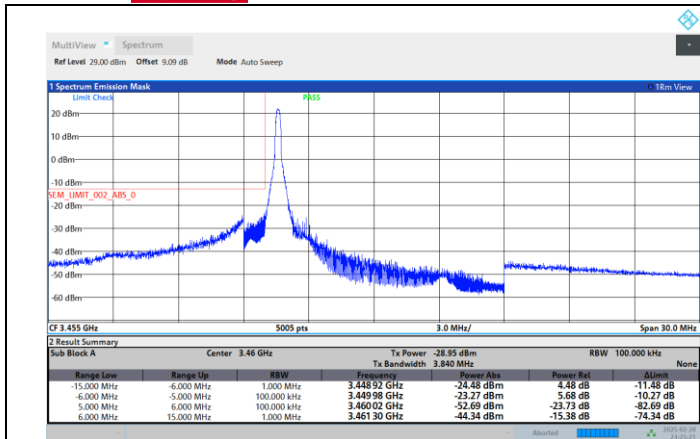
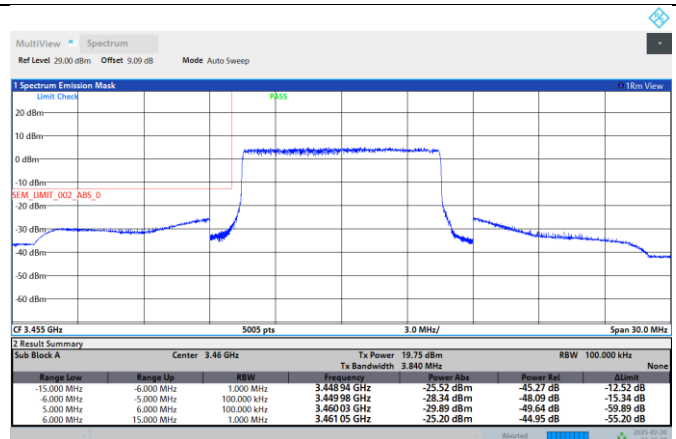
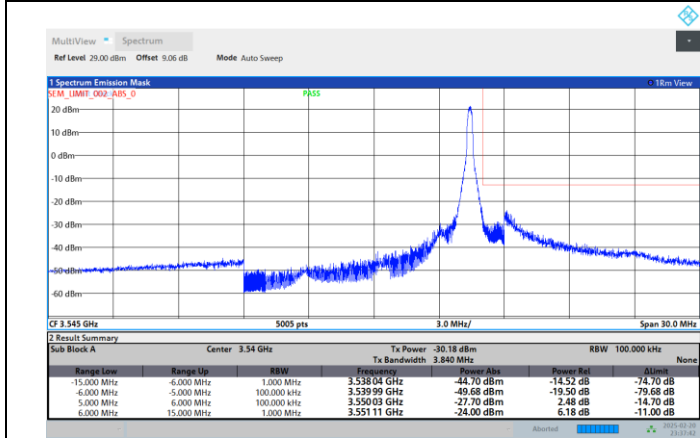




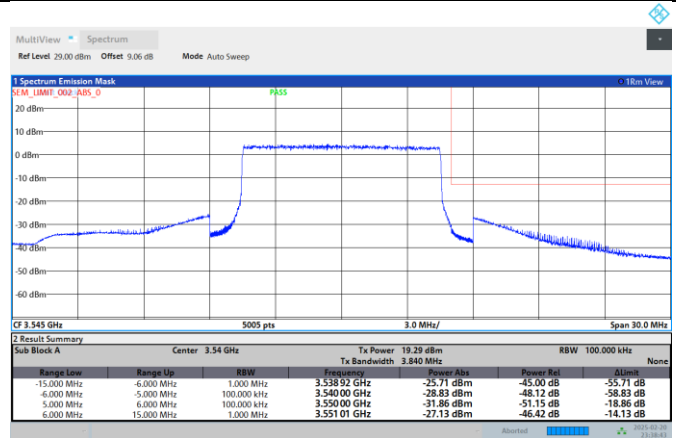
Band42-10MHz-QPSK-43040-1RB#49



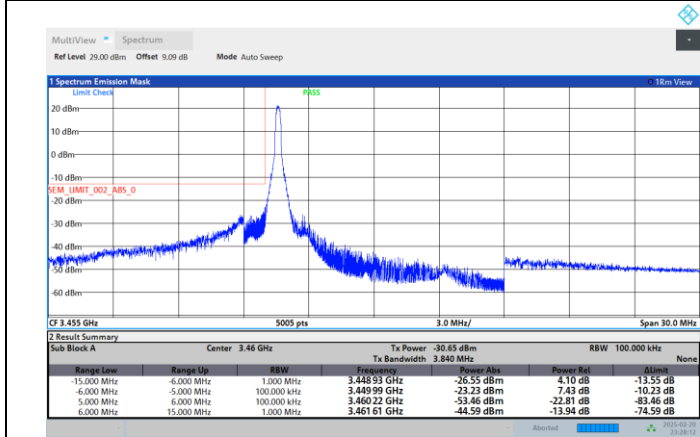
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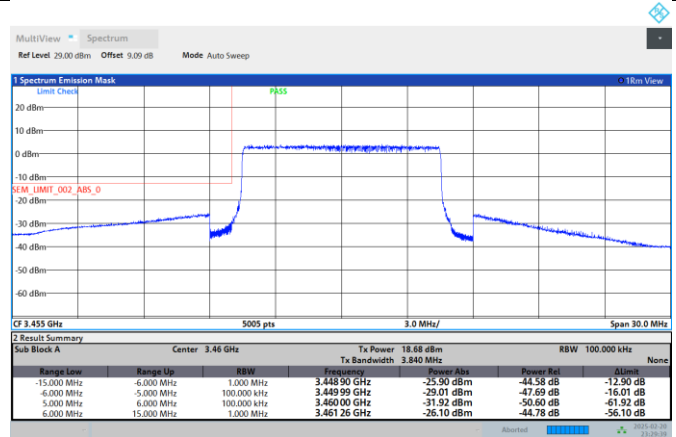
Band42-10MHz-16QAM-42140-1RB#0



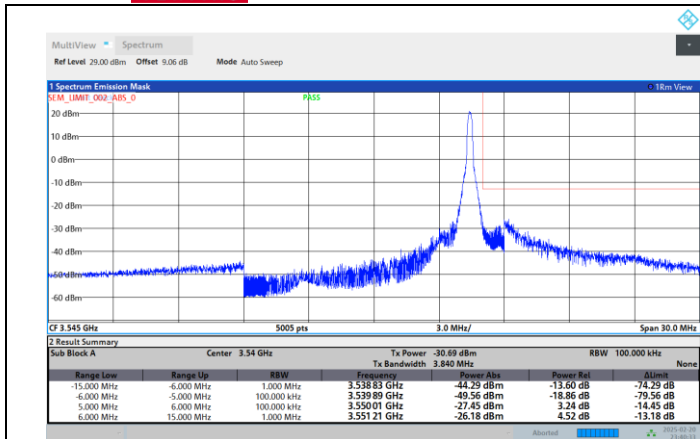
Band42-10MHz-16QAM-42140-50RB#0



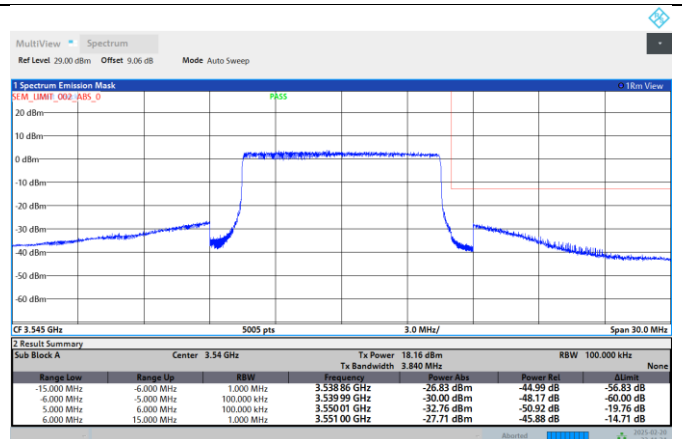
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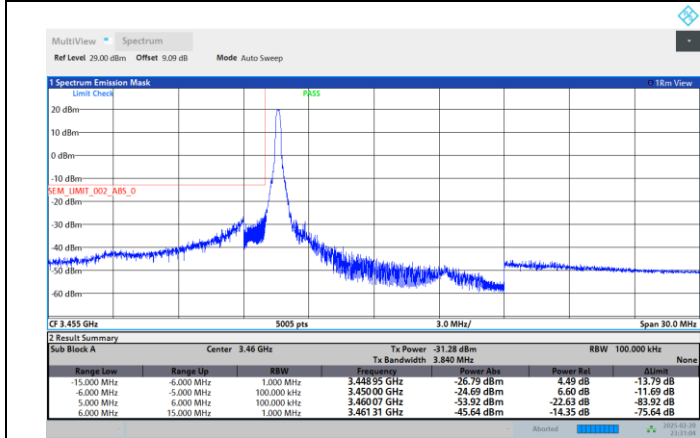
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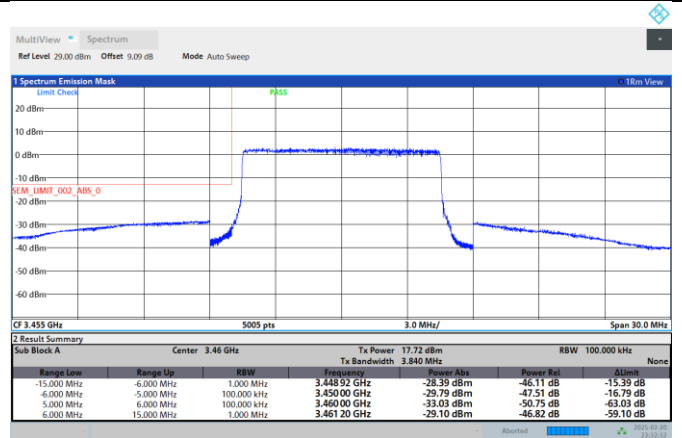
Band42-10MHz-64QAM-42140-1RB#0



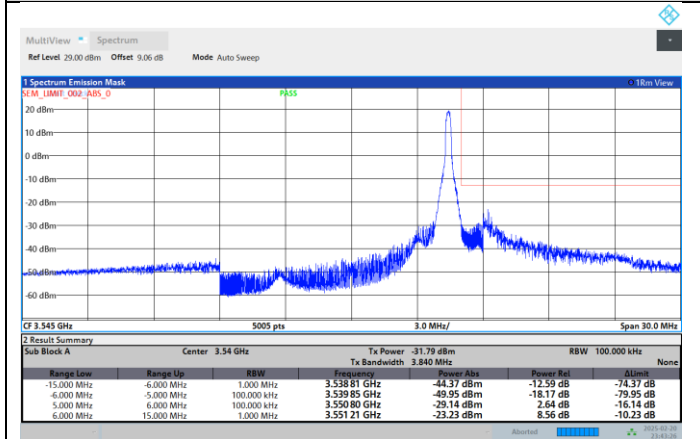
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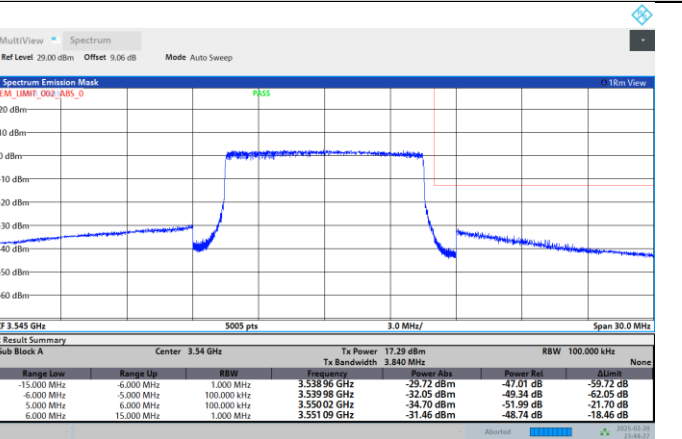
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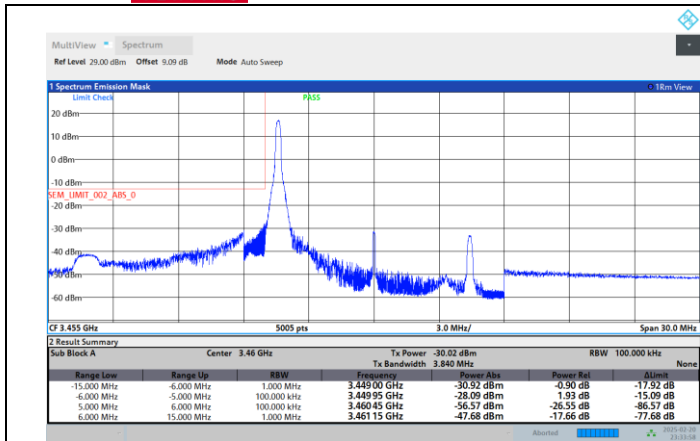
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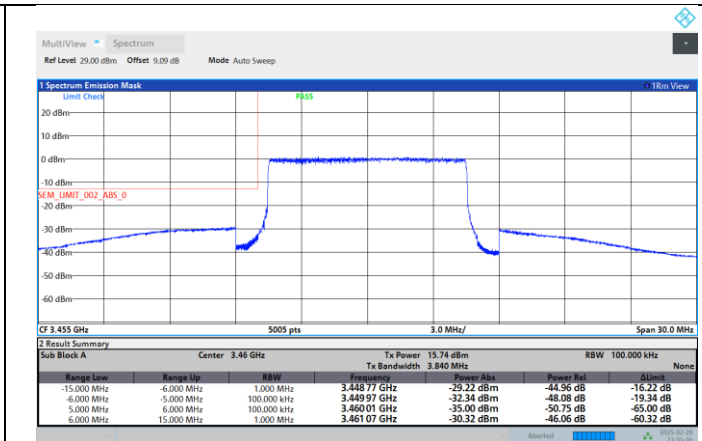
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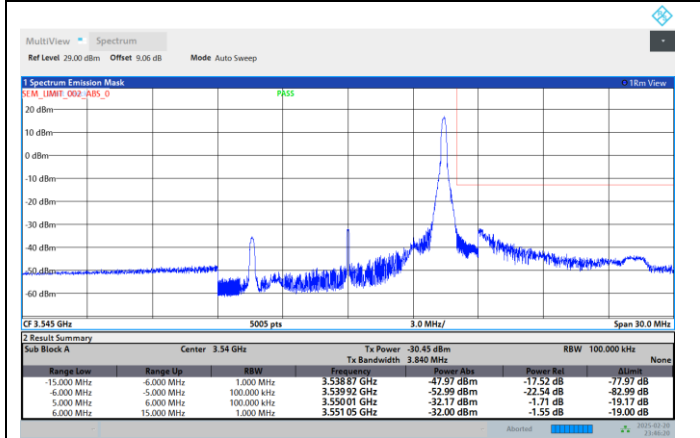
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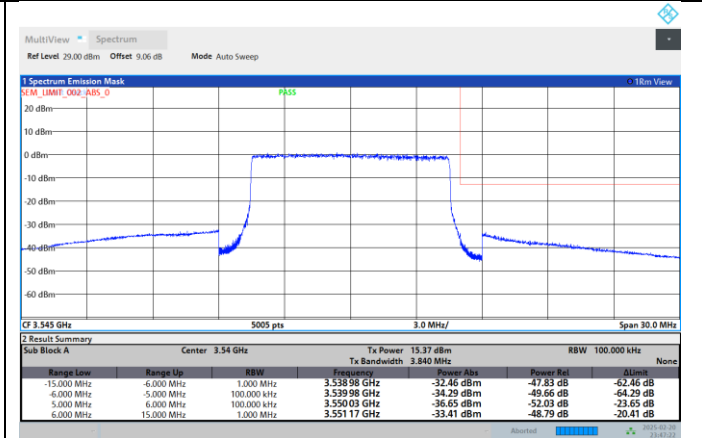
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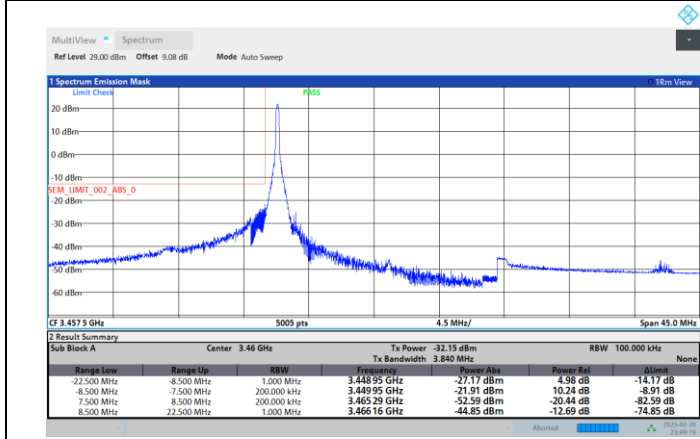
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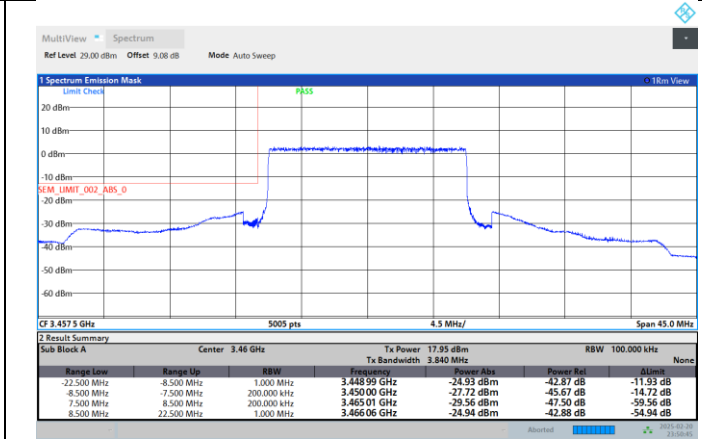
Band42-15MHz-QPSK-42165-1RB#0



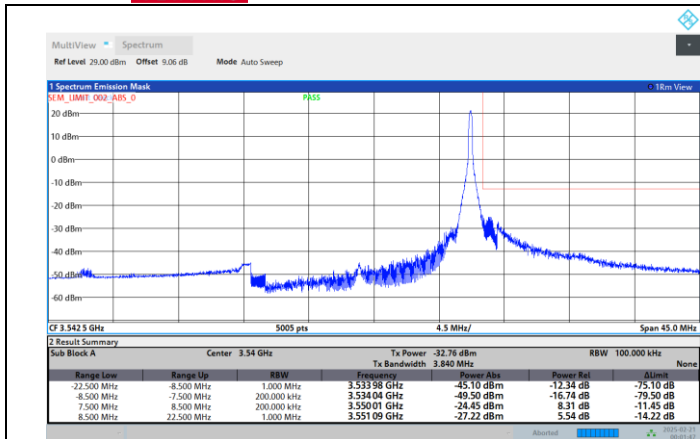
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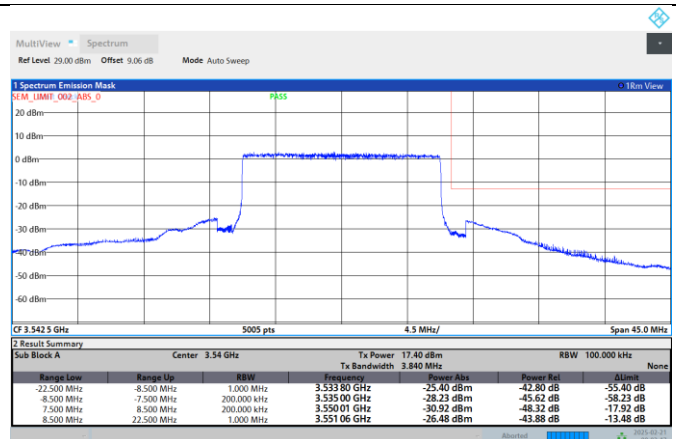
Band42-15MHz-QPSK-43015-1RB#74



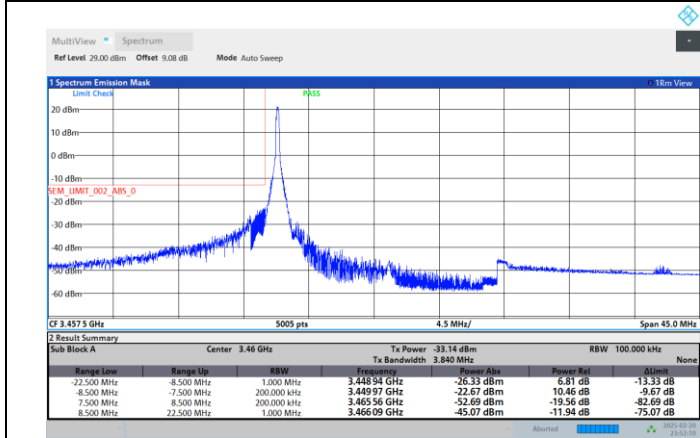
Band42-15MHz-QPSK-43015-75RB#0



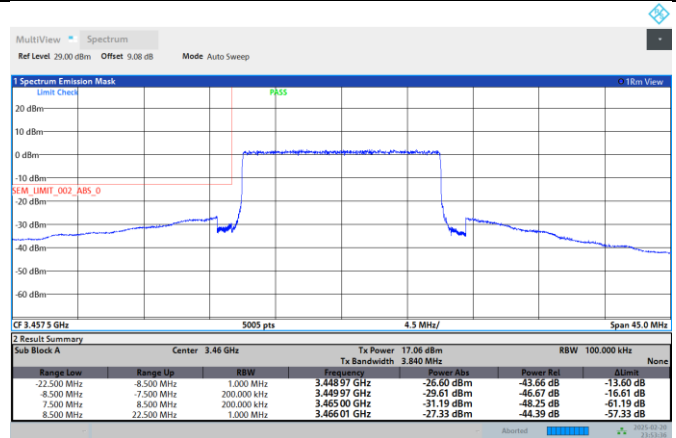
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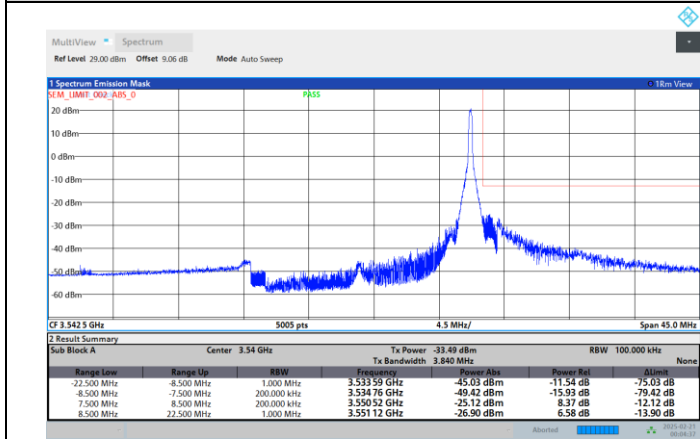
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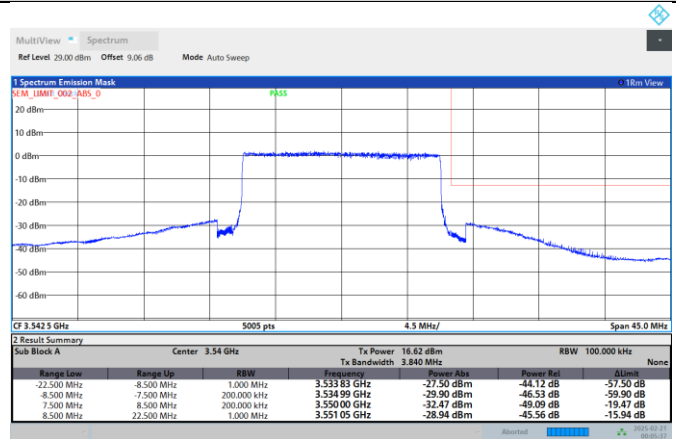
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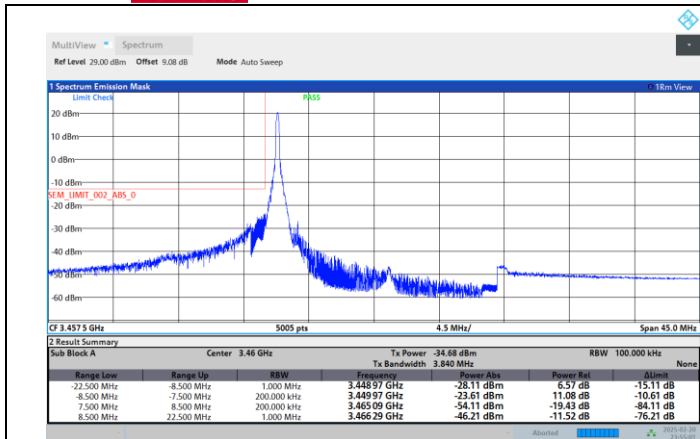
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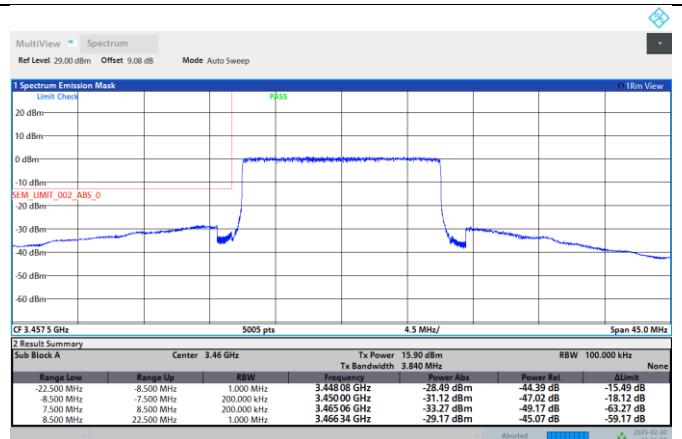
Band42-15MHz-64QAM-42165-1RB#0



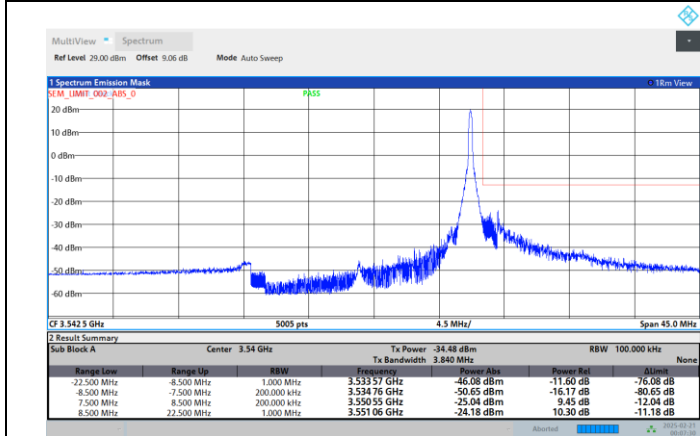
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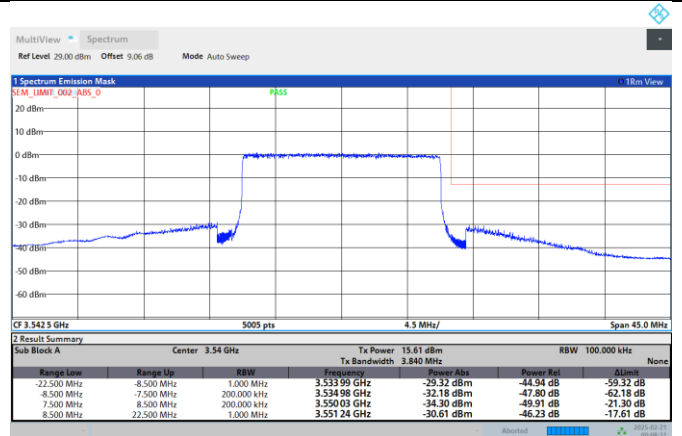
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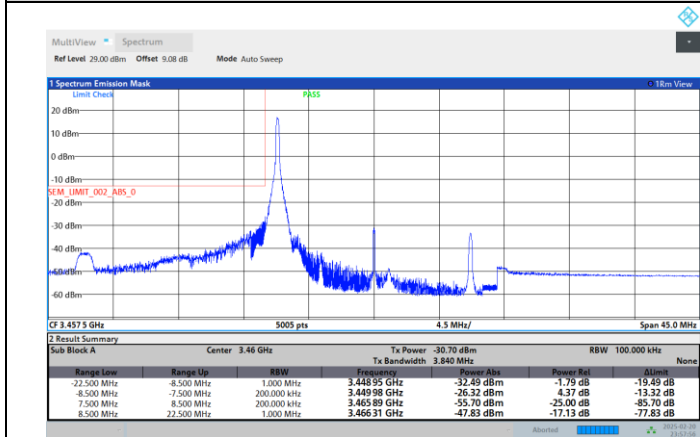
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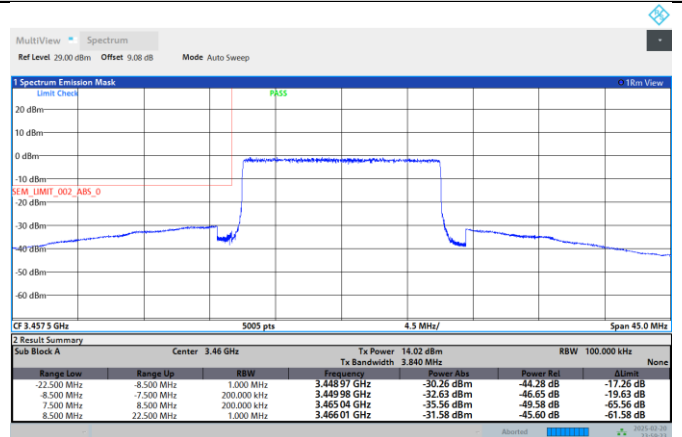
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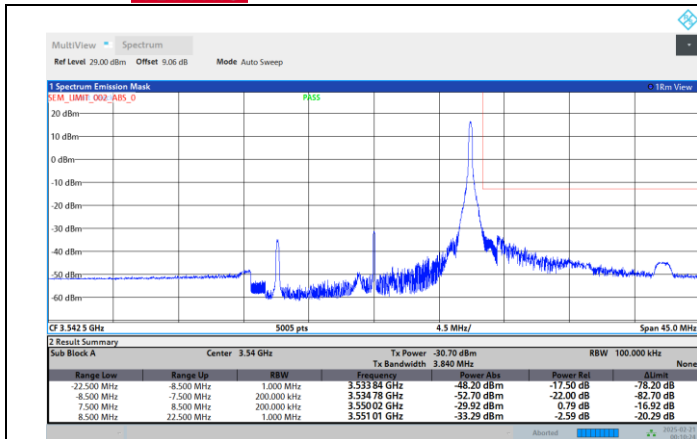
Band42-15MHz-256QAM-42165-75RB#0



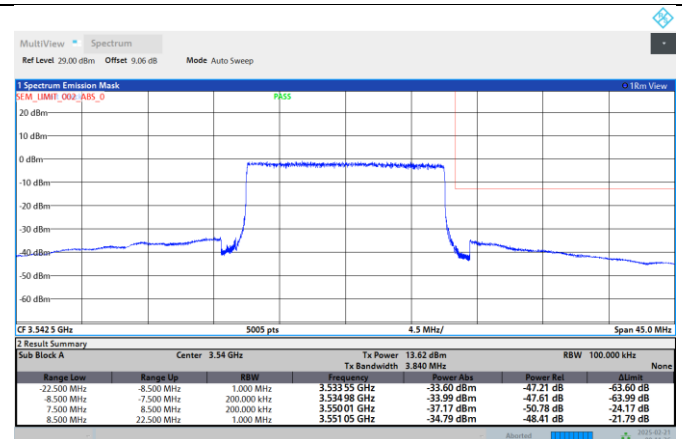
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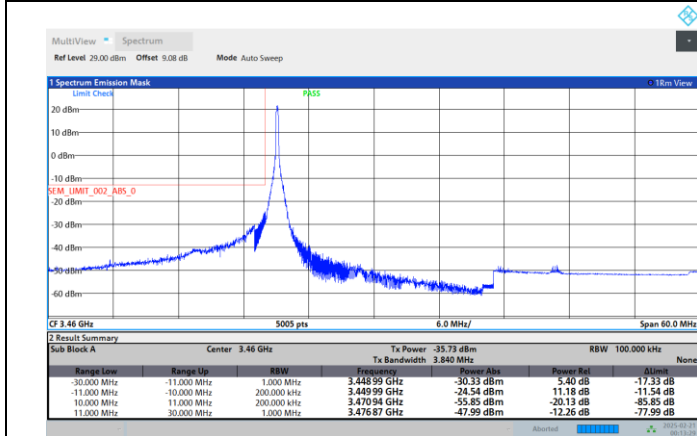
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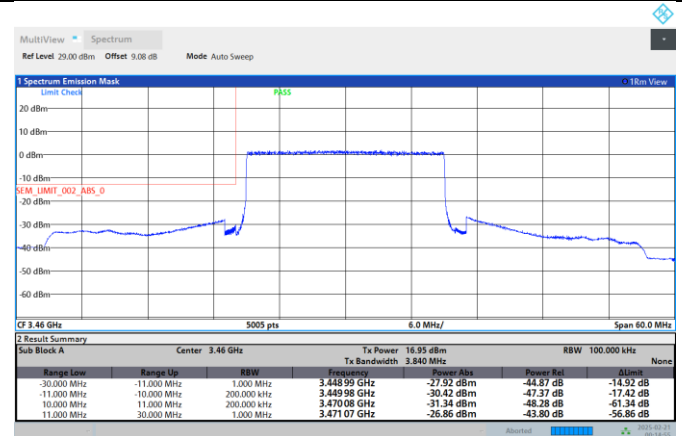
Band42-20MHz-QPSK-42190-1RB#0



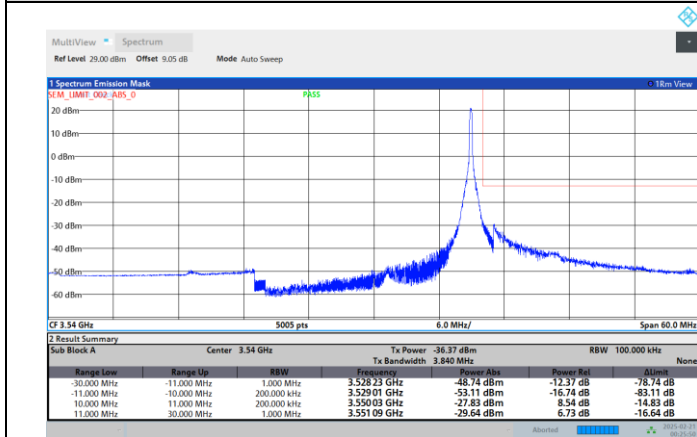
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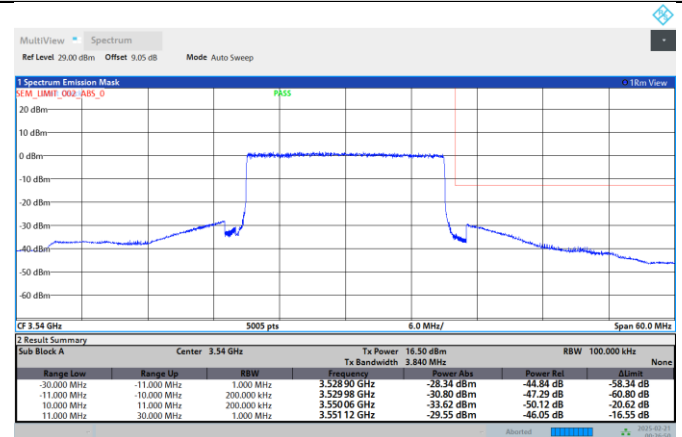
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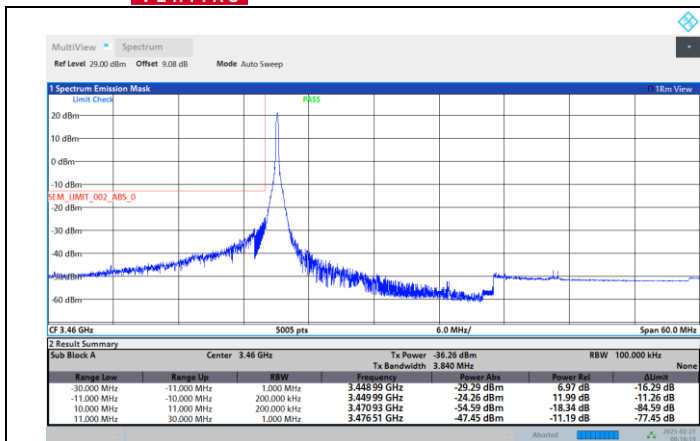
Band42-20MHz-QPSK-42990-100RB#0



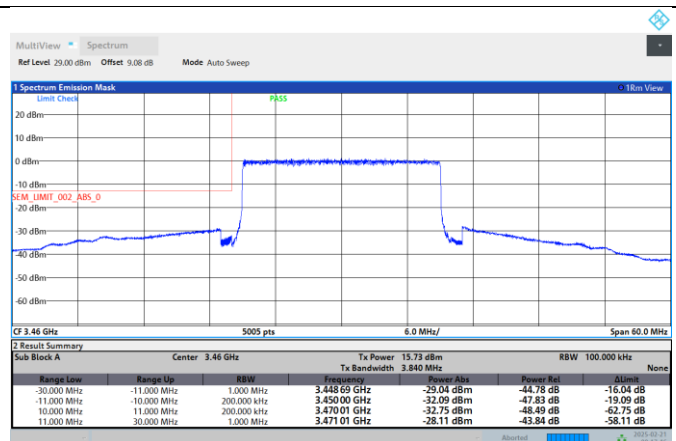
Band42-20MHz-16QAM-42190-1RB#0



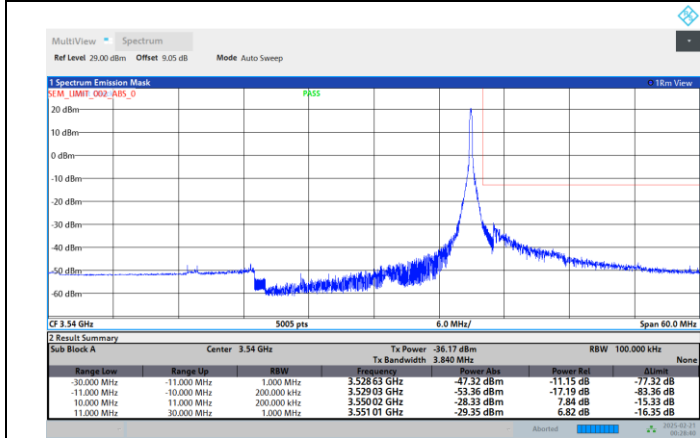
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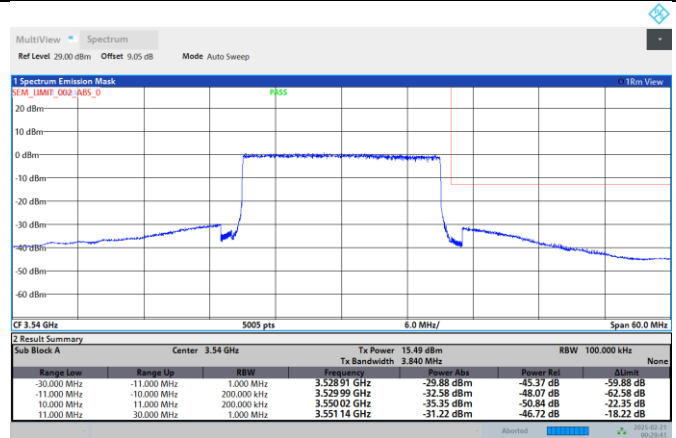
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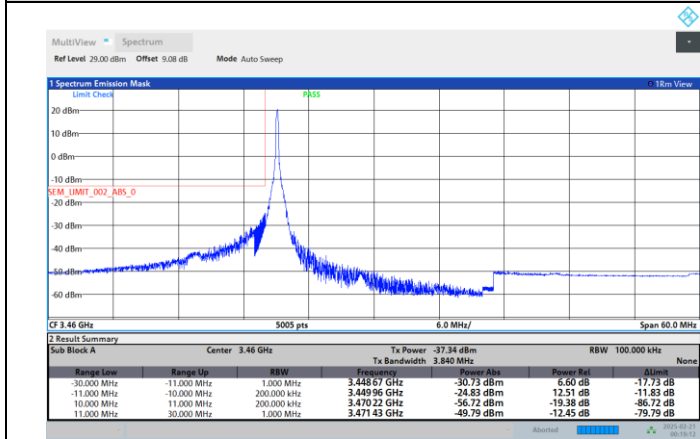
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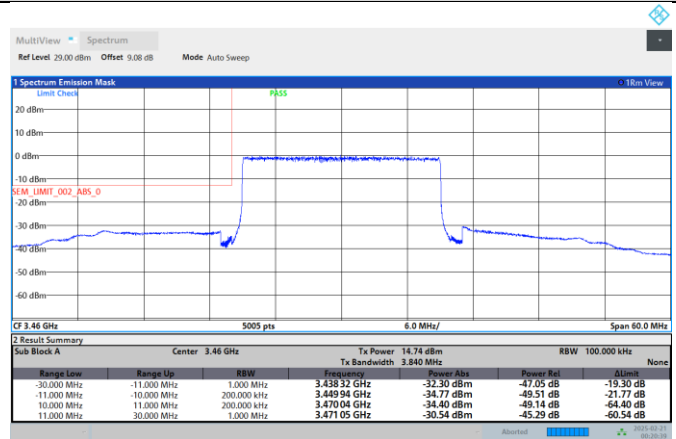
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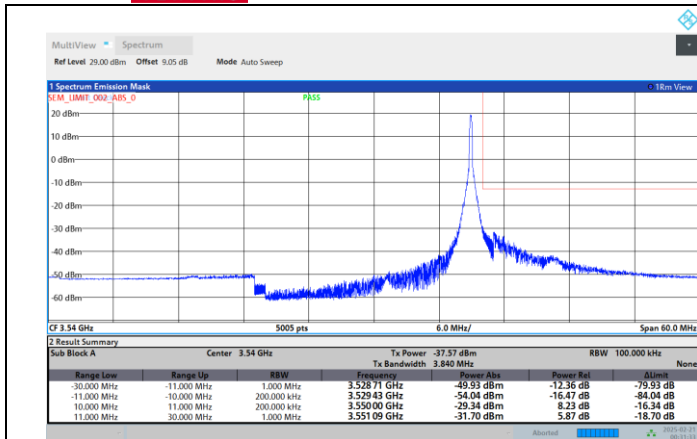
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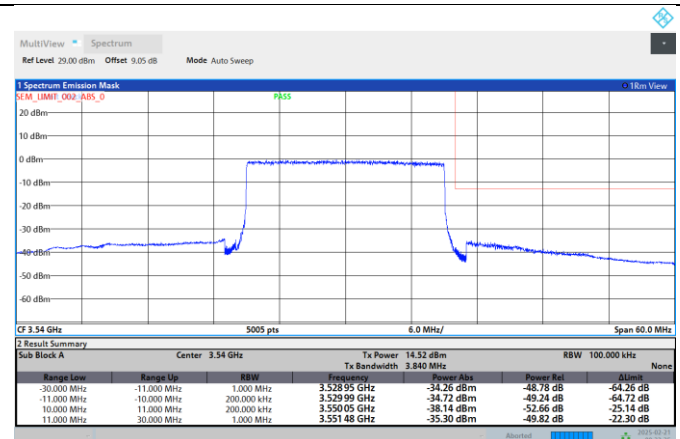
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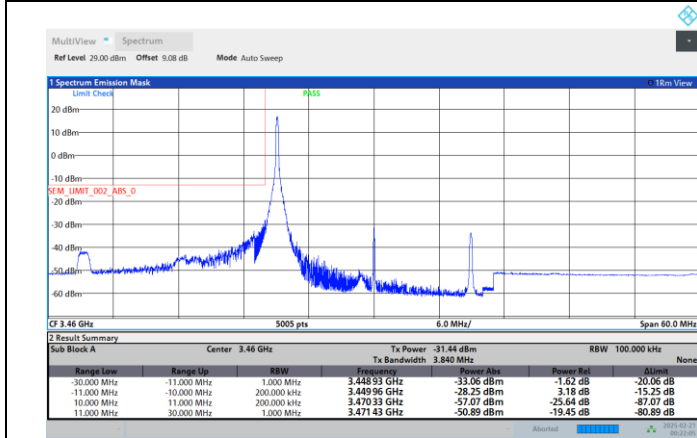
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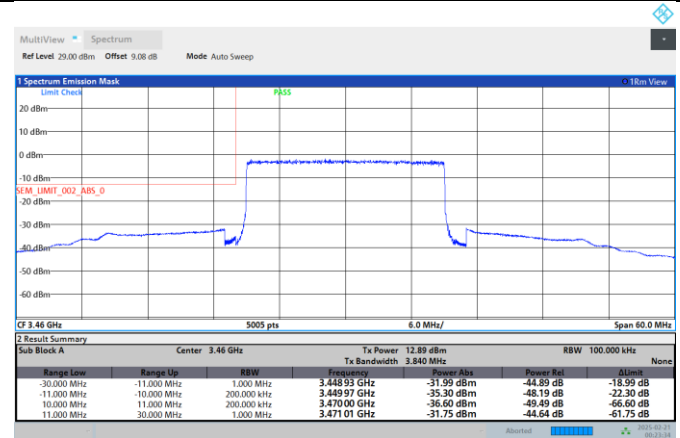
Band42-20MHz-256QAM-42190-1RB#0



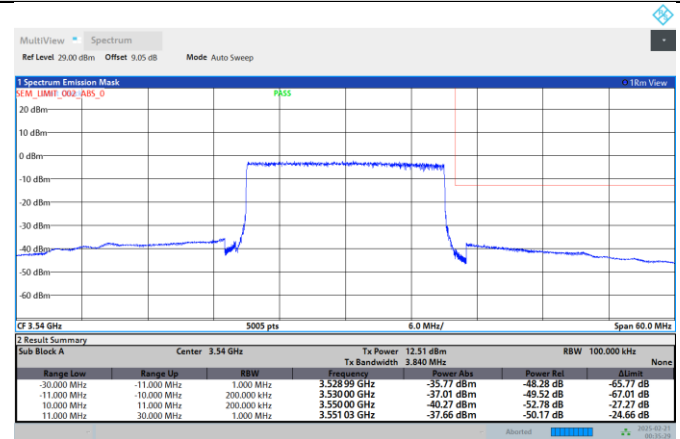
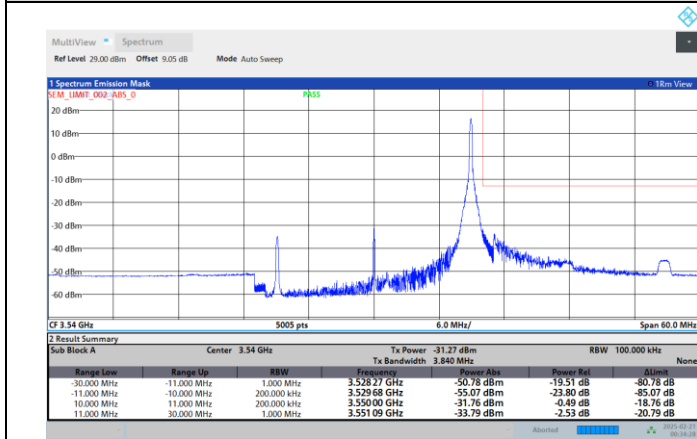
Band42-20MHz-256QAM-42190-100RB#0



Band42-20MHz-256QAM-42990-1RB#99



Band42-20MHz-256QAM-42990-100RB#0





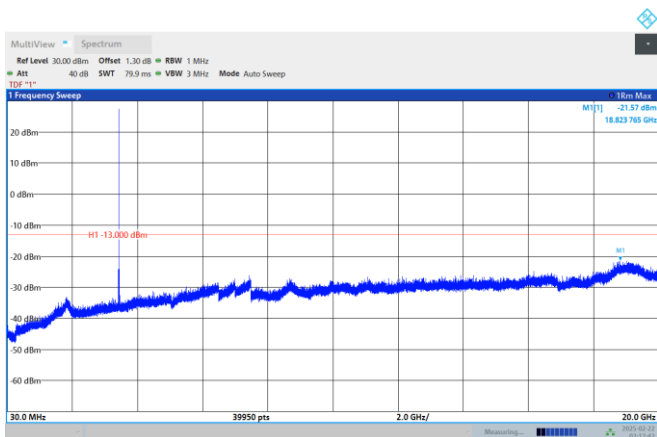
BUREAU VERITAS Test Report No.: PSZ-QBJ2501200112RF04
CONDUCTED SPURIOUS EMISSION

Test Result

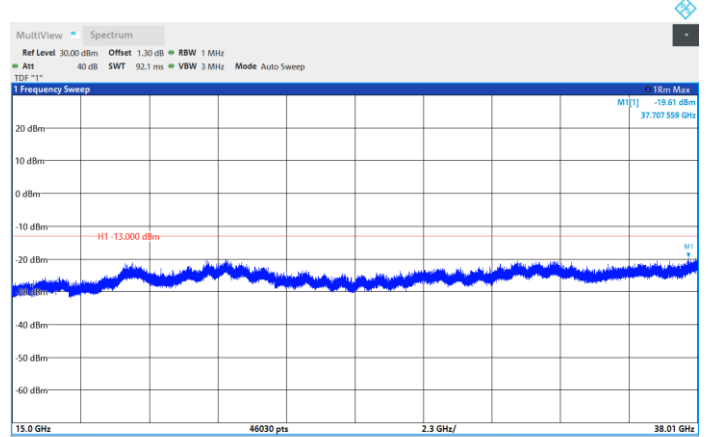
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band42	5MHz	QPSK	42115	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	5MHz	QPSK	42115	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	5MHz	QPSK	42590	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	5MHz	QPSK	42590	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	5MHz	QPSK	43065	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	5MHz	QPSK	43065	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	10MHz	QPSK	42140	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	10MHz	QPSK	42140	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	10MHz	QPSK	42590	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	10MHz	QPSK	42590	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	10MHz	QPSK	43040	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	10MHz	QPSK	43040	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	15MHz	QPSK	42165	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	15MHz	QPSK	42165	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	15MHz	QPSK	42590	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	15MHz	QPSK	42590	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	15MHz	QPSK	43015	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	15MHz	QPSK	43015	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	20MHz	QPSK	42190	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	20MHz	QPSK	42190	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	20MHz	QPSK	42590	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	20MHz	QPSK	42590	1RB#0	Range:15000~38010MHz	See Graph	PASS
Band42	20MHz	QPSK	42990	1RB#0	Range:30~20000MHz	See Graph	PASS
Band42	20MHz	QPSK	42990	1RB#0	Range:15000~38010MHz	See Graph	PASS

Test Graphs

Band42-5MHz-QPSK-42115-1RB#0-Range:30~20000MHz



Band42-5MHz-QPSK-42115-1RB#0-Range:15000~38010MHz



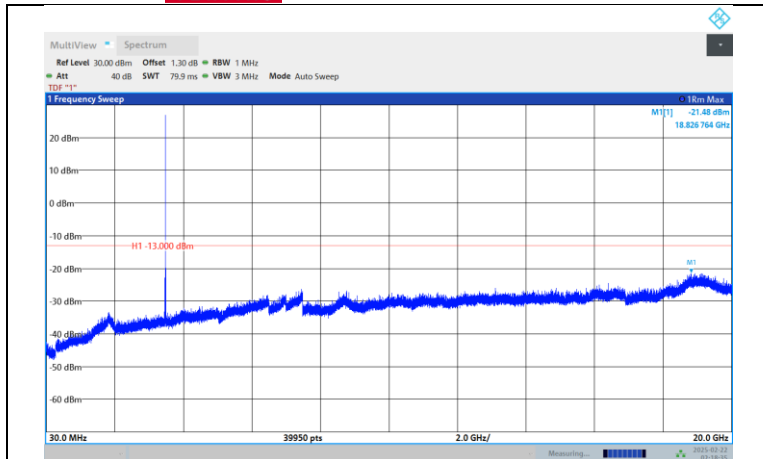
Band42-5MHz-QPSK-42590-1RB#0-Range:30~20000MHz

Band42-5MHz-QPSK-42590-1RB#0-Range:15000~38010MHz

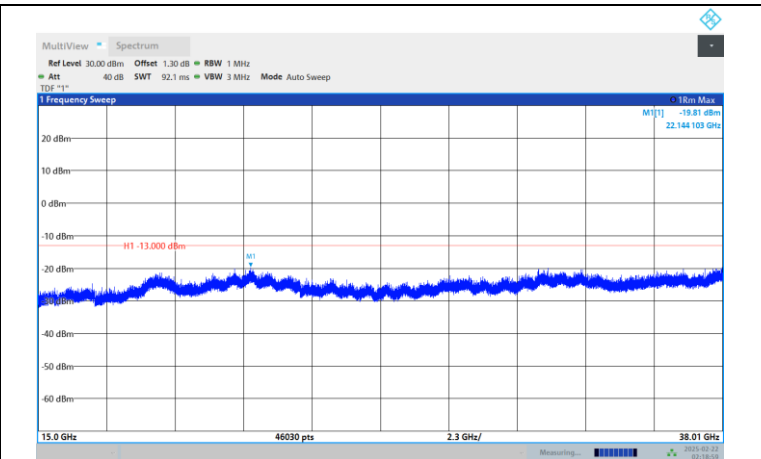
Huarui 7layers High Technology
(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech District,
Suzhou City, Anhui Province

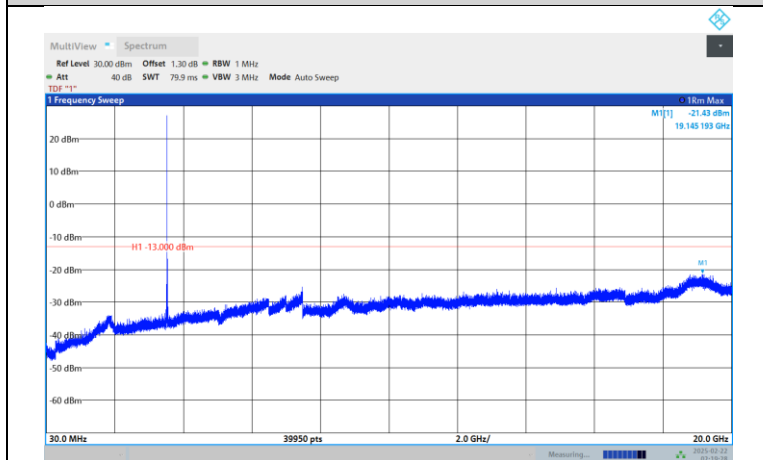
Tel: +86 (0557)
368 1008



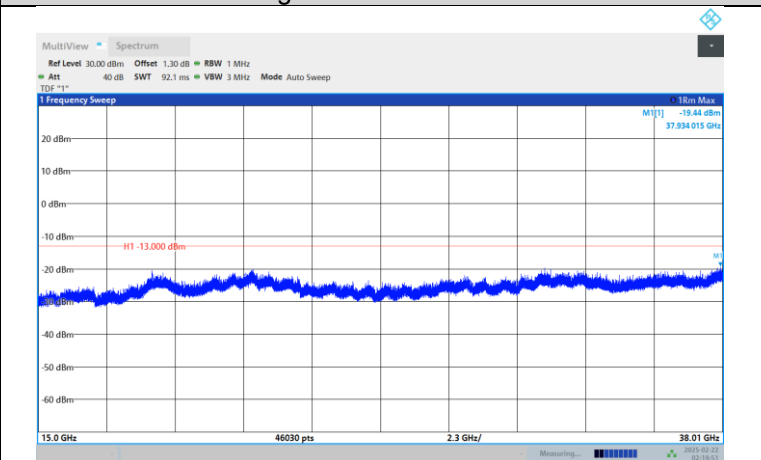
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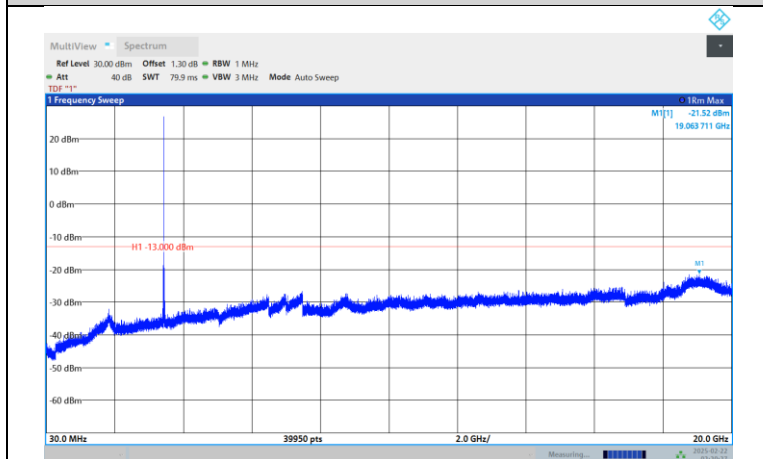
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Range:15000~38010MHz



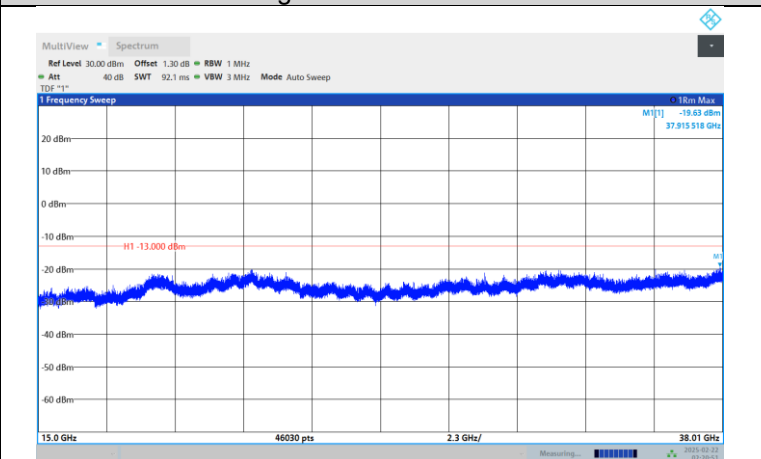
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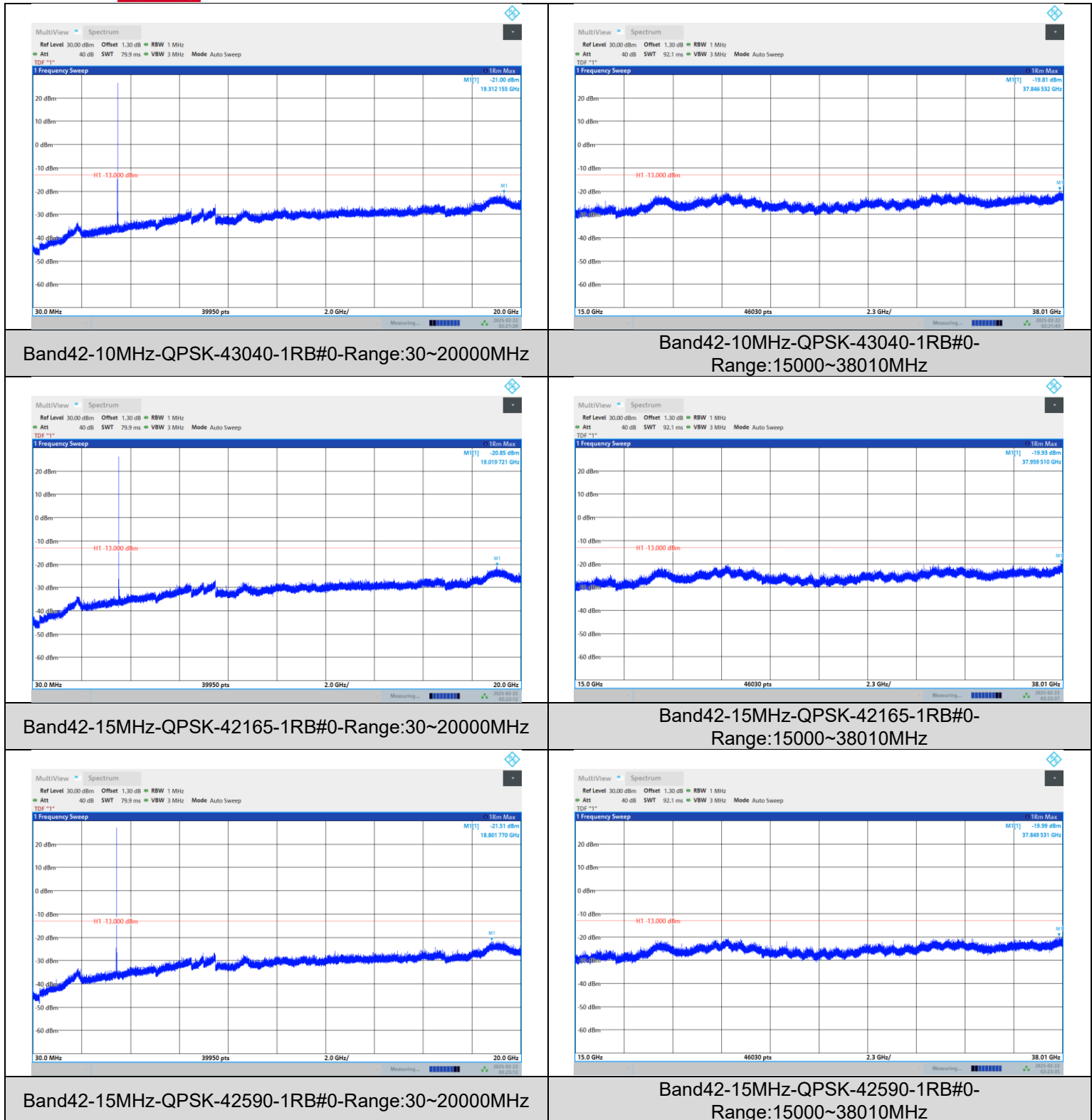
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Range:15000~38010MHz

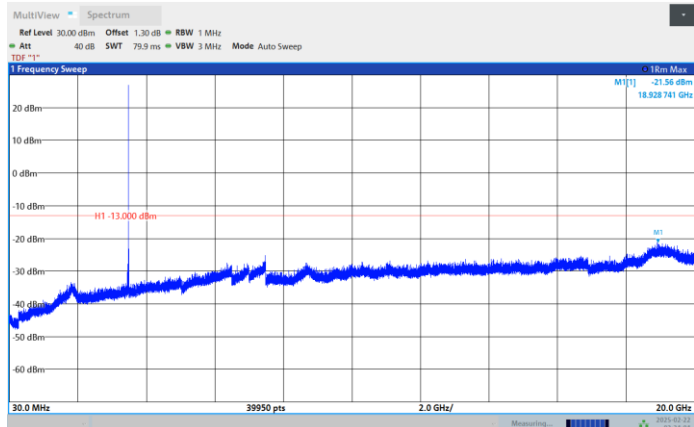


Band42-10MHz-QPSK-42590-1RB#0-Range:30~20000MHz

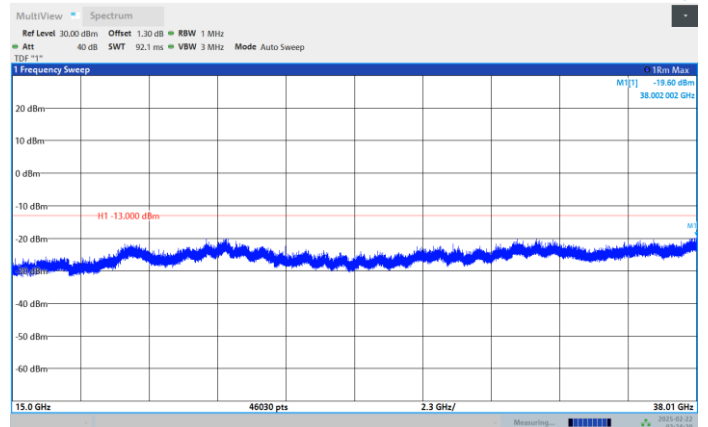


Band42-10MHz-QPSK-42590-1RB#0-
Range:15000~38010MHz

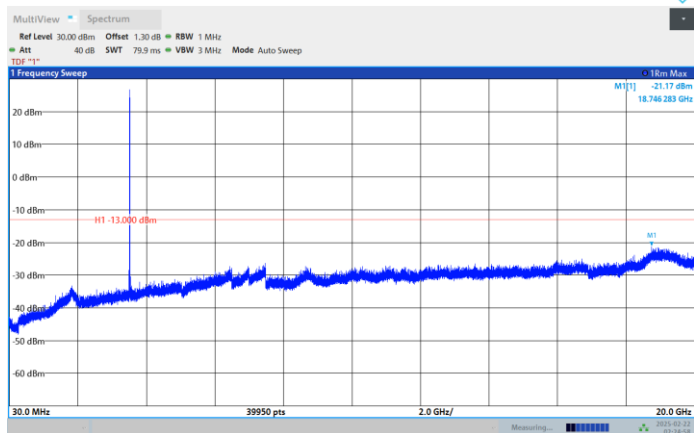




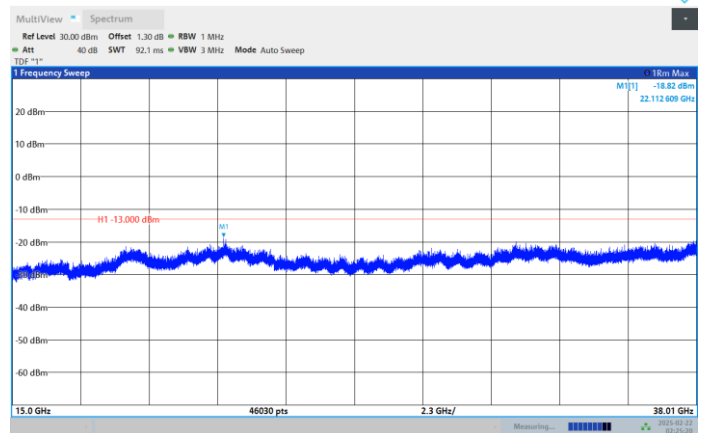
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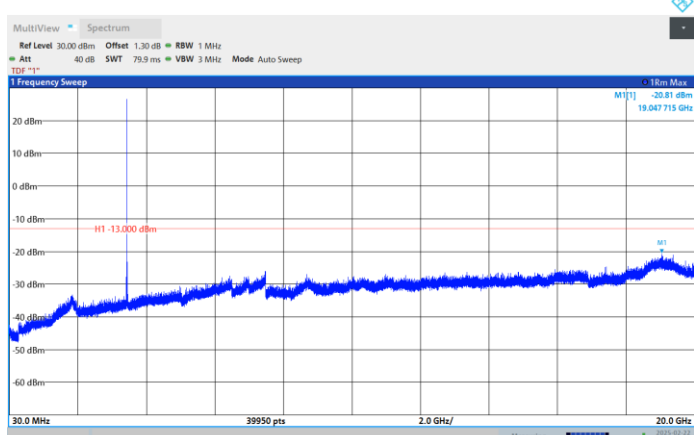
Band42-15MHz-QPSK-43015-1RB#0-
Range:15000~38010MHz



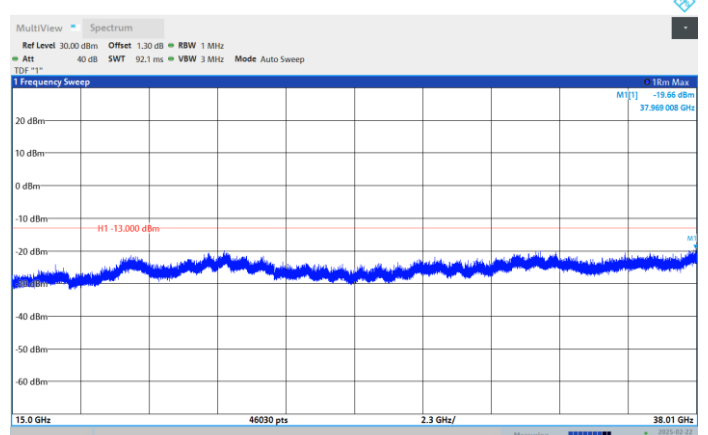
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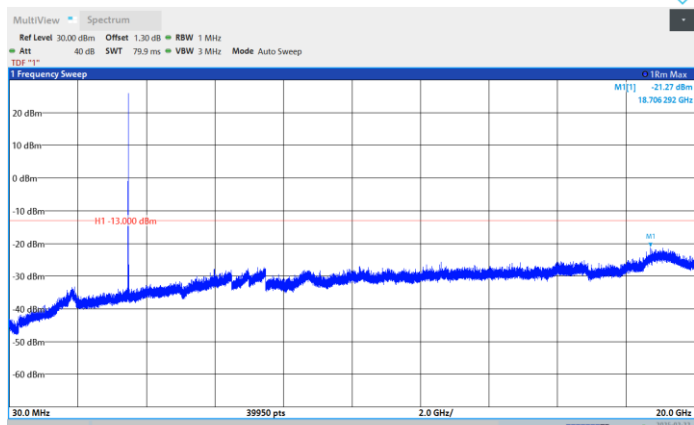
Band42-20MHz-QPSK-42190-1RB#0-
Range:15000~38010MHz



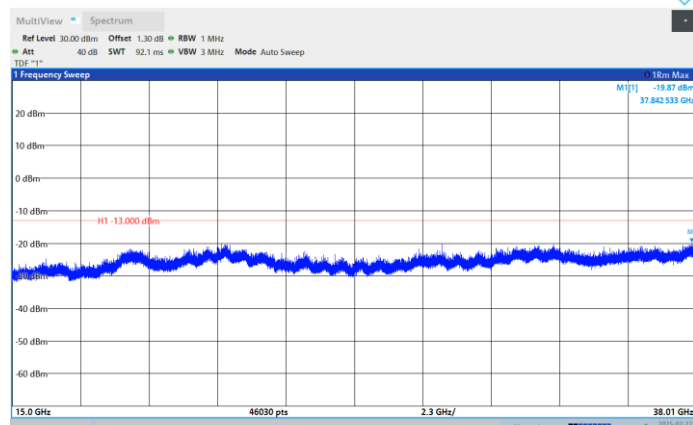
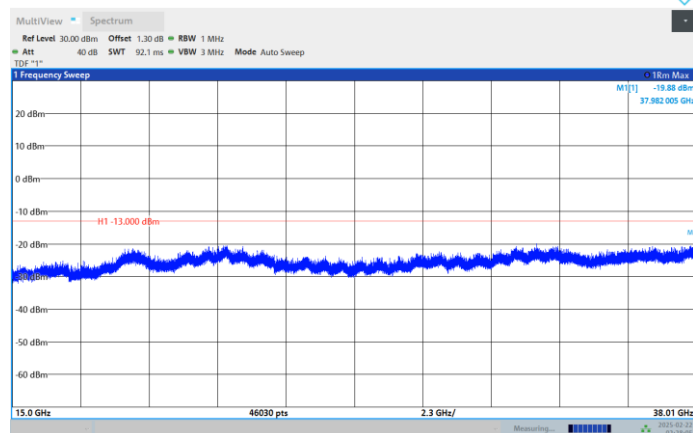
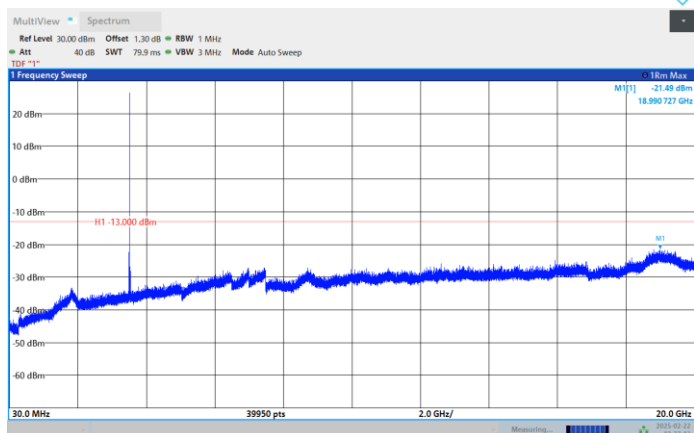
Band42-20MHz-QPSK-42590-1RB#0-Range:30~20000MHz



Band42-20MHz-QPSK-42590-1RB#0-
Range:15000~38010MHz



Band42-20MHz-QPSK-42990-1RB#0-Range:30~20000MHz

Band42-20MHz-QPSK-42990-1RB#0-
Range:15000~38010MHz

FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band42	20MHz	QPSK	42190	100RB#0	VL	NT	-11.50	-0.0033	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	VN	NT	7.00	0.0020	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	VH	NT	-8.40	-0.0024	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	VL	NT	-16.80	-0.0048	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	VN	NT	-1.50	-0.0004	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	VH	NT	23.30	0.0067	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	VL	NT	23.60	0.0067	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	VN	NT	0.60	0.0002	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	VH	NT	-11.90	-0.0034	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict

**Test Report No.: PSZ-QBJ2501200112RF04**

Band42	20MHz	QPSK	42190	100RB#0	NV	-30	17.00	0.0049	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	-20	-7.90	-0.0023	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	-10	25.00	0.0072	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	0	2.60	0.0008	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	10	-9.70	-0.0028	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	20	6.90	0.0020	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	30	7.30	0.0021	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	40	-0.20	-0.0001	±2.5	PASS
Band42	20MHz	QPSK	42190	100RB#0	NV	50	-17.90	-0.0052	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-30	-27.50	-0.0079	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-20	-4.90	-0.0014	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-10	28.30	0.0081	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	0	3.50	0.0010	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	10	11.80	0.0034	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	20	8.50	0.0024	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	30	-28.80	-0.0082	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	40	-14.10	-0.0040	±2.5	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	50	29.50	0.0084	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	-30	-10.60	-0.0030	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	-20	22.90	0.0065	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	-10	27.50	0.0078	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	0	3.50	0.0010	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	10	-16.90	-0.0048	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	20	12.20	0.0034	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	30	23.80	0.0067	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	40	-3.70	-0.0010	±2.5	PASS
Band42	20MHz	QPSK	42990	100RB#0	NV	50	-4.30	-0.0012	±2.5	PASS



PEAK-TO-AVERAGE RATIO(CCDF)

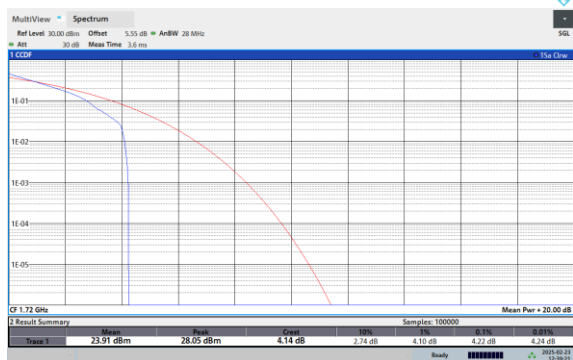
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	4.22	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.90	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.22	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.72	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	4.04	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.76	13	PASS

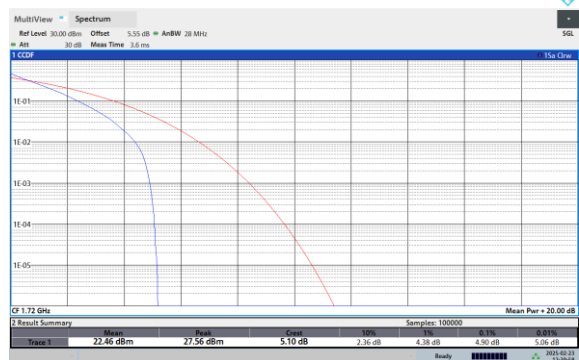


Test Graphs

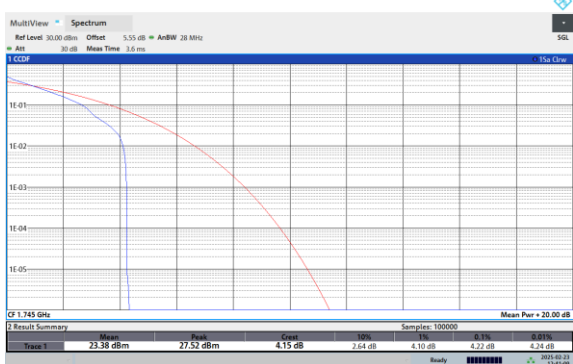
Band66-20MHz-QPSK-132072-1RB#0



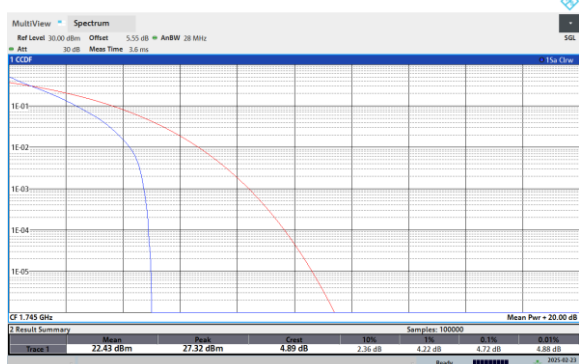
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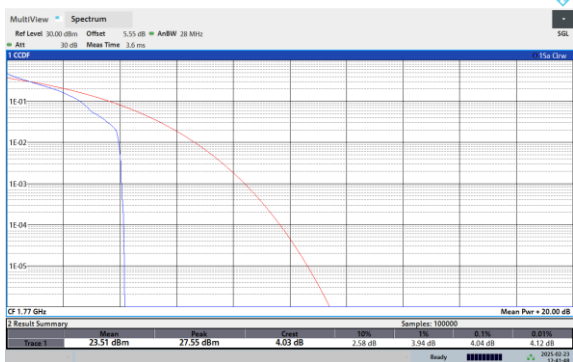
Band66-20MHz-QPSK-132322-1RB#0



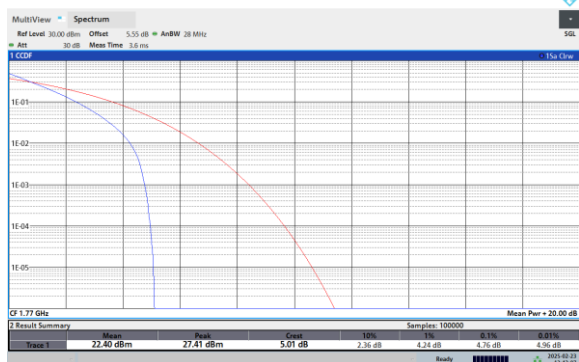
Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-QPSK-132572-1RB#0



Band66-20MHz-QPSK-132572-100RB#0





BUREAU VERITAS Test Report No.: PSZ-QBJ2501200112RF04
26DB BANDWIDTH AND OCCUPIED BANDWIDTH

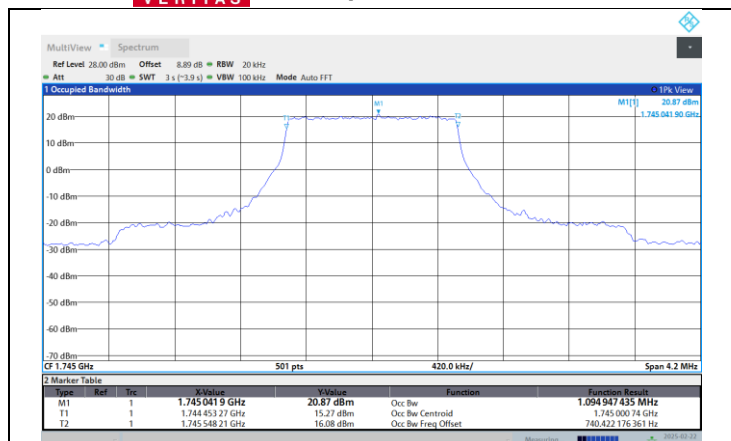
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	132322	6RB#0	1.095	1.36	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.094	1.32	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.701	3.05	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.701	3.03	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.491	5.02	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.494	5.04	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.957	9.74	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.955	9.83	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.497	14.84	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.483	14.70	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.888	19.42	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.910	19.42	PASS

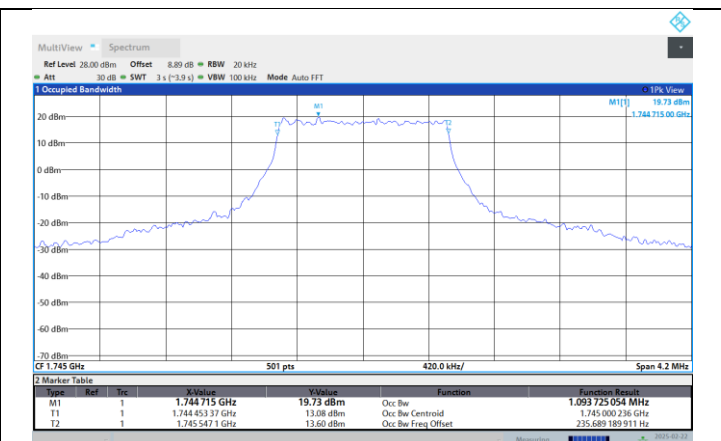
Test Graphs

Occupied Bandwidth

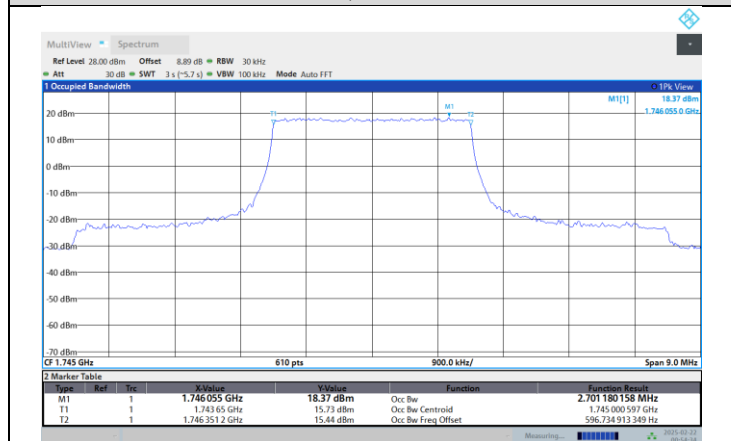
Band66-1.4MHz-132322-132322-6RB#0	Band66-1.4MHz-16QAM-132322-6RB#0
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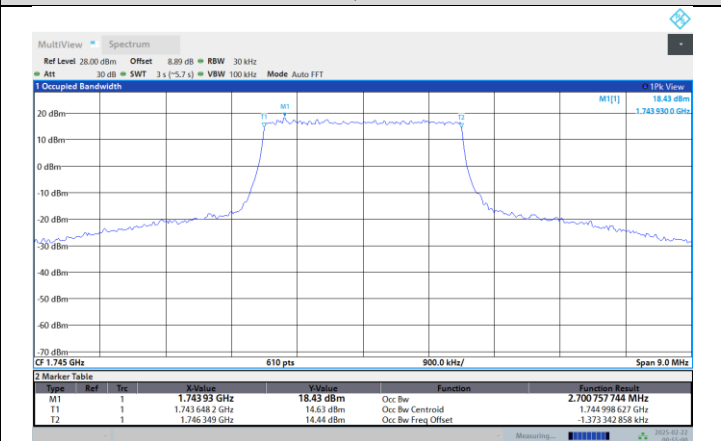
Band66-3MHz-QPSK-132322-15RB#



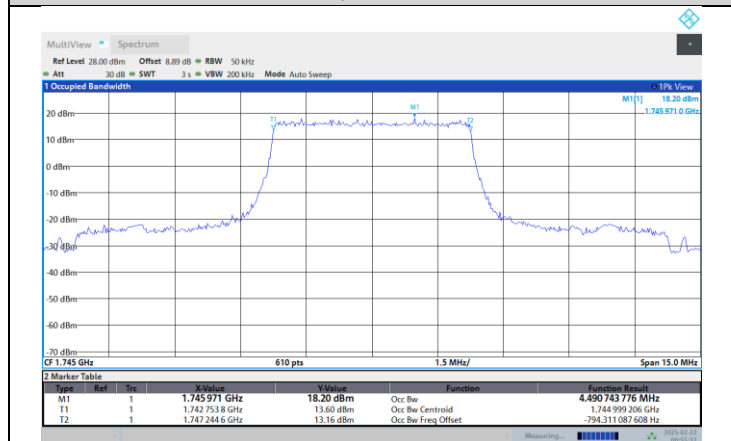
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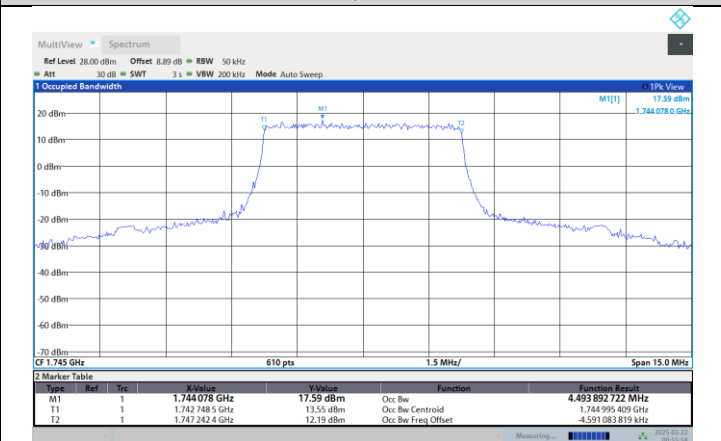
Band66-5MHz-QPSK-132322-25RB#0



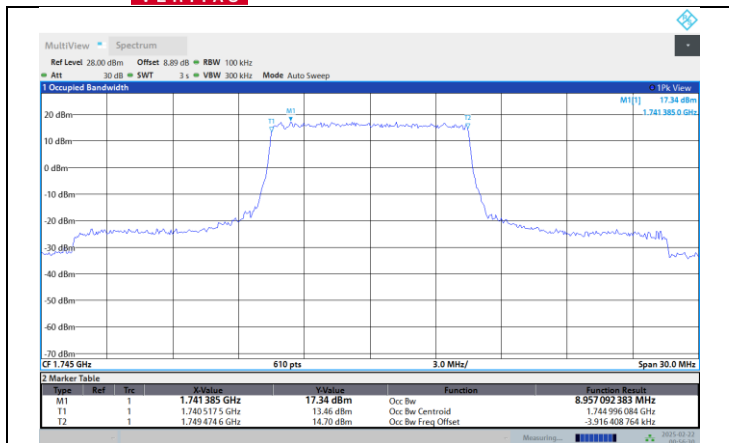
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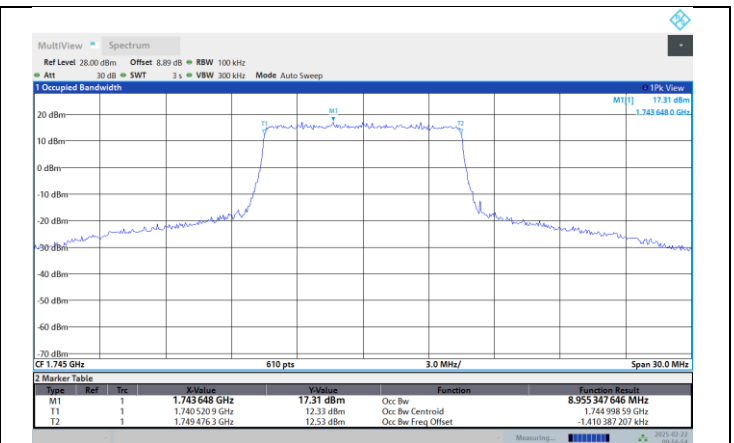
Band66-10MHz-QPSK-132322-50RB#0



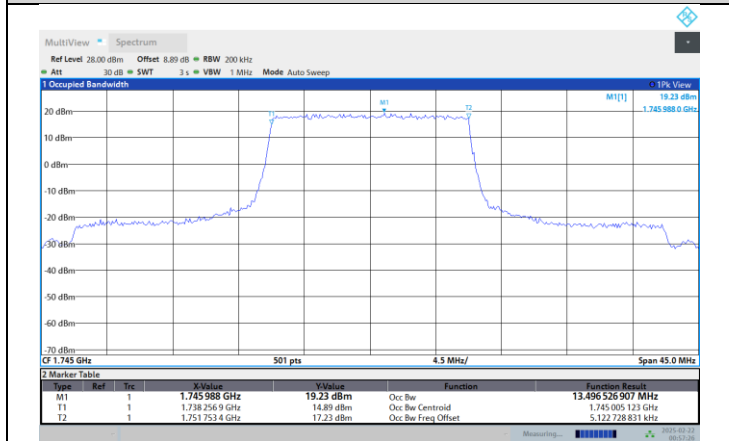
Band66-10MHz-16QAM-132322-50RB#0



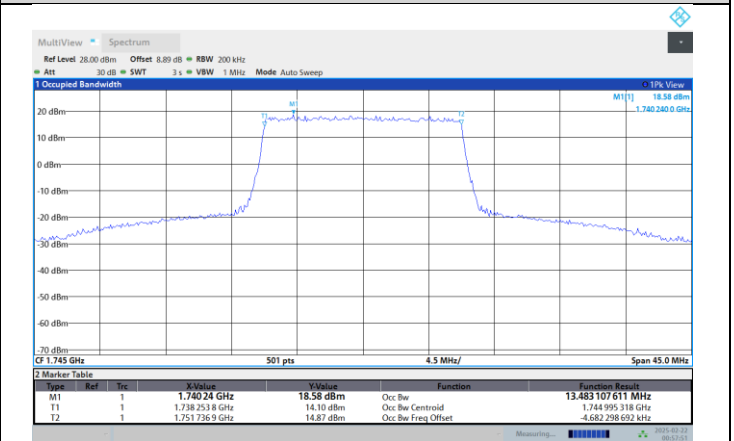
Band66-15MHz-QPSK-132322-75RB#0



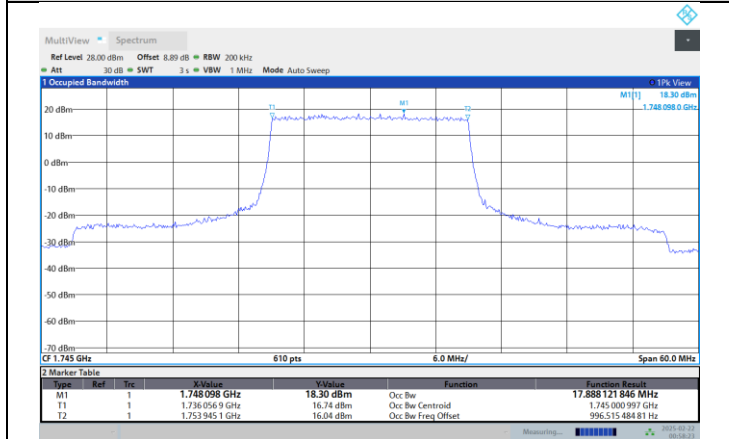
Band66-15MHz-16QAM-132322-75RB#0



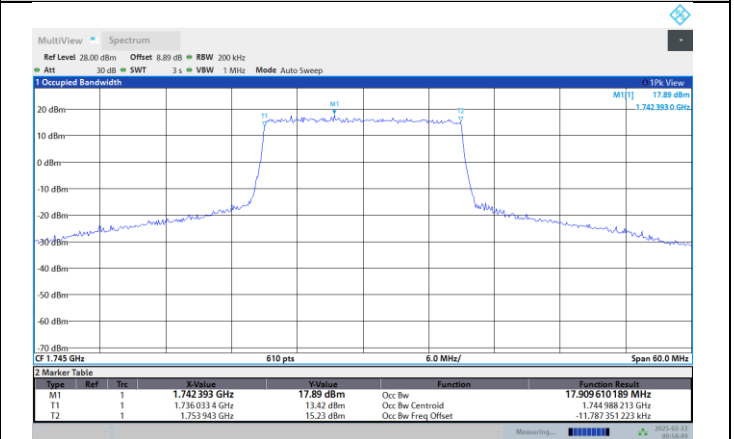
Band66-20MHz-QPSK-132322-100RB#0



Band66-20MHz-16QAM-132322-100RB#0

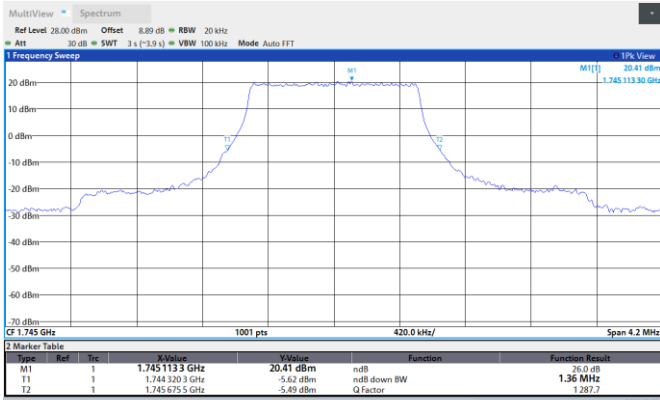


26dB Bandwidth

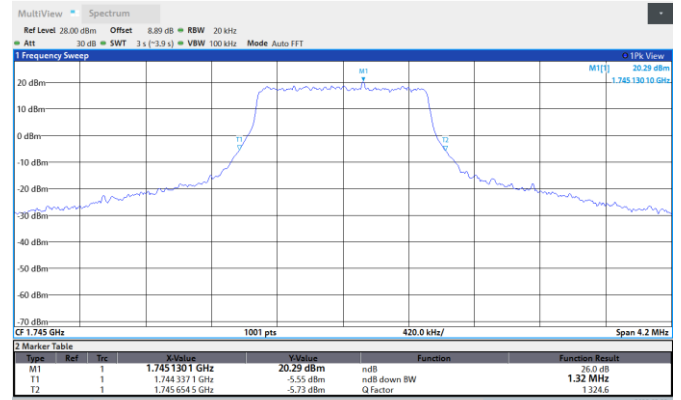


Band66-1.4MHz-132322-132322-6RB#0

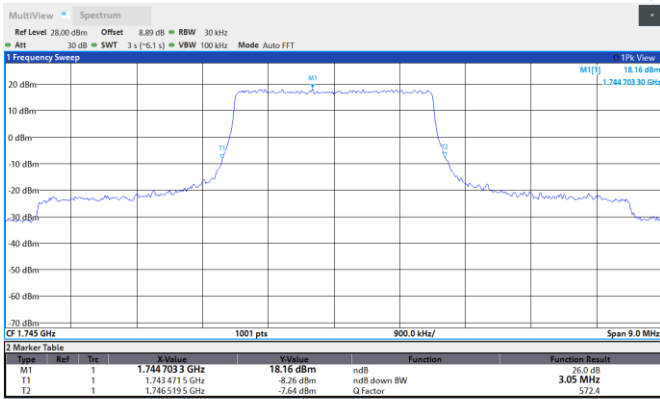
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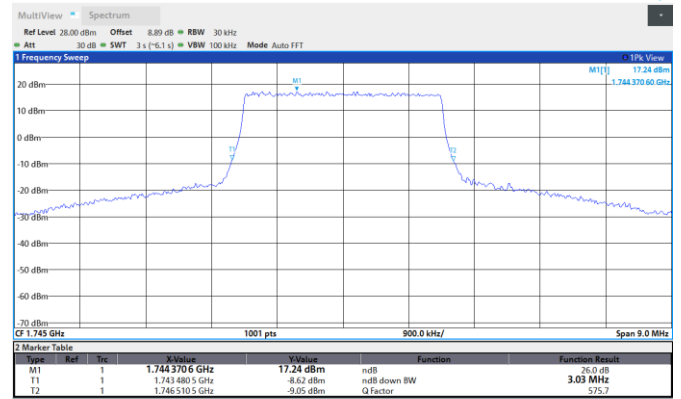
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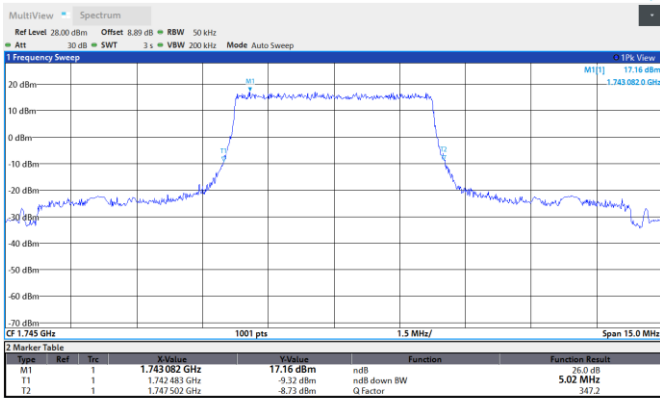
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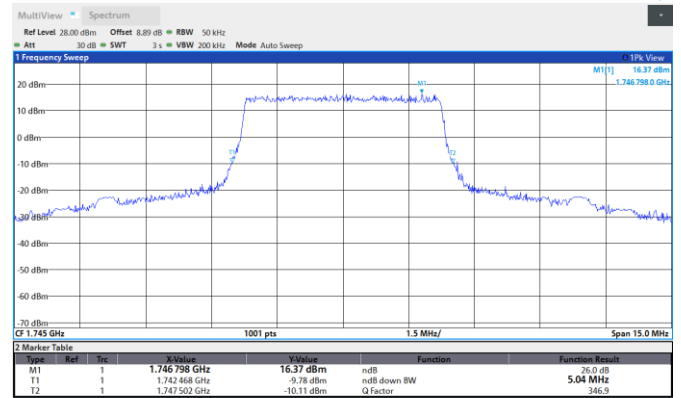
Band66-5MHz-QPSK-132322-25RB#0



Band66-5MHz-16QAM-132322-25RB#0



Band66-10MHz-QPSK-132322-50RB#0



Band66-10MHz-16QAM-132322-50RB#0