



BUREAU VERITAS

Test Report No.: W7L-P24050016RF06



Band2 3MHz QPSK 19185 1RB#0 1000~10000 1000~10000

Band2 3MHz QPSK 19185 1RB#0 10000~20000 10000~20000



Band2 3MHz QPSK 19185 1RB#14 30~1000 30~1000

Band2 3MHz QPSK 19185 1RB#14 1000~10000 1000~10000



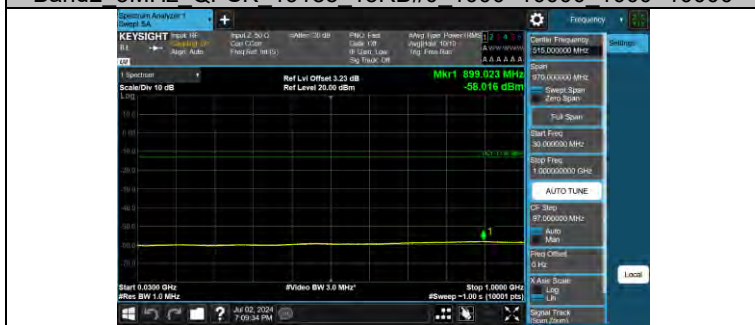
Band2 3MHz QPSK 19185 1RB#14 10000~20000 10000~20000

Band2 3MHz QPSK 19185 15RB#0 30~1000 30~1000



Band2 3MHz QPSK 19185 15RB#0 1000~10000 1000~10000

Band2 3MHz QPSK 19185 15RB#0 10000~20000 10000~20000



Band2 5MHz QPSK 18625 1RB#0 30~1000 30~1000

Band2 5MHz QPSK 18625 1RB#0 1000~10000 1000~10000

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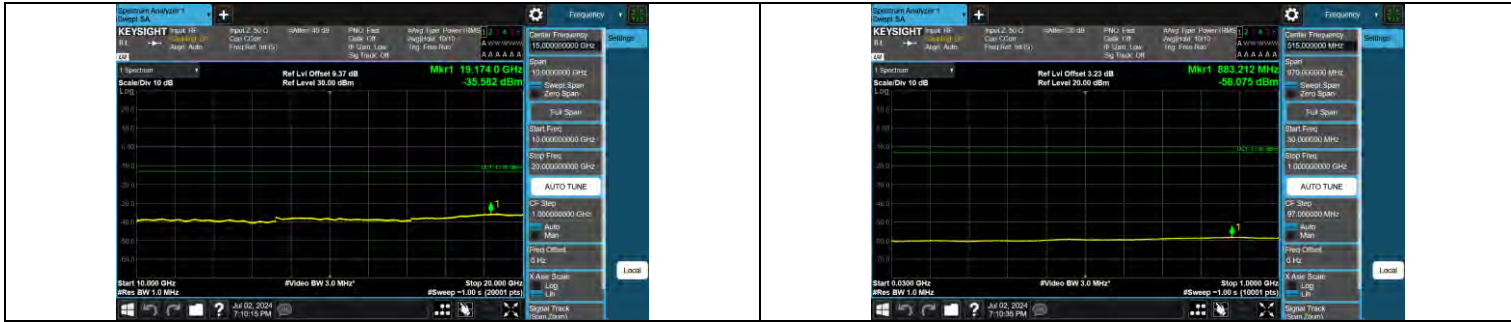
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Band2 5MHz QPSK 18625 1RB#0 1000~2000 1000~2000

Band2 5MHz QPSK 18625 1RB#24 30~1000 30~1000



Band2 5MHz QPSK 18625 1RB#24 1000~10000 1000~10000

Band2 5MHz QPSK 18625 1RB#24 10000~20000 10000~20000



Band2 5MHz QPSK 18625 25RB#0 30~1000 30~1000

Band2 5MHz QPSK 18625 25RB#0 1000~10000 1000~10000



Band2 5MHz QPSK 18625 25RB#0 10000~20000 10000~20000

Band2 5MHz QPSK 18900 1RB#0 30~1000 30~1000



Band2 5MHz QPSK 18900 1RB#0 1000~10000 1000~10000

Band2 5MHz QPSK 18900 1RB#0 10000~20000 10000~20000

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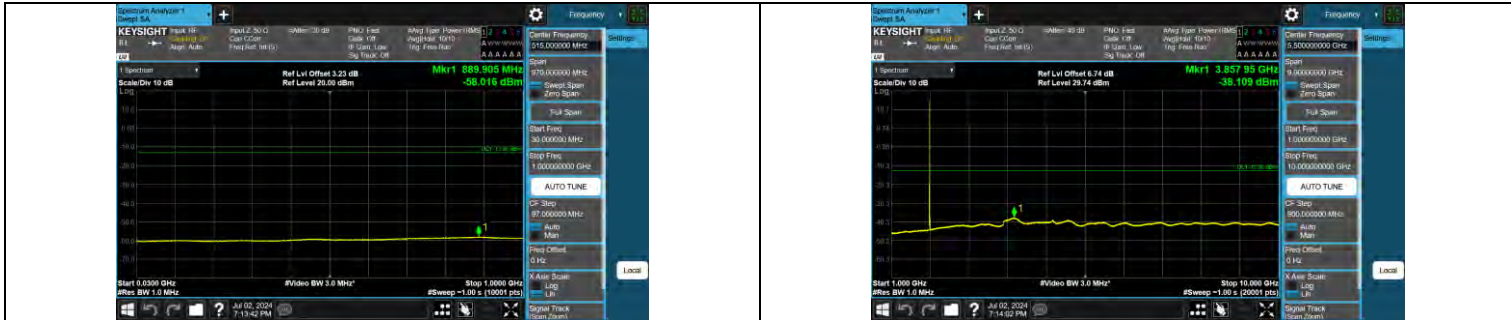
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Band2 5MHz QPSK 18900 1RB#24 30~1000 30~1000

Band2 5MHz QPSK 18900 1RB#24 1000~10000 1000~10000



Band2 5MHz QPSK 18900 1RB#24 10000~20000 10000~20000



Band2 5MHz QPSK 18900 25RB#0 30~1000 30~1000



Band2 5MHz QPSK 18900 25RB#0 1000~10000 1000~10000



Band2 5MHz QPSK 18900 25RB#0 10000~20000 10000~20000



Band2 5MHz QPSK 19175 1RB#0 30~1000 30~1000



Band2 5MHz QPSK 19175 1RB#0 1000~10000 1000~10000



Band2 5MHz QPSK 19175 1RB#0 10000~20000 10000~20000



Band2 5MHz QPSK 19175 1RB#24 30~1000 30~1000

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Band2 5MHz QPSK 19175 1RB#24 1000~10000 1000~10000

Band2 5MHz QPSK 19175 1RB#24 1000~10000 1000~20000



Band2 5MHz QPSK 19175 25RB#0 30~1000 30~1000

Band2 5MHz QPSK 19175 25RB#0 1000~10000 1000~10000



Band2 5MHz QPSK 19175 25RB#0 10000~20000 10000~20000

Band2 10MHz QPSK 18650 1RB#0 30~1000 30~1000



Band2 10MHz QPSK 18650 1RB#0 1000~10000 1000~10000

Band2 10MHz QPSK 18650 1RB#0 1000~20000 1000~20000



Band2 10MHz QPSK 18650 1RB#49 30~1000 30~1000

Band2 10MHz QPSK 18650 1RB#49 1000~10000 1000~10000

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Band2 10MHz QPSK 18650 1RB#49 10000~20000 10000~20000

Band2 10MHz QPSK 18650 50RB#0 30~1000 30~1000



Band2 10MHz QPSK 18650 50RB#0 1000~10000 1000~10000

Band2 10MHz QPSK 18650 50RB#0 10000~20000 10000~20000



Band2 10MHz QPSK 18900 1RB#0 30~1000 30~1000

Band2 10MHz QPSK 18900 1RB#0 1000~10000 1000~10000



Band2 10MHz QPSK 18900 1RB#0 10000~20000 10000~20000

Band2 10MHz QPSK 18900 1RB#49 30~1000 30~1000



Band2 10MHz QPSK 18900 1RB#49 1000~10000 1000~10000

Band2 10MHz QPSK 18900 1RB#49 10000~20000 10000~20000

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Band2 10MHz QPSK 18900 50RB#0 30~1000 30~1000



Band2 10MHz QPSK 18900 50RB#0 1000~10000 1000~10000



Band2 10MHz QPSK 18900 50RB#0 10000~20000 10000~20000



Band2 10MHz QPSK 19150 1RB#0 30~1000 30~1000



Band2 10MHz QPSK 19150 1RB#0 1000~10000 1000~10000



Band2 10MHz QPSK 19150 1RB#0 10000~20000 10000~20000



Band2 10MHz QPSK 19150 1RB#49 30~1000 30~1000



Band2 10MHz QPSK 19150 1RB#0 1000~10000 1000~10000



Band2 10MHz QPSK 19150 1RB#49 10000~20000 10000~20000



Band2 10MHz QPSK 19150 50RB#0 30~1000 30~1000

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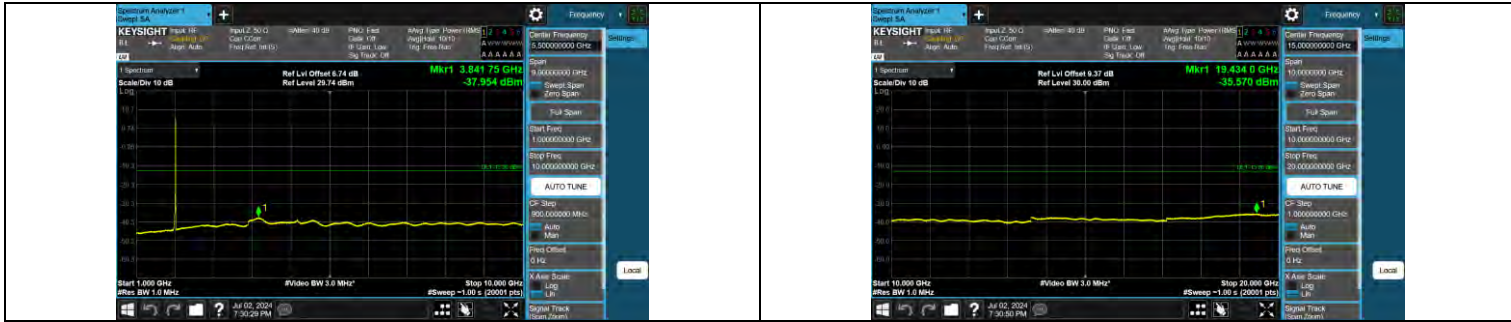
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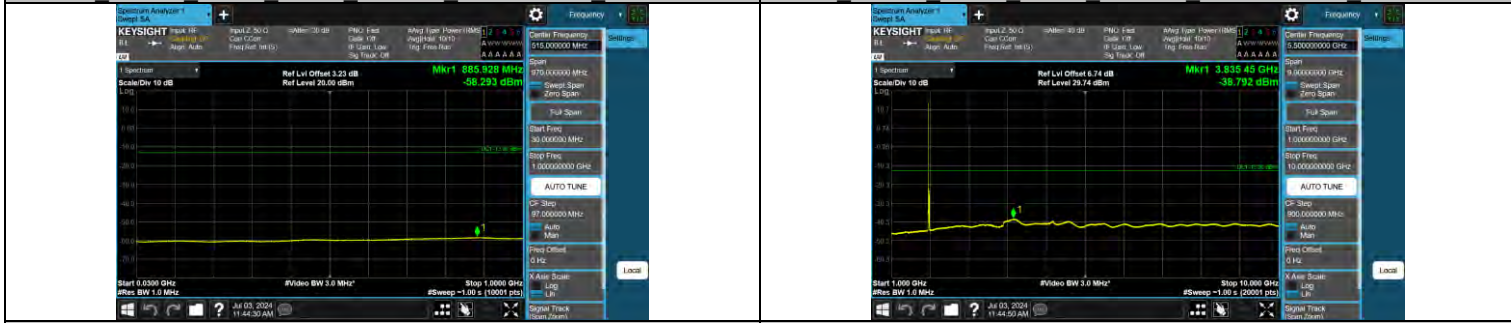
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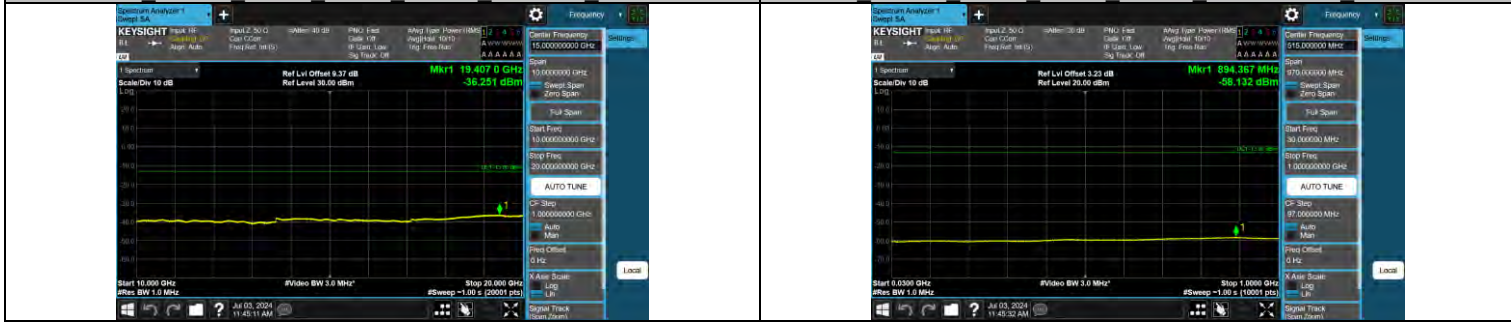
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Band2 10MHz QPSK 19150 50RB#0 10000~20000 10000~20000



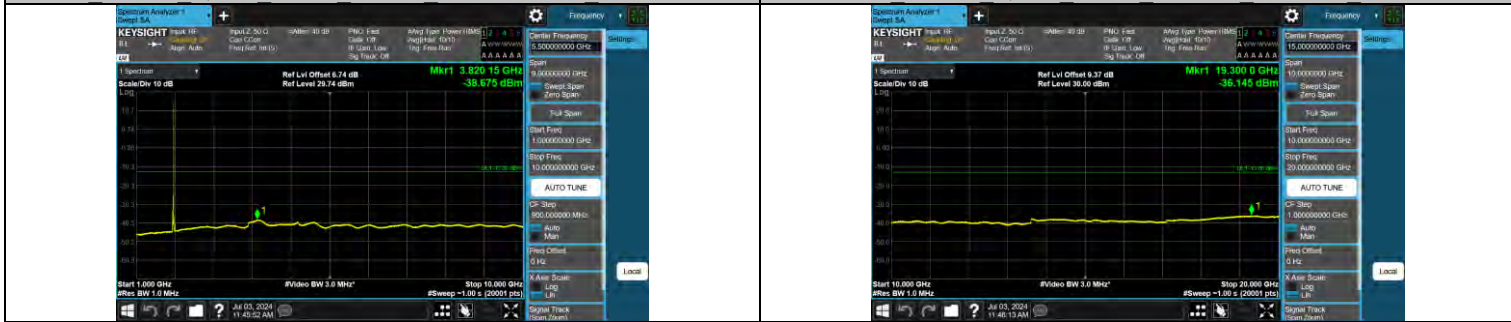
Band2 15MHz QPSK 18675 1RB#0 30~1000 30~1000

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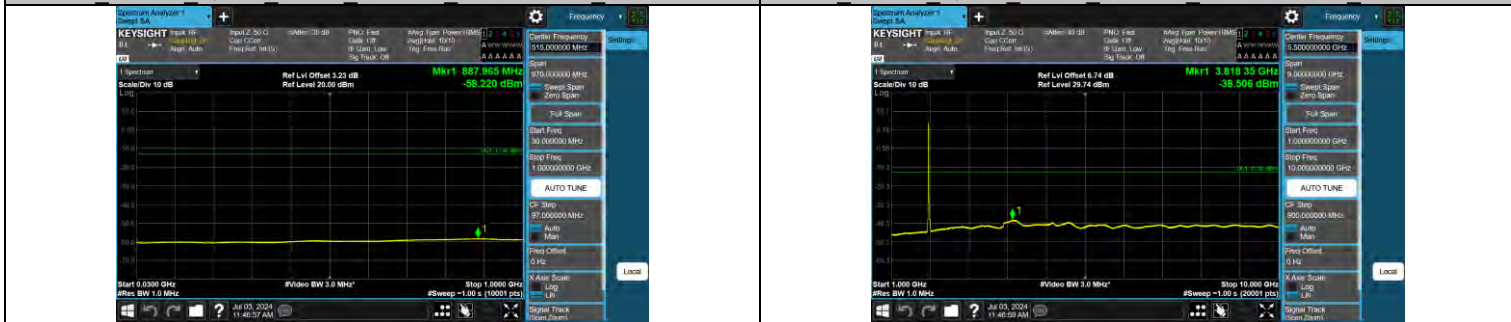
Band2 15MHz QPSK 18675 1RB#0 10000~20000 10000~20000

Band2 15MHz QPSK 18675 1RB#74 30~1000 30~1000



Band2 15MHz QPSK 18675 1RB#74 1000~10000 1000~10000

Band2 15MHz QPSK 18675 1RB#74 10000~20000 10000~20000



Band2 15MHz QPSK 18675 75RB#0 30~1000 30~1000

Band2 15MHz QPSK 18675 75RB#0 1000~10000 1000~10000

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Band2 15MHz QPSK 18675 75RB#0 10000~20000 10000~20000

Band2 15MHz QPSK 18900 1RB#0 30~1000 30~1000



Band2 15MHz QPSK 18900 1RB#0 1000~10000 1000~10000

Band2 15MHz QPSK 18900 1RB#0 10000~20000 10000~20000



Band2 15MHz QPSK 18900 1RB#74 30~1000 30~1000

Band2 15MHz QPSK 18900 1RB#74 1000~10000 1000~10000



Band2 15MHz QPSK 18900 1RB#74 10000~20000 10000~20000

Band2 15MHz QPSK 18900 75RB#0 30~1000 30~1000



Band2 15MHz QPSK 18900 75RB#0 1000~10000 1000~10000

Band2 15MHz QPSK 18900 75RB#0 10000~20000 10000~20000

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Band2 15MHz QPSK 19125 1RB#0 30~1000 30~1000



Band2 15MHz QPSK 19125 1RB#0 1000~10000 1000~10000



Band2 15MHz QPSK 19125 1RB#0 10000~20000 10000~20000



Band2 15MHz QPSK 19125 1RB#74 30~1000 30~1000



Band2 15MHz QPSK 19125 1RB#74 1000~10000 1000~10000



Band2 15MHz QPSK 19125 1RB#74 10000~20000 10000~20000



Band2 15MHz QPSK 19125 75RB#0 30~1000 30~1000



Band2 15MHz QPSK 19125 75RB#0 1000~10000 1000~10000



Band2 15MHz QPSK 19125 75RB#0 10000~20000 10000~20000



Band2 20MHz QPSK 18700 1RB#0 30~1000 30~1000

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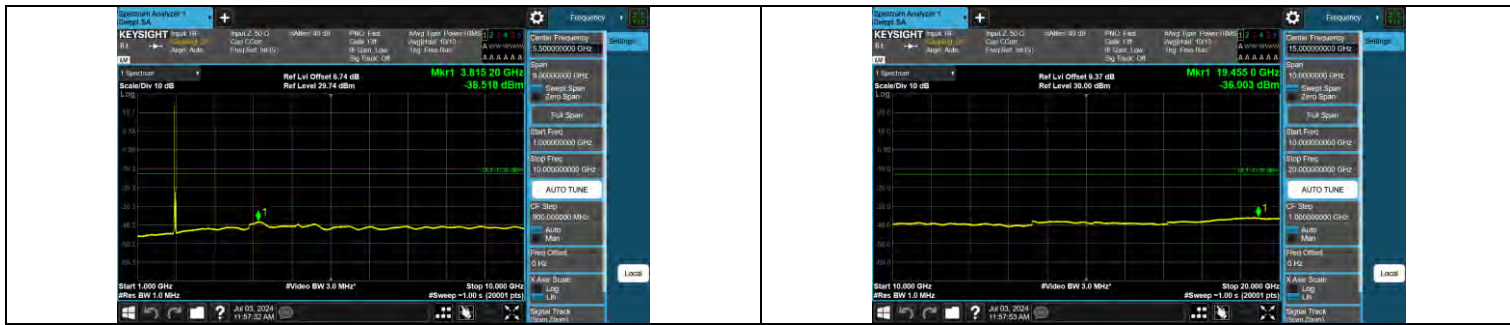
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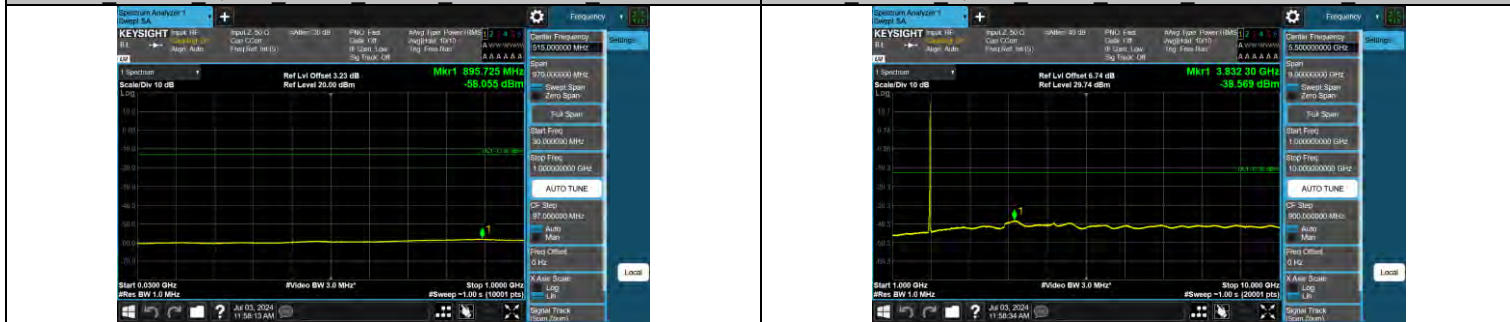


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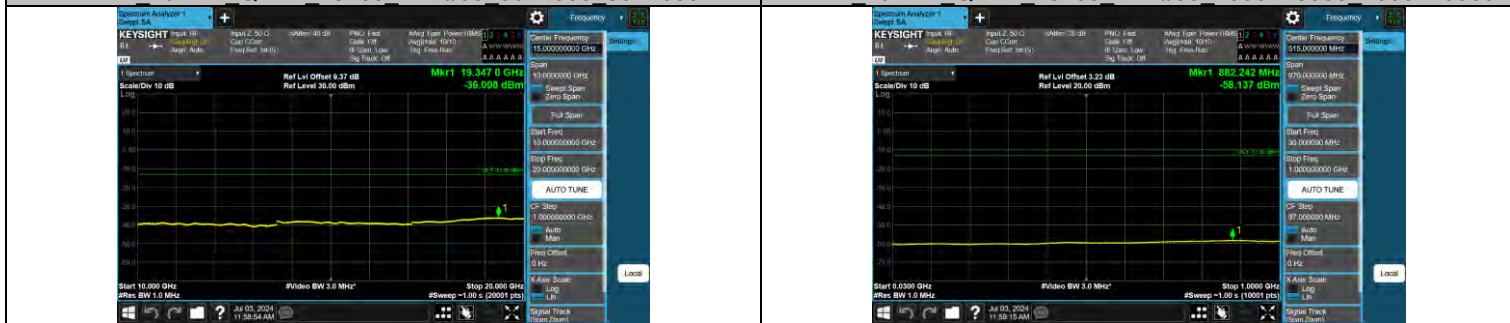
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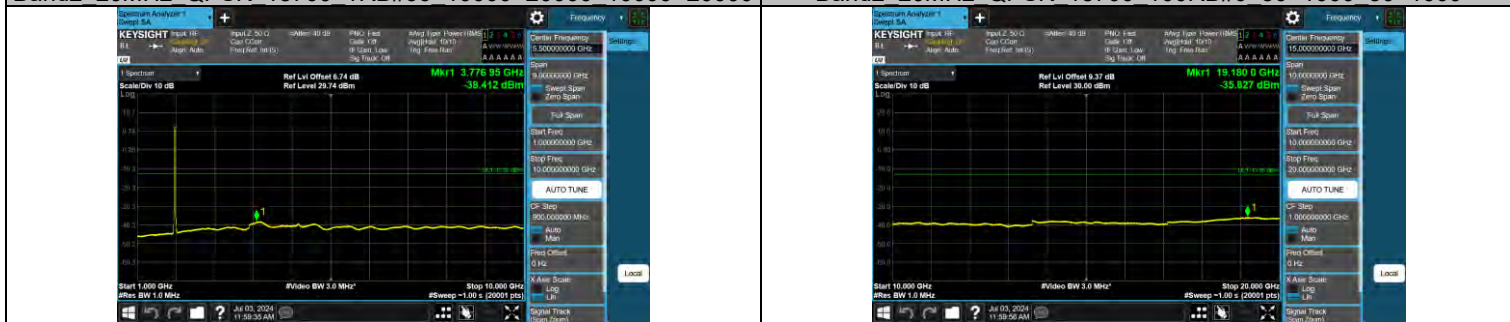
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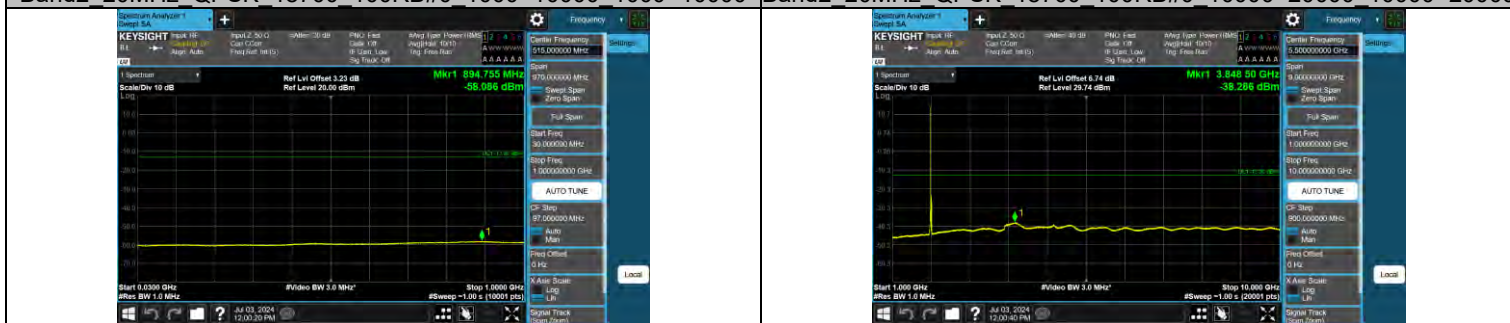
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Band2 20MHz QPSK 18700 100RB#0 10000~10000 10000~20000 | Band2 20MHz QPSK 18700 100RB#0 30~1000 30~1000



Band2 20MHz QPSK 18700 100RB#0 1000~10000 1000~10000 | Band2 20MHz QPSK 18700 100RB#0 10000~20000 10000~20000



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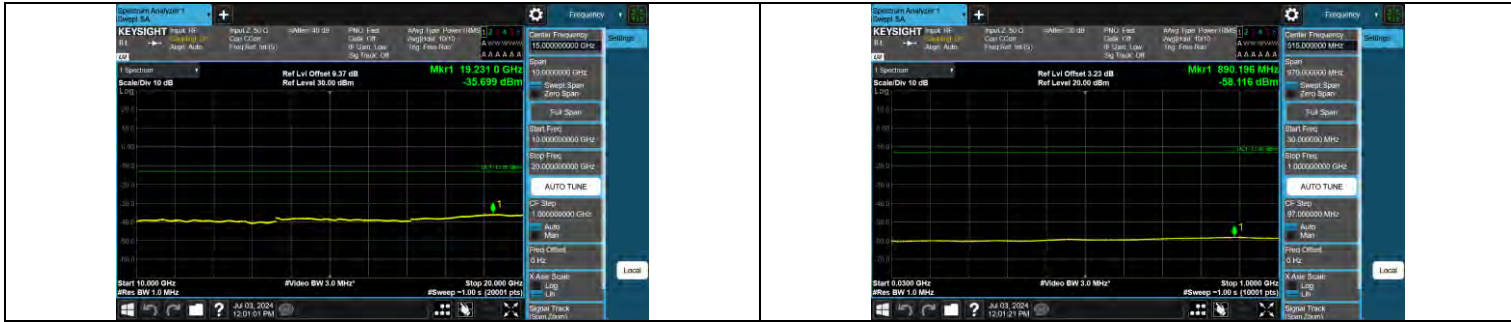
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Band2 20MHz QPSK 18900 1RB#0 10000~20000 10000~20000



Band2 20MHz QPSK 18900 1RB#99 30~1000 30~1000



Band2 20MHz QPSK 18900 1RB#99 1000~10000 1000~10000



Band2 20MHz QPSK 18900 1RB#99 10000~20000 10000~20000



Band2 20MHz QPSK 18900 100RB#0 30~1000 30~1000



Band2 20MHz QPSK 18900 100RB#0 1000~10000 1000~10000



Band2 20MHz QPSK 18900 100RB#0 10000~20000 10000~20000



Band2 20MHz QPSK 18900 100RB#0 1000~10000 1000~10000



Band2 20MHz QPSK 19100 1RB#0 1000~10000 1000~10000



Band2 20MHz QPSK 19100 1RB#0 1000~20000 1000~20000

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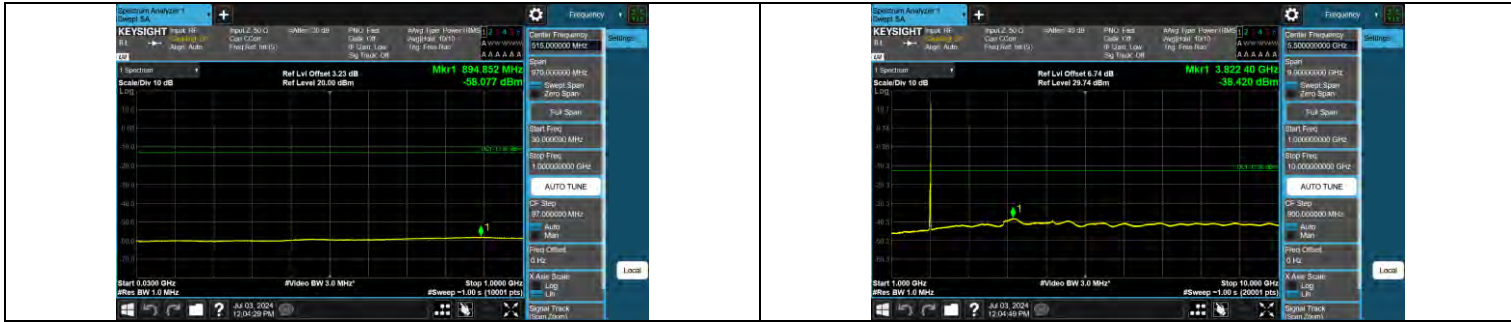
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Band2 20MHz QPSK 19100 1RB#99 30~1000 30~1000

Band2 20MHz QPSK 19100 1RB#99 1000~10000 1000~10000



Band2 20MHz QPSK 19100 1RB#99 10000~20000 10000~20000

Band2 20MHz QPSK 19100 100RB#0 30~1000 30~1000



Band2 20MHz QPSK 19100 100RB#0 1000~10000 1000~10000

Band2 20MHz QPSK 19100 100RB#0 10000~20000 10000~20000

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FREQUENCY STABILITY

Test Result

Voltage												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band2	10MHz	QPSK	18650	50RB #0	VN	NT	2780.00	1.498652	1850.53118	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	VL	NT	4340.00	2.339623	1850.53054	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	VH	NT	-1087.70	-0.577031	1850.54262	---	1850-1910	PASS
Band2	10MHz	QPSK	19150	50RB #0	VN	NT	946.15	0.496668	---	1909.45603	1850-1910	PASS
Band2	10MHz	QPSK	19150	50RB #0	VL	NT	-962.03	-0.505001	---	1909.46189	1850-1910	PASS
Band2	10MHz	QPSK	19150	50RB #0	VH	NT	-1040.71	-0.546304	---	1909.46123	1850-1910	PASS

Temperature												
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	FL (MHz)	FH (MHz)	Limit (MHz)	Verdict
Band2	10MHz	QPSK	18650	50RB #0	NV	-30	3280.00	1.768194	1850.53098	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	-20	2070.00	1.115903	1850.53437	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	-10	3700.00	1.994609	1850.53315	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	0	480.00	0.258760	1850.52743	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	10	2210.00	1.191375	1850.52781	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	20	4110.00	2.215633	1850.52941	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	30	-1403.74	-0.744687	1850.53471	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	40	-660.00	-0.355795	1850.52329	---	1850-1910	PASS
Band2	10MHz	QPSK	18650	50RB #0	NV	50	-1354.12	-0.718363	1850.53294	---	1850-1910	PASS
Band2	10MHz	QPSK	19150	50RB #0	NV	-30	906.54	0.475873	---	1909.45549	1850-1910	PASS
Band2	10MHz	QPSK	19150	50RB #0	NV	-20	-979.86	-0.514363	---	1909.46325	1850-1910	PASS
Band2	10MHz	QPSK	19150	50RB #0	NV	-10	-1261.03	-0.661960	---	1909.46013	1850-1910	PASS



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Band2	10MH z	QPSK	19150	50RB #0	NV	0	1041. 61	0.546 776	---	1909. 45878	1850- 1910	PASS
Band2	10MH z	QPSK	19150	50RB #0	NV	10	1005. 94	0.528 054	---	1909. 46096	1850- 1910	PASS
Band2	10MH z	QPSK	19150	50RB #0	NV	20	-340.2 5	-0.178 606	---	1909. 45596	1850- 1910	PASS
Band2	10MH z	QPSK	19150	50RB #0	NV	30	-537.7 7	-0.282 295	---	1909. 46335	1850- 1910	PASS
Band2	10MH z	QPSK	19150	50RB #0	NV	40	500.3 5	0.262 649	---	1909. 45522	1850- 1910	PASS
Band2	10MH z	QPSK	19150	50RB #0	NV	50	469.7 6	0.246 596	---	1909. 45936	1850- 1910	PASS

---END---