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Appendix B.7

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data

Test Result

Ant0

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	17.51	17.91	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	17.49	17.89	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	17.47	17.87	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	17.47	17.87	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	17.49	17.89	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	17.47	17.87	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	17.42	17.82	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	17.39	17.79	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	17.43	17.83	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	17.38	17.78	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	17.45	17.85	33.00	PASS
Band41	5MHz	64QAM	39675	25RB#0	17.51	17.91	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	18.05	18.45	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	17.91	18.31	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	17.92	18.32	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	17.72	18.12	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	17.92	18.32	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	17.93	18.33	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	17.86	18.26	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	17.87	18.27	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	17.71	18.11	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	17.93	18.33	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	17.87	18.27	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	17.86	18.26	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	18.02	18.42	33.00	PASS



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Band41	5MHz	QPSK	41565	1RB#12	17.97	18.37	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	17.94	18.34	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	17.87	18.27	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	17.96	18.36	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	17.94	18.34	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	17.95	18.35	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	17.89	18.29	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	17.76	18.16	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	18.02	18.42	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	17.7	18.1	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	17.87	18.27	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	17.46	17.86	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	17.51	17.91	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	17.42	17.82	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	17.44	17.84	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	17.44	17.84	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	17.47	17.87	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	17.43	17.83	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	17.48	17.88	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	17.51	17.91	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	17.46	17.86	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	17.52	17.92	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	17.53	17.93	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	18.05	18.45	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	17.92	18.32	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	17.94	18.34	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	17.74	18.14	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	17.9	18.3	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	17.93	18.33	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	17.87	18.27	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	17.92	18.32	33.00	PASS



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Band41	10MHz	64QAM	40620	1RB#0	17.66	18.06	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	17.9	18.3	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	17.93	18.33	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	17.96	18.36	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	18.02	18.42	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	17.87	18.27	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	17.93	18.33	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	17.89	18.29	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	17.96	18.36	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	17.95	18.35	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	18	18.4	33.00	PASS
Band41	10MHz	16QAM	41540	50RB#0	17.93	18.33	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	17.73	18.13	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	17.99	18.39	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	17.78	18.18	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	17.87	18.27	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	17.51	17.91	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	17.45	17.85	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	17.49	17.89	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	17.37	17.77	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	17.43	17.83	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	17.55	17.95	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	17.47	17.87	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	17.42	17.82	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	17.45	17.85	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	17.42	17.82	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	17.48	17.88	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	17.49	17.89	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	17.83	18.23	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	17.85	18.25	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	17.77	18.17	33.00	PASS



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Band41	15MHz	QPSK	40620	75RB#0	17.75	18.15	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	17.84	18.24	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	17.78	18.18	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	17.66	18.06	33.00	PASS
Band41	15MHz	16QAM	40620	75RB#0	17.81	18.21	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	17.76	18.16	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	17.79	18.19	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	17.72	18.12	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	17.79	18.19	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	17.98	18.38	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	17.95	18.35	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	17.88	18.28	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	17.84	18.24	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	17.91	18.31	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	17.93	18.33	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	17.95	18.35	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	17.99	18.39	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	17.73	18.13	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	17.97	18.37	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	17.67	18.07	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	17.97	18.37	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	17.58	17.98	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	17.52	17.92	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	17.54	17.94	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.5	17.9	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	17.52	17.92	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	17.56	17.96	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	17.49	17.89	33.00	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.51	17.91	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	17.55	17.95	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	17.47	17.87	33.00	PASS



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Band41	20MHz	64QAM	39750	100RB#0	17.54	17.94	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	18.07	18.47	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	18.03	18.43	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	18.04	18.44	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.83	18.23	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#0	18	18.4	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	18.02	18.42	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	17.95	18.35	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.97	18.37	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	17.76	18.16	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	17.97	18.37	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	17.99	18.39	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.98	18.38	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	18.06	18.46	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	17.99	18.39	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	17.98	18.38	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.93	18.33	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	17.99	18.39	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	17.98	18.38	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	18.04	18.44	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	18.01	18.41	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	17.8	18.2	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	18.04	18.44	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	17.79	18.19	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.99	18.39	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	9.72	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.66	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.42	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	10.54	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	10.22	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.16	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	10.76	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	10.52	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	10.56	13	PASS



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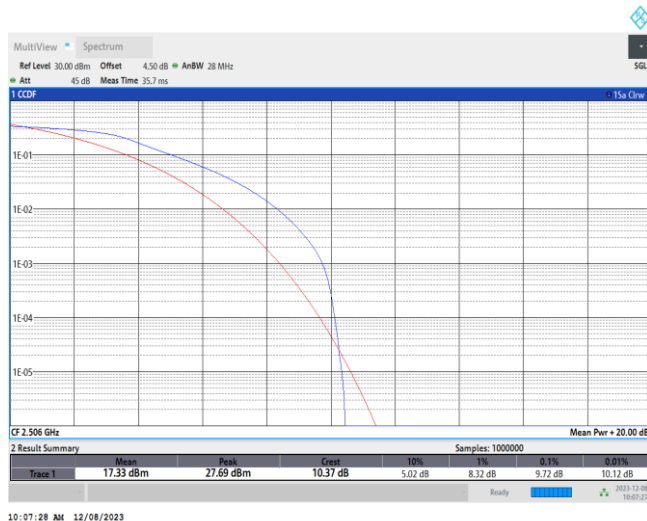
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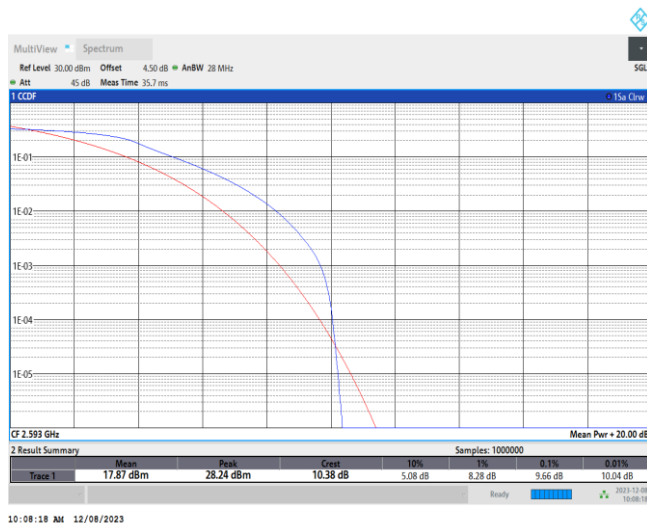
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Test Graphs

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



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



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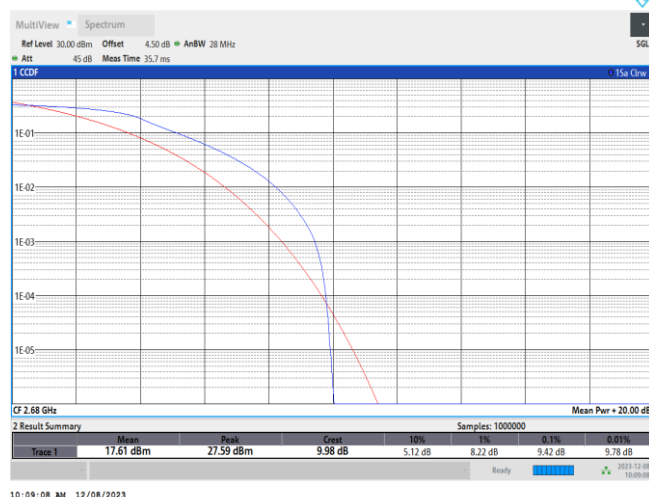
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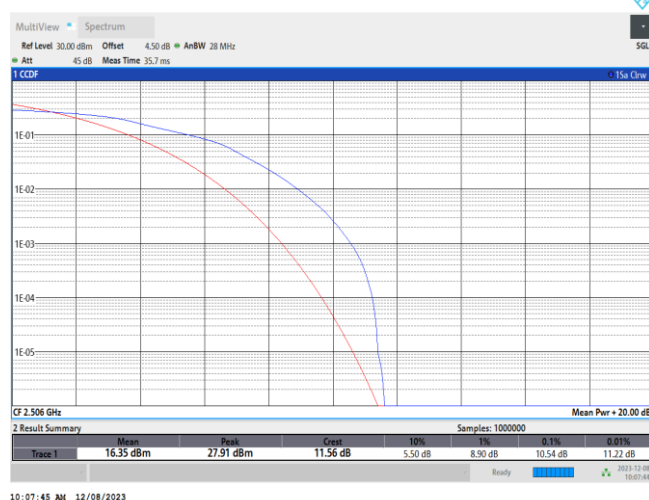
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Band41-20MHz-QPSK-41490-100RB#0



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



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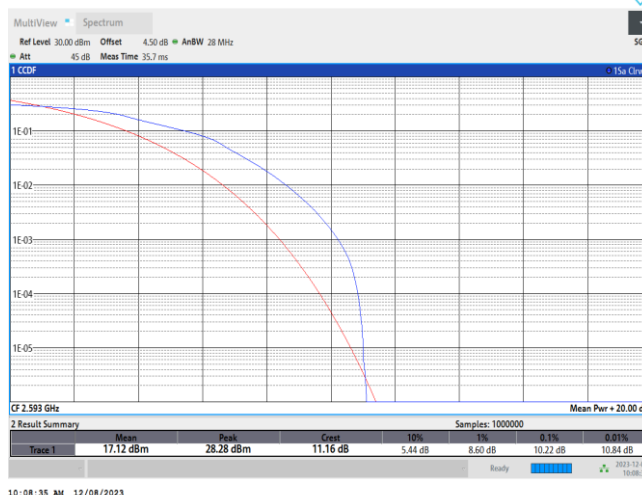
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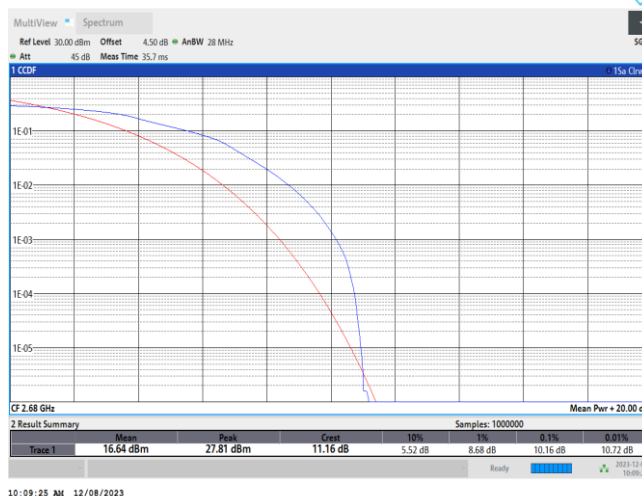
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Band41-20MHz-16QAM-40620-100RB#0



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



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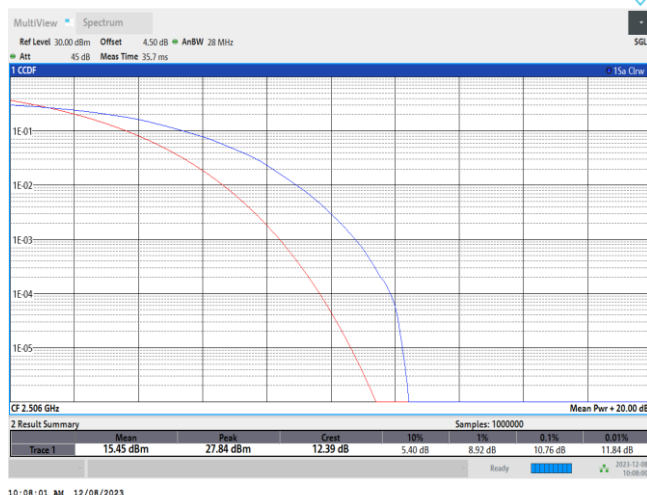
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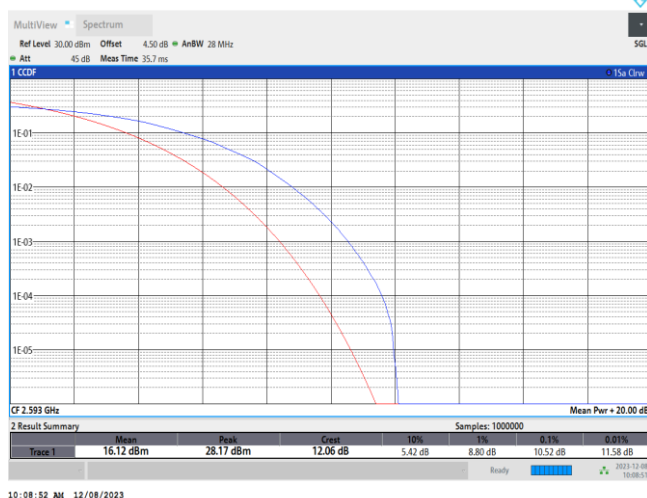
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Band41-20MHz-64QAM-40620-100RB#0



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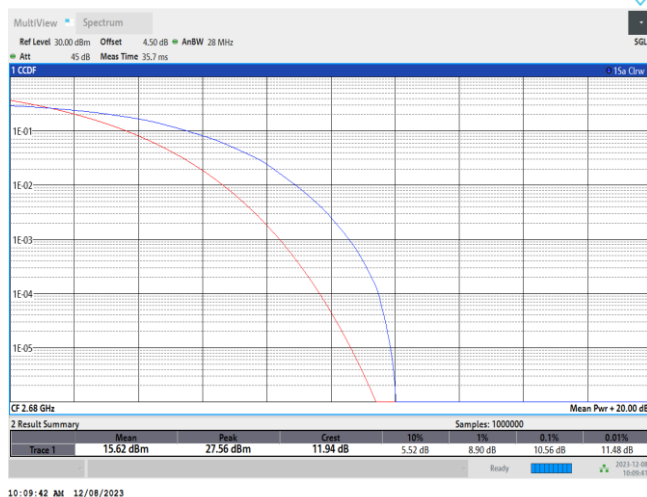
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Band41-20MHz-64QAM-41490-100RB#0



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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	4.487	5.08	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.481	5.06	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.481	5.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.949	10.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.948	9.88	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.95	9.76	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.481	14.97	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.494	15.03	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.475	14.91	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.915	19.72	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.923	19.52	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.929	19.72	PASS



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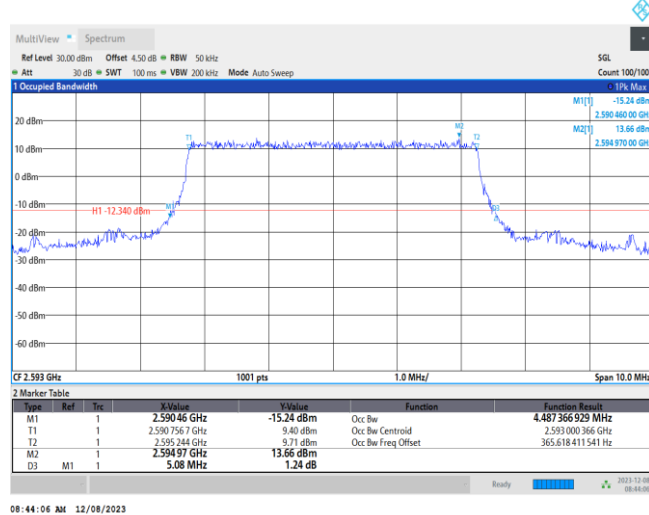
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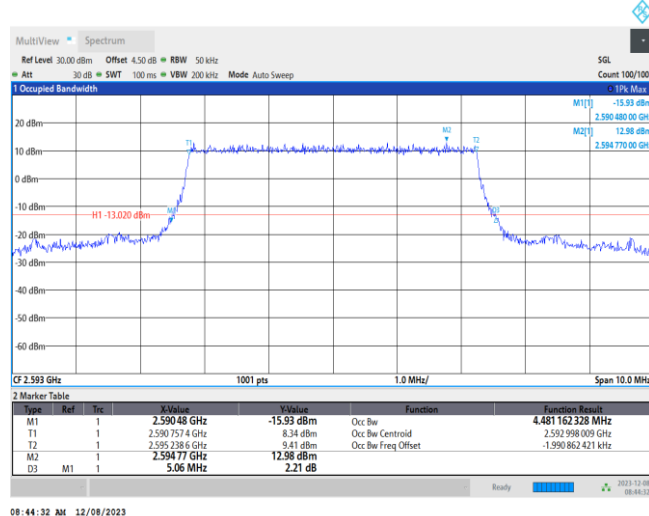
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Test Graphs

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



Band41-5MHz-16QAM-40620-25RB#0



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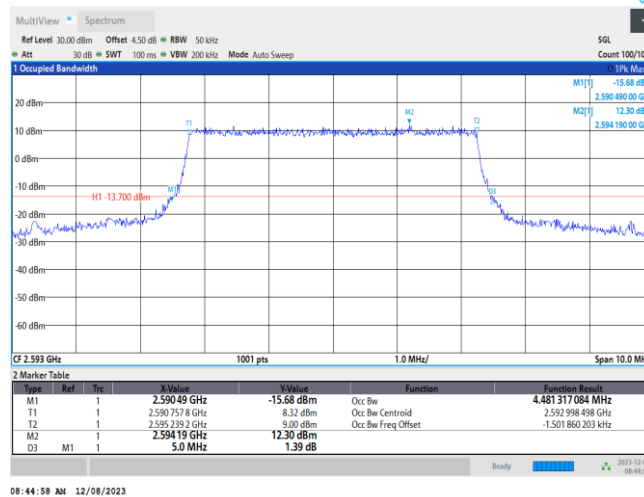
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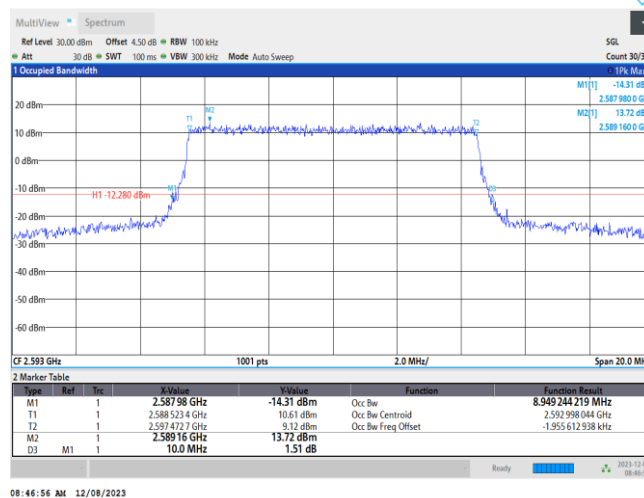
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Band41-10MHz-QPSK-40620-50RB#0



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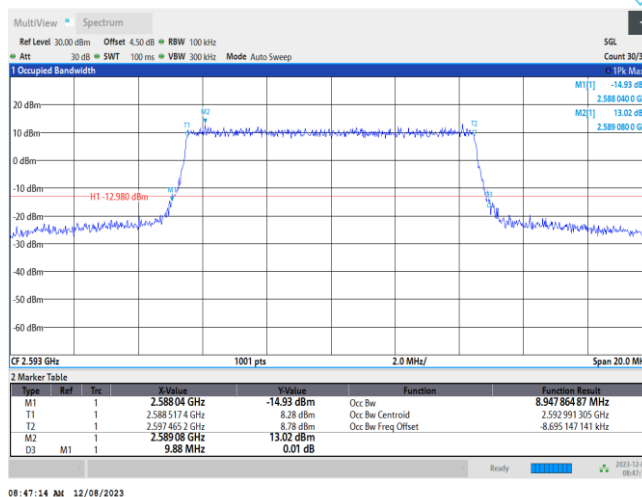
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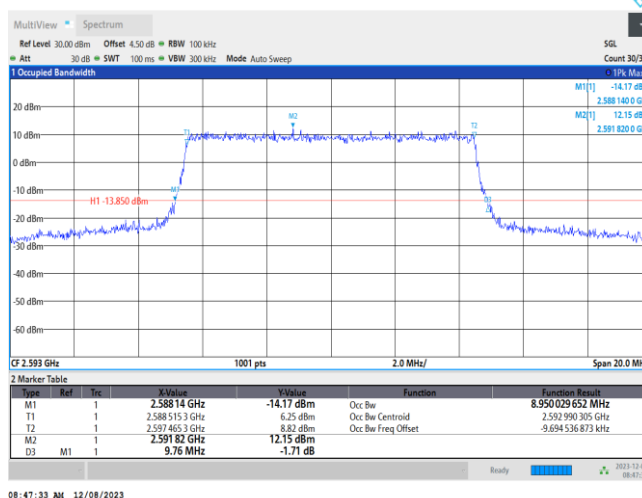
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Band41-10MHz-64QAM-40620-50RB#0



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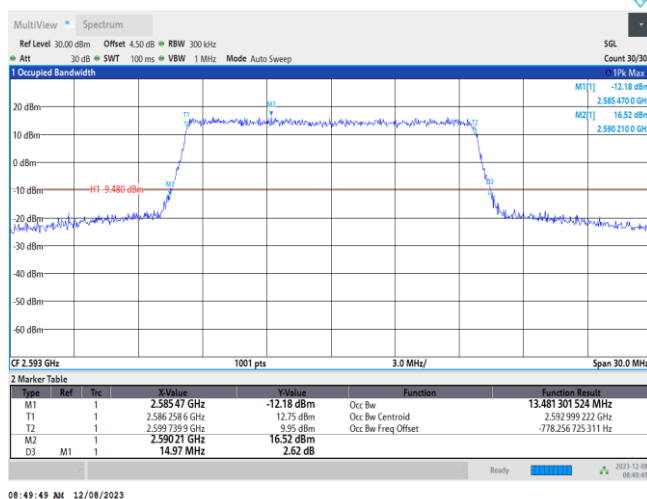
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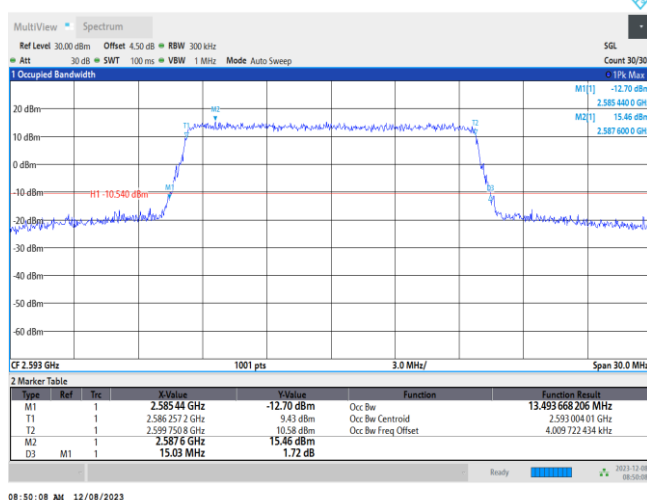
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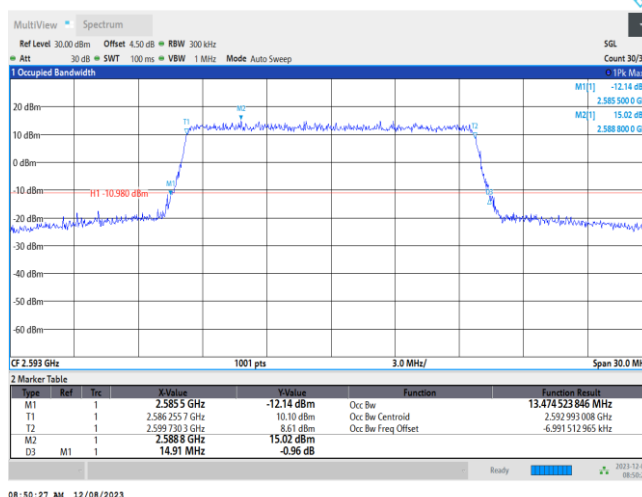
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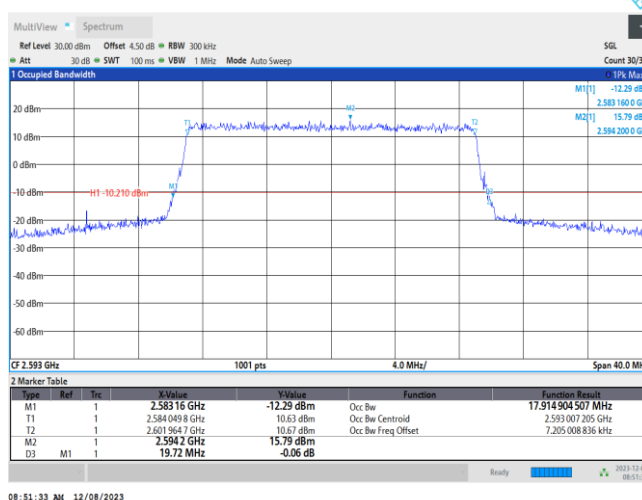
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Band41-15MHz-64QAM-40620-75RB#0



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



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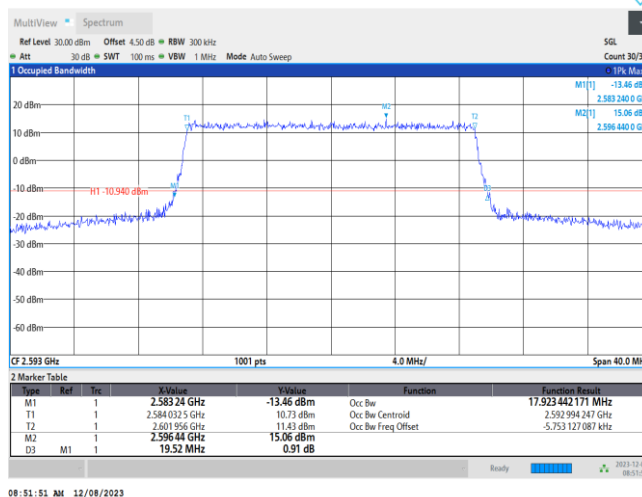
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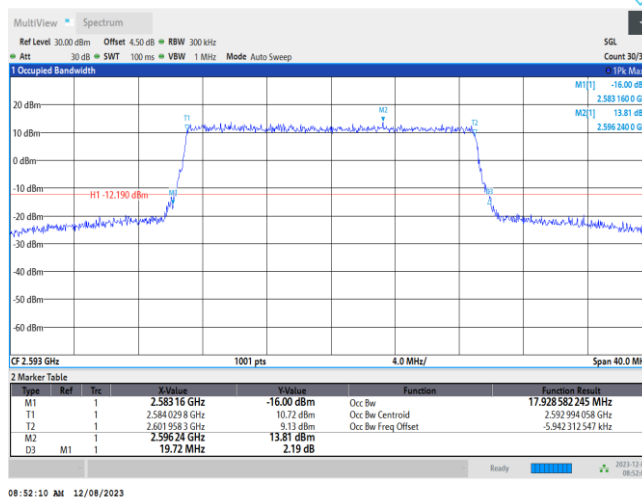
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Band41-20MHz-16QAM-40620-100RB#0



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Band Edge

Test Graphs

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



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



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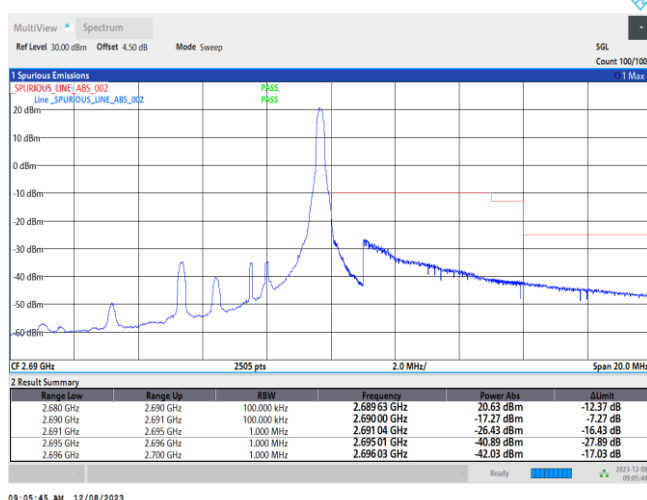
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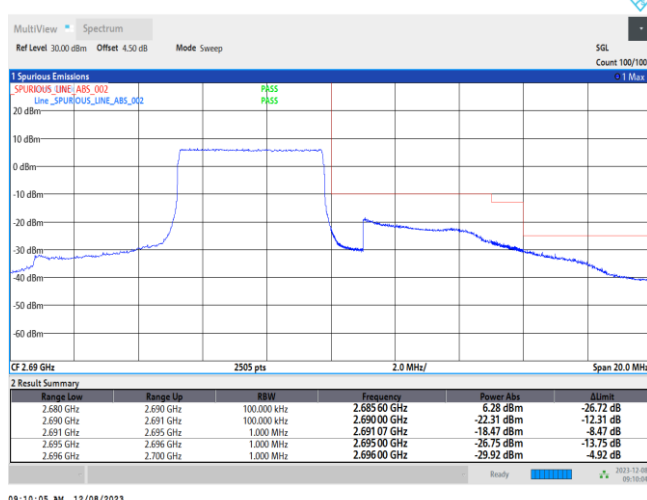
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Band41-5MHz-QPSK-41565-1RB#24



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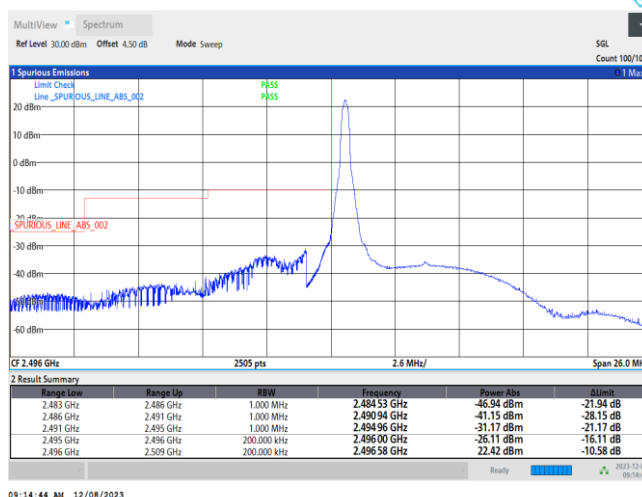
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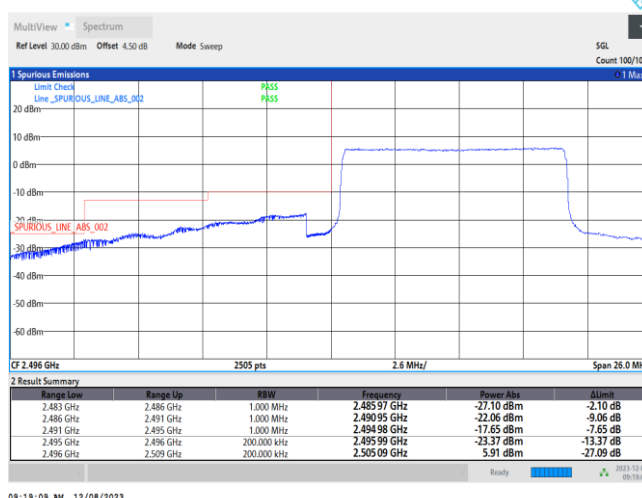
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Band41-10MHz-QPSK-39700-1RB#0



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



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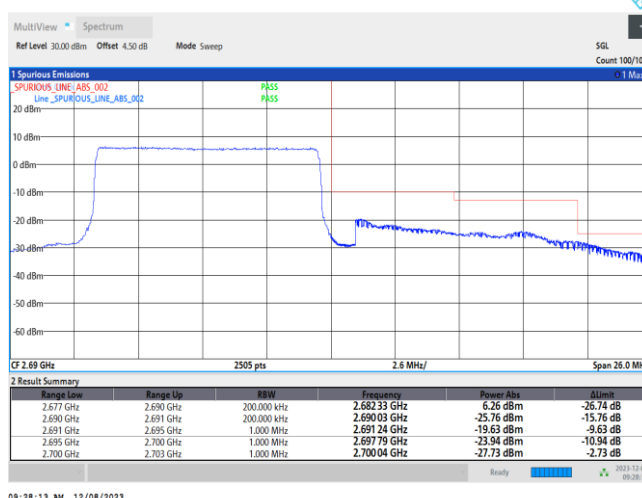
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Band41-10MHz-QPSK-41540-50RB#0



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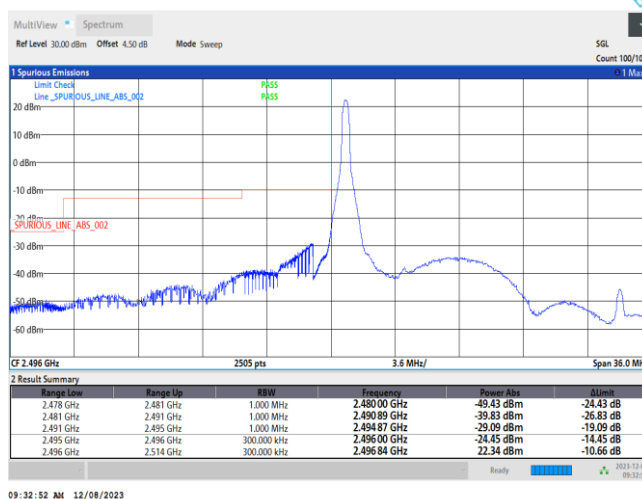
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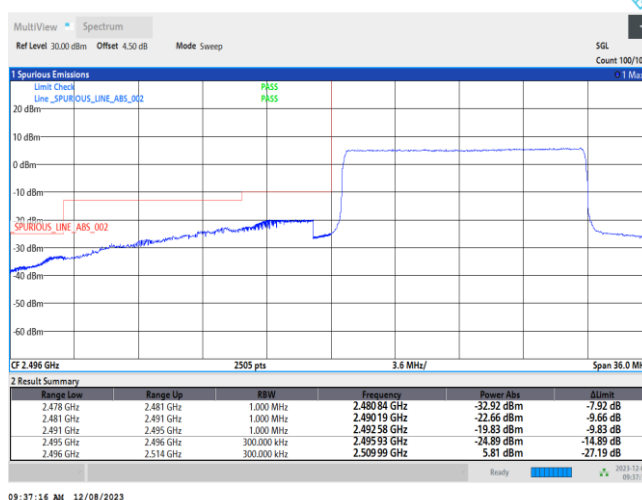
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Band41-15MHz-QPSK-39725-1RB#0



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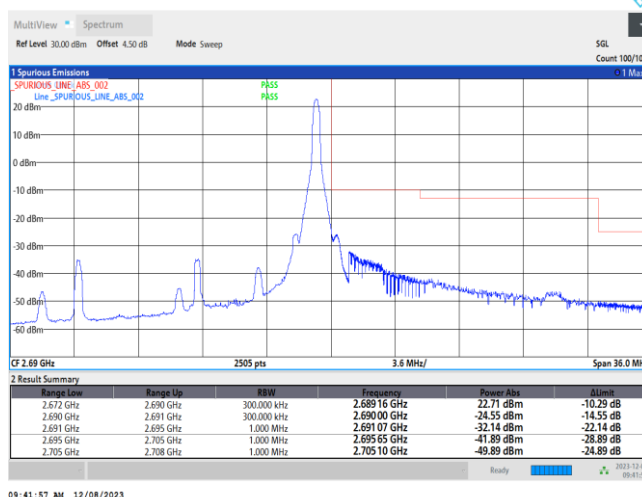
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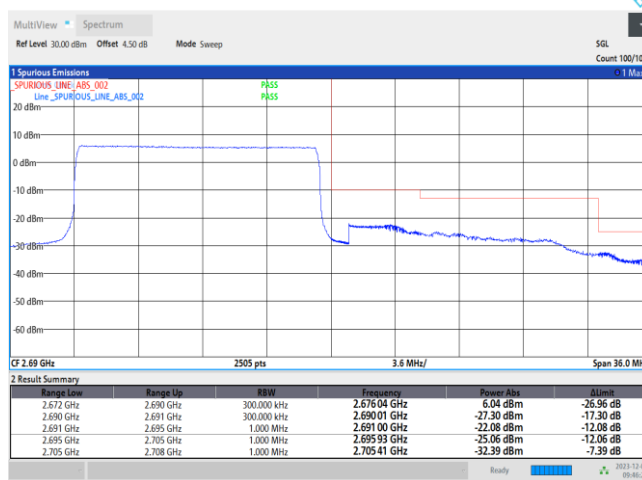
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Band41-15MHz-QPSK-41515-1RB#74



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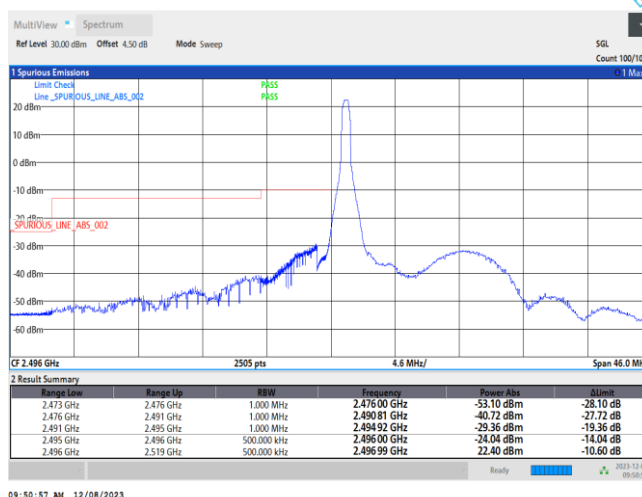
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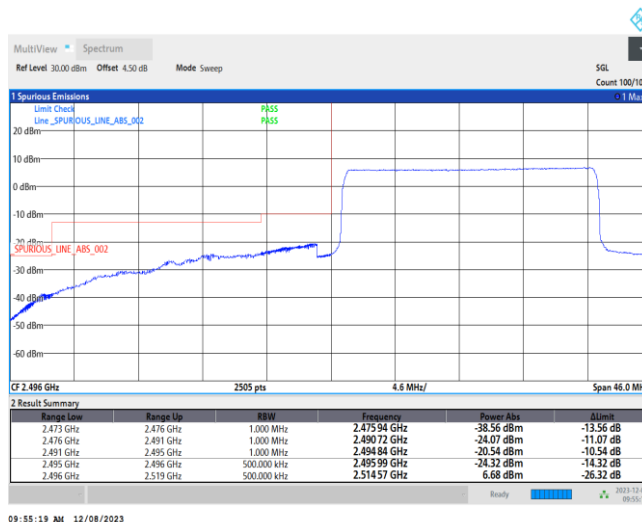
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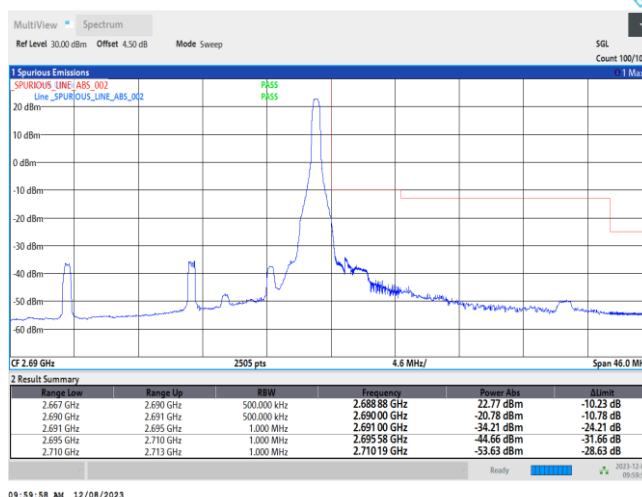
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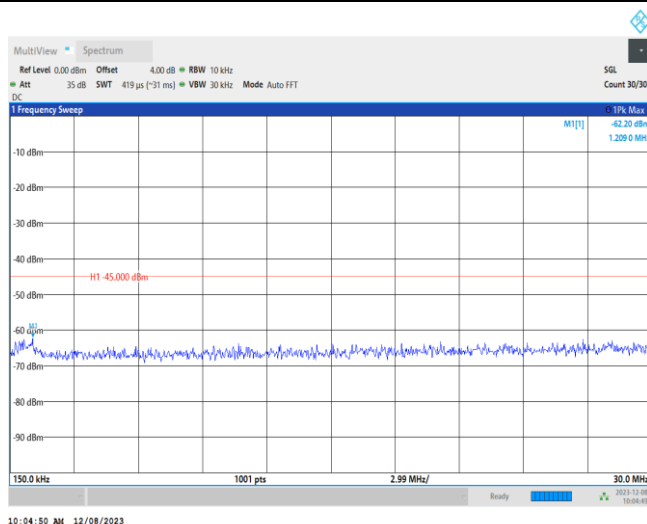
Conducted Spurious Emission

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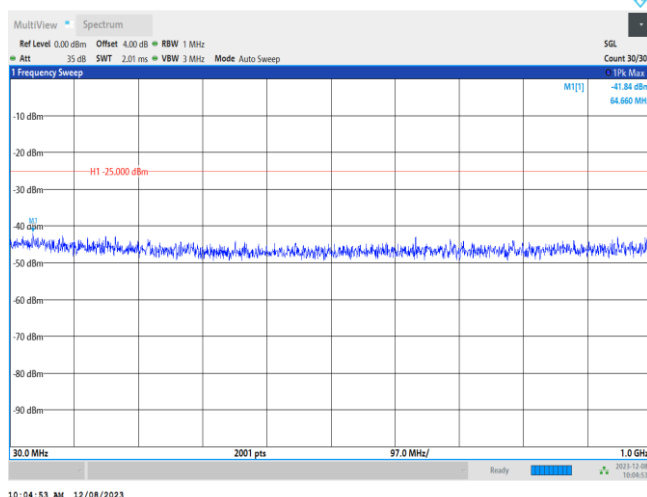
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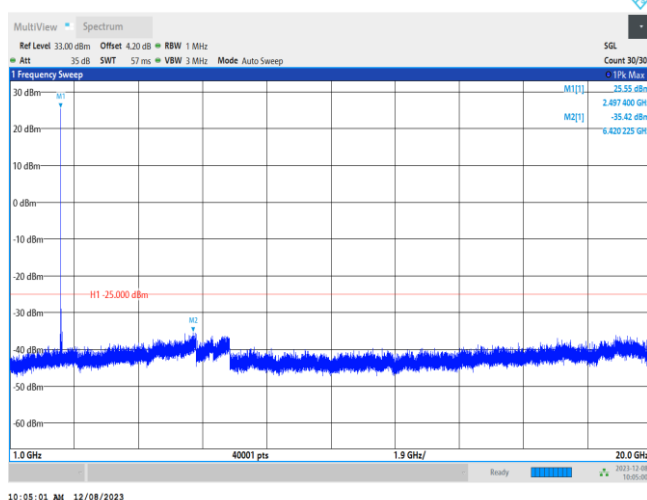
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Band41-20MHz-QPSK-39750-1RB#0-Range3:30~1000MHz



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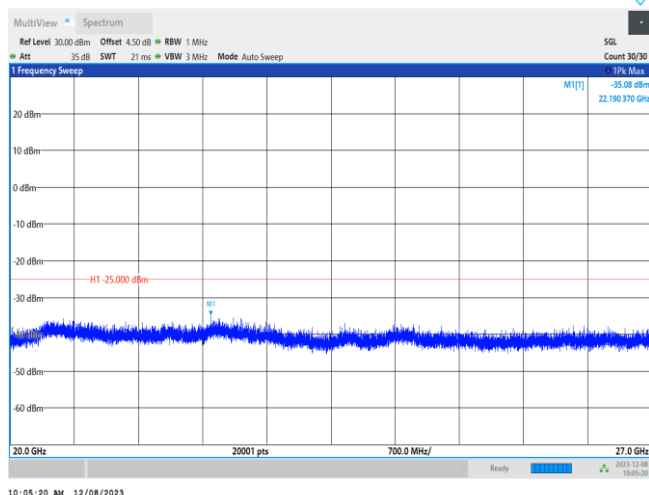
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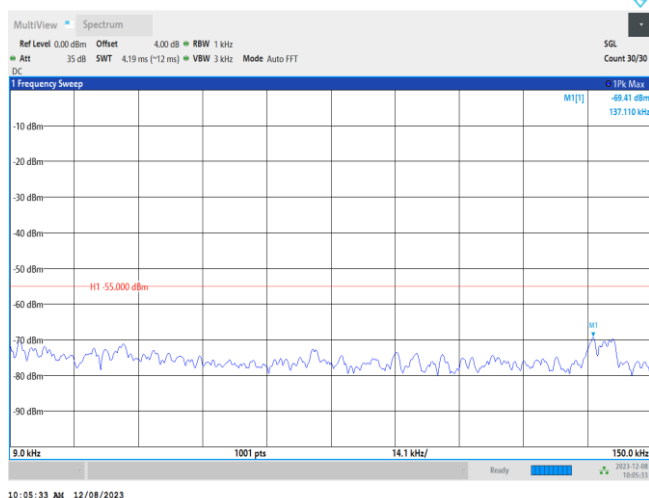
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Band41-20MHz-QPSK-39750-1RB#0-Range5:20000~27000MHz



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



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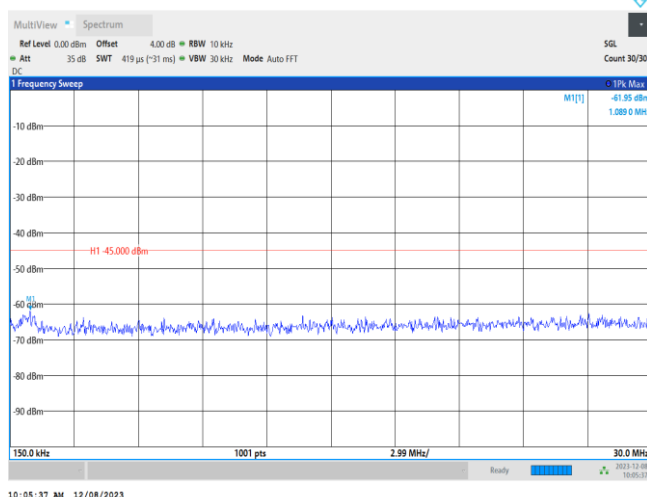
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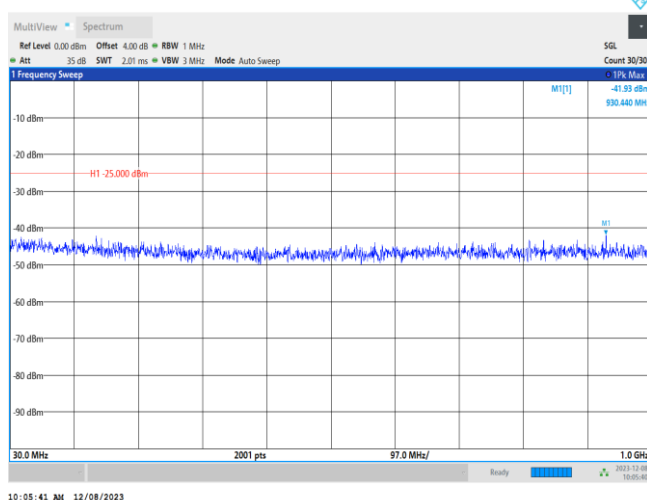
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Band41-20MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



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



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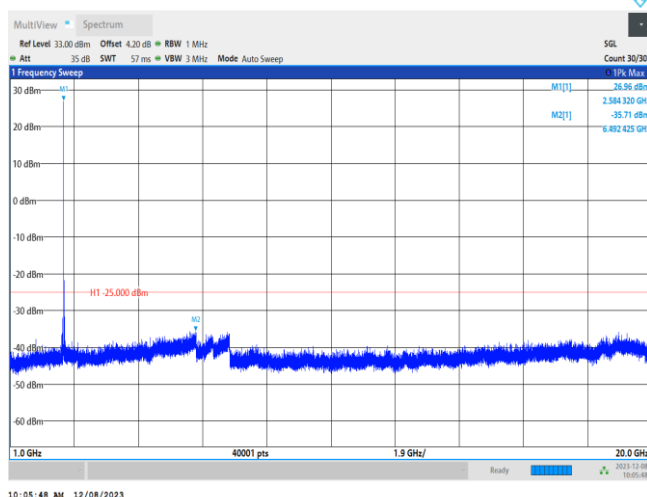
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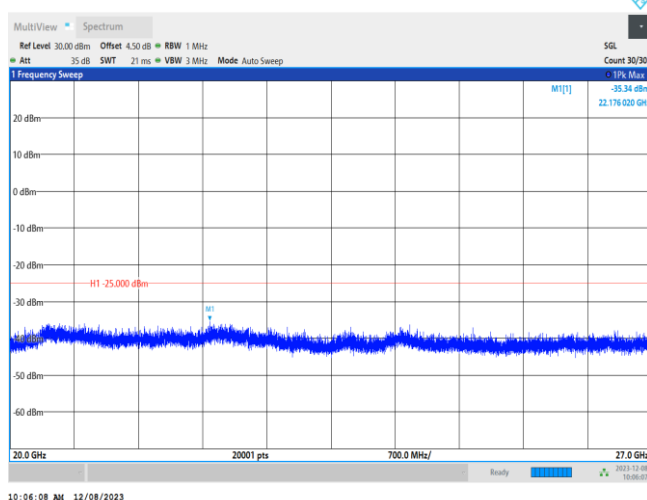
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Band41-20MHz-QPSK-40620-1RB#0-Range4:1000~20000MHz



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



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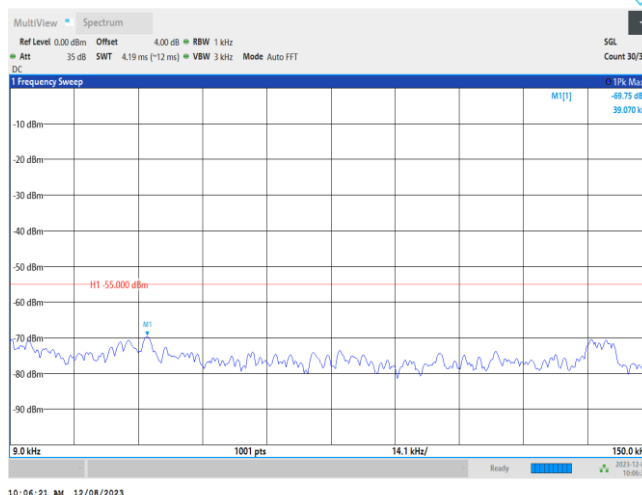
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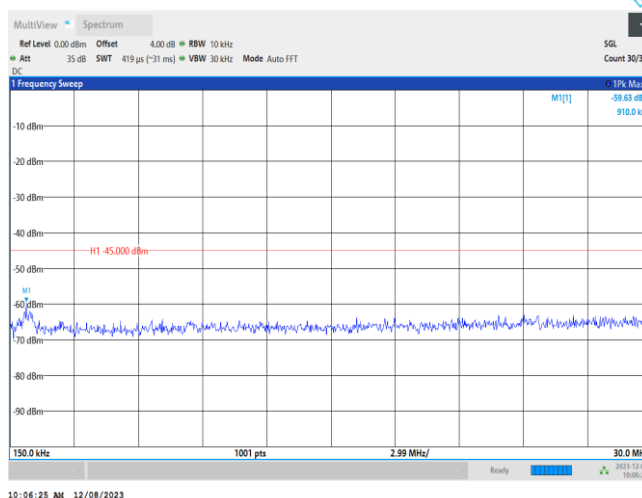
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Band41-20MHz-QPSK-41490-1RB#0-Range1:0.009~0.15MHz



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



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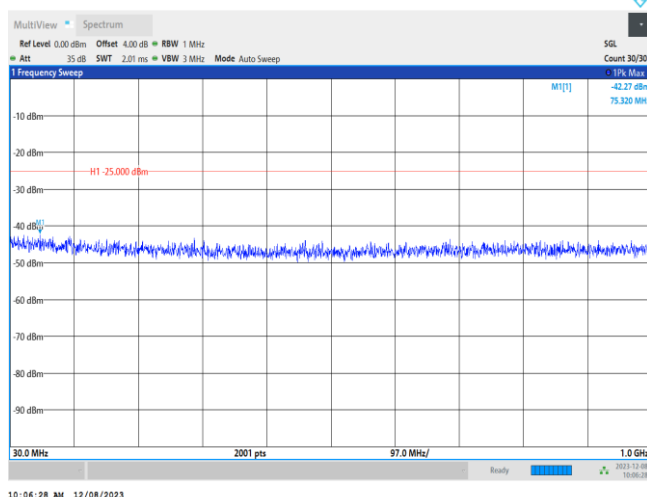
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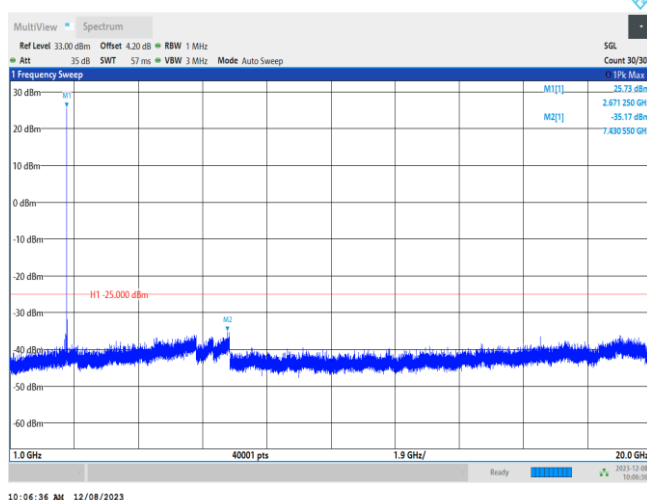
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Band41-20MHz-QPSK-41490-1RB#0-Range3:30~1000MHz



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



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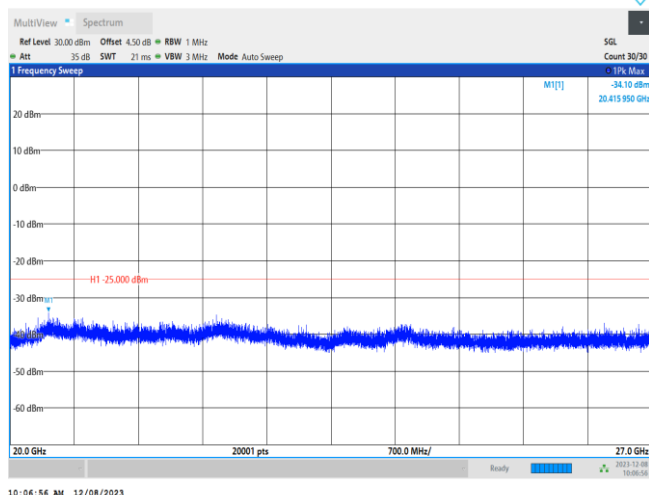
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Band41-20MHz-QPSK-41490-1RB#0-Range5:20000~27000MHz



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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	37.84	-41.46	33.19	-65.69	-25.00	40.69	Horizontal
2	7491.27	31.88	-37.79	36.59	-64.58	-25.00	39.58	Horizontal
3	9988.36	29.40	-32.43	37.90	-60.39	-25.00	35.39	Horizontal
4	12485.45	28.00	-29.85	38.98	-58.13	-25.00	33.13	Horizontal
5	14982.54	24.91	-28.17	40.10	-58.42	-25.00	33.42	Horizontal
6	17479.63	26.47	-24.60	40.05	-53.34	-25.00	28.34	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.18	35.53	-41.46	33.19	-68.00	-25.00	43.00	Vertical
2	7491.27	33.17	-37.79	36.59	-63.29	-25.00	38.29	Vertical
3	9988.36	29.49	-32.43	37.90	-60.30	-25.00	35.30	Vertical
4	12485.45	28.59	-29.85	38.98	-57.54	-25.00	32.54	Vertical
5	14982.54	24.48	-28.17	40.10	-58.85	-25.00	33.85	Vertical
6	17479.63	26.40	-24.60	40.05	-53.41	-25.00	28.41	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	17645	28.69	-24.50	40.45	-50.62	-25.00	25.62	Horizontal
2	5168.18	39.08	-40.96	33.17	-63.97	-25.00	38.97	Horizontal
3	7752.27	32.45	-37.04	36.85	-63.00	-25.00	38.00	Horizontal
4	10336.36	30.08	-31.94	38.07	-59.05	-25.00	34.05	Horizontal
5	12920.45	28.98	-29.92	39.50	-56.69	-25.00	31.69	Horizontal
6	15504.54	27.20	-27.86	39.14	-56.78	-25.00	31.78	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17009.5	30.43	-24.10	38.92	-50.01	-25.00	25.01	Vertical
2	5168.18	40.37	-40.96	33.17	-62.68	-25.00	37.68	Vertical
3	7752.27	32.39	-37.04	36.85	-63.06	-25.00	38.06	Vertical
4	10336.36	30.04	-31.94	38.07	-59.09	-25.00	34.09	Vertical
5	12920.45	29.55	-29.92	39.50	-56.12	-25.00	31.12	Vertical
6	15504.54	27.63	-27.86	39.14	-56.35	-25.00	31.35	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	16822.5	31.63	-25.43	38.78	-50.28	-25.00	25.28	Horizontal
2	5255.18	38.29	-40.87	33.15	-64.69	-25.00	39.69	Horizontal
3	7882.77	32.51	-36.68	36.98	-62.45	-25.00	37.45	Horizontal
4	10510.36	29.46	-31.19	38.16	-58.83	-25.00	33.83	Horizontal
5	13137.95	28.12	-29.34	39.70	-56.78	-25.00	31.78	Horizontal
6	15765.54	28.34	-27.85	38.64	-56.13	-25.00	31.13	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	17025	30.96	-24.34	38.96	-49.68	-25.00	24.68	Vertical
2	5255.18	39.88	-40.87	33.15	-63.10	-25.00	38.10	Vertical
3	7882.77	32.95	-36.68	36.98	-62.01	-25.00	37.01	Vertical
4	10510.36	29.13	-31.19	38.16	-59.16	-25.00	34.16	Vertical
5	13137.95	28.55	-29.34	39.70	-56.35	-25.00	31.35	Vertical
6	15765.54	27.82	-27.85	38.64	-56.65	-25.00	31.65	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:

$$AF = \text{Antenna Factor(dB/m)}$$

$$\text{Factor} = \text{Cable Factor(dB)} - \text{Preamplifier (dB)}$$

$$\text{Level} = \text{Reading Level} + AF + \text{Factor} - 95.26$$

$$\text{Margin} = \text{Limit} - \text{Level}$$


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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	0.80	0.000309	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	1.20	0.000463	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	0.50	0.000193	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-0.10	-0.000039	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	1.60	0.000617	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	-1.20	-0.000463	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	1.00	0.000386	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	1.60	0.000617	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	2.50	0.000964	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	-0.80	-0.000309	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	1.80	0.000694	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-1.10	-0.000424	PASS

---End of Attachment---



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