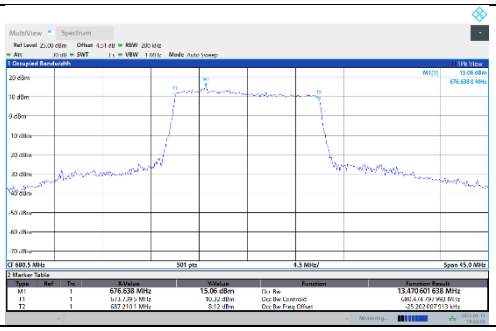
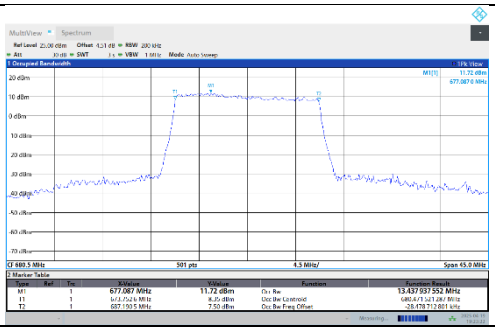
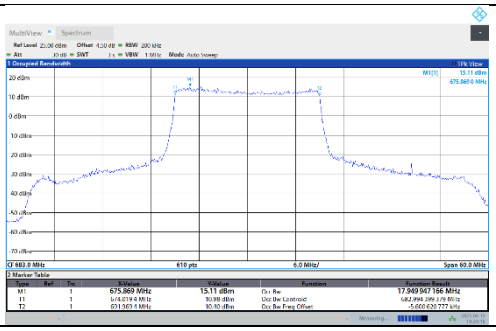
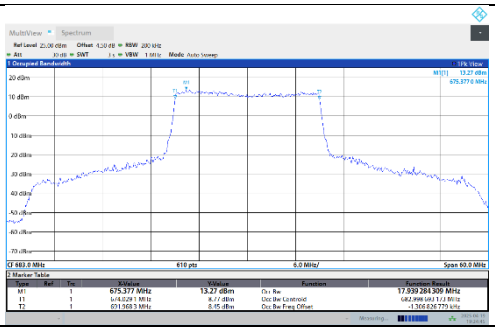
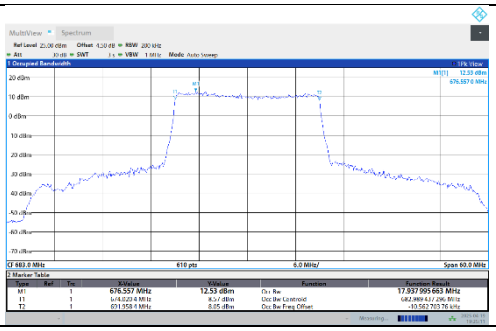
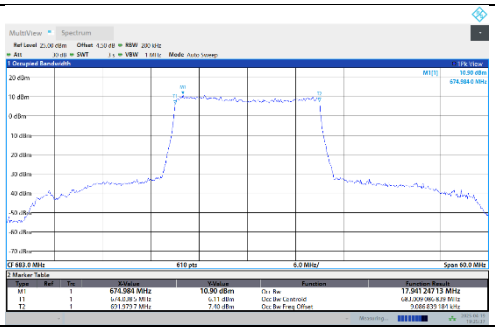
Band 71-15M-MID-100% RB	Band 71-15M-MID-100% RB
	
Band 71-20M-MID-100% RB	**Band 71-20M-MID-100% RB**
	
Band 71-20M-MID-100% RB	**Band 71-20M-MID-100% RB**
	

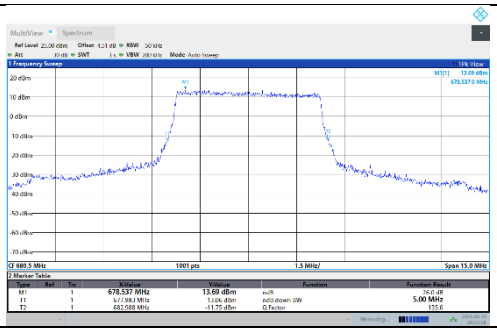
26dB Bandwidth

TEST RESULT

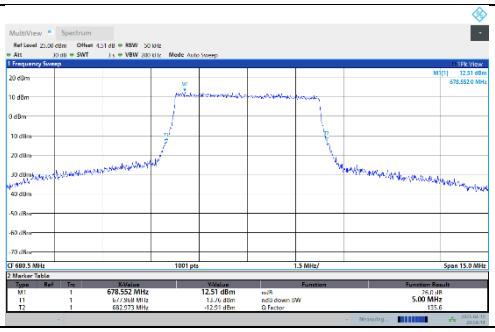
Bandwidth	Modulation	Frequency (MHz)	RB Configuration	26dB Bandwidth(MHz)	Verdict
5MHz	QPSK	680.5	100% RB	5.005	PASS
5MHz	16QAM	680.5	100% RB	5.005	PASS
5MHz	64QAM	680.5	100% RB	5.05	PASS
5MHz	256QAM	680.5	100% RB	5.065	PASS
10MHz	QPSK	680.5	100% RB	9.77	PASS
10MHz	16QAM	680.5	100% RB	9.83	PASS
10MHz	64QAM	680.5	100% RB	9.74	PASS
10MHz	256QAM	680.5	100% RB	9.77	PASS
15MHz	QPSK	680.5	100% RB	14.7	PASS
15MHz	16QAM	680.5	100% RB	14.655	PASS
15MHz	64QAM	680.5	100% RB	14.655	PASS
15MHz	256QAM	680.5	100% RB	14.7	PASS
20MHz	QPSK	683	100% RB	19.421	PASS
20MHz	16QAM	683	100% RB	19.421	PASS
20MHz	64QAM	683	100% RB	19.361	PASS
20MHz	256QAM	683	100% RB	19.301	PASS

Test Graphs

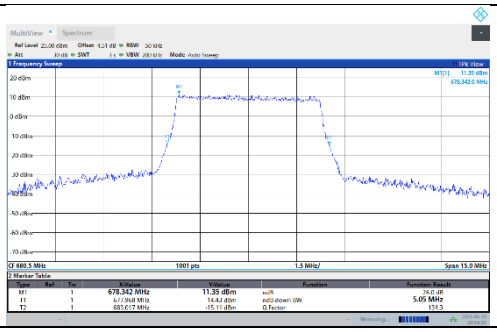
Band 71-5M-MID-100% RB



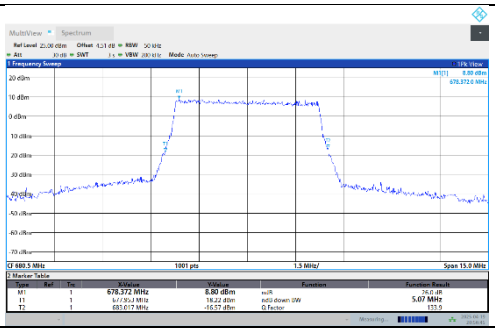
Band 71-5M-MID-100% RB



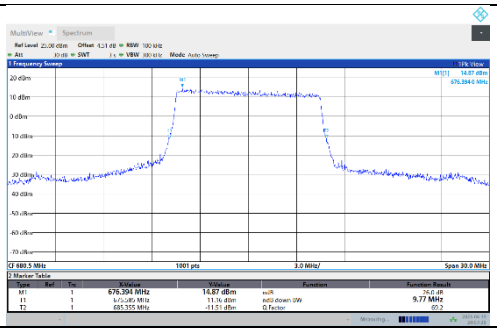
Band 71-5M-MID-100% RB



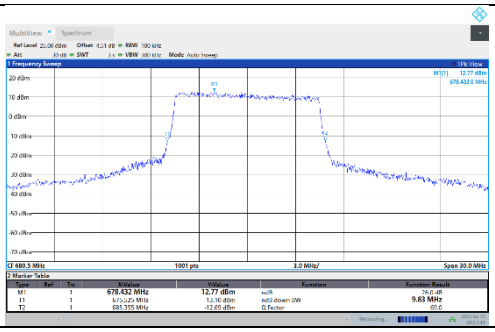
Band 71-5M-MID-100% RB



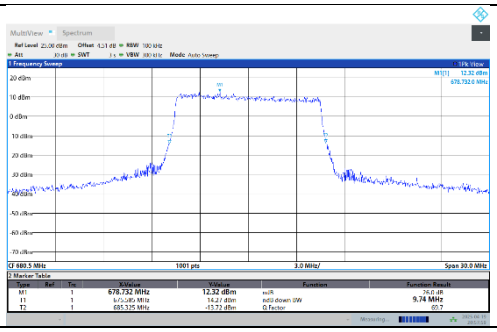
Band 71-10M-MID-100% RB



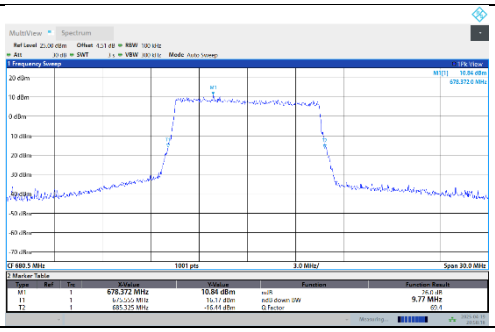
Band 71-10M-MID-100% RB



Band 71-10M-MID-100% RB

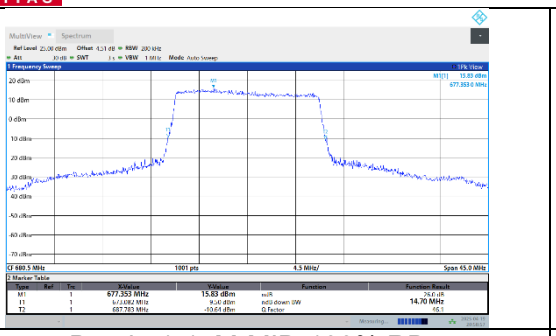


Band 71-10M-MID-100% RB

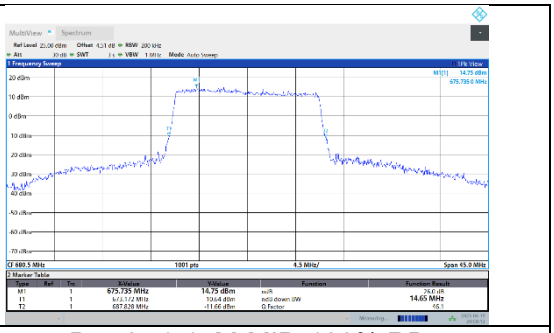


Band 71-15M-MID-100% RB

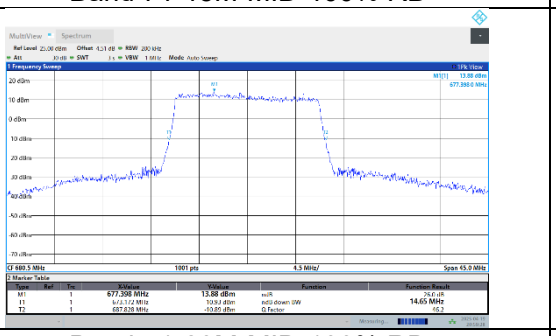
Band 71-15M-MID-100% RB



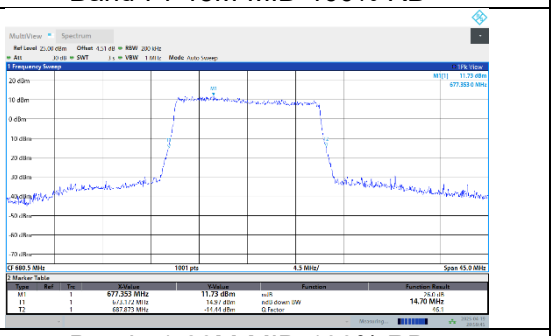
Band 71-15M-MID-100% RB



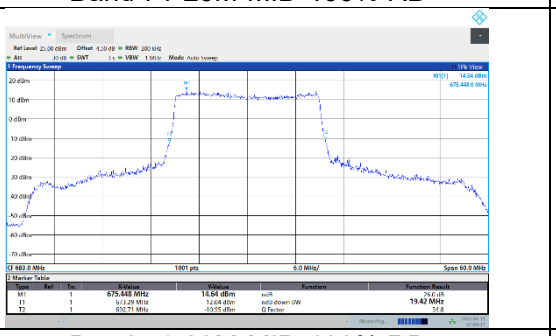
Band 71-15M-MID-100% RB



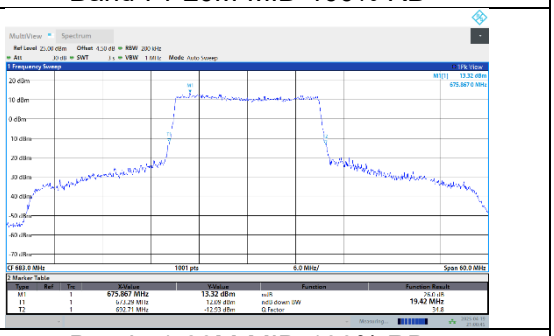
Band 71-20M-MID-100% RB



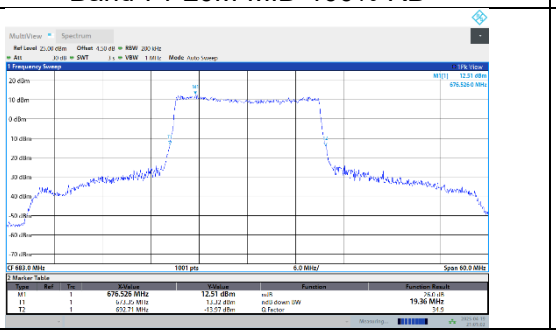
Band 71-20M-MID-100% RB

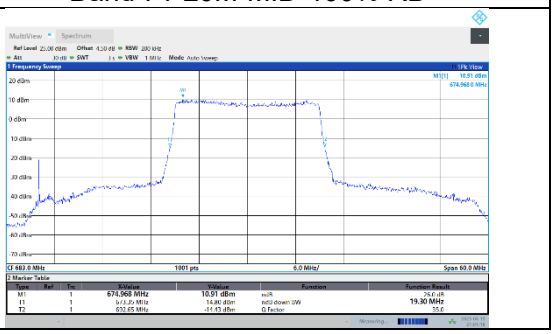


Band 71-20M-MID-100% RB



Band 71-20M-MID-100% RB





BAND EDGE

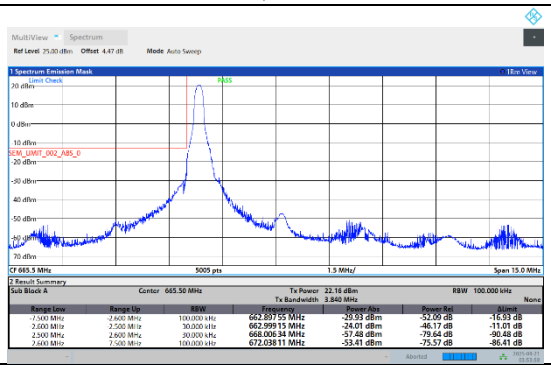
Test Result

Band	Bandwidth	Modulation	Frequency (MHz)	RB Configuration	Result(dBm)	Verdict
Band71	5MHz	QPSK	665.5	1RB#0	See Graph	PASS
Band71	5MHz	QPSK	665.5	25RB#0	See Graph	PASS
Band71	5MHz	QPSK	695.5	1RB#24	See Graph	PASS
Band71	5MHz	QPSK	695.5	25RB#0	See Graph	PASS
Band71	5MHz	16QAM	665.5	1RB#0	See Graph	PASS
Band71	5MHz	16QAM	665.5	25RB#0	See Graph	PASS
Band71	5MHz	16QAM	695.5	1RB#24	See Graph	PASS
Band71	5MHz	16QAM	695.5	25RB#0	See Graph	PASS
Band71	5MHz	64QAM	665.5	1RB#0	See Graph	PASS
Band71	5MHz	64QAM	665.5	25RB#0	See Graph	PASS
Band71	5MHz	64QAM	695.5	1RB#24	See Graph	PASS
Band71	5MHz	64QAM	695.5	25RB#0	See Graph	PASS
Band71	20MHz	256QAM	665.5	1RB#0	See Graph	PASS
Band71	20MHz	256QAM	665.5	25RB#0	See Graph	PASS
Band71	20MHz	256QAM	695.5	1RB#24	See Graph	PASS
Band71	20MHz	256QAM	695.5	25RB#0	See Graph	PASS
Band71	10MHz	QPSK	668	1RB#0	See Graph	PASS
Band71	10MHz	QPSK	668	50RB#0	See Graph	PASS
Band71	10MHz	QPSK	693	1RB#49	See Graph	PASS
Band71	10MHz	QPSK	693	50RB#0	See Graph	PASS
Band71	10MHz	16QAM	668	1RB#0	See Graph	PASS
Band71	10MHz	16QAM	668	50RB#0	See Graph	PASS
Band71	10MHz	16QAM	693	1RB#49	See Graph	PASS
Band71	10MHz	16QAM	693	50RB#0	See Graph	PASS
Band71	10MHz	64QAM	668	1RB#0	See Graph	PASS
Band71	10MHz	64QAM	668	50RB#0	See Graph	PASS
Band71	10MHz	64QAM	693	1RB#49	See Graph	PASS
Band71	10MHz	64QAM	693	50RB#0	See Graph	PASS
Band71	20MHz	256QAM	668	1RB#0	See Graph	PASS
Band71	20MHz	256QAM	668	50RB#0	See Graph	PASS
Band71	20MHz	256QAM	693	1RB#49	See Graph	PASS
Band71	20MHz	256QAM	693	50RB#0	See Graph	PASS
Band71	15MHz	QPSK	670.5	1RB#0	See Graph	PASS
Band71	15MHz	QPSK	670.5	75RB#0	See Graph	PASS
Band71	15MHz	QPSK	690.5	1RB#74	See Graph	PASS
Band71	15MHz	QPSK	690.5	75RB#0	See Graph	PASS
Band71	15MHz	16QAM	670.5	1RB#0	See Graph	PASS
Band71	15MHz	16QAM	670.5	75RB#0	See Graph	PASS
Band71	15MHz	16QAM	690.5	1RB#74	See Graph	PASS
Band71	15MHz	16QAM	690.5	75RB#0	See Graph	PASS
Band71	15MHz	64QAM	670.5	1RB#0	See Graph	PASS
Band71	15MHz	64QAM	670.5	75RB#0	See Graph	PASS
Band71	15MHz	64QAM	690.5	1RB#74	See Graph	PASS
Band71	15MHz	64QAM	690.5	75RB#0	See Graph	PASS
Band71	20MHz	256QAM	670.5	1RB#0	See Graph	PASS

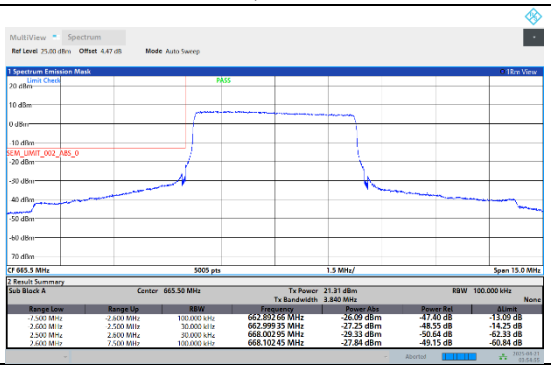
Band71	20MHz	256QAM	670.5	75RB#0	See Graph	PASS
Band71	20MHz	256QAM	690.5	1RB#74	See Graph	PASS
Band71	20MHz	256QAM	690.5	75RB#0	See Graph	PASS
Band71	20MHz	QPSK	673	1RB#0	See Graph	PASS
Band71	20MHz	QPSK	673	100RB#0	See Graph	PASS
Band71	20MHz	QPSK	688	1RB#99	See Graph	PASS
Band71	20MHz	QPSK	688	100RB#0	See Graph	PASS
Band71	20MHz	16QAM	673	1RB#0	See Graph	PASS
Band71	20MHz	16QAM	673	100RB#0	See Graph	PASS
Band71	20MHz	16QAM	688	1RB#99	See Graph	PASS
Band71	20MHz	16QAM	688	100RB#0	See Graph	PASS
Band71	20MHz	64QAM	673	1RB#0	See Graph	PASS
Band71	20MHz	64QAM	673	100RB#0	See Graph	PASS
Band71	20MHz	64QAM	688	1RB#99	See Graph	PASS
Band71	20MHz	64QAM	688	100RB#0	See Graph	PASS
Band71	20MHz	256QAM	673	1RB#0	See Graph	PASS
Band71	20MHz	256QAM	673	100RB#0	See Graph	PASS
Band71	20MHz	256QAM	688	1RB#99	See Graph	PASS
Band71	20MHz	256QAM	688	100RB#0	See Graph	PASS

Test Graphs

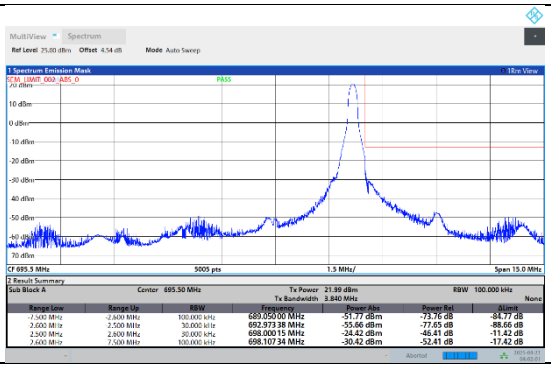
Band71-5MHz-QPSK-665.5-1RB#0



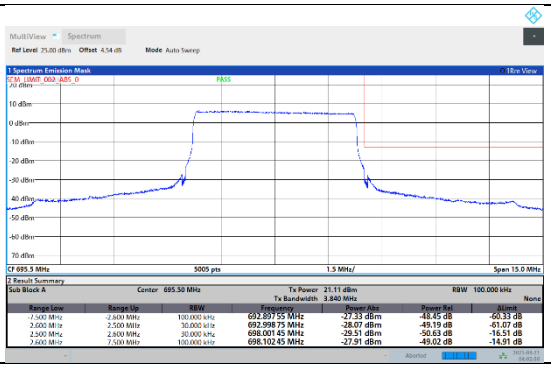
Band71-5MHz-QPSK-665.5-25RB#0



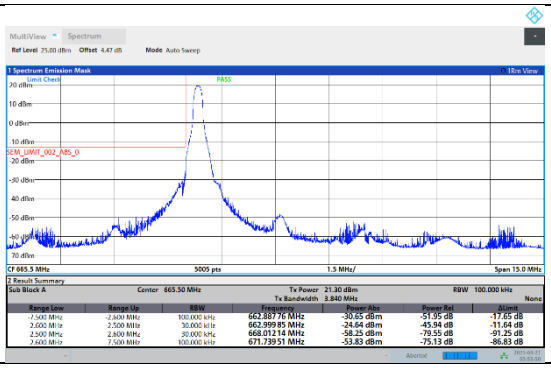
Band71-5MHz-QPSK-695.5-1RB#24



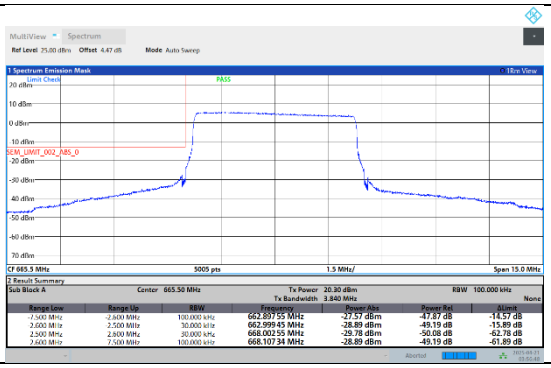
Band71-5MHz-QPSK-695.5-25RB#0



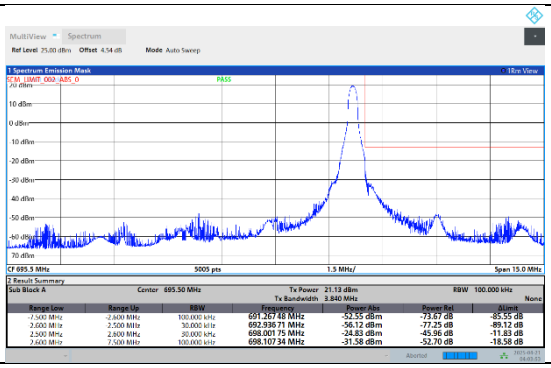
Band71-5MHz-16QAM-665.5-1RB#0



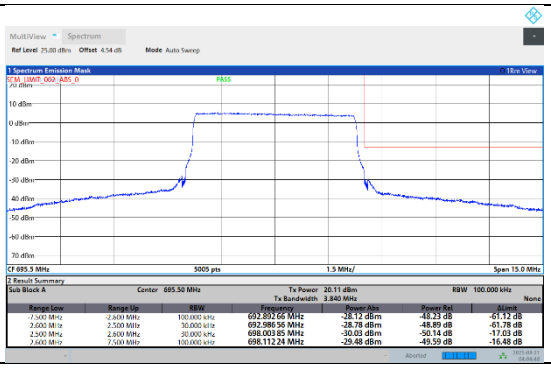
Band71-5MHz-16QAM-665.5-25RB#0



Band71-5MHz-16QAM-695.5-1RB#24

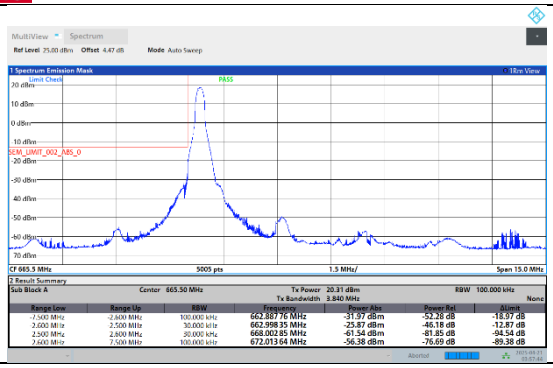


Band71-5MHz-16QAM-695.5-25RB#0

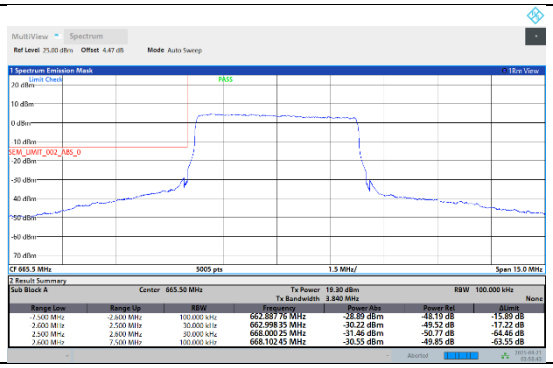


Band71-5MHz-64QAM-665.5-1RB#0

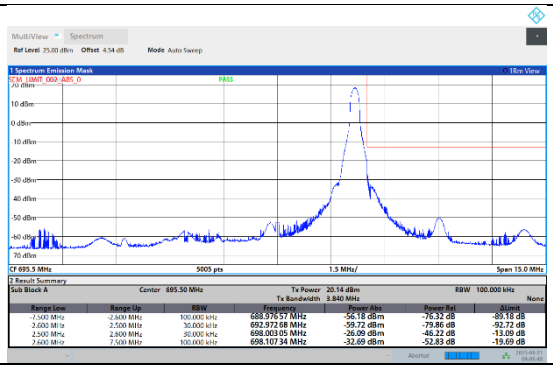
Band71-5MHz-64QAM-665.5-25RB#0



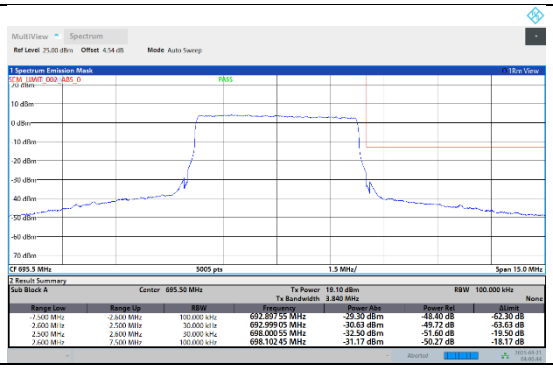
Band71-5MHz-64QAM-695.5-1RB#24



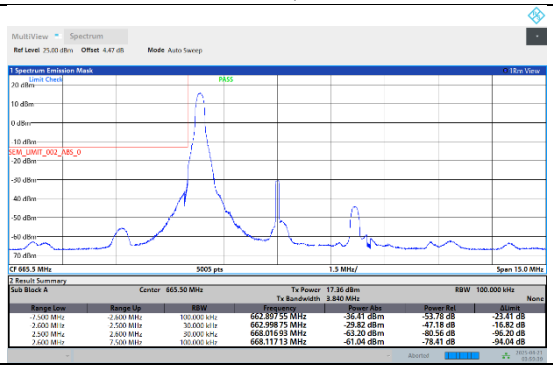
Band71-5MHz-64QAM-695.5-25RB#0



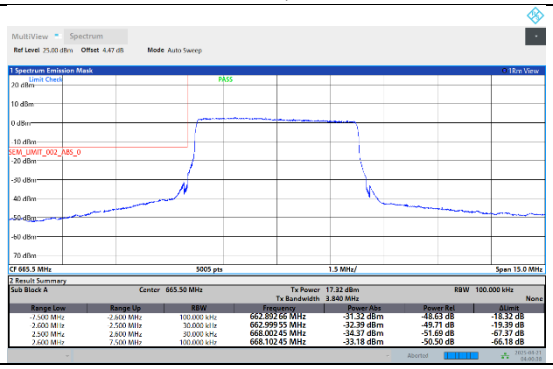
Band71-5MHz-256QAM-665.5-1RB#0



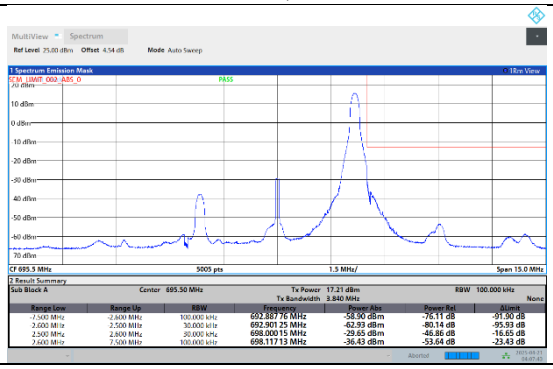
Band71-5MHz-256QAM-665.5-25RB#0



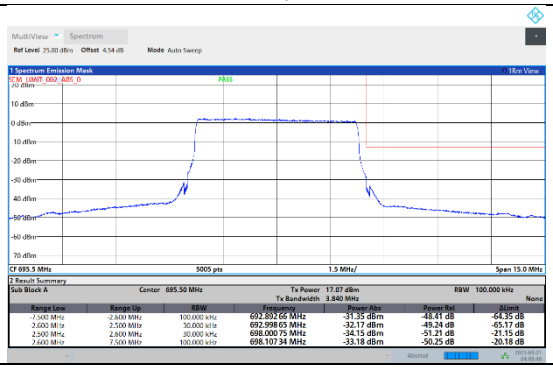
Band71-5MHz-256QAM-695.5-1RB#24



Band71-5MHz-256QAM-695.5-25RB#0



Band71-10MHz-QPSK-668-1RB#0



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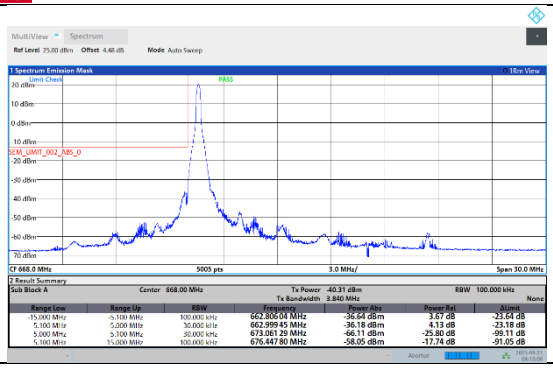
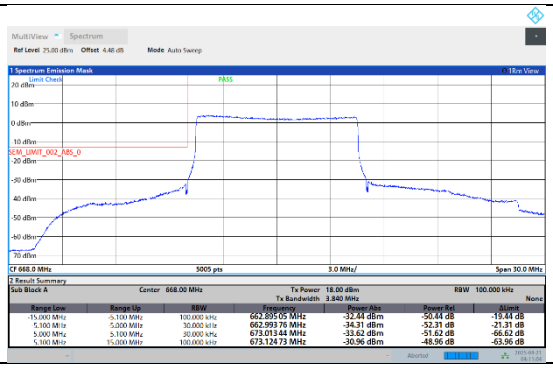


Band71-10MHz-QPSK-693-1RB#49



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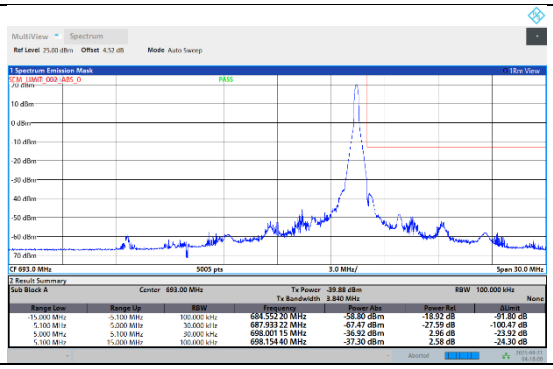

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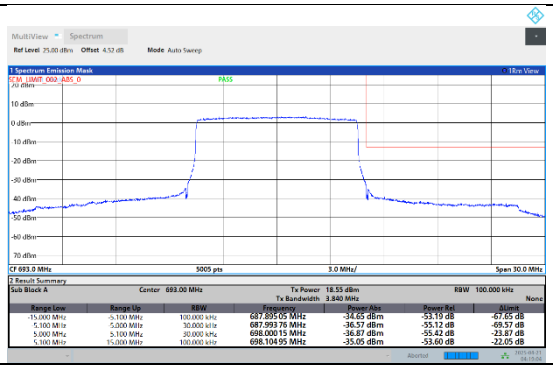

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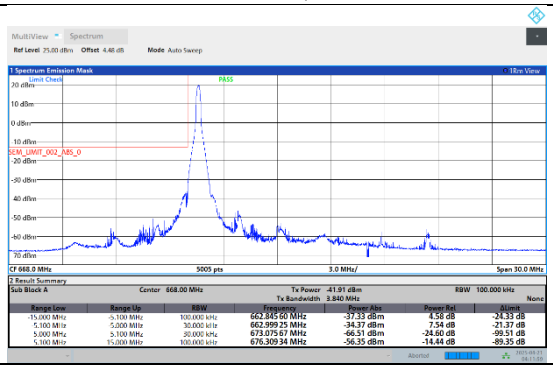

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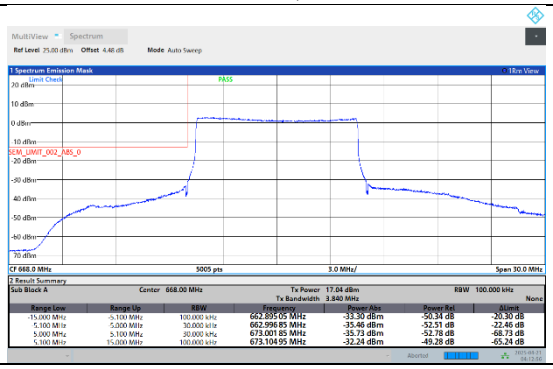

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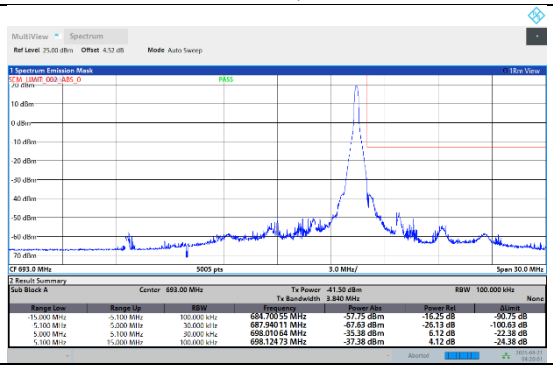

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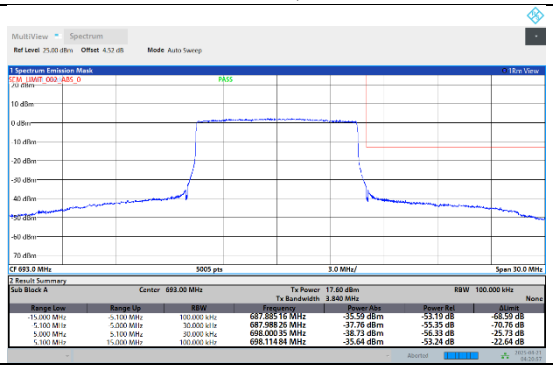

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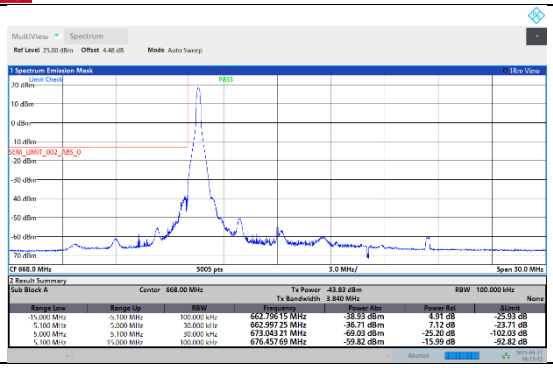

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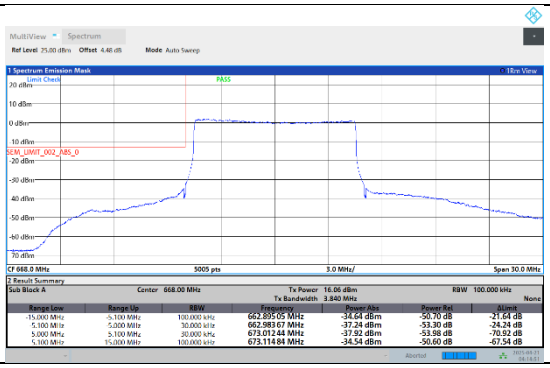

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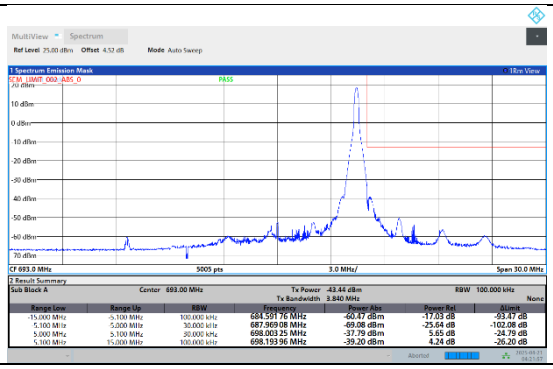

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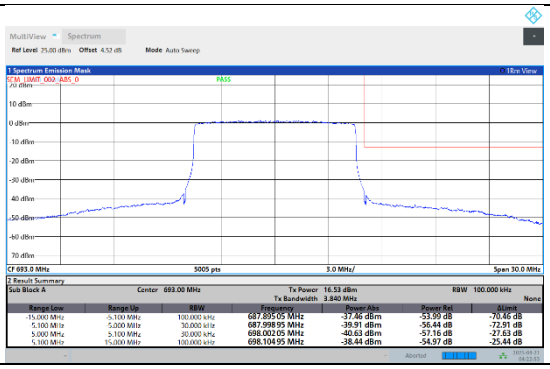

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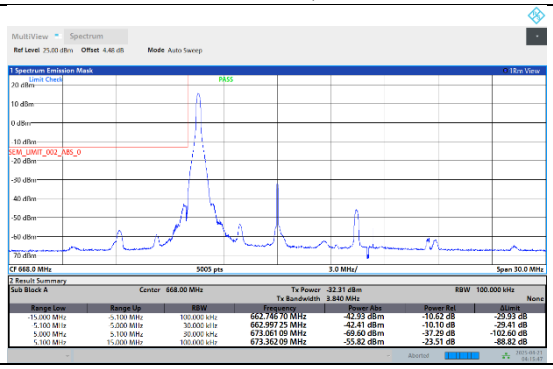

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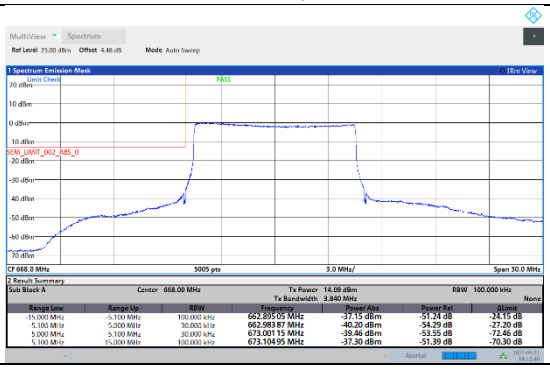

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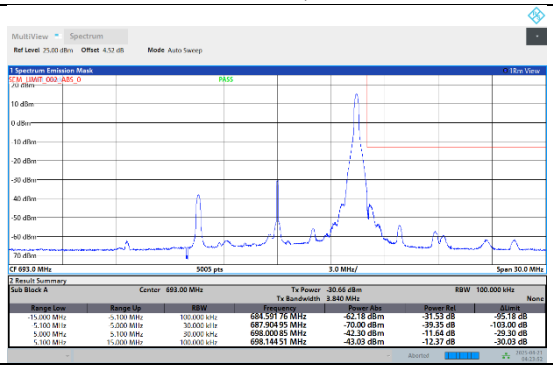
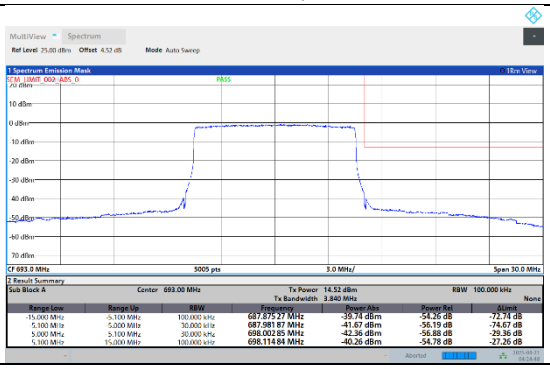
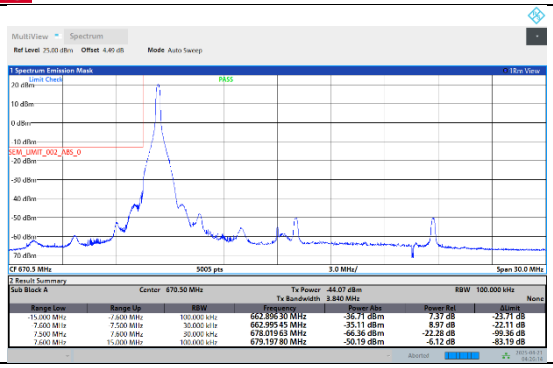


Band71-15MHz-QPSK-670.5-1RB#0



Band71-15MHz-QPSK-670.5-75RB#0



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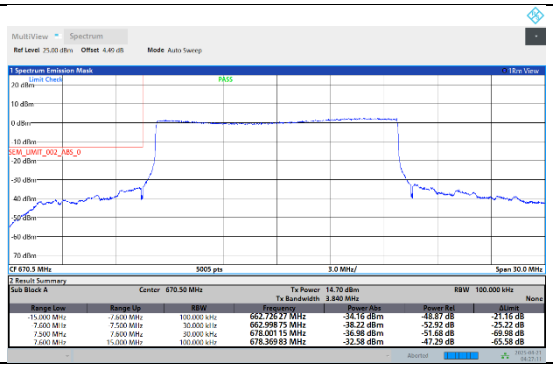

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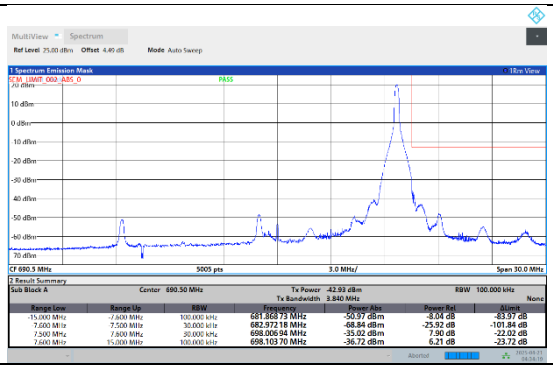

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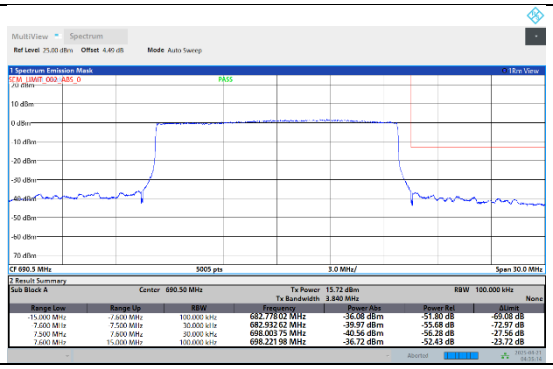

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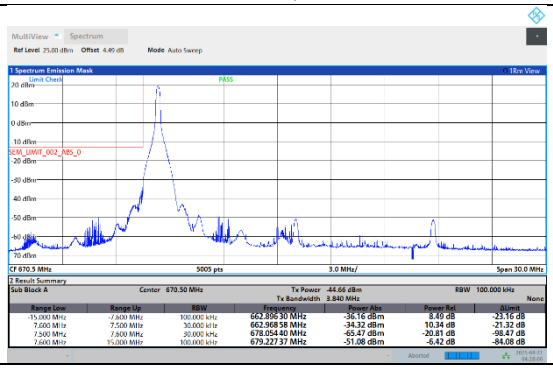

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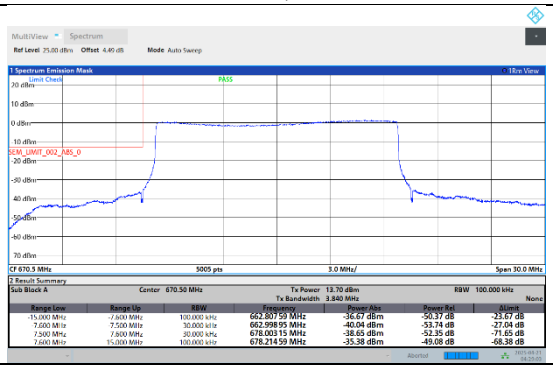

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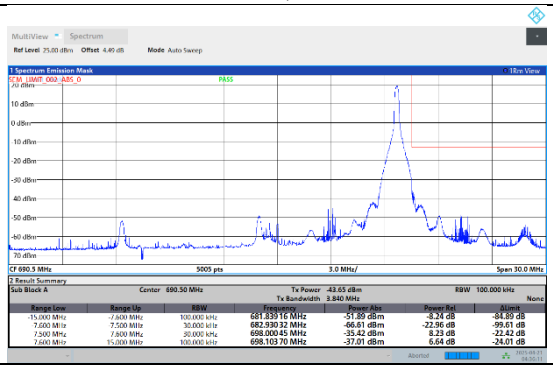

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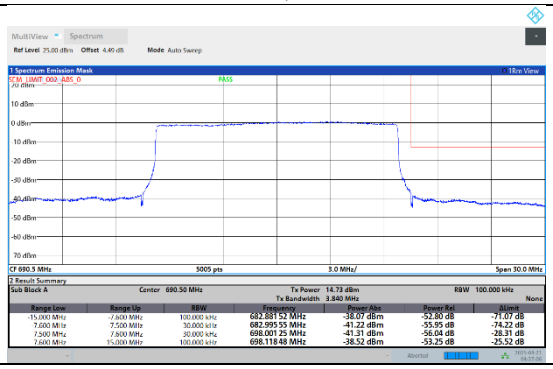

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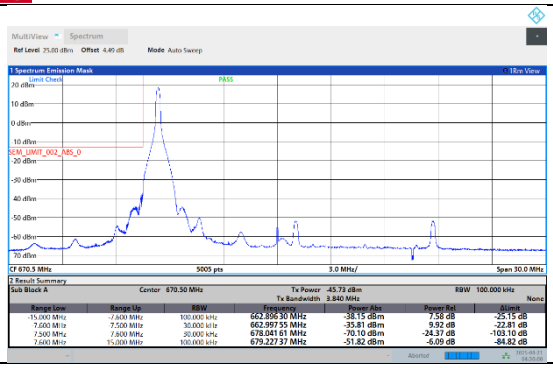

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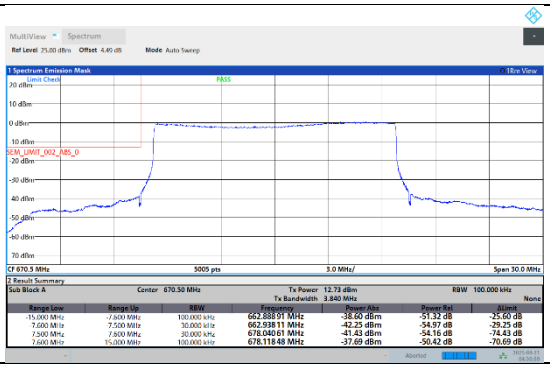

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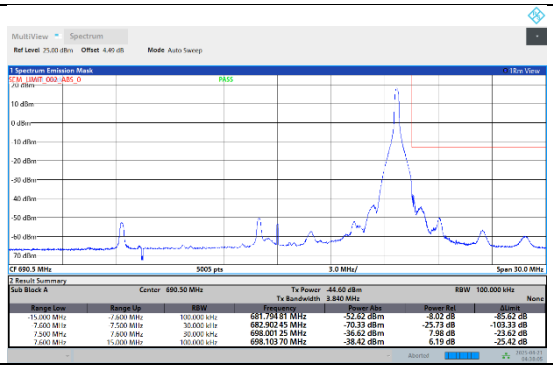

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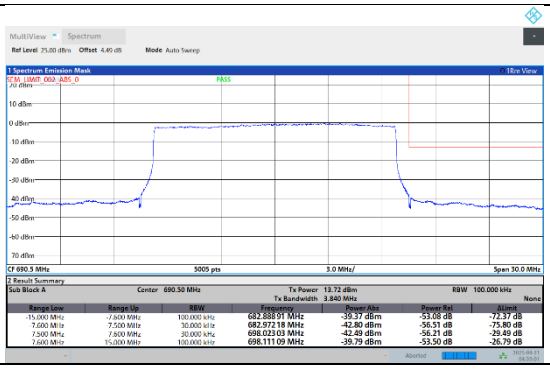

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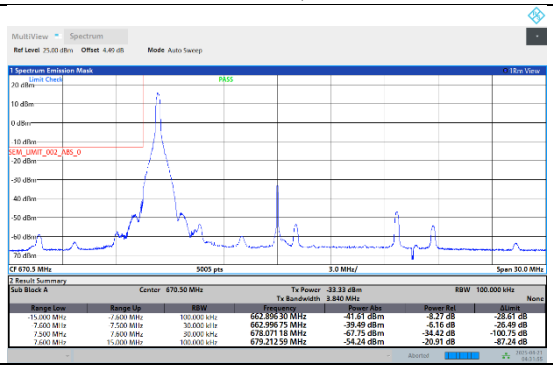

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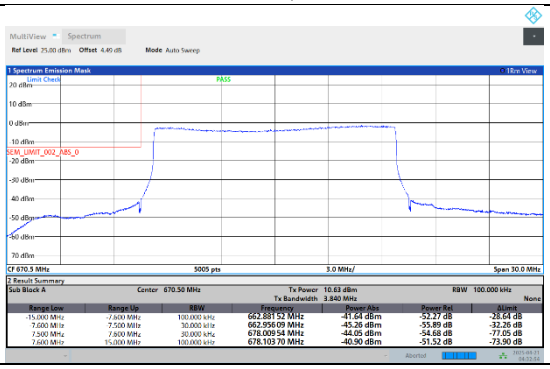

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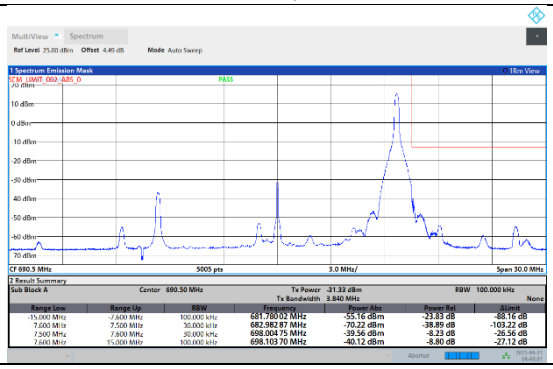

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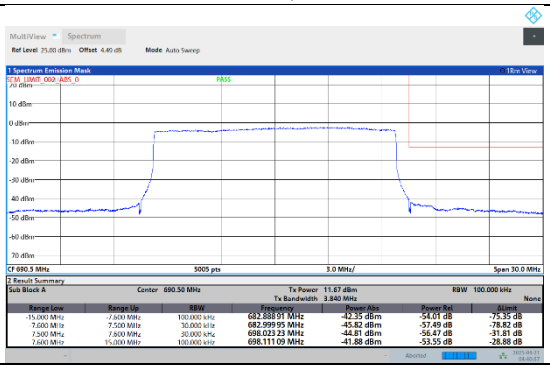

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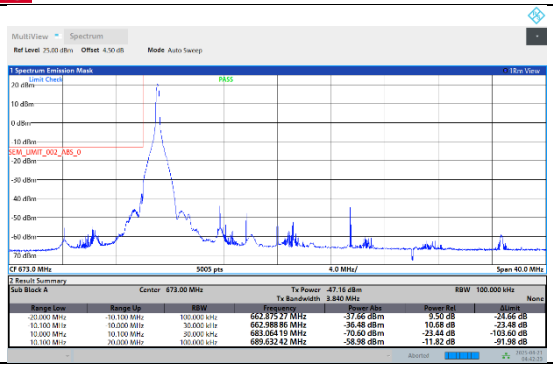

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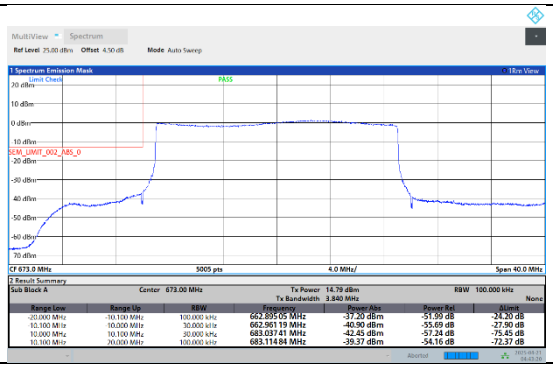
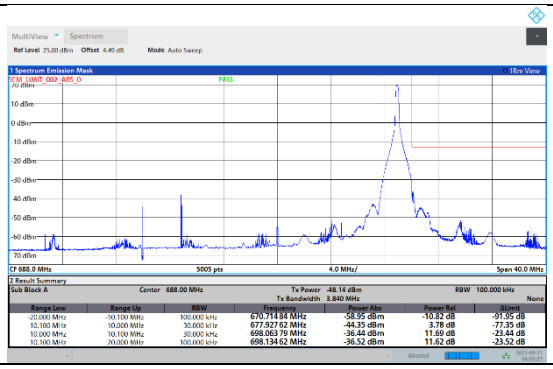
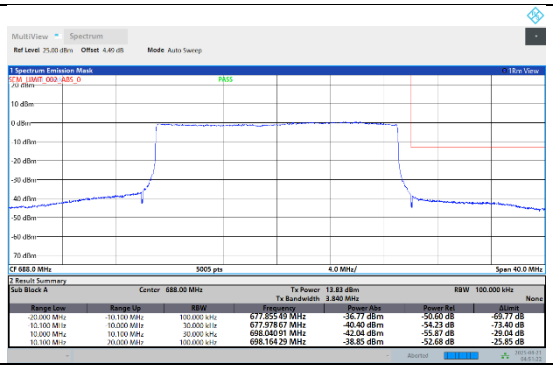


Band71-20MHz-QPSK-688-100RB#0



Band71-20MHz-16QAM-673-1RB#0



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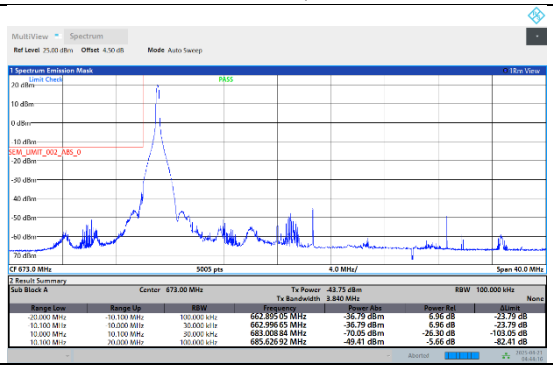

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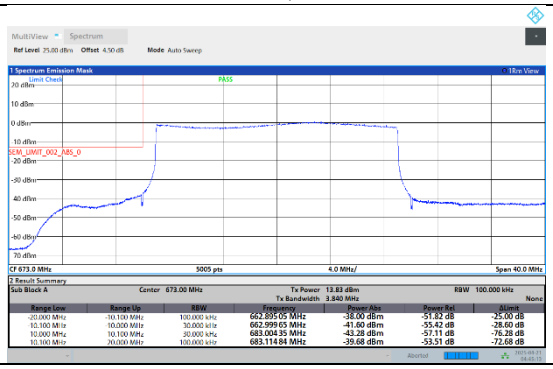

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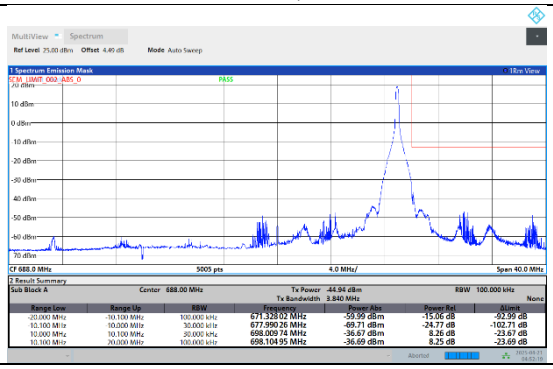

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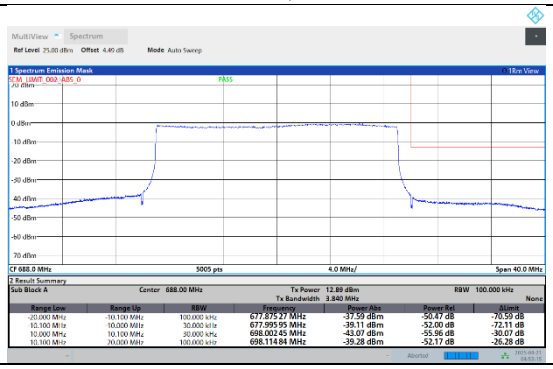

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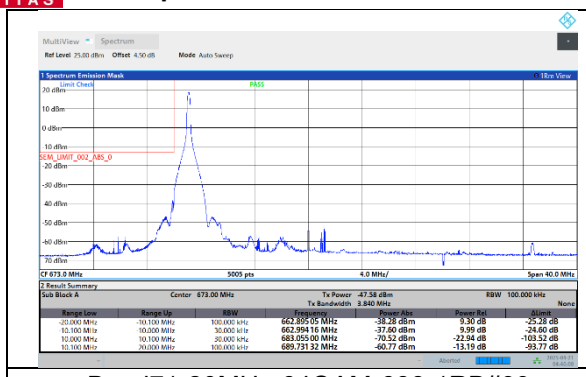

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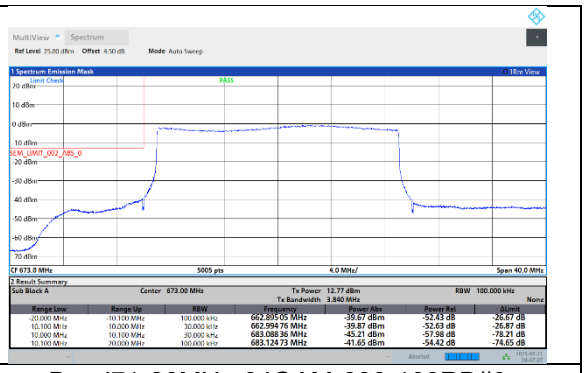

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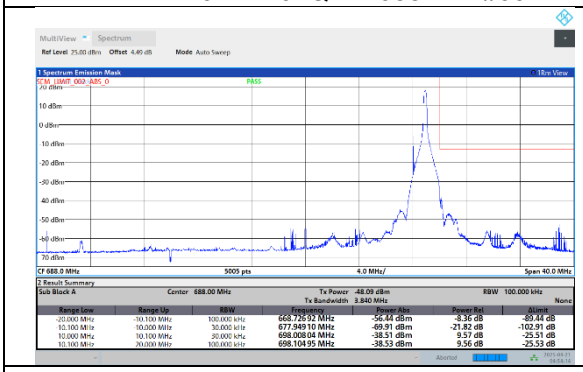

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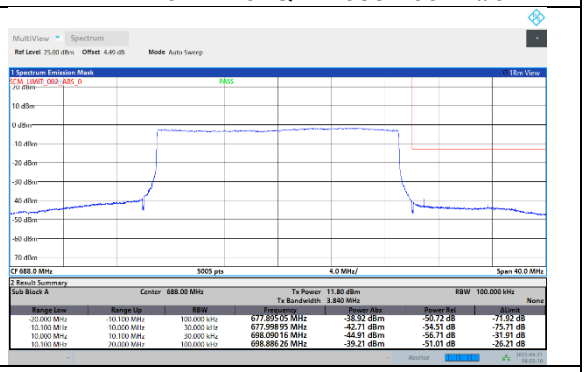
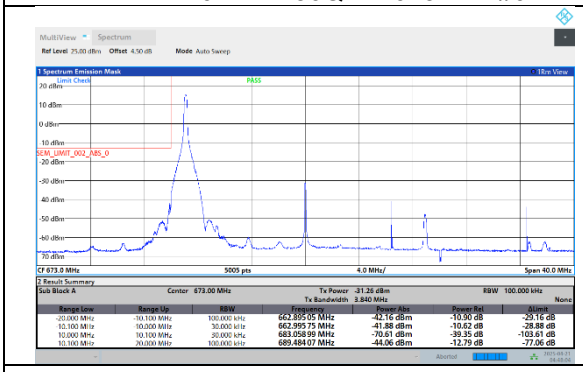


Band71-20MHz-256QAM-673-100RB#0



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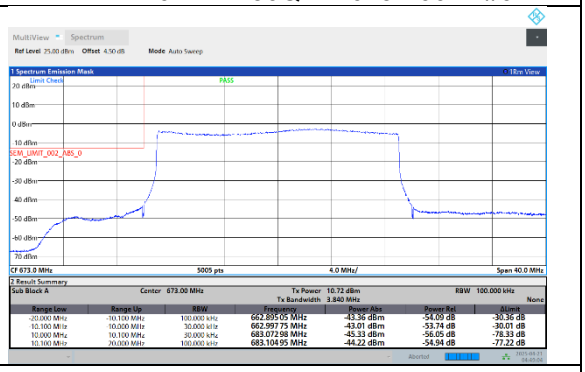
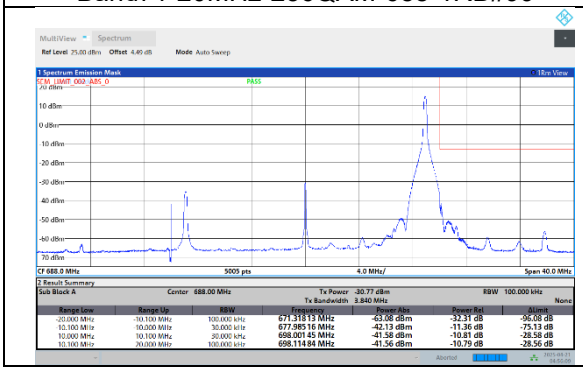
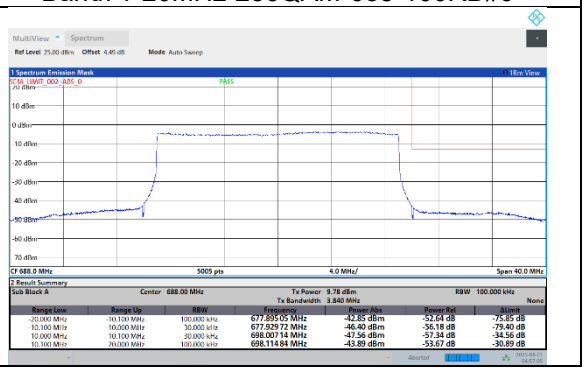


Band71-20MHz-256QAM-688-100RB#0



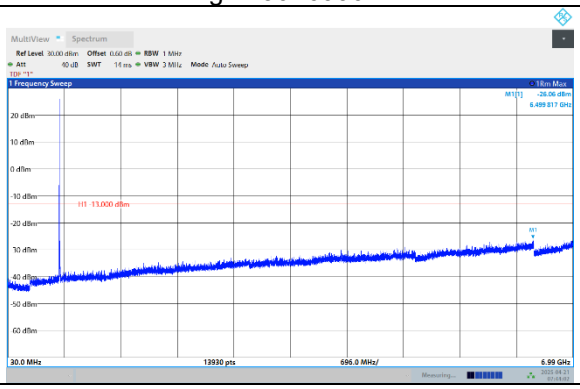
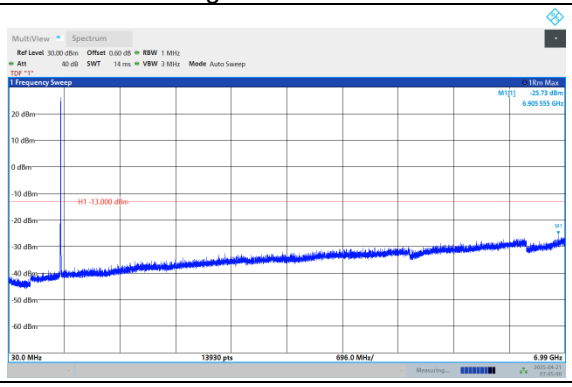
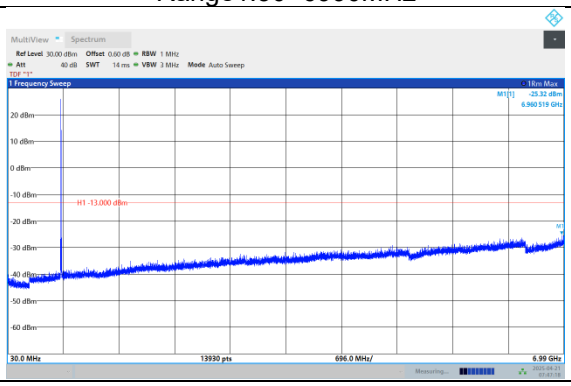
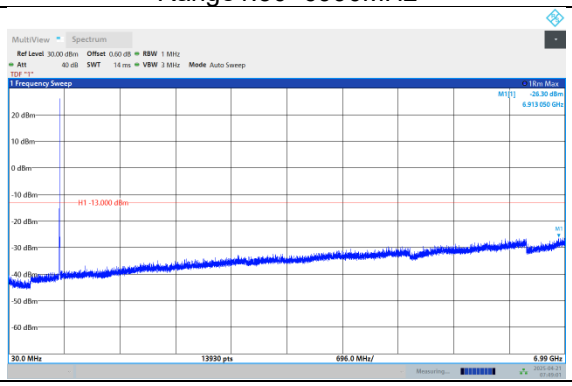
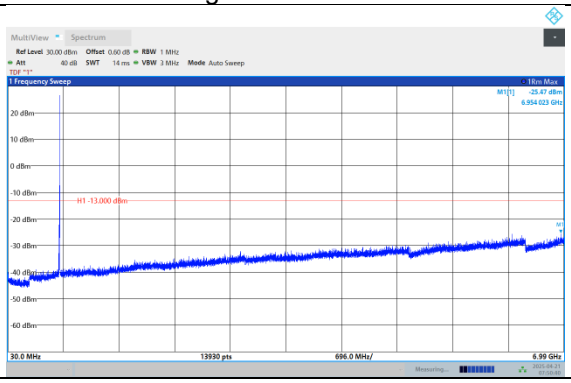
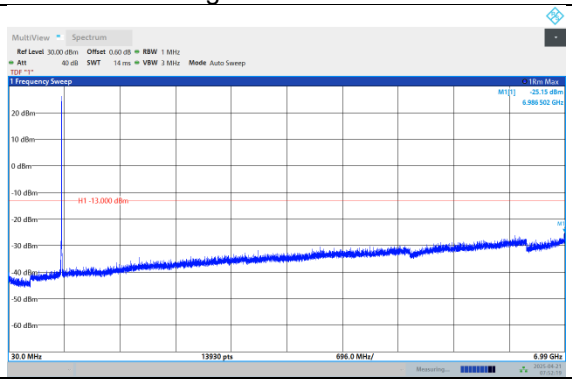


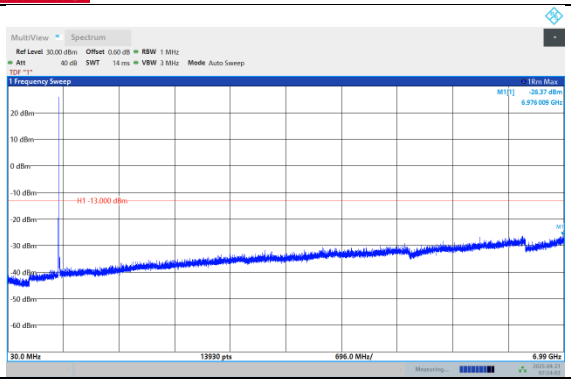
CONDUCTED SPURIOUS EMISSION

Test Result

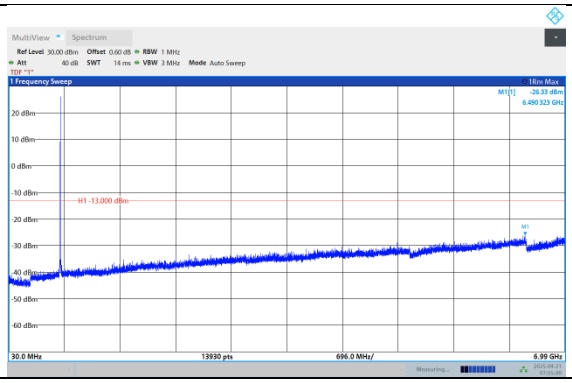
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	665.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	5MHz	QPSK	680.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	5MHz	QPSK	695.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	10MHz	QPSK	668	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	10MHz	QPSK	680.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	10MHz	QPSK	693	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	15MHz	QPSK	670.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	15MHz	QPSK	680.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	15MHz	QPSK	690.5	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	20MHz	QPSK	673	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	20MHz	QPSK	683	1RB#0	Range1:30~6990MHz	See Graph	PASS
Band71	20MHz	QPSK	688	1RB#0	Range1:30~6990MHz	See Graph	PASS

Test Graphs

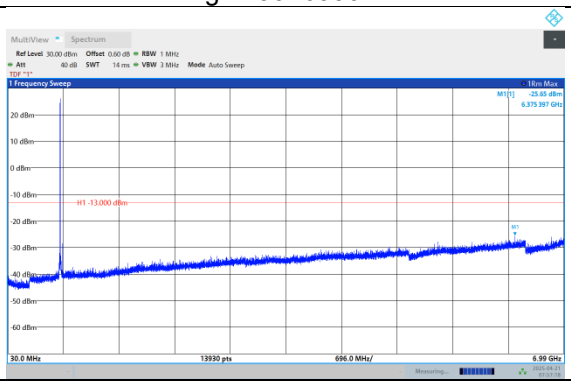
Band71-5MHz-QPSK-665.5-1RB#0-Range1:30~6990MHz	Band71-5MHz-QPSK-680.5-1RB#0-Range1:30~6990MHz
	
Band71-5MHz-QPSK-695.5-1RB#0-Range1:30~6990MHz	Band71-10MHz-QPSK-668-1RB#0-Range1:30~6990MHz
	
Band71-10MHz-QPSK-680.5-1RB#0-Range1:30~6990MHz	Band71-10MHz-QPSK-693-1RB#0-Range1:30~6990MHz
	
Band71-15MHz-QPSK-670.5-1RB#0-Range1:30~6990MHz	Band71-15MHz-QPSK-680.5-1RB#0-Range1:30~6990MHz



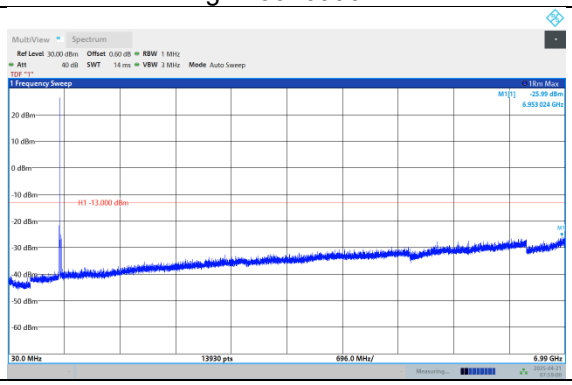
Band71-15MHz-QPSK-690.5-1RB#0-Range1:30~6990MHz



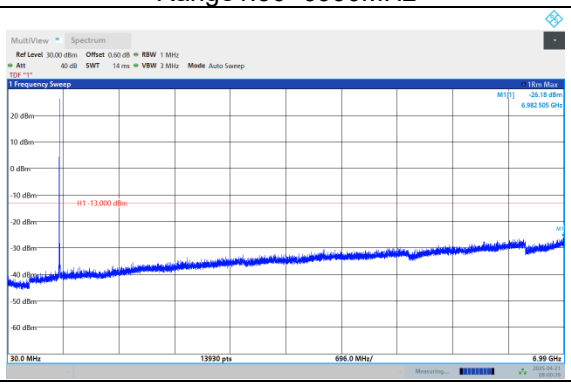
Band71-20MHz-QPSK-673-1RB#0-Range1:30~6990MHz

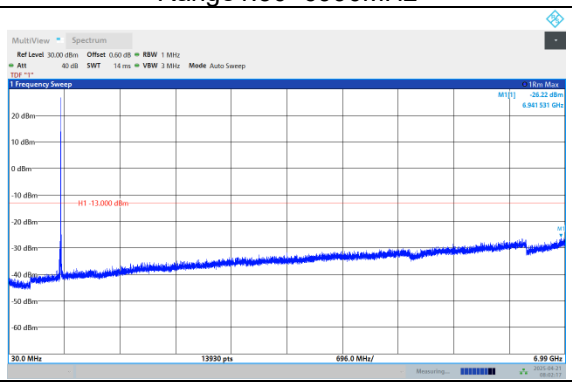


Band71-20MHz-QPSK-683-1RB#0-Range1:30~6990MHz



Band71-20MHz-QPSK-688-1RB#0-Range1:30~6990MHz





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 71	20MHz	QPSK	673	100RB#0	NV	NT	-12.48	-0.0185	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	HV	NT	15.50	0.0230	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	LV	NT	-12.58	-0.0187	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	NT	7.82	0.0114	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	HV	NT	-32.83	-0.0481	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	LV	NT	-32.24	-0.0472	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	NT	14.33	0.0208	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	HV	NT	-11.39	-0.0166	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Frequency (MHz)	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band 71	20MHz	QPSK	673	100RB#0	NV	-30	13.29	0.0197	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	-20	24.12	0.0358	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	-10	34.79	0.0517	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	0	-27.63	-0.0411	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	10	-0.73	-0.0011	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	20	-25.40	-0.0377	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	30	-24.41	-0.0363	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	40	1.79	0.0027	±2.5	PASS
Band 71	20MHz	QPSK	673	100RB#0	NV	50	25.72	0.0382	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	-30	-19.44	-0.0285	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	-20	-8.06	-0.0118	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	-10	-15.42	-0.0226	±2.5	PASS
Band	20MHz	QPSK	683	100RB#0	NV	0	-15.75	-0.0231	±2.5	PASS

71										
Band 71	20MHz	QPSK	683	100RB#0	NV	10	-14.32	-0.0210	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	20	0.29	0.0004	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	30	-5.36	-0.0078	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	40	20.98	0.0307	±2.5	PASS
Band 71	20MHz	QPSK	683	100RB#0	NV	50	4.45	0.0065	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	-30	-12.72	-0.0185	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	-20	4.61	0.0067	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	-10	-4.29	-0.0062	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	0	-23.49	-0.0341	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	10	-33.78	-0.0491	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	20	32.82	0.0477	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	30	7.01	0.0102	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	40	-10.85	-0.0158	±2.5	PASS
Band 71	20MHz	QPSK	688	100RB#0	NV	50	4.30	0.0063	±2.5	PASS

--END--