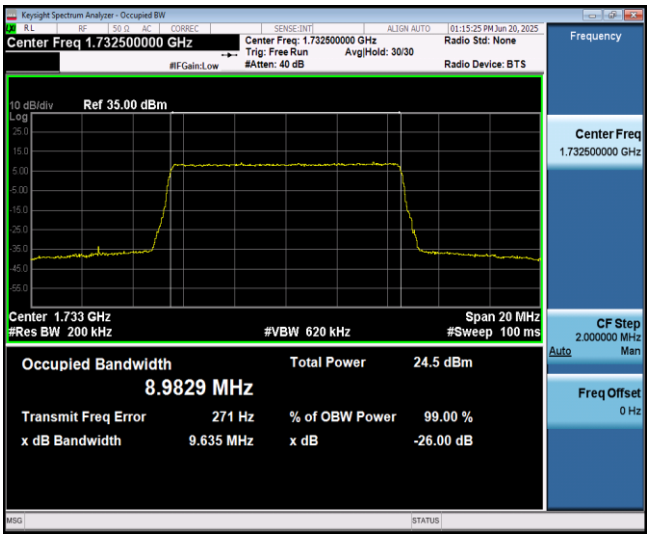
Band4-10MHz-16QAM-20000-50RB#0

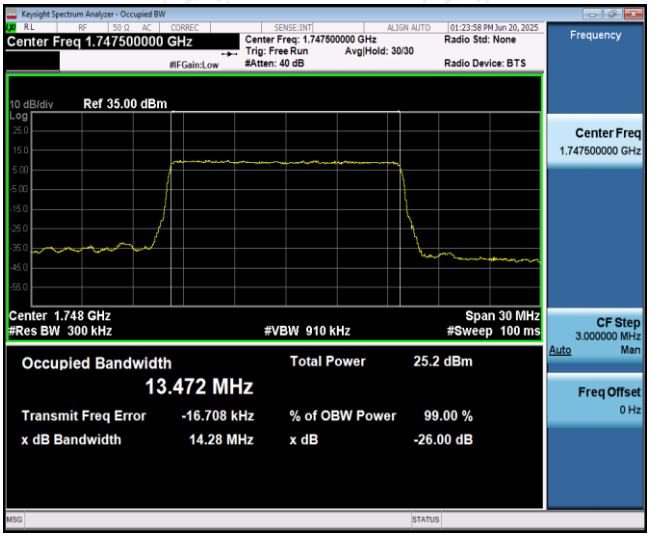


Band4-10MHz-16QAM-20175-50RB#0

Band4-10MHz-16QAM-20350-50RB#0

Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20175-75RB#0



Band4-15MHz-QPSK-20325-75RB#0

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Band4-15MHz-16QAM-20025-75RB#0

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

Band4-15MHz-16QAM-20325-75RB#0

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Band4-20MHz-QPSK-20050-100RB#0

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

Band4-20MHz-QPSK-20300-100RB#0

Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20175-100RB#0

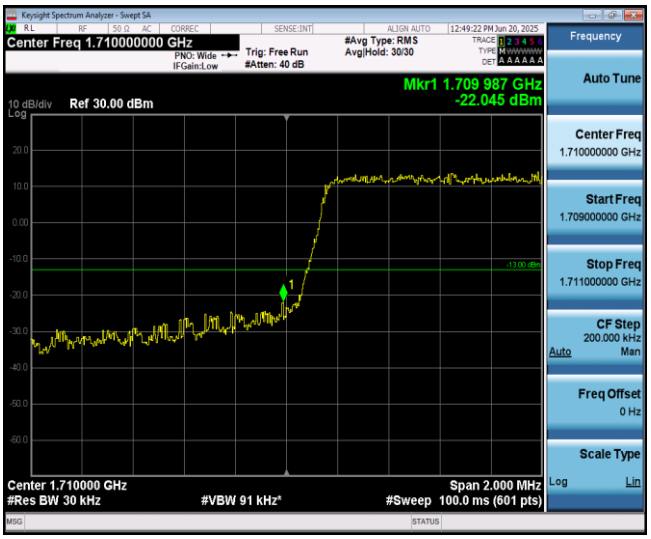
Band4-20MHz-16QAM-20300-100RB#0

Appendix D: Band Edge

Test Result

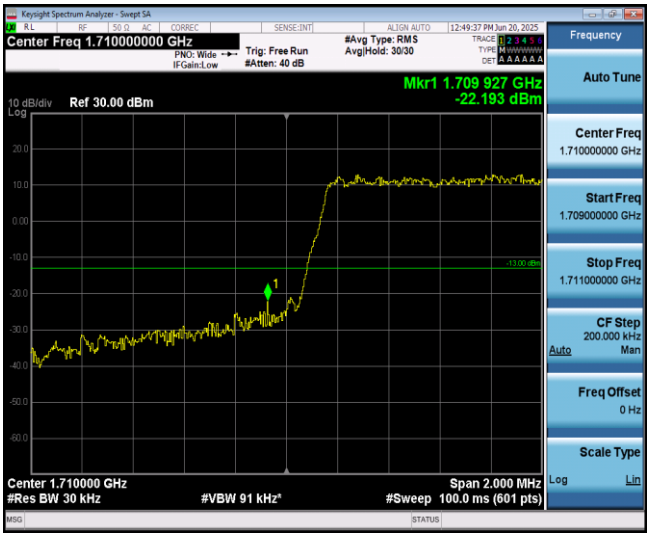
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-22.04	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-26.70	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-22.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.34	PASS
Band4	3MHz	QPSK	19965	15RB#0	-15.32	PASS
Band4	3MHz	QPSK	20385	15RB#0	-15.19	PASS
Band4	3MHz	16QAM	19965	15RB#0	-16.67	PASS
Band4	3MHz	16QAM	20385	15RB#0	-18.23	PASS
Band4	5MHz	QPSK	19975	25RB#0	-18.42	PASS
Band4	5MHz	QPSK	20375	25RB#0	-21.46	PASS
Band4	5MHz	16QAM	19975	25RB#0	-20.22	PASS
Band4	5MHz	16QAM	20375	25RB#0	-21.78	PASS
Band4	10MHz	QPSK	20000	50RB#0	-23.92	PASS
Band4	10MHz	QPSK	20350	50RB#0	-24.41	PASS
Band4	10MHz	16QAM	20000	50RB#0	-24.82	PASS
Band4	10MHz	16QAM	20350	50RB#0	-24.29	PASS
Band4	15MHz	QPSK	20025	75RB#0	-24.52	PASS
Band4	15MHz	QPSK	20325	75RB#0	-24.84	PASS
Band4	15MHz	16QAM	20025	75RB#0	-24.61	PASS
Band4	15MHz	16QAM	20325	75RB#0	-23.53	PASS
Band4	20MHz	QPSK	20050	100RB#0	-27.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	-27.32	PASS
Band4	20MHz	16QAM	20050	100RB#0	-27.11	PASS
Band4	20MHz	16QAM	20300	100RB#0	-28.18	PASS

Test Graphs

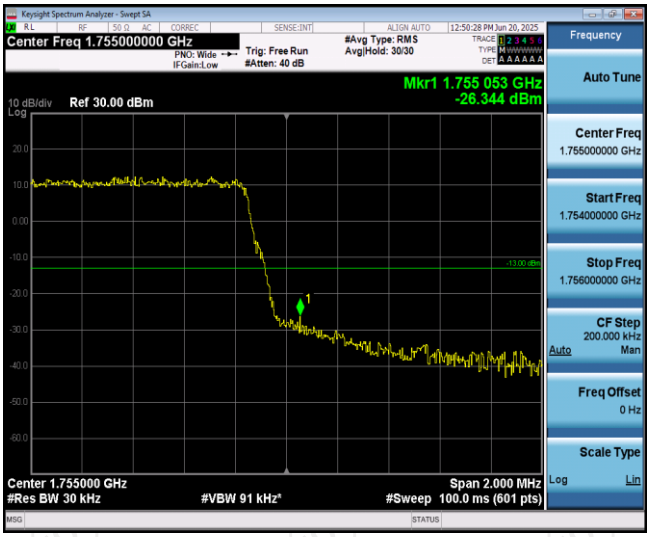


Band4-1.4MHz-QPSK-19957-6RB#0

Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-6RB#0

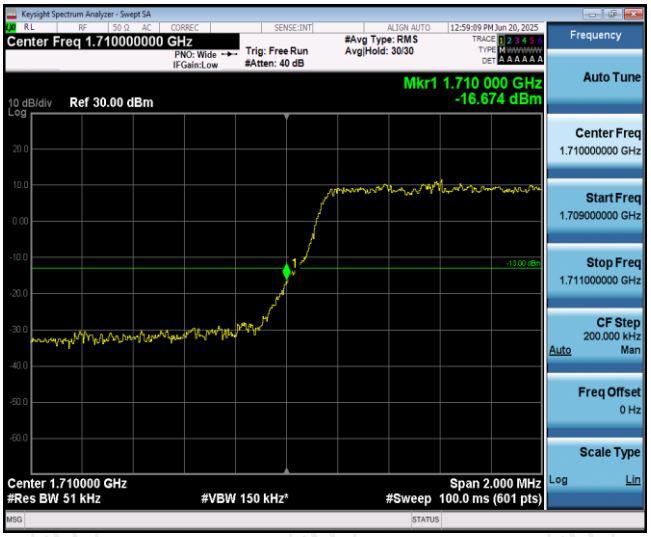


Band4-1.4MHz-16QAM-20393-6RB#0

Band4-3MHz-QPSK-19965-15RB#0

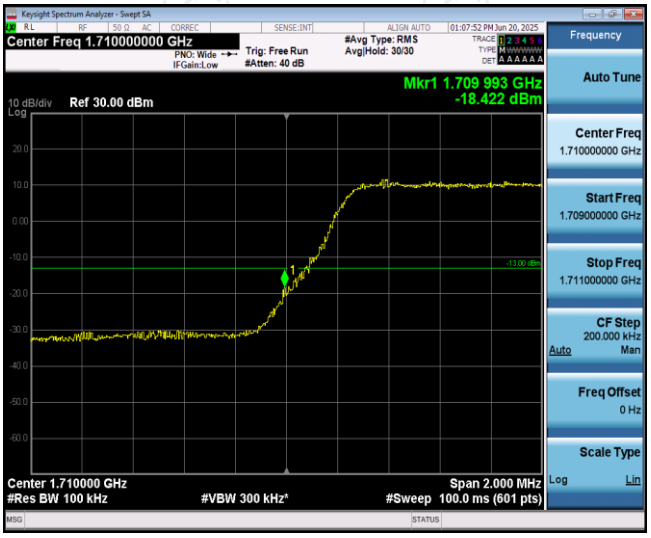
Band4-3MHz-QPSK-20385-15RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band4-3MHz-16QAM-19965-15RB#0

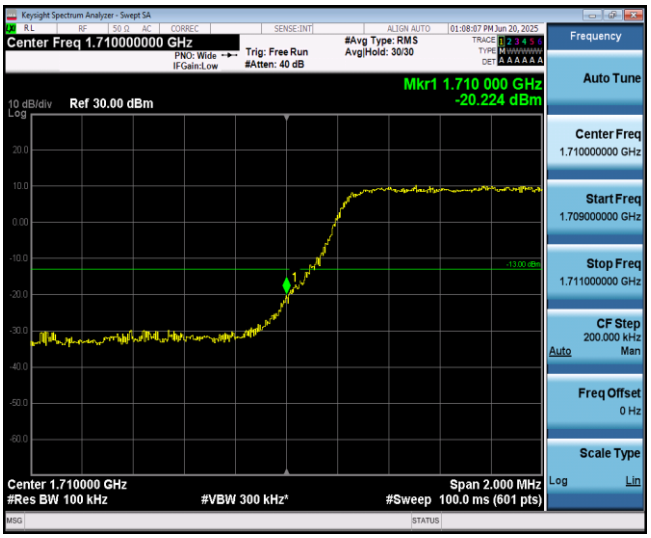
Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-25RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

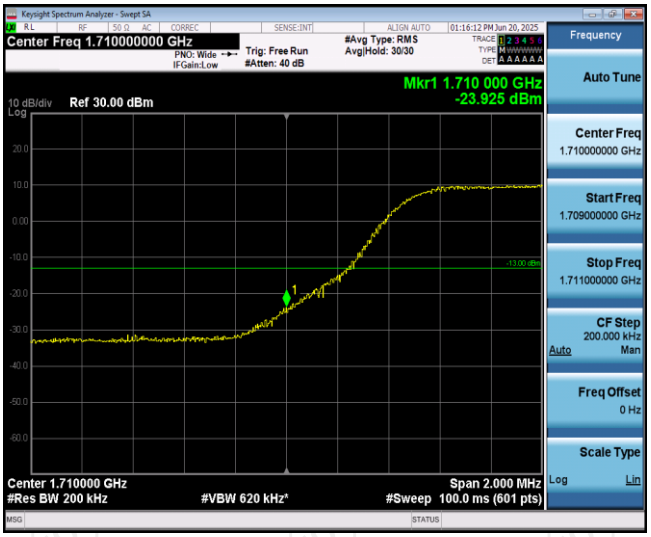
Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-25RB#0

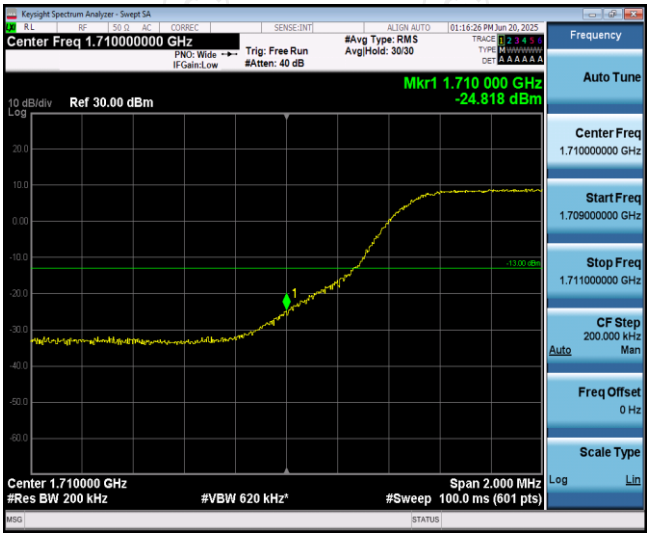
Band4-5MHz-16QAM-20375-25RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



Band4-10MHz-QPSK-20000-50RB#0

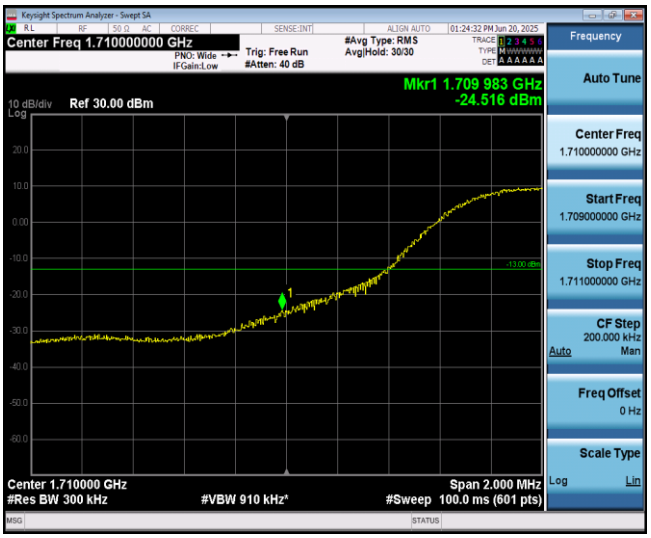
Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-50RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band4-10MHz-16QAM-20350-50RB#0

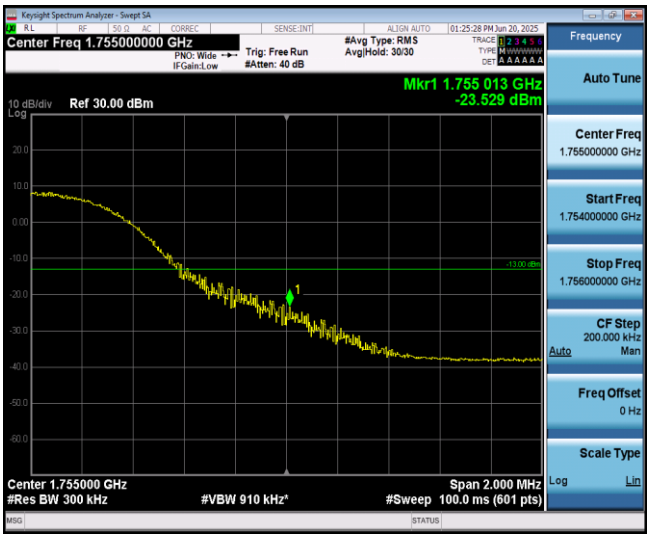


Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20325-75RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-75RB#0

Band4-20MHz-QPSK-20050-100RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band4-20MHz-QPSK-20300-100RB#0

Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20300-100RB#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band 4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-43.97	PASS
Band 4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~20000MHz	-21.54	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.09	PASS
Band 4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-22.34	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-44.97	PASS
Band 4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~20000MHz	-22.46	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-43.97	PASS
Band 4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~20000MHz	-21.38	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-44.44	PASS
Band 4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-21.01	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-44.46	PASS
Band 4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~20000MHz	-22.47	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-43.67	PASS
Band 4	3MHz	QPSK	19965	1RB#0	Range2:1000~20000MHz	-22.16	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.16	PASS
Band 4	3MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-21.7	PASS
Band 4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-44.68	PASS

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Band 4	3MHz	QPSK	20385	1RB#0	Range2:1000~20000MHz	-21.69	PASS
Band 4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-44.83	PASS
Band 4	3MHz	16QAM	19965	1RB#0	Range2:1000~20000MHz	-21.31	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-45.1	PASS
Band 4	3MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-22.16	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-43.24	PASS
Band 4	3MHz	16QAM	20385	1RB#0	Range2:1000~20000MHz	-21.65	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-44.5	PASS
Band 4	5MHz	QPSK	19975	1RB#0	Range2:1000~20000MHz	-21.54	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.27	PASS
Band 4	5MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-21.7	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-44.16	PASS
Band 4	5MHz	QPSK	20375	1RB#0	Range2:1000~20000MHz	-20.56	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-44.49	PASS
Band 4	5MHz	16QAM	19975	1RB#0	Range2:1000~20000MHz	-21.71	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-44.52	PASS
Band 4	5MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-20.64	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-42.76	PASS
Band 4	5MHz	16QAM	20375	1RB#0	Range2:1000~20000MHz	-22.2	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-44.74	PASS
Band 4	10MHz	QPSK	20000	1RB#0	Range2:1000~20000MHz	-21.67	PASS
Band	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.4	PAS

4						2	S
Band 4	10MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-21.52	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-43.8	PASS
Band 4	10MHz	QPSK	20350	1RB#0	Range2:1000~20000MHz	-21.05	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-43.79	PASS
Band 4	10MHz	16QAM	20000	1RB#0	Range2:1000~20000MHz	-21.87	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-43.47	PASS
Band 4	10MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-21.66	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-44.66	PASS
Band 4	10MHz	16QAM	20350	1RB#0	Range2:1000~20000MHz	-21.52	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-43.17	PASS
Band 4	15MHz	QPSK	20025	1RB#0	Range2:1000~20000MHz	-21.91	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-45.47	PASS
Band 4	15MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-21.73	PASS
Band 4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-45.01	PASS
Band 4	15MHz	QPSK	20325	1RB#0	Range2:1000~20000MHz	-21.55	PASS
Band 4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-44.99	PASS
Band 4	15MHz	16QAM	20025	1RB#0	Range2:1000~20000MHz	-21.78	PASS
Band 4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-44.96	PASS
Band 4	15MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-22.2	PASS
Band 4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-43.82	PASS
Band 4	15MHz	16QAM	20325	1RB#0	Range2:1000~20000MHz	-21.94	PASS

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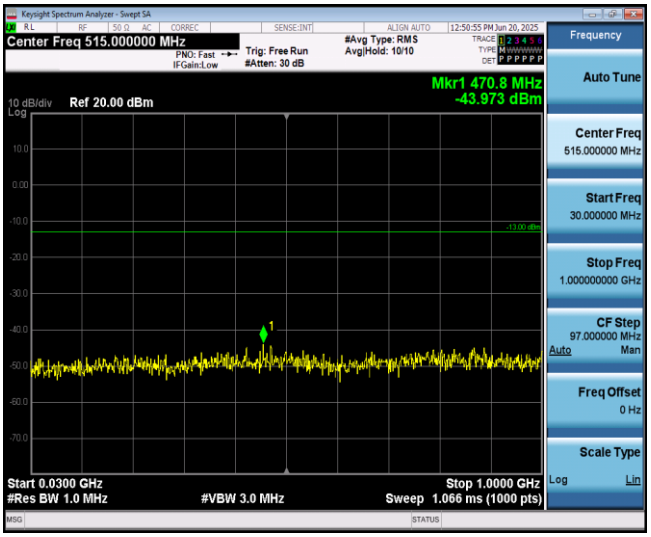
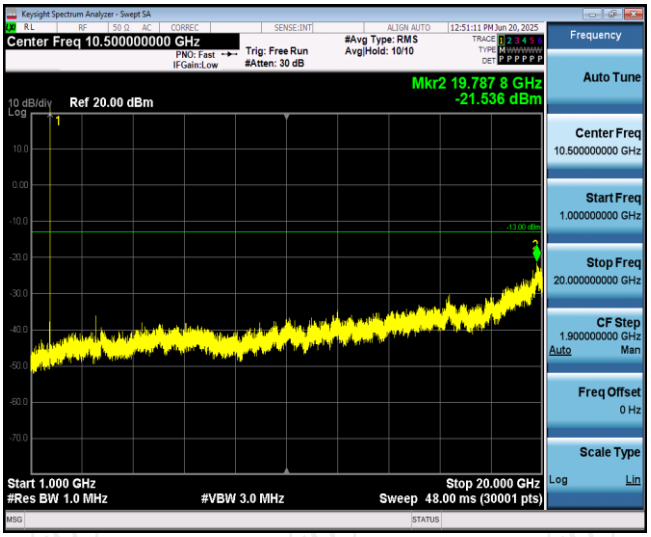
Band 4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-44.67	PASS
Band 4	20MHz	QPSK	20050	1RB#0	Range2:1000~20000MHz	-22.09	PASS
Band 4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-44.45	PASS
Band 4	20MHz	QPSK	20175	1RB#0	Range2:1000~20000MHz	-21.16	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-44.15	PASS
Band 4	20MHz	QPSK	20300	1RB#0	Range2:1000~20000MHz	-22.04	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-44.56	PASS
Band 4	20MHz	16QAM	20050	1RB#0	Range2:1000~20000MHz	-22.54	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-44.57	PASS
Band 4	20MHz	16QAM	20175	1RB#0	Range2:1000~20000MHz	-20.83	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-44.6	PASS
Band 4	20MHz	16QAM	20300	1RB#0	Range2:1000~20000MHz	-21.97	PASS

Test Graphs



Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



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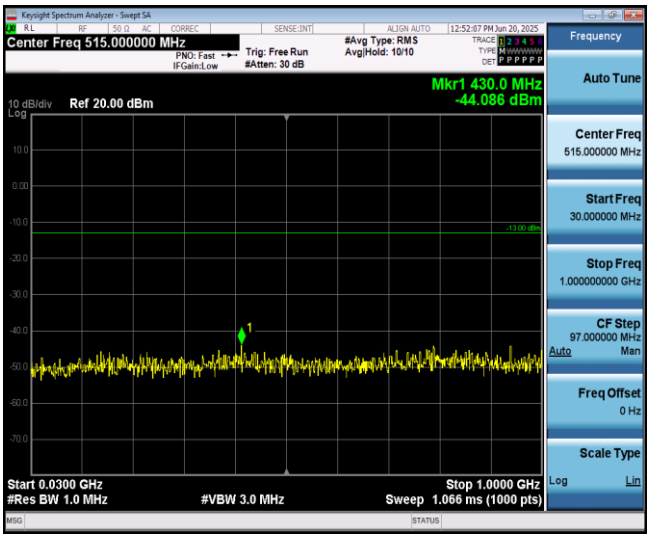
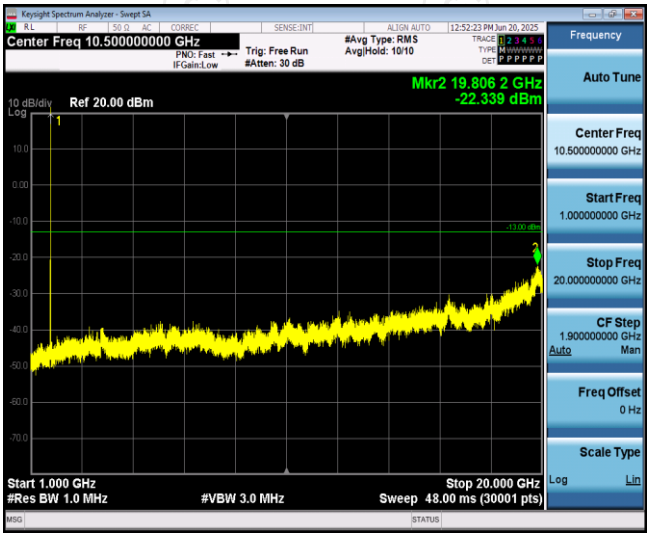
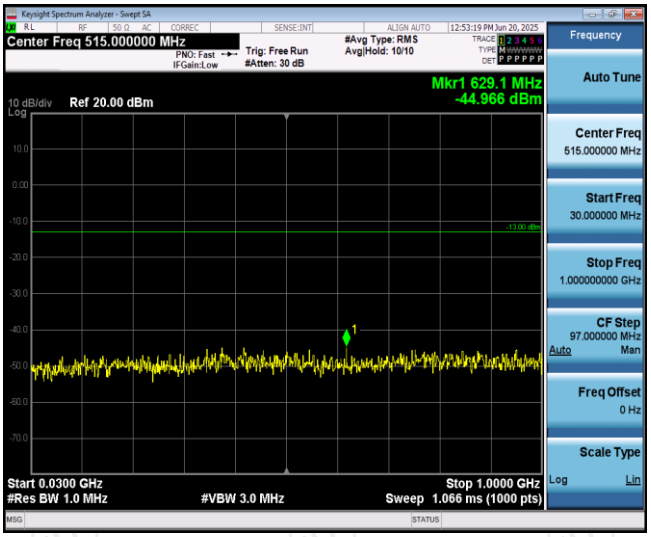


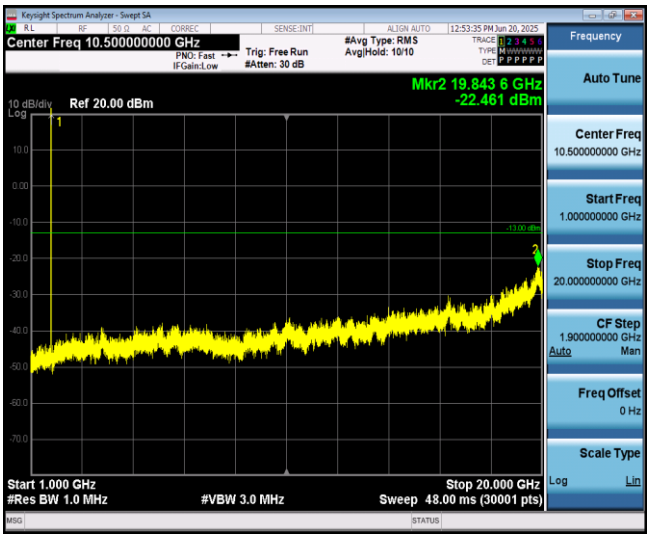
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



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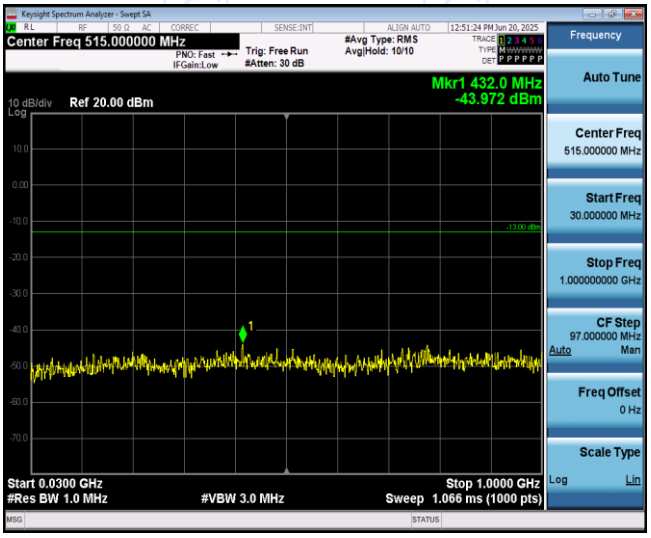

Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz

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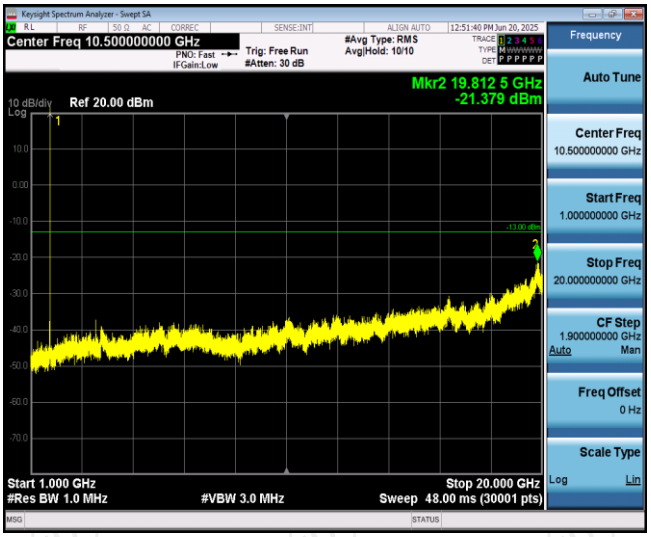

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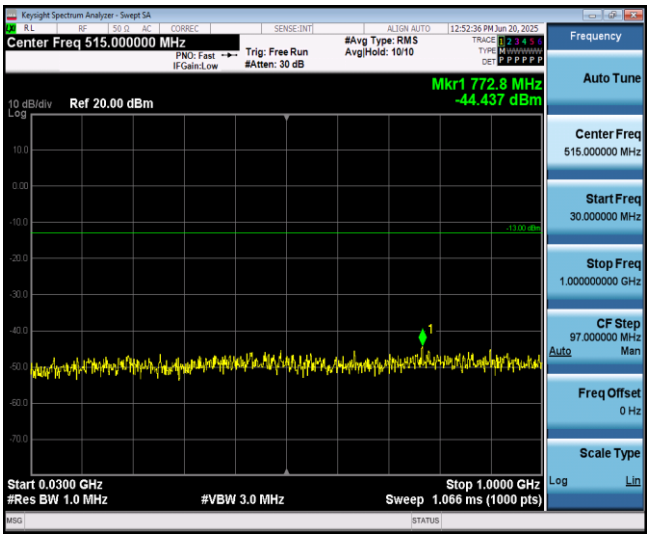
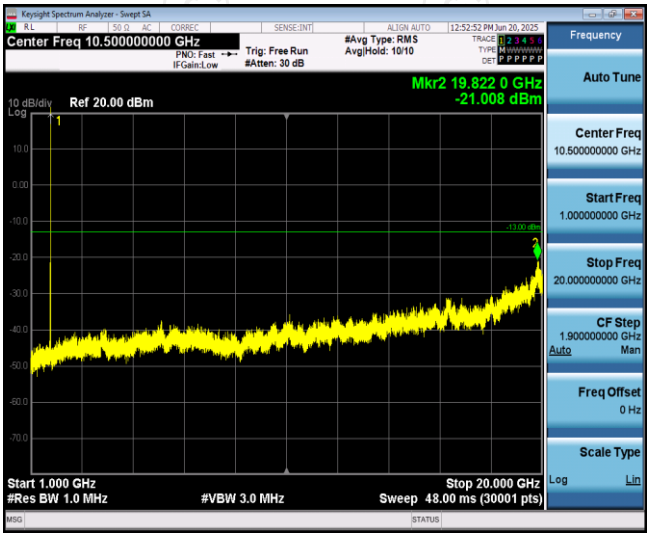


Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz