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Appendix B.11

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data**Test ResultAnt0**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	22.92	25.78	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.87	25.73	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.81	25.67	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.94	24.80	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	23.18	26.04	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	23.16	26.02	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	23.12	25.98	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	22.22	25.08	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.74	25.60	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.74	25.60	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.69	25.55	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.76	24.62	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	22.20	25.06	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	22.15	25.01	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	22.10	24.96	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.97	23.83	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	22.46	25.32	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	22.42	25.28	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	22.36	25.22	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	21.30	24.16	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.99	24.85	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.97	24.83	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.94	24.80	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.84	23.70	33.00	PASS



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Band41	5MHz	64QAM	39675	1RB#0	21.02	23.88	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	21.01	23.87	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	20.99	23.85	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	20.03	22.89	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	21.35	24.21	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	21.29	24.15	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	21.24	24.10	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	20.36	23.22	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	20.89	23.75	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	20.86	23.72	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	20.87	23.73	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	19.90	22.76	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	23.01	25.87	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.91	25.77	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.81	25.67	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.98	24.84	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	23.31	26.17	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	23.18	26.04	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	23.05	25.91	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	22.23	25.09	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.88	25.74	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.73	25.59	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.73	25.59	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.85	24.71	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	22.27	25.13	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	22.17	25.03	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	22.10	24.96	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	21.02	23.88	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	22.57	25.43	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.46	25.32	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.35	25.21	33.00	PASS



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Band41	10MHz	16QAM	40620	50RB#0	21.30	24.16	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	22.13	24.99	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.99	24.85	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.97	24.83	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.88	23.74	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	21.13	23.99	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	20.99	23.85	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	20.95	23.81	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	20.00	22.86	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	21.43	24.29	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	21.27	24.13	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	21.24	24.10	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	20.30	23.16	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	20.98	23.84	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	20.86	23.72	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	20.84	23.70	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	19.87	22.73	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	23.03	25.89	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.88	25.74	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.90	25.76	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.95	24.81	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	23.27	26.13	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	23.18	26.04	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	23.07	25.93	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	22.24	25.10	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.87	25.73	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.78	25.64	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.69	25.55	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.82	24.68	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.28	25.14	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.14	25.00	33.00	PASS



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Band41	15MHz	16QAM	39725	75RB#0	20.96	23.82	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	22.52	25.38	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	22.41	25.27	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	22.29	25.15	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	21.27	24.13	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	22.16	25.02	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.99	24.85	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.90	24.76	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.88	23.74	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	21.13	23.99	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	20.97	23.83	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	20.99	23.85	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	20.01	22.87	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	21.39	24.25	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	21.25	24.11	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	21.17	24.03	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	20.30	23.16	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	20.97	23.83	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	20.85	23.71	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	20.80	23.66	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	19.90	22.76	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	23.06	25.92	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.86	25.72	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.83	25.69	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.93	24.79	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	23.36	26.22	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	23.15	26.01	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	23.02	25.88	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	22.23	25.09	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.97	25.83	33.00	PASS



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Band41	20MHz	QPSK	41490	1RB#99	22.69	25.55	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.84	24.70	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	22.30	25.16	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	22.12	24.98	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	22.12	24.98	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.96	23.82	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	22.58	25.44	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	22.45	25.31	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	22.27	25.13	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	21.33	24.19	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.22	25.08	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	22.04	24.90	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.93	24.79	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.89	23.75	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	21.16	24.02	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	20.93	23.79	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	20.93	23.79	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	19.99	22.85	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	21.42	24.28	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	21.22	24.08	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	21.13	23.99	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	20.36	23.22	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	21.07	23.93	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	20.84	23.70	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	20.79	23.65	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	19.90	22.76	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	20MHz	QPSK	39750	100RB#0	8.92	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.96	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	8.66	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.46	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.64	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.70	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	10.16	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	10.18	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	9.92	13	PASS



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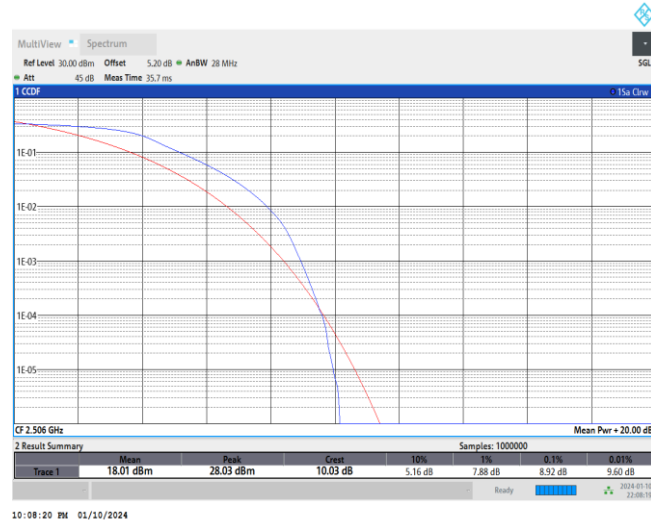
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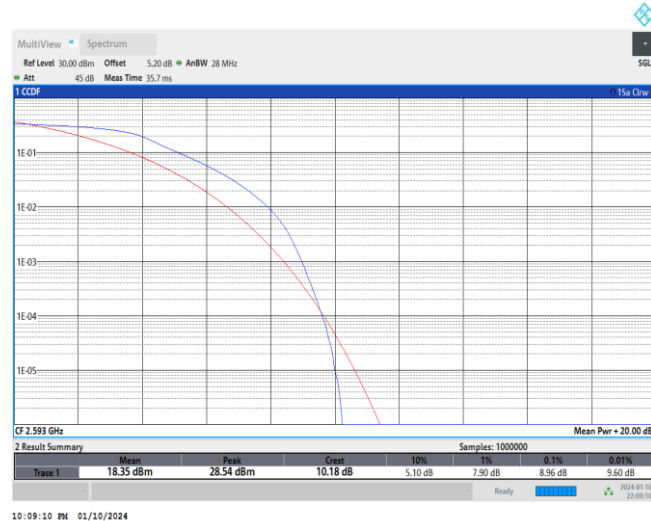
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Test Graphs

Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0



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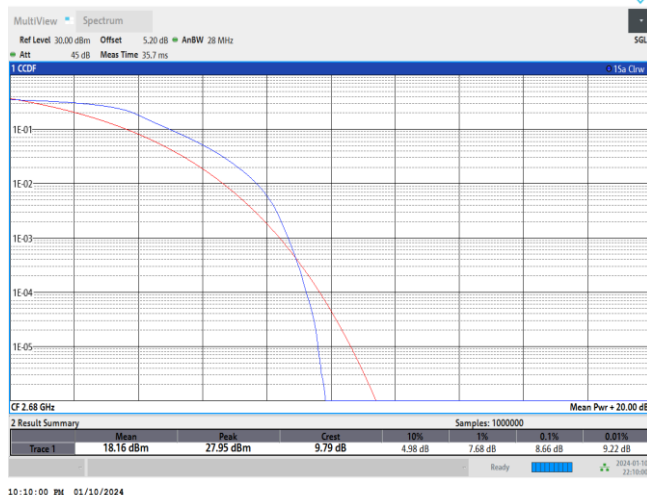
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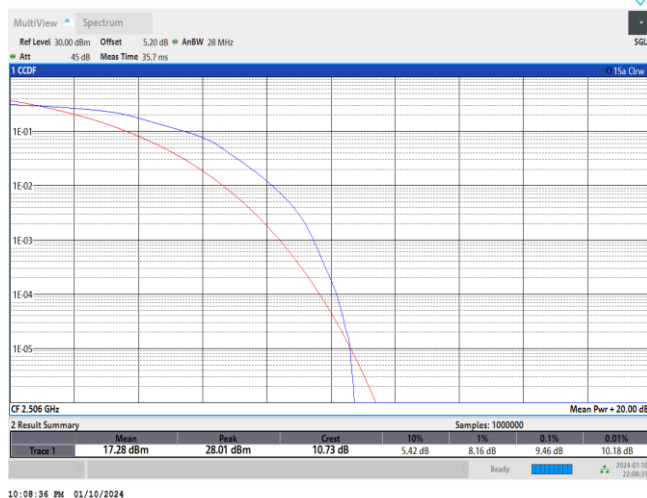
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Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0



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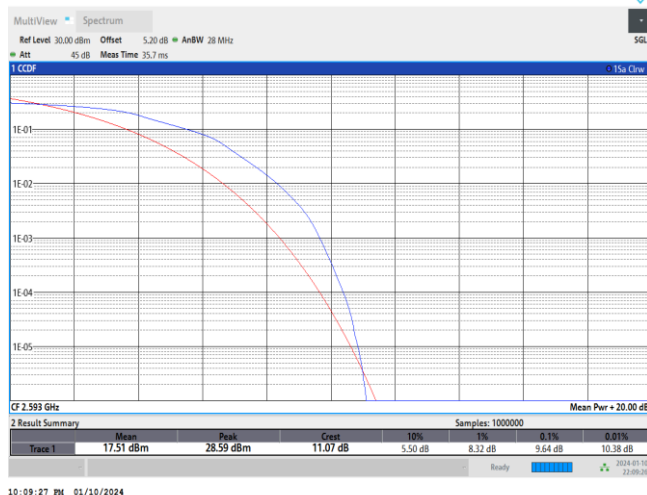


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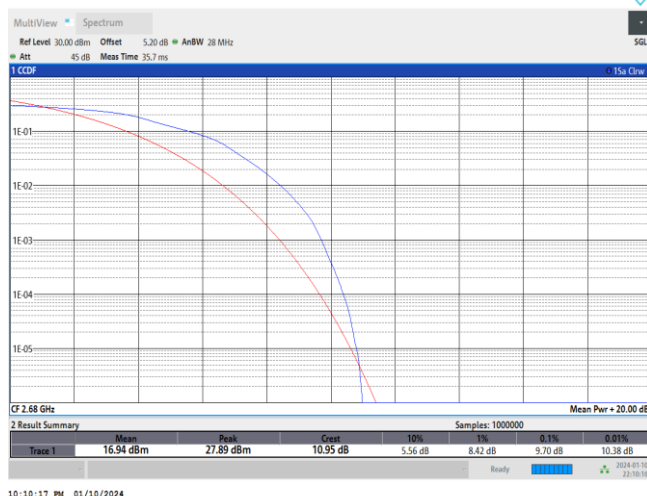
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Band41-20MHz-16QAM-40620-100RB#0



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Band41-20MHz-16QAM-41490-100RB#0



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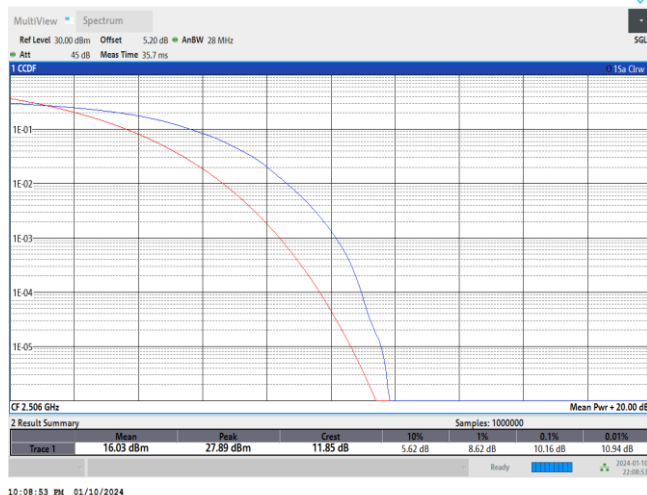
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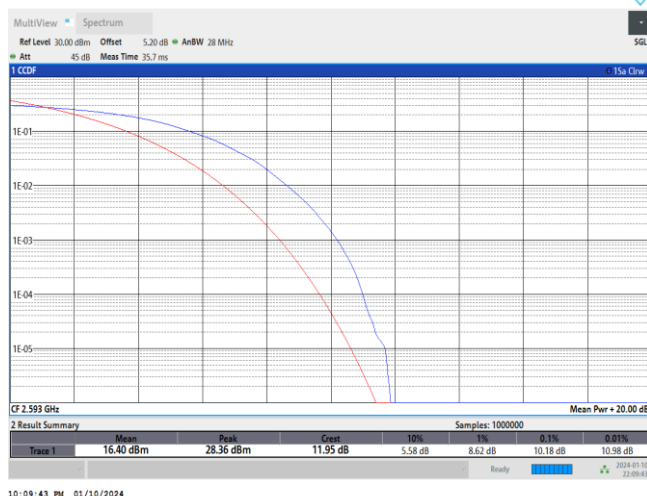
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Band41-20MHz-64QAM-39750-100RB#0



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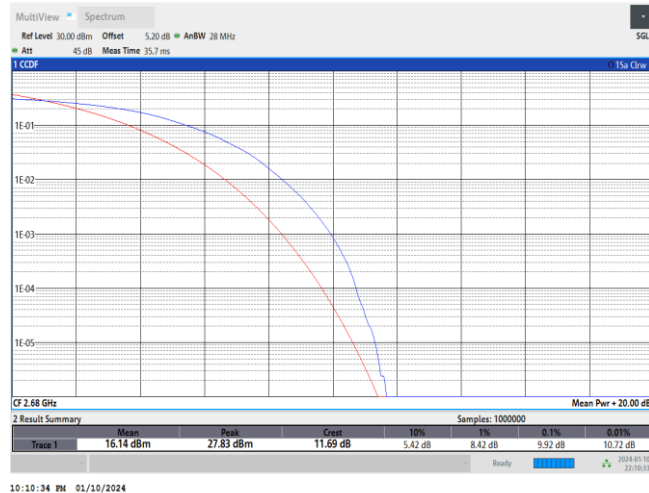
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Band41-20MHz-64QAM-41490-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	40620	25RB#0	4.467	4.86	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.461	4.86	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.467	4.83	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.918	9.70	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.808	9.32	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.923	9.66	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.474	14.82	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.451	14.82	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.426	14.76	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.916	19.32	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.864	19.44	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.853	19.52	PASS



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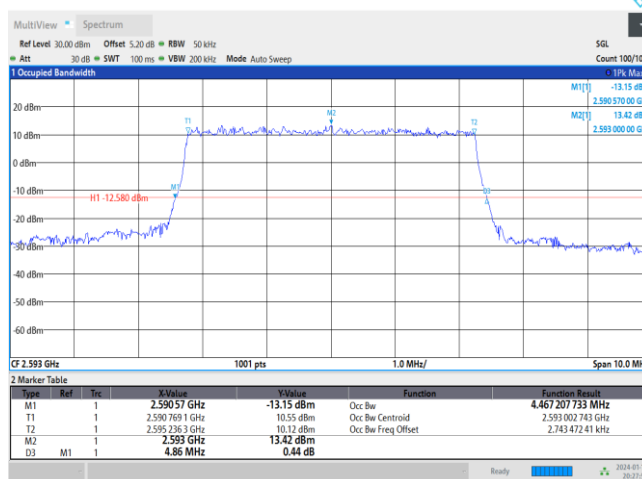
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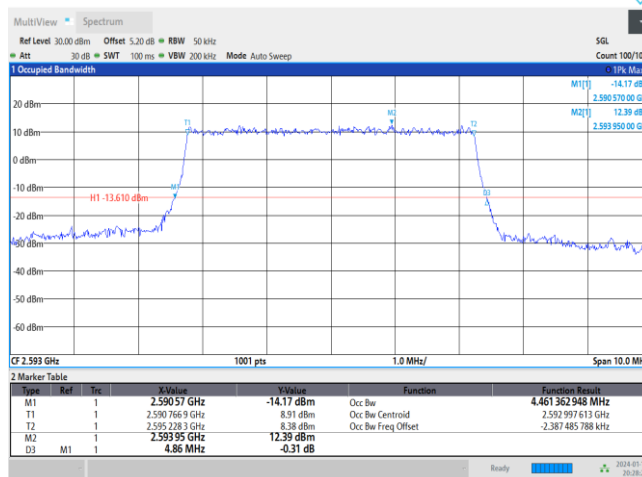
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Band41-5MHz-QPSK-40620-25RB#0



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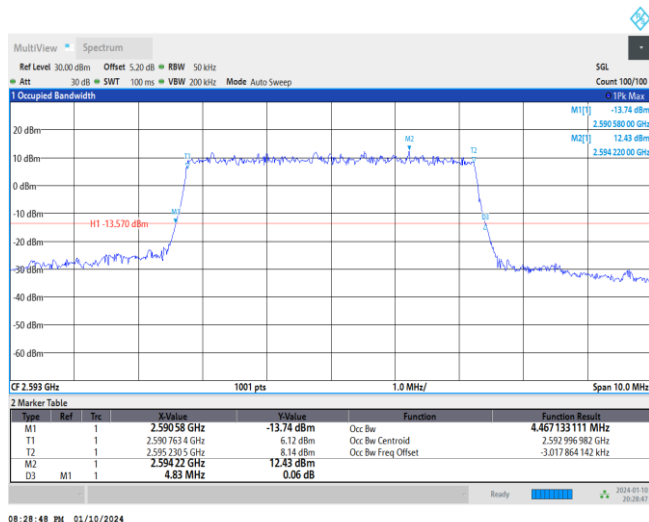
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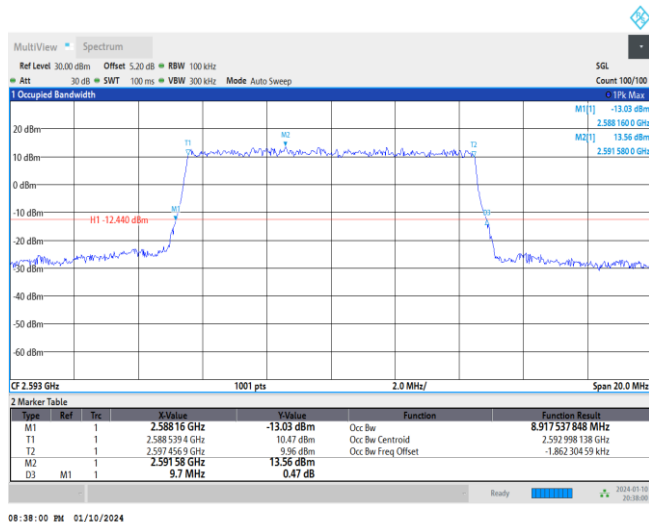
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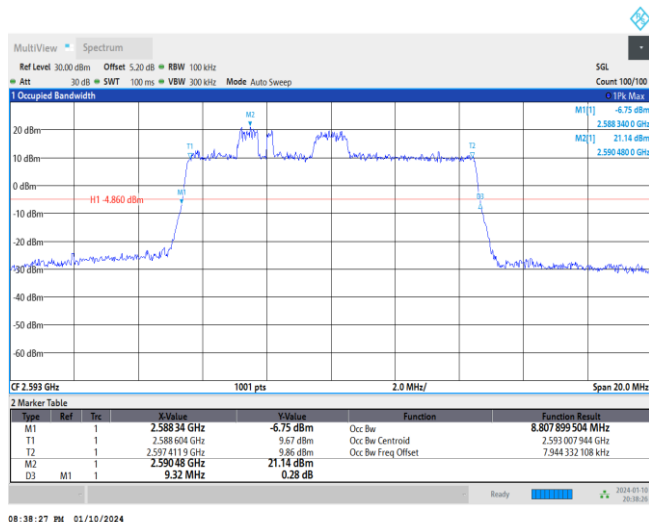
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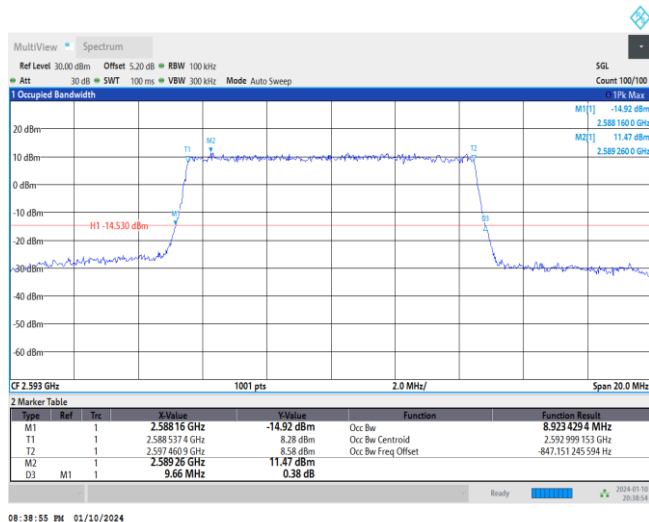
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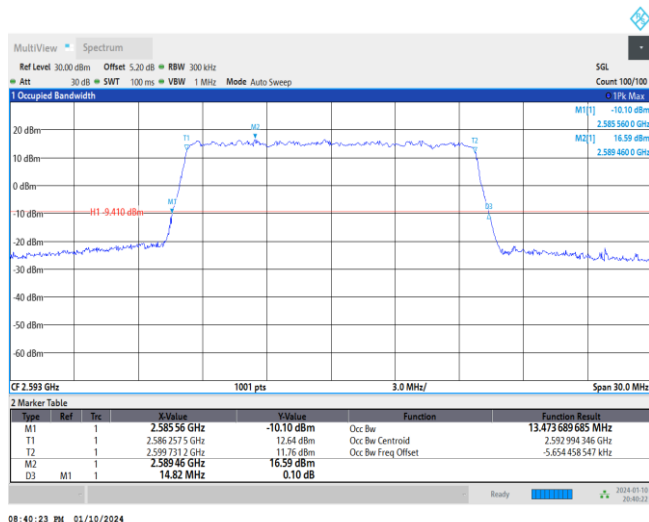
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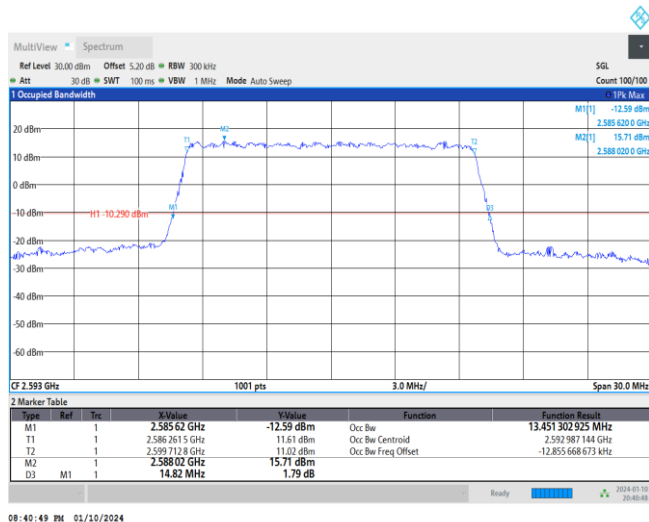
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Band41-15MHz-QPSK-40620-75RB#0



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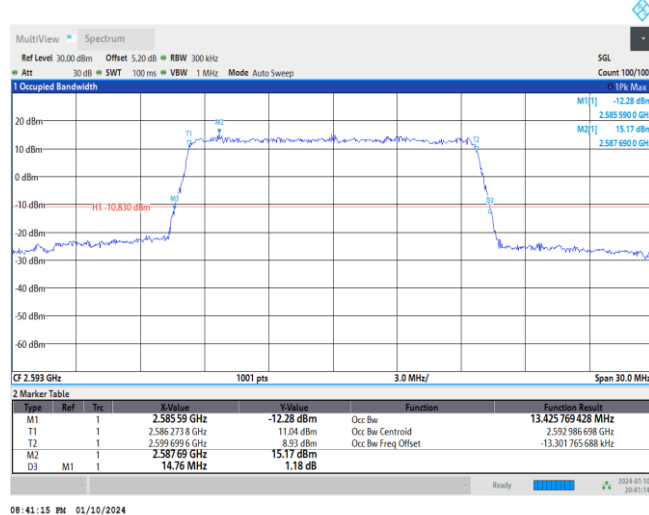
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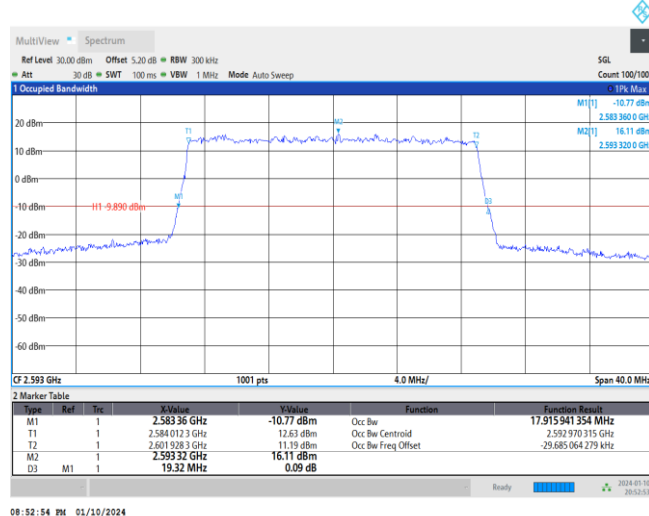
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Band41-15MHz-64QAM-40620-75RB#0



Band41-20MHz-QPSK-40620-100RB#0



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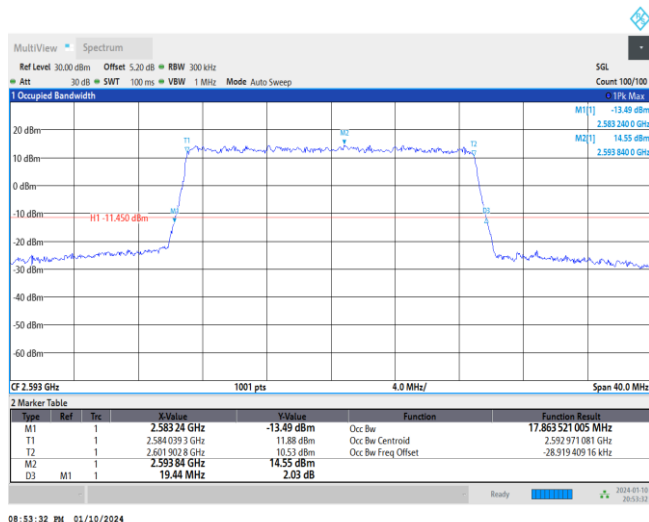
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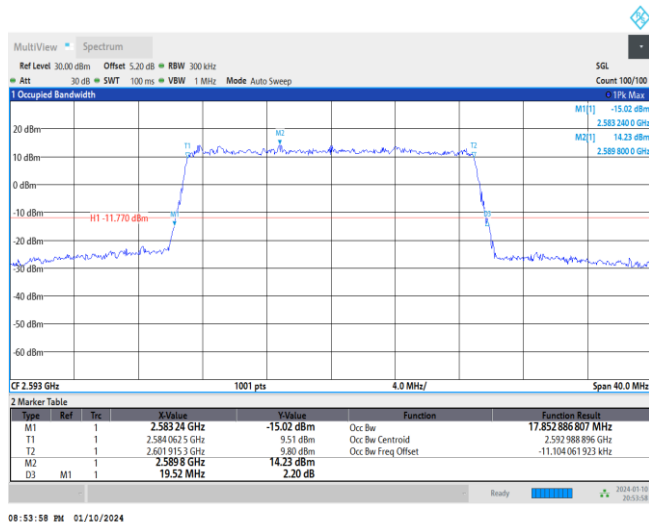
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Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-64QAM-40620-100RB#0



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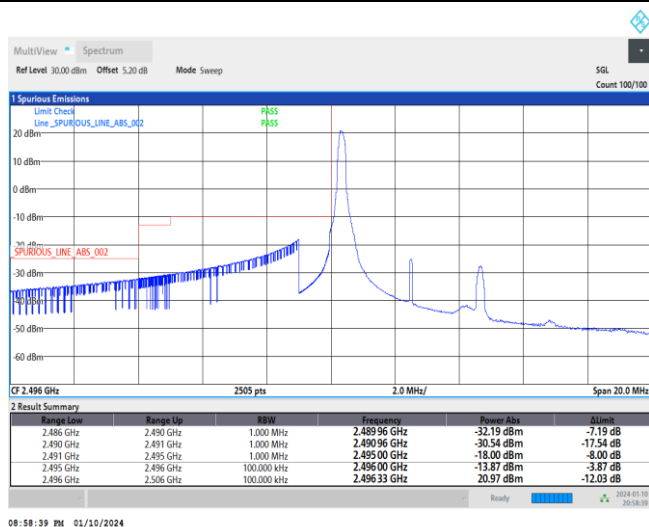
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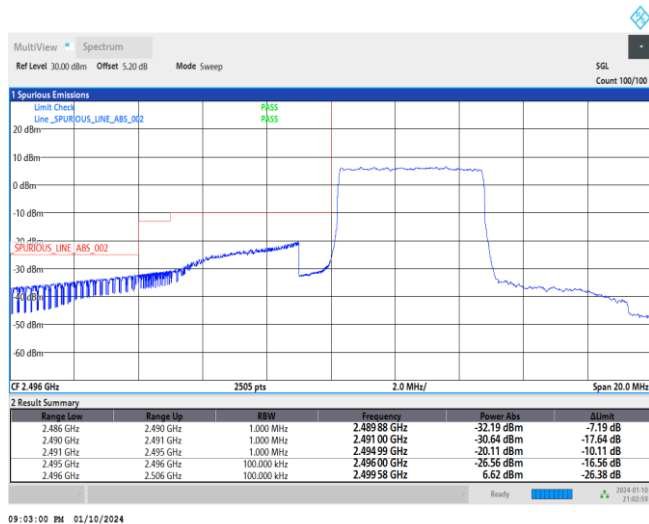
Band Edge

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-25RB#0



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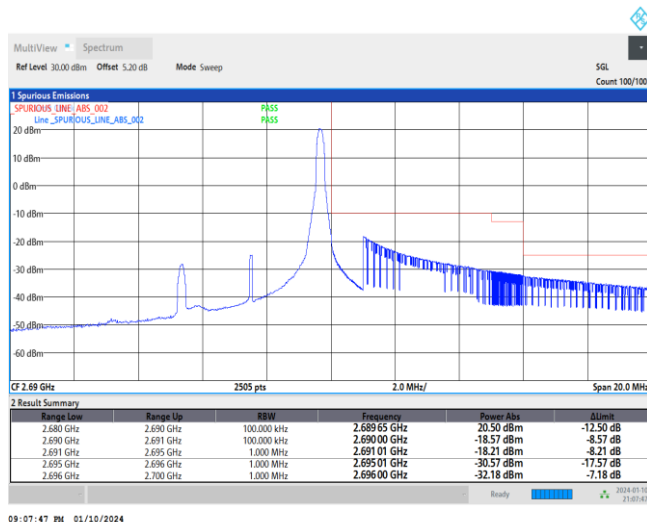
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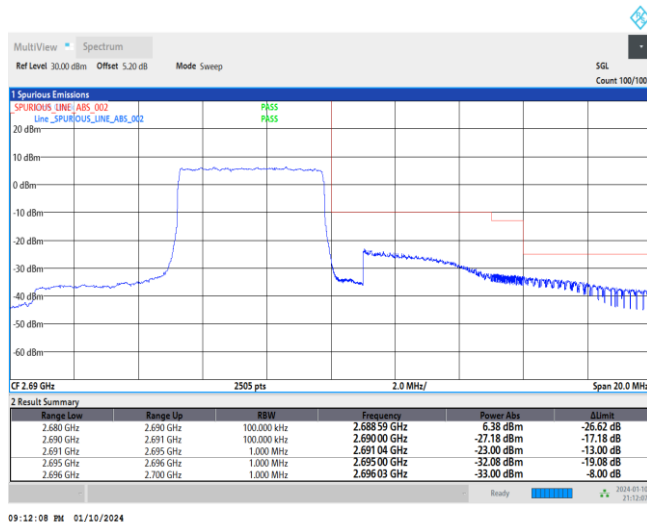
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Band41-5MHz-QPSK-41565-1RB#24



Band41-5MHz-QPSK-41565-25RB#0



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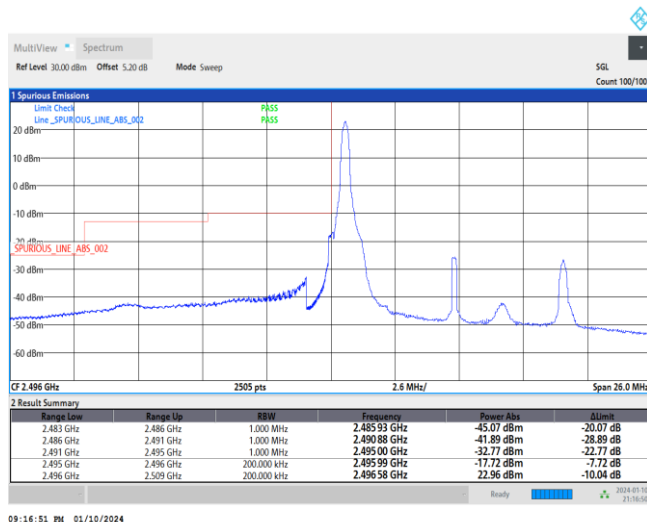
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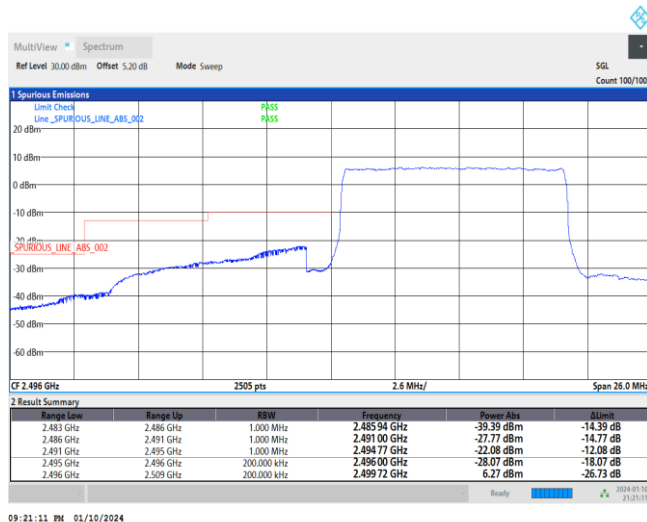
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Band41-10MHz-QPSK-39700-1RB#0



Band41-10MHz-QPSK-39700-50RB#0



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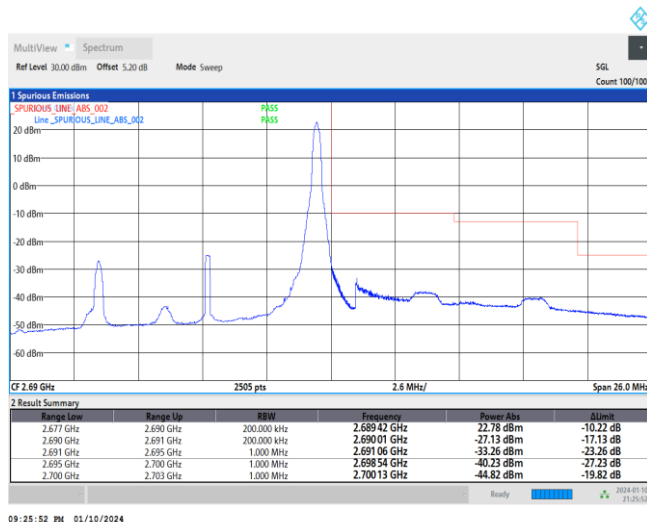
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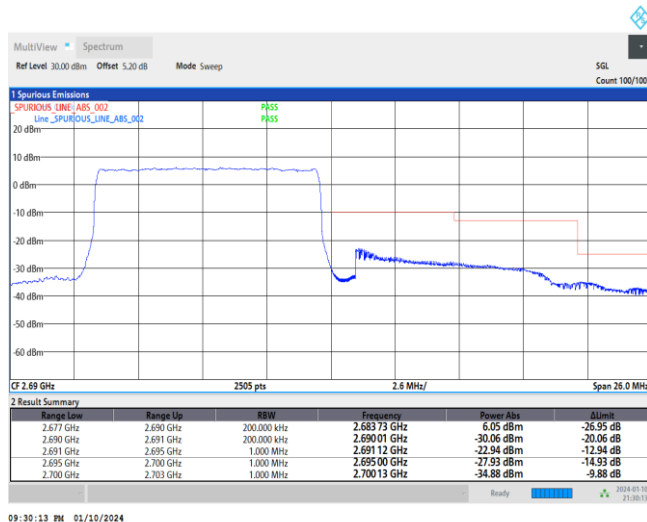
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Band41-10MHz-QPSK-41540-50RB#0



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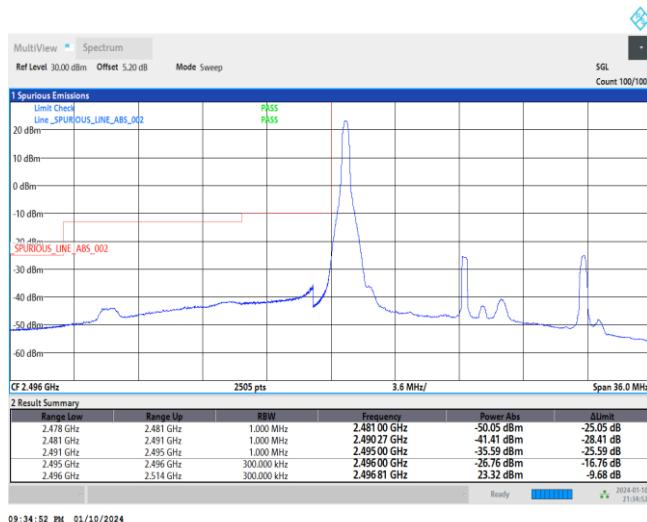
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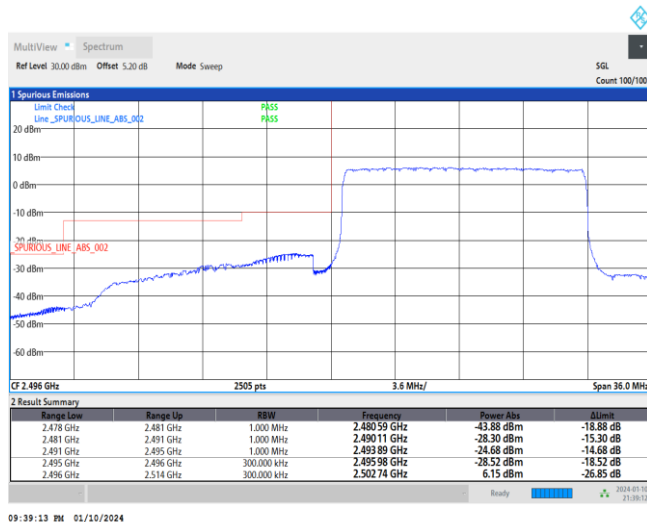
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Band41-15MHz-QPSK-39725-1RB#0



Band41-15MHz-QPSK-39725-75RB#0



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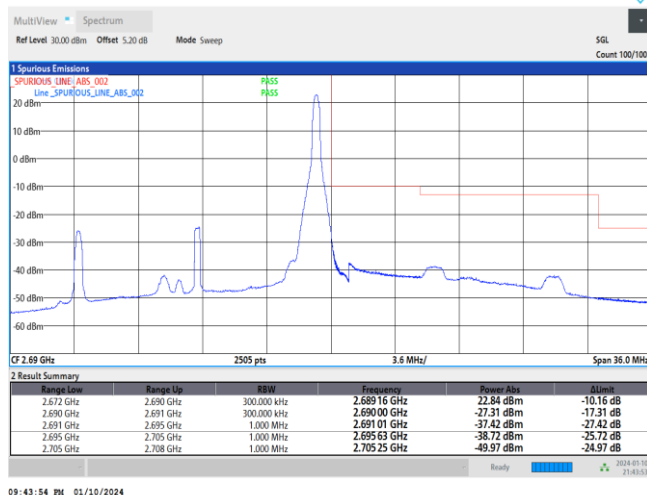
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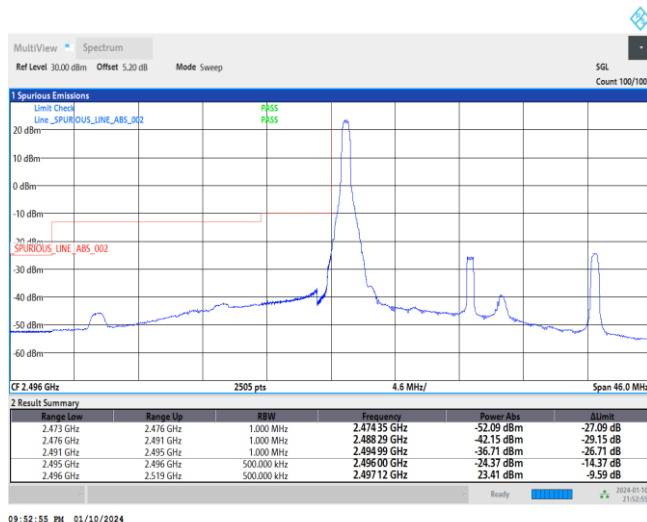
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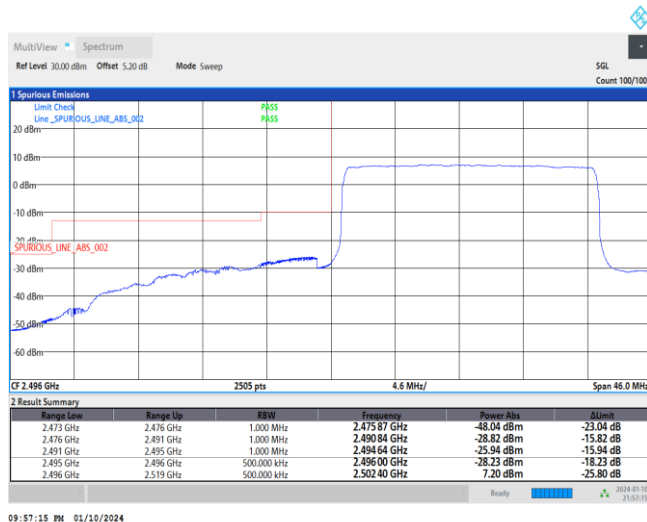
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Band41-20MHz-QPSK-39750-100RB#0



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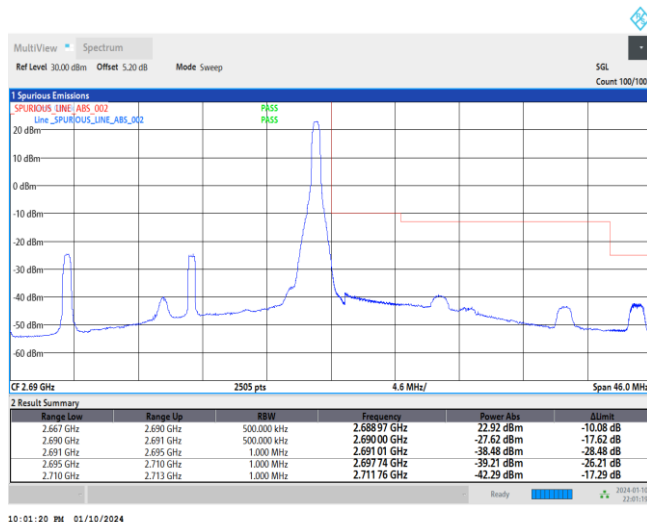
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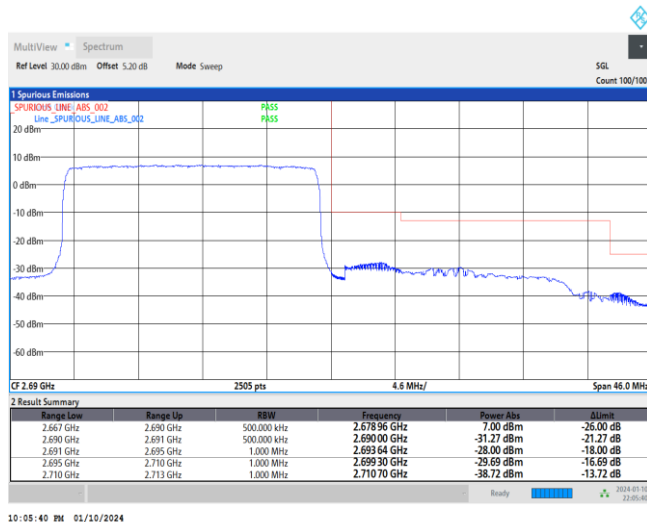
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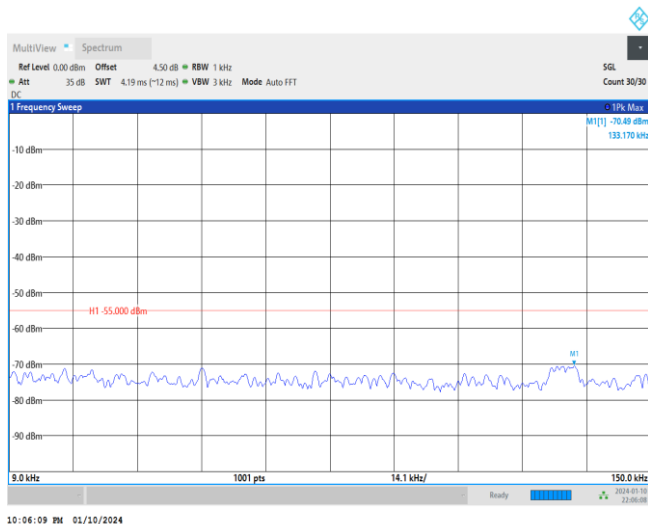
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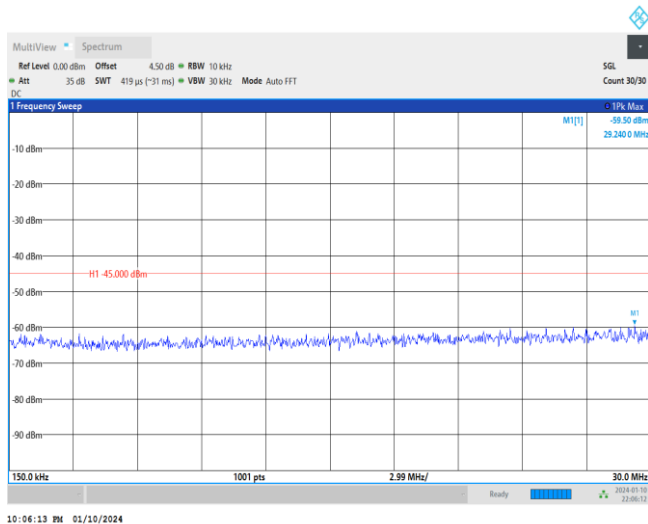
Conducted Spurious Emission

Test Graphs

Band41-20MHz-QPSK-39750-1RB#0-Range1:0.009~0.15MHz



Band41-20MHz-QPSK-39750-1RB#0-Range2:0.15~30MHz



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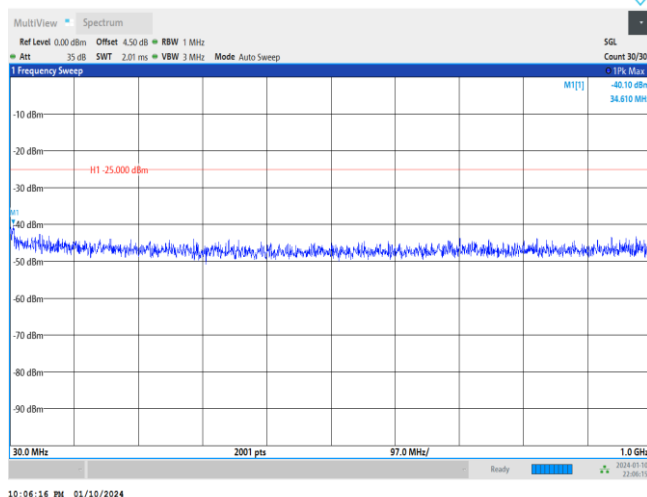
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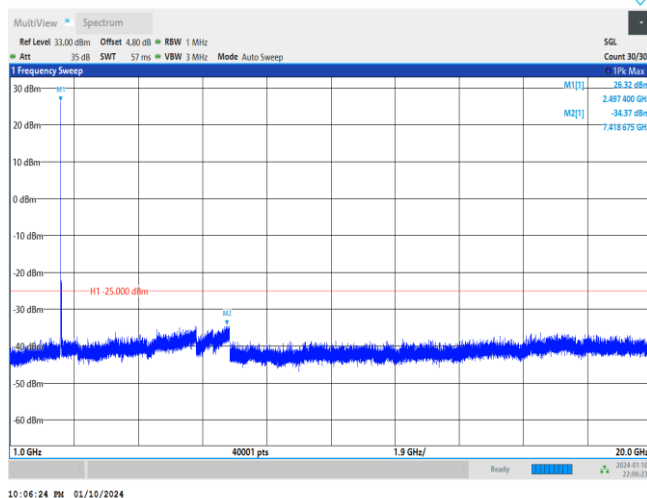
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Band41-20MHz-QPSK-39750-1RB#0-Range3:30~1000MHz



Band41-20MHz-QPSK-39750-1RB#0-Range4:1000~20000MHz



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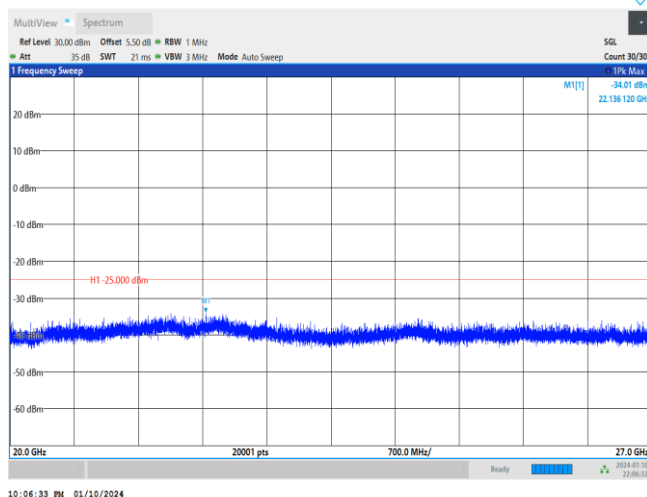
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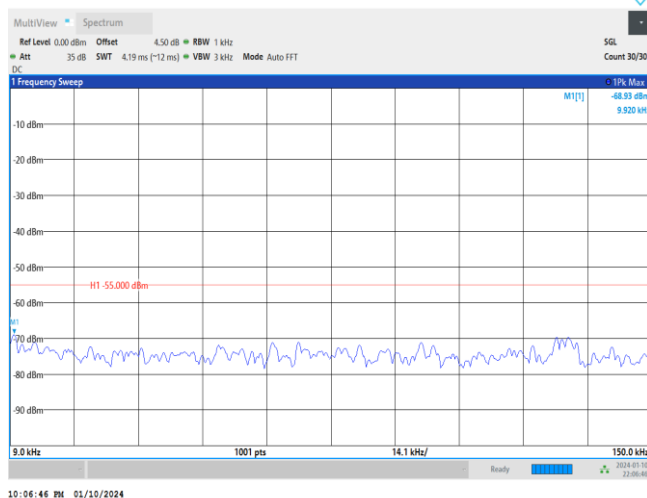
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Band41-20MHz-QPSK-39750-1RB#0-Range5:20000~27000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz



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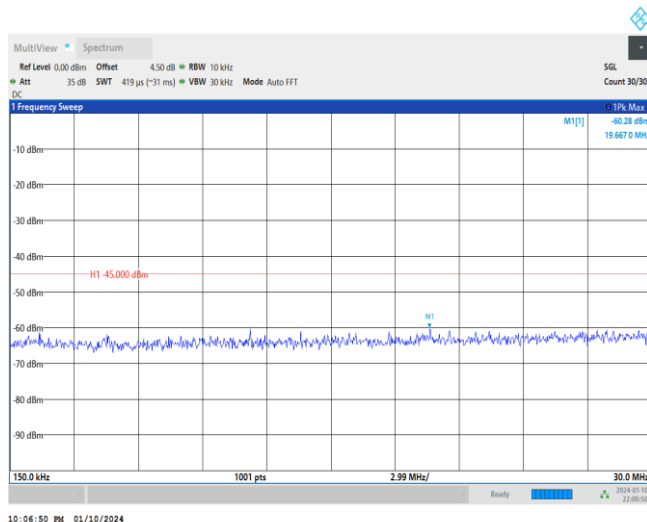
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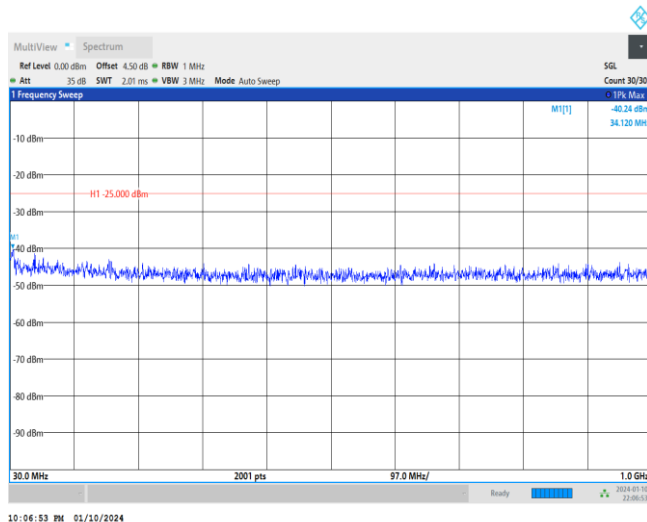
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Band41-20MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



Band41-20MHz-QPSK-40620-1RB#0-Range3:30~1000MHz



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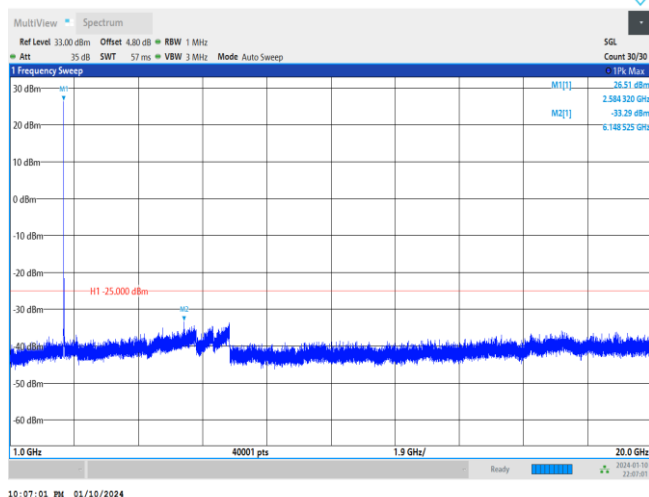
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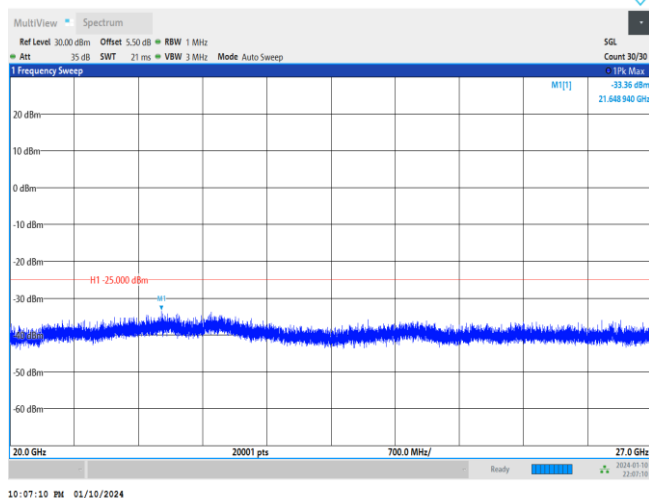
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Band41-20MHz-QPSK-40620-1RB#0-Range4:1000~20000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range5:20000~27000MHz



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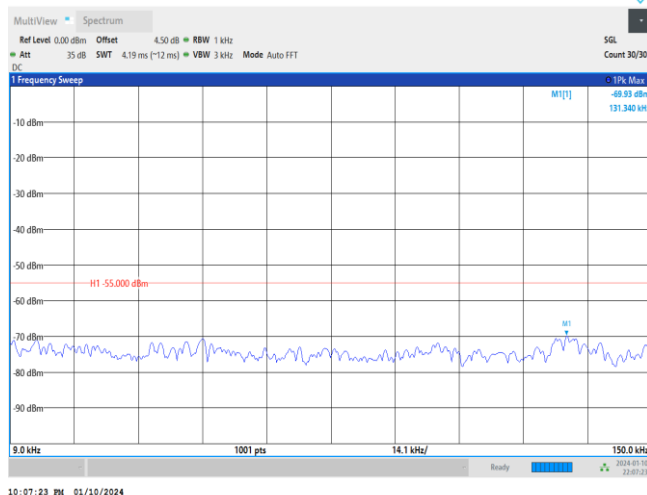
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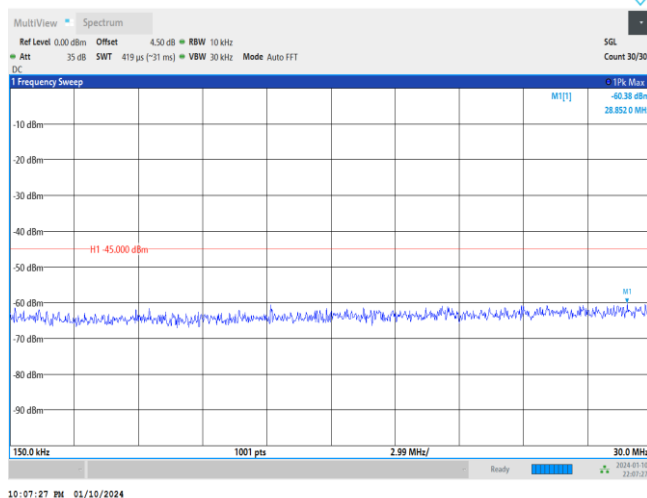
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Band41-20MHz-QPSK-41490-1RB#0-Range1:0.009~0.15MHz



Band41-20MHz-QPSK-41490-1RB#0-Range2:0.15~30MHz



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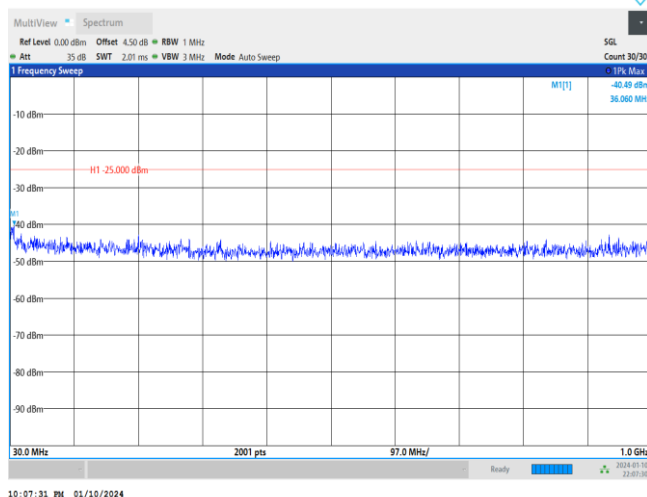
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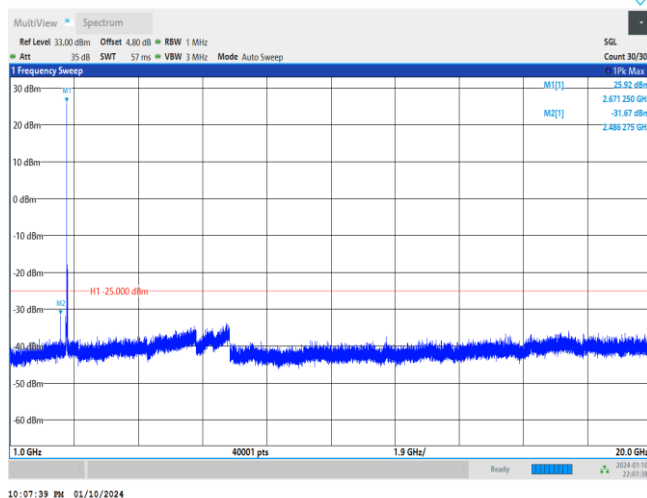
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Band41-20MHz-QPSK-41490-1RB#0-Range3:30~1000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range4:1000~20000MHz



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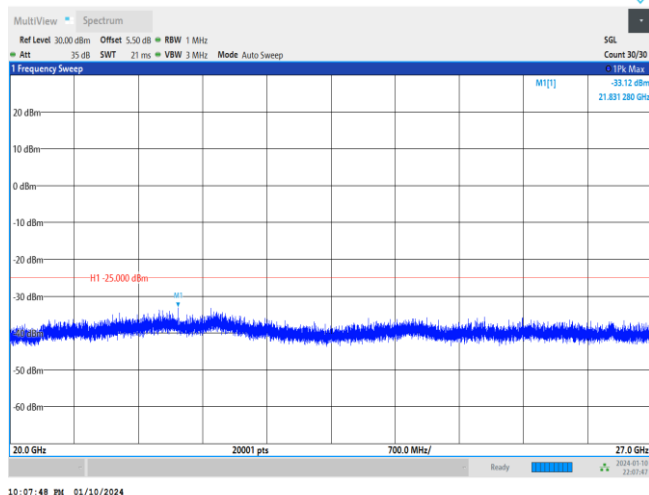


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Band41-20MHz-QPSK-41490-1RB#0-Range5:20000~27000MHz



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Field Strength of Spurious Radiation

Test Band = LTE Band 41_ TM1
Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	31.91	-41.46	33.19	-71.62	-25.00	46.62	Horizontal
2	7491.27	31.42	-37.79	36.59	-65.04	-25.00	40.04	Horizontal
3	9988.36	30.65	-32.43	37.90	-59.14	-25.00	34.14	Horizontal
4	12485.45	27.94	-29.85	38.98	-58.19	-25.00	33.19	Horizontal
5	14982.54	27.79	-28.17	40.10	-55.54	-25.00	30.54	Horizontal
6	17479.63	27.81	-24.60	40.05	-52.00	-25.00	27.00	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	32.72	-41.46	33.19	-70.81	-25.00	45.81	Vertical
2	7491.27	32.37	-37.79	36.59	-64.09	-25.00	39.09	Vertical
3	9988.36	36.39	-32.43	37.90	-53.40	-25.00	28.40	Vertical
4	12485.45	28.27	-29.85	38.98	-57.86	-25.00	32.86	Vertical
5	14982.54	28.35	-28.17	40.10	-54.98	-25.00	29.98	Vertical
6	17479.63	26.58	-24.60	40.05	-53.23	-25.00	28.23	Vertical



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Test Band = LTE Band 41_ TM1

Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17821.5	28.83	-23.87	40.87	-49.43	-25.00	24.43	Horizontal
2	5168.18	34.20	-40.96	33.17	-68.85	-25.00	43.85	Horizontal
3	7752.27	31.68	-37.04	36.85	-63.77	-25.00	38.77	Horizontal
4	10336.36	32.26	-31.94	38.07	-56.87	-25.00	31.87	Horizontal
5	12920.45	30.41	-29.92	39.50	-55.26	-25.00	30.26	Horizontal
6	15504.54	28.39	-27.86	39.14	-55.59	-25.00	30.59	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17905.5	29.58	-24.97	41.07	-49.58	-25.00	24.58	Vertical
2	5168.18	36.29	-40.96	33.17	-66.76	-25.00	41.76	Vertical
3	7752.27	32.63	-37.04	36.85	-62.82	-25.00	37.82	Vertical
4	10336.36	40.52	-31.94	38.07	-48.61	-25.00	23.61	Vertical
5	12920.45	29.71	-29.92	39.50	-55.96	-25.00	30.96	Vertical
6	15504.54	28.19	-27.86	39.14	-55.79	-25.00	30.79	Vertical



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Test Band = LTE Band 41_ TM1
Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4012.5	34.31	-42.71	31.32	-72.34	-25.00	47.34	Horizontal
2	5255.18	34.28	-40.87	33.15	-68.70	-25.00	43.70	Horizontal
3	7882.77	32.37	-36.68	36.98	-62.59	-25.00	37.59	Horizontal
4	10510.36	34.39	-31.19	38.16	-53.90	-25.00	28.90	Horizontal
5	13137.95	28.29	-29.34	39.70	-56.61	-25.00	31.61	Horizontal
6	15765.54	28.77	-27.85	38.64	-55.70	-25.00	30.70	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3902.5	35.07	-42.82	30.97	-72.04	-25.00	47.04	Vertical
2	5255.18	40.05	-40.87	33.15	-62.93	-25.00	37.93	Vertical
3	7882.77	32.28	-36.68	36.98	-62.68	-25.00	37.68	Vertical
4	10510.36	41.88	-31.19	38.16	-46.41	-25.00	21.41	Vertical
5	13137.95	28.46	-29.34	39.70	-56.44	-25.00	31.44	Vertical
6	15765.54	28.18	-27.85	38.64	-56.29	-25.00	31.29	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
Band41	20MHz	QPSK	40620	100RB#0	VL	NT	-2.50	-0.000964	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-6.20	-0.002391	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	5.50	0.002121	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	2.20	0.000848	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	4.00	0.001543	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-4.00	-0.001543	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-1.60	-0.000617	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	-0.50	-0.000193	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	5.50	0.002121	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	0.00	0.000000	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	1.40	0.000540	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	4.70	0.001813	PASS

--- End of Attachment ---



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