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Appendix B.6

LTE Band 41



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	17.63	18.13	33	PASS
Band41	5MHz	QPSK	39675	1RB#12	17.57	18.07	33	PASS
Band41	5MHz	QPSK	39675	1RB#24	17.51	18.01	33	PASS
Band41	5MHz	QPSK	39675	25RB#0	17.57	18.07	33	PASS
Band41	5MHz	QPSK	40620	1RB#0	17.69	18.19	33	PASS
Band41	5MHz	QPSK	40620	1RB#12	17.78	18.28	33	PASS
Band41	5MHz	QPSK	40620	1RB#24	17.67	18.17	33	PASS
Band41	5MHz	QPSK	40620	25RB#0	17.67	18.17	33	PASS
Band41	5MHz	QPSK	41565	1RB#0	17.63	18.13	33	PASS
Band41	5MHz	QPSK	41565	1RB#12	17.69	18.19	33	PASS
Band41	5MHz	QPSK	41565	1RB#24	17.58	18.08	33	PASS
Band41	5MHz	QPSK	41565	25RB#0	17.31	17.81	33	PASS
Band41	5MHz	16QAM	39675	1RB#0	17.60	18.10	33	PASS
Band41	5MHz	16QAM	39675	1RB#12	17.17	17.67	33	PASS
Band41	5MHz	16QAM	39675	1RB#24	17.39	17.89	33	PASS
Band41	5MHz	16QAM	39675	25RB#0	17.67	18.17	33	PASS
Band41	5MHz	16QAM	40620	1RB#0	17.33	17.83	33	PASS
Band41	5MHz	16QAM	40620	1RB#12	17.13	17.63	33	PASS
Band41	5MHz	16QAM	40620	1RB#24	17.23	17.73	33	PASS
Band41	5MHz	16QAM	40620	25RB#0	17.42	17.92	33	PASS
Band41	5MHz	16QAM	41565	1RB#0	17.17	17.67	33	PASS
Band41	5MHz	16QAM	41565	1RB#12	17.16	17.66	33	PASS
Band41	5MHz	16QAM	41565	1RB#24	17.28	17.78	33	PASS
Band41	5MHz	16QAM	41565	25RB#0	17.40	17.90	33	PASS
Band41	5MHz	64QAM	39675	1RB#0	17.33	17.83	33	PASS
Band41	5MHz	64QAM	39675	1RB#12	17.46	17.96	33	PASS
Band41	5MHz	64QAM	39675	1RB#24	17.67	18.17	33	PASS



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Band41	5MHz	64QAM	39675	25RB#0	17.33	17.83	33	PASS
Band41	5MHz	64QAM	40620	1RB#0	17.39	17.89	33	PASS
Band41	5MHz	64QAM	40620	1RB#12	17.57	18.07	33	PASS
Band41	5MHz	64QAM	40620	1RB#24	17.39	17.89	33	PASS
Band41	5MHz	64QAM	40620	25RB#0	17.51	18.01	33	PASS
Band41	5MHz	64QAM	41565	1RB#0	17.42	17.92	33	PASS
Band41	5MHz	64QAM	41565	1RB#12	17.51	18.01	33	PASS
Band41	5MHz	64QAM	41565	1RB#24	17.64	18.14	33	PASS
Band41	5MHz	64QAM	41565	25RB#0	17.10	17.60	33	PASS
Band41	10MHz	QPSK	39700	1RB#0	17.56	18.06	33	PASS
Band41	10MHz	QPSK	39700	1RB#24	17.67	18.17	33	PASS
Band41	10MHz	QPSK	39700	1RB#49	17.61	18.11	33	PASS
Band41	10MHz	QPSK	39700	50RB#0	17.42	17.92	33	PASS
Band41	10MHz	QPSK	40620	1RB#0	17.76	18.26	33	PASS
Band41	10MHz	QPSK	40620	1RB#24	17.83	18.33	33	PASS
Band41	10MHz	QPSK	40620	1RB#49	17.74	18.24	33	PASS
Band41	10MHz	QPSK	40620	50RB#0	17.57	18.07	33	PASS
Band41	10MHz	QPSK	41540	1RB#0	17.68	18.18	33	PASS
Band41	10MHz	QPSK	41540	1RB#24	17.83	18.33	33	PASS
Band41	10MHz	QPSK	41540	1RB#49	17.79	18.29	33	PASS
Band41	10MHz	QPSK	41540	50RB#0	17.51	18.01	33	PASS
Band41	10MHz	16QAM	39700	1RB#0	17.42	17.92	33	PASS
Band41	10MHz	16QAM	39700	1RB#24	17.12	17.62	33	PASS
Band41	10MHz	16QAM	39700	1RB#49	17.17	17.67	33	PASS
Band41	10MHz	16QAM	39700	50RB#0	17.50	18.00	33	PASS
Band41	10MHz	16QAM	40620	1RB#0	17.24	17.74	33	PASS
Band41	10MHz	16QAM	40620	1RB#24	17.50	18.00	33	PASS
Band41	10MHz	16QAM	40620	1RB#49	17.15	17.65	33	PASS
Band41	10MHz	16QAM	40620	50RB#0	17.42	17.92	33	PASS
Band41	10MHz	16QAM	41540	1RB#0	17.17	17.67	33	PASS
Band41	10MHz	16QAM	41540	1RB#24	17.57	18.07	33	PASS
Band41	10MHz	16QAM	41540	1RB#49	17.26	17.76	33	PASS



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Band41	10MHz	16QAM	41540	50RB#0	17.47	17.97	33	PASS
Band41	10MHz	64QAM	39700	1RB#0	17.64	18.14	33	PASS
Band41	10MHz	64QAM	39700	1RB#24	17.67	18.17	33	PASS
Band41	10MHz	64QAM	39700	1RB#49	17.51	18.01	33	PASS
Band41	10MHz	64QAM	39700	50RB#0	17.33	17.83	33	PASS
Band41	10MHz	64QAM	40620	1RB#0	17.51	18.01	33	PASS
Band41	10MHz	64QAM	40620	1RB#24	17.40	17.90	33	PASS
Band41	10MHz	64QAM	40620	1RB#49	17.57	18.07	33	PASS
Band41	10MHz	64QAM	40620	50RB#0	17.51	18.01	33	PASS
Band41	10MHz	64QAM	41540	1RB#0	17.39	17.89	33	PASS
Band41	10MHz	64QAM	41540	1RB#24	17.59	18.09	33	PASS
Band41	10MHz	64QAM	41540	1RB#49	17.69	18.19	33	PASS
Band41	10MHz	64QAM	41540	50RB#0	17.51	18.01	33	PASS
Band41	15MHz	QPSK	39725	1RB#0	17.64	18.14	33	PASS
Band41	15MHz	QPSK	39725	1RB#38	17.56	18.06	33	PASS
Band41	15MHz	QPSK	39725	1RB#74	17.68	18.18	33	PASS
Band41	15MHz	QPSK	39725	75RB#0	17.67	18.17	33	PASS
Band41	15MHz	QPSK	40620	1RB#0	17.76	18.26	33	PASS
Band41	15MHz	QPSK	40620	1RB#38	17.76	18.26	33	PASS
Band41	15MHz	QPSK	40620	1RB#74	17.77	18.27	33	PASS
Band41	15MHz	QPSK	40620	75RB#0	17.33	17.83	33	PASS
Band41	15MHz	QPSK	41515	1RB#0	17.70	18.20	33	PASS
Band41	15MHz	QPSK	41515	1RB#38	17.73	18.23	33	PASS
Band41	15MHz	QPSK	41515	1RB#74	17.73	18.23	33	PASS
Band41	15MHz	QPSK	41515	75RB#0	17.59	18.09	33	PASS
Band41	15MHz	16QAM	39725	1RB#0	17.42	17.92	33	PASS
Band41	15MHz	16QAM	39725	1RB#38	17.21	17.71	33	PASS
Band41	15MHz	16QAM	39725	1RB#74	17.33	17.83	33	PASS
Band41	15MHz	16QAM	39725	75RB#0	17.57	18.07	33	PASS
Band41	15MHz	16QAM	40620	1RB#0	17.50	18.00	33	PASS
Band41	15MHz	16QAM	40620	1RB#38	17.51	18.01	33	PASS
Band41	15MHz	16QAM	40620	1RB#74	17.42	17.92	33	PASS



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Band41	15MHz	16QAM	40620	75RB#0	17.33	17.83	33	PASS
Band41	15MHz	16QAM	41515	1RB#0	17.14	17.64	33	PASS
Band41	15MHz	16QAM	41515	1RB#38	17.27	17.77	33	PASS
Band41	15MHz	16QAM	41515	1RB#74	17.60	18.10	33	PASS
Band41	15MHz	16QAM	41515	75RB#0	17.51	18.01	33	PASS
Band41	15MHz	64QAM	39725	1RB#0	17.67	18.17	33	PASS
Band41	15MHz	64QAM	39725	1RB#38	17.33	17.83	33	PASS
Band41	15MHz	64QAM	39725	1RB#74	17.42	17.92	33	PASS
Band41	15MHz	64QAM	39725	75RB#0	17.39	17.89	33	PASS
Band41	15MHz	64QAM	40620	1RB#0	17.47	17.97	33	PASS
Band41	15MHz	64QAM	40620	1RB#38	17.33	17.83	33	PASS
Band41	15MHz	64QAM	40620	1RB#74	17.42	17.92	33	PASS
Band41	15MHz	64QAM	40620	75RB#0	17.57	18.07	33	PASS
Band41	15MHz	64QAM	41515	1RB#0	17.42	17.92	33	PASS
Band41	15MHz	64QAM	41515	1RB#38	17.47	17.97	33	PASS
Band41	15MHz	64QAM	41515	1RB#74	17.33	17.83	33	PASS
Band41	15MHz	64QAM	41515	75RB#0	17.20	17.70	33	PASS
Band41	20MHz	QPSK	39750	1RB#0	17.53	18.03	33	PASS
Band41	20MHz	QPSK	39750	1RB#49	17.68	18.18	33	PASS
Band41	20MHz	QPSK	39750	1RB#99	17.71	18.21	33	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.64	18.14	33	PASS
Band41	20MHz	QPSK	40620	1RB#0	17.79	18.29	33	PASS
Band41	20MHz	QPSK	40620	1RB#49	17.79	18.29	33	PASS
Band41	20MHz	QPSK	40620	1RB#99	17.70	18.20	33	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.40	17.90	33	PASS
Band41	20MHz	QPSK	41490	1RB#0	17.63	18.13	33	PASS
Band41	20MHz	QPSK	41490	1RB#49	17.73	18.23	33	PASS
Band41	20MHz	QPSK	41490	1RB#99	17.64	18.14	33	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.57	18.07	33	PASS
Band41	20MHz	16QAM	39750	1RB#0	17.14	17.64	33	PASS
Band41	20MHz	16QAM	39750	1RB#49	17.21	17.71	33	PASS
Band41	20MHz	16QAM	39750	1RB#99	17.18	17.68	33	PASS



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Band41	20MHz	16QAM	40620	1RB#0	17.23	17.73	33	PASS
Band41	20MHz	16QAM	40620	1RB#49	17.17	17.67	33	PASS
Band41	20MHz	16QAM	40620	1RB#99	17.24	17.74	33	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.33	17.83	33	PASS
Band41	20MHz	16QAM	41490	1RB#0	17.17	17.67	33	PASS
Band41	20MHz	16QAM	41490	1RB#49	17.17	17.67	33	PASS
Band41	20MHz	16QAM	41490	1RB#99	17.47	17.97	33	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.33	17.83	33	PASS
Band41	20MHz	64QAM	39750	1RB#0	17.57	18.07	33	PASS
Band41	20MHz	64QAM	39750	1RB#49	17.42	17.92	33	PASS
Band41	20MHz	64QAM	39750	1RB#99	17.47	17.97	33	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.33	17.83	33	PASS
Band41	20MHz	64QAM	40620	1RB#0	17.40	17.90	33	PASS
Band41	20MHz	64QAM	40620	1RB#49	17.39	17.89	33	PASS
Band41	20MHz	64QAM	40620	1RB#99	17.33	17.83	33	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.51	18.01	33	PASS
Band41	20MHz	64QAM	41490	1RB#0	17.67	18.17	33	PASS
Band41	20MHz	64QAM	41490	1RB#49	17.59	18.09	33	PASS
Band41	20MHz	64QAM	41490	1RB#99	17.40	17.90	33	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.51	18.01	33	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	9.68	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	9.36	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.44	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	10.46	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	10.30	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	10.28	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	10.80	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	10.62	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	10.74	13	PASS



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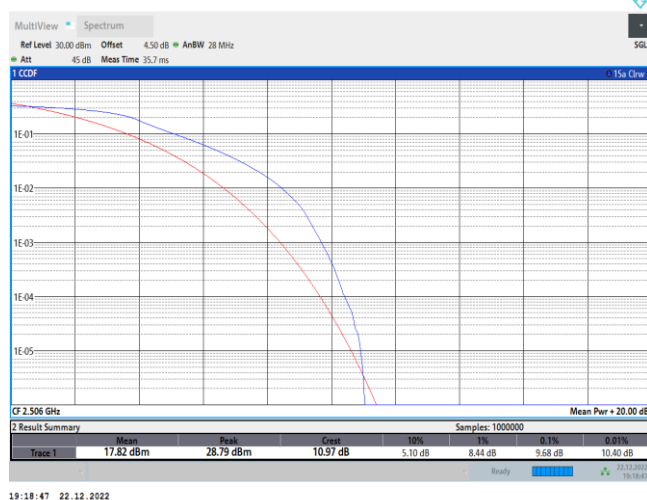
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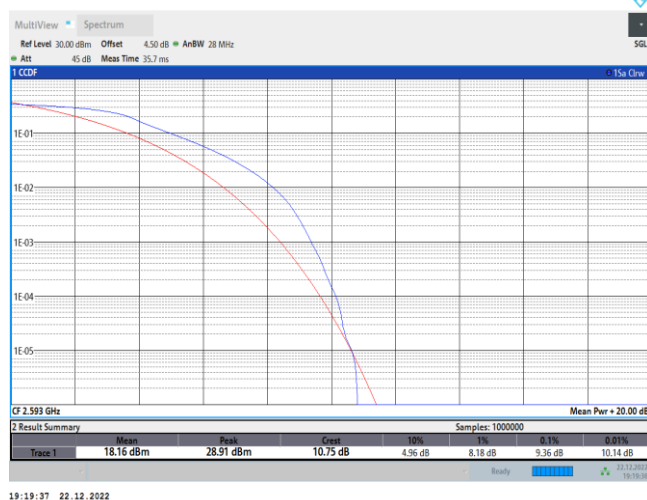
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Test Graphs

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



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



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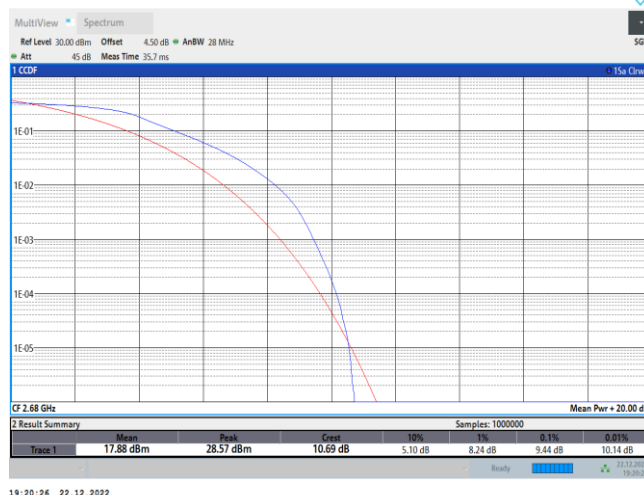
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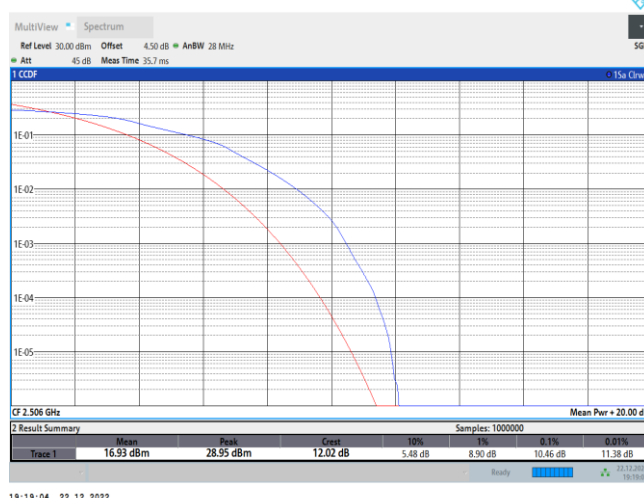
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Band41-20MHz-QPSK-41490-100RB#0



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



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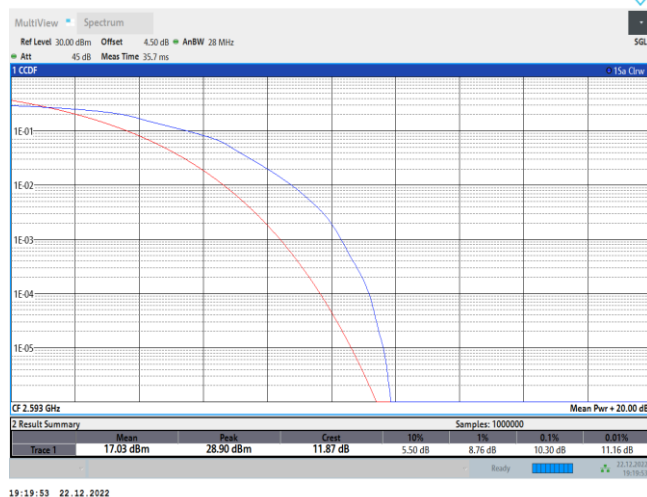
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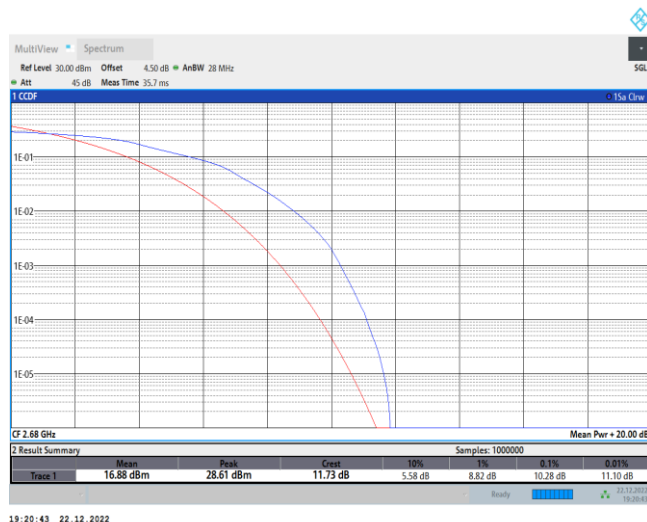
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Band41-20MHz-16QAM-40620-100RB#0



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



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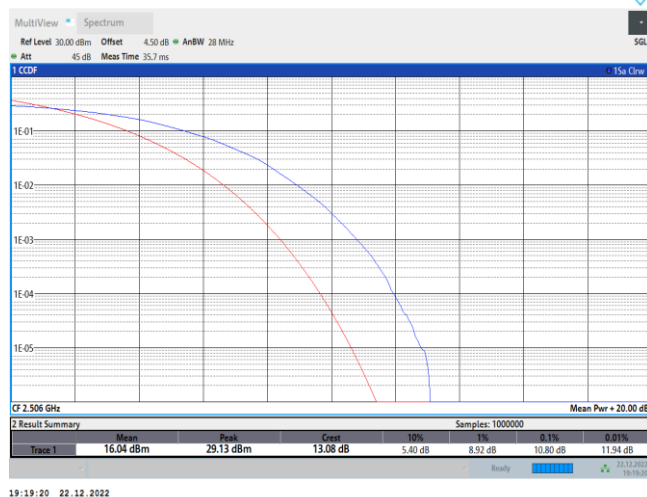
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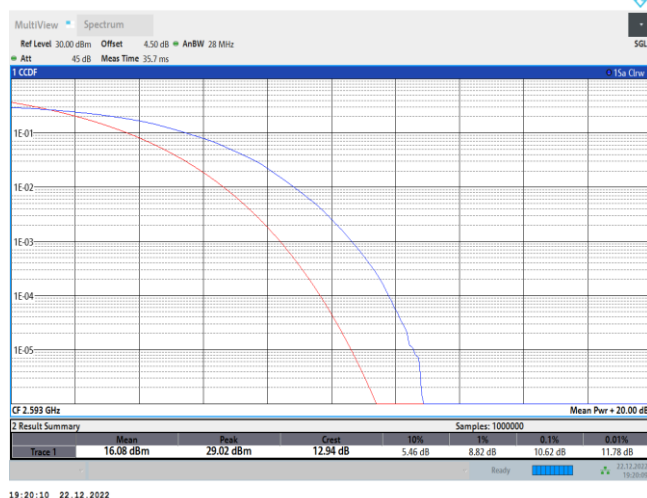
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Band41-20MHz-64QAM-39750-100RB#0



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



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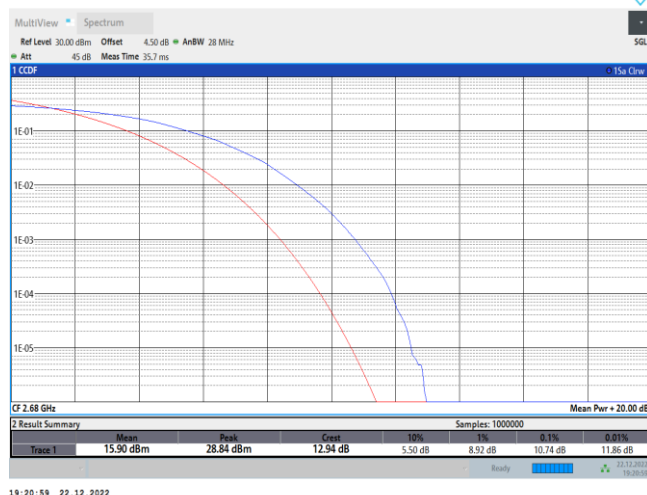
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Band41-20MHz-64QAM-41490-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band41	20MHz	QPSK	40620	100RB#0	PASS	PASS
Band41	20MHz	16QAM	40620	100RB#0	PASS	PASS
Band41	20MHz	64QAM	40620	100RB#0	PASS	PASS



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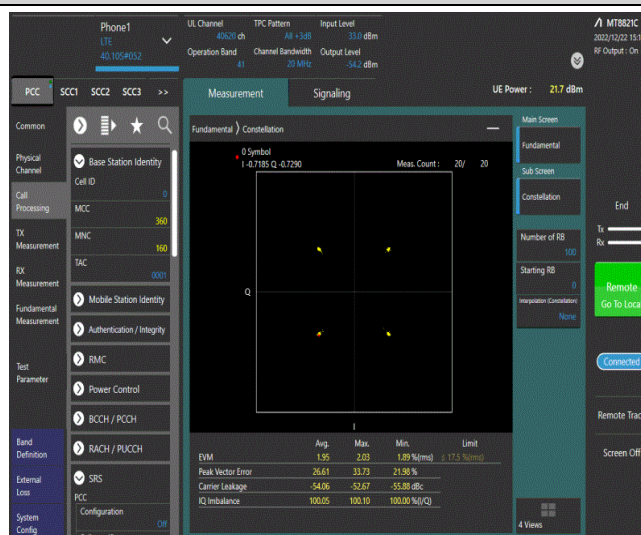
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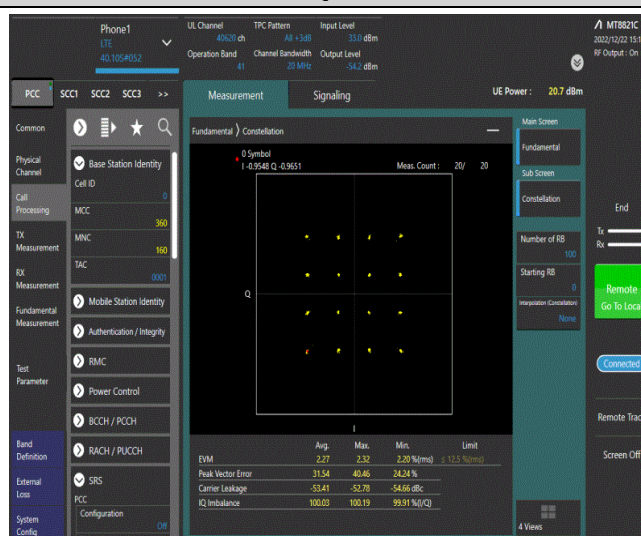
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Test Graphs

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



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



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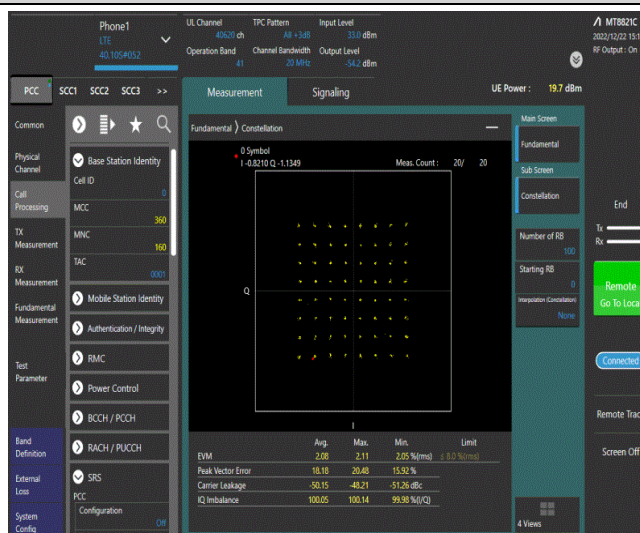
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Band41-20MHz-64QAM-40620-100RB#0



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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	39675	25RB#0	4.48	4.90	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.48	4.67	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.483	4.90	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.47	5.01	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.471	4.96	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.472	5.01	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.48	4.85	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.467	4.63	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.483	4.86	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.925	9.88	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.927	9.72	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.931	9.72	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.94	9.72	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.936	9.66	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.936	9.68	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.936	9.62	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.933	9.62	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.929	9.86	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.491	16.41	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.508	16.20	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.516	15.99	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.475	14.85	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.471	15.09	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.468	15.30	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.449	14.97	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.439	15.63	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.473	15.09	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.948	20.92	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.949	20.48	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.936	20.24	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.875	20.24	PASS



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Band41	20MHz	16QAM	41490	100RB#0	17.935	20.48	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.91	20.08	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.897	20.20	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.915	20.40	PASS



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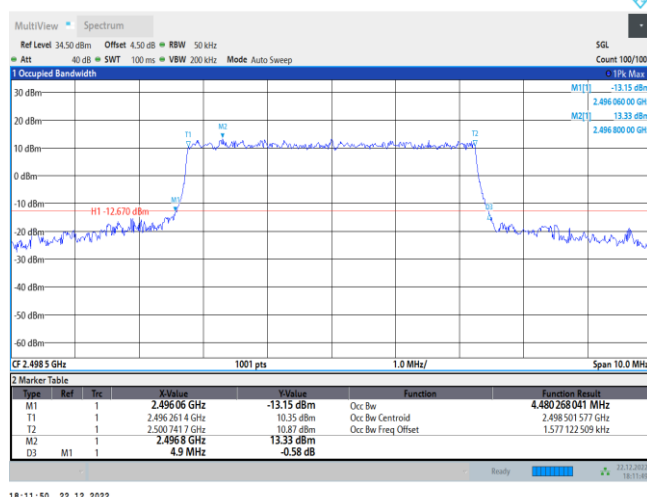
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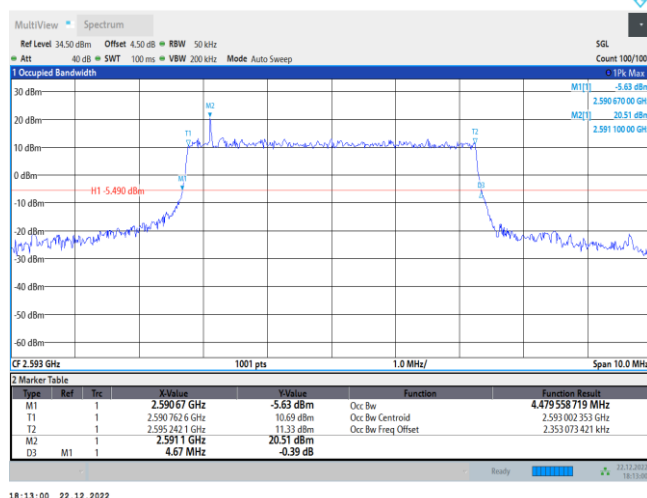
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Band41-5MHz-QPSK-39675-25RB#0



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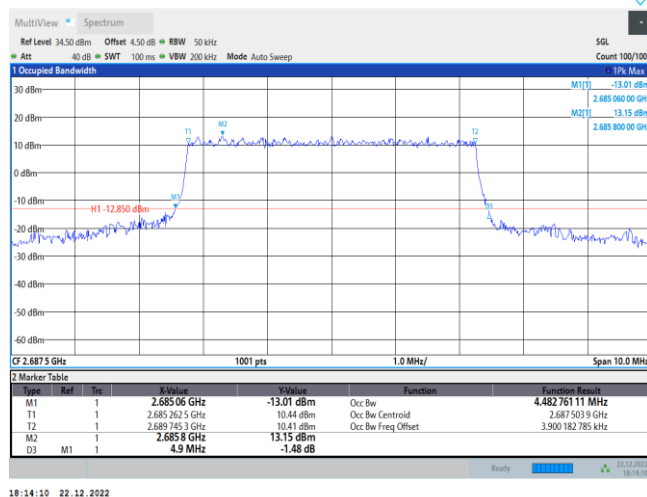


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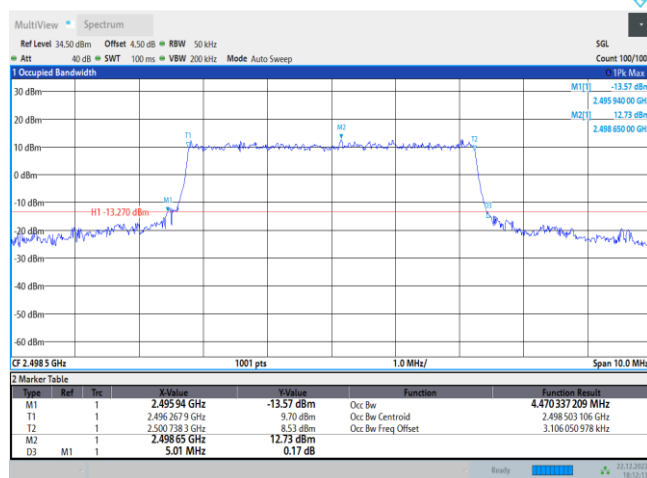
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Band41-5MHz-QPSK-41565-25RB#0



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Band41-5MHz-16QAM-39675-25RB#0



18:12:14 22.12.2022



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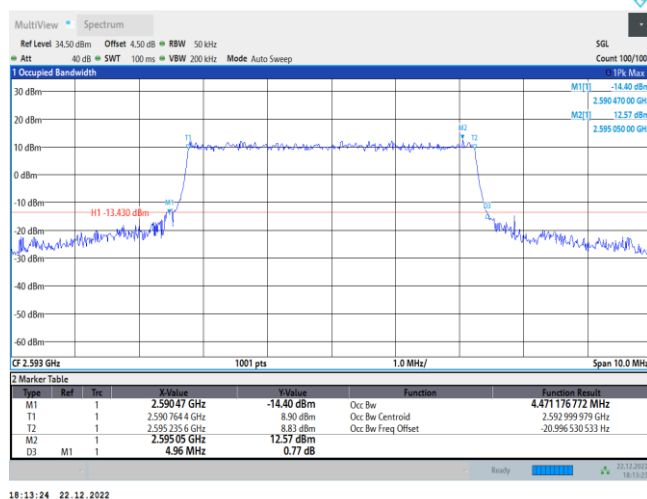
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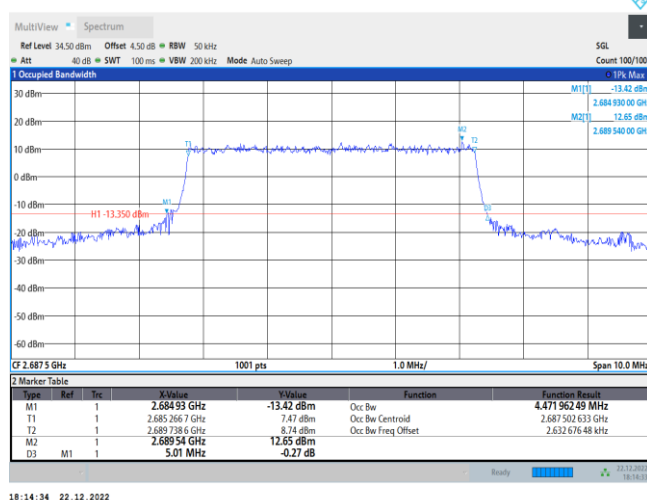
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Band41-5MHz-16QAM-40620-25RB#0



Band41-5MHz-16QAM-41565-25RB#0

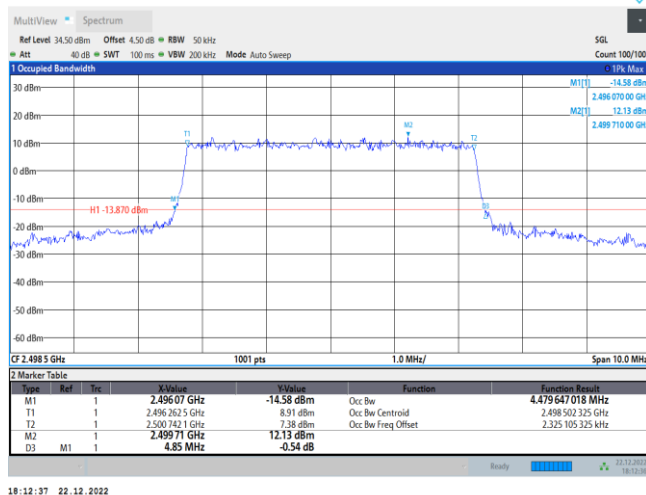


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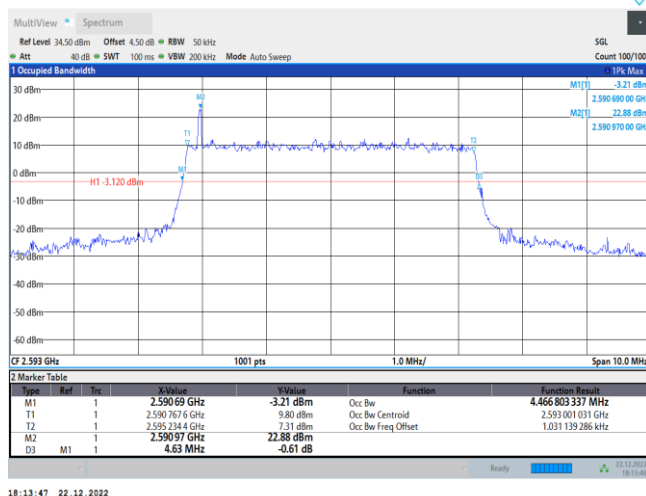
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Band41-5MHz-64QAM-39675-25RB#0



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Band41-5MHz-64QAM-40620-25RB#0



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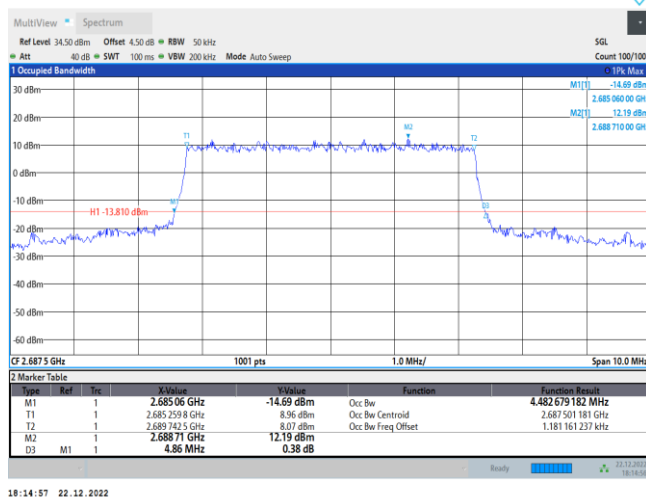
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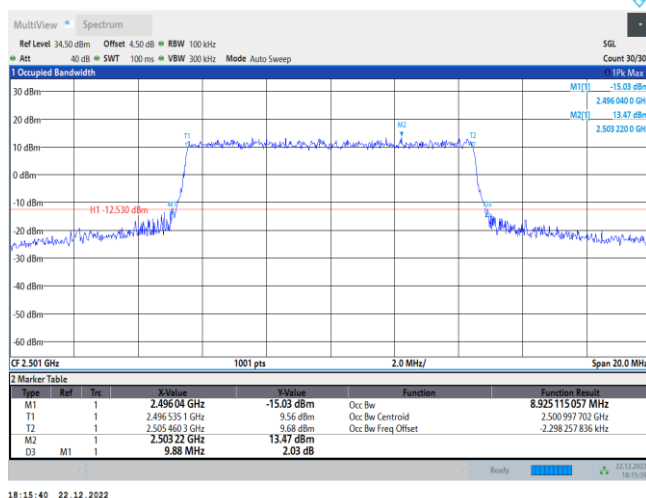
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Band41-5MHz-64QAM-41565-25RB#0



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

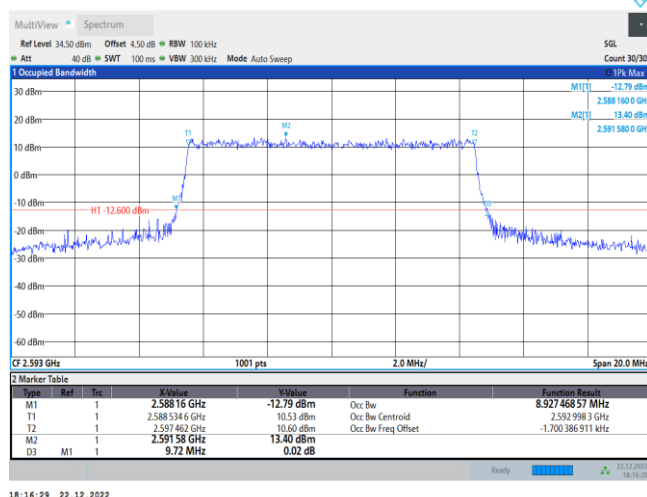


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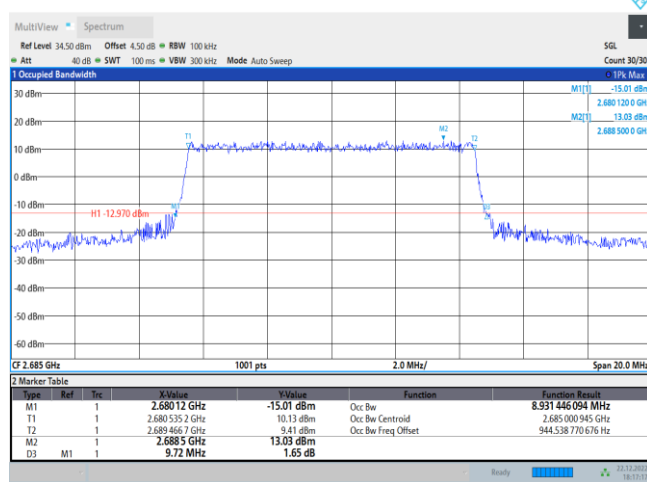
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Band41-10MHz-QPSK-41540-50RB#0



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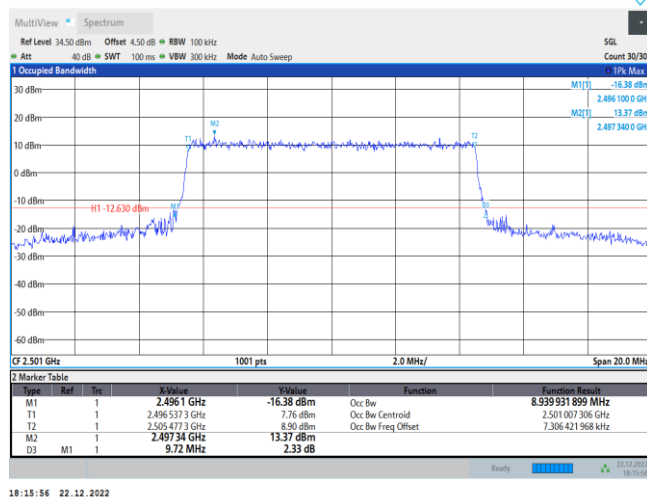
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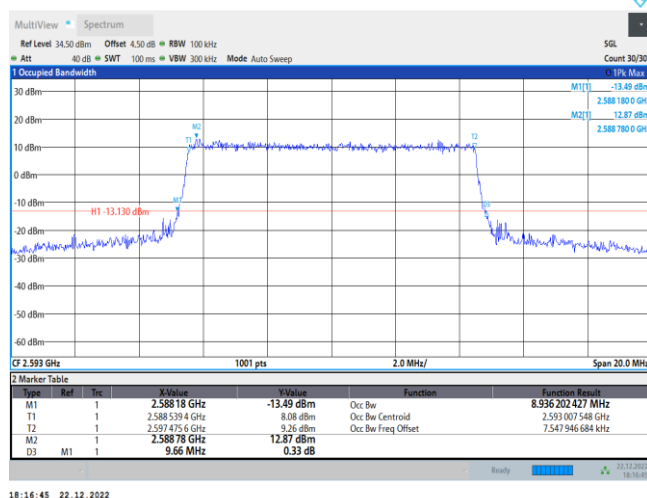
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Band41-10MHz-16QAM-39700-50RB#0



Band41-10MHz-16QAM-40620-50RB#0



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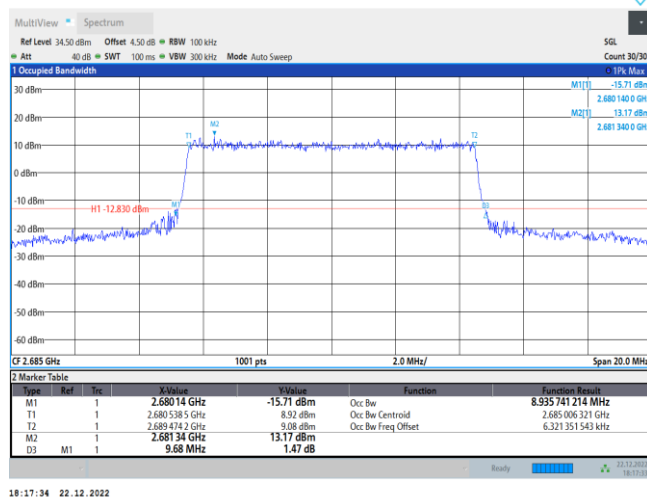
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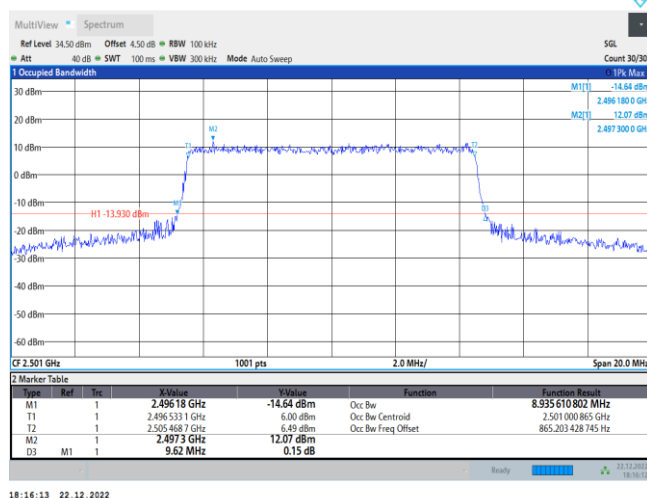
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Band41-10MHz-64QAM-39700-50RB#0



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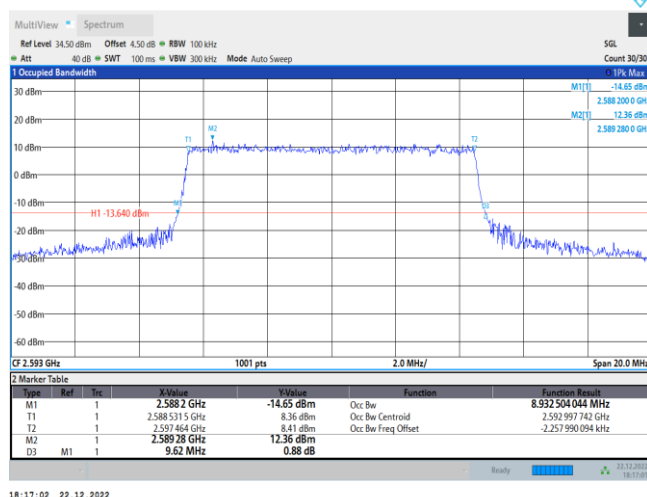
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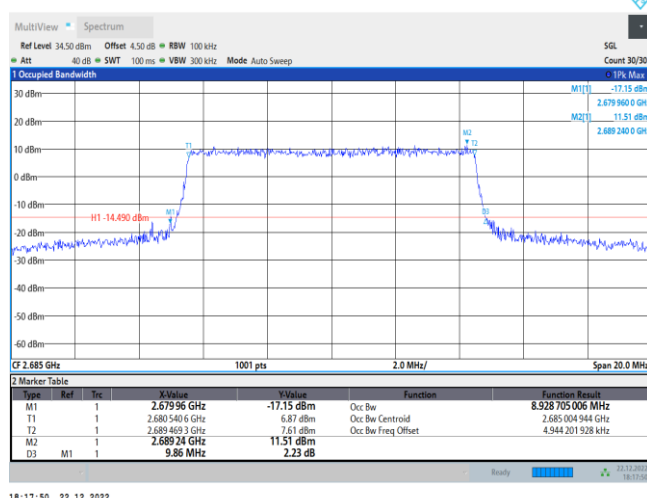
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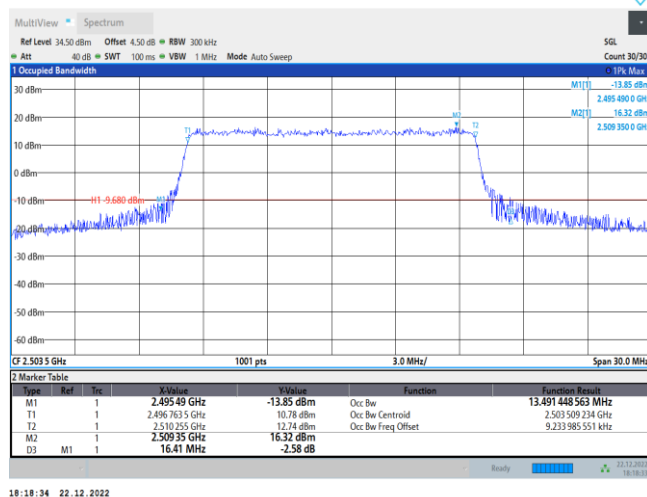
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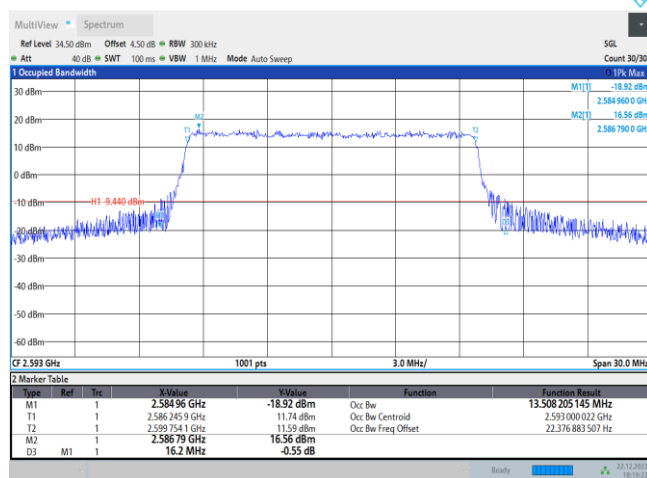
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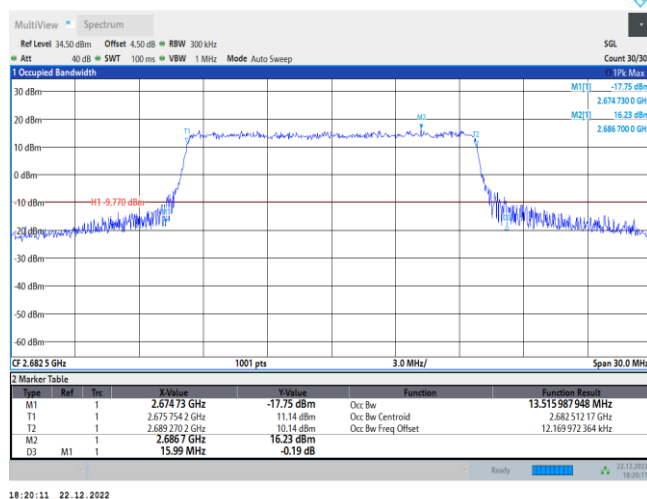
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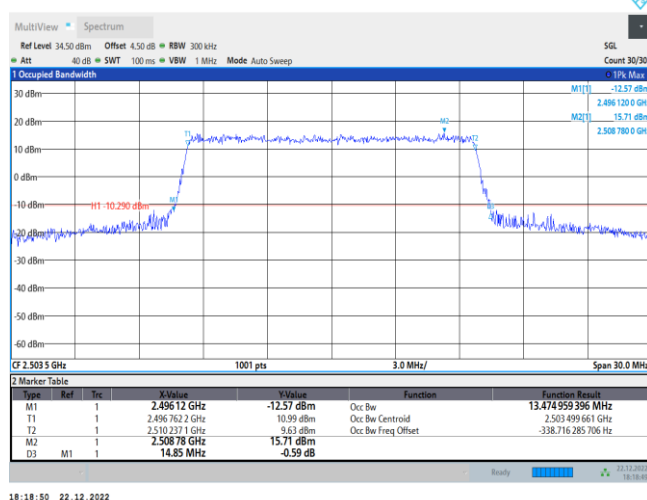
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Band41-15MHz-QPSK-41515-75RB#0



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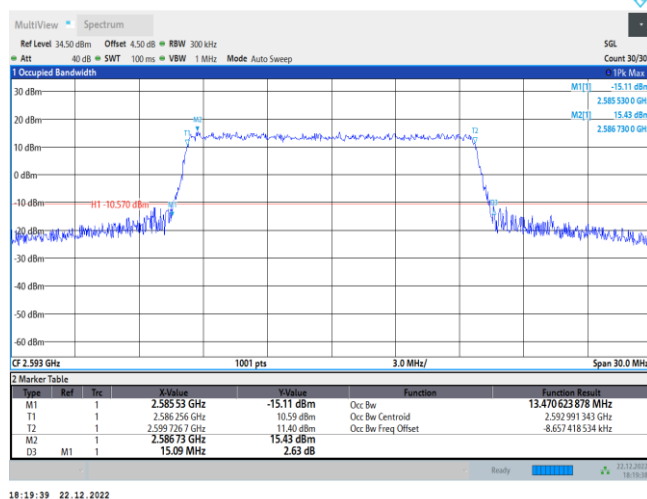


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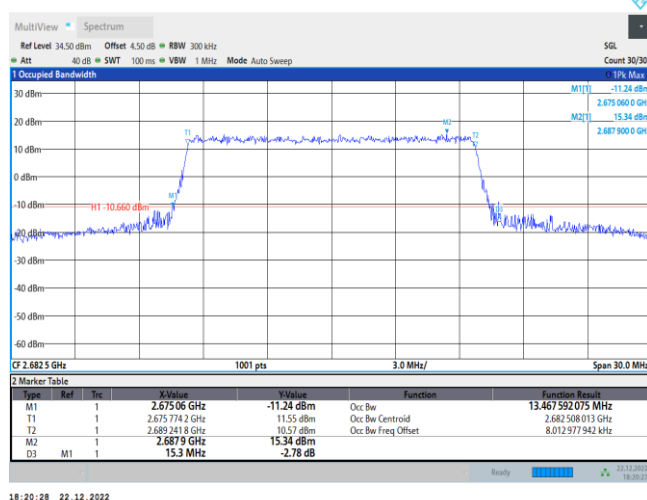
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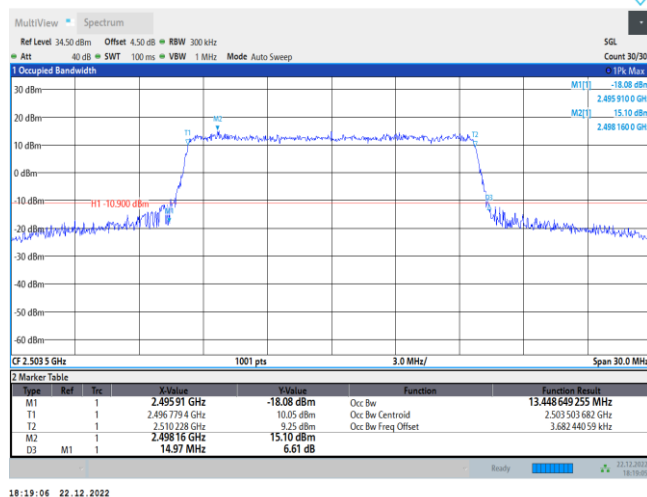
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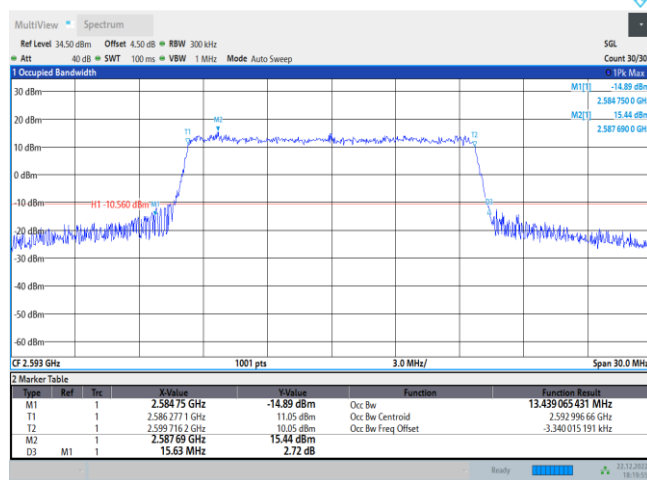
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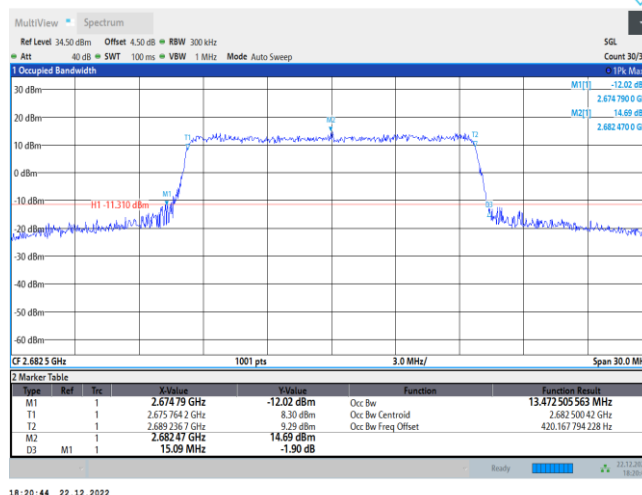
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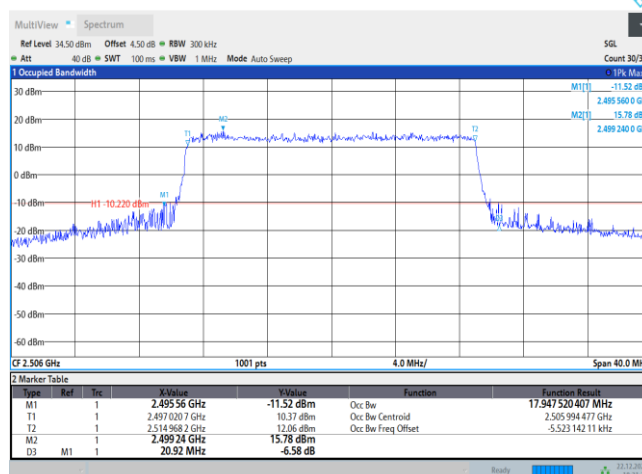
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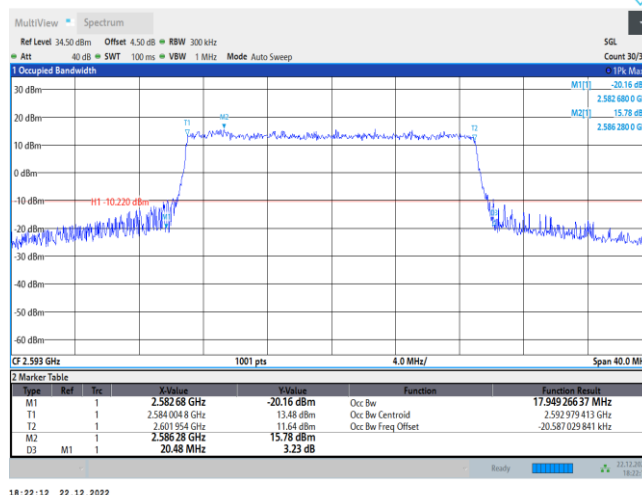
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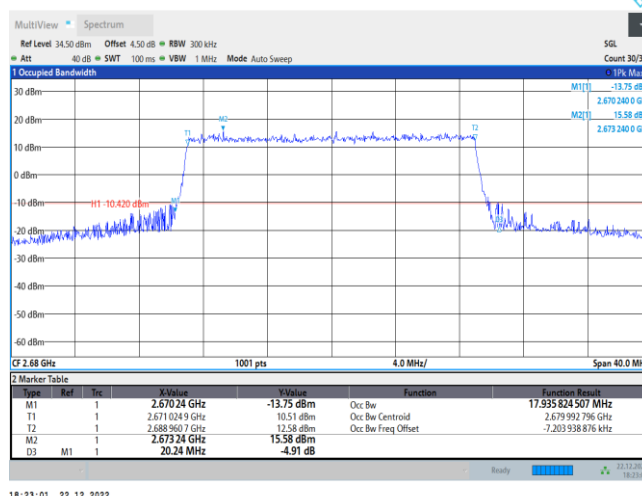
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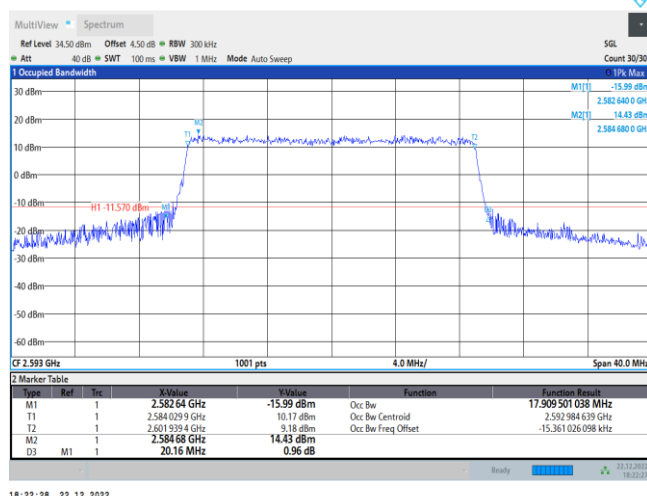
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Band41-20MHz-16QAM-40620-100RB#0



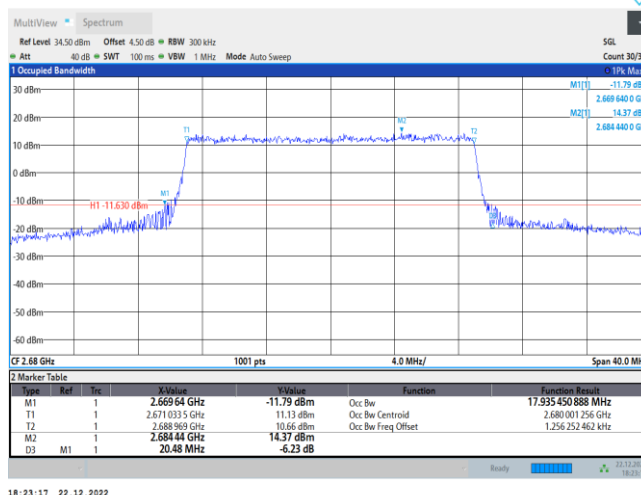
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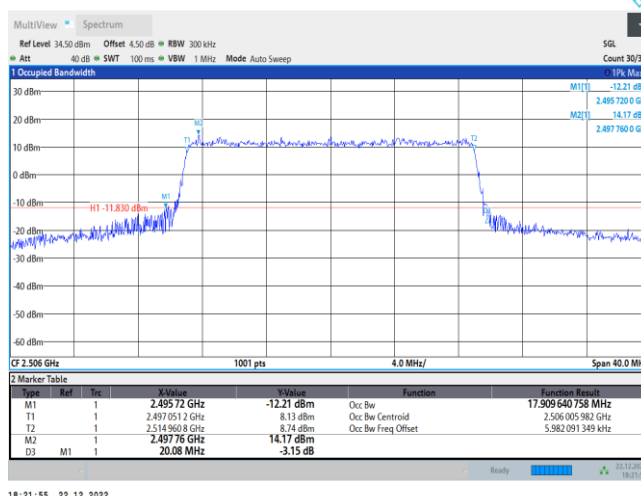
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Band41-20MHz-16QAM-41490-100RB#0



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

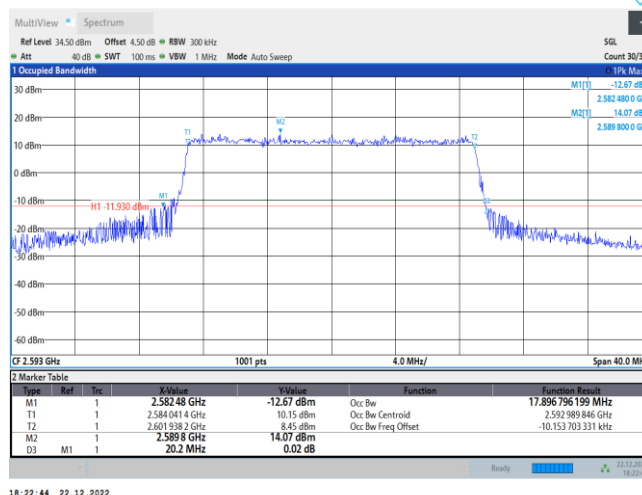


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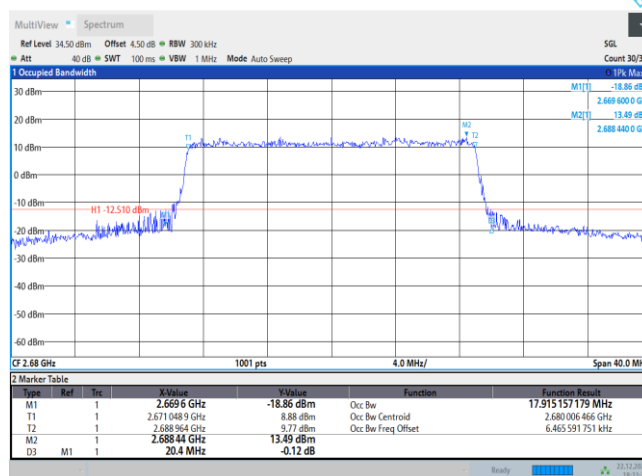
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Band41-20MHz-64QAM-41490-100RB#0



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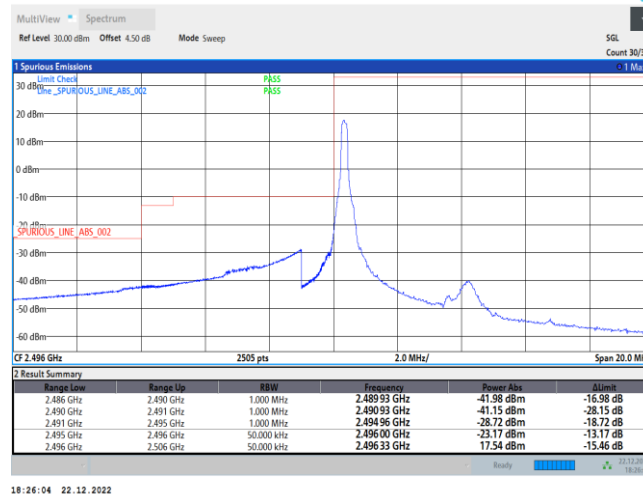
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Band Edge

Test Graphs

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



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



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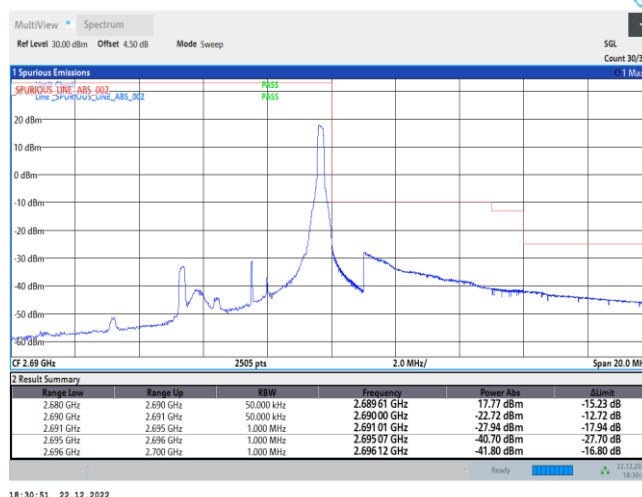
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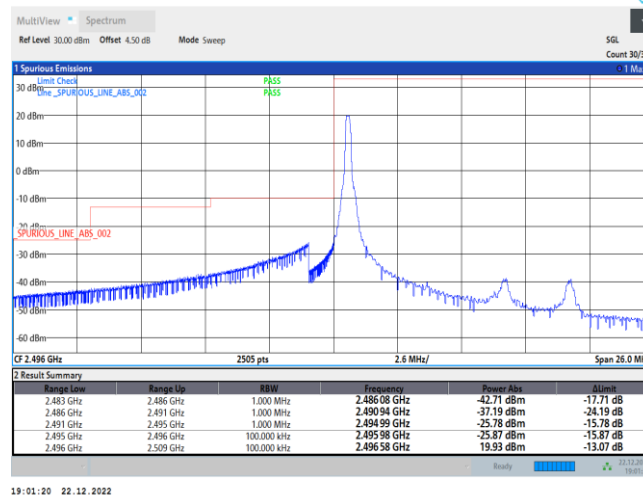
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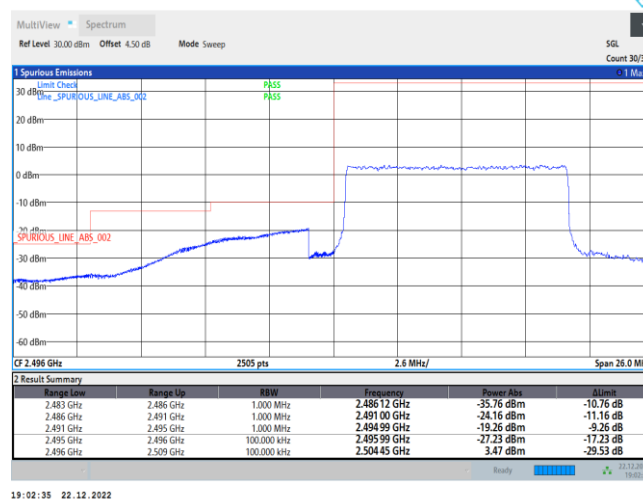
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Band41-10MHz-QPSK-39700-1RB#0



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



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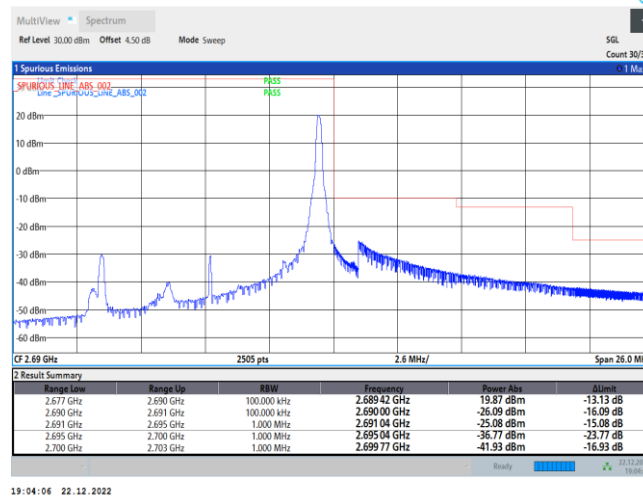
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19:04:06 22.12.2022

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



19:05:20 22.12.2022



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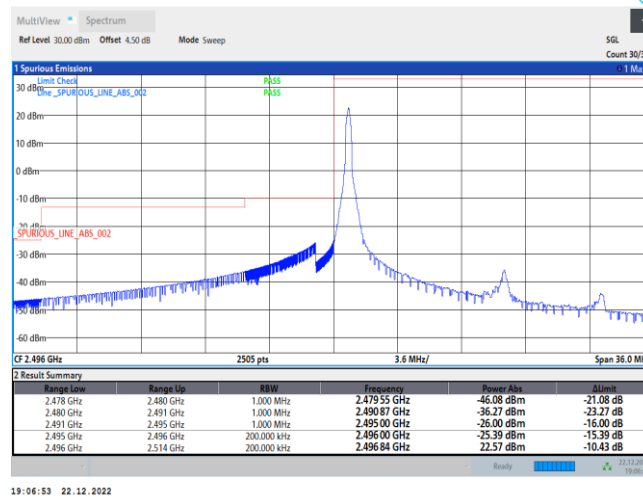
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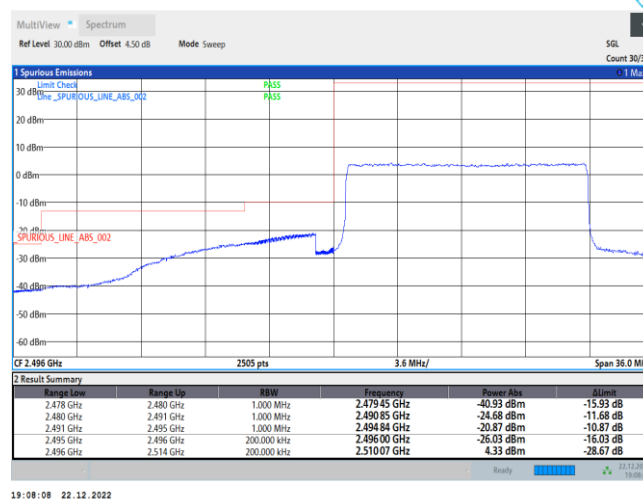
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Band41-15MHz-QPSK-39725-1RB#0



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



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