



Appendix

REFER REPORT NUMBER: 4790254511-6

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Appendix B: Peak-to-Average Ratio(CCDF)

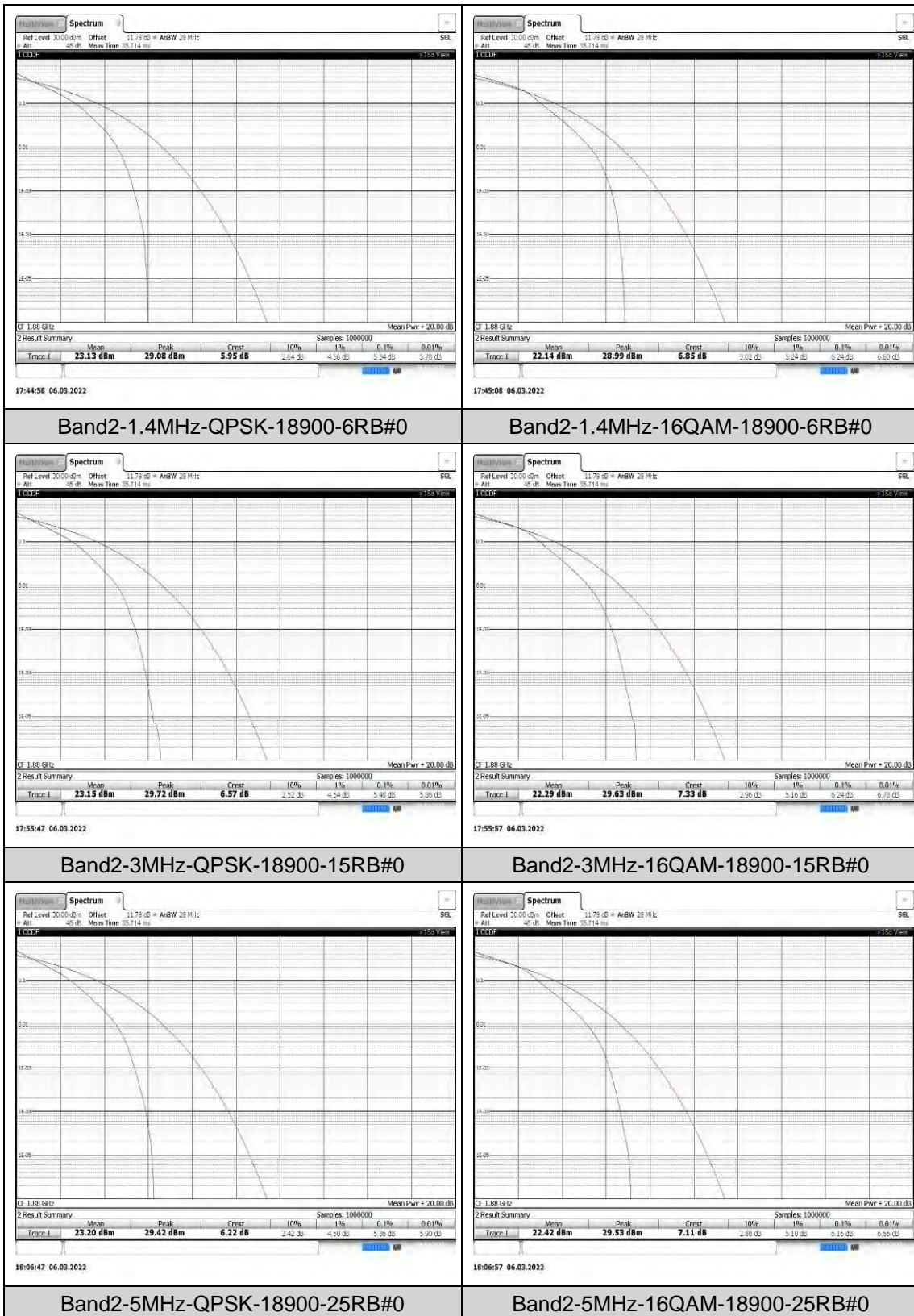
Test Result

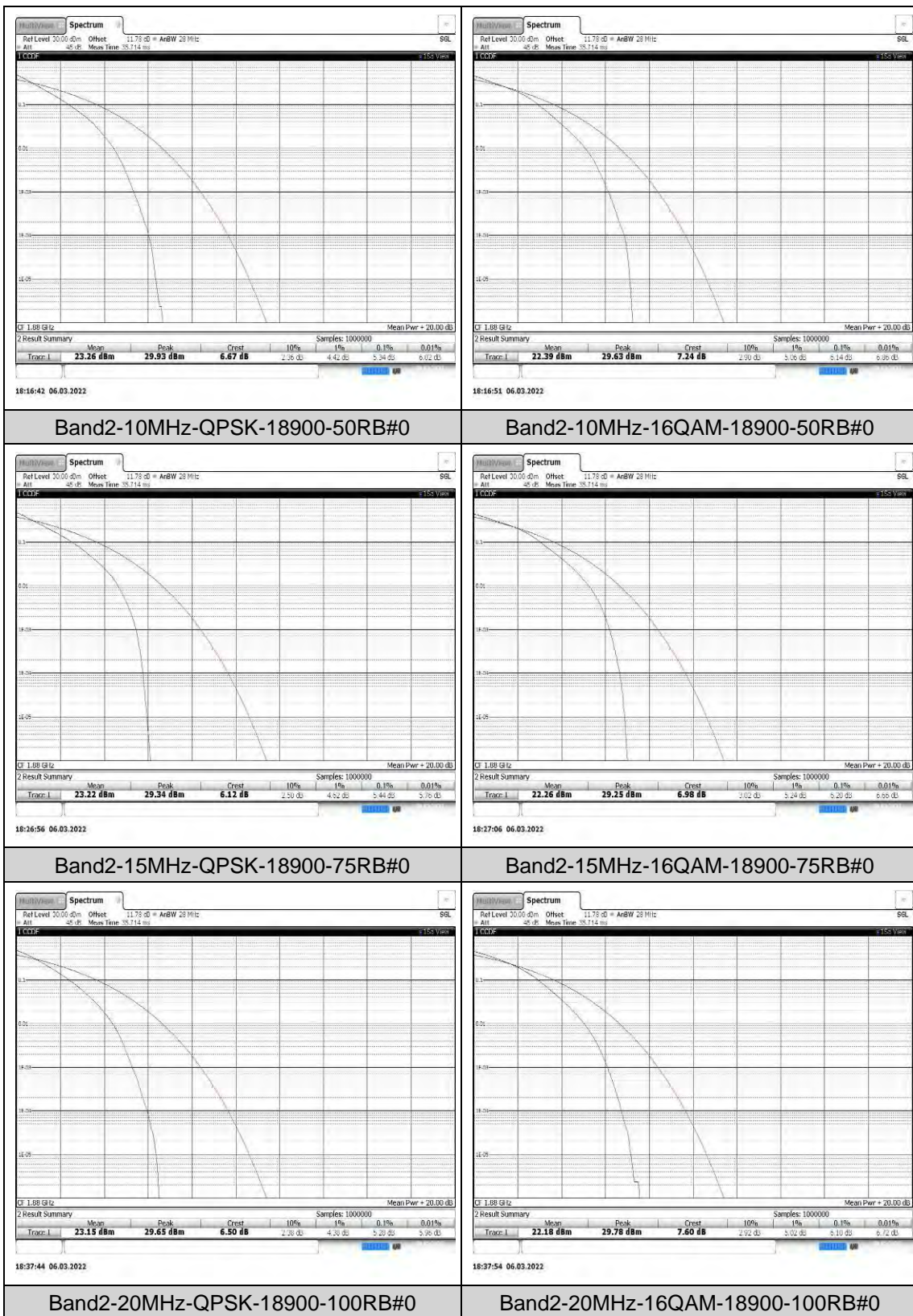
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	5.34	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	6.24	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.40	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.24	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.36	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	6.16	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.34	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.14	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.44	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.20	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.28	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.10	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.32	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.20	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.42	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.28	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.32	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.16	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.94	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.00	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.40	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.16	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.20	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.02	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.48	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.40	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.40	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.50	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.30	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.50	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.34	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.32	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.20	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.38	13	PASS

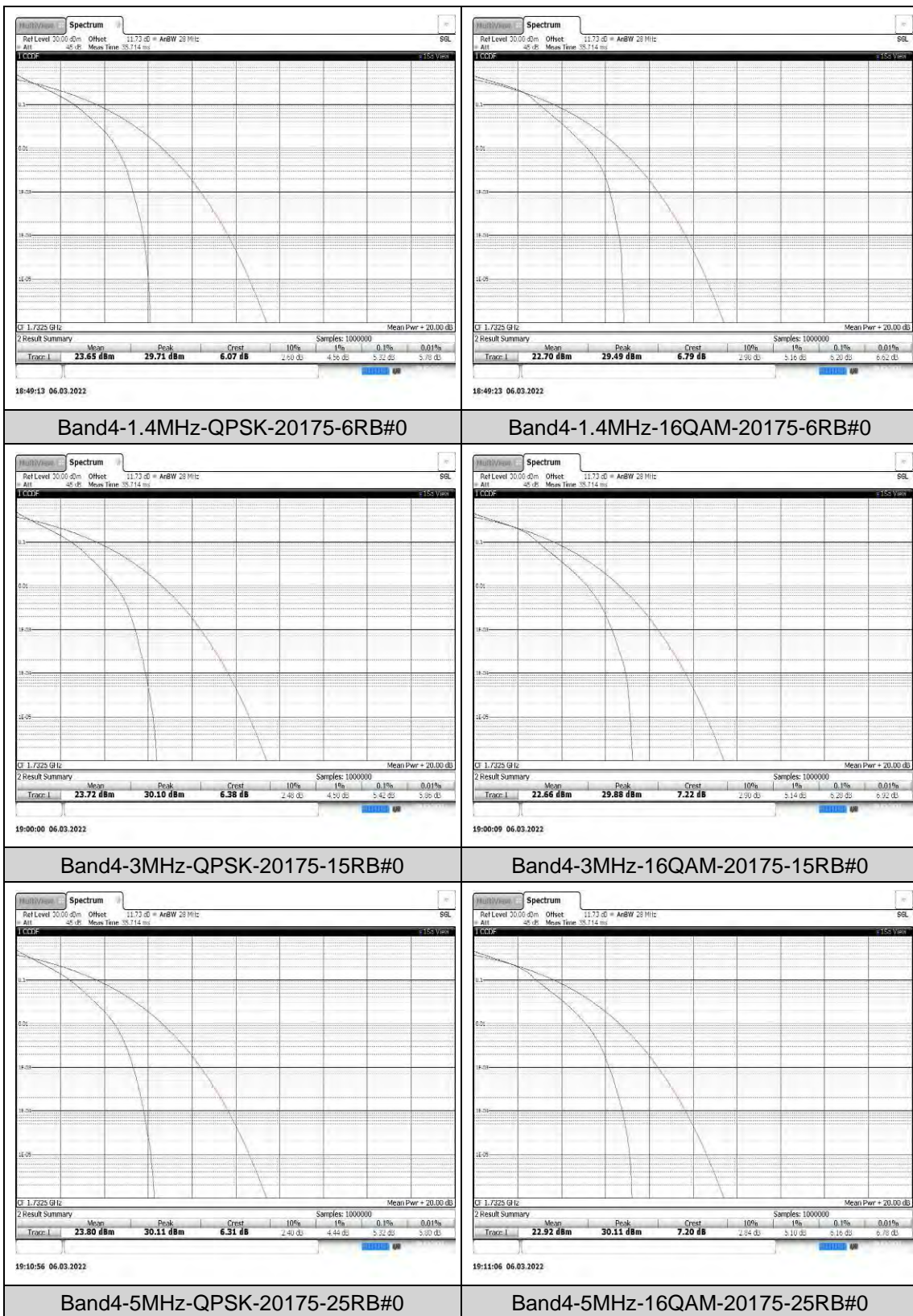
Band7	10MHz	16QAM	21100	50RB#0	6.14	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.48	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.22	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.28	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.08	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.66	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.58	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.74	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.64	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.70	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.48	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.68	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.52	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.88	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.68	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	4.94	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.82	13	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	5.32	13	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	6.10	13	PASS
Band25	3MHz	QPSK	26365	15RB#0	5.30	13	PASS
Band25	3MHz	16QAM	26365	15RB#0	6.16	13	PASS
Band25	5MHz	QPSK	26365	25RB#0	5.32	13	PASS
Band25	5MHz	16QAM	26365	25RB#0	6.08	13	PASS
Band25	10MHz	QPSK	26365	50RB#0	5.28	13	PASS
Band25	10MHz	16QAM	26365	50RB#0	6.10	13	PASS
Band25	15MHz	QPSK	26365	75RB#0	5.38	13	PASS
Band25	15MHz	16QAM	26365	75RB#0	6.14	13	PASS
Band25	20MHz	QPSK	26365	100RB#0	5.20	13	PASS
Band25	20MHz	16QAM	26365	100RB#0	6.04	13	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	5.56	13	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	5.66	13	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	6.50	13	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	6.56	13	PASS
Band26	3MHz	QPSK	26740	15RB#0	5.58	13	PASS
Band26	3MHz	QPSK	26915	15RB#0	5.72	13	PASS
Band26	3MHz	16QAM	26740	15RB#0	6.46	13	PASS
Band26	3MHz	16QAM	26915	15RB#0	6.62	13	PASS
Band26	5MHz	QPSK	26740	25RB#0	5.52	13	PASS
Band26	5MHz	QPSK	26915	25RB#0	5.68	13	PASS
Band26	5MHz	16QAM	26740	25RB#0	6.42	13	PASS
Band26	5MHz	16QAM	26915	25RB#0	6.46	13	PASS
Band26	10MHz	QPSK	26740	50RB#0	5.64	13	PASS
Band26	10MHz	QPSK	26915	50RB#0	5.70	13	PASS

Band26	10MHz	16QAM	26740	50RB#0	6.42	13	PASS
Band26	10MHz	16QAM	26915	50RB#0	6.46	13	PASS
Band26	15MHz	QPSK	26915	75RB#0	5.82	13	PASS
Band26	15MHz	16QAM	26915	75RB#0	6.52	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.10	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.92	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.06	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.80	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.24	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	9.94	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.94	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.74	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	9.08	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.80	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.04	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.78	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.20	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.92	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.96	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.72	13	PASS

Test Graphs







Band4-1.4MHz-QPSK-20175-6RB#0

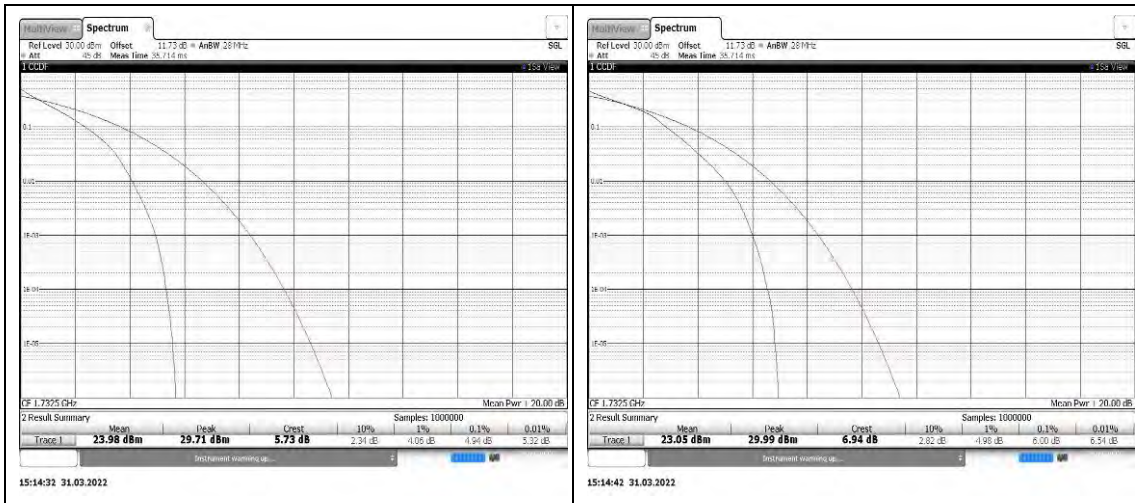
Band4-1.4MHz-16QAM-20175-6RB#0

Band4-3MHz-QPSK-20175-15RB#0

Band4-3MHz-16QAM-20175-15RB#0

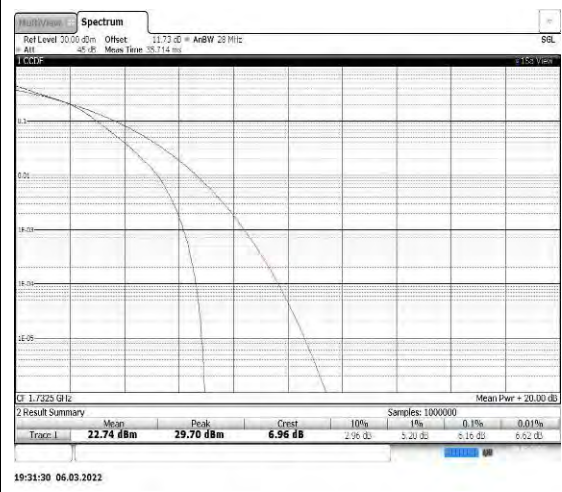
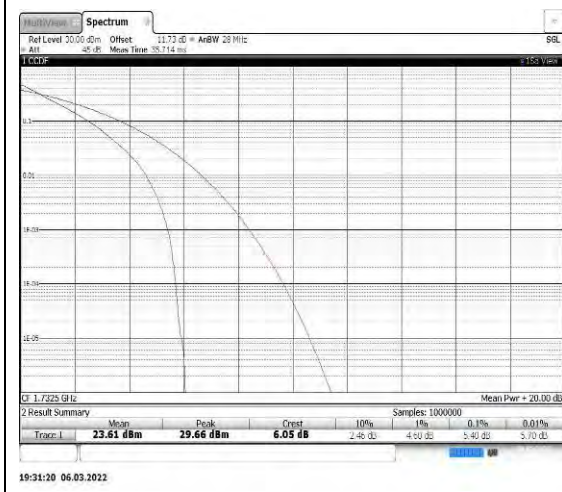
Band4-5MHz-QPSK-20175-25RB#0

Band4-5MHz-16QAM-20175-25RB#0



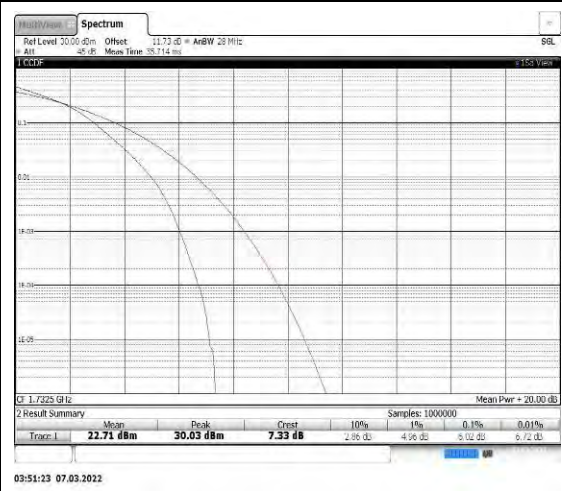
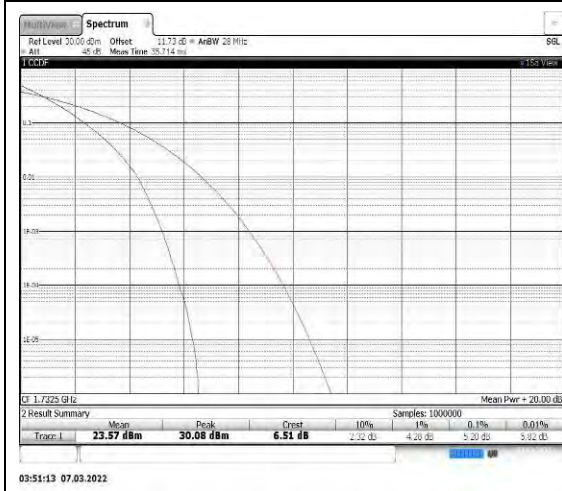
Band4-10MHz-QPSK-20175-50RB#0

Band4-10MHz-16QAM-20175-50RB#0



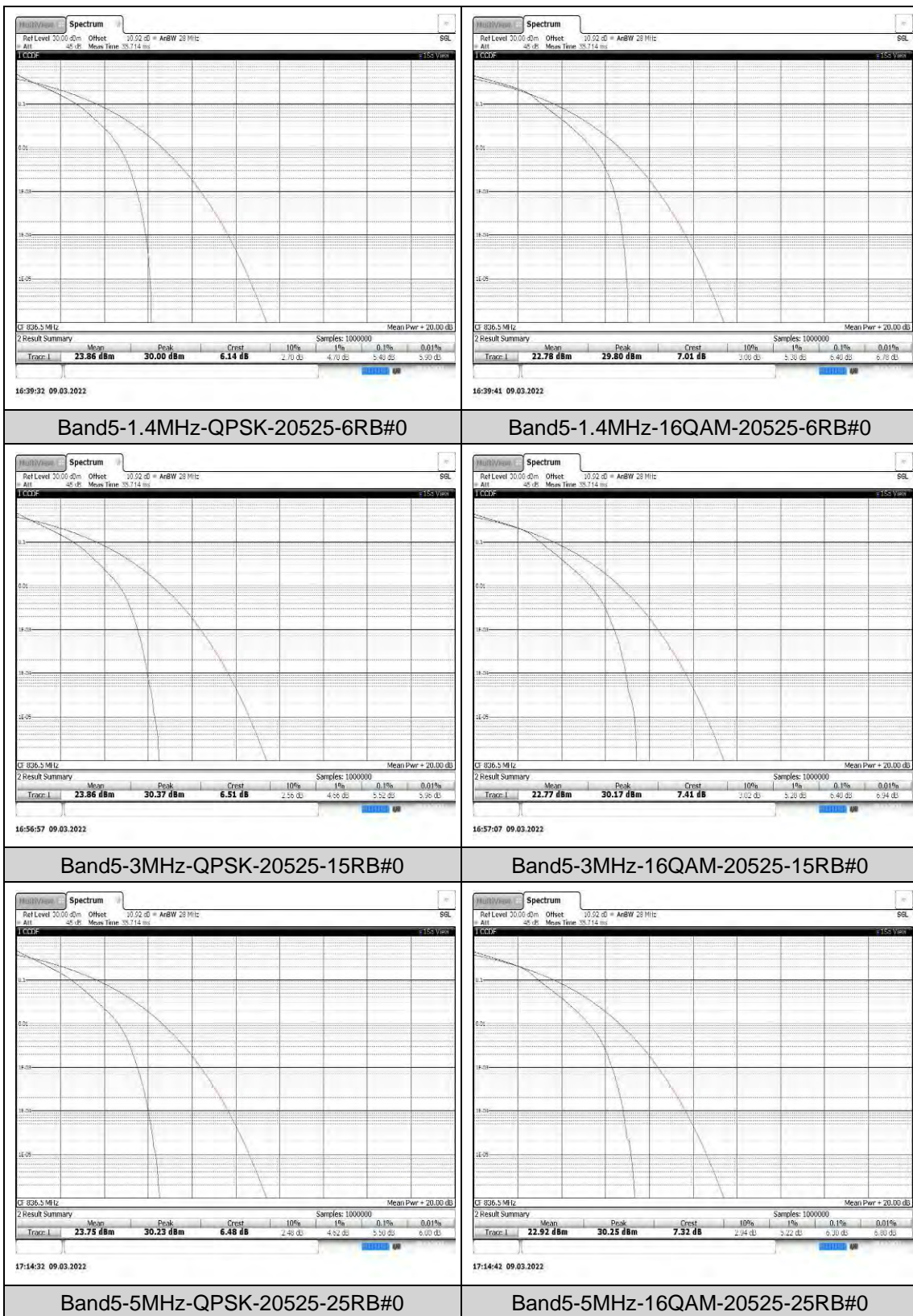
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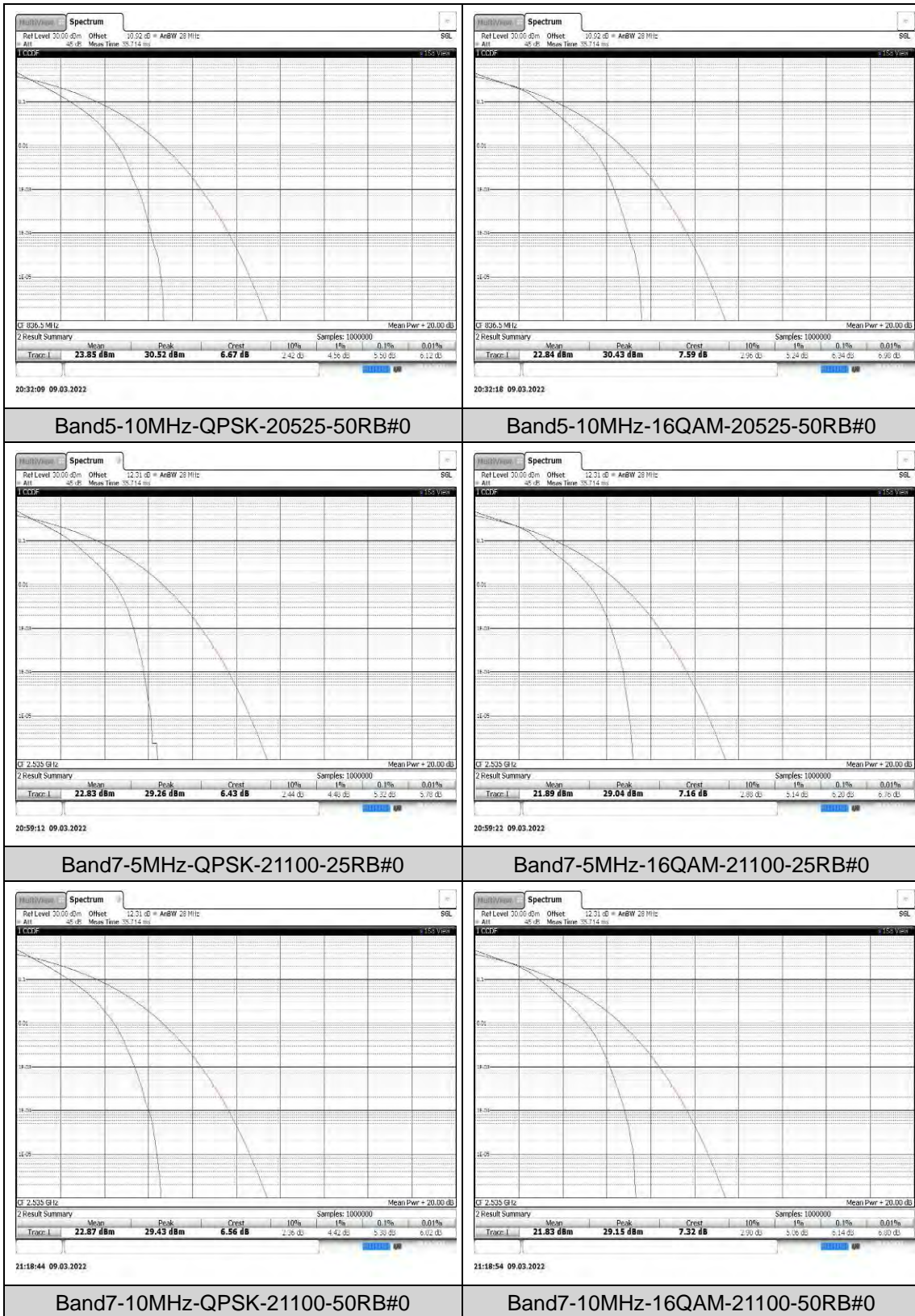
Band4-15MHz-16QAM-20175-75RB#0

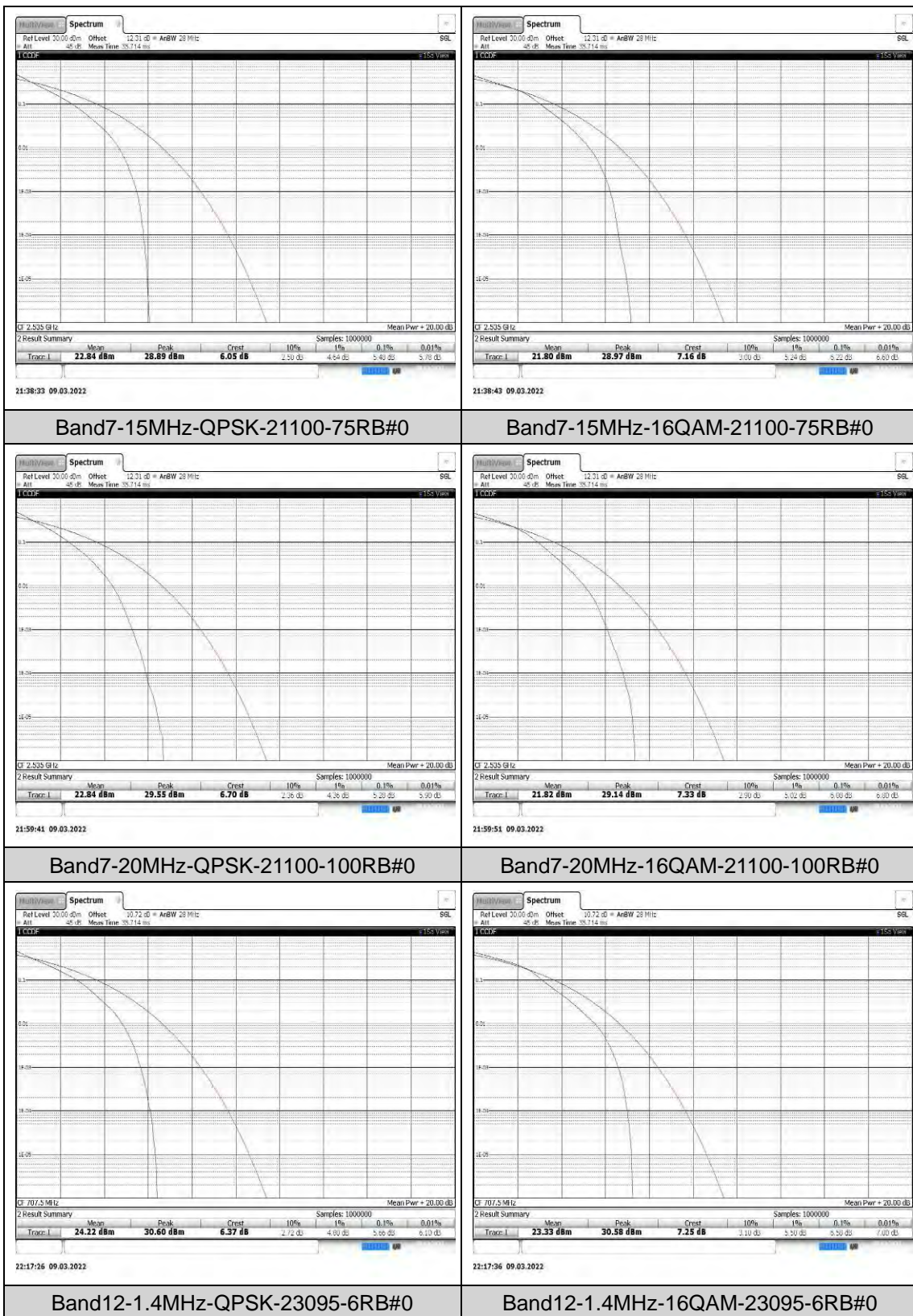


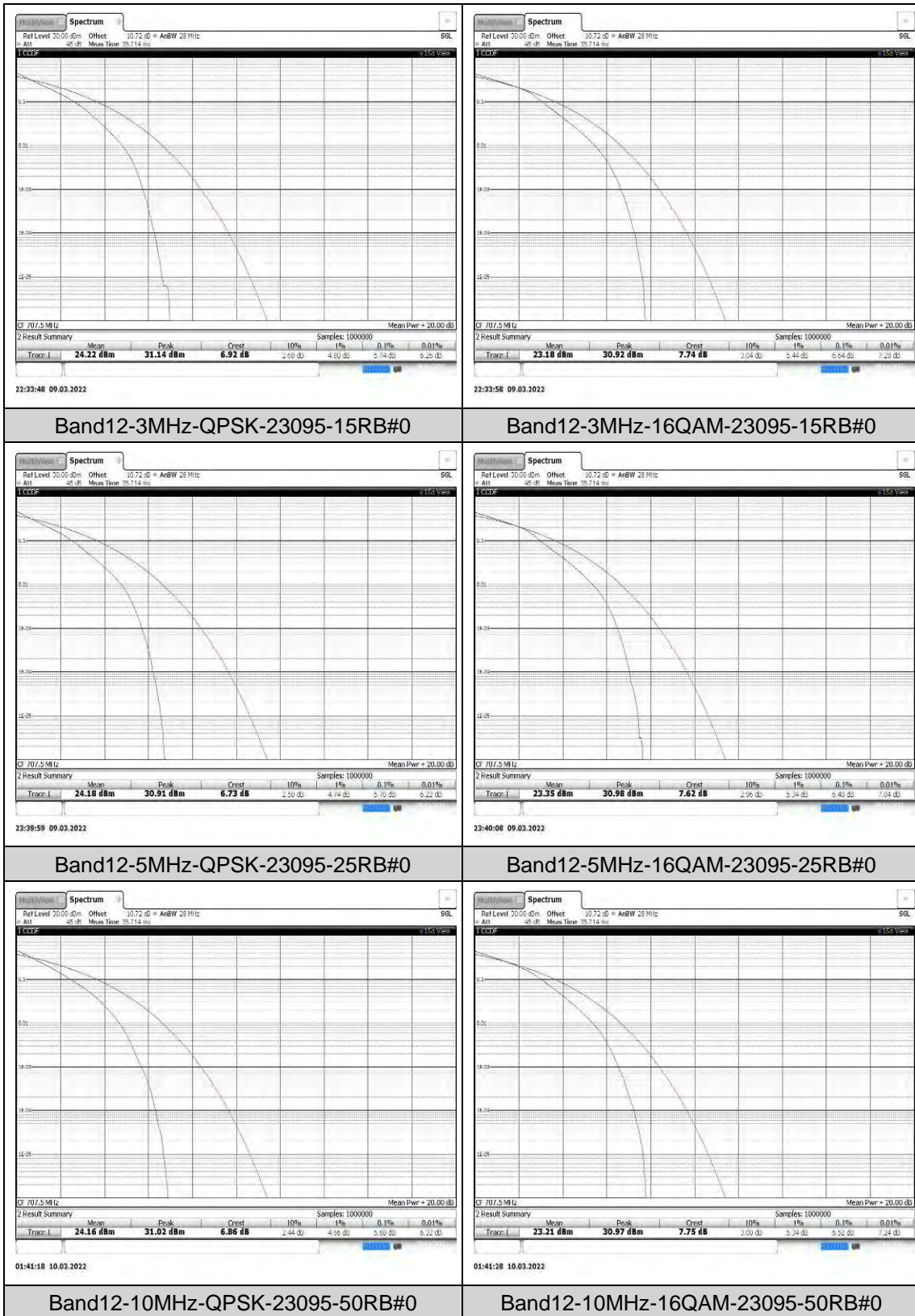
Band4-20MHz-QPSK-20175-100RB#0

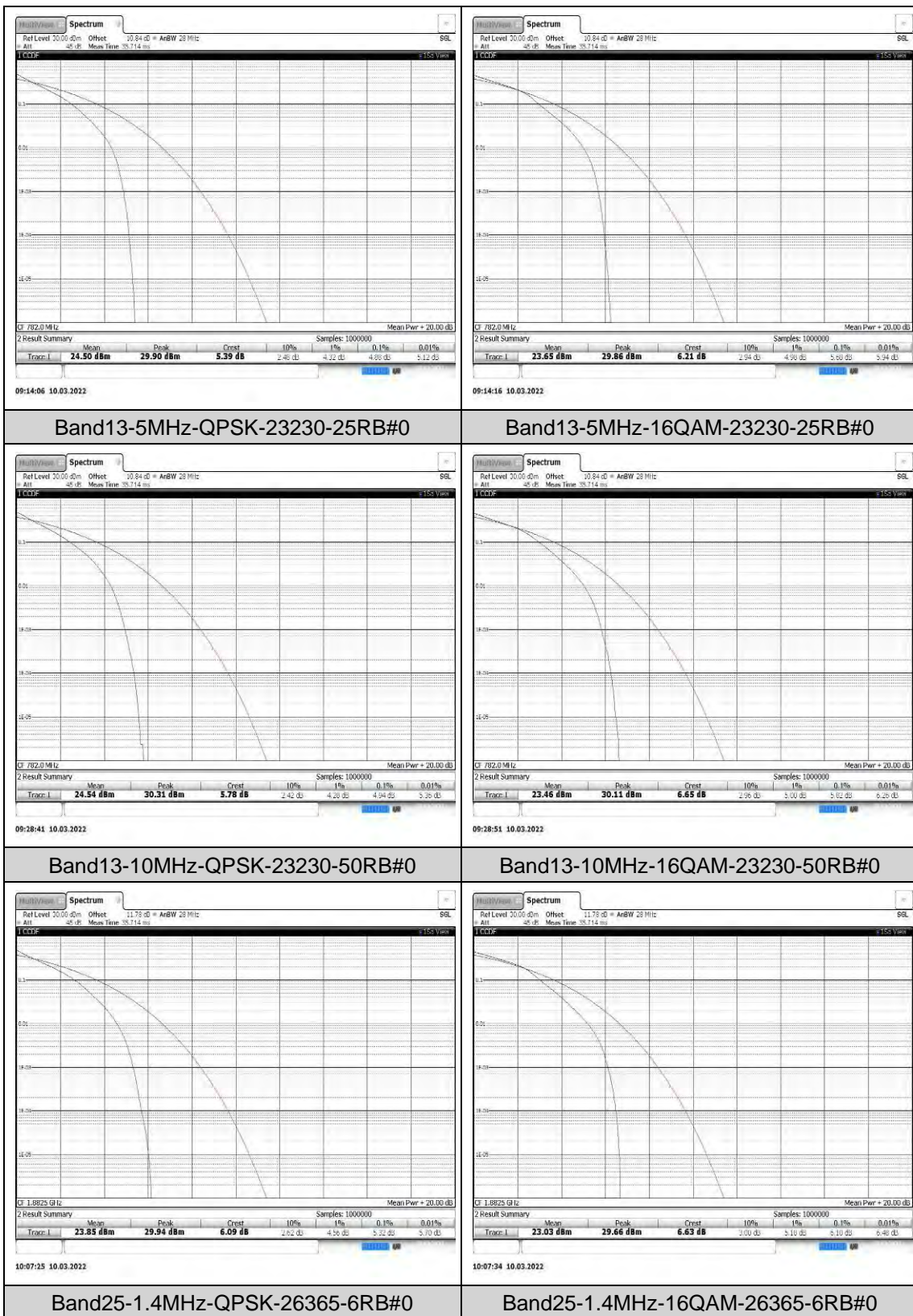
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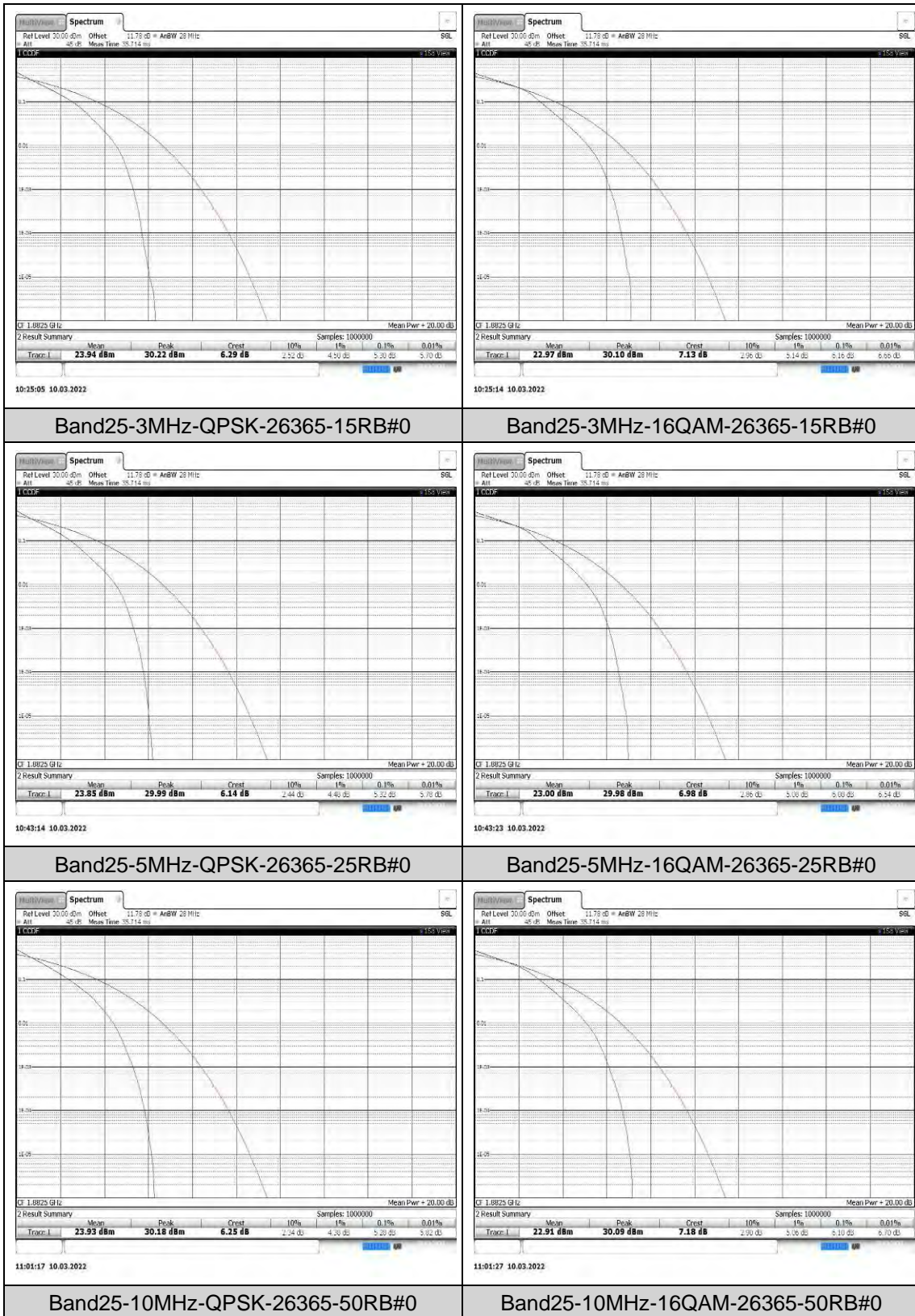


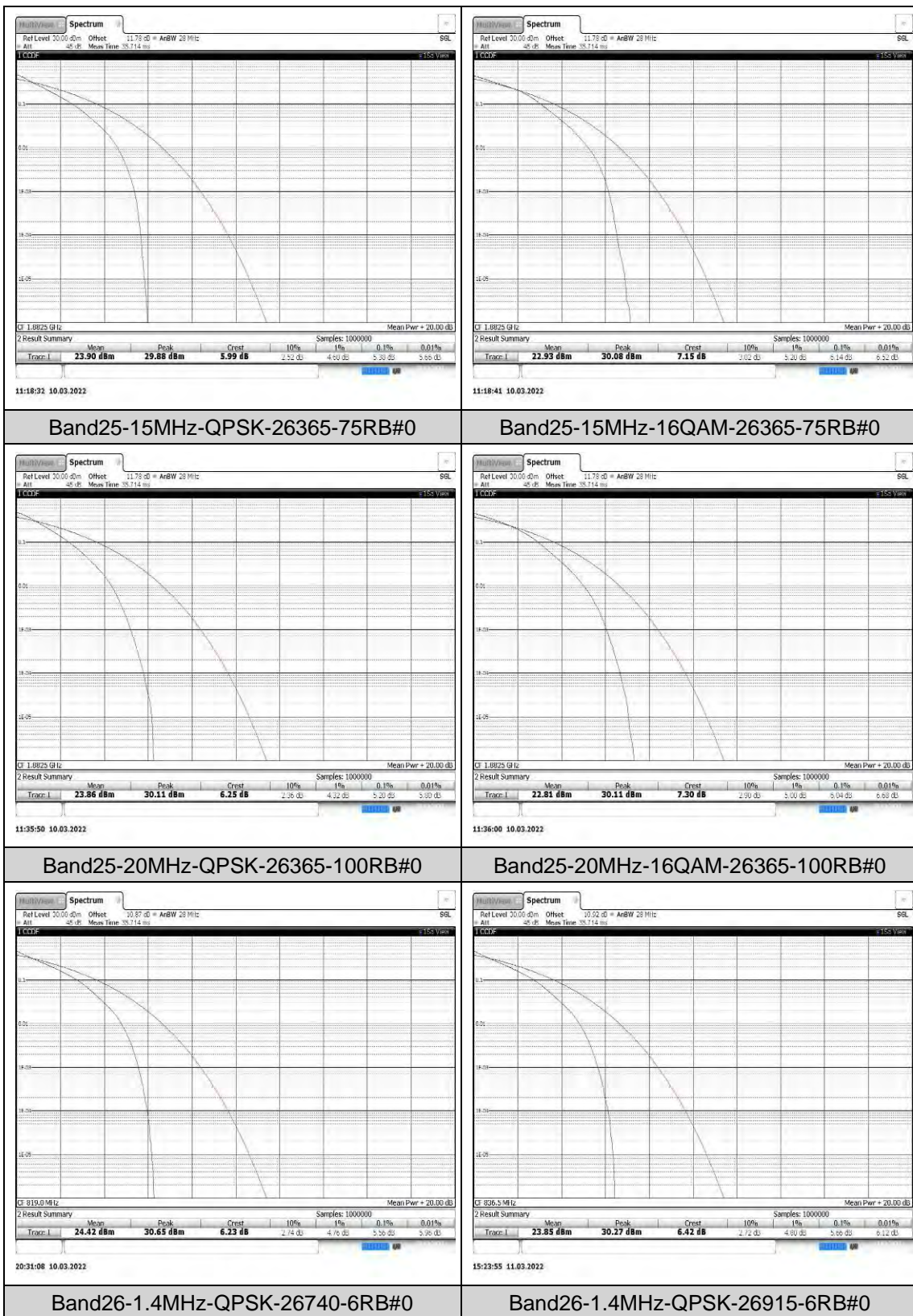


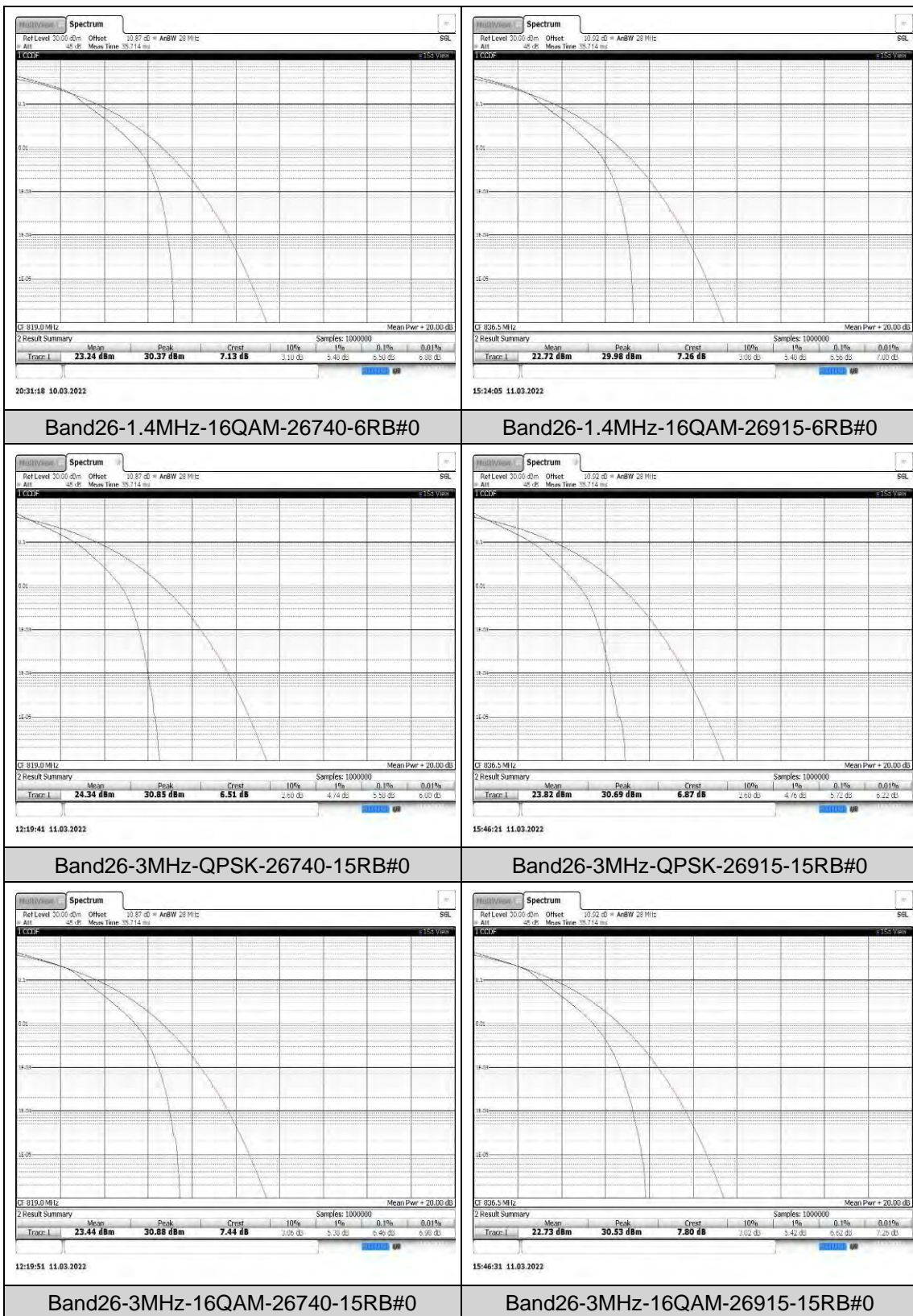


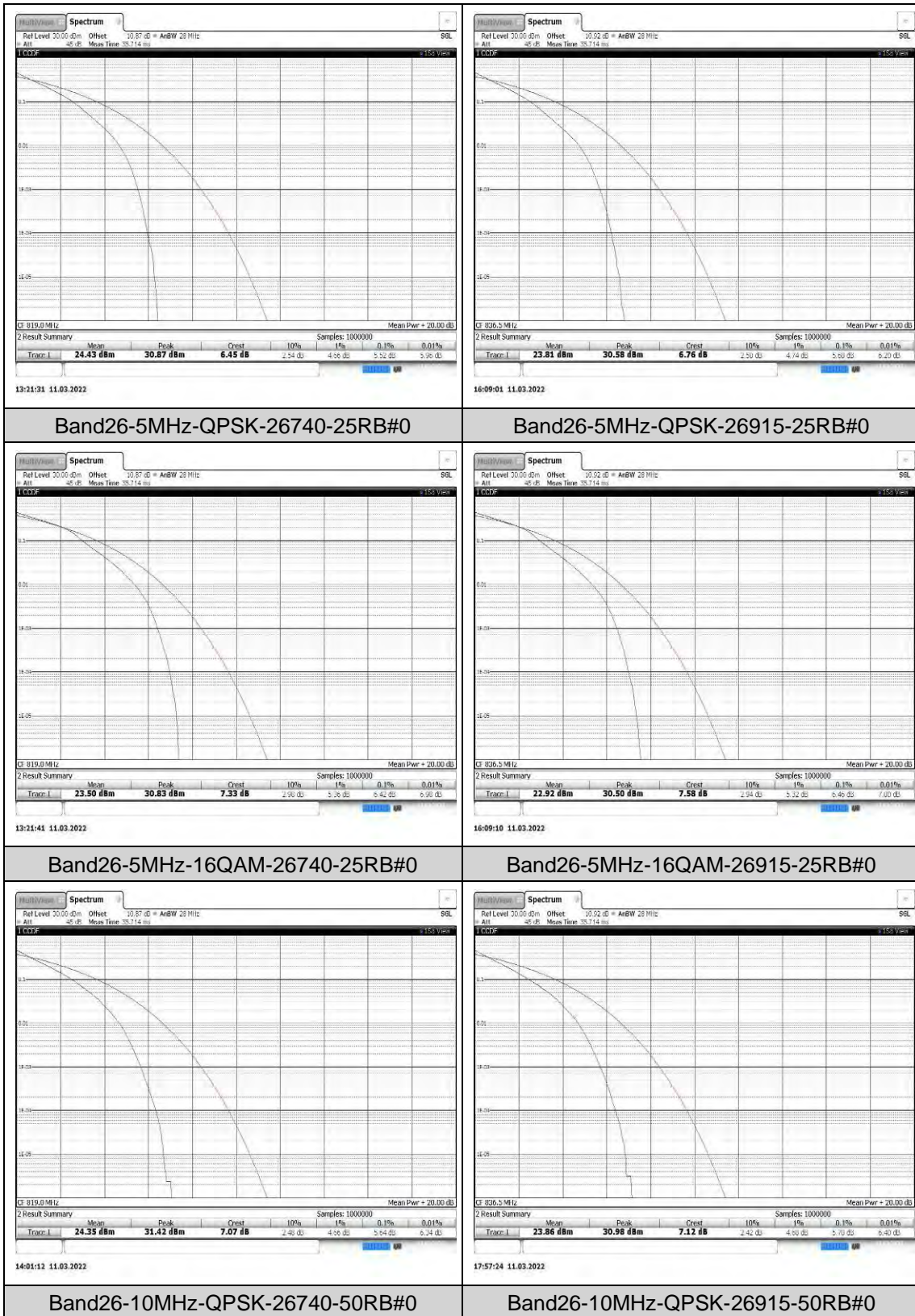


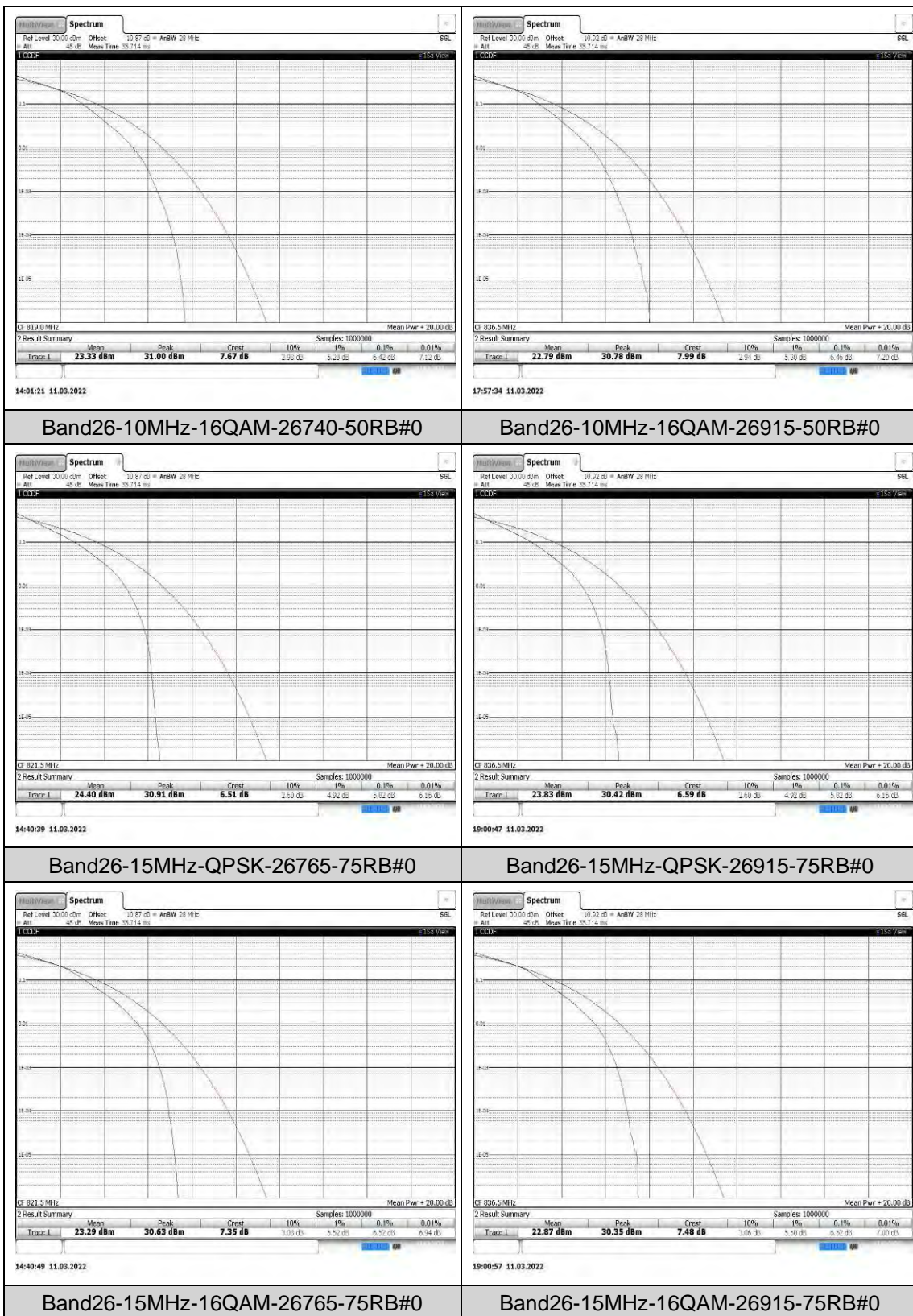


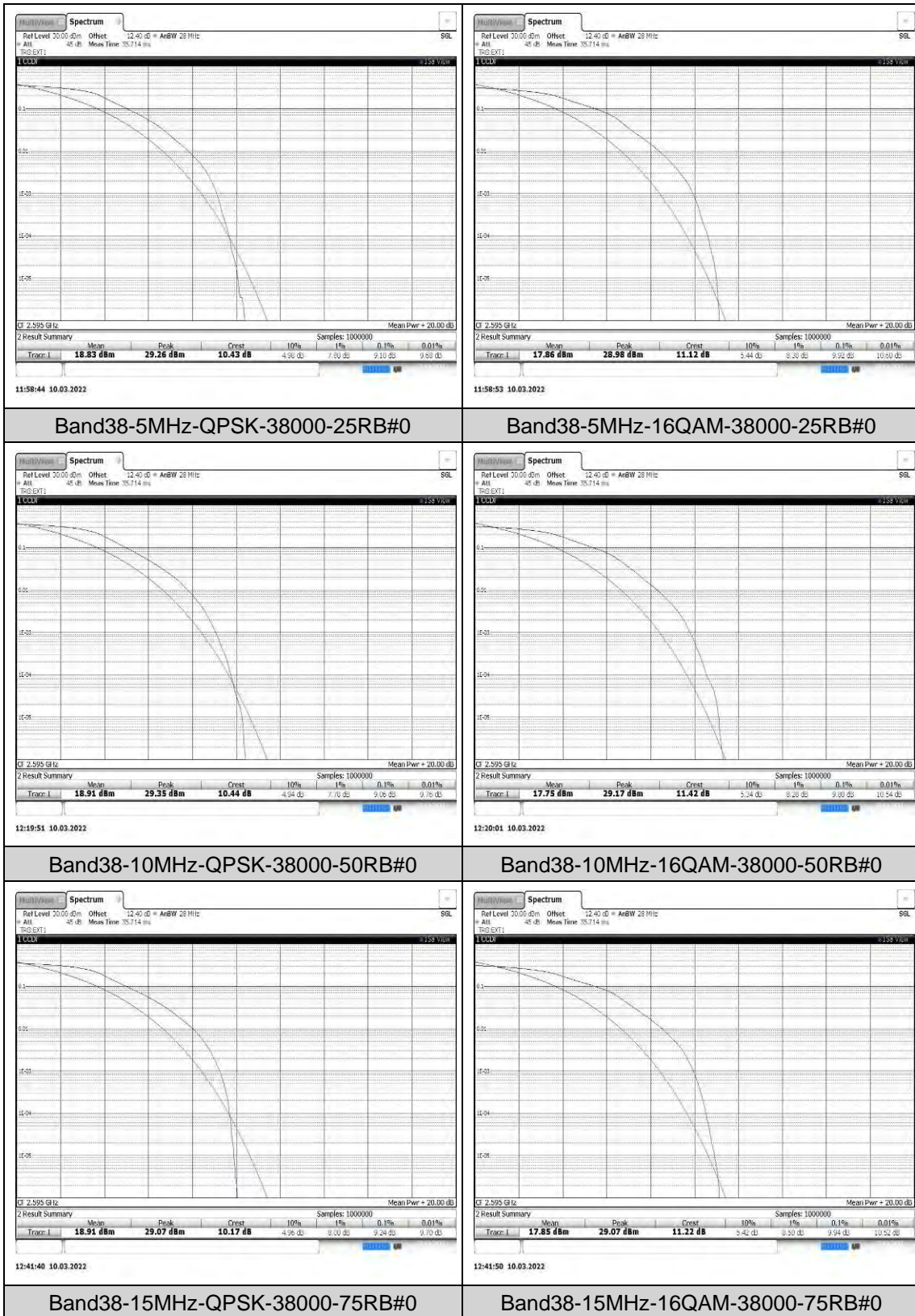


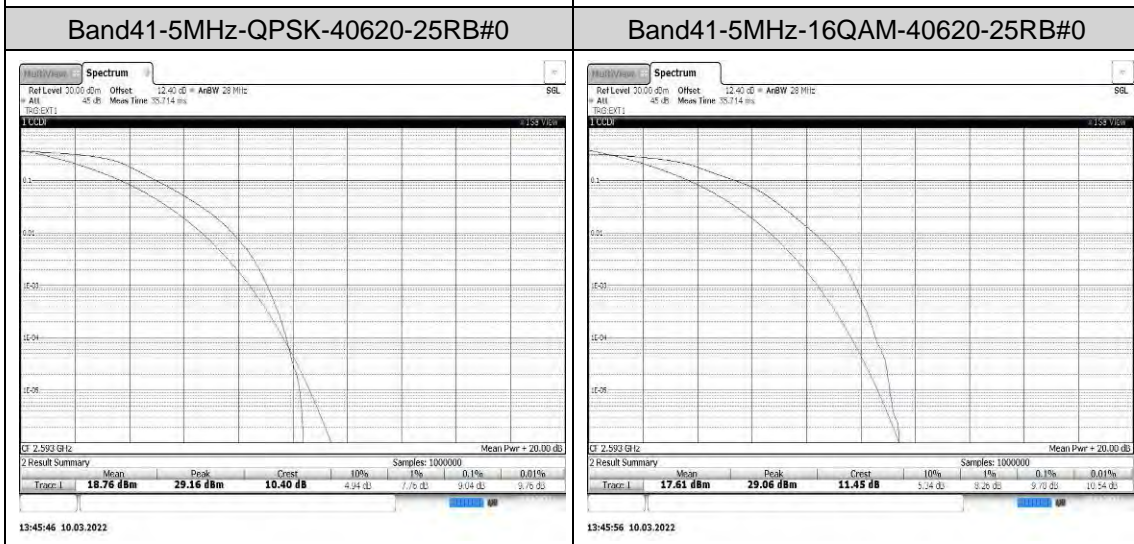
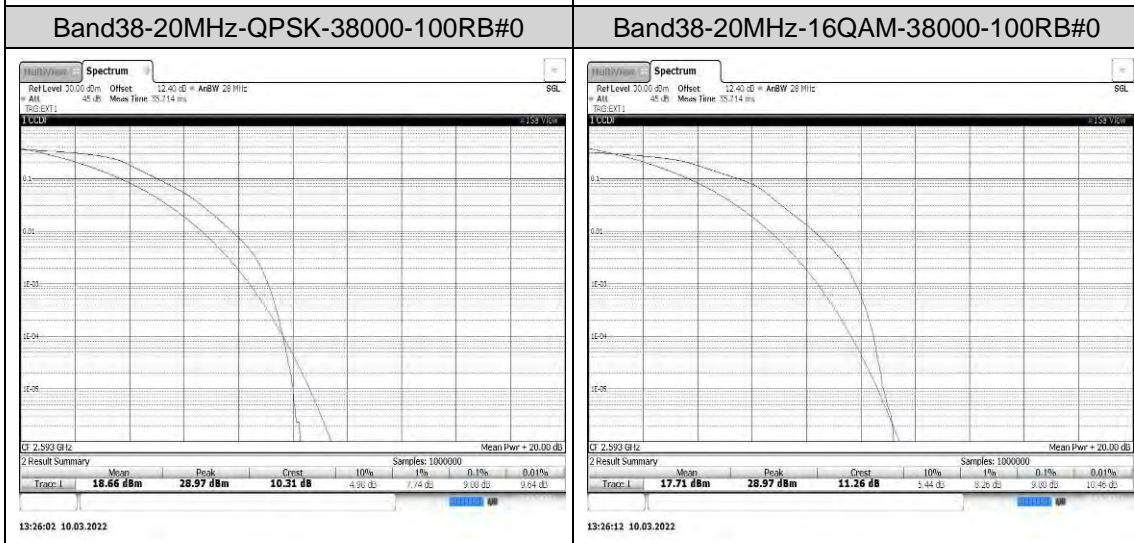
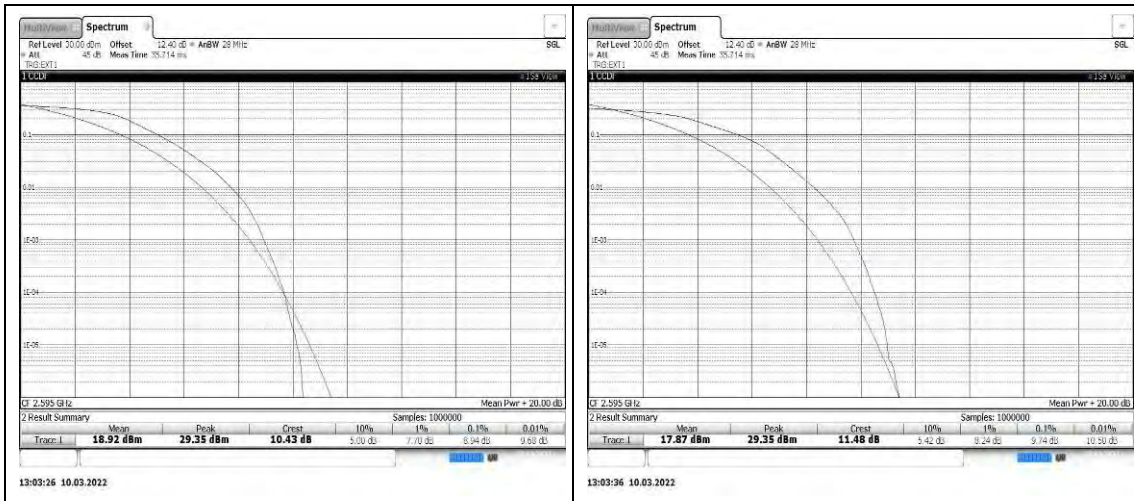


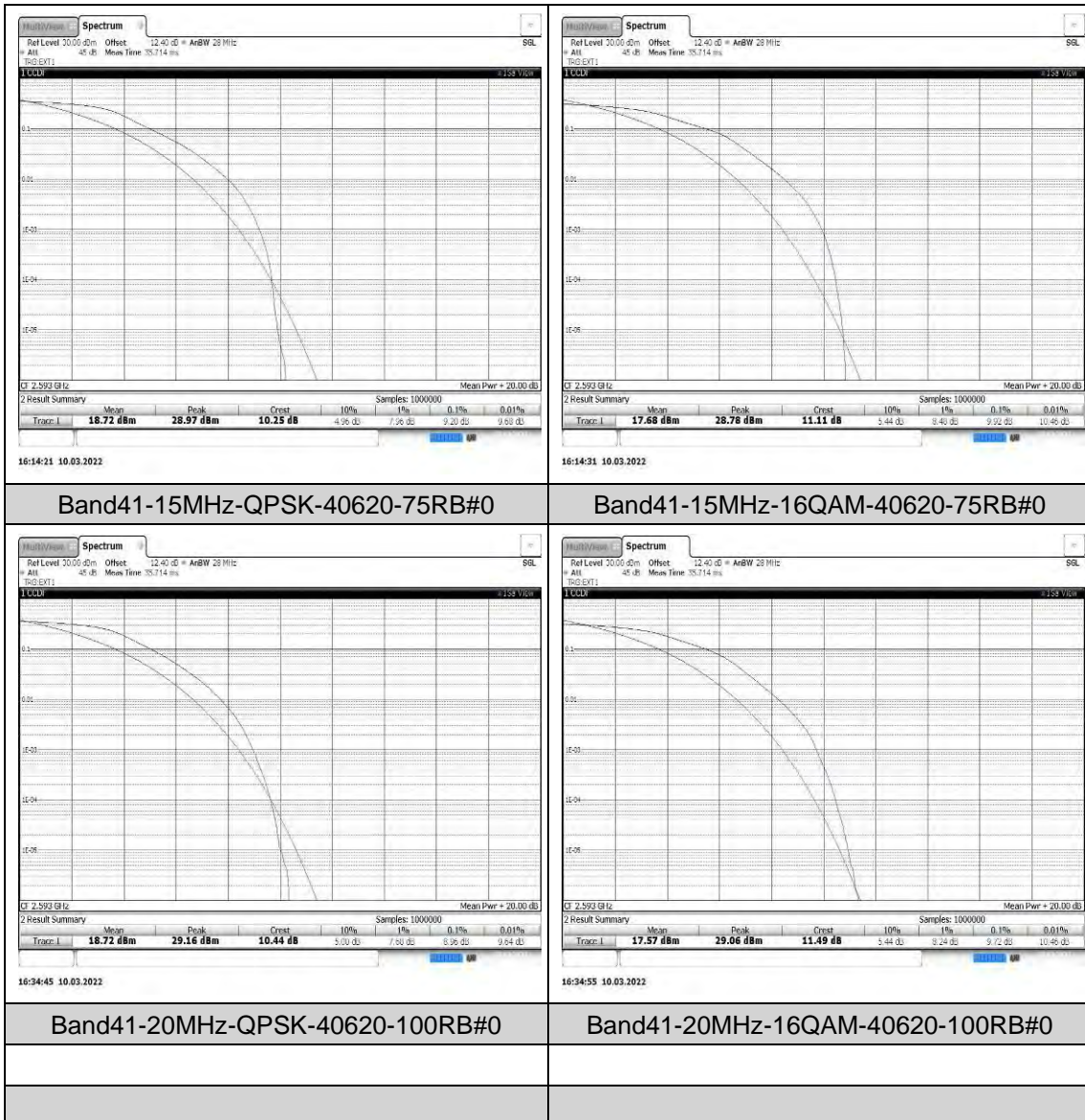












Appendix C: 26dB Bandwidth and Occupied Bandwidth

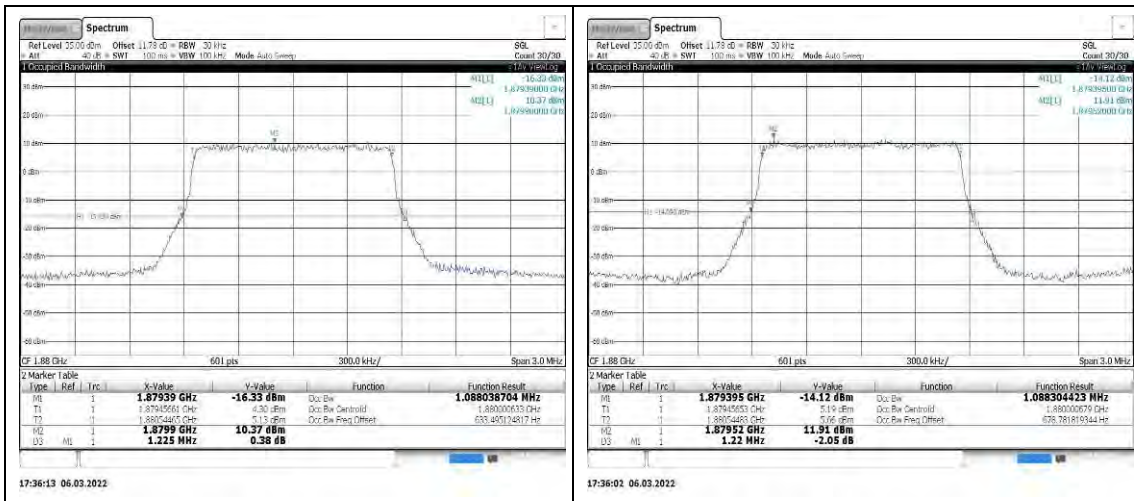
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.22	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.22	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.697	2.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.697	2.87	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.497	4.78	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.502	4.79	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.968	9.53	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.957	9.53	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.426	14.30	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.413	14.30	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.938	19.27	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.089	1.23	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.09	1.23	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.698	2.86	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.692	2.88	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5	4.77	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.504	4.78	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.954	9.53	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.953	9.53	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.403	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.401	14.30	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.91	19.20	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.91	19.20	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.089	1.24	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.09	1.26	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.88	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.699	2.86	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.493	4.78	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.506	4.78	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.971	9.53	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.976	9.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.941	9.53	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.494	4.78	PASS

Band7	5MHz	16QAM	21100	25RB#0	4.49	4.77	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.962	9.53	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.955	9.53	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.429	14.30	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.427	14.30	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.939	19.27	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.952	19.33	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.09	1.23	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.089	1.25	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.694	2.88	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.695	2.87	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.495	4.78	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.506	4.78	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.972	9.53	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.964	9.53	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.497	4.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.504	4.79	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.964	9.53	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.955	9.53	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.089	1.24	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.09	1.24	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.698	2.87	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.696	2.88	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.498	4.78	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.508	4.78	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.963	9.53	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.955	9.53	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.408	14.30	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.406	14.30	PASS
Band25	20MHz	QPSK	26365	100RB#0	17.904	19.27	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.903	19.27	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.089	1.24	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	1.09	1.22	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.09	1.24	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	1.091	1.24	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.696	2.89	PASS
Band26	3MHz	QPSK	26915	15RB#0	2.7	2.88	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.702	2.86	PASS
Band26	3MHz	16QAM	26915	15RB#0	2.699	2.87	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.497	4.78	PASS
Band26	5MHz	QPSK	26915	25RB#0	4.497	4.78	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.496	4.78	PASS
Band26	5MHz	16QAM	26915	25RB#0	4.505	4.78	PASS

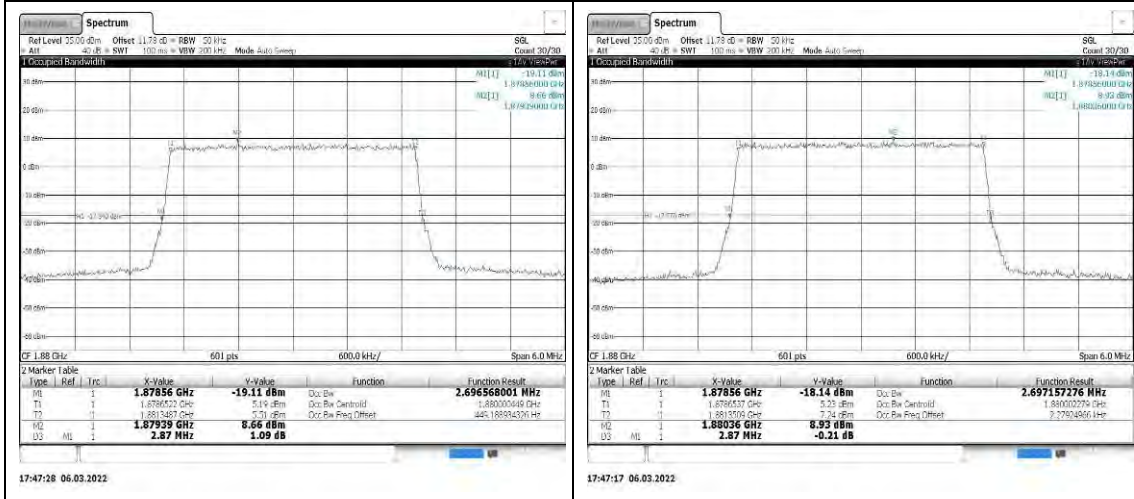
Band26	10MHz	QPSK	26740	50RB#0	8.99	9.53	PASS
Band26	10MHz	QPSK	26915	50RB#0	8.985	9.53	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.991	9.53	PASS
Band26	10MHz	16QAM	26915	50RB#0	8.983	9.53	PASS
Band26	15MHz	QPSK	26915	75RB#0	13.453	14.30	PASS
Band26	15MHz	16QAM	26915	75RB#0	13.443	14.30	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.496	4.78	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.76	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.954	9.53	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.956	9.53	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.433	14.30	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.431	14.30	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.963	19.33	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.947	19.27	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.499	4.79	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.487	4.77	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.955	9.53	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.959	9.53	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.434	14.30	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.424	14.30	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.946	19.33	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.94	19.27	PASS

Test Graphs



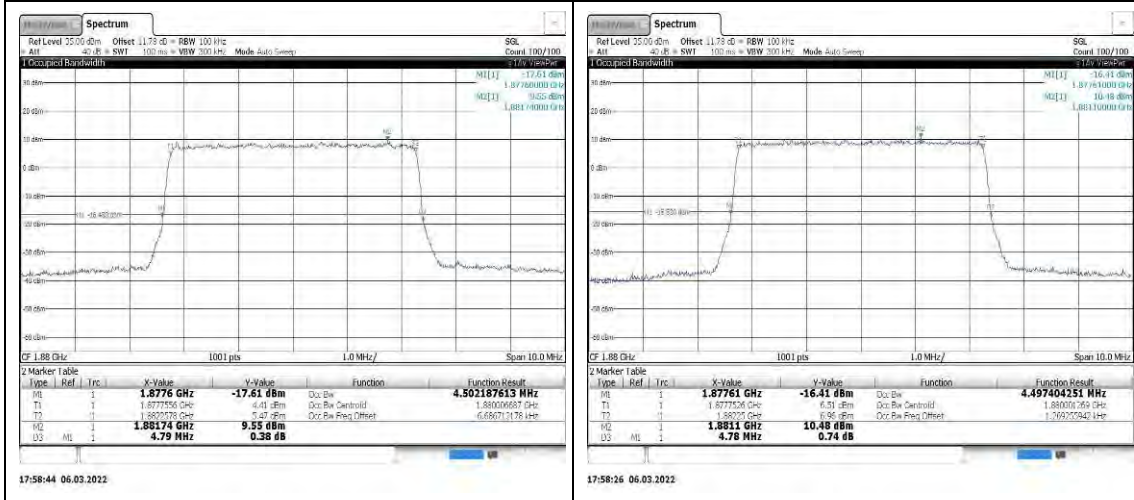
Band2-1.4MHz-16QAM-18900-6RB#0

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



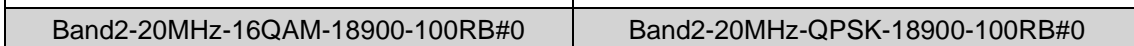
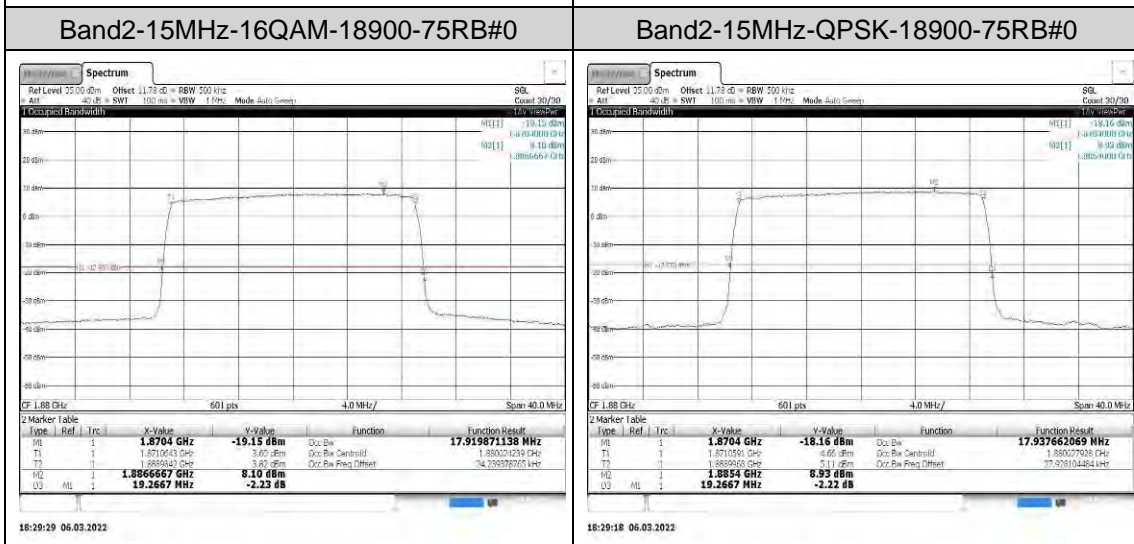
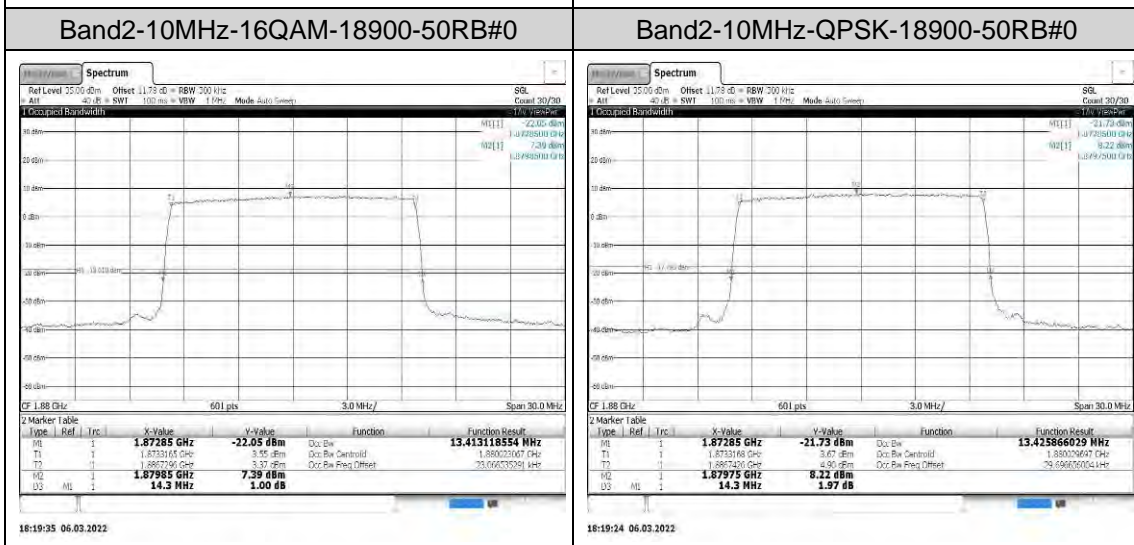
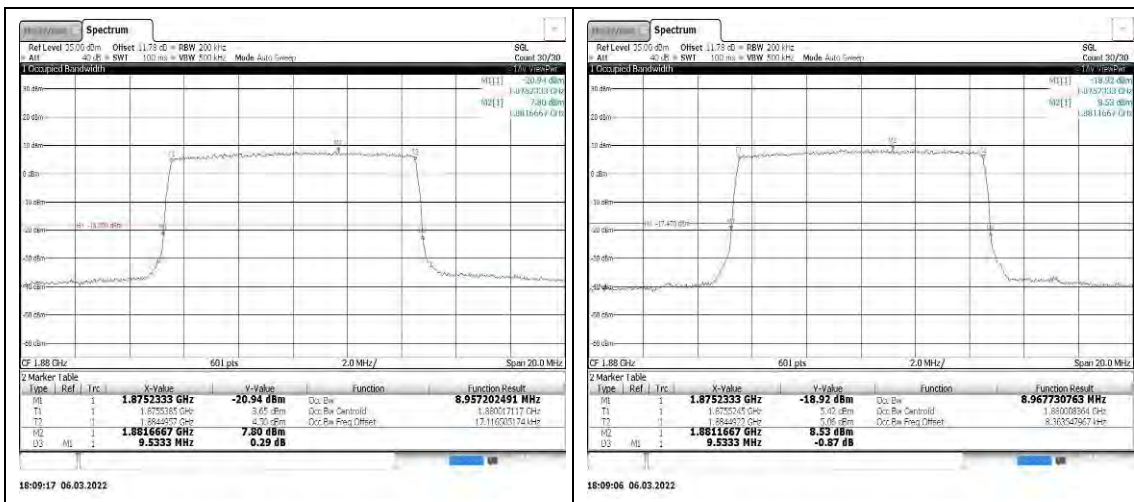
Band2-3MHz-16QAM-18900-15RB#0

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

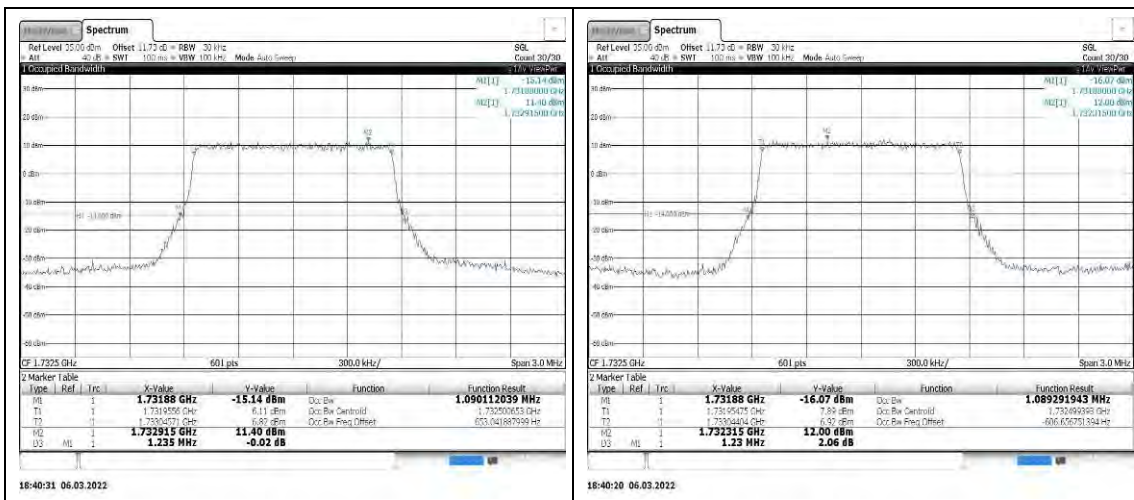


Band2-5MHz-16QAM-18900-25RB#0

Band2-5MHz-QPSK-18900-25RB#0

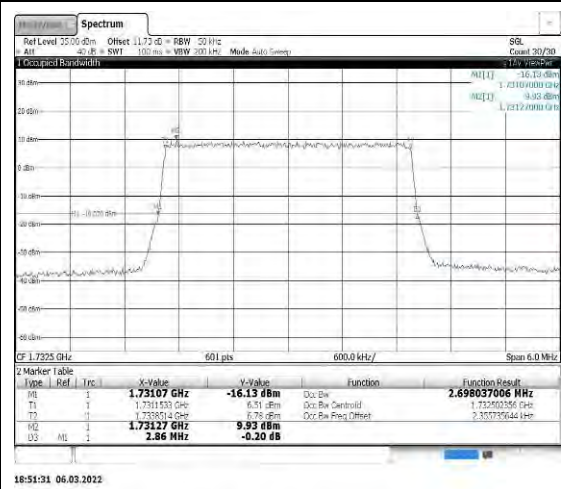
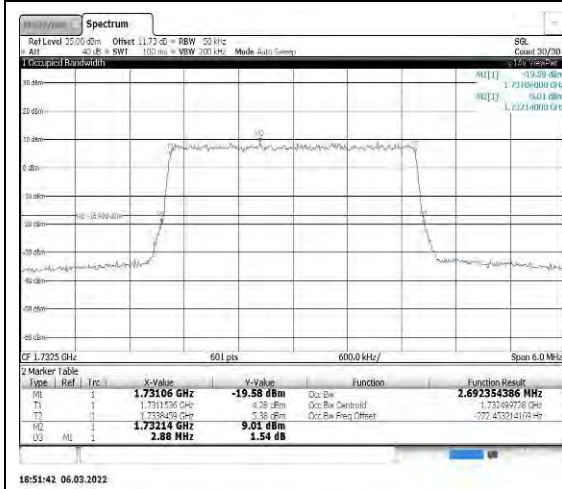


Band2-20MHz-16QAM-18900-100RB#0 **Band2-20MHz-QPSK-18900-100RB#0**



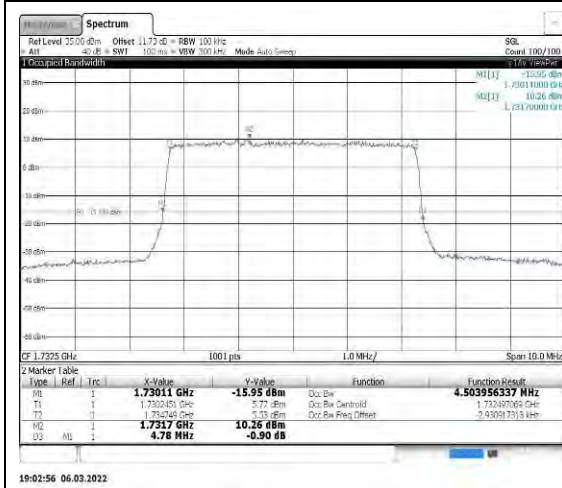
Band4-1.4MHz-16QAM-20175-6RB#0

Band4-1.4MHz-QPSK-20175-6RB#0



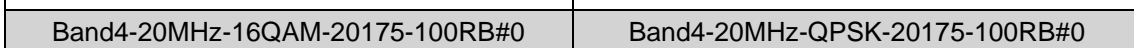
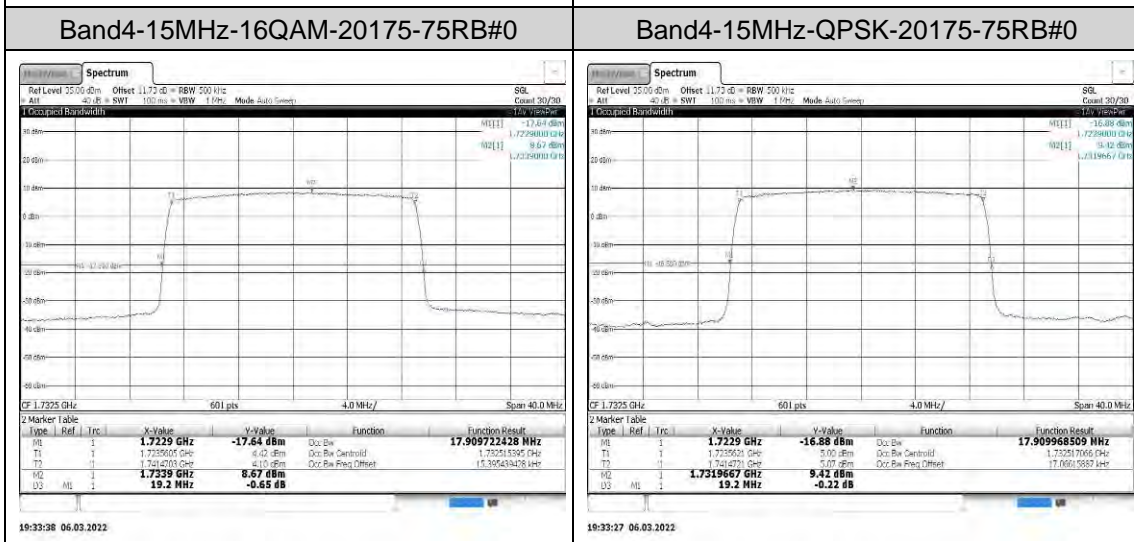
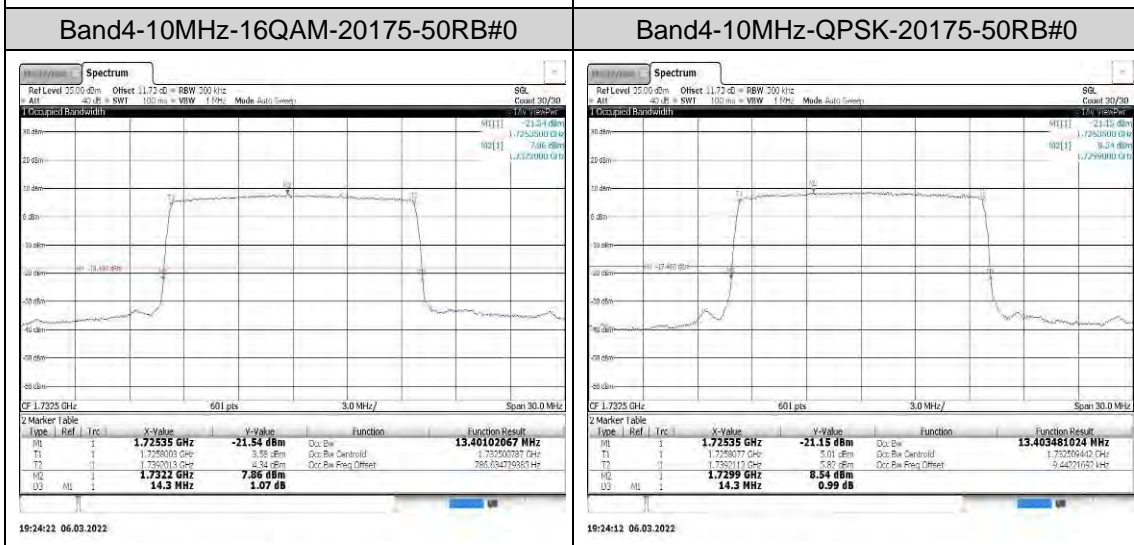
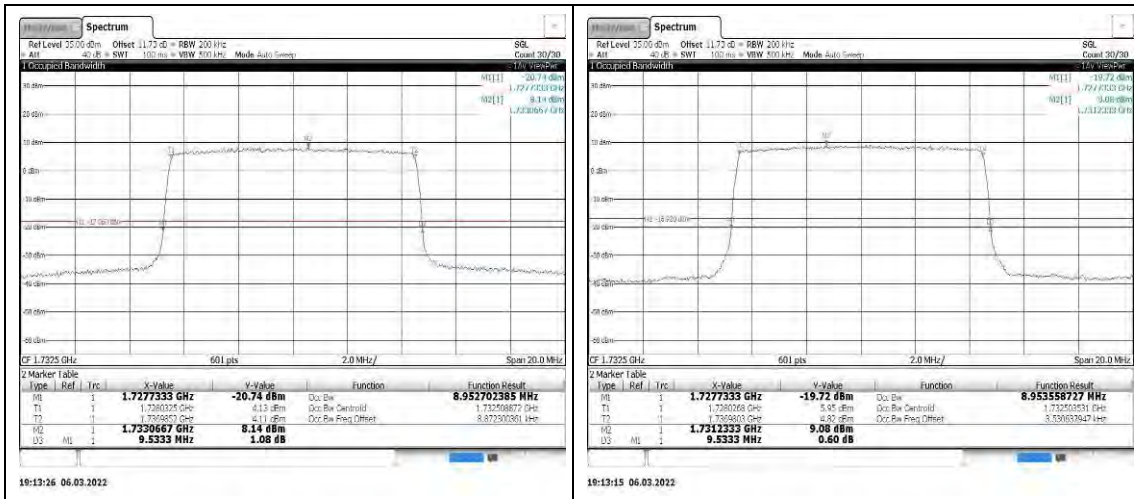
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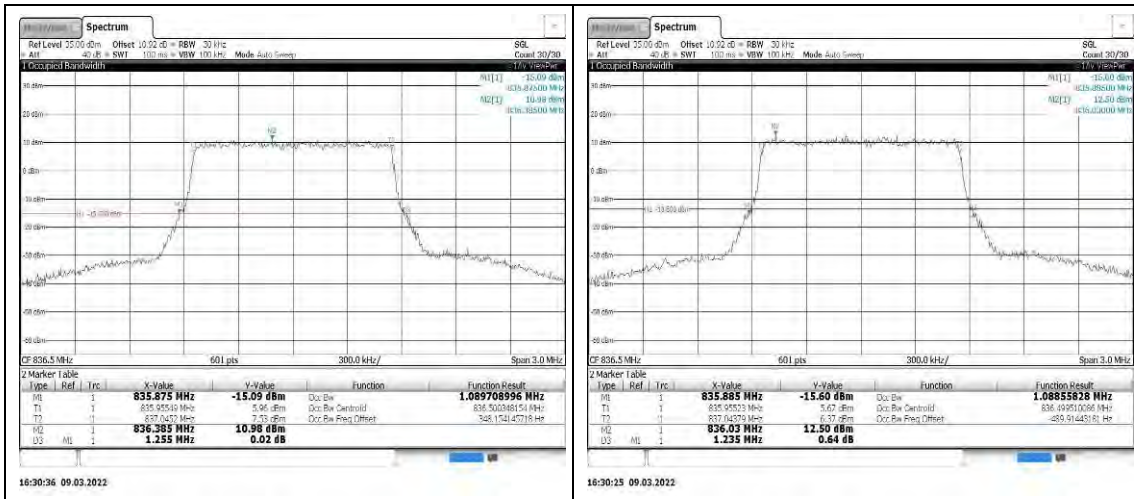
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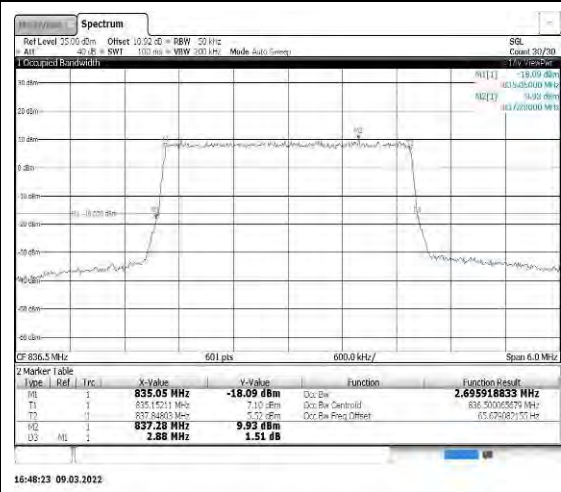
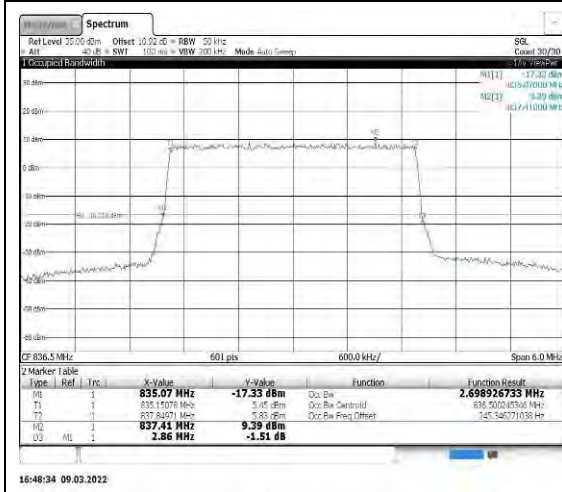
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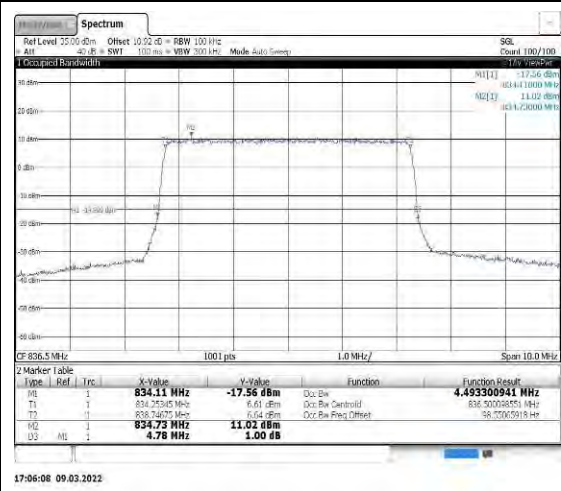
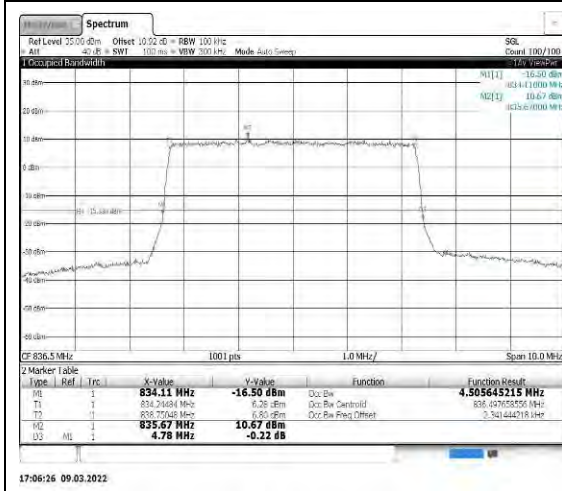
Band5-1.4MHz-16QAM-20525-6RB#0

Band5-1.4MHz-QPSK-20525-6RB#0



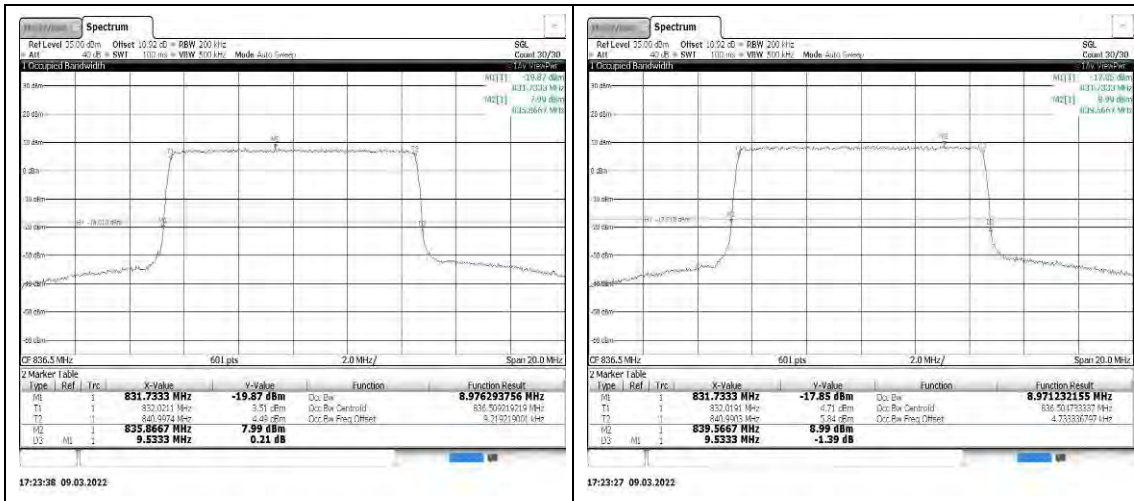
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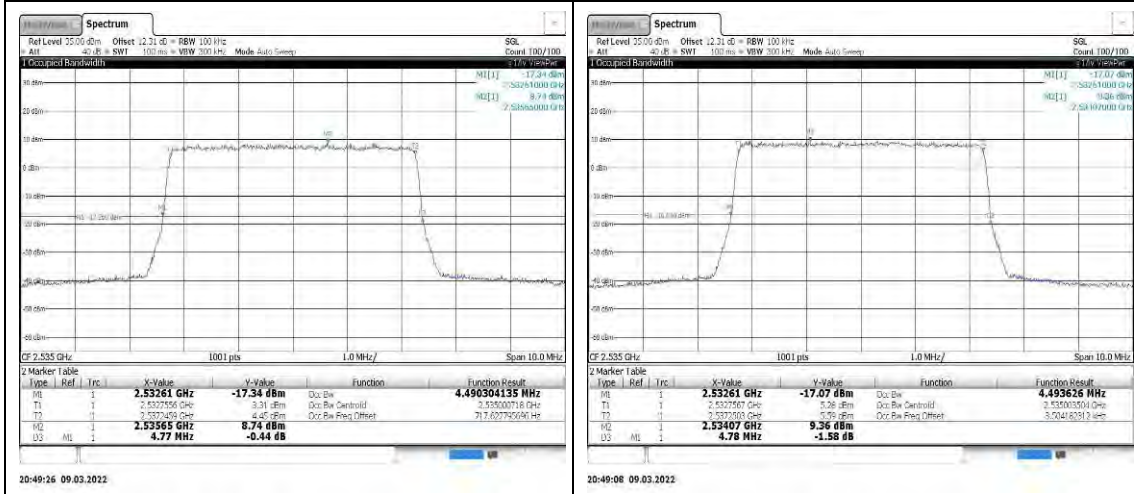
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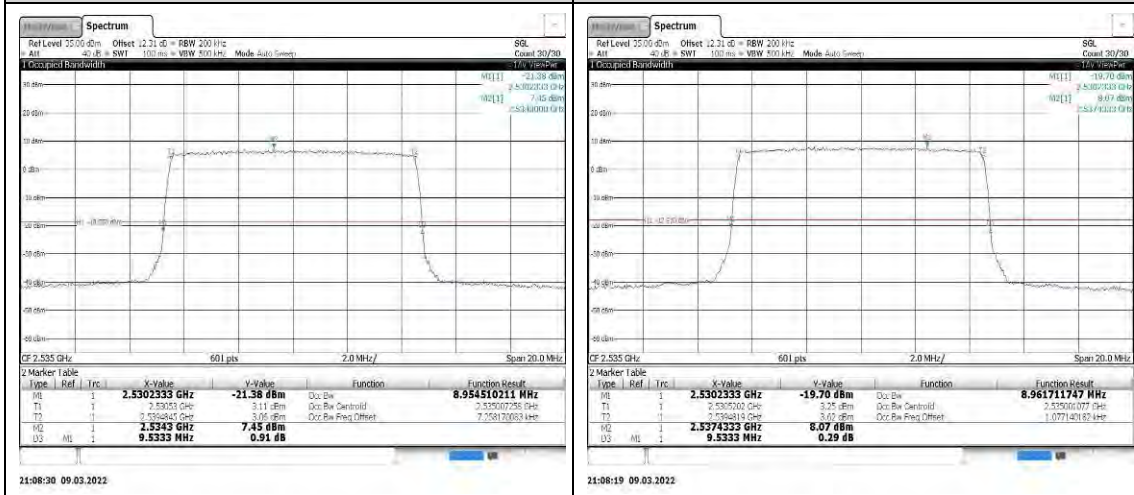
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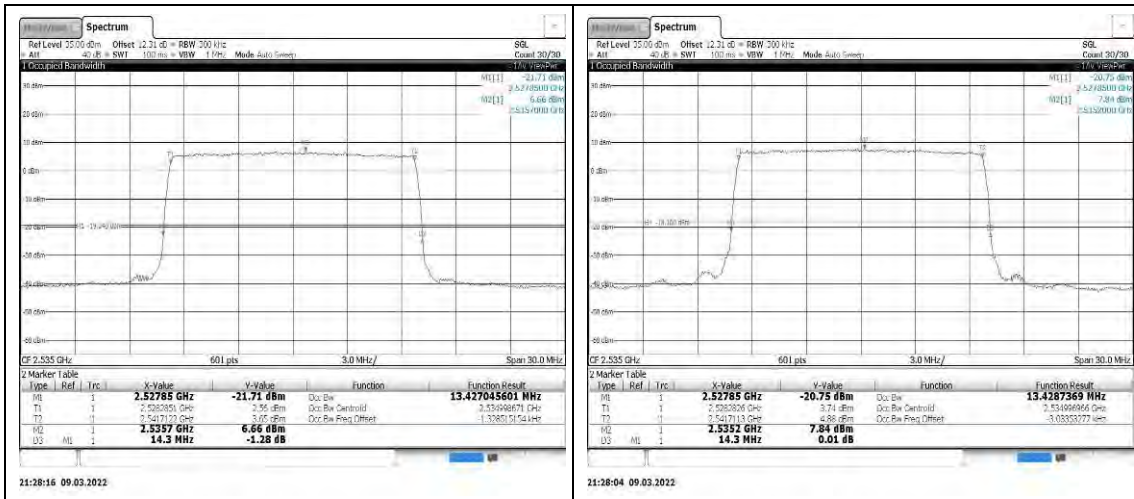
Band7-5MHz-16QAM-21100-25RB#0

Band7-5MHz-QPSK-21100-25RB#0



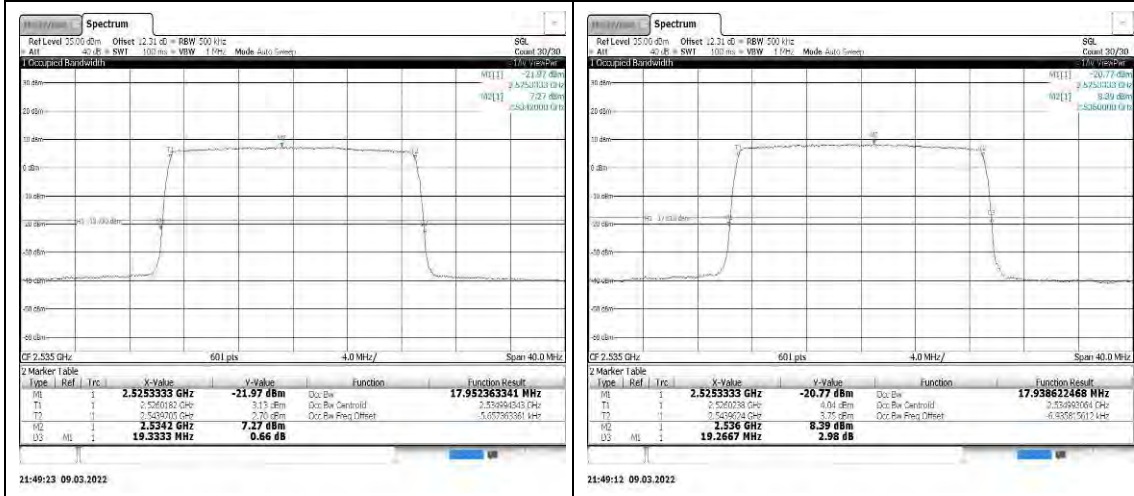
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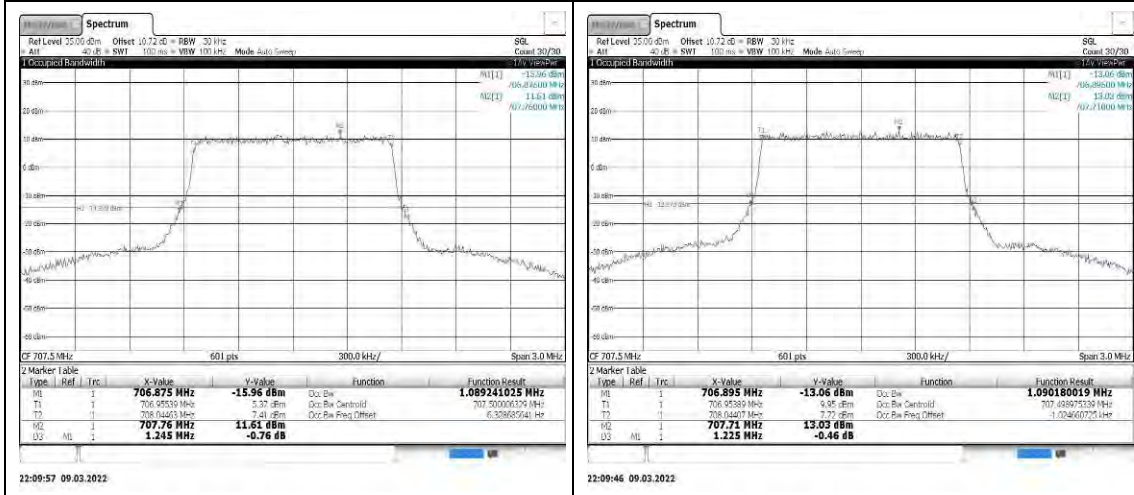
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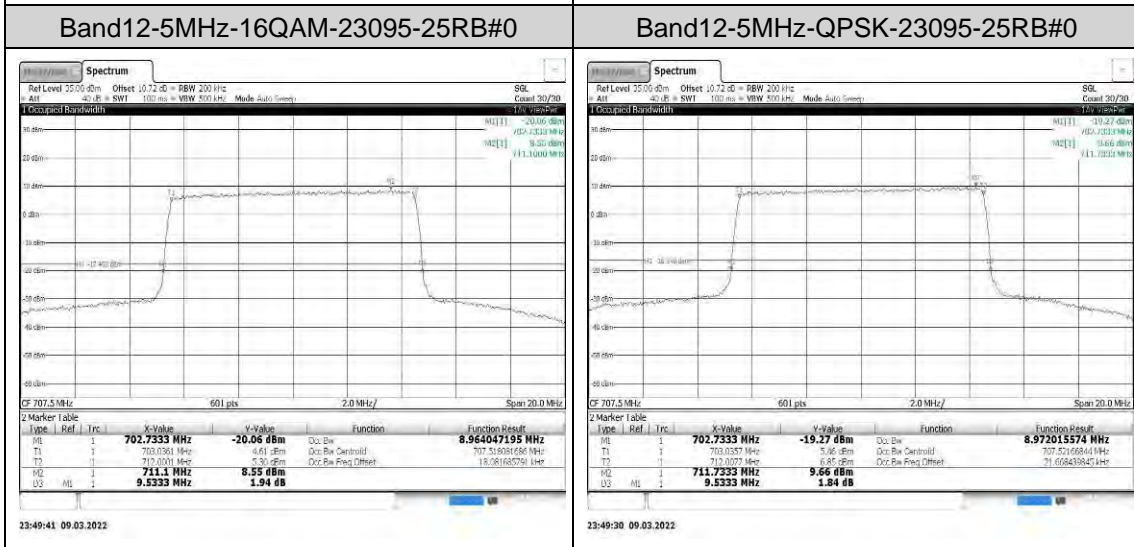
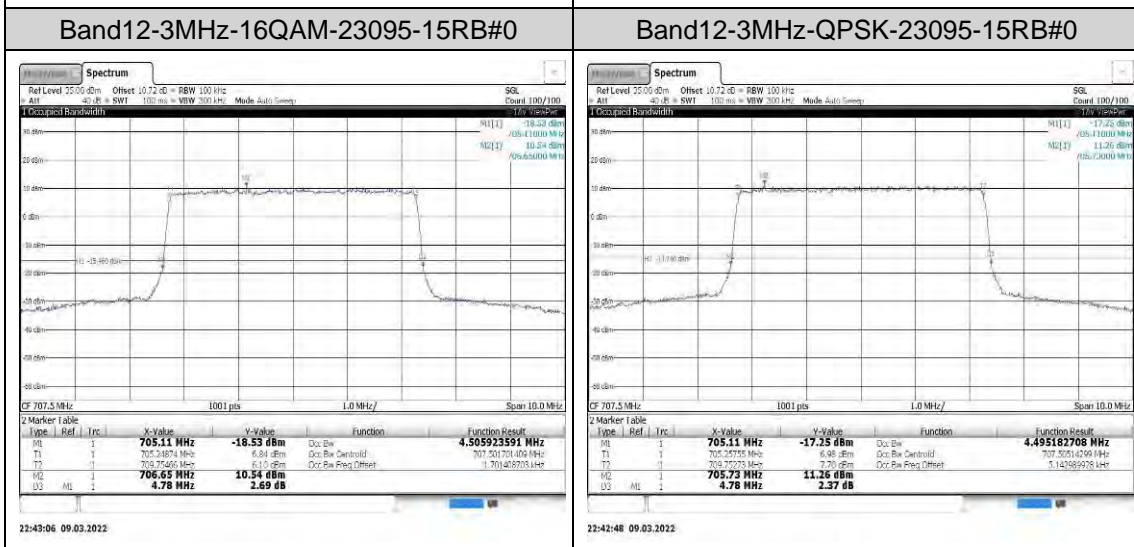
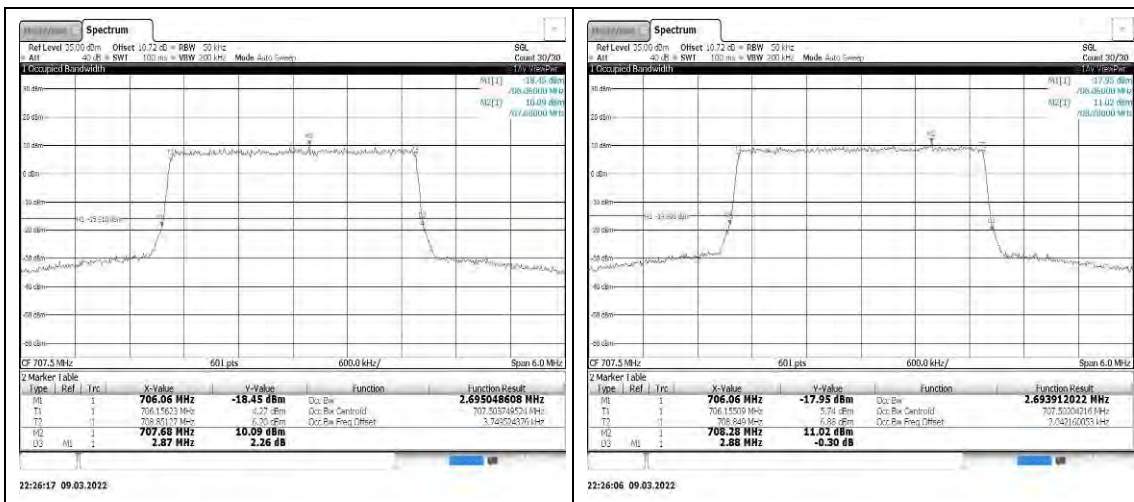
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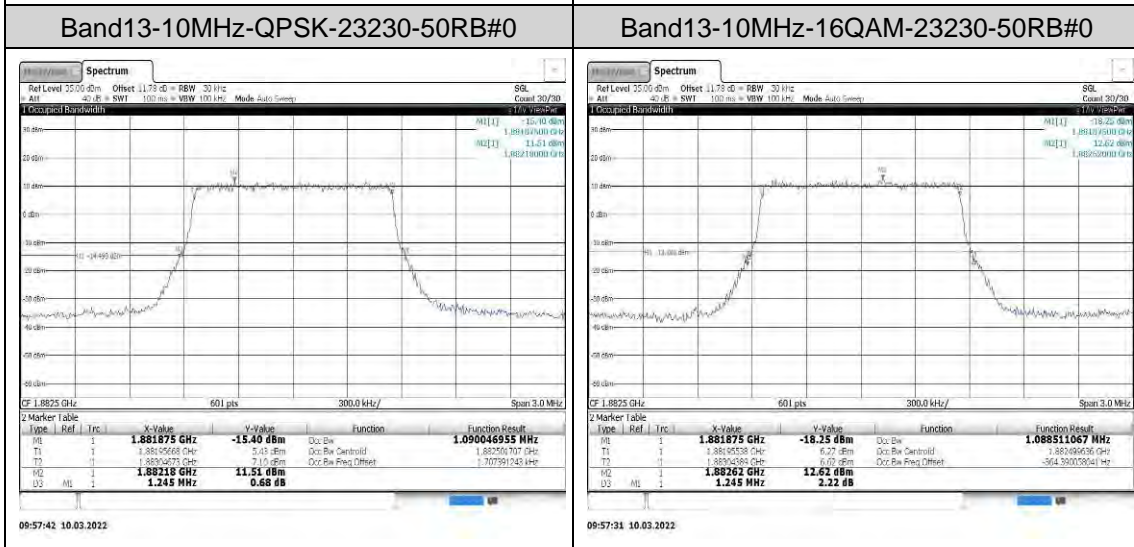
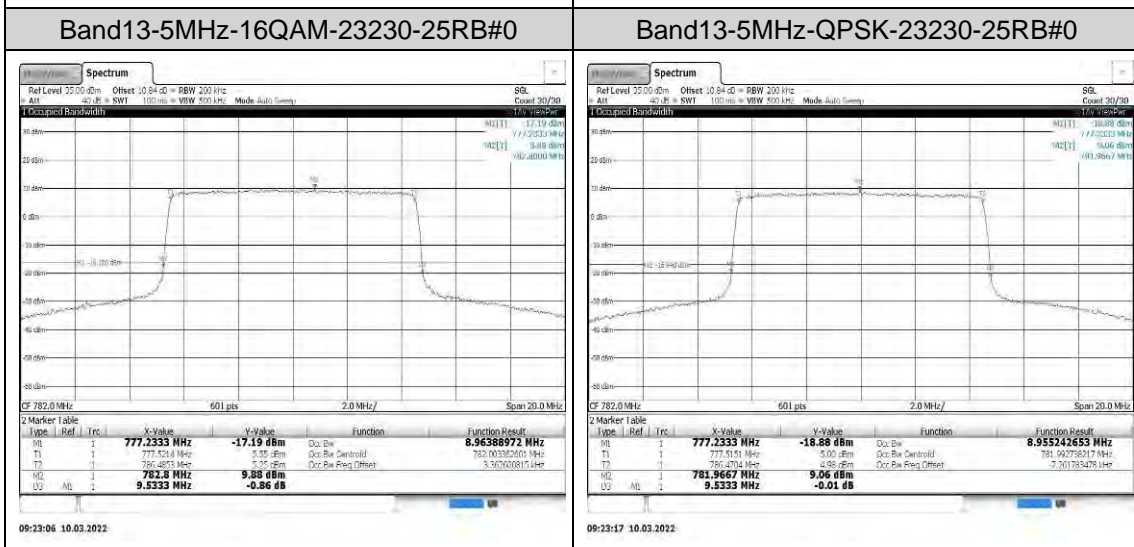
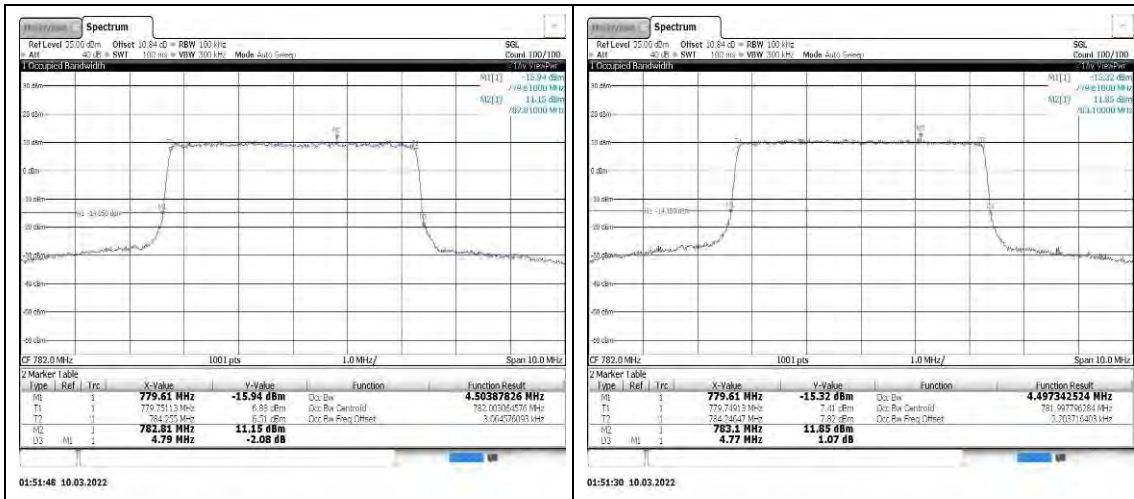
Band7-20MHz-QPSK-21100-100RB#0

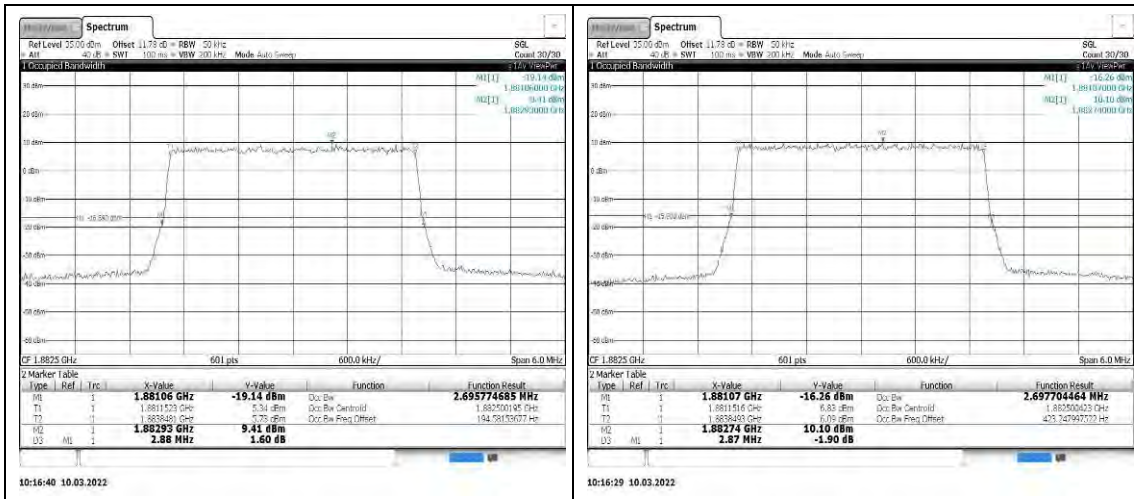


Band12-1.4MHz-16QAM-23095-6RB#0

Band12-1.4MHz-QPSK-23095-6RB#0

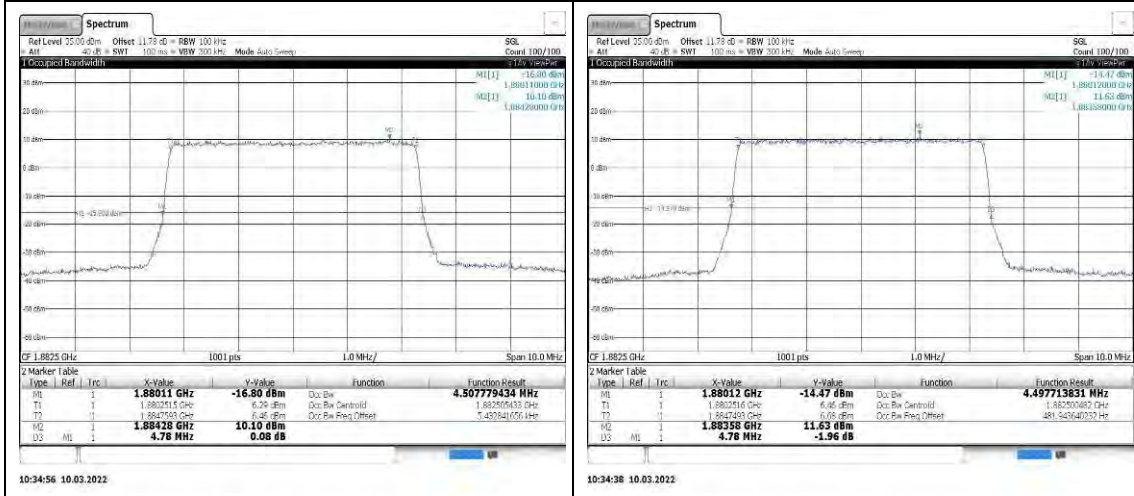






Band25-3MHz-16QAM-26365-15RB#0

Band25-3MHz-QPSK-26365-15RB#0

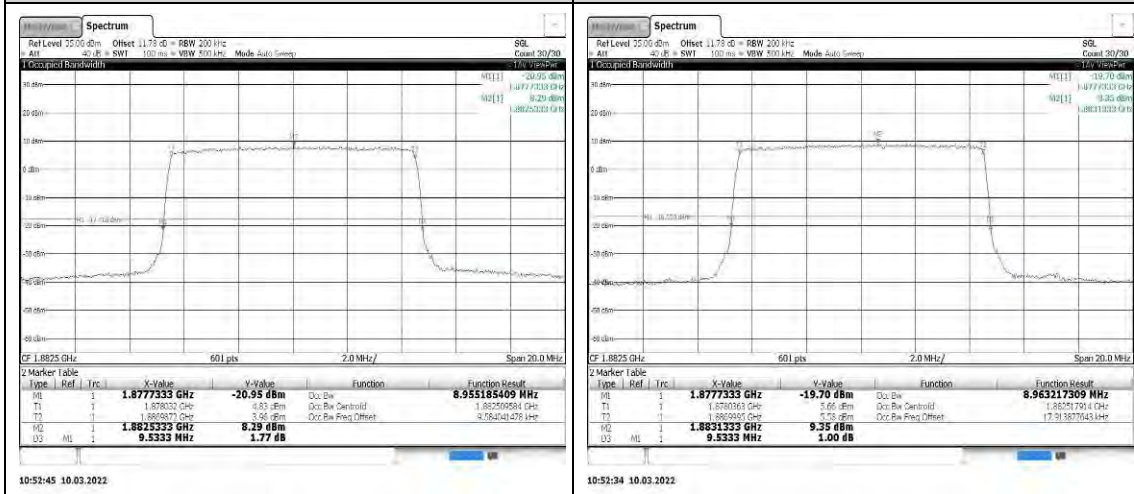


Band25-5MHz-16QAM-26365-25RB#0

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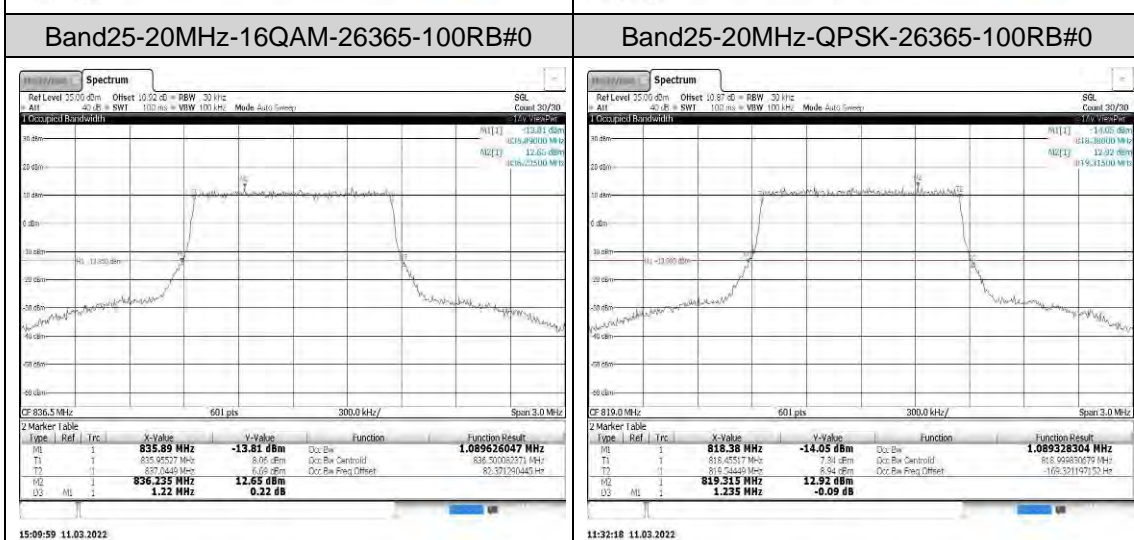
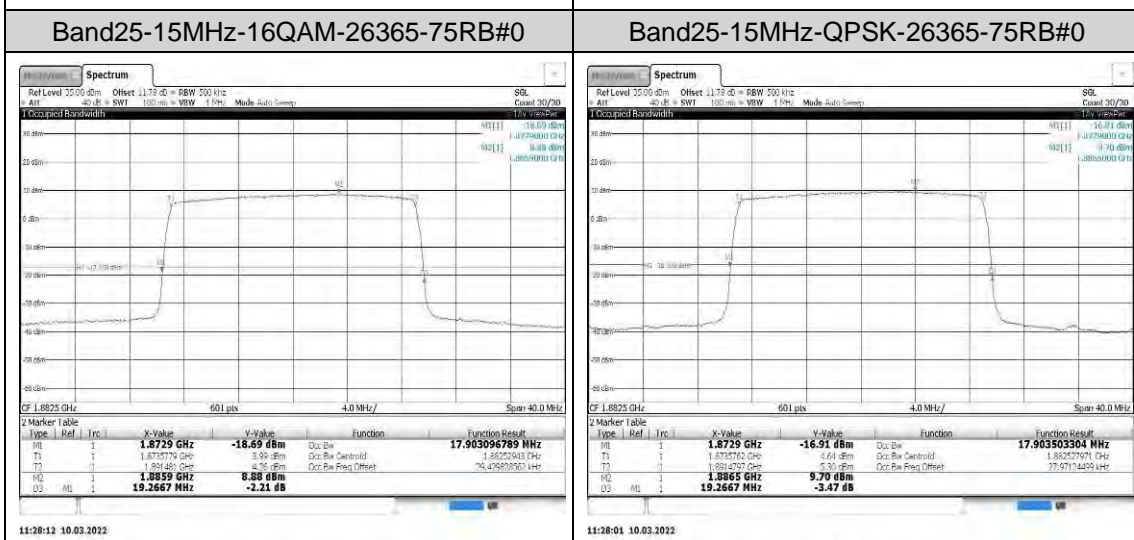
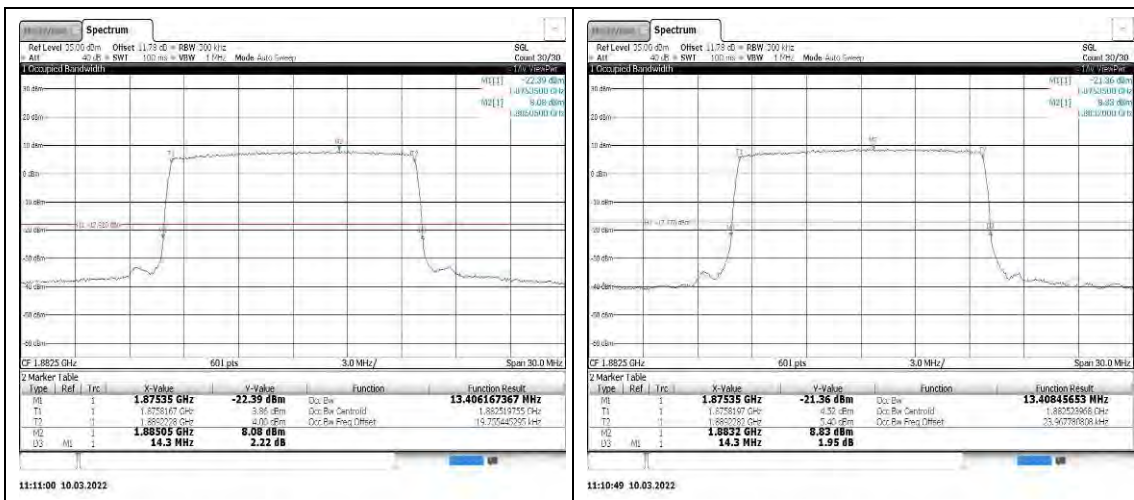
Band25-10MHz-QPSK-26640-50RB#0

Band25-5MHz-16QAM-26665-25RB#0

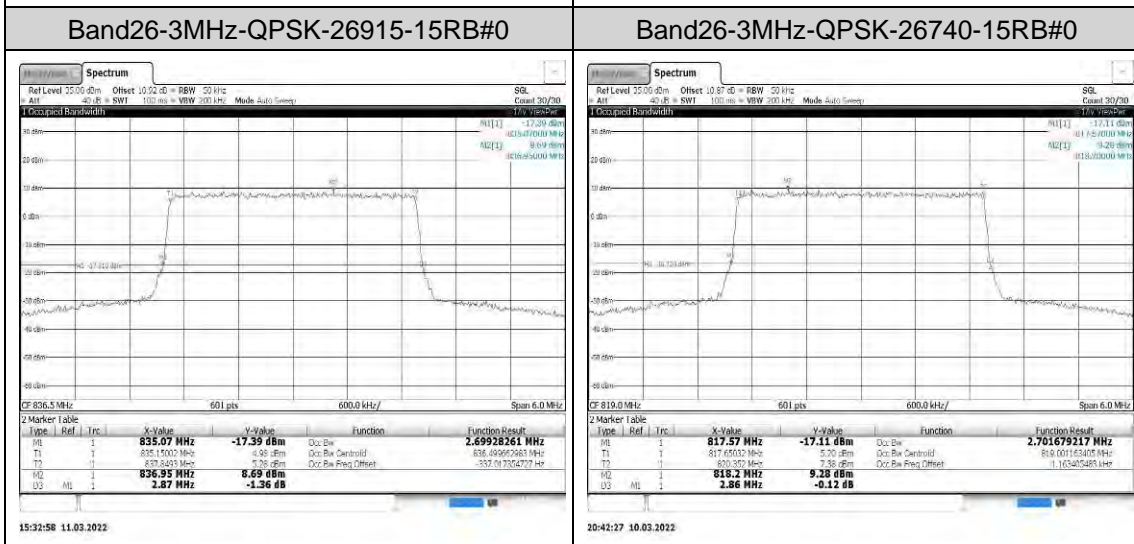
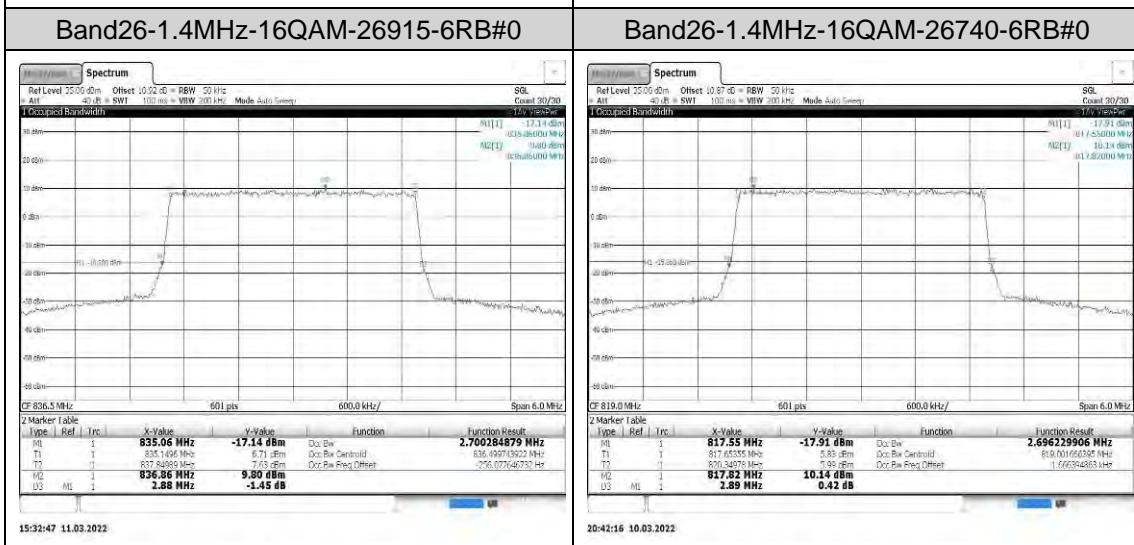
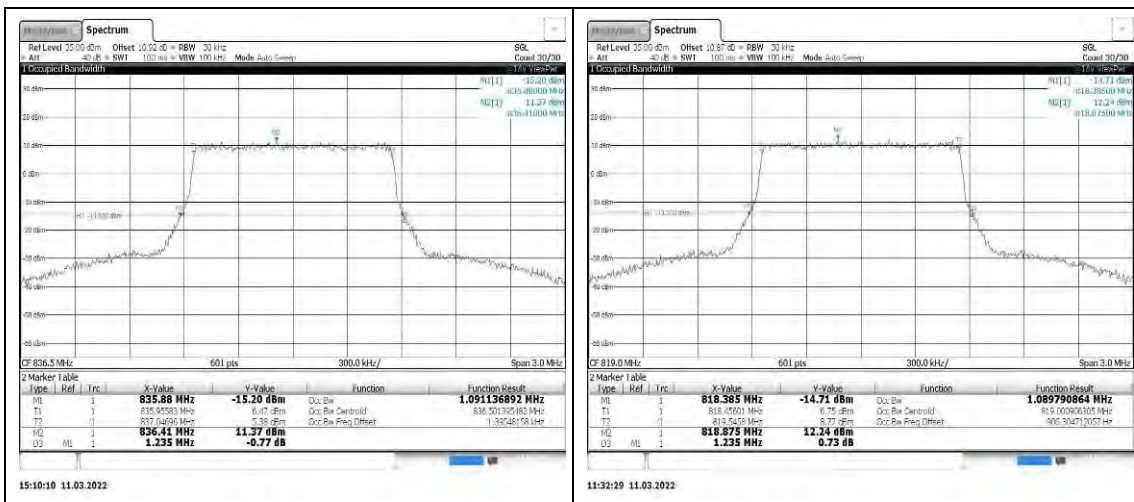


Band25-10MHz-16QAM-26365-50RB#0

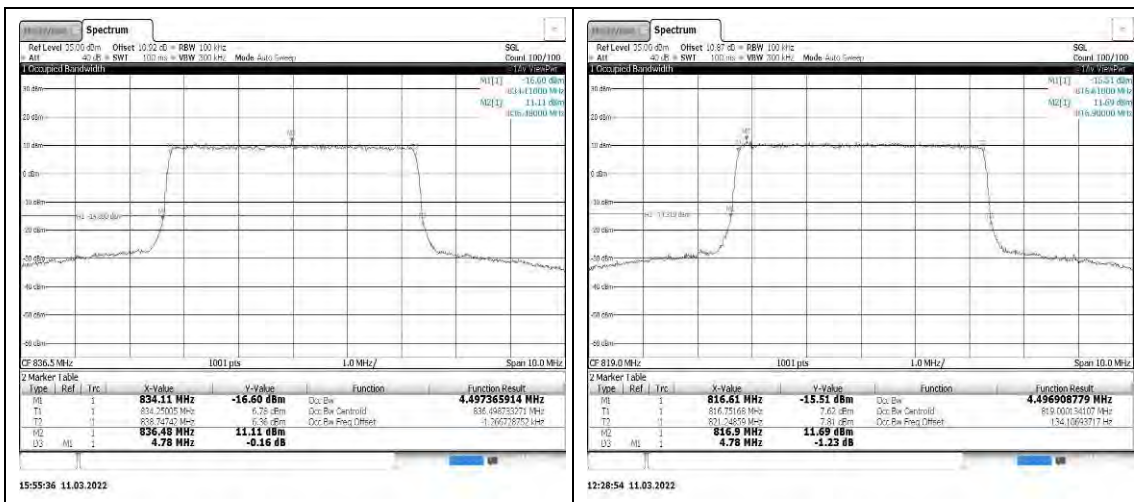
Band25-10MHz-QPSK-26365-50RB#0



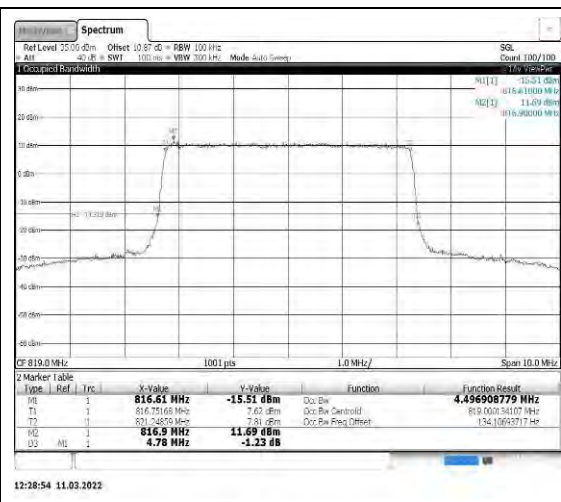
Band26-1.4MHz-QPSK-26915-6RB#0 **Band26-1.4MHz-QPSK-26740-6RB#0**



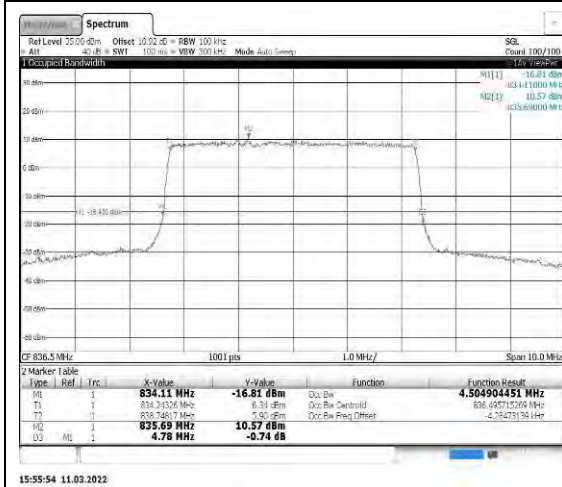
Band 26-3MHz-16QAM-26915-15RB#0 Band 26-3MHz-16QAM-26740-15RB#0



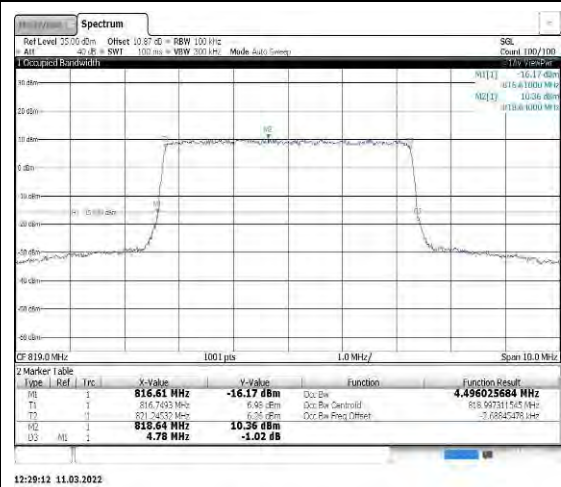
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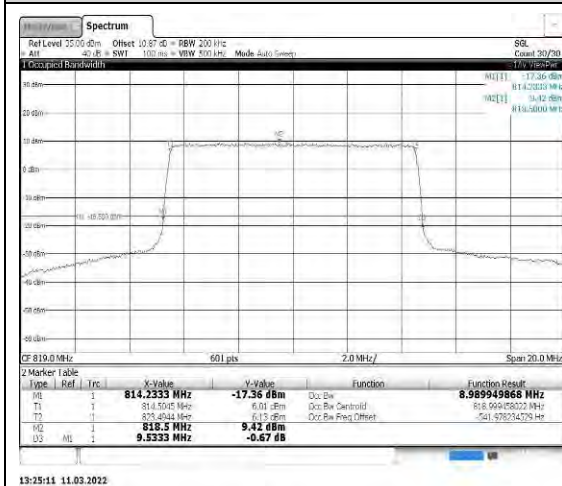
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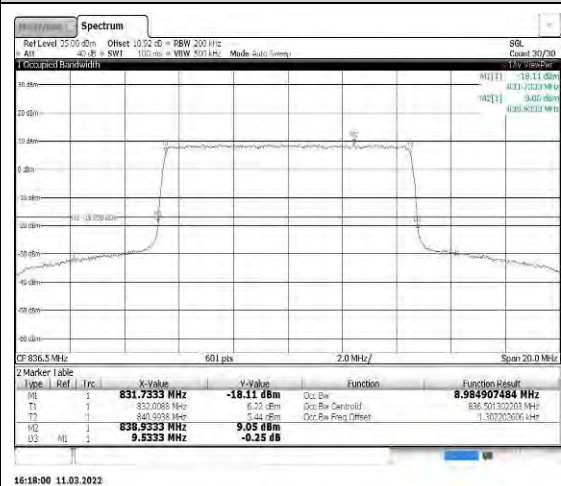
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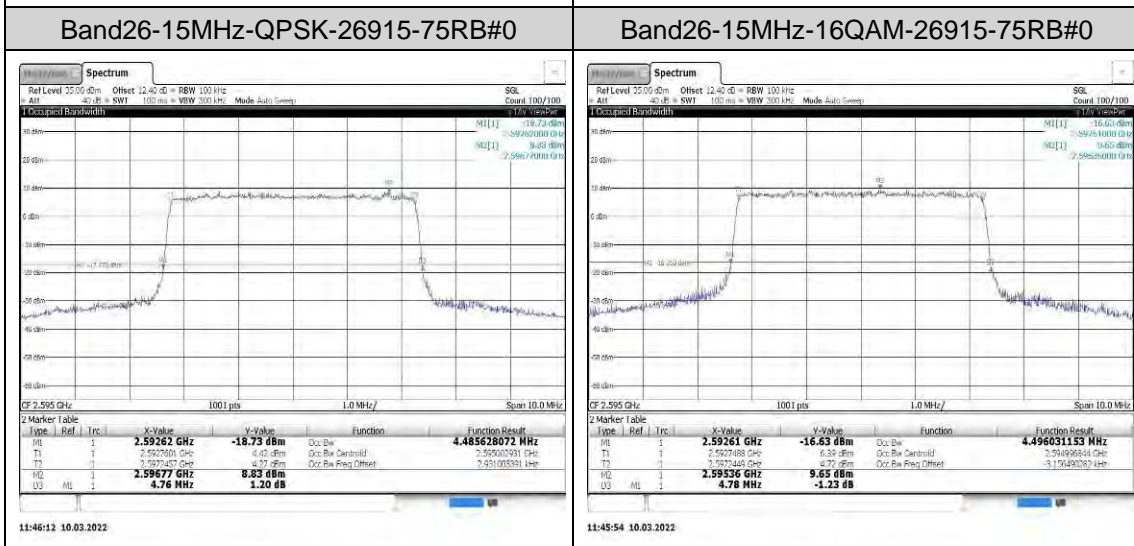
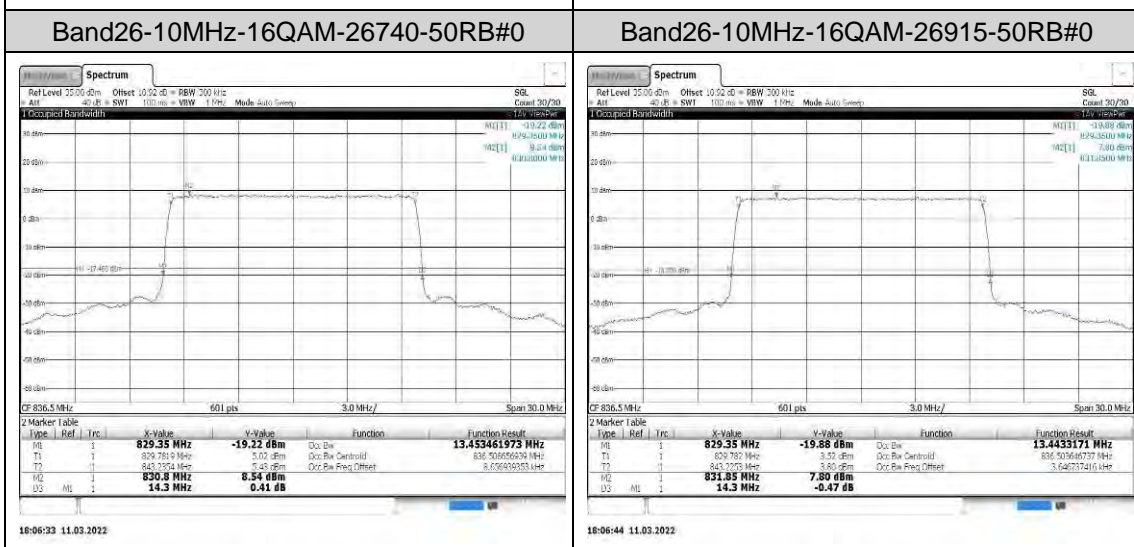
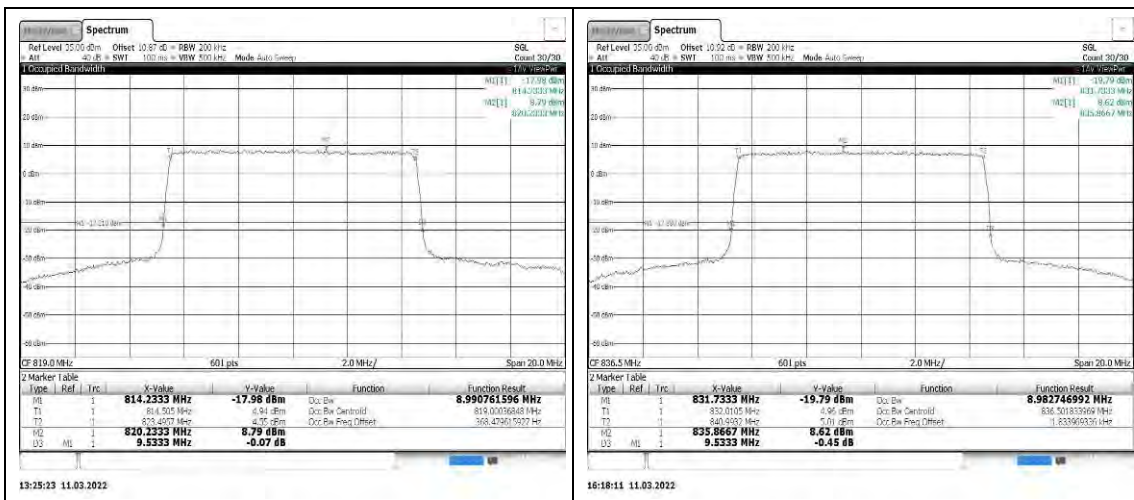
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Band26-10MHz-QPSK-26740-50RB#0



Band26-10MHz-QPSK-26915-50RB#0



Band38-5MHz-16QAM-38000-25RB#0 **Band38-5MHz-QPSK-38000-25RB#0**