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Appendix B.10

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data

Test Result

ANT3

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	19.34	20.25	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	19.52	20.43	33.00	PASS
Band41	5MHz	QPSK	39675	1RB#24	19.36	20.27	33.00	PASS
Band41	5MHz	QPSK	39675	25RB#0	18.39	19.3	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#0	19.34	20.25	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#12	19.42	20.33	33.00	PASS
Band41	5MHz	QPSK	40620	1RB#24	19.27	20.18	33.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	18.33	19.24	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#0	19.29	20.2	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#12	19.44	20.35	33.00	PASS
Band41	5MHz	QPSK	41565	1RB#24	19.25	20.16	33.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	18.35	19.26	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#0	18.42	19.33	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#12	18.5	19.41	33.00	PASS
Band41	5MHz	16QAM	39675	1RB#24	18.4	19.31	33.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	17.45	18.36	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#0	18.35	19.26	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#12	18.41	19.32	33.00	PASS
Band41	5MHz	16QAM	40620	1RB#24	18.27	19.18	33.00	PASS
Band41	5MHz	16QAM	40620	25RB#0	17.4	18.31	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#0	18.36	19.27	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#12	18.47	19.38	33.00	PASS
Band41	5MHz	16QAM	41565	1RB#24	18.32	19.23	33.00	PASS
Band41	5MHz	16QAM	41565	25RB#0	17.35	18.26	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#0	17.03	17.94	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#12	17.27	18.18	33.00	PASS
Band41	5MHz	64QAM	39675	1RB#24	17.01	17.92	33.00	PASS



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Band41	5MHz	64QAM	39675	25RB#0	16.45	17.36	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#0	16.97	17.88	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#12	17.14	18.05	33.00	PASS
Band41	5MHz	64QAM	40620	1RB#24	16.89	17.8	33.00	PASS
Band41	5MHz	64QAM	40620	25RB#0	16.39	17.3	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#0	16.94	17.85	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#12	17.13	18.04	33.00	PASS
Band41	5MHz	64QAM	41565	1RB#24	16.9	17.81	33.00	PASS
Band41	5MHz	64QAM	41565	25RB#0	16.43	17.34	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#0	19.44	20.35	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#24	19.61	20.52	33.00	PASS
Band41	10MHz	QPSK	39700	1RB#49	19.46	20.37	33.00	PASS
Band41	10MHz	QPSK	39700	50RB#0	18.44	19.35	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#0	19.4	20.31	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#24	19.54	20.45	33.00	PASS
Band41	10MHz	QPSK	40620	1RB#49	19.31	20.22	33.00	PASS
Band41	10MHz	QPSK	40620	50RB#0	18.32	19.23	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#0	19.32	20.23	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#24	19.55	20.46	33.00	PASS
Band41	10MHz	QPSK	41540	1RB#49	19.34	20.25	33.00	PASS
Band41	10MHz	QPSK	41540	50RB#0	18.39	19.3	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#0	18.45	19.36	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#24	18.61	19.52	33.00	PASS
Band41	10MHz	16QAM	39700	1RB#49	18.45	19.36	33.00	PASS
Band41	10MHz	16QAM	39700	50RB#0	17.4	18.31	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#0	18.41	19.32	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#24	18.55	19.46	33.00	PASS
Band41	10MHz	16QAM	40620	1RB#49	18.29	19.2	33.00	PASS
Band41	10MHz	16QAM	40620	50RB#0	17.38	18.29	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#0	18.37	19.28	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#24	18.58	19.49	33.00	PASS
Band41	10MHz	16QAM	41540	1RB#49	18.36	19.27	33.00	PASS



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Band41	10MHz	16QAM	41540	50RB#0	17.39	18.3	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#0	17.1	18.01	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#24	17.24	18.15	33.00	PASS
Band41	10MHz	64QAM	39700	1RB#49	17.09	18	33.00	PASS
Band41	10MHz	64QAM	39700	50RB#0	16.4	17.31	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#0	17.05	17.96	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#24	17.19	18.1	33.00	PASS
Band41	10MHz	64QAM	40620	1RB#49	16.98	17.89	33.00	PASS
Band41	10MHz	64QAM	40620	50RB#0	16.32	17.23	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#0	16.98	17.89	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#24	17.19	18.1	33.00	PASS
Band41	10MHz	64QAM	41540	1RB#49	16.92	17.83	33.00	PASS
Band41	10MHz	64QAM	41540	50RB#0	16.34	17.25	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#0	19.2	20.11	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#38	19.49	20.4	33.00	PASS
Band41	15MHz	QPSK	39725	1RB#74	19.23	20.14	33.00	PASS
Band41	15MHz	QPSK	39725	75RB#0	18.3	19.21	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#0	19.25	20.16	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#38	19.41	20.32	33.00	PASS
Band41	15MHz	QPSK	40620	1RB#74	19.11	20.02	33.00	PASS
Band41	15MHz	QPSK	40620	75RB#0	18.29	19.2	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#0	19.12	20.03	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#38	19.32	20.23	33.00	PASS
Band41	15MHz	QPSK	41515	1RB#74	19.15	20.06	33.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	18.27	19.18	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#0	18.26	19.17	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#38	18.48	19.39	33.00	PASS
Band41	15MHz	16QAM	39725	1RB#74	18.22	19.13	33.00	PASS
Band41	15MHz	16QAM	39725	75RB#0	17.29	18.2	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#0	18.16	19.07	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#38	18.36	19.27	33.00	PASS
Band41	15MHz	16QAM	40620	1RB#74	18.13	19.04	33.00	PASS



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Band41	15MHz	16QAM	40620	75RB#0	17.22	18.13	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#0	18.16	19.07	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#38	18.37	19.28	33.00	PASS
Band41	15MHz	16QAM	41515	1RB#74	18.14	19.05	33.00	PASS
Band41	15MHz	16QAM	41515	75RB#0	17.26	18.17	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#0	16.89	17.8	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#38	17.04	17.95	33.00	PASS
Band41	15MHz	64QAM	39725	1RB#74	16.88	17.79	33.00	PASS
Band41	15MHz	64QAM	39725	75RB#0	16.27	17.18	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#0	16.88	17.79	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#38	17	17.91	33.00	PASS
Band41	15MHz	64QAM	40620	1RB#74	16.73	17.64	33.00	PASS
Band41	15MHz	64QAM	40620	75RB#0	16.23	17.14	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#0	16.76	17.67	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#38	16.99	17.9	33.00	PASS
Band41	15MHz	64QAM	41515	1RB#74	16.75	17.66	33.00	PASS
Band41	15MHz	64QAM	41515	75RB#0	16.29	17.2	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#0	19.08	19.99	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#49	19.55	20.46	33.00	PASS
Band41	20MHz	QPSK	39750	1RB#99	19.02	19.93	33.00	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.31	19.22	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#0	19.09	20	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#49	19.41	20.32	33.00	PASS
Band41	20MHz	QPSK	40620	1RB#99	18.97	19.88	33.00	PASS
Band41	20MHz	QPSK	40620	100RB#0	18.24	19.15	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	19.01	19.92	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#49	19.46	20.37	33.00	PASS
Band41	20MHz	QPSK	41490	1RB#99	19	19.91	33.00	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.31	19.22	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#0	18.12	19.03	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#49	18.57	19.48	33.00	PASS
Band41	20MHz	16QAM	39750	1RB#99	18.02	18.93	33.00	PASS



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Band41	20MHz	16QAM	40620	1RB#0	18.1	19.01	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#49	18.42	19.33	33.00	PASS
Band41	20MHz	16QAM	40620	1RB#99	17.99	18.9	33.00	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.22	18.13	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#0	18.07	18.98	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#49	18.43	19.34	33.00	PASS
Band41	20MHz	16QAM	41490	1RB#99	18.05	18.96	33.00	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.3	18.21	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#0	16.79	17.7	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#49	17.2	18.11	33.00	PASS
Band41	20MHz	64QAM	39750	1RB#99	16.67	17.58	33.00	PASS
Band41	20MHz	64QAM	39750	100RB#0	16.3	17.21	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#0	16.76	17.67	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#49	17.1	18.01	33.00	PASS
Band41	20MHz	64QAM	40620	1RB#99	16.64	17.55	33.00	PASS
Band41	20MHz	64QAM	40620	100RB#0	16.21	17.12	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#0	16.68	17.59	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#49	17.14	18.05	33.00	PASS
Band41	20MHz	64QAM	41490	1RB#99	16.64	17.55	33.00	PASS
Band41	20MHz	64QAM	41490	100RB#0	16.31	17.22	33.00	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

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Band41	20MHz	QPSK	39750	100RB#0	7.26	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	7.12	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	7.36	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	8.02	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	7.84	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	8.12	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	8.28	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	8.28	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	8.50	13	PASS



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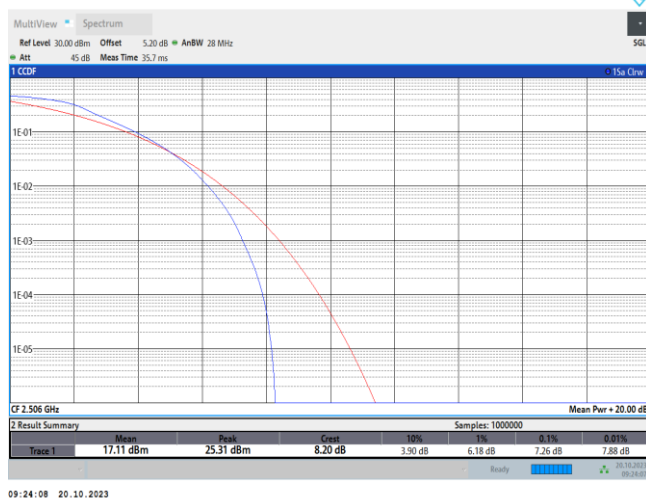
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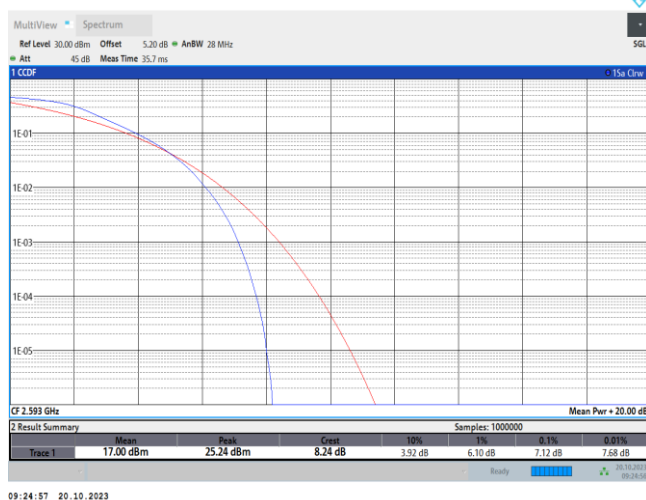
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Test Graphs

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



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



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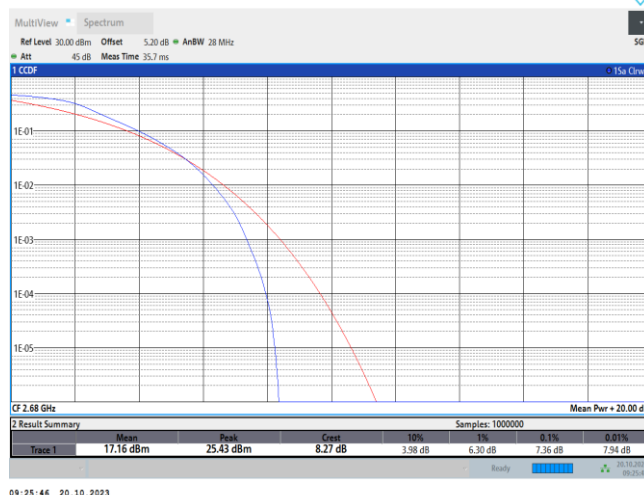
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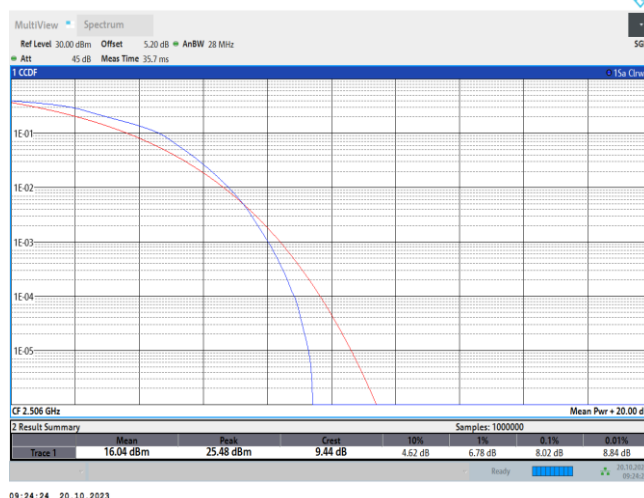
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Band41-20MHz-QPSK-41490-100RB#0



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



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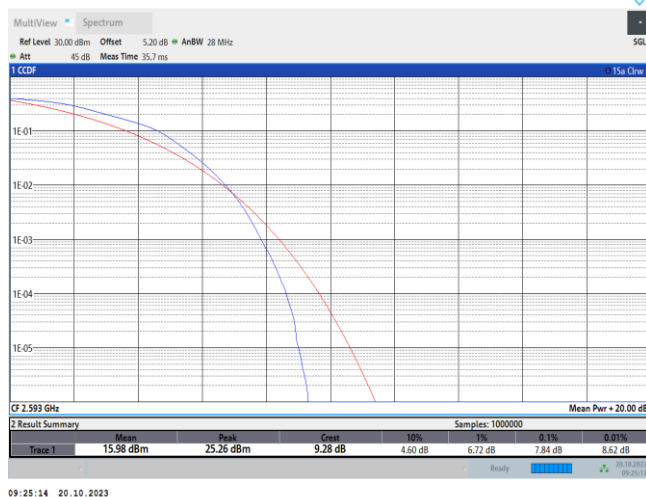
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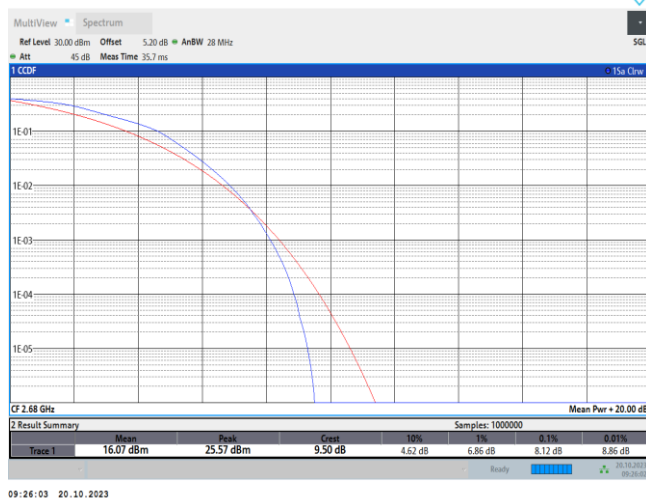
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Band41-20MHz-16QAM-40620-100RB#0



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



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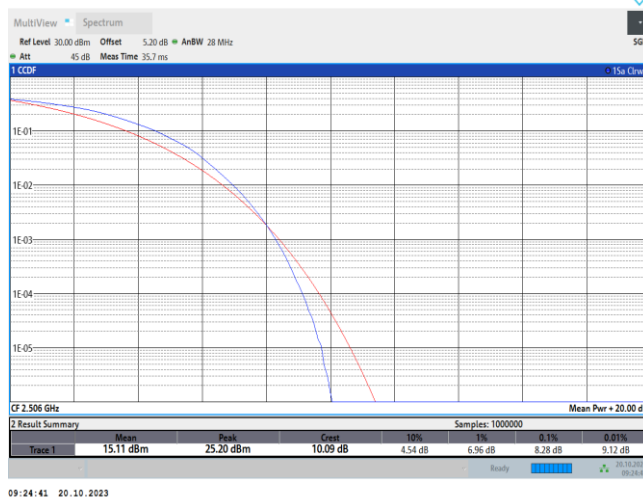
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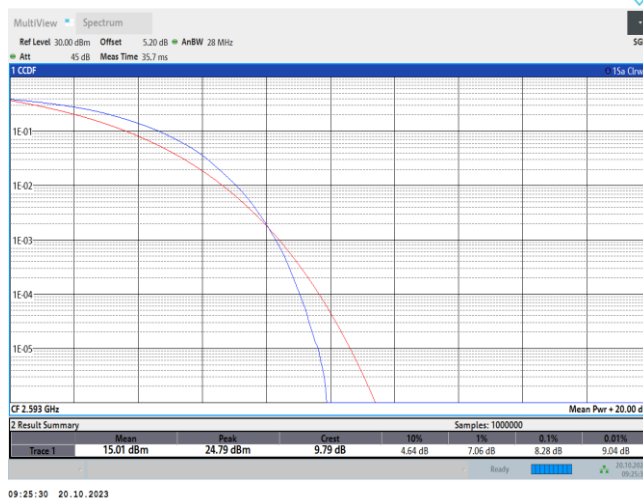
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Band41-20MHz-64QAM-39750-100RB#0



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



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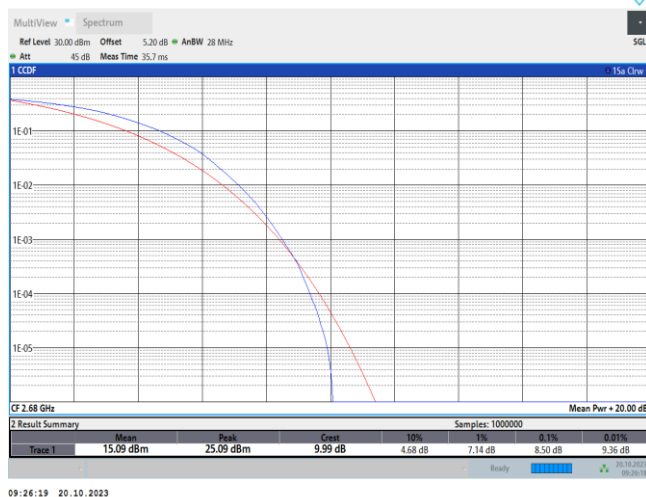
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Band41-20MHz-64QAM-41490-100RB#0



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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	4.473	5.04	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.473	5.10	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.481	5.03	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.927	9.60	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.924	9.88	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.928	9.58	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.477	15.60	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.456	15.75	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.439	15.09	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.89	19.60	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.916	19.24	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.885	20.00	PASS



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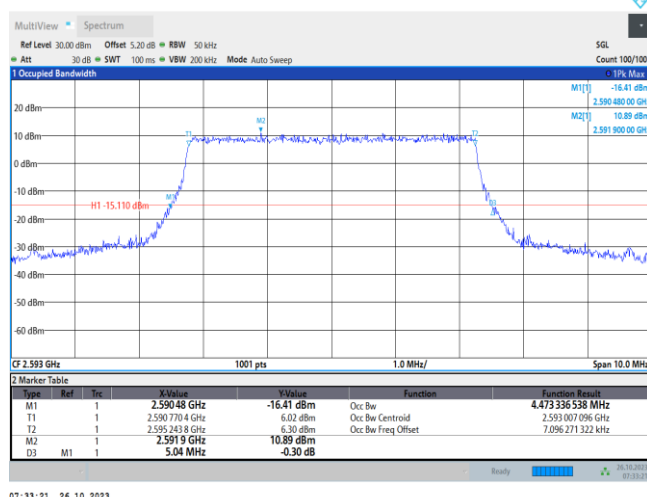
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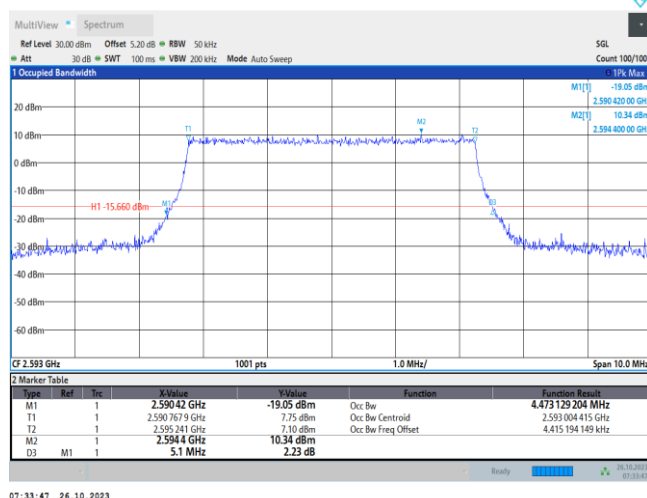
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Test Graphs

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



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



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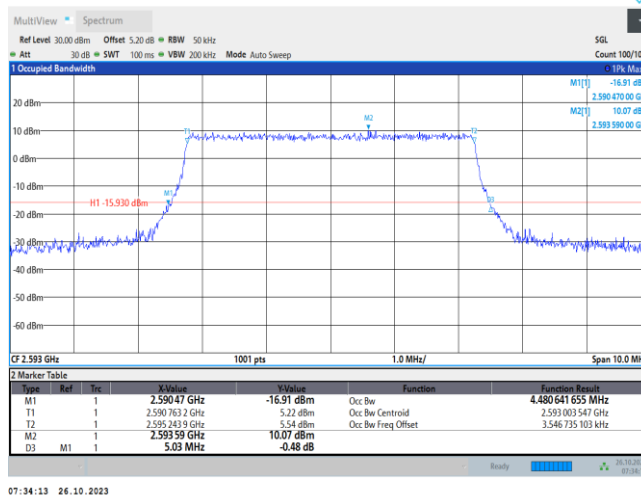
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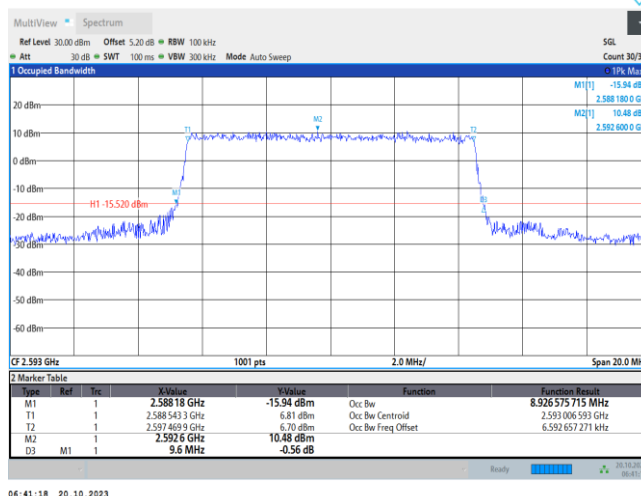
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07:34:13 26.10.2023

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



06:41:18 20.10.2023



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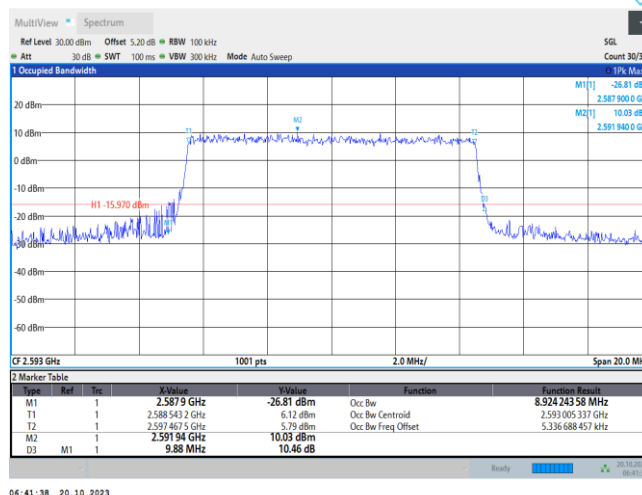
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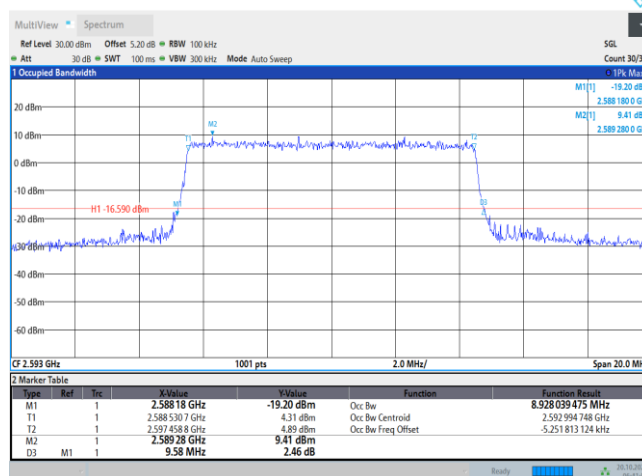
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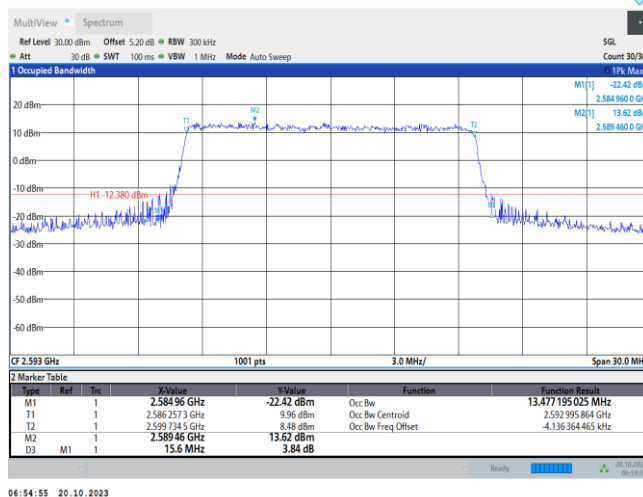
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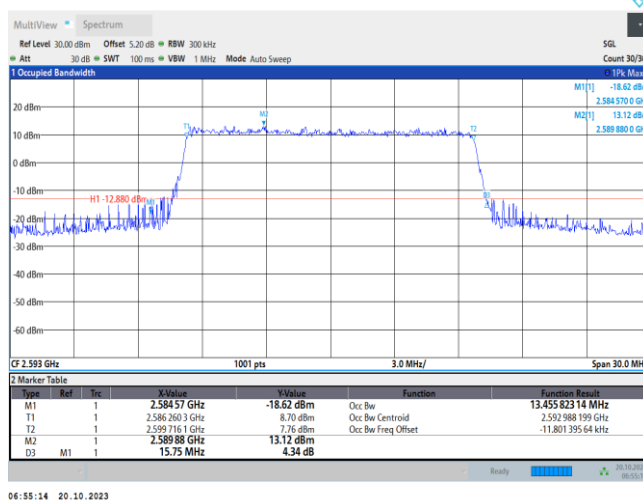
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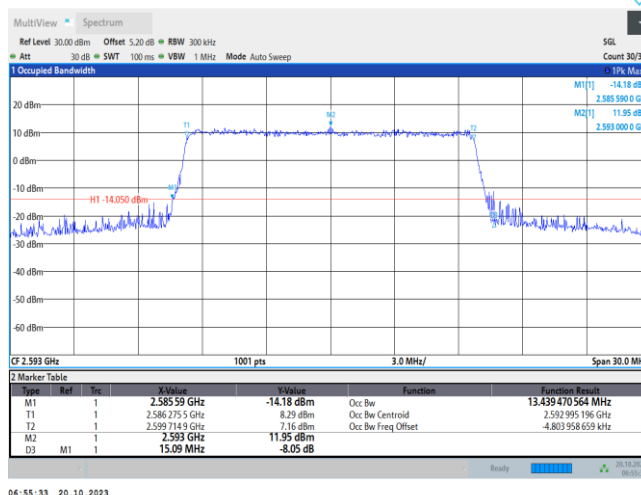
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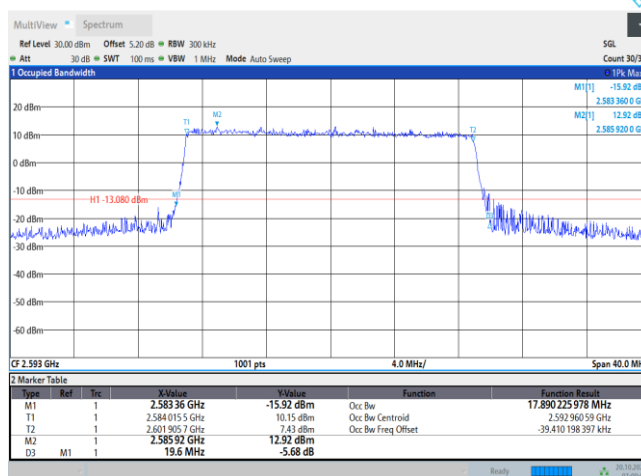
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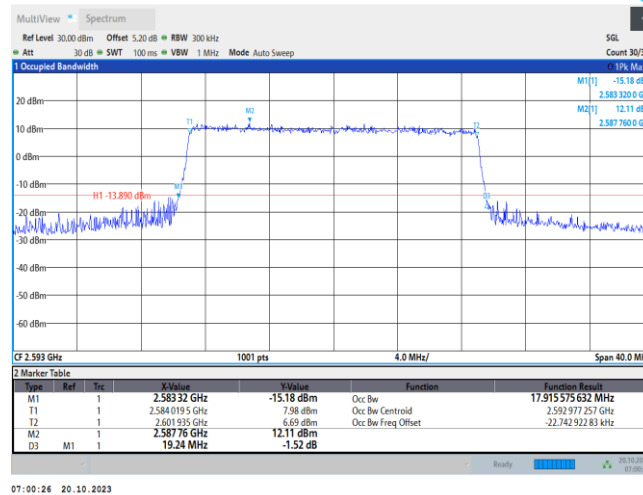
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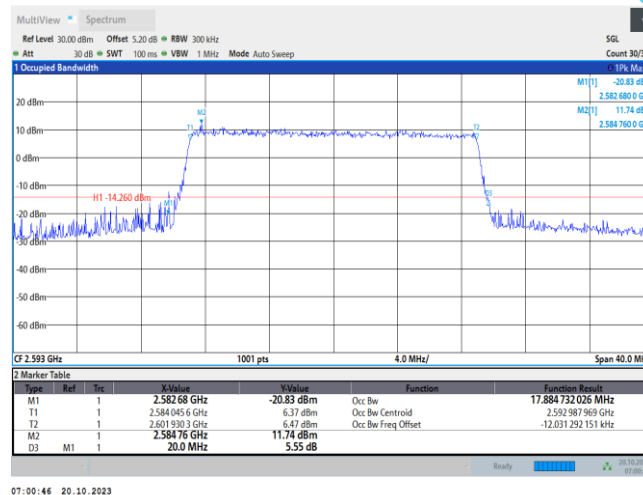
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Band41-20MHz-64QAM-40620-100RB#0



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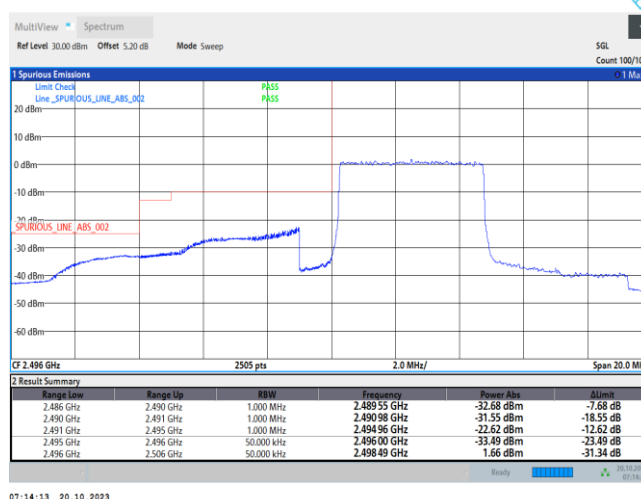
Band Edge

Test Graphs

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



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



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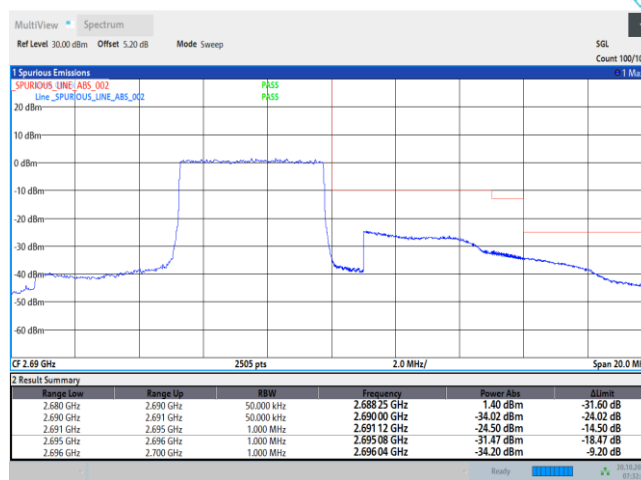
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Band41-5MHz-QPSK-41565-1RB#24



07:23:27 20.10.2023

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



07:32:15 20.10.2023



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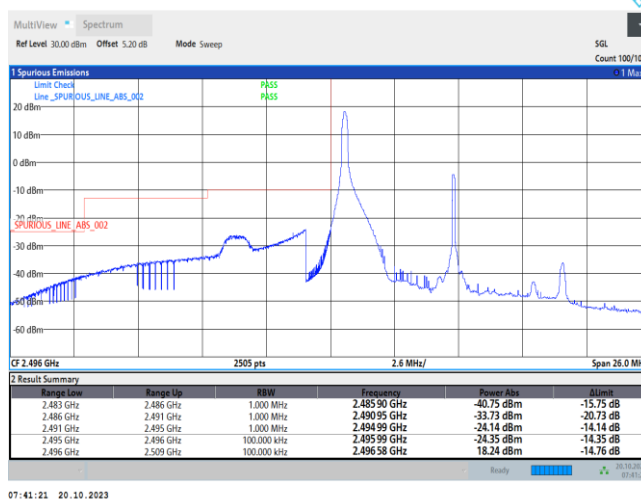
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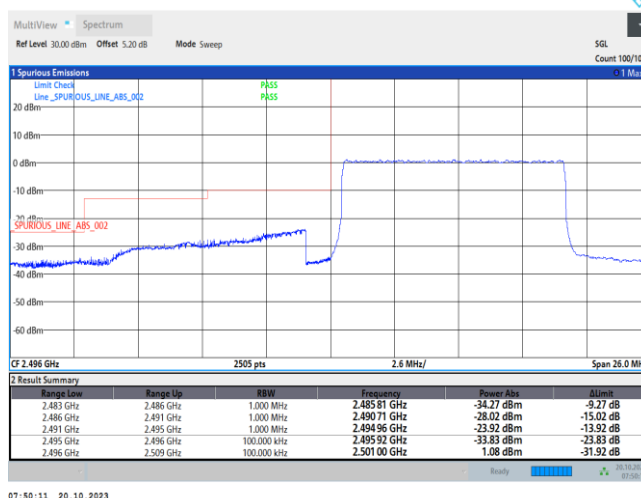
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Band41-10MHz-QPSK-39700-1RB#0



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



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Band41-10MHz-QPSK-41540-1RB#49



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



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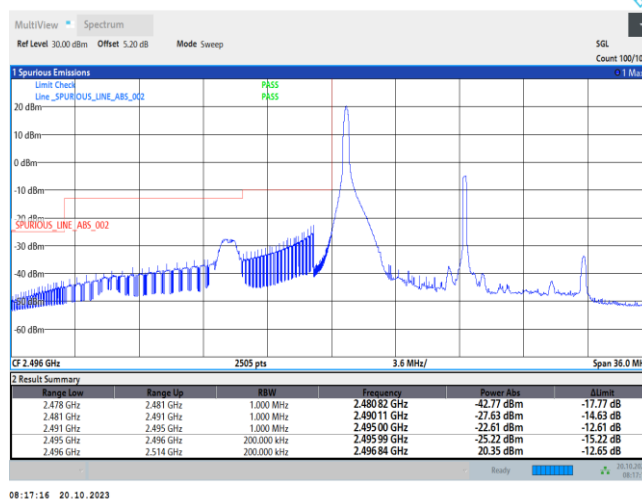
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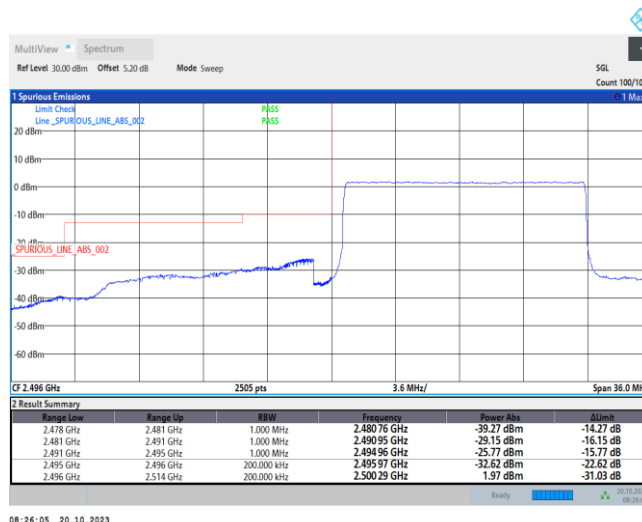
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Band41-15MHz-QPSK-39725-1RB#0



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



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



08:35:16 20.10.2023

Band41-15MHz-QPSK-41515-75RB#0



08:44:03 20.10.2023



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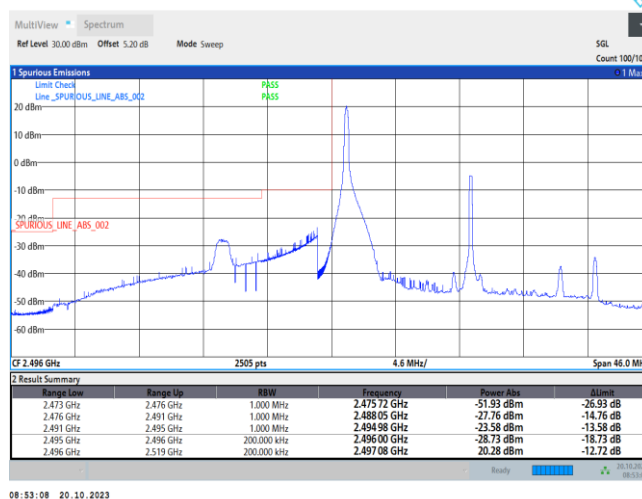
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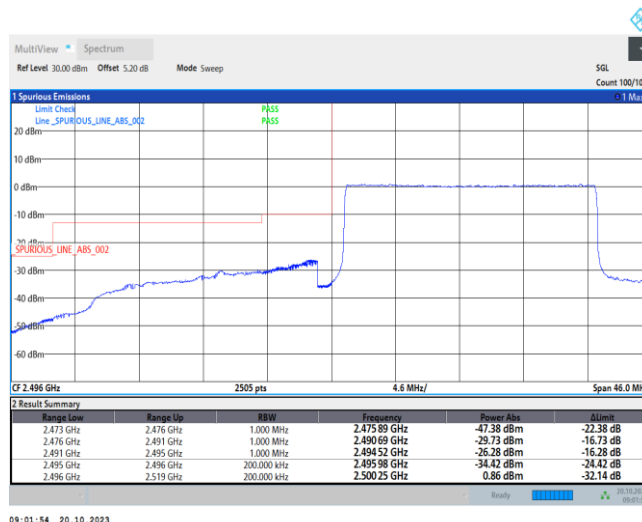
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Band41-20MHz-QPSK-39750-1RB#0



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



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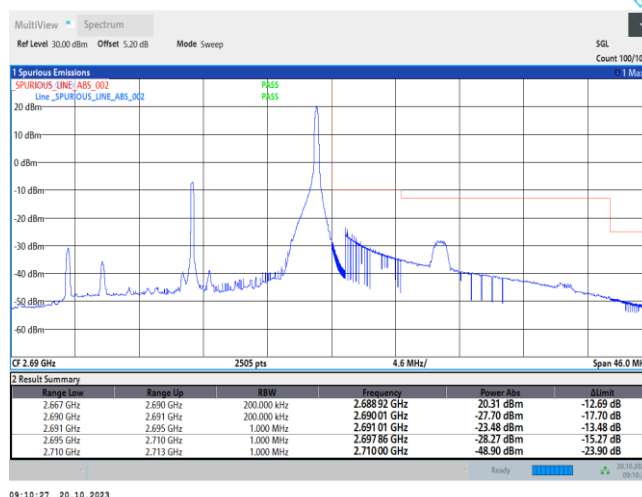
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Band41-20MHz-QPSK-41490-1RB#99



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



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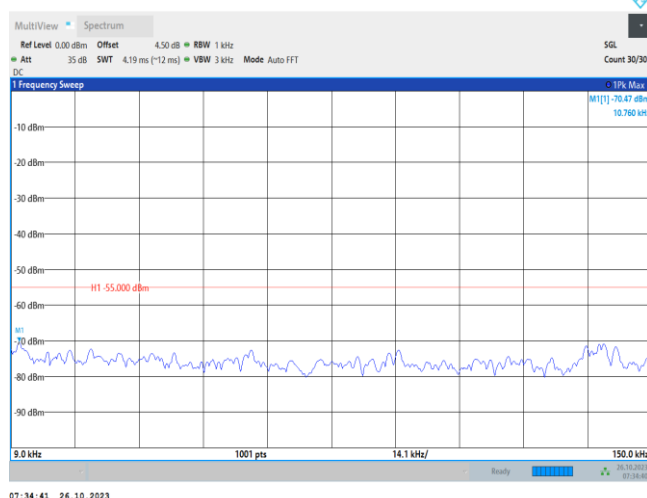
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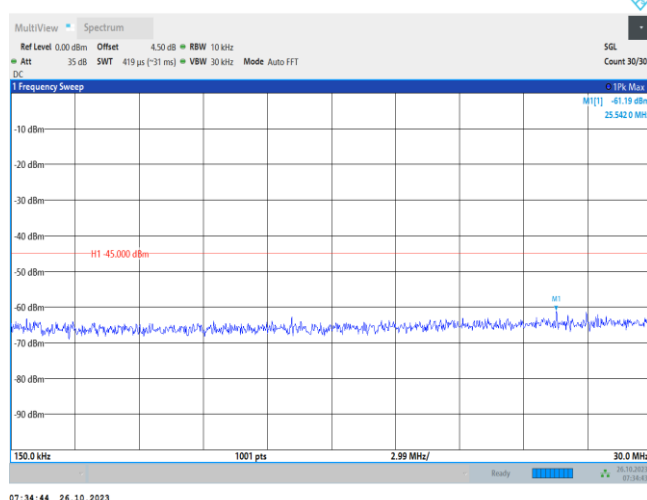
Conducted Spurious Emission

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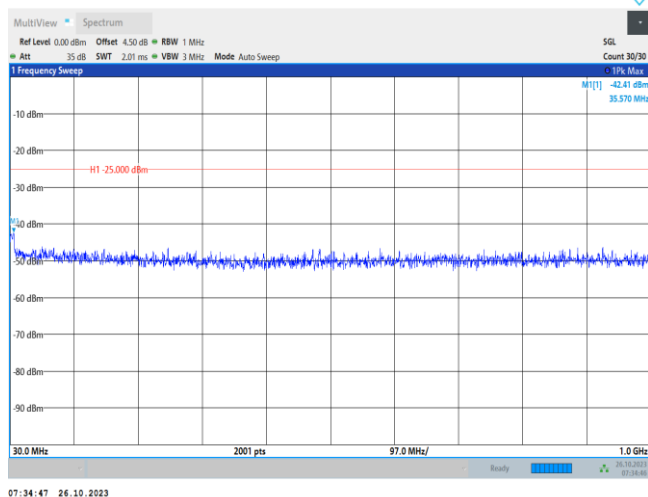
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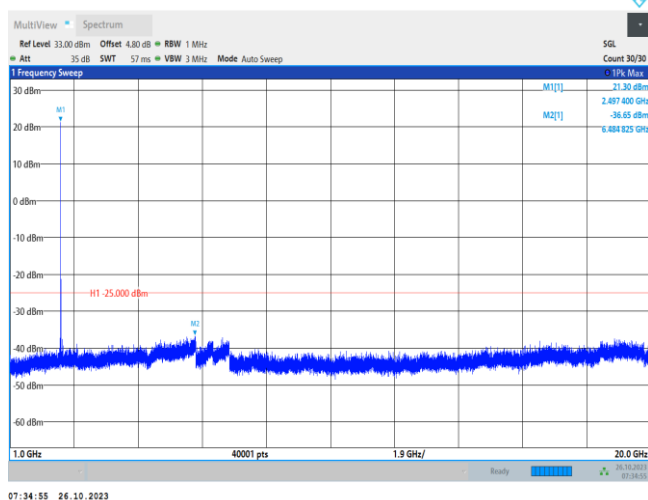
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Band41-20MHz-QPSK-39750-1RB#0-Range4:1000~20000MHz



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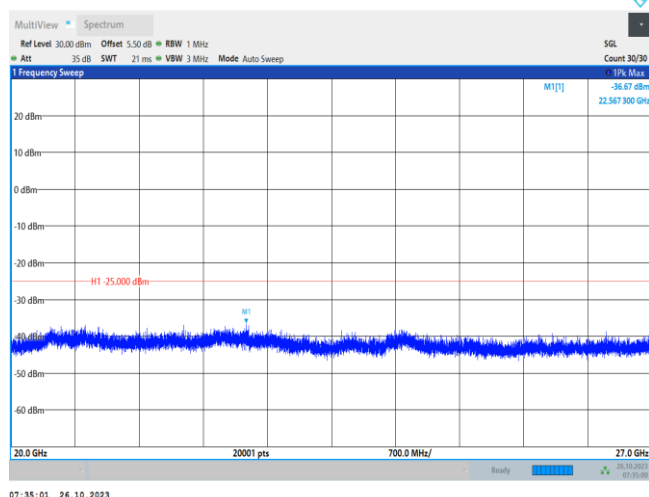
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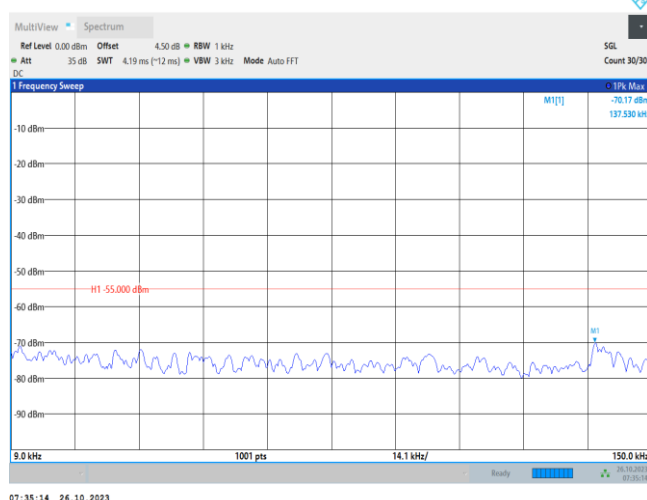
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Band41-20MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz



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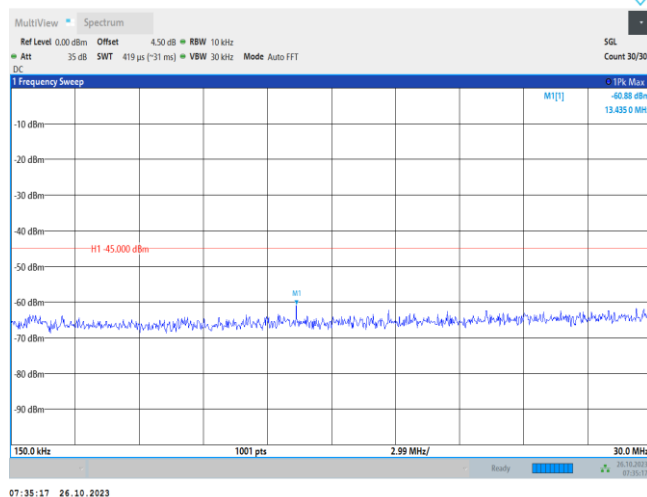
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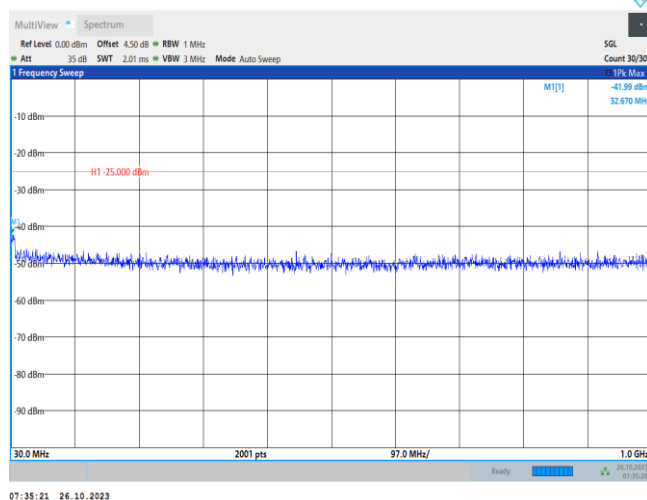
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Band41-20MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



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



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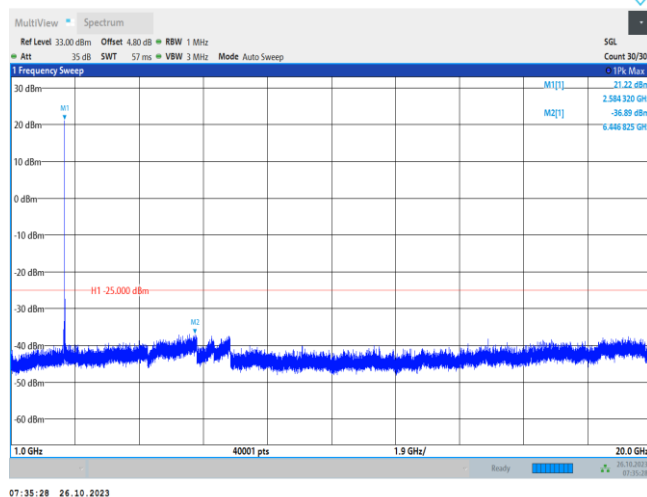
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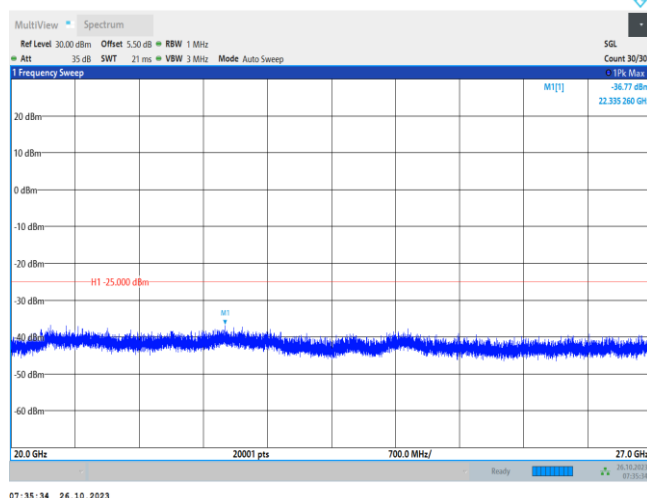
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Band41-20MHz-QPSK-40620-1RB#0-Range4:1000~20000MHz



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



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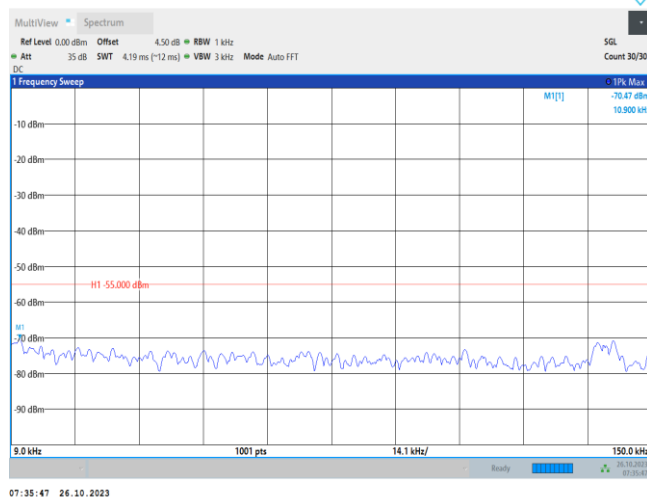
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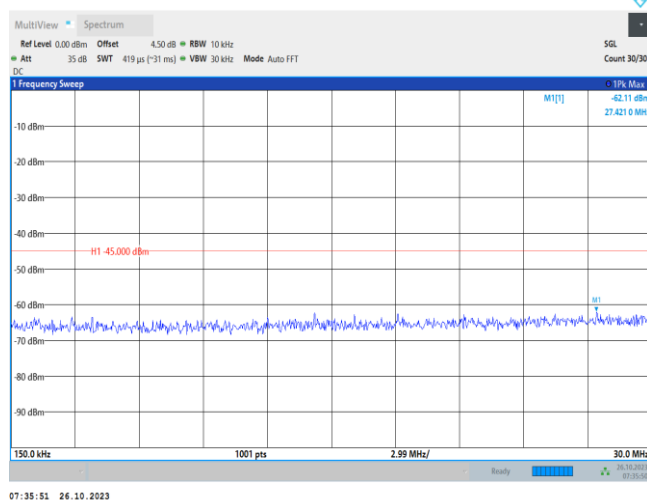
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Band41-20MHz-QPSK-41490-1RB#0-Range1:0.009~0.15MHz



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



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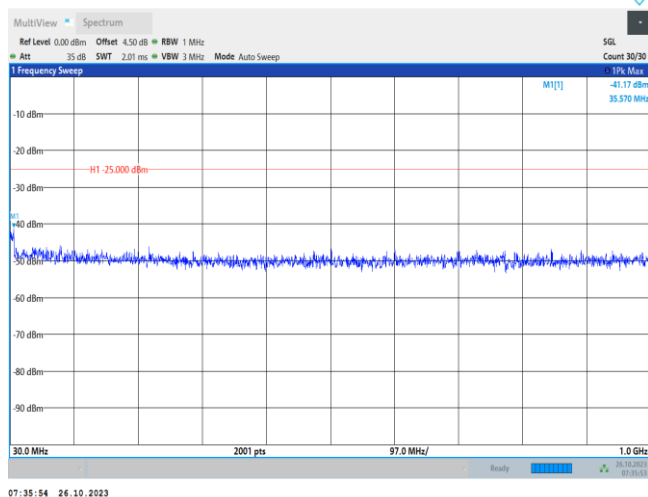
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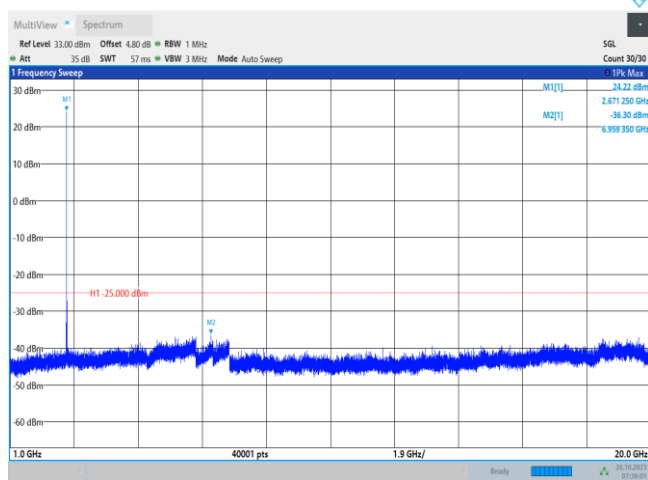
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Band41-20MHz-QPSK-41490-1RB#0-Range3:30~1000MHz



07:35:54 26.10.2023

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



07:36:01 26.10.2023



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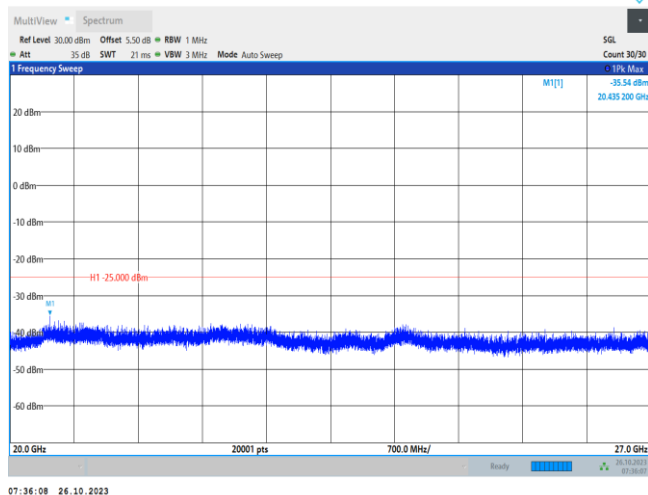
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Band41-20MHz-QPSK-41490-1RB#0-Range5:20000~27000MHz



07:36:08 26.10.2023



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Field Strength of Spurious Radiation

Test Band = LTE Band41_ TM1
Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.1800	51.05	-45.63	31.39	-58.46	-25.00	33.46	Horizontal
2	7491.2700	44.37	-43.16	36.58	-57.48	-25.00	32.48	Horizontal
3	9988.3600	33.62	-39.25	38.18	-62.71	-25.00	37.71	Horizontal
4	12485.4500	28.43	-37.04	38.95	-64.92	-25.00	39.92	Horizontal
5	14982.5400	26.51	-34.64	41.29	-62.10	-25.00	37.10	Horizontal
6	17479.6300	28.71	-35.10	44.46	-57.19	-25.00	32.19	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.1800	49.63	-45.63	31.39	-59.88	-25.00	34.88	Vertical
2	7491.2700	49.94	-43.16	36.58	-51.91	-25.00	26.91	Vertical
3	9988.3600	35.44	-39.25	38.18	-60.89	-25.00	35.89	Vertical
4	12485.4500	28.30	-37.04	38.95	-65.05	-25.00	40.05	Vertical
5	14982.5400	26.01	-34.64	41.29	-62.60	-25.00	37.60	Vertical
6	17479.6300	29.07	-35.10	44.46	-56.83	-25.00	31.83	Vertical



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Test Band = LTE Band41_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3170	44.50	-45.90	28.40	-68.25	-25.00	43.25	Horizontal
2	5168.1800	51.15	-45.31	31.80	-57.61	-25.00	32.61	Horizontal
3	7752.2700	43.44	-42.69	36.70	-57.81	-25.00	32.81	Horizontal
4	10336.3600	34.14	-39.06	38.37	-61.81	-25.00	36.81	Horizontal
5	12920.4500	29.06	-37.16	39.08	-64.28	-25.00	39.28	Horizontal
6	15504.5400	26.95	-35.35	40.24	-63.42	-25.00	38.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3205	43.90	-45.77	28.42	-68.70	-25.00	43.70	Vertical
2	5168.1800	48.70	-45.31	31.80	-60.06	-25.00	35.06	Vertical
3	7752.2700	47.59	-42.69	36.70	-53.66	-25.00	28.66	Vertical
4	10336.3600	36.70	-39.06	38.37	-59.25	-25.00	34.25	Vertical
5	12920.4500	28.48	-37.16	39.08	-64.86	-25.00	39.86	Vertical
6	15504.5400	25.67	-35.35	40.24	-64.70	-25.00	39.70	Vertical



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Test Band = LTE Band41_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3230	43.83	-45.95	28.44	-68.94	-25.00	43.94	Horizontal
2	5342.1800	49.58	-45.18	32.22	-58.64	-25.00	33.64	Horizontal
3	8013.2700	43.69	-42.22	36.79	-56.99	-25.00	31.99	Horizontal
4	10684.3600	31.05	-37.97	38.54	-63.64	-25.00	38.64	Horizontal
5	13355.4500	28.28	-36.56	39.74	-63.80	-25.00	38.80	Horizontal
6	16026.5400	27.19	-34.85	39.28	-63.64	-25.00	38.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3297	44.79	-46.44	28.48	-68.43	-25.00	43.43	Vertical
2	5342.1800	51.57	-45.18	32.22	-56.65	-25.00	31.65	Vertical
3	8013.2700	44.15	-42.22	36.79	-56.53	-25.00	31.53	Vertical
4	10684.3600	36.42	-37.97	38.54	-58.27	-25.00	33.27	Vertical
5	13355.4500	27.62	-36.56	39.74	-64.46	-25.00	39.46	Vertical
6	16026.5400	26.93	-34.85	39.28	-63.90	-25.00	38.90	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	-15.20	-0.005862	PASS
Band41	20MHz	QPSK	40620	100RB#0	VN	NT	-14.50	-0.005592	PASS
Band41	20MHz	QPSK	40620	100RB#0	VH	NT	-5.40	-0.002083	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band41	20MHz	QPSK	40620	100RB#0	NV	-30	-0.80	-0.000309	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-20	-1.70	-0.000656	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	-10	1.50	0.000578	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	0	-2.90	-0.001118	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	10	1.10	0.000424	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	20	-3.80	-0.001465	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	30	7.20	0.002777	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	40	3.30	0.001273	PASS
Band41	20MHz	QPSK	40620	100RB#0	NV	50	-6.40	-0.002468	PASS

---End of Attachment---



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