



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	4.487	4.87	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.474	4.86	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.487	4.87	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.475	4.90	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.477	4.86	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.480	4.88	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.948	9.80	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.958	9.65	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.966	9.83	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.940	9.65	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.947	9.77	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.958	9.71	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.457	14.74	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.432	14.93	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.436	14.79	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.418	14.79	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.499	14.61	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.474	14.84	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.862	19.06	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.919	19.42	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.894	19.18	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.861	19.36	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.929	19.42	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.884	19.36	PASS

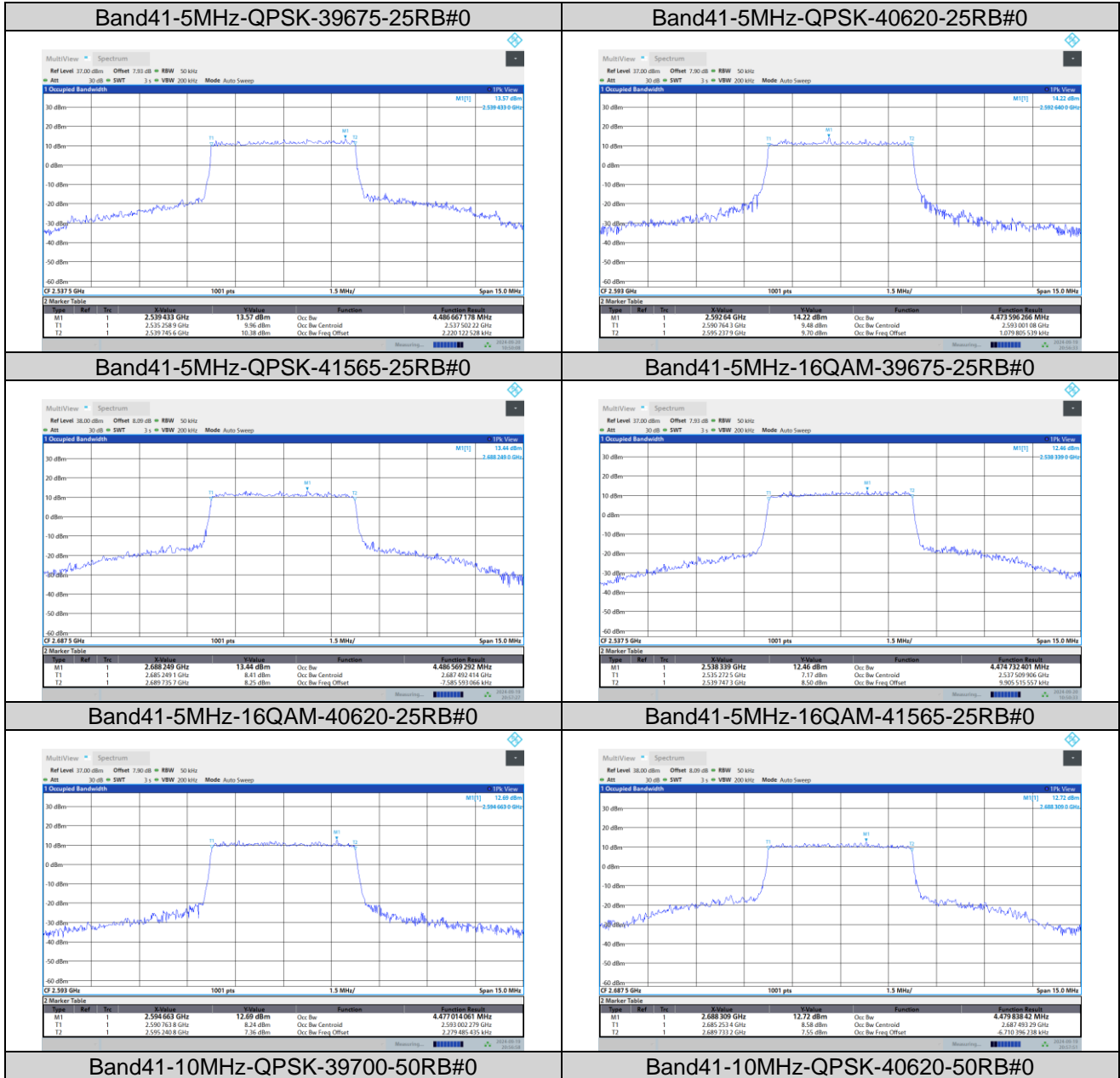


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Test Report No.: PSU-QSU2306120115RF05

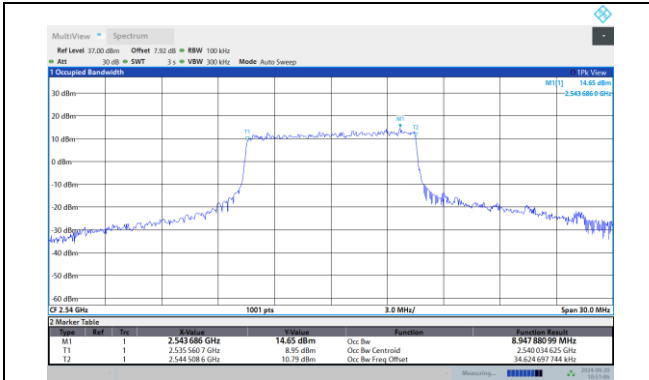
Test Graphs

Occupied Bandwidth

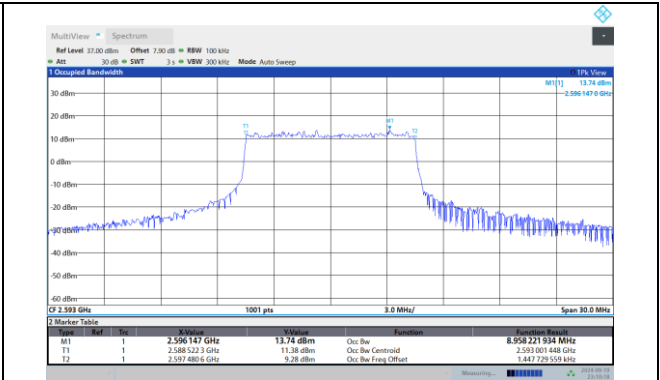




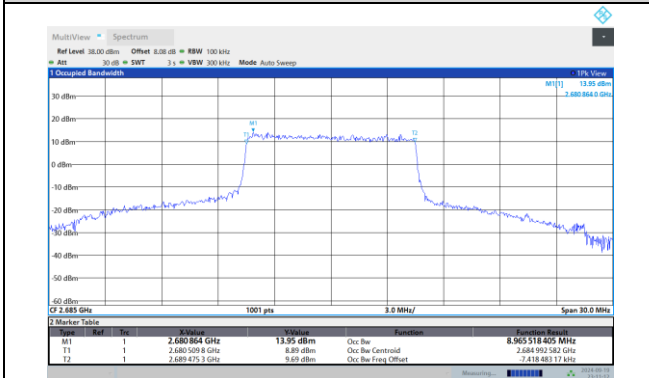
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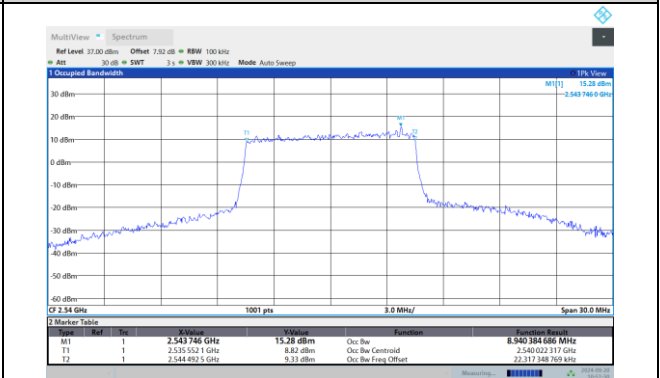
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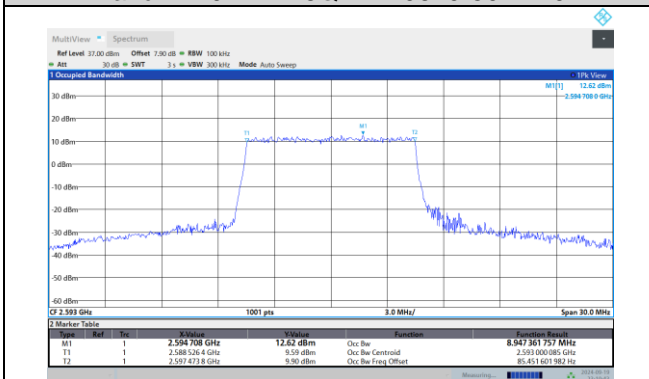
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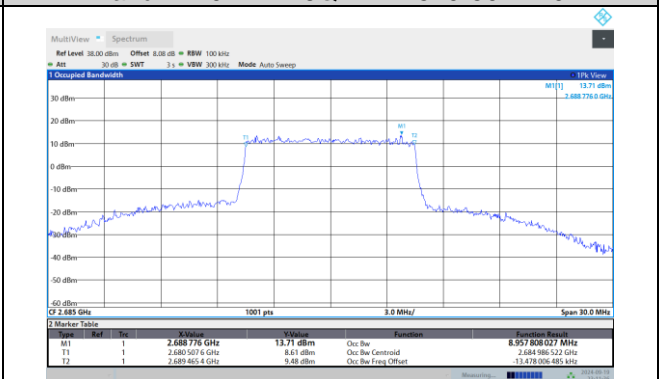
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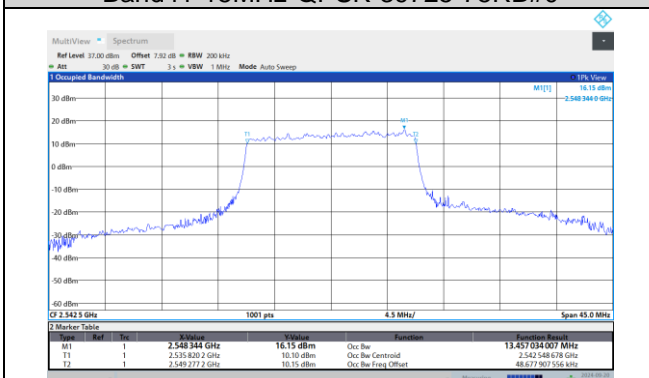
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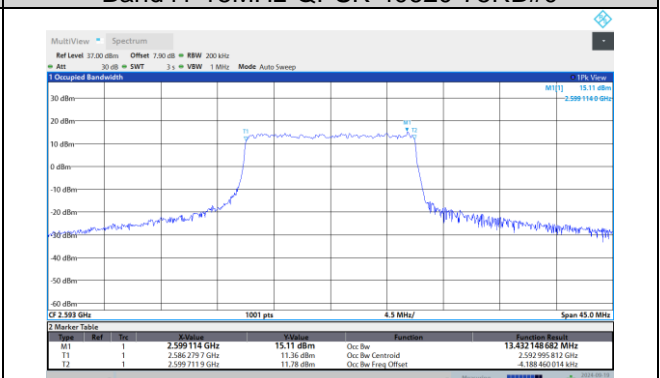
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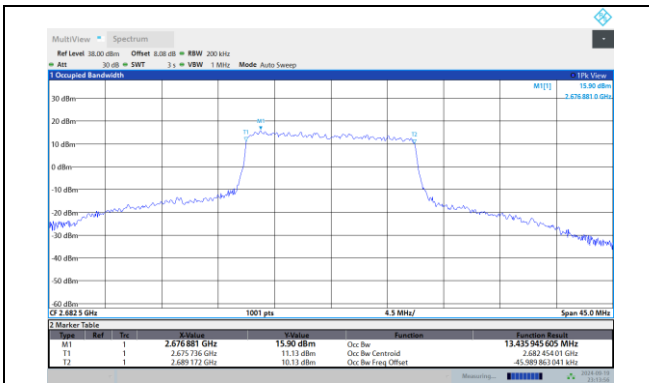
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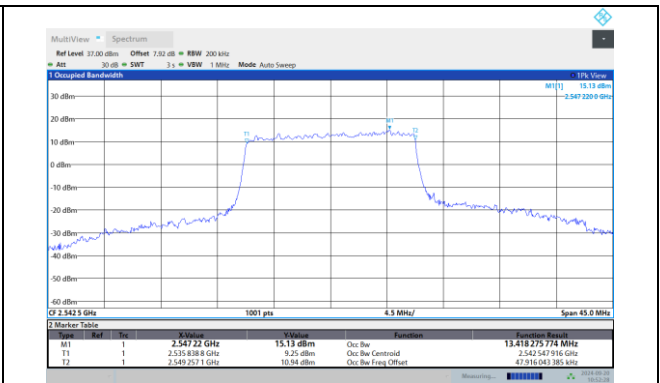
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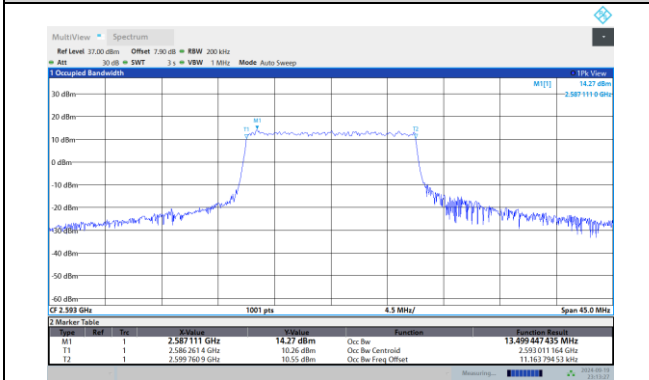
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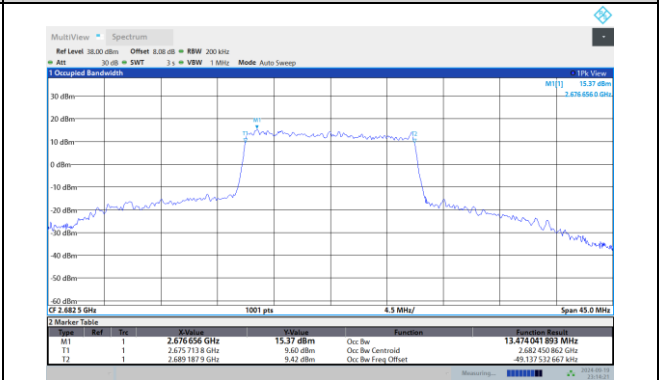
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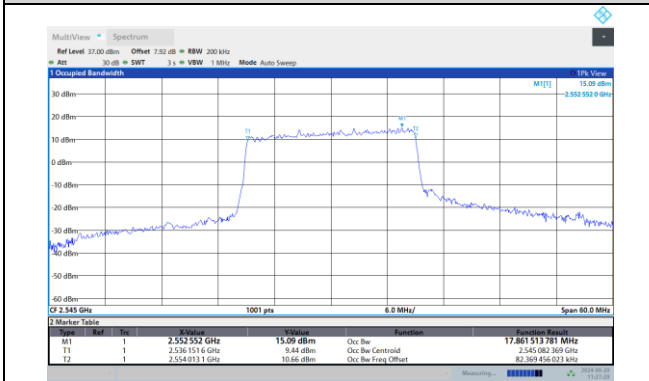
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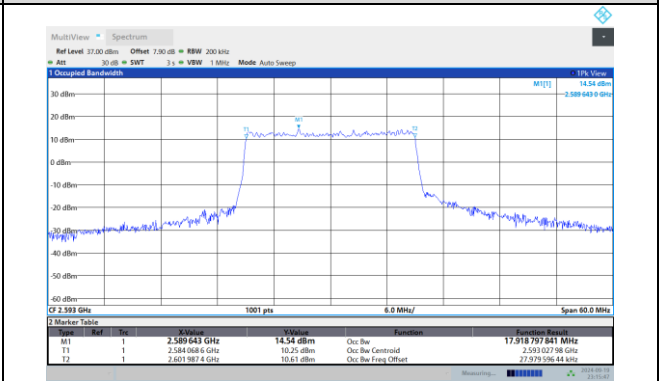
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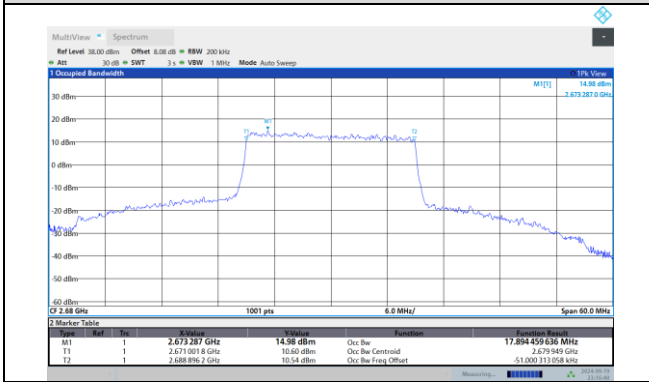
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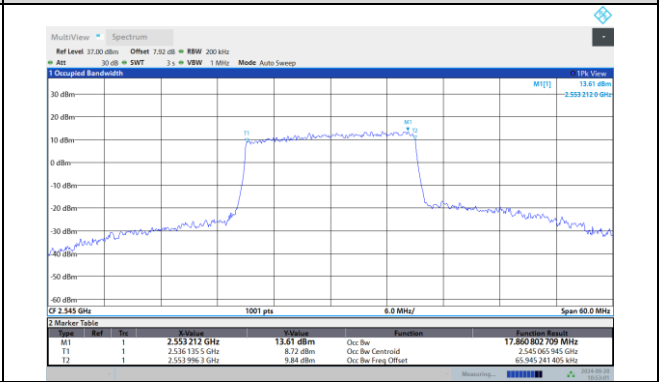
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Band41-20MHz-16QAM-39750-100RB#0



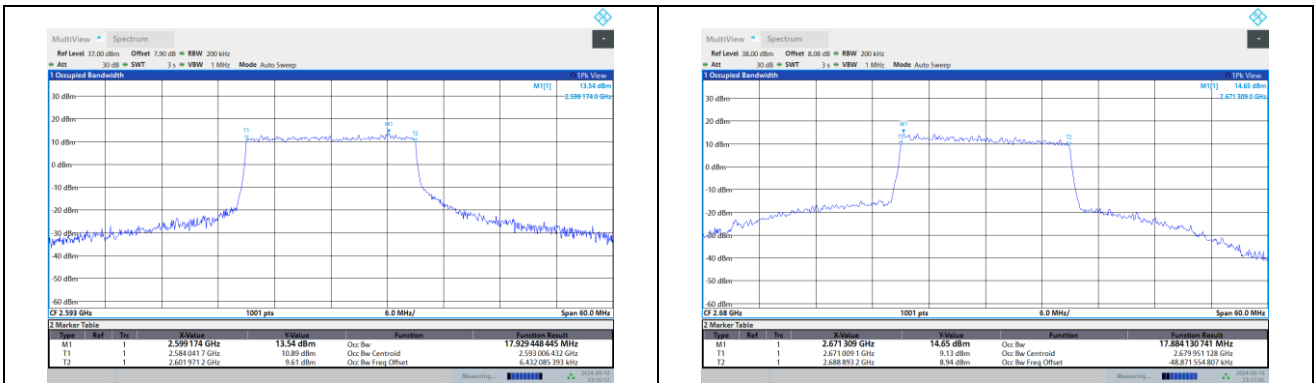
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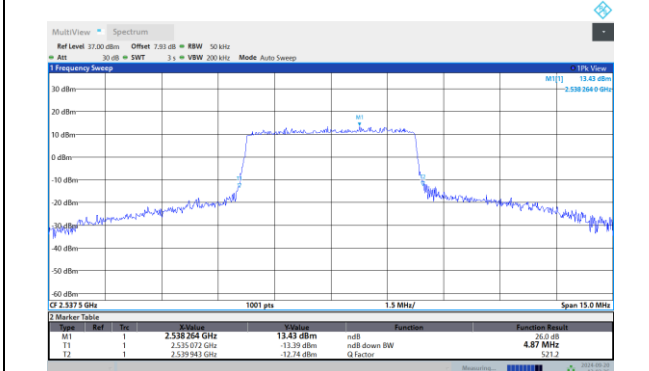


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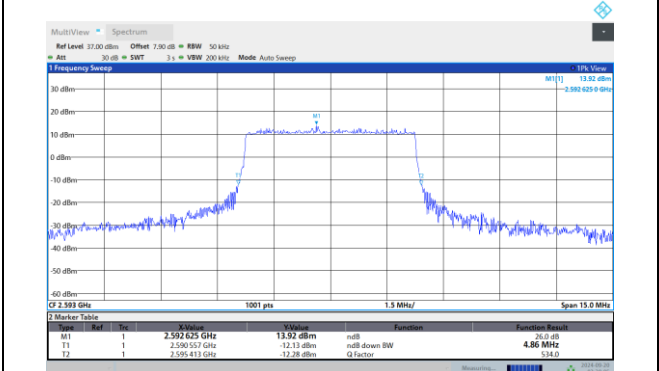


26dB Bandwidth

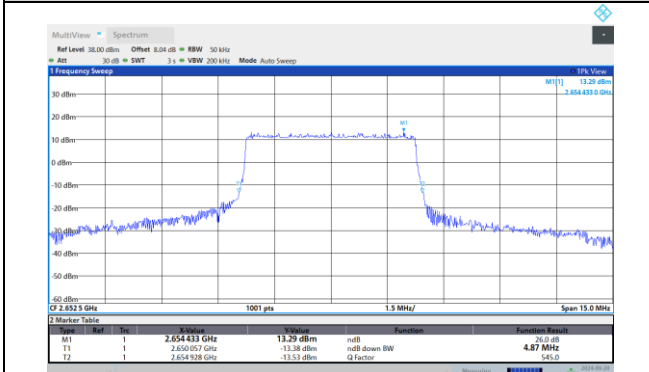
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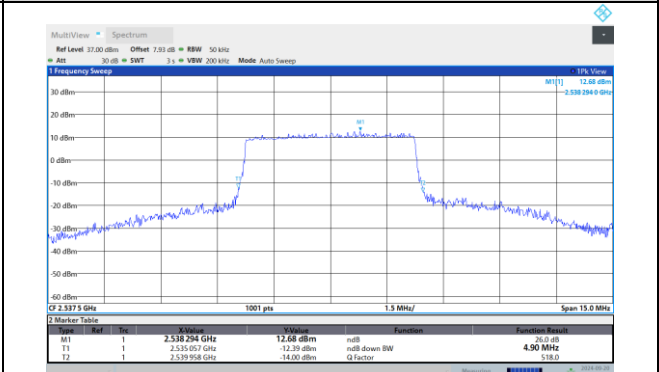
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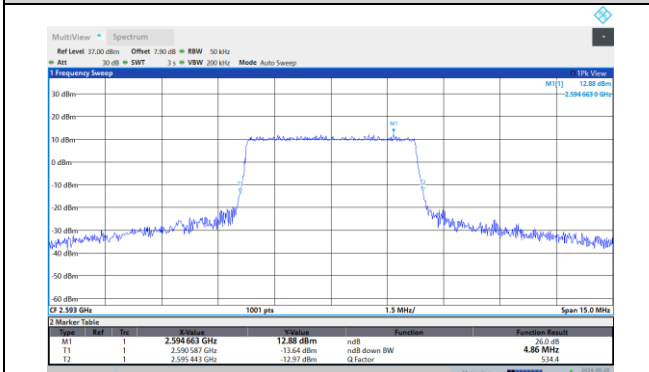
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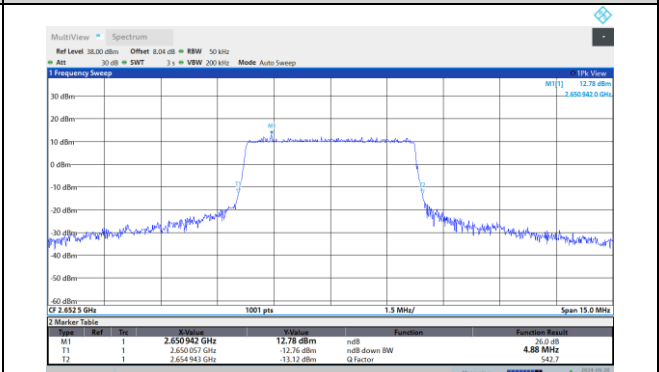
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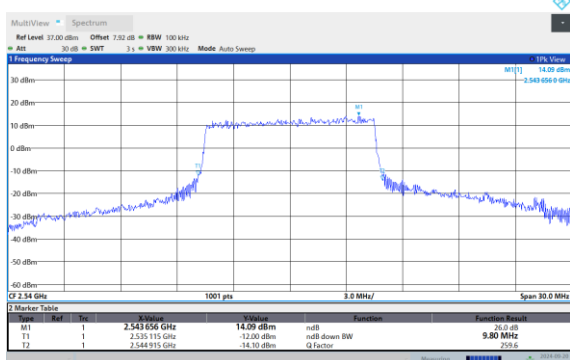
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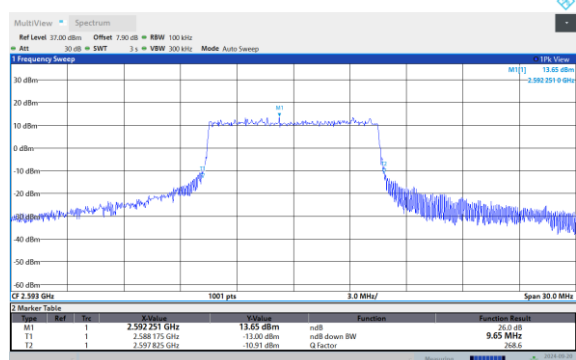


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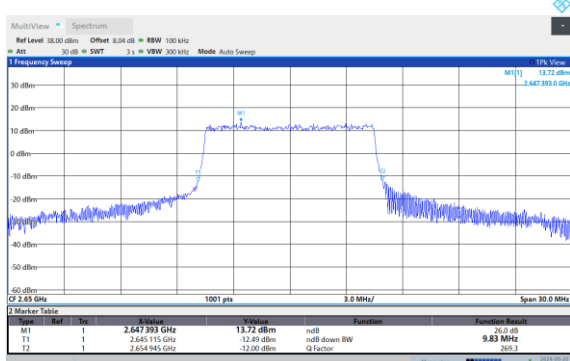
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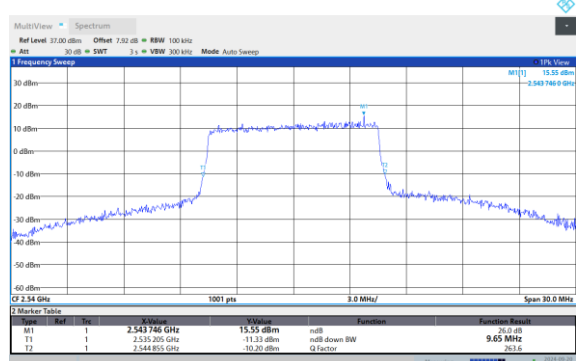
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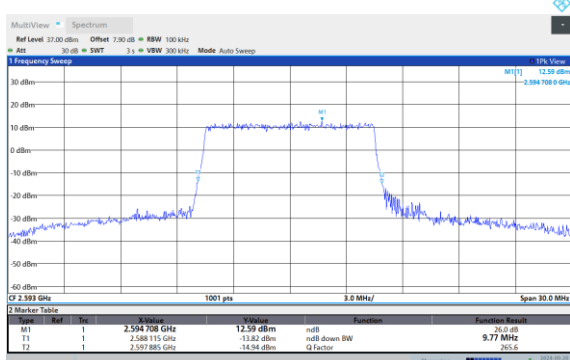
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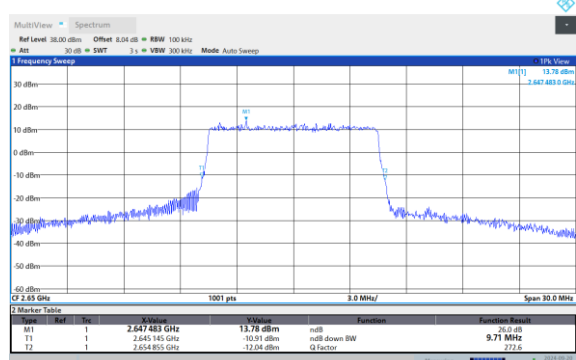
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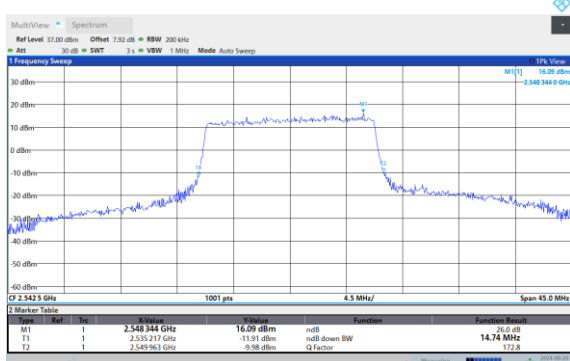
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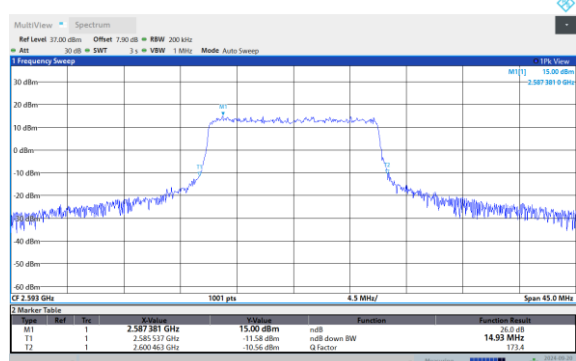
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Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-40620-75RB#0



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



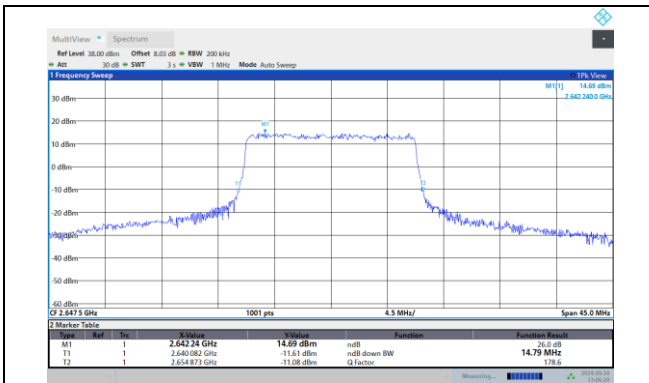
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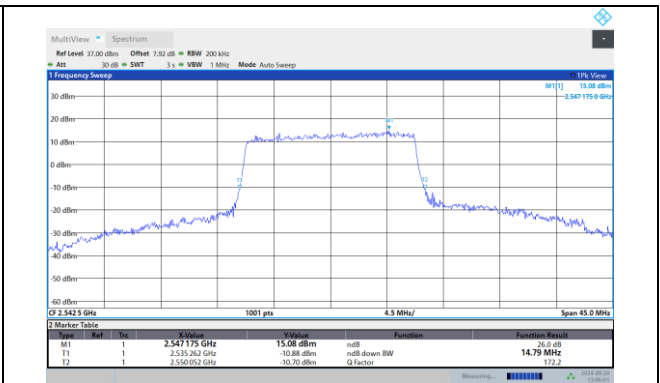


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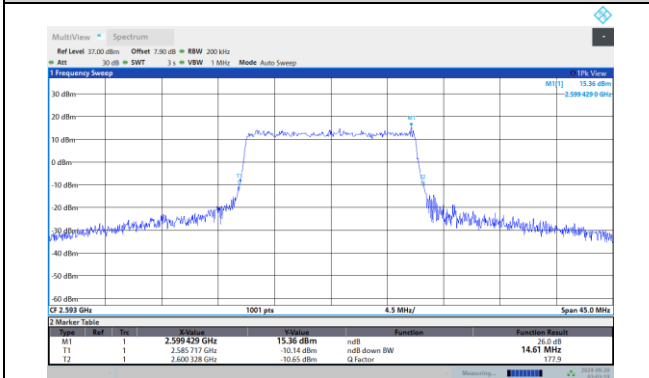
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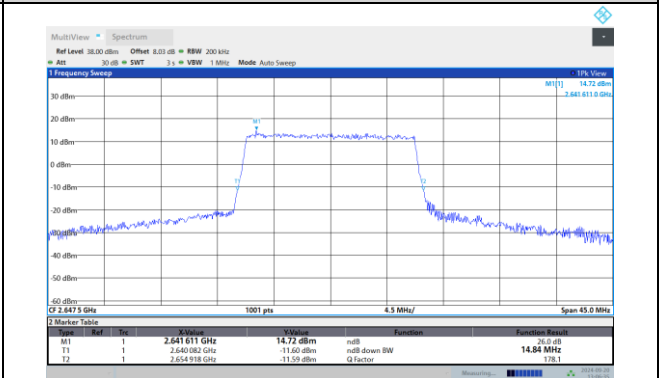
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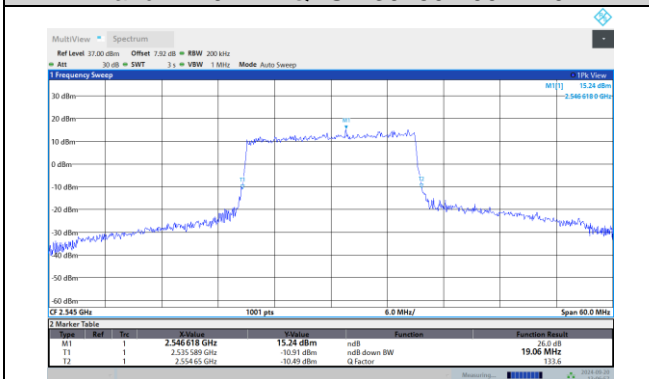
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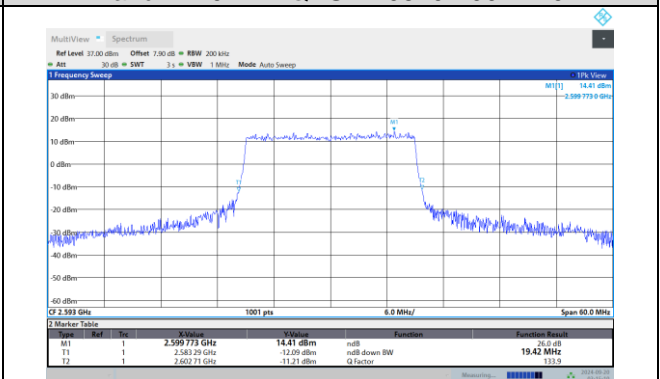
Band41-20MHz-QPSK-39750-100RB#0



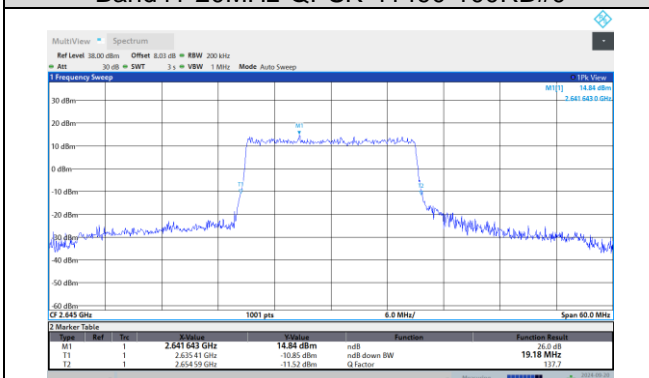
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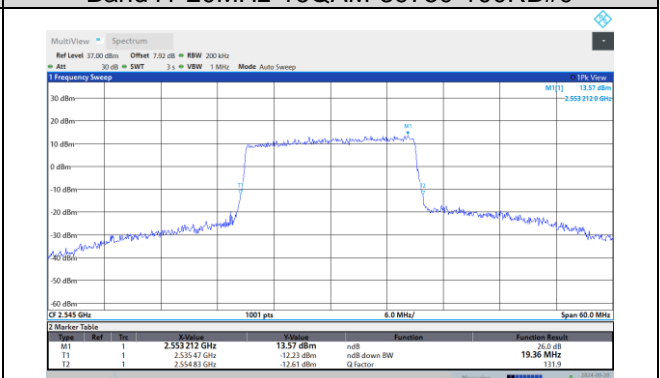
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Band41-20MHz-16QAM-39750-100RB#0



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

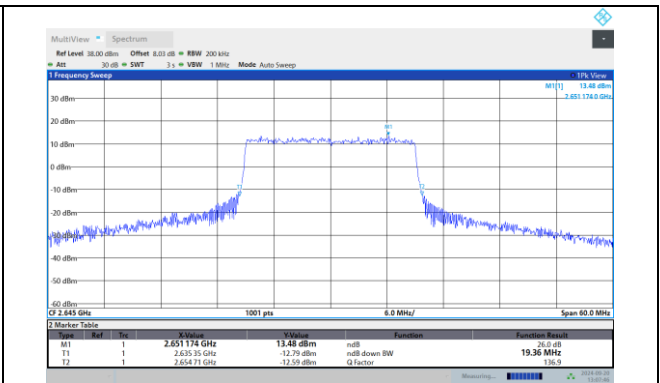
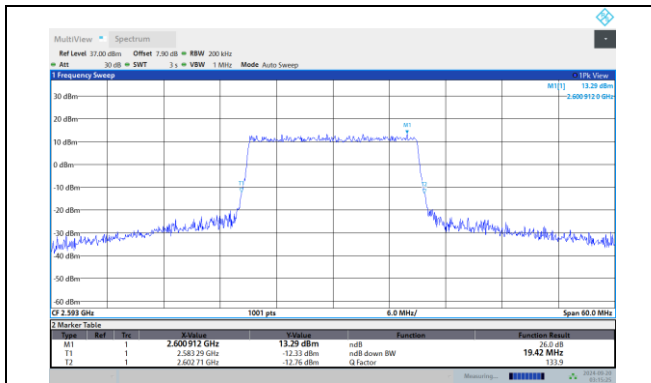


Band41-20MHz-16QAM-41490-100RB#0



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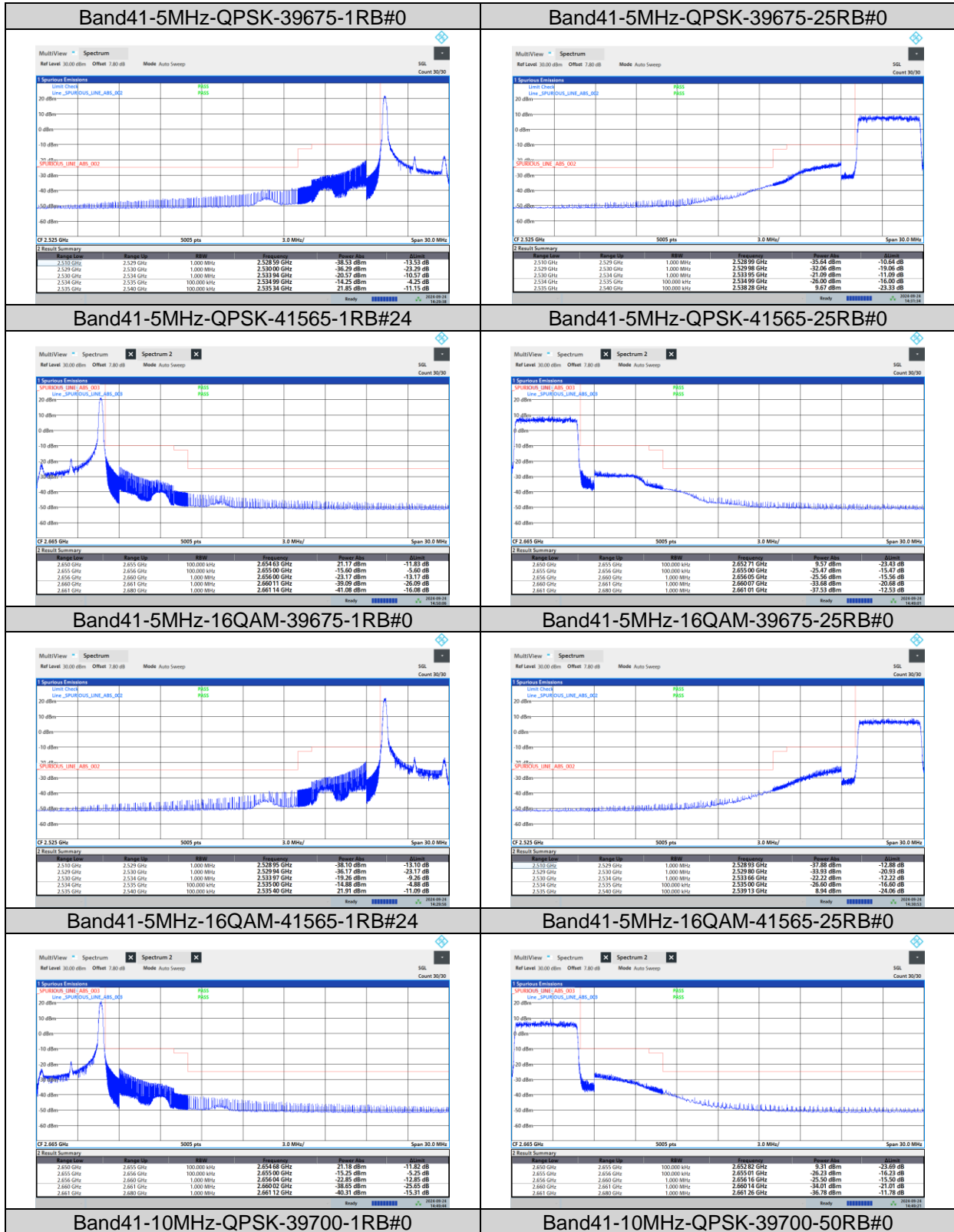
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	See Graph	PASS
Band41	5MHz	QPSK	39675	25RB#0	See Graph	PASS
Band41	5MHz	QPSK	41565	1RB#24	See Graph	PASS
Band41	5MHz	QPSK	41565	25RB#0	See Graph	PASS
Band41	5MHz	16QAM	39675	1RB#0	See Graph	PASS
Band41	5MHz	16QAM	39675	25RB#0	See Graph	PASS
Band41	5MHz	16QAM	41565	1RB#24	See Graph	PASS
Band41	5MHz	16QAM	41565	25RB#0	See Graph	PASS
Band41	10MHz	QPSK	39700	1RB#0	See Graph	PASS
Band41	10MHz	QPSK	39700	50RB#0	See Graph	PASS
Band41	10MHz	QPSK	41540	1RB#49	See Graph	PASS
Band41	10MHz	QPSK	41540	50RB#0	See Graph	PASS
Band41	10MHz	16QAM	39700	1RB#0	See Graph	PASS
Band41	10MHz	16QAM	39700	50RB#0	See Graph	PASS
Band41	10MHz	16QAM	41540	1RB#49	See Graph	PASS
Band41	10MHz	16QAM	41540	50RB#0	See Graph	PASS
Band41	15MHz	QPSK	39725	1RB#0	See Graph	PASS
Band41	15MHz	QPSK	39725	75RB#0	See Graph	PASS
Band41	15MHz	QPSK	41515	1RB#74	See Graph	PASS
Band41	15MHz	QPSK	41515	75RB#0	See Graph	PASS
Band41	15MHz	16QAM	39725	1RB#0	See Graph	PASS
Band41	15MHz	16QAM	39725	75RB#0	See Graph	PASS
Band41	15MHz	16QAM	41515	1RB#74	See Graph	PASS
Band41	15MHz	16QAM	41515	75RB#0	See Graph	PASS
Band41	20MHz	QPSK	39750	1RB#0	See Graph	PASS
Band41	20MHz	QPSK	39750	100RB#0	See Graph	PASS
Band41	20MHz	QPSK	41490	1RB#99	See Graph	PASS
Band41	20MHz	QPSK	41490	100RB#0	See Graph	PASS
Band41	20MHz	16QAM	39750	1RB#0	See Graph	PASS
Band41	20MHz	16QAM	39750	100RB#0	See Graph	PASS
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Band41	20MHz	16QAM	41490	100RB#0	See Graph	PASS



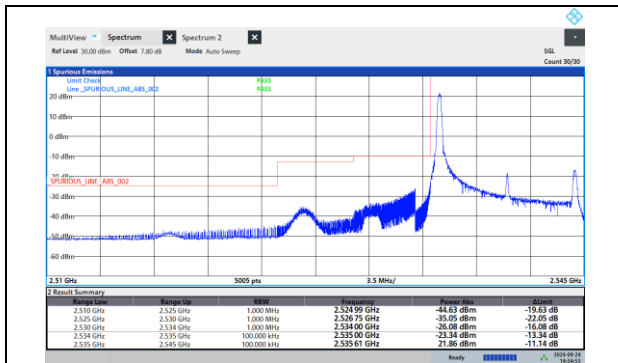
Test Graphs



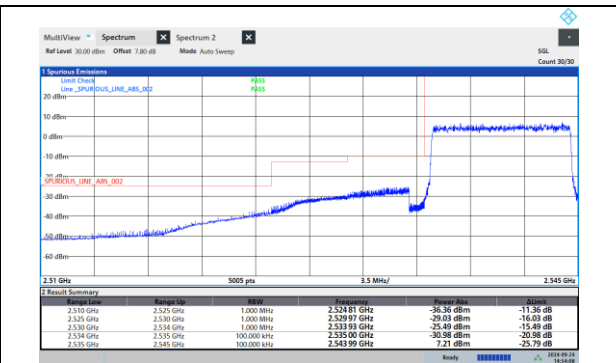


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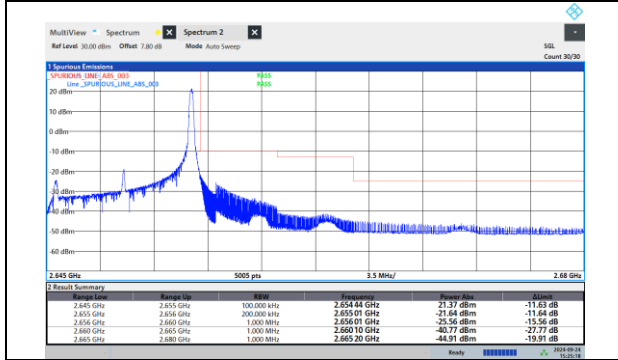
Test Report No.: PSU-QSU2306120115RF05



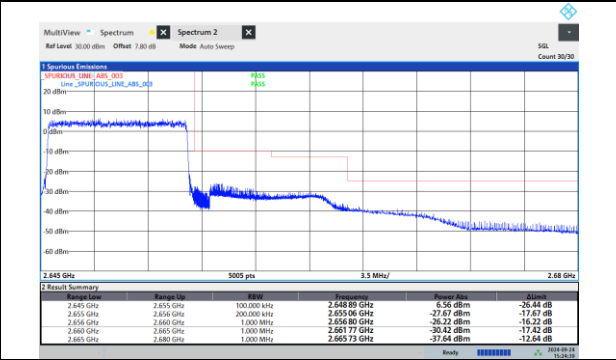
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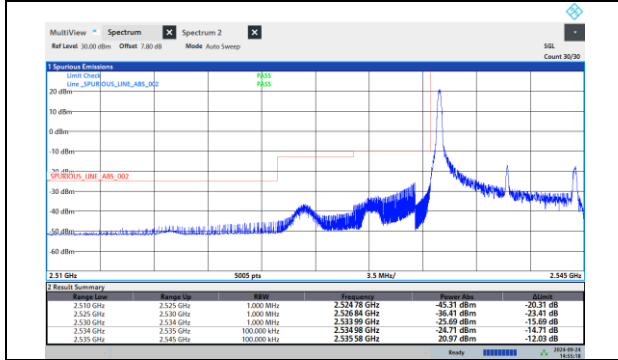
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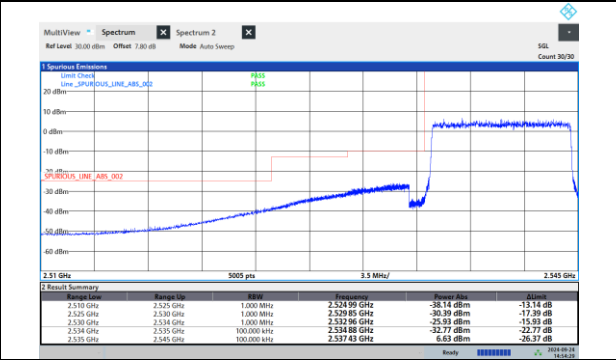
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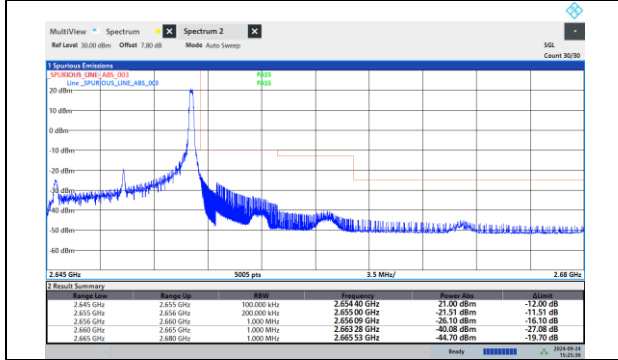
Band41-10MHz-16QAM-39700-50RB#0



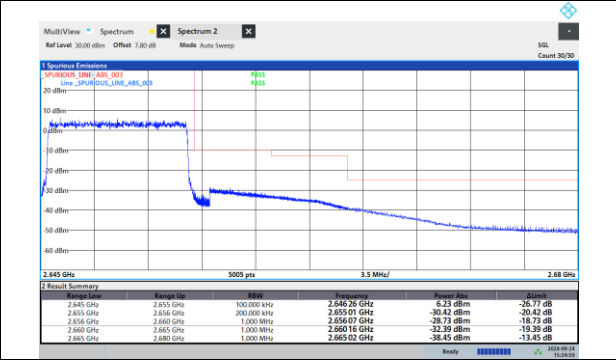
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Band41-10MHz-16QAM-41540-50RB#0



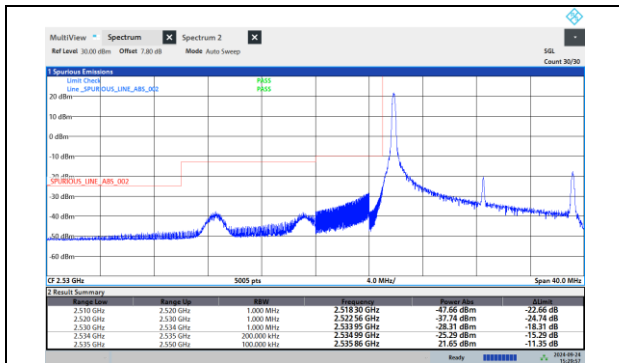
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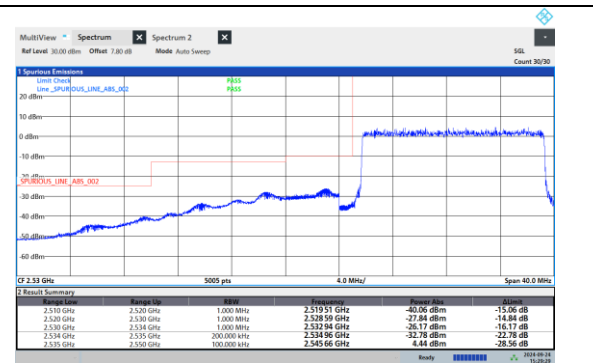
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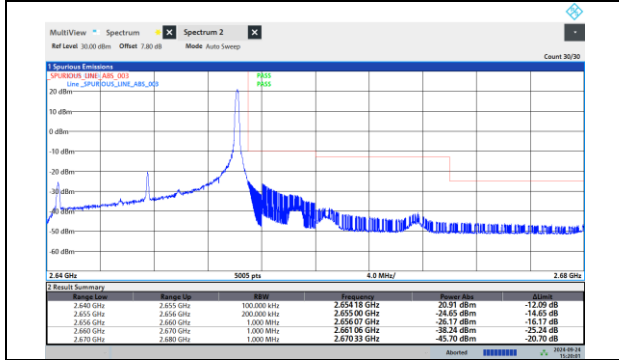
Test Report No.: PSU-QSU2306120115RF05



Band41-15MHz-QPSK-41515-1RB#74



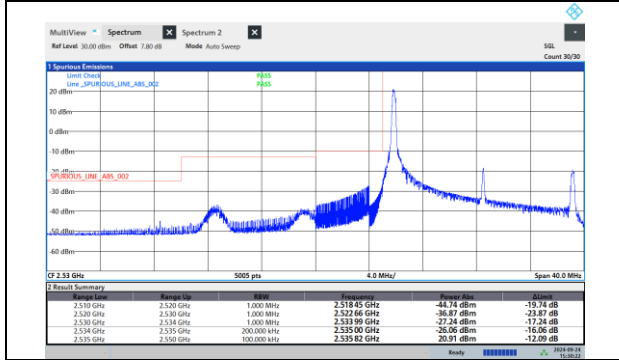
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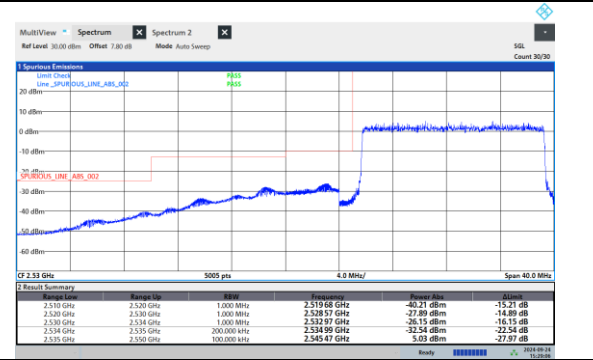
Band41-15MHz-16QAM-39725-1RB#0



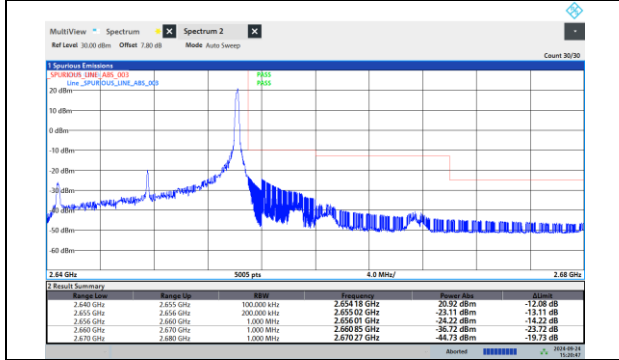
Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-41515-1RB#74



Band41-15MHz-16QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-1RB#0

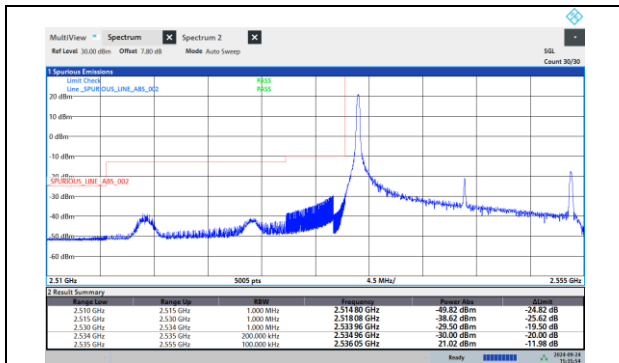


Band41-20MHz-QPSK-39750-100RB#0

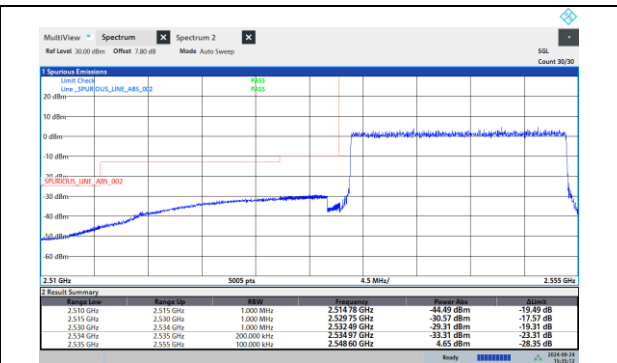


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VERITAS**

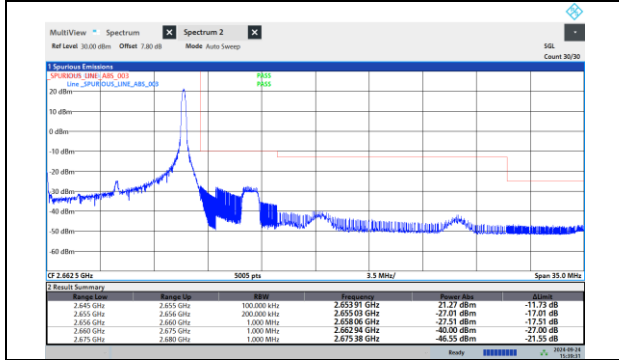
Test Report No.: PSU-QSU2306120115RF05



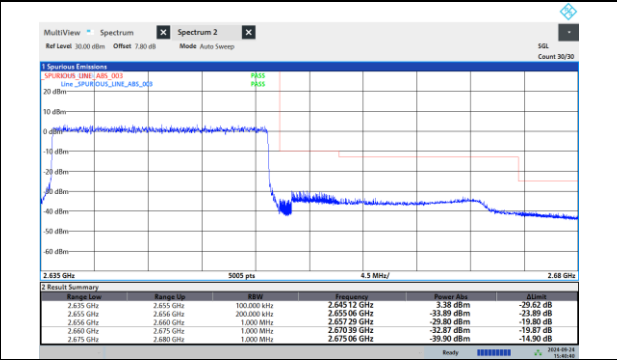
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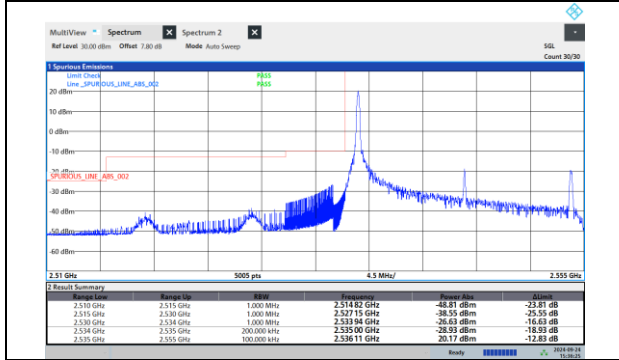
Band41-20MHz-QPSK-41490-100RB#0



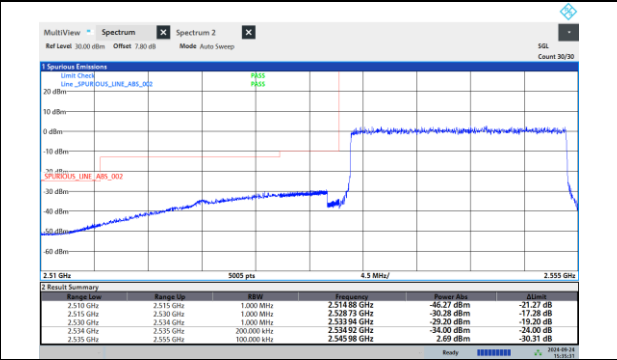
Band41-20MHz-16QAM-39750-1RB#0



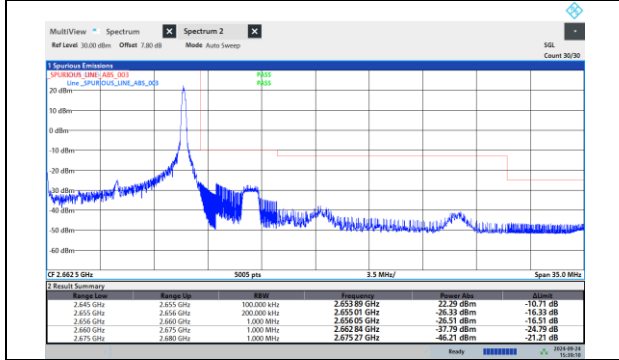
Band41-20MHz-16QAM-39750-100RB#0



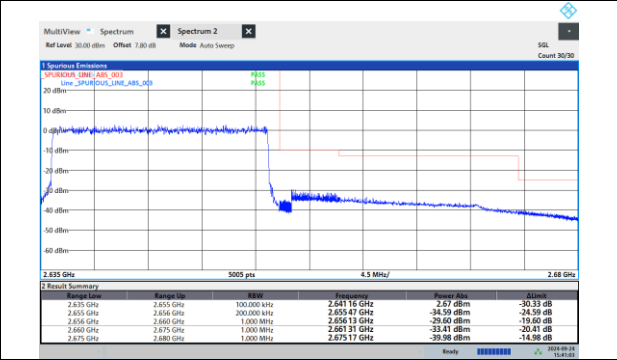
Band41-20MHz-16QAM-41490-1RB#99



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



Band41-20MHz-16QAM-41490-1RB#99



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

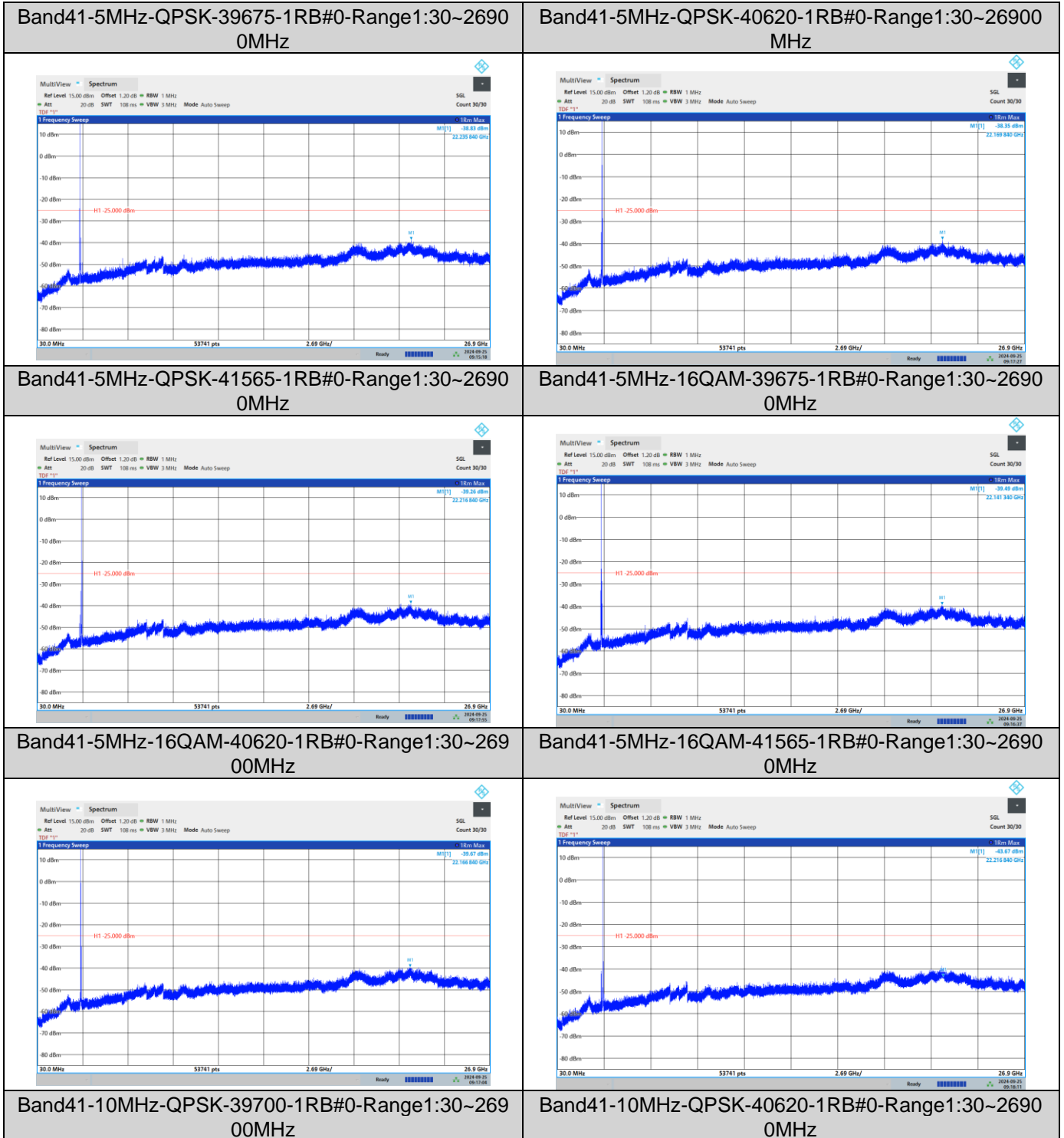


CONDUCTED SPURIOUS EMISSION

Test Result

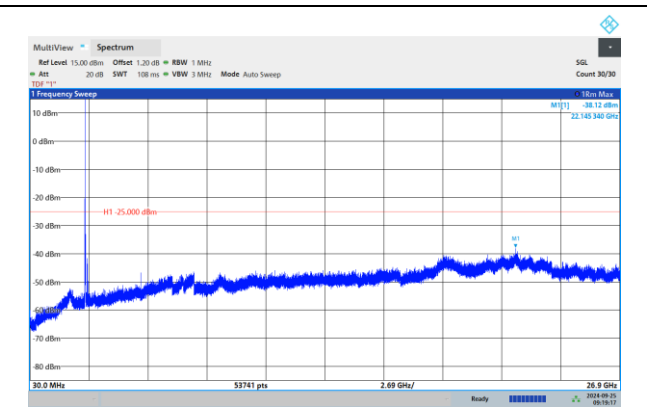
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~26900M Hz	See Graph	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~26900M Hz	See Graph	PASS

Test Graphs

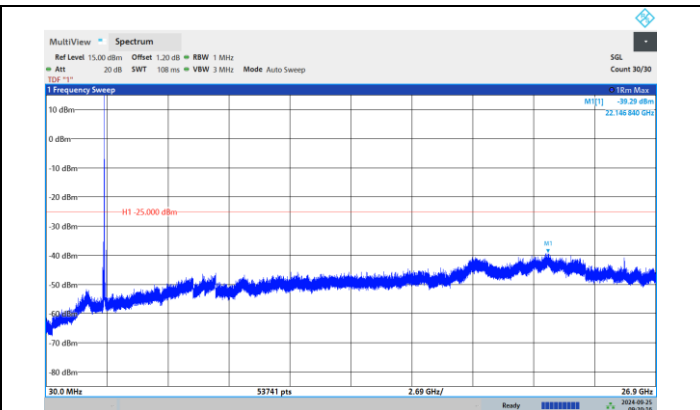




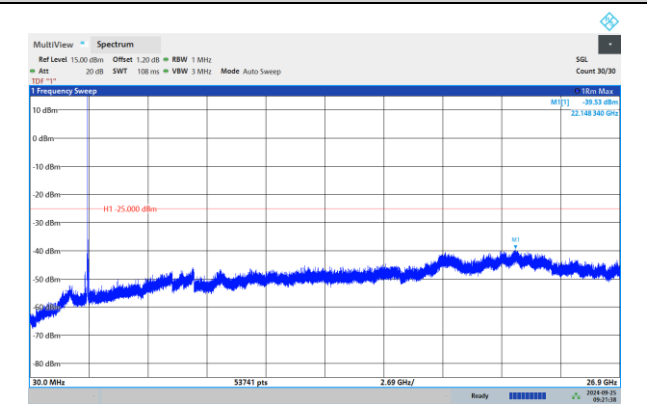
Test Report No.: PSU-QSU2306120115RF05



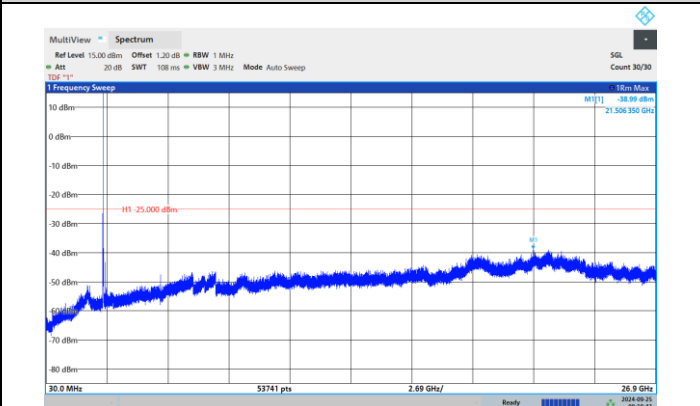
Band41-10MHz-QPSK-41540-1RB#0-Range1:30~26900MHz



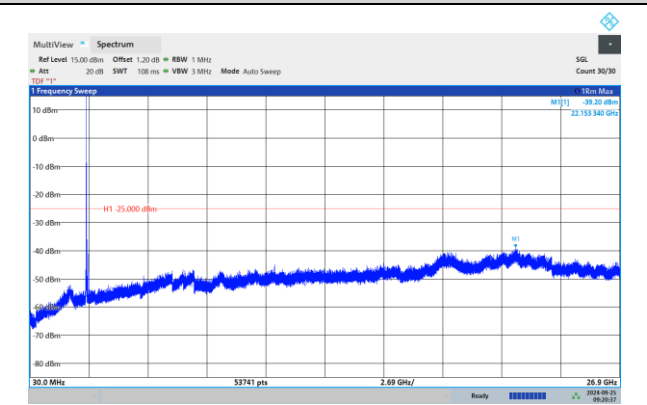
Band41-10MHz-16QAM-39700-1RB#0-Range1:30~26900MHz



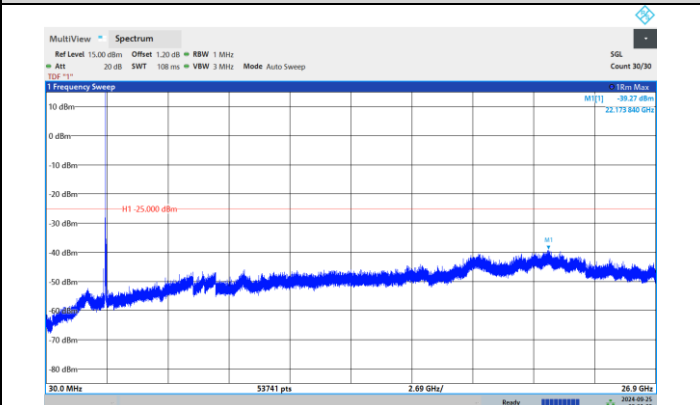
Band41-10MHz-16QAM-40620-1RB#0-Range1:30~26990MHz



Band41-10MHz-16QAM-41540-1RB#0-Range1:30~26900MHz



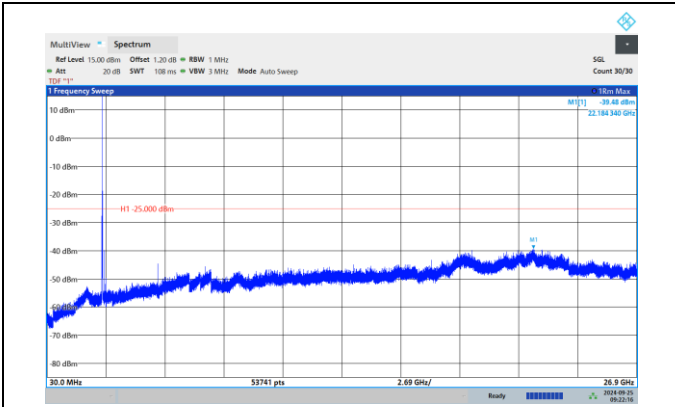
Band41-15MHz-QPSK-39725-1RB#0-Range1:30~26900MHz



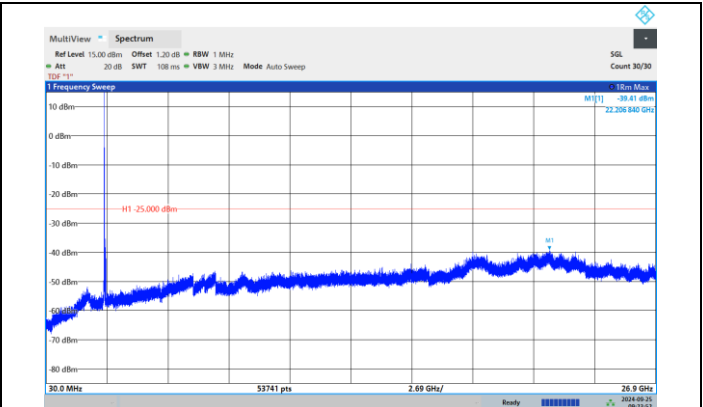
Band41-15MHz-QPSK-40620-1RB#0-Range1:30~2690MHz



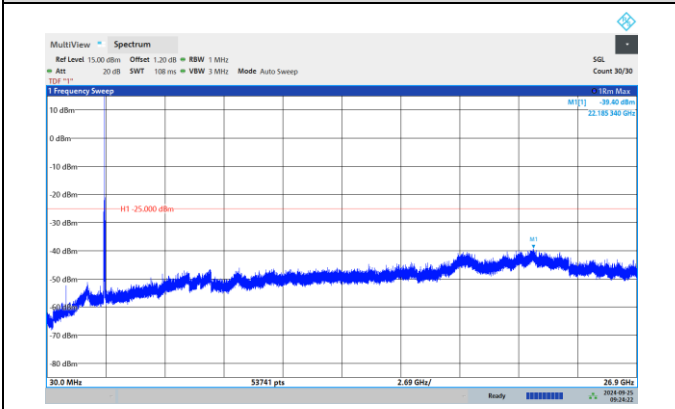
Test Report No.: PSU-QSU2306120115RF05



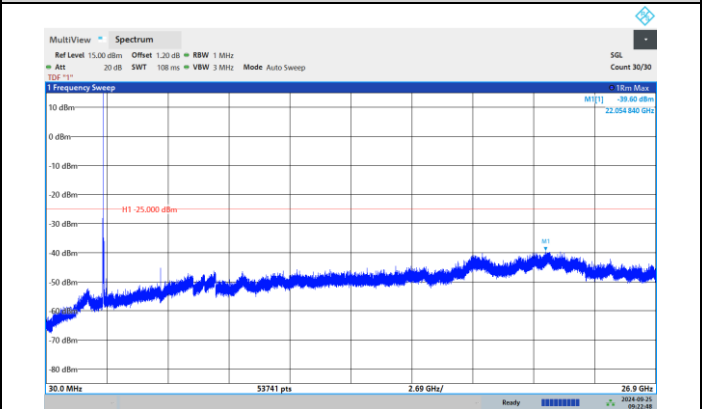
Band41-15MHz-QPSK-41515-1RB#0-Range1:30~26900MHz



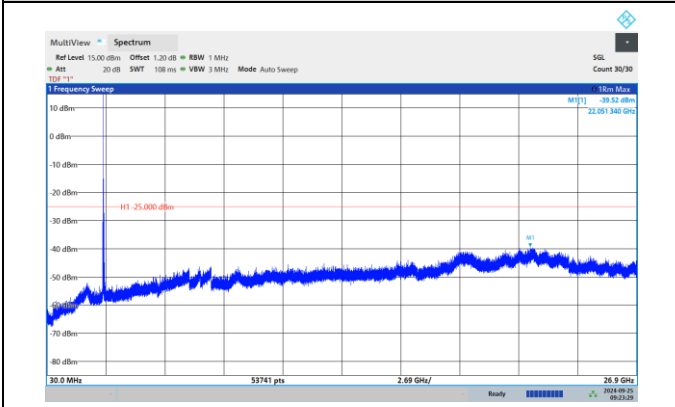
Band41-15MHz-16QAM-39725-1RB#0-Range1:30~26900MHz



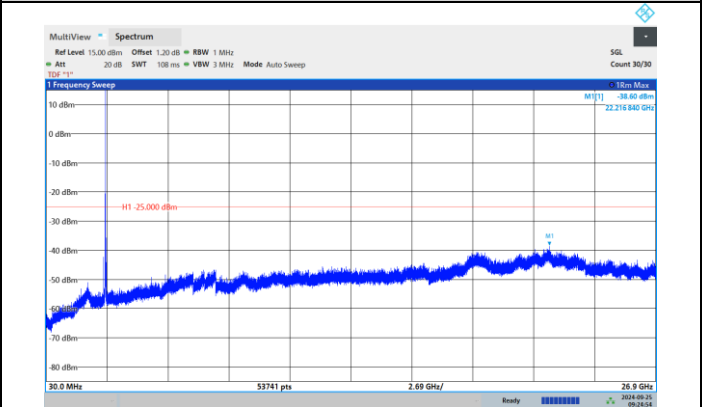
Band41-15MHz-16QAM-40620-1RB#0-Range1:30~26990MHz



Band41-15MHz-16QAM-41515-1RB#0-Range1:30~26900MHz



Band41-20MHz-QPSK-39750-1RB#0-Range1:30~26900MHz

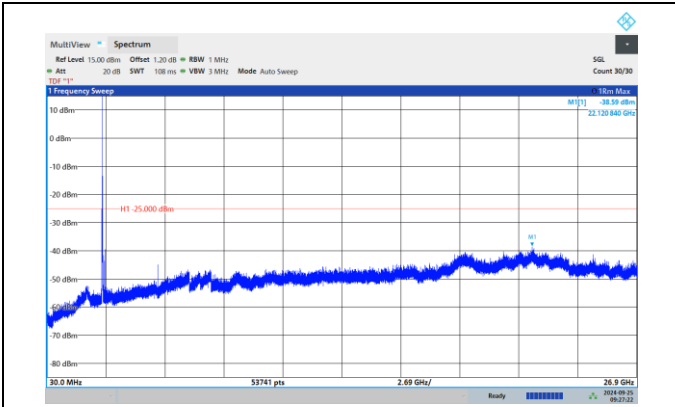


Band41-20MHz-QPSK-40620-1RB#0-Range1:30~2690MHz

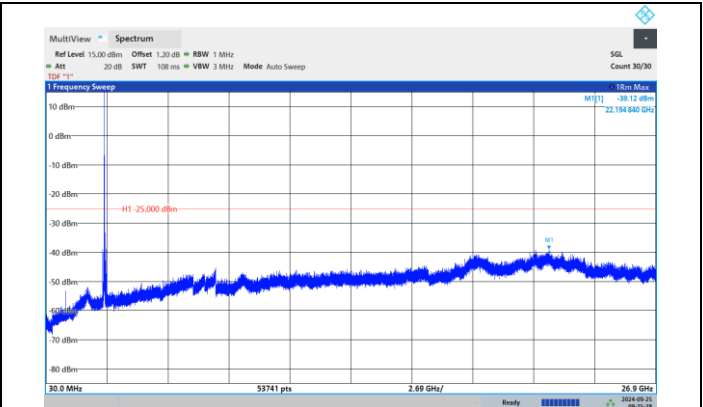


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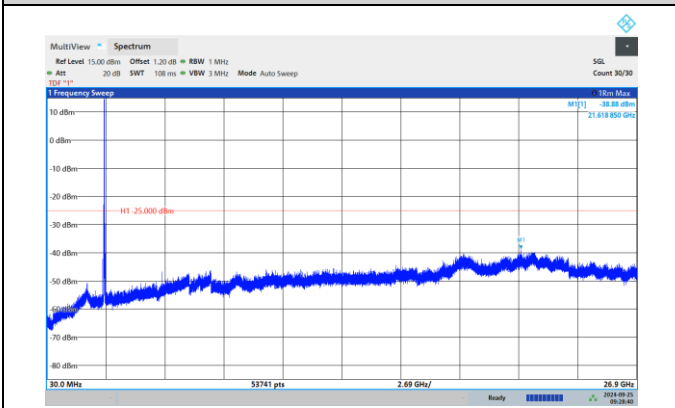
Test Report No.: PSU-QSU2306120115RF05



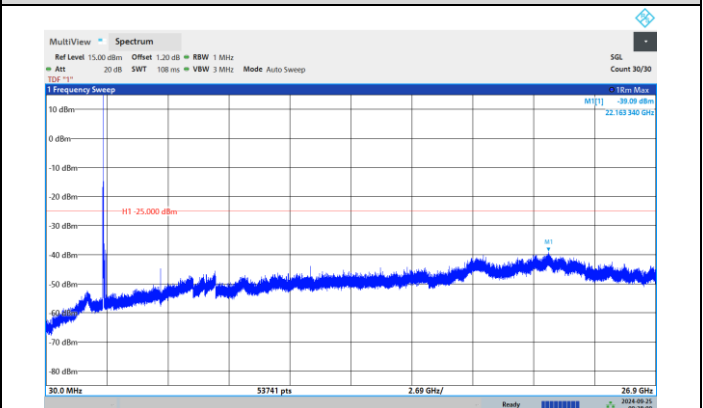
Band41-20MHz-QPSK-41490-1RB#0-Range1:30~26900MHz



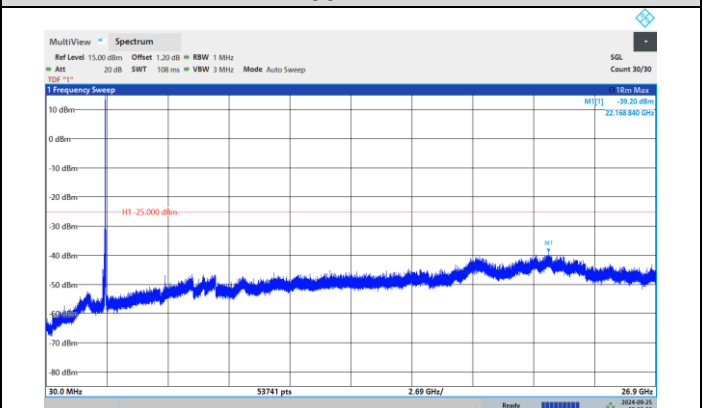
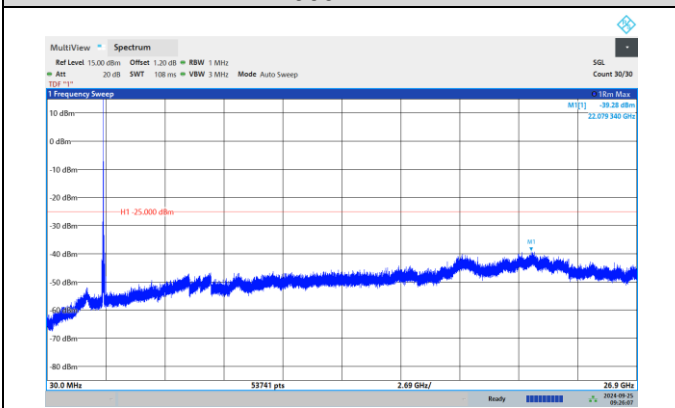
Band41-20MHz-16QAM-39750-1RB#0-Range1:30~26900MHz



Band41-20MHz-16QAM-40620-1RB#0-Range1:30~26900MHz



Band41-20MHz-16QAM-41490-1RB#0-Range1:30~26900MHz





FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
B41	20MHz	QPSK	39750	100RB#0	LV	NT	19.30	0.0077	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	NT	-2.70	-0.0011	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	HV	NT	-19.60	-0.0078	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	LV	NT	-13.50	-0.0052	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	NT	18.20	0.0070	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	HV	NT	-31.90	-0.0123	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	LV	NT	8.90	0.0033	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	NT	-32.70	-0.0122	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	HV	NT	-13.50	-0.0050	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
B41	20MHz	QPSK	39750	100RB#0	NV	-30	-15.20	-0.0061	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	-20	0.90	0.0004	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	-10	2.00	0.0008	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	0	33.20	0.0132	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	10	28.40	0.0113	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	20	-9.30	-0.0037	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	30	-25.20	-0.0101	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	40	31.70	0.0126	±2.5	PASS
B41	20MHz	QPSK	39750	100RB#0	NV	50	-19.90	-0.0079	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	-30	-28.60	-0.0110	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	-20	27.50	0.0106	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	-10	24.80	0.0096	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	0	15.80	0.0061	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	10	34.00	0.0131	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	20	-5.30	-0.0020	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	30	33.40	0.0129	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	40	24.00	0.0093	±2.5	PASS
B41	20MHz	QPSK	40620	100RB#0	NV	50	10.80	0.0042	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	-30	-27.10	-0.0101	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	-20	10.10	0.0038	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	-10	-20.60	-0.0077	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	0	-3.80	-0.0014	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	10	21.90	0.0082	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	20	-5.50	-0.0021	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	30	14.90	0.0056	±2.5	PASS



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B41	20MHz	QPSK	41490	100RB#0	NV	40	28.40	0.0106	±2.5	PASS
B41	20MHz	QPSK	41490	100RB#0	NV	50	-27.20	-0.0101	±2.5	PASS

--END--