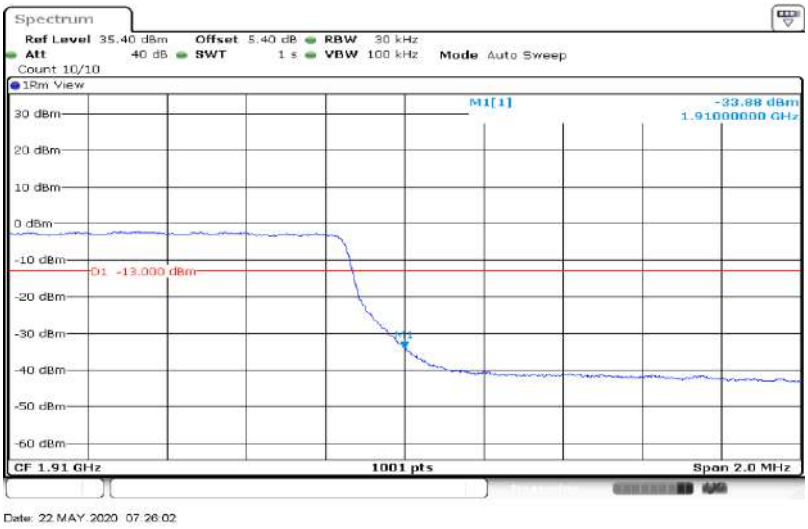

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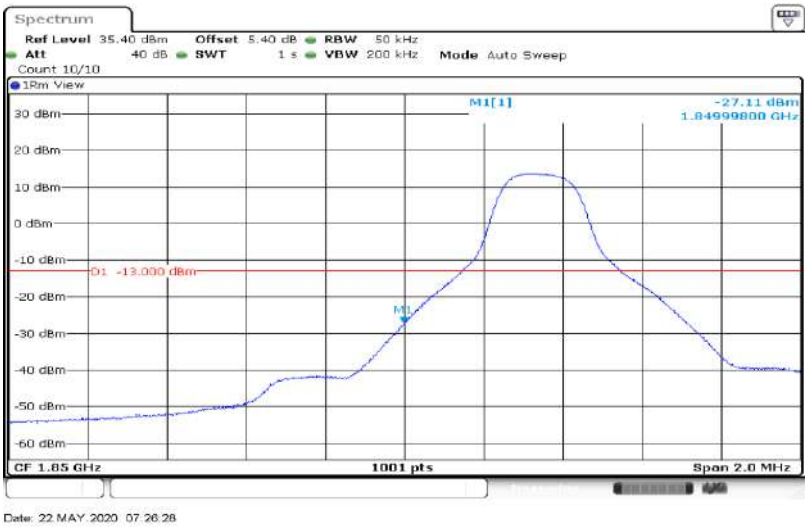

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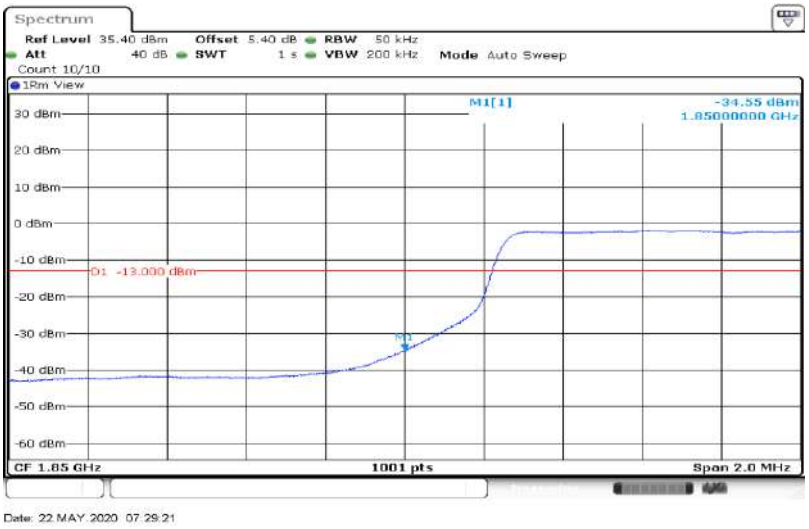

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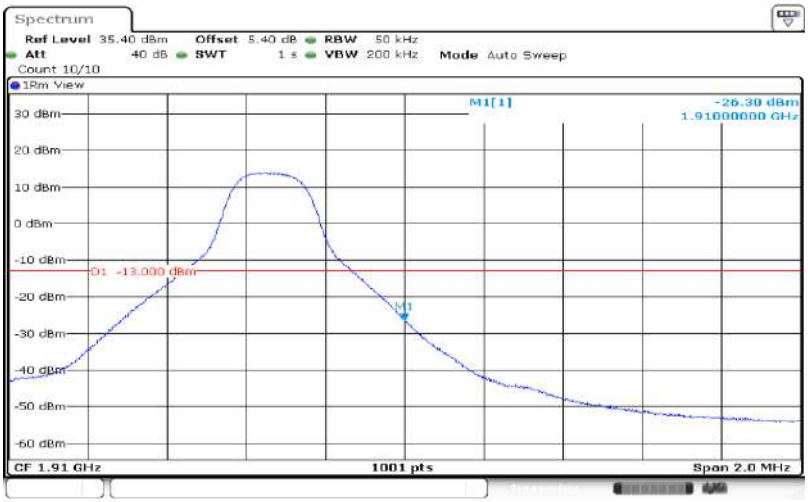

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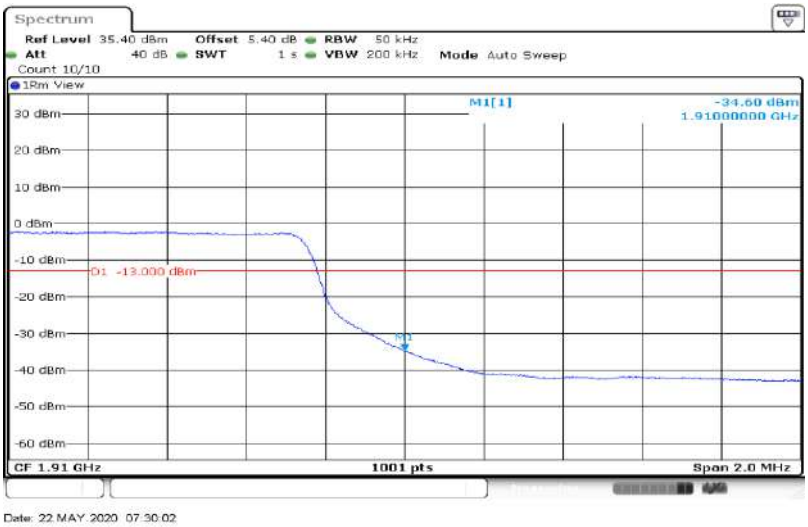

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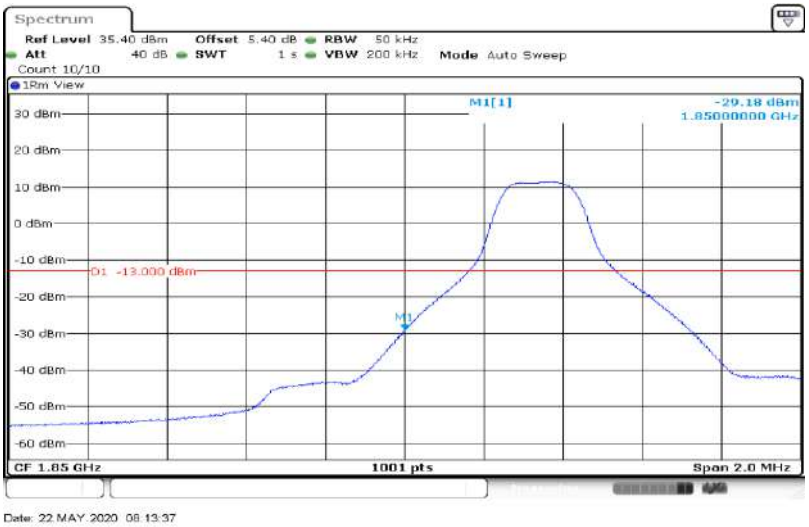

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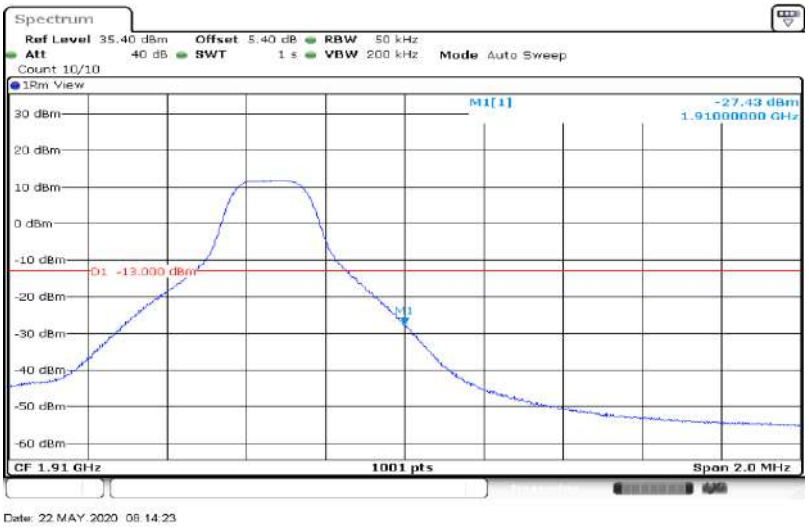

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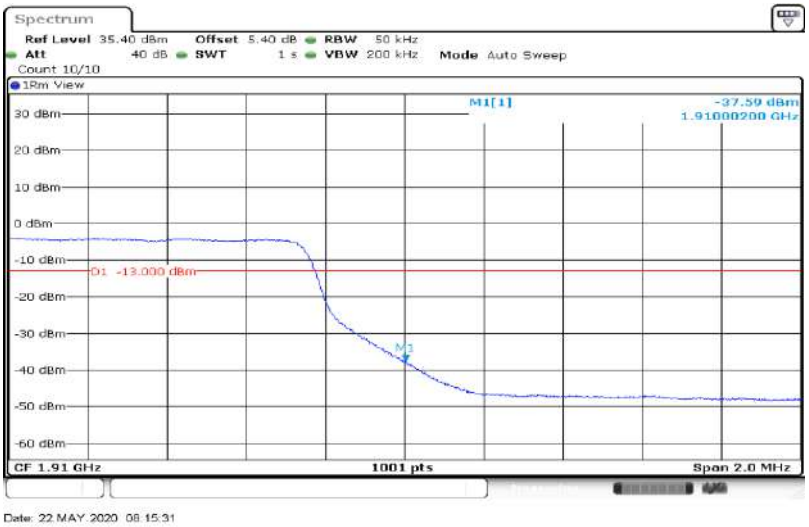

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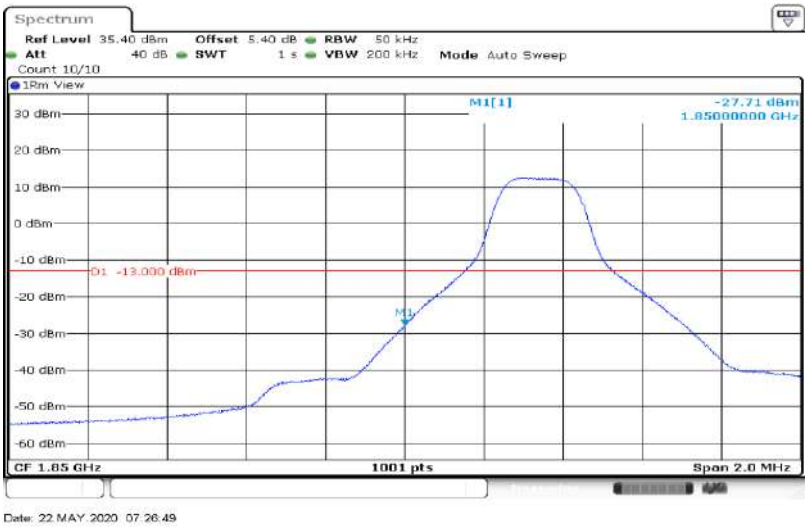

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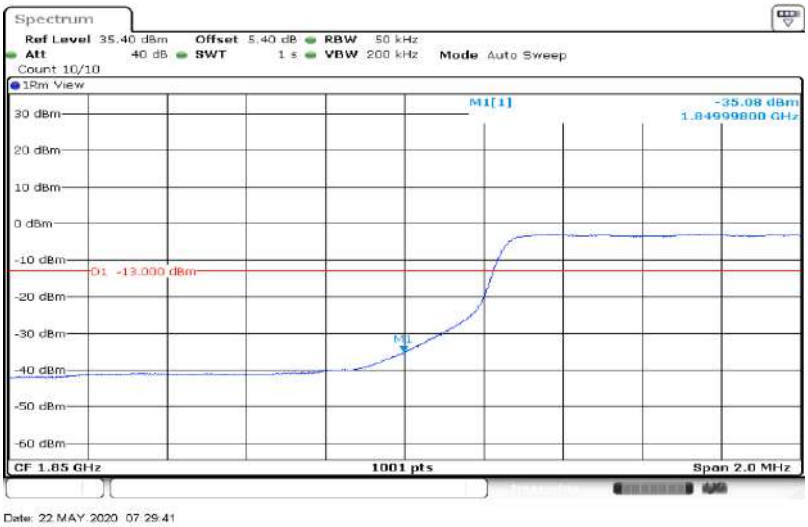

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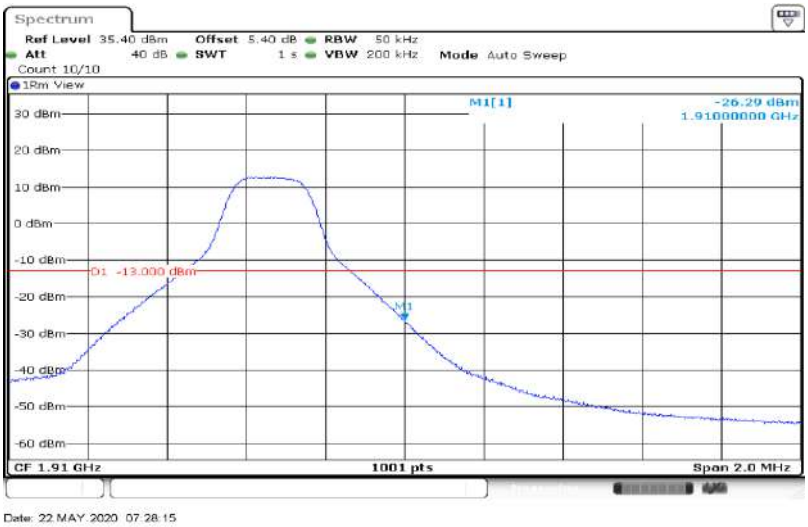

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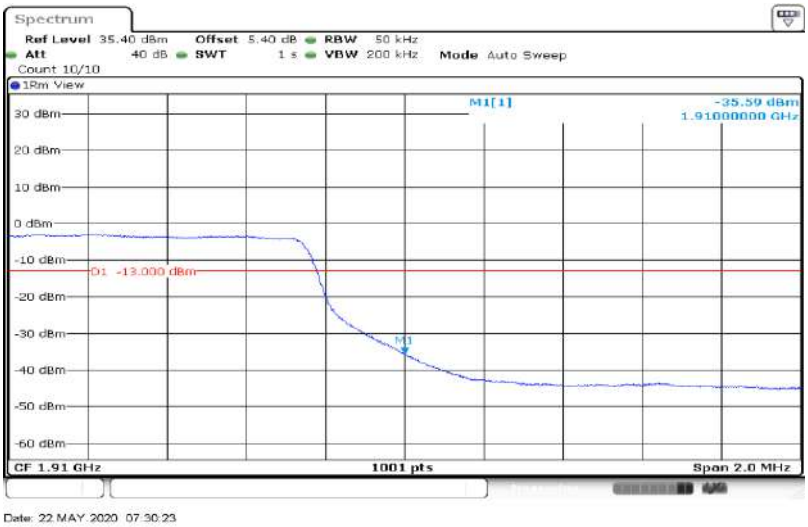

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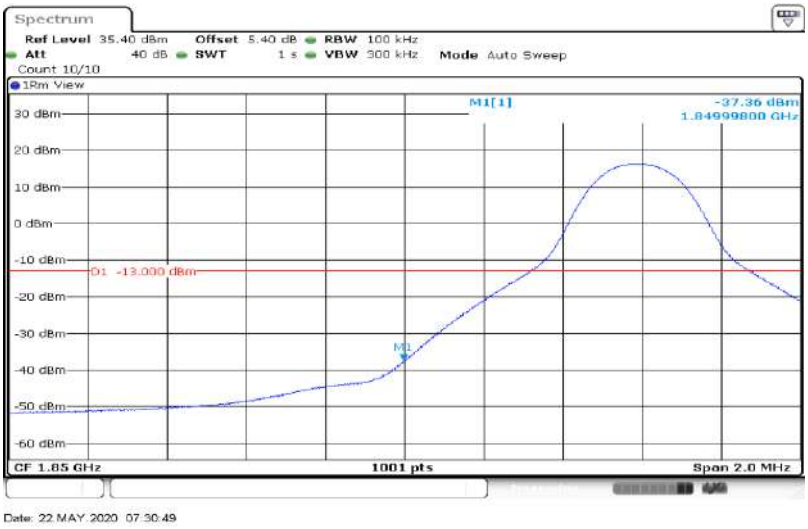

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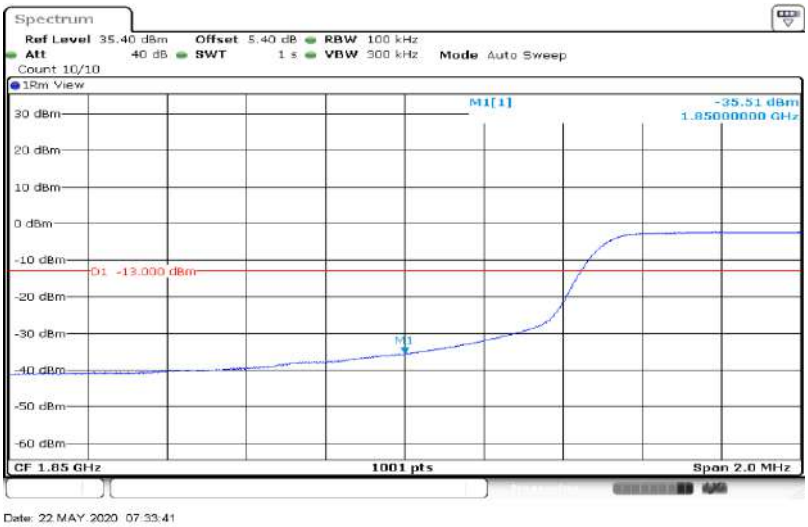

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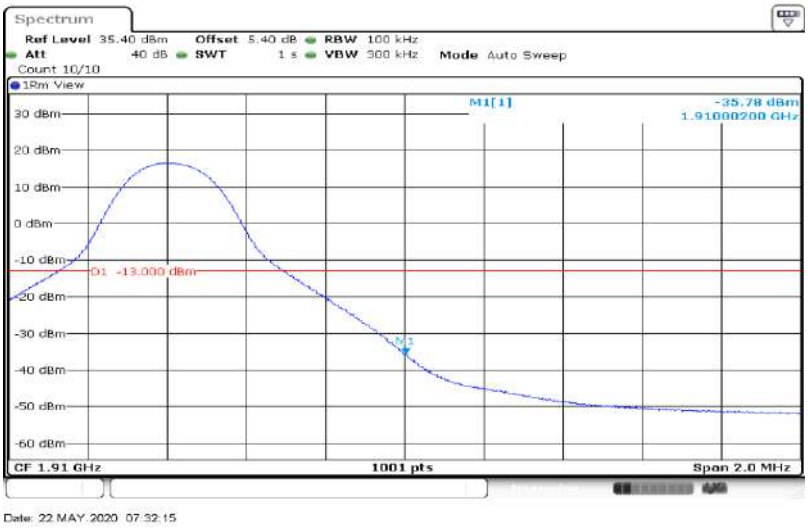

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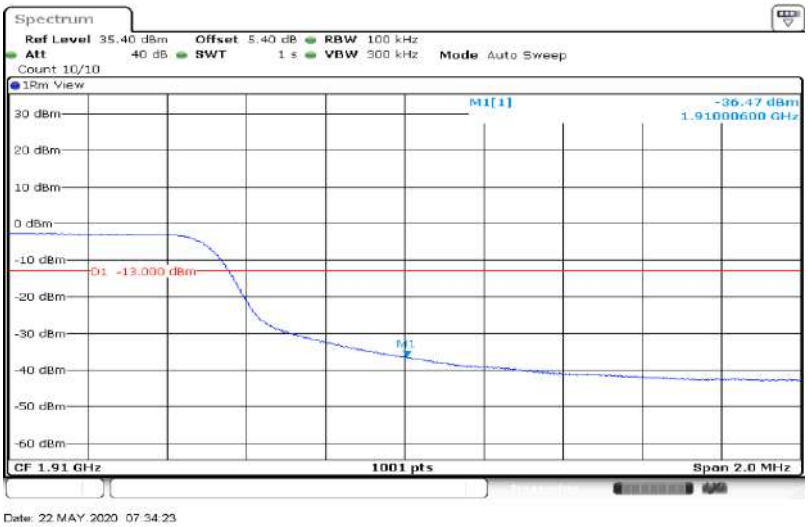

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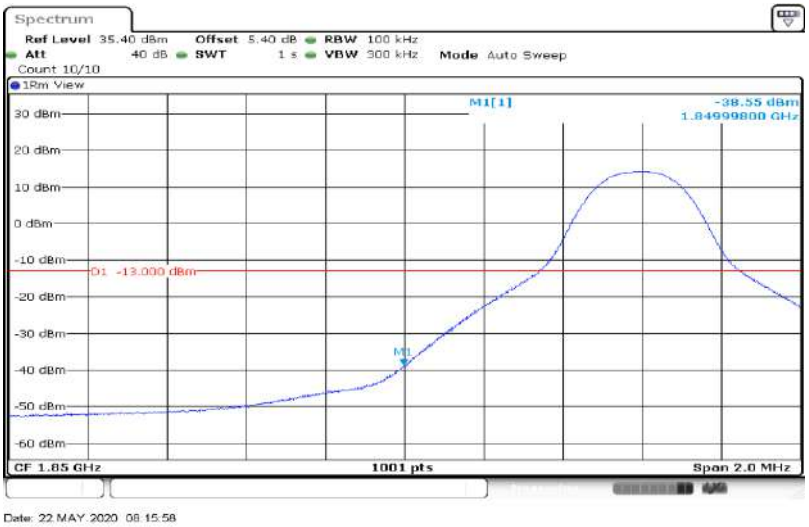

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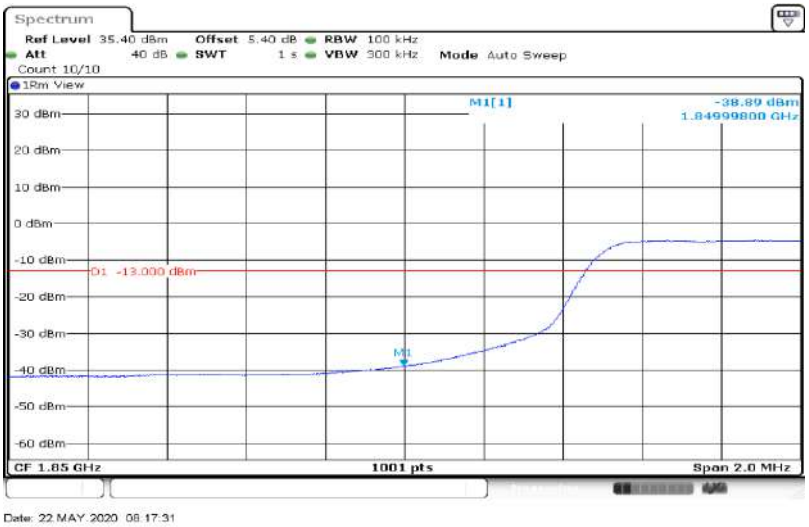

Band2-10MHz-64QAM-19150-1RB#49

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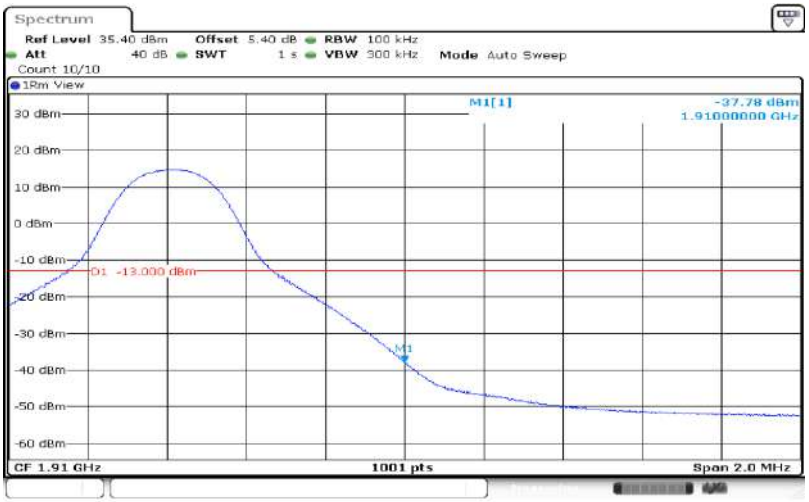

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Band2-10MHz-64QAM-19150-50RB#0

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Band2-10MHz-16QAM-18650-1RB#0

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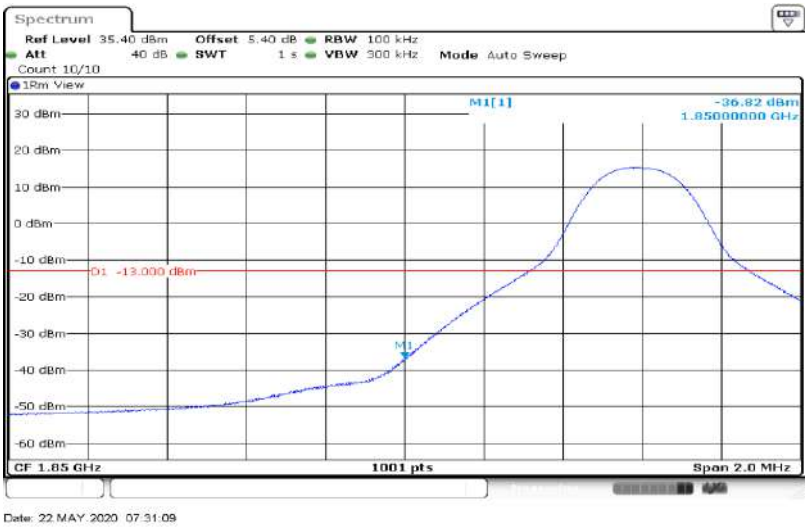

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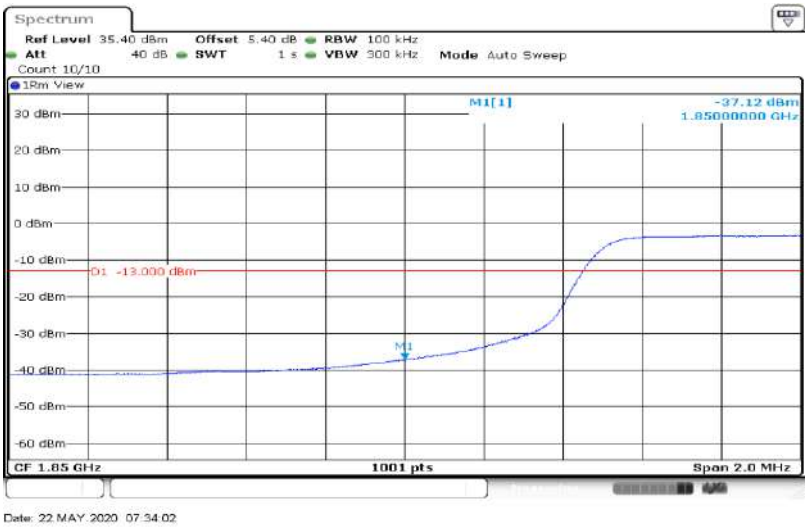

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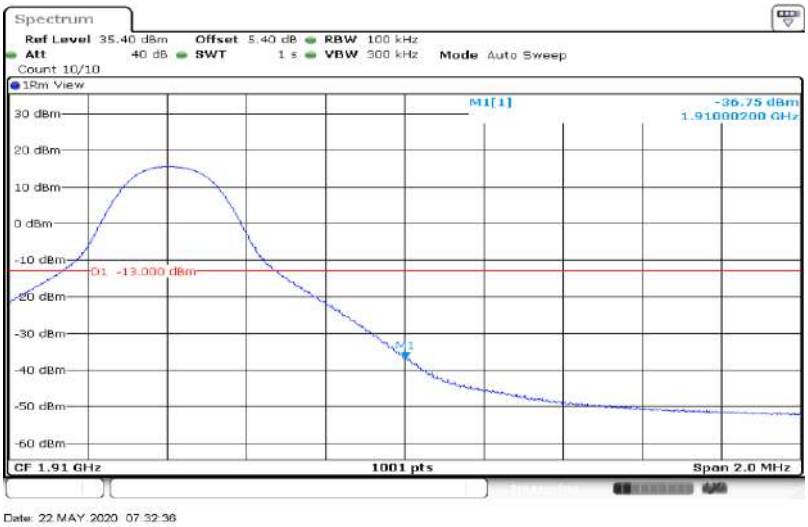

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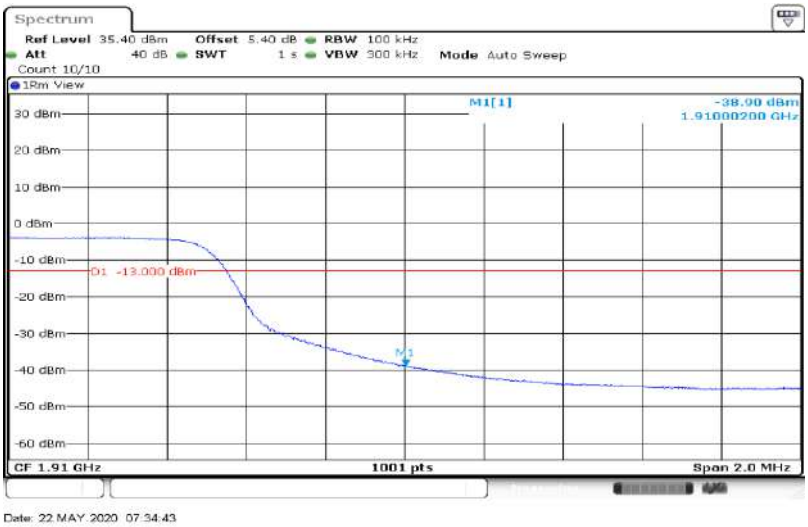

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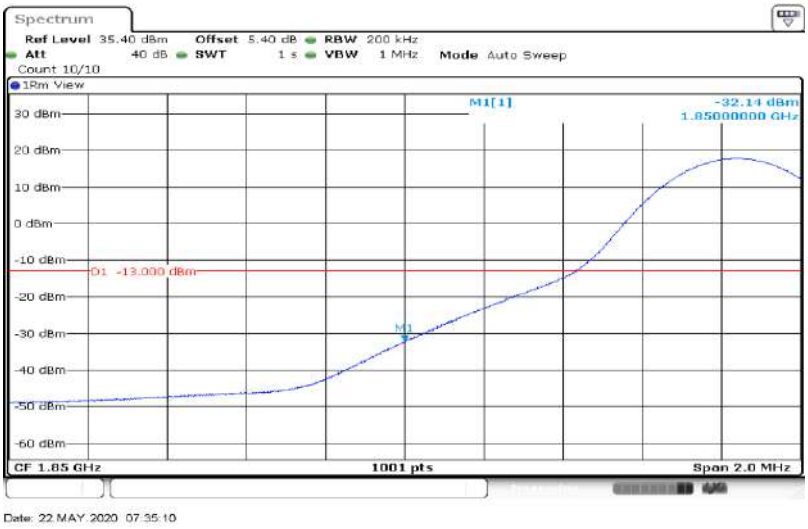

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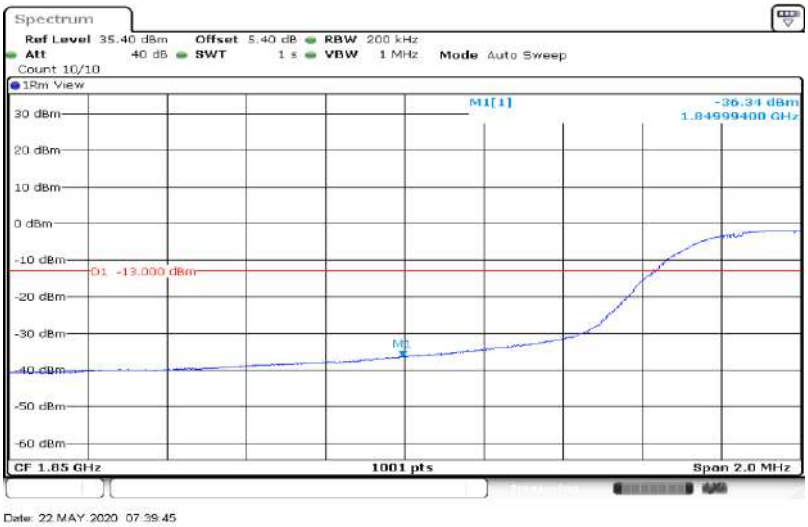

Band2-15MHz-QPSK-19125-1RB#74

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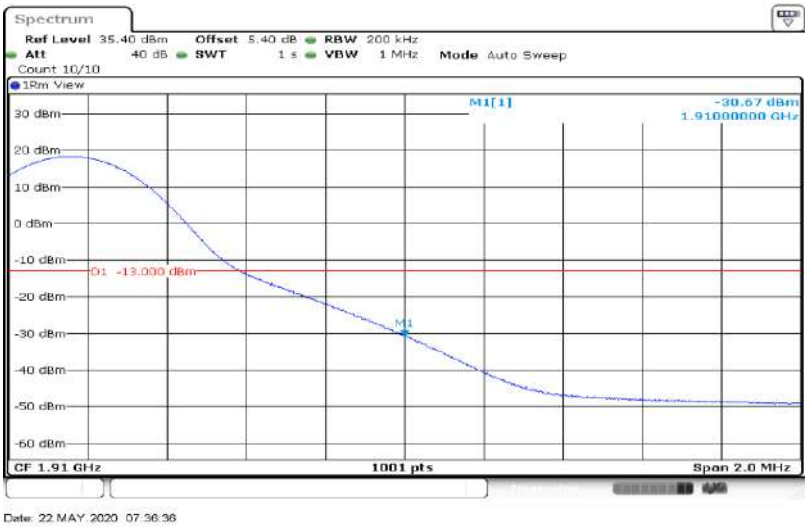

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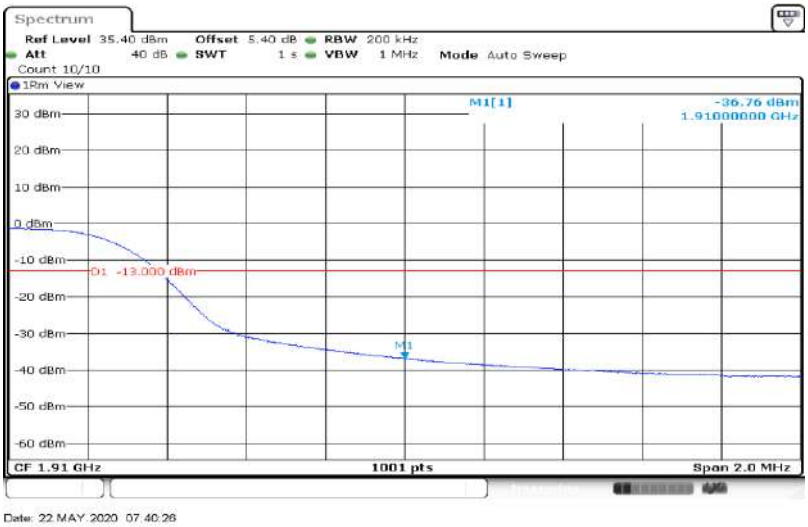

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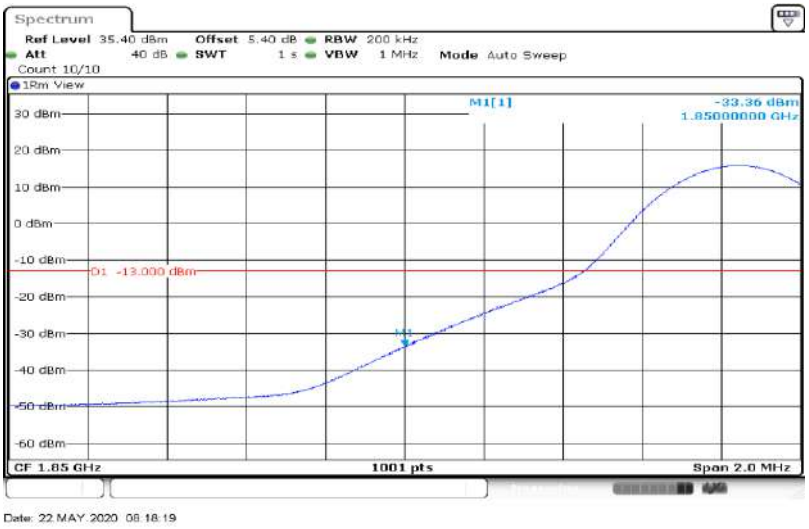

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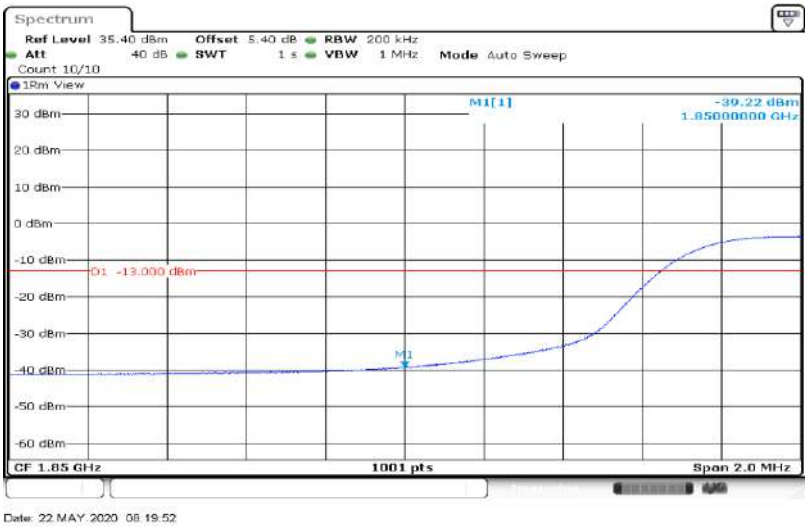

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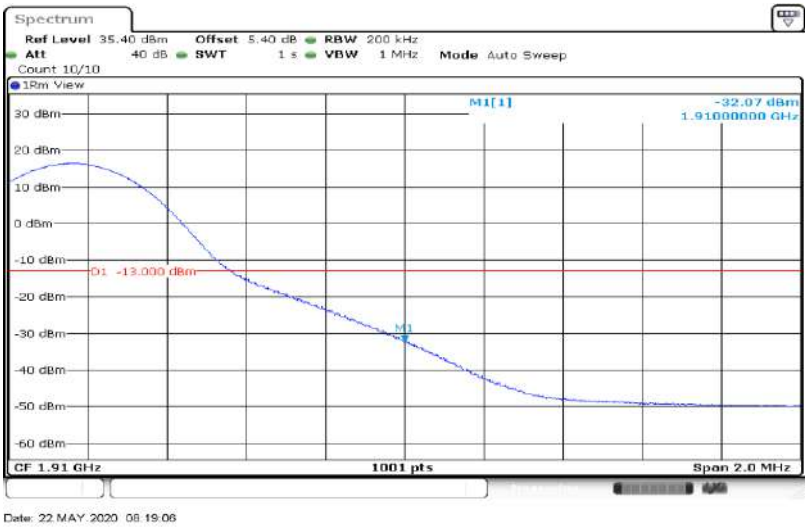

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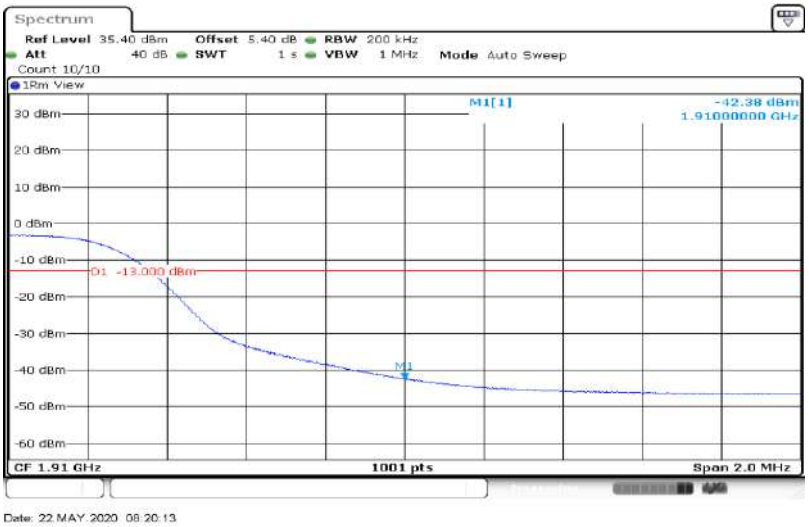

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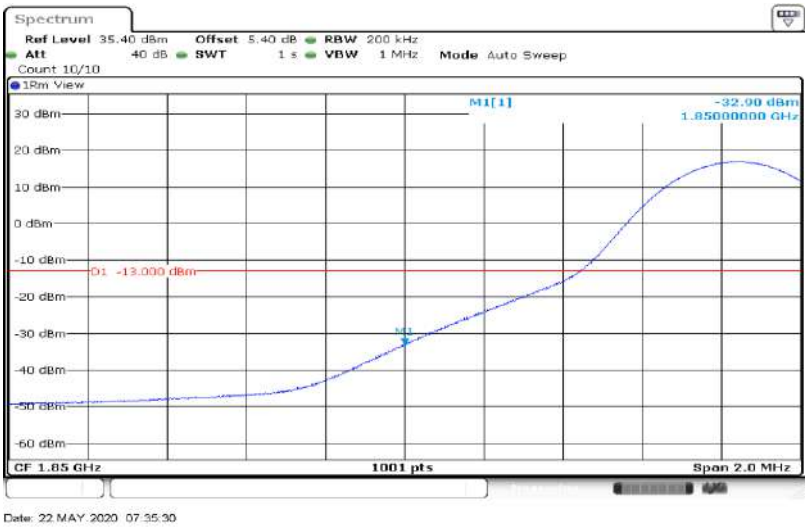

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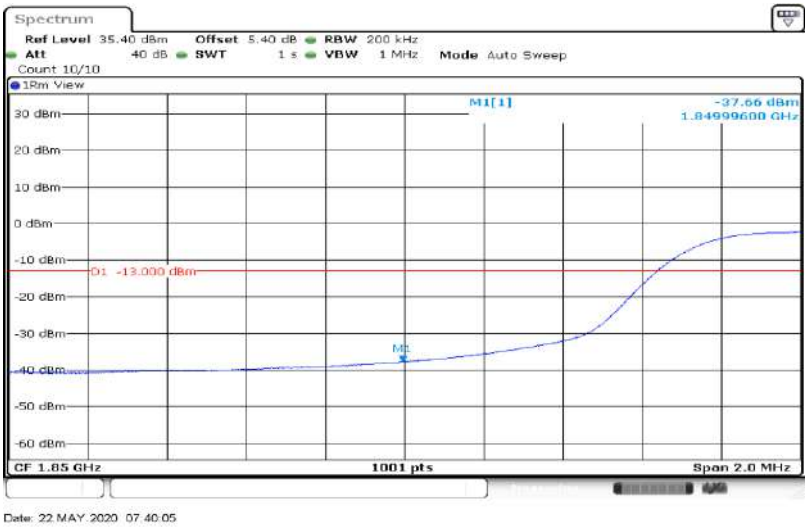

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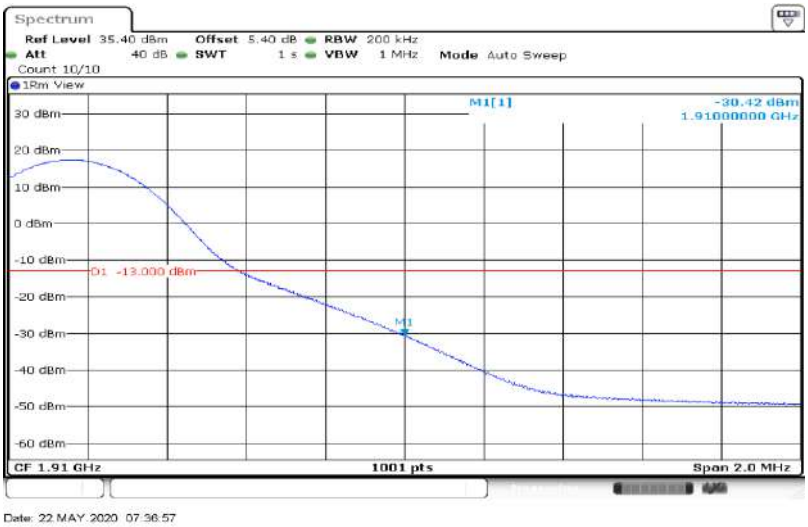

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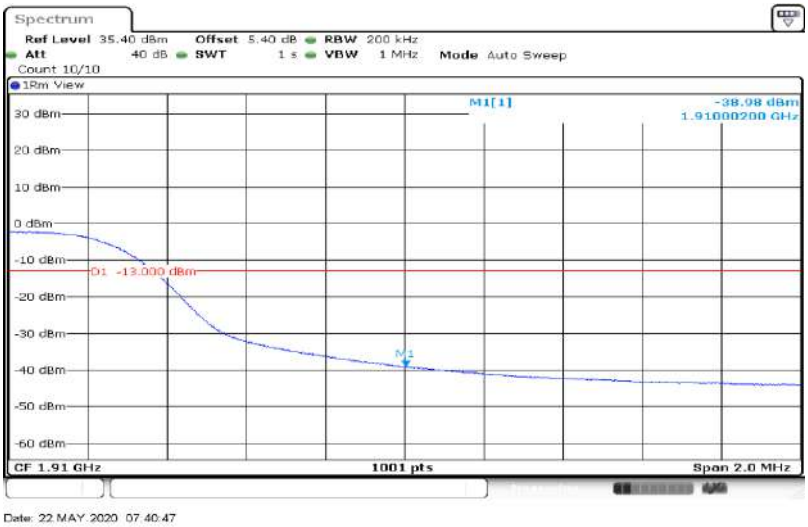

Band2-20MHz-QPSK-18700-1RB#0

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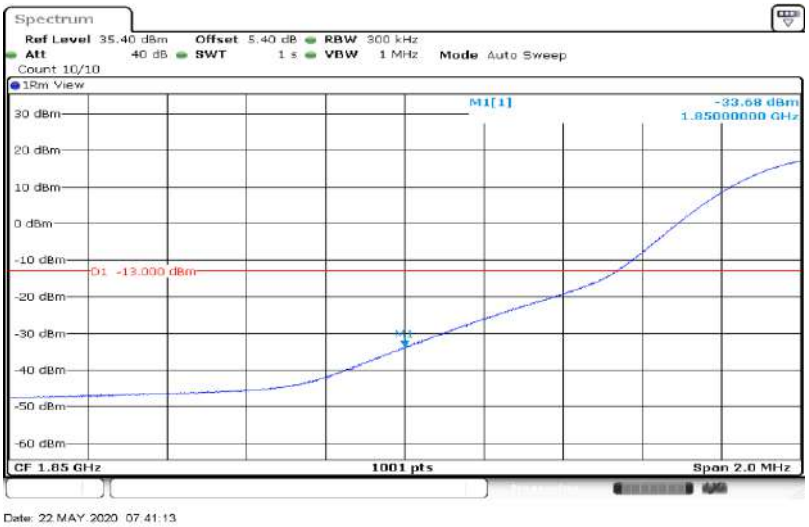

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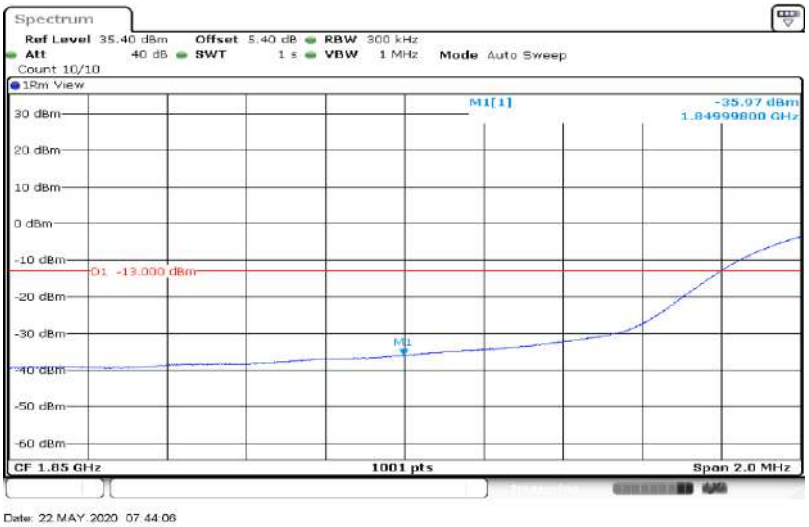

Band2-20MHz-QPSK-19100-1RB#99

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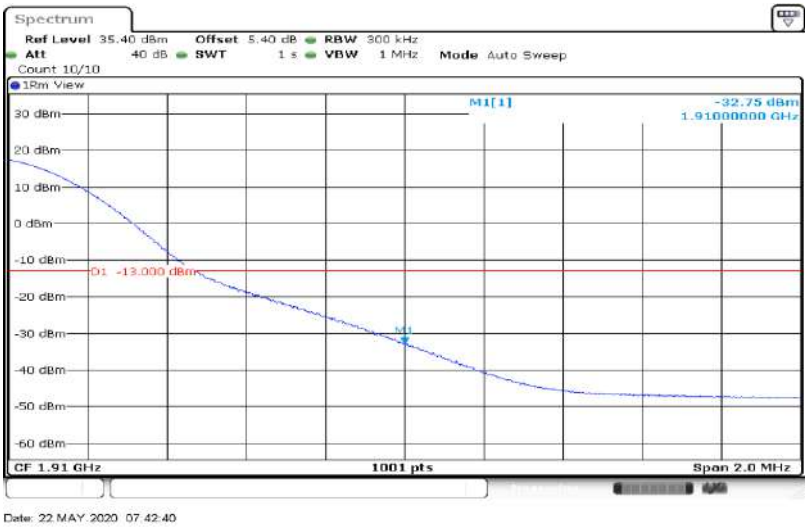
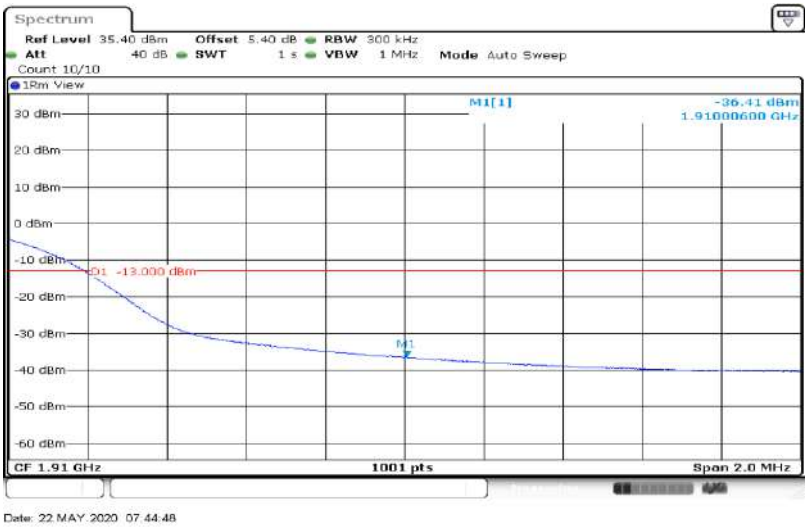


Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-64QAM-18700-1RB#0

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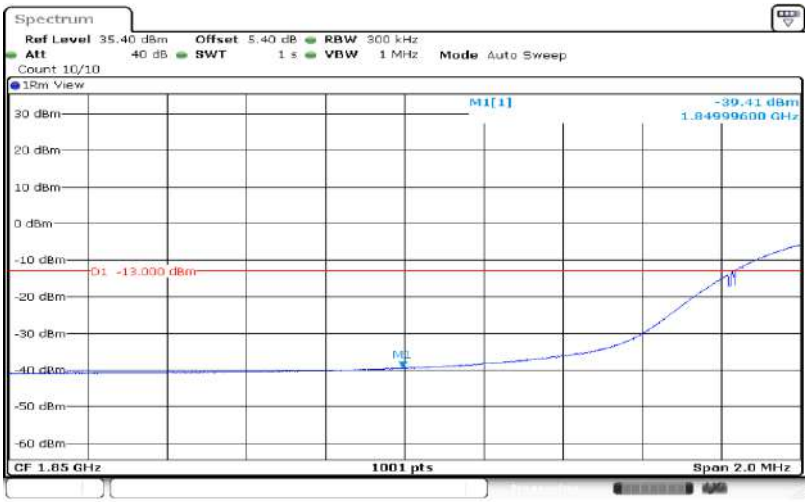
Band2-20MHz-64QAM-18700-100RB#0



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Band2-20MHz-64QAM-19100-1RB#99

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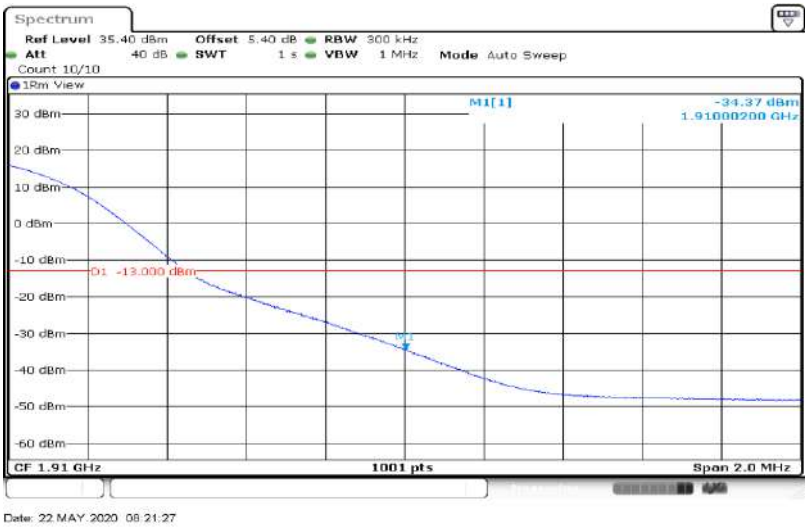
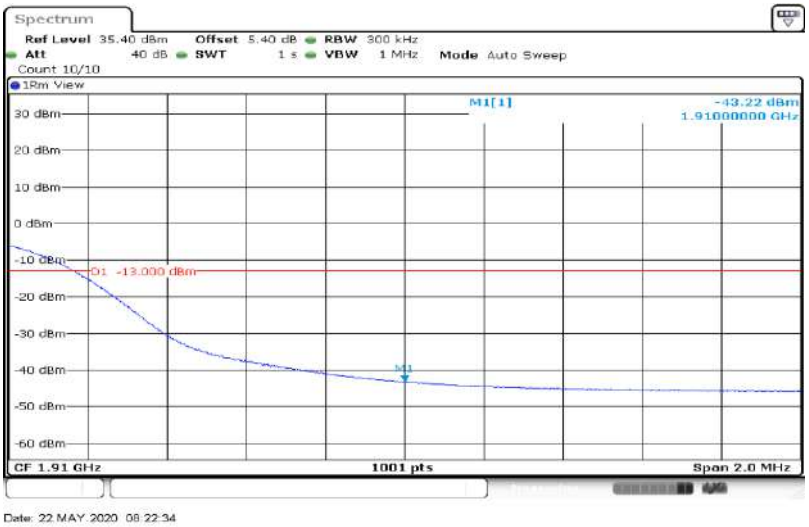


Band2-20MHz-64QAM-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0

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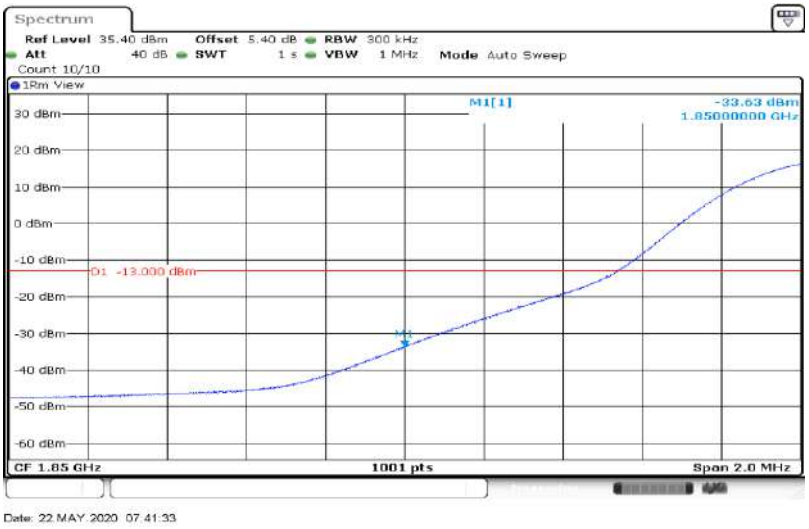

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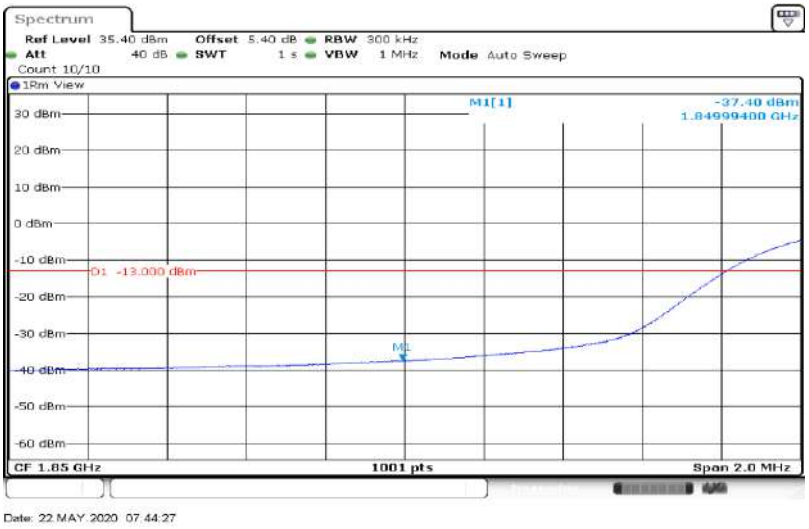

Band2-20MHz-16QAM-19100-1RB#99

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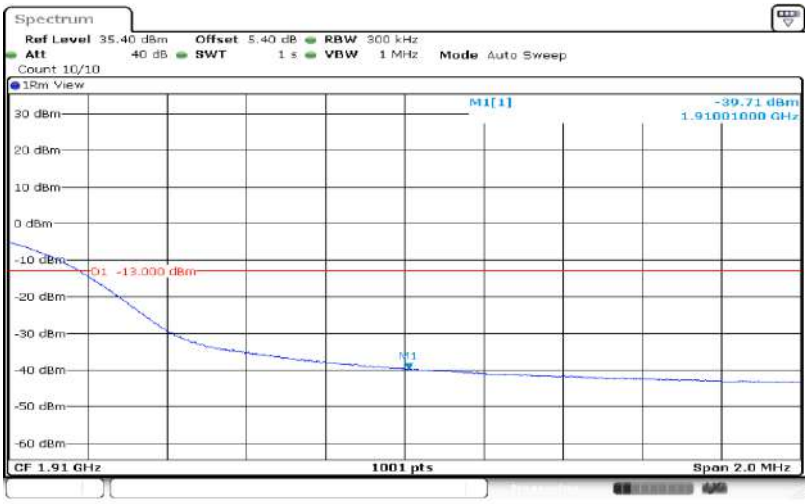
Band2-20MHz-16QAM-19100-100RB#0



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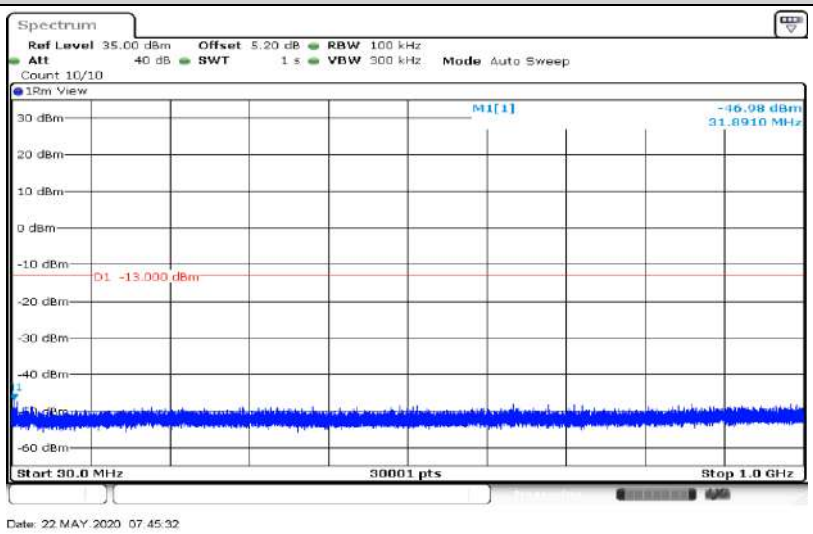
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

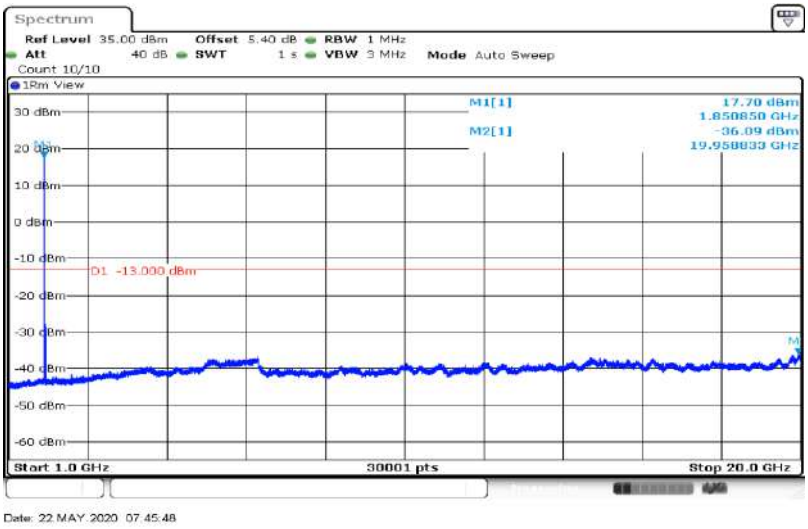
Remark2: only the worst case data displayed in this report.

6.1. Test Plots

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

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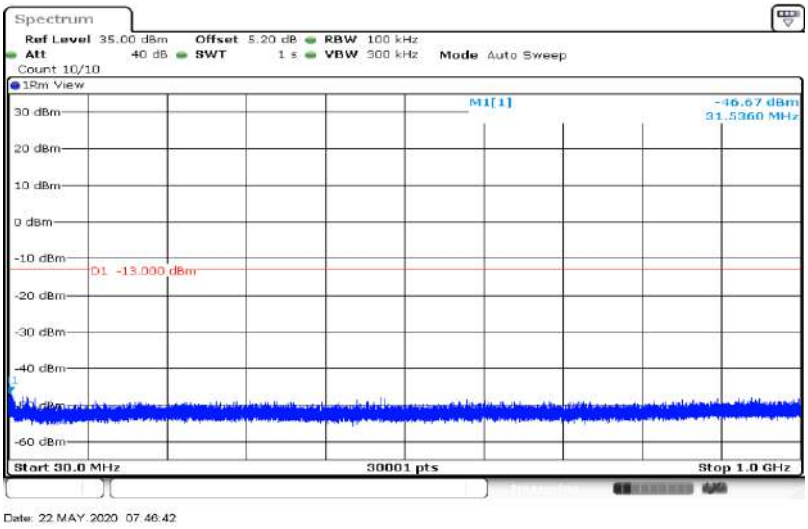

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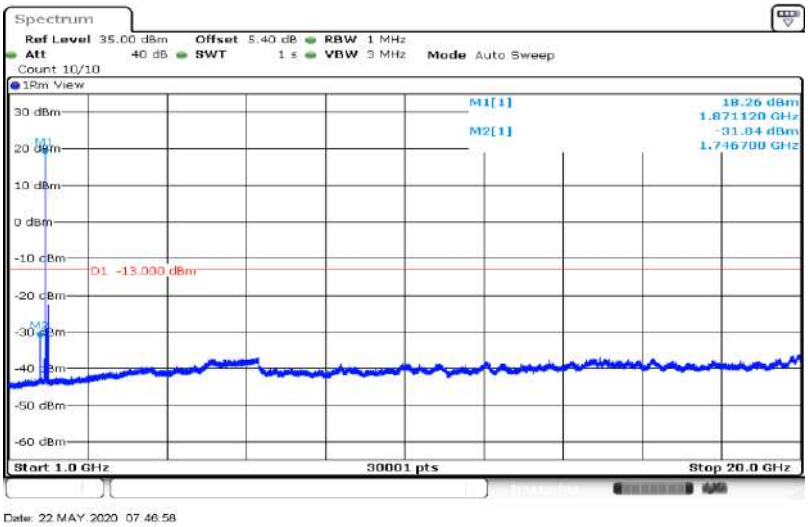

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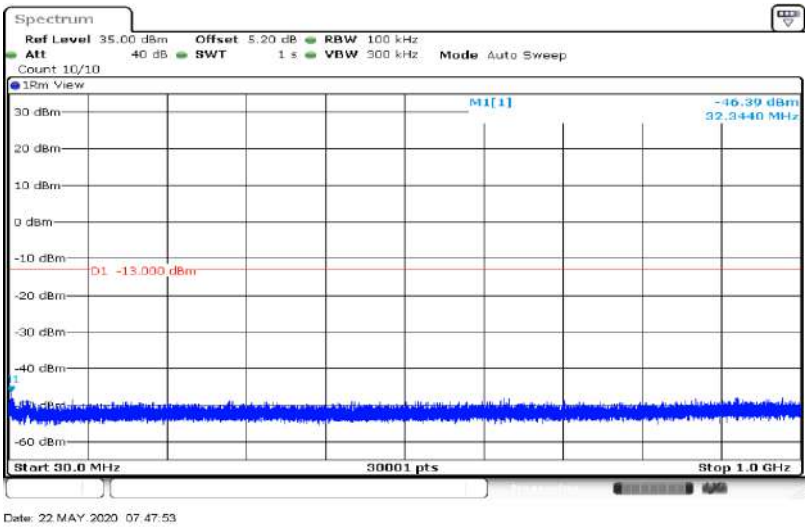

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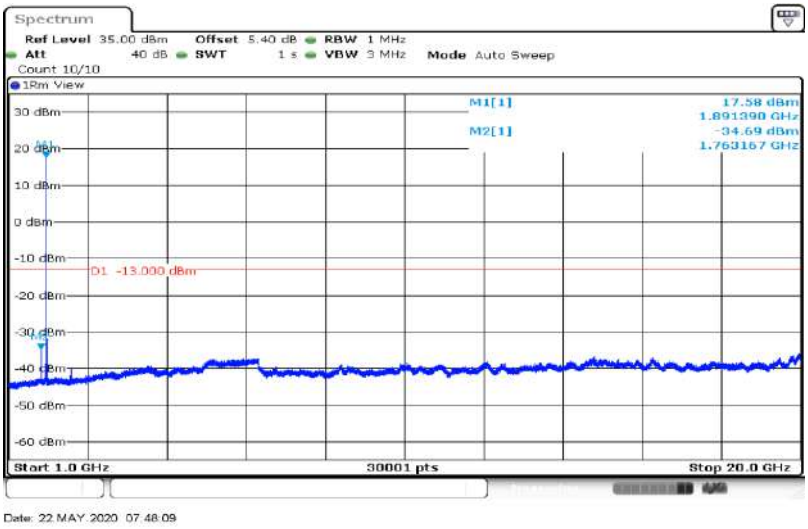

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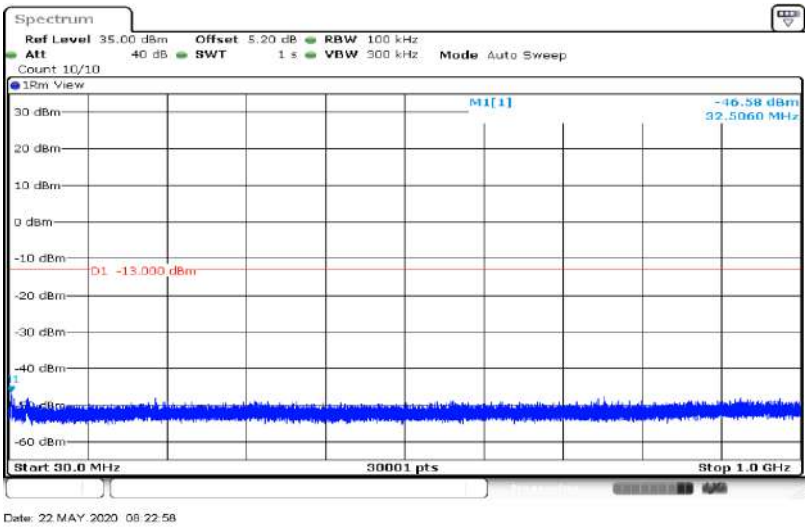

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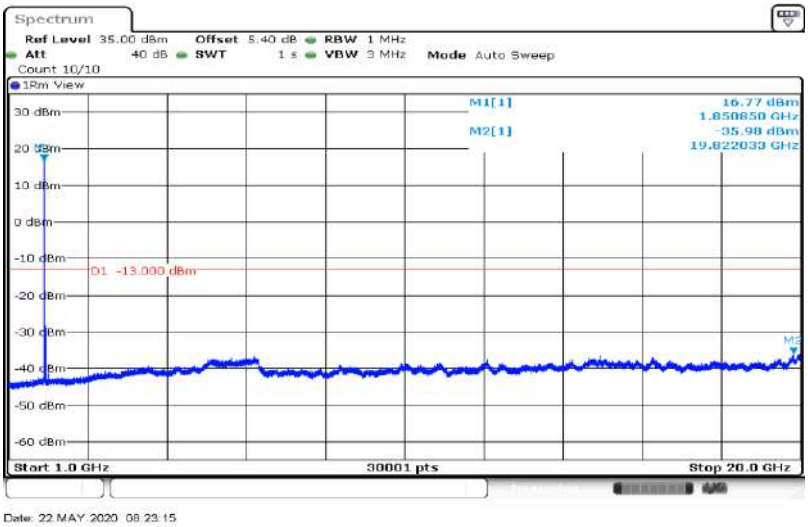

Band2-20MHz-64QAM-18900-1RB#0-Range1:30~1000MHz

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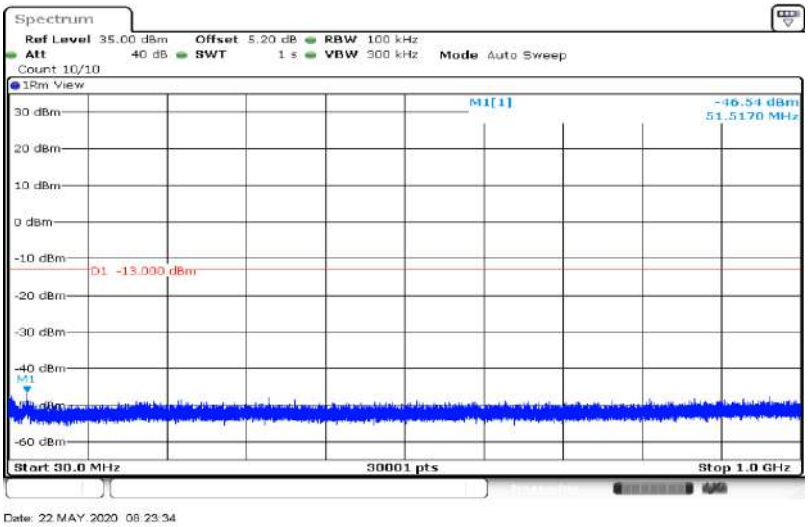

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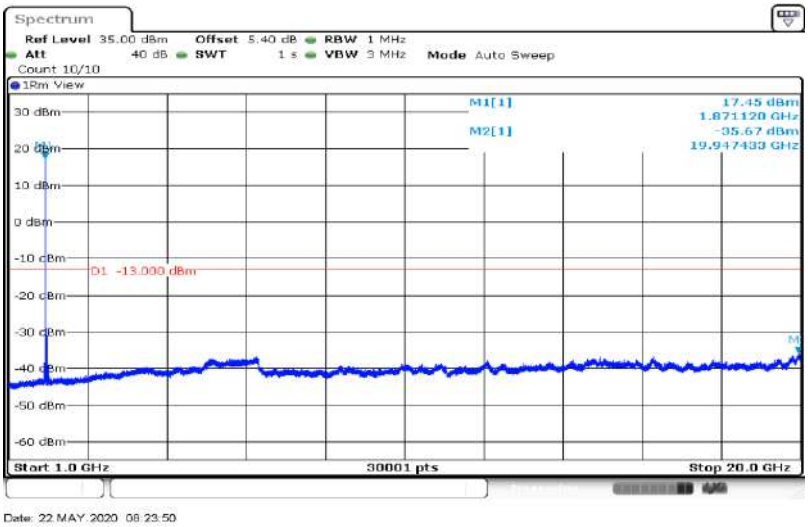

Band2-20MHz-64QAM-19100-1RB#0-Range1:30~1000MHz

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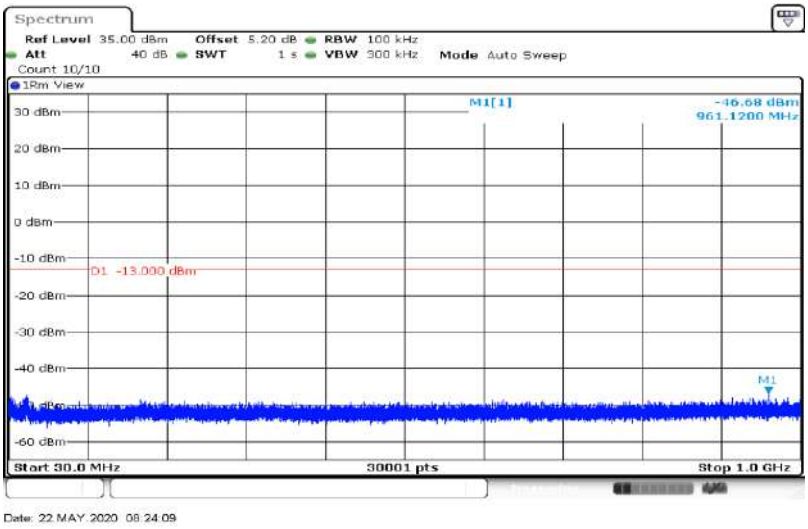
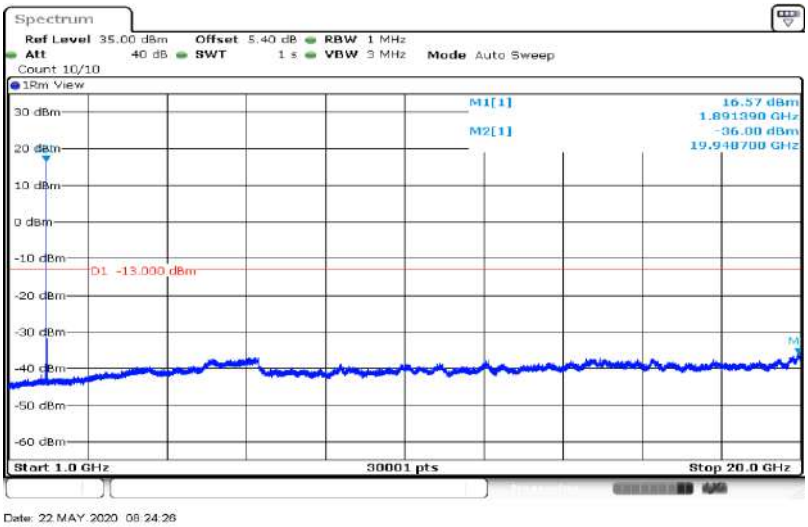


Band2-20MHz-64QAM-19100-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz

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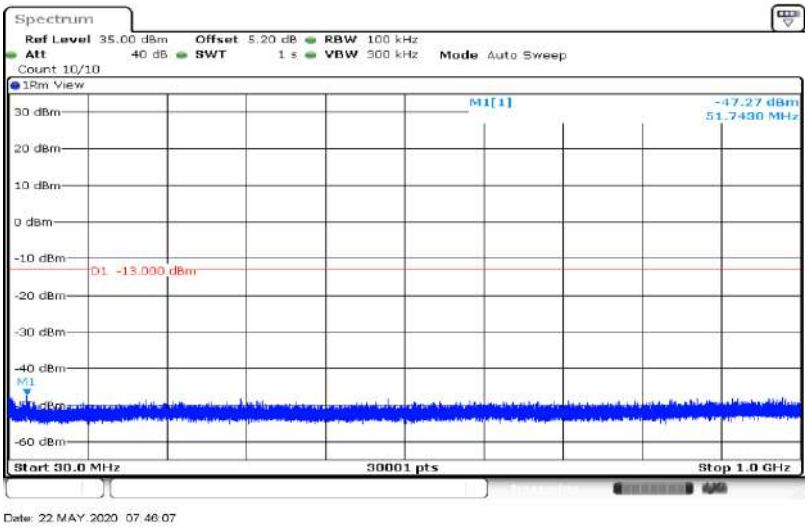
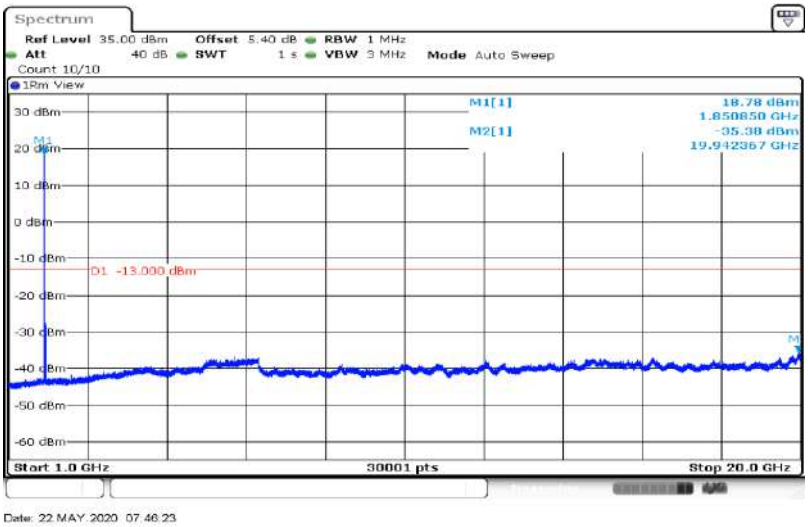


Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

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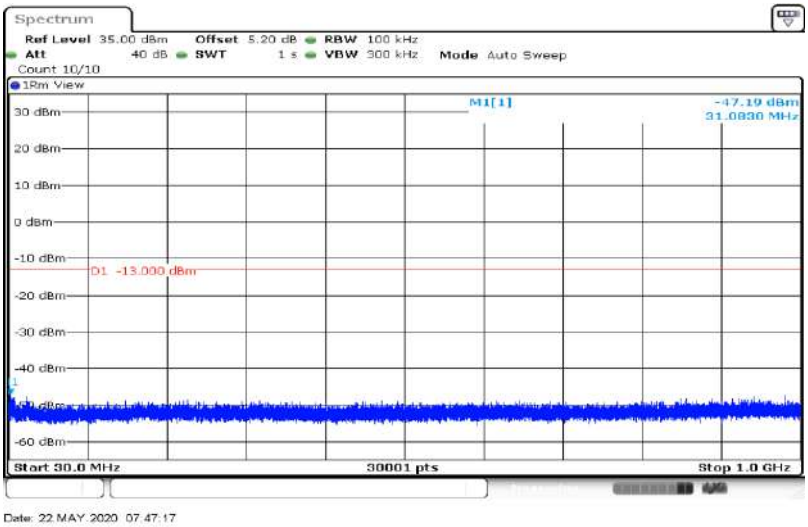
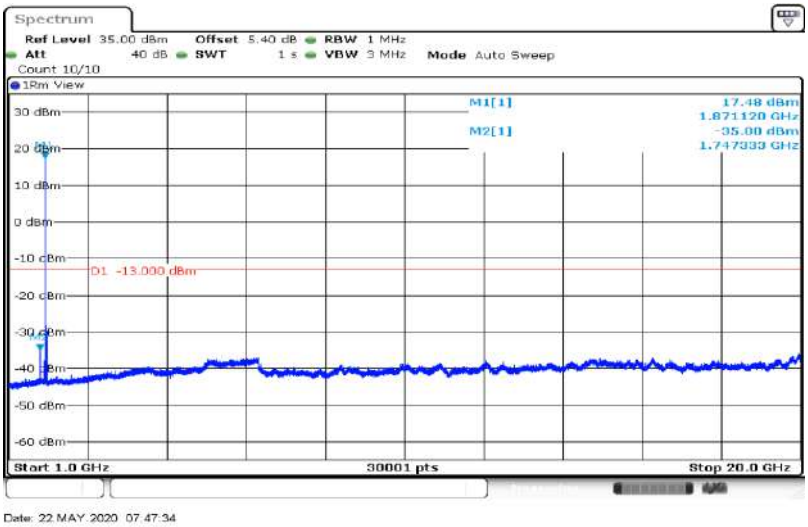


Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz

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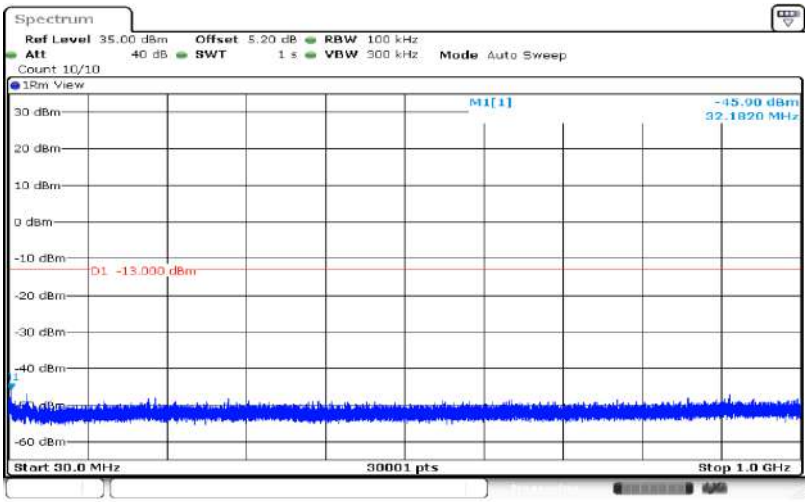
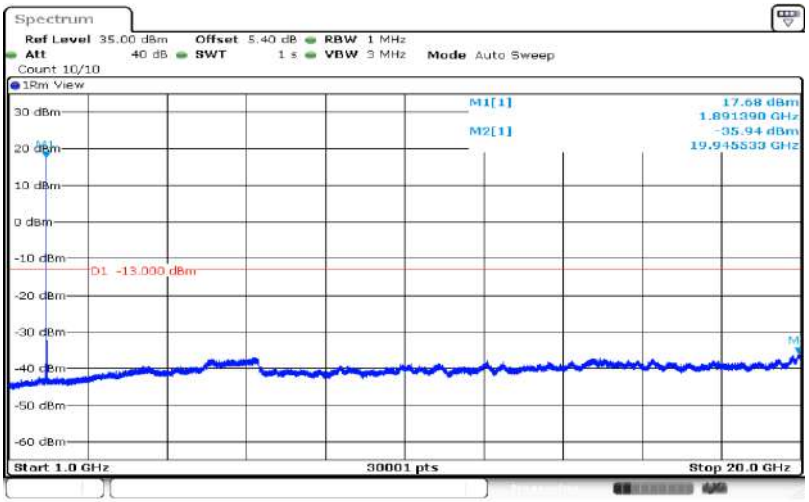


Date: 22.MAY.2020 07:48:28

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~20000MHz



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
106.7793	-65.47	-13.00	52.47	196	133	Vertical
3702.5234	-53.91	-13.00	40.91	145	321	Vertical
5553.0851	-50.99	-13.00	37.99	111	227	Vertical
7404.1468	-51.48	-13.00	38.48	152	227	Vertical
14488.8830	-47.92	-13.00	34.92	122	101	Vertical
17997.9999	-40.64	-13.00	27.64	269	38	Vertical
37.8089	-64.91	-13.00	51.91	196	72	Horizontal
545.6293	-65.33	-13.00	52.33	124	8	Horizontal
3702.0234	-51.13	-13.00	38.13	111	8	Horizontal
5553.0851	-52.56	-13.00	39.56	172	8	Horizontal
7404.1468	-54.50	-13.00	41.50	132	325	Horizontal
16396.9466	-44.44	-13.00	31.44	186	8	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
107.2644	-66.88	-13.00	53.88	163	72	Vertical
3742.0247	-53.74	-13.00	40.74	145	356	Vertical
5613.5871	-51.51	-13.00	38.51	171	230	Vertical
7484.1495	-53.10	-13.00	40.10	111	72	Vertical
14704.3901	-48.44	-13.00	35.44	125	9	Vertical
17997.9999	-40.48	-13.00	27.48	196	103	Vertical
41.9316	-64.11	-13.00	51.11	252	262	Horizontal
681.2906	-63.58	-13.00	50.58	111	230	Horizontal
3742.0247	-51.15	-13.00	38.15	169	325	Horizontal
5613.0871	-52.57	-13.00	39.57	254	40	Horizontal
7346.1449	-57.00	-13.00	44.00	284	262	Horizontal
16400.4467	-44.04	-13.00	31.04	152	8	Horizontal

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7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
112.4541	-65.64	-13.00	52.64	282	9	Vertical
3782.5261	-54.35	-13.00	41.35	263	325	Vertical
5673.0891	-51.55	-13.00	38.55	234	199	Vertical
7564.1521	-53.97	-13.00	40.97	211	72	Vertical
14434.3811	-48.24	-13.00	35.24	196	262	Vertical
17996.9999	-40.66	-13.00	27.66	275	230	Vertical
45.0358	-64.40	-13.00	51.40	187	34	Horizontal
715.6303	-62.65	-13.00	49.65	145	290	Horizontal
3782.5261	-50.85	-13.00	37.85	166	321	Horizontal
5673.0891	-52.56	-13.00	39.56	137	4	Horizontal
16400.4467	-43.84	-13.00	30.84	122	321	Horizontal
17998.5000	-45.34	-13.00	32.34	256	321	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	5.30	0.002849	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	4.10	0.002204	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	3.50	0.001882	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	1.00	0.000532	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	1.80	0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	3.60	0.001915	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-2.00	-0.001053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-2.60	-0.001368	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VL	NT	1.30	0.000699	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VN	NT	1.20	0.000645	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	VH	NT	4.60	0.002473	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VL	NT	-1.20	-0.000638	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VN	NT	2.30	0.001223	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	VH	NT	3.30	0.001755	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VL	NT	-2.20	-0.001158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VN	NT	-1.00	-0.000526	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	VH	NT	-0.60	-0.000316	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	2.70	0.001452	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	1.40	0.000753	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	3.20	0.001720	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	1.90	0.001011	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	1.50	0.000798	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	3.80	0.002021	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	0.30	0.000158	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-2.70	-0.001421	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-1.80	-0.000947	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	1.80	0.000968	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	1.80	0.000968	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	4.40	0.002366	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	2.70	0.001452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	2.60	0.001398	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	4.70	0.002527	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	3.10	0.001667	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	1.00	0.000538	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	3.40	0.001809	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	3.10	0.001649	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	3.70	0.001968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	2.30	0.001223	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	1.20	0.000638	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	2.00	0.001064	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	1.80	0.000957	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	3.60	0.001915	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-1.30	-0.000684	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-2.90	-0.001526	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-1.60	-0.000842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-1.20	-0.000632	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-0.90	-0.000474	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-30	2.70	0.001452	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	-20	2.80	0.001505	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	0	2.70	0.001452	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	10	2.00	0.001075	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	20	2.70	0.001452	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	30	4.20	0.002258	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	40	4.50	0.002419	±2.5	PASS
Band2	20MHz	64QAM	18700	100RB#0	NV	50	4.80	0.002581	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-30	3.80	0.002021	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	-20	0.60	0.000319	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	0	3.30	0.001755	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	10	2.50	0.001330	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	20	2.10	0.001117	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	40	-0.10	-0.000053	±2.5	PASS
Band2	20MHz	64QAM	18900	100RB#0	NV	50	0.30	0.000160	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-30	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	-20	-1.10	-0.000579	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	0	-0.90	-0.000474	±2.5	PASS

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Band2	20MHz	64QAM	19100	100RB#0	NV	10	-0.30	-0.000158	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	20	-4.00	-0.002105	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	30	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	40	-3.30	-0.001737	±2.5	PASS
Band2	20MHz	64QAM	19100	100RB#0	NV	50	-4.30	-0.002263	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	1.00	0.000538	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	2.70	0.001452	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	0.80	0.000430	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	1.80	0.000968	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	3.60	0.001935	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	4.10	0.002204	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	3.20	0.001720	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	-1.10	-0.000591	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-0.70	-0.000372	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	0.20	0.000106	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	1.30	0.000691	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	2.10	0.001117	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	1.30	0.000691	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	3.80	0.002021	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	2.70	0.001436	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	4.10	0.002181	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-2.80	-0.001474	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-3.90	-0.002053	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-1.80	-0.000947	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	0.00	0.000000	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-0.50	-0.000263	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-1.70	-0.000895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-3.60	-0.001895	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-3.90	-0.002053	±2.5	PASS

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