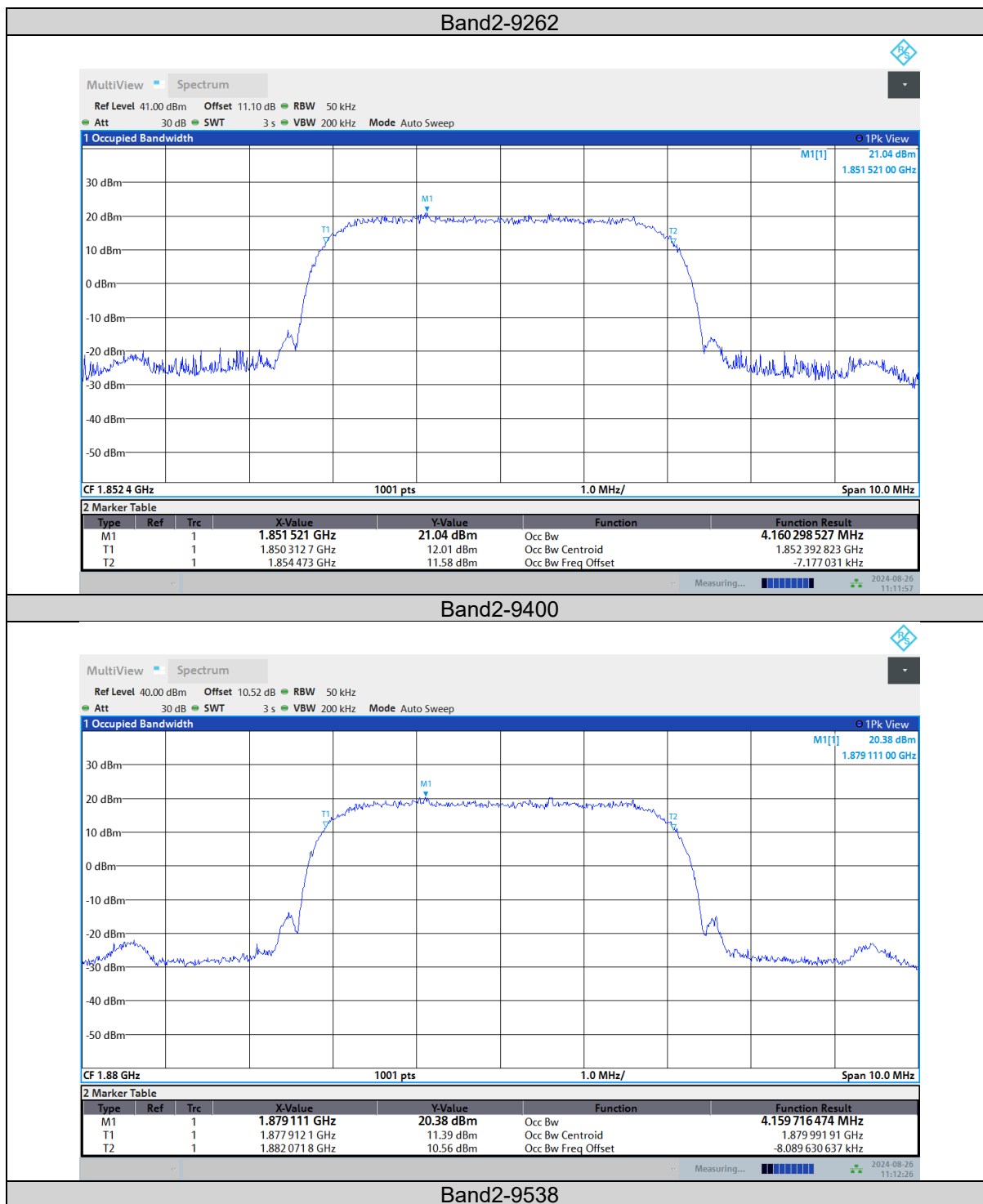
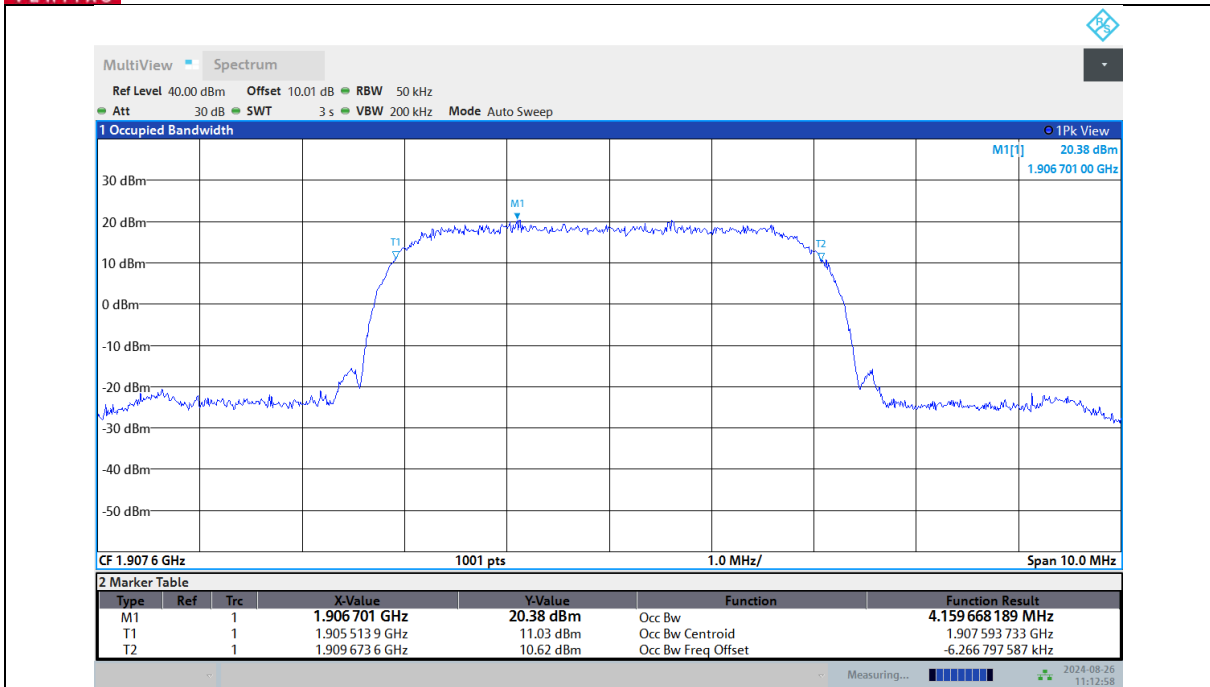




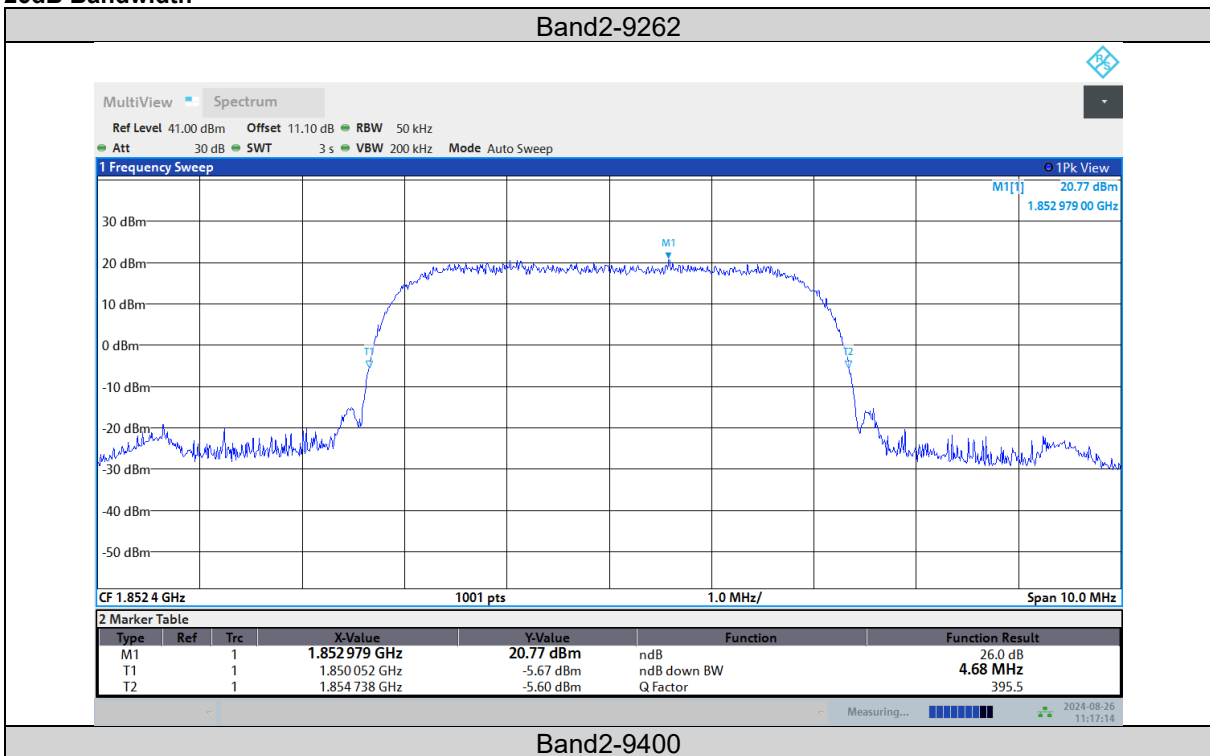
Test Graphs

1.1.1.1 Occupied Bandwidth





26dB Bandwidth





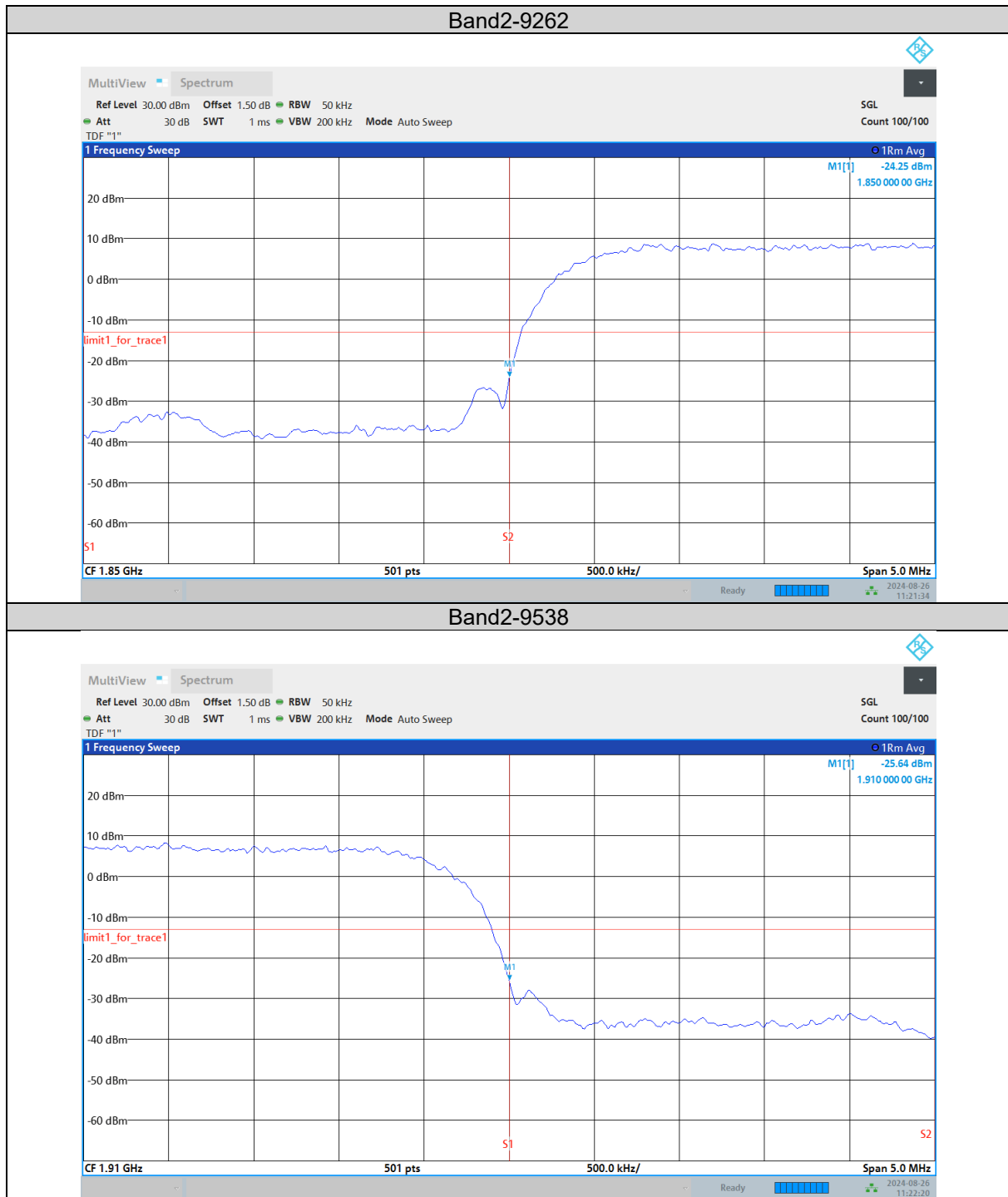
BAND EDGE

Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band2	9262	1850.00	-24.25	-13	PASS
Band2	9538	1910.00	-25.64	-13	PASS



Test Graphs





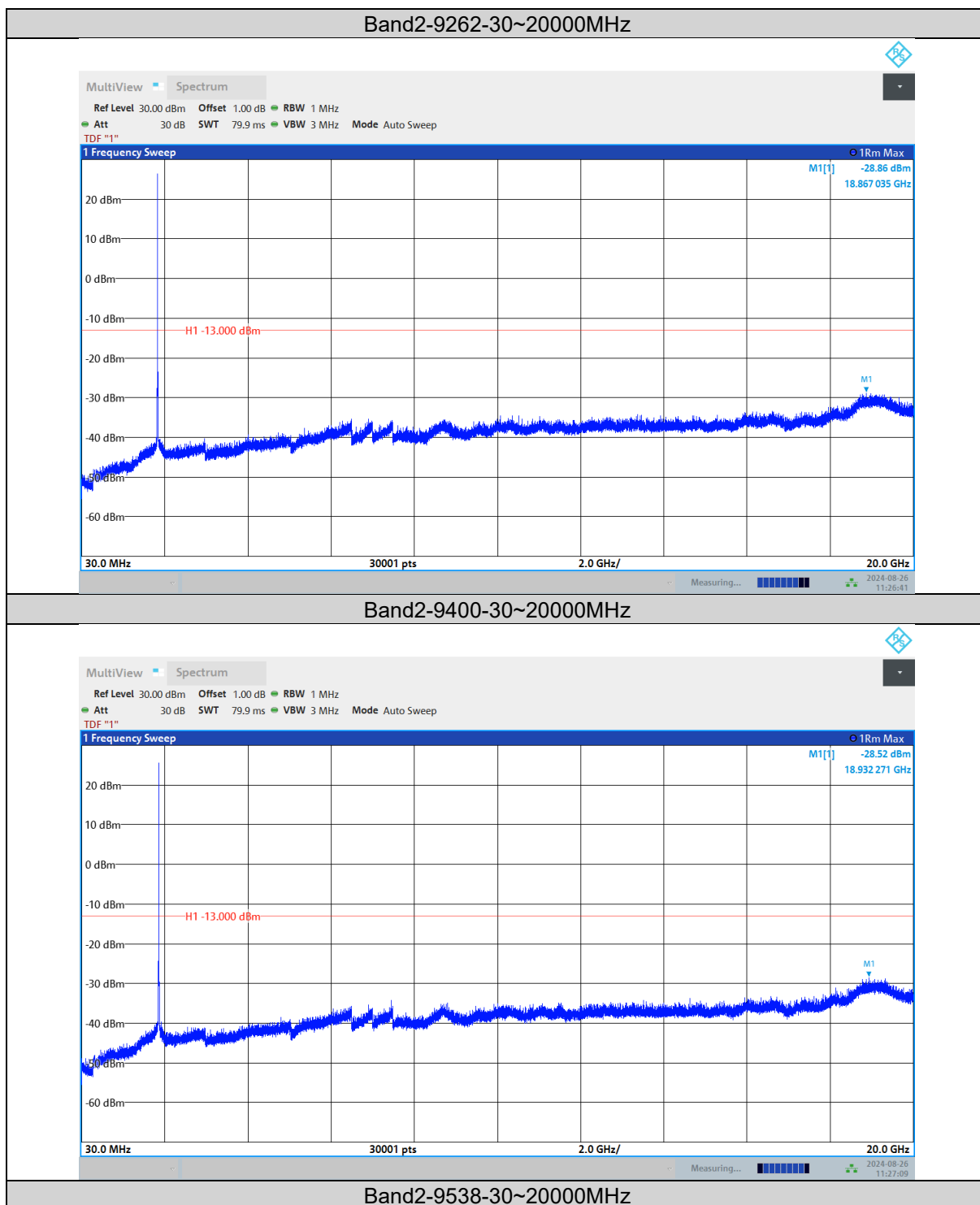
BUREAU VERITAS Test Report No.: PSU-NQN2407300216RF02
CONDUCTED SPURIOUS EMISSION

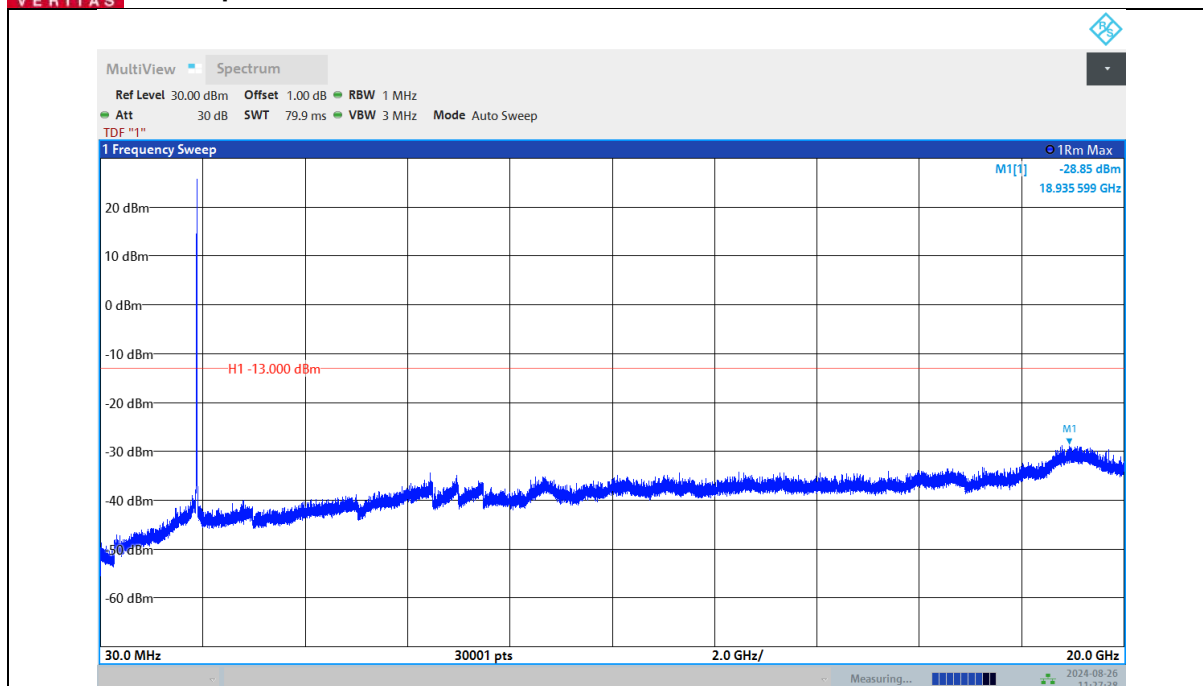
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (MHz)	Result (dBm)	Limit (dBm)	Verdict
Band2	9262	30~20000MHz	18867.035	-28.86	-13	PASS
Band2	9400	30~20000MHz	18932.271	-28.52	-13	PASS
Band2	9538	30~20000MHz	18935.599	-28.85	-13	PASS



Test Graphs





FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VL	NT	-1.41	0.0015	±2.5	PASS
Band2	9262	VN	NT	-3.55	0.0038	±2.5	PASS
Band2	9262	VH	NT	-2.02	0.0021	±2.5	PASS
Band2	9400	VL	NT	1.72	0.0018	±2.5	PASS
Band2	9400	VN	NT	-2.52	0.0027	±2.5	PASS
Band2	9400	VH	NT	-7.30	0.0078	±2.5	PASS
Band2	9538	VL	NT	-8.51	0.0091	±2.5	PASS
Band2	9538	VN	NT	0.20	0.0002	±2.5	PASS
Band2	9538	VH	NT	-1.41	0.0015	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	NV	-30	2.23	0.0024	±2.5	PASS
Band2	9262	NV	-20	-0.11	0.0001	±2.5	PASS
Band2	9262	NV	-10	7.05	0.0038	±2.5	PASS
Band2	9262	NV	0	-0.35	-0.0002	±2.5	PASS
Band2	9262	NV	10	-9.76	-0.0053	±2.5	PASS
Band2	9262	NV	20	9.87	0.0053	±2.5	PASS


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Band2	9262	NV	30	-3.01	-0.0016	±2.5	PASS
Band2	9262	NV	40	7.77	0.0042	±2.5	PASS
Band2	9262	NV	50	3.53	0.0019	±2.5	PASS
Band2	9400	NV	-30	-8.85	-0.0047	±2.5	PASS
Band2	9400	NV	-20	9.81	0.0052	±2.5	PASS
Band2	9400	NV	-10	7.65	0.0041	±2.5	PASS
Band2	9400	NV	0	-1.5	-0.0008	±2.5	PASS
Band2	9400	NV	10	8.88	0.0047	±2.5	PASS
Band2	9400	NV	20	8.53	0.0045	±2.5	PASS
Band2	9400	NV	30	-4.06	-0.0022	±2.5	PASS
Band2	9400	NV	40	9.21	0.0049	±2.5	PASS
Band2	9400	NV	50	2.89	0.0015	±2.5	PASS
Band2	9538	NV	-30	4.23	0.0021	±2.5	PASS
Band2	9538	NV	-20	-6.62	-0.0033	±2.5	PASS
Band2	9538	NV	-10	-1.42	-0.0007	±2.5	PASS
Band2	9538	NV	0	-4.38	-0.0022	±2.5	PASS
Band2	9538	NV	10	1.95	0.0010	±2.5	PASS
Band2	9538	NV	20	-6.91	-0.0035	±2.5	PASS
Band2	9538	NV	30	-2.4	-0.0012	±2.5	PASS
Band2	9538	NV	40	2.52	0.0013	±2.5	PASS
Band2	9538	NV	50	-3.94	-0.0020	±2.5	PASS

MAX Deviation calculation

Frequency Stability	Frequency (MHz)	Limit Line(MHz)	Result
$f_L - \text{MAX}(\Delta f) $	1850.319990	≥ 1850	PASS
$f_H + \text{MAX}(\Delta f) $	1909.680010	≤ 1910	

- Note:
1. $|\text{MAX}(\Delta f)|$ = Max Deviation
 2. f_L = Occ low channel f_L (-13dBm/MHz)
 3. f_H = Occ High channel f_H (-13dBm/MHz)
 4. $|\text{MAX}(\Delta f)|$ = 9.87Hz.



LTE BAND25 (INCLUDING LTE B2)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	4.52	13	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	5.02	13	PASS
Band25	1.4MHz	QPSK	26340	1RB#0	4.80	13	PASS
Band25	1.4MHz	QPSK	26340	6RB#0	5.24	13	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	4.20	13	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	5.08	13	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	5.44	13	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	5.82	13	PASS
Band25	1.4MHz	16QAM	26340	1RB#0	5.62	13	PASS
Band25	1.4MHz	16QAM	26340	6RB#0	5.96	13	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	5.02	13	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	5.82	13	PASS
Band25	1.4MHz	64QAM	26047	1RB#0	5.94	13	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	6.04	13	PASS
Band25	1.4MHz	64QAM	26340	1RB#0	6.08	13	PASS
Band25	1.4MHz	64QAM	26340	6RB#0	6.28	13	PASS
Band25	1.4MHz	64QAM	26683	1RB#0	5.92	13	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	6.34	13	PASS
Band25	3MHz	QPSK	26055	1RB#0	4.54	13	PASS
Band25	3MHz	QPSK	26055	15RB#0	5.24	13	PASS
Band25	3MHz	QPSK	26340	1RB#0	4.74	13	PASS
Band25	3MHz	QPSK	26340	15RB#0	5.48	13	PASS
Band25	3MHz	QPSK	26675	1RB#0	4.30	13	PASS
Band25	3MHz	QPSK	26675	15RB#0	5.34	13	PASS
Band25	3MHz	16QAM	26055	1RB#0	5.44	13	PASS
Band25	3MHz	16QAM	26055	15RB#0	5.98	13	PASS
Band25	3MHz	16QAM	26340	1RB#0	5.58	13	PASS
Band25	3MHz	16QAM	26340	15RB#0	6.12	13	PASS
Band25	3MHz	16QAM	26675	1RB#0	5.12	13	PASS
Band25	3MHz	16QAM	26675	15RB#0	6.14	13	PASS
Band25	3MHz	64QAM	26055	1RB#0	5.90	13	PASS
Band25	3MHz	64QAM	26055	15RB#0	6.38	13	PASS
Band25	3MHz	64QAM	26340	1RB#0	5.76	13	PASS
Band25	3MHz	64QAM	26340	15RB#0	6.46	13	PASS
Band25	3MHz	64QAM	26675	1RB#0	5.98	13	PASS
Band25	3MHz	64QAM	26675	15RB#0	6.42	13	PASS
Band25	5MHz	QPSK	26065	1RB#0	4.50	13	PASS
Band25	5MHz	QPSK	26065	25RB#0	5.46	13	PASS
Band25	5MHz	QPSK	26340	1RB#0	4.96	13	PASS
Band25	5MHz	QPSK	26340	25RB#0	5.50	13	PASS
Band25	5MHz	QPSK	26665	1RB#0	4.54	13	PASS
Band25	5MHz	QPSK	26665	25RB#0	5.36	13	PASS
Band25	5MHz	16QAM	26065	1RB#0	5.16	13	PASS



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Test Report No.: PSU-NQN2407300216RF02

Band25	5MHz	16QAM	26065	25RB#0	6.00	13	PASS
Band25	5MHz	16QAM	26340	1RB#0	5.58	13	PASS
Band25	5MHz	16QAM	26340	25RB#0	6.20	13	PASS
Band25	5MHz	16QAM	26665	1RB#0	5.22	13	PASS
Band25	5MHz	16QAM	26665	25RB#0	6.16	13	PASS
Band25	5MHz	64QAM	26065	1RB#0	5.98	13	PASS
Band25	5MHz	64QAM	26065	25RB#0	6.36	13	PASS
Band25	5MHz	64QAM	26340	1RB#0	5.82	13	PASS
Band25	5MHz	64QAM	26340	25RB#0	6.42	13	PASS
Band25	5MHz	64QAM	26665	1RB#0	6.14	13	PASS
Band25	5MHz	64QAM	26665	25RB#0	6.48	13	PASS
Band25	10MHz	QPSK	26090	1RB#0	4.52	13	PASS
Band25	10MHz	QPSK	26090	50RB#0	5.46	13	PASS
Band25	10MHz	QPSK	26340	1RB#0	4.78	13	PASS
Band25	10MHz	QPSK	26340	50RB#0	5.50	13	PASS
Band25	10MHz	QPSK	26640	1RB#0	4.40	13	PASS
Band25	10MHz	QPSK	26640	50RB#0	5.36	13	PASS
Band25	10MHz	16QAM	26090	1RB#0	5.44	13	PASS
Band25	10MHz	16QAM	26090	50RB#0	6.22	13	PASS
Band25	10MHz	16QAM	26340	1RB#0	5.58	13	PASS
Band25	10MHz	16QAM	26340	50RB#0	6.18	13	PASS
Band25	10MHz	16QAM	26640	1RB#0	5.16	13	PASS
Band25	10MHz	16QAM	26640	50RB#0	6.18	13	PASS
Band25	10MHz	64QAM	26090	1RB#0	5.98	13	PASS
Band25	10MHz	64QAM	26090	50RB#0	6.46	13	PASS
Band25	10MHz	64QAM	26340	1RB#0	5.76	13	PASS
Band25	10MHz	64QAM	26340	50RB#0	6.36	13	PASS
Band25	10MHz	64QAM	26640	1RB#0	6.00	13	PASS
Band25	10MHz	64QAM	26640	50RB#0	6.42	13	PASS
Band25	15MHz	QPSK	26115	1RB#0	4.52	13	PASS
Band25	15MHz	QPSK	26115	75RB#0	5.66	13	PASS
Band25	15MHz	QPSK	26340	1RB#0	4.70	13	PASS
Band25	15MHz	QPSK	26340	75RB#0	5.68	13	PASS
Band25	15MHz	QPSK	26615	1RB#0	4.76	13	PASS
Band25	15MHz	QPSK	26615	75RB#0	5.54	13	PASS
Band25	15MHz	16QAM	26115	1RB#0	5.42	13	PASS
Band25	15MHz	16QAM	26115	75RB#0	6.20	13	PASS
Band25	15MHz	16QAM	26340	1RB#0	5.54	13	PASS
Band25	15MHz	16QAM	26340	75RB#0	6.20	13	PASS
Band25	15MHz	16QAM	26615	1RB#0	5.42	13	PASS
Band25	15MHz	16QAM	26615	75RB#0	6.10	13	PASS
Band25	15MHz	64QAM	26115	1RB#0	5.80	13	PASS
Band25	15MHz	64QAM	26115	75RB#0	6.44	13	PASS
Band25	15MHz	64QAM	26340	1RB#0	5.70	13	PASS
Band25	15MHz	64QAM	26340	75RB#0	6.36	13	PASS
Band25	15MHz	64QAM	26615	1RB#0	6.18	13	PASS
Band25	15MHz	64QAM	26615	75RB#0	6.36	13	PASS
Band25	20MHz	QPSK	26140	1RB#0	4.60	13	PASS
Band25	20MHz	QPSK	26140	100RB#0	5.64	13	PASS
Band25	20MHz	QPSK	26340	1RB#0	4.86	13	PASS
Band25	20MHz	QPSK	26340	100RB#0	5.40	13	PASS
Band25	20MHz	QPSK	26590	1RB#0	4.98	13	PASS
Band25	20MHz	QPSK	26590	100RB#0	5.40	13	PASS
Band25	20MHz	16QAM	26140	1RB#0	5.60	13	PASS
Band25	20MHz	16QAM	26140	100RB#0	6.30	13	PASS

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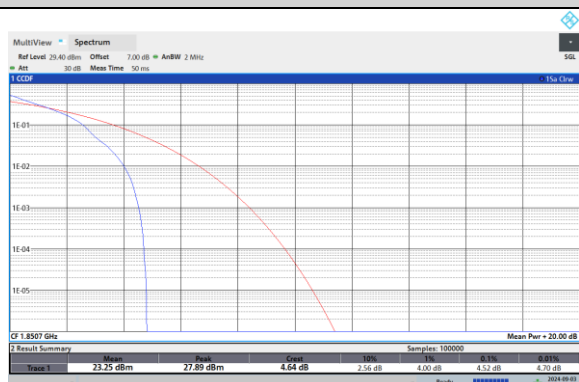
Test Report No.: PSU-NQN2407300216RF02

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Band25	20MHz	16QAM	26590	1RB#0	6.12	13	PASS
Band25	20MHz	16QAM	26590	100RB#0	6.18	13	PASS
Band25	20MHz	64QAM	26140	1RB#0	6.06	13	PASS
Band25	20MHz	64QAM	26140	100RB#0	6.56	13	PASS
Band25	20MHz	64QAM	26340	1RB#0	6.18	13	PASS
Band25	20MHz	64QAM	26340	100RB#0	6.50	13	PASS
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Band25	20MHz	64QAM	26590	100RB#0	6.06	13	PASS

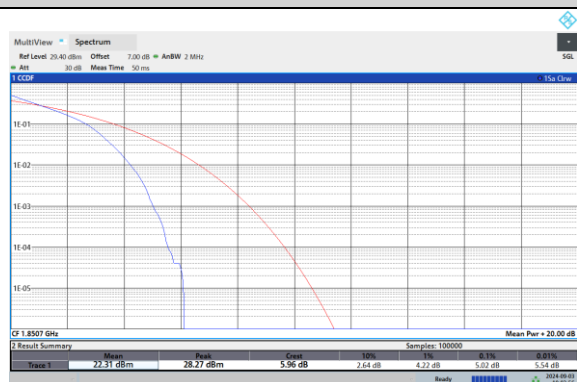


Test Graphs

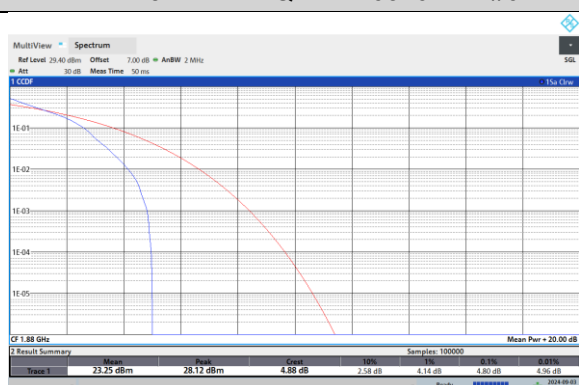
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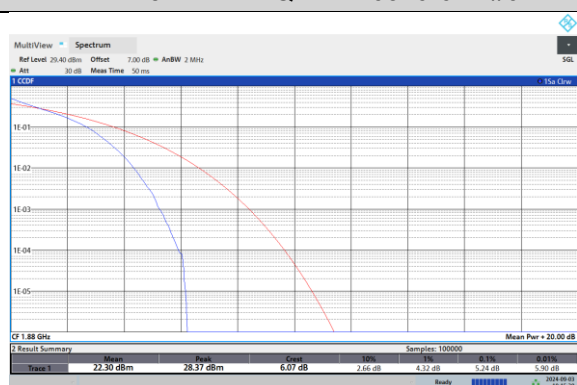
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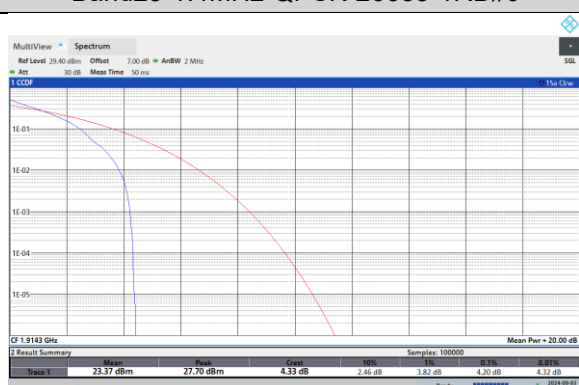
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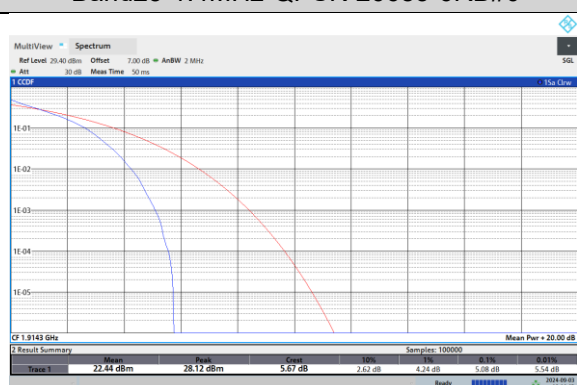
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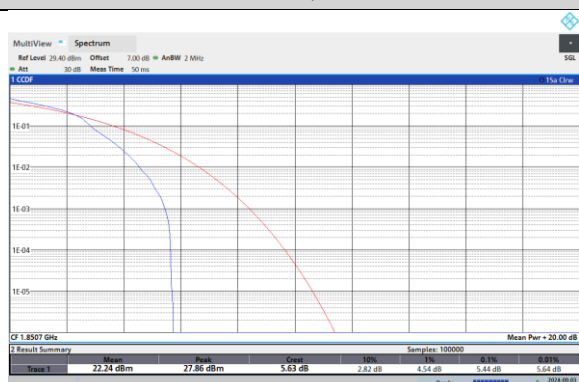
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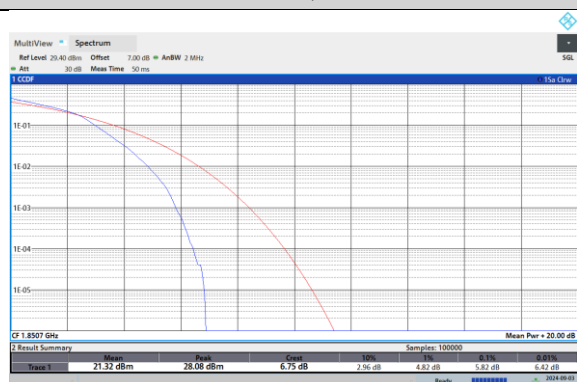
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Band25-1.4MHz-16QAM-26047-1RB#0



Band25-1.4MHz-16QAM-26047-6RB#0



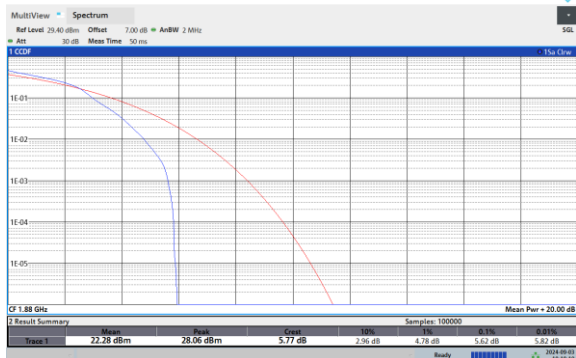
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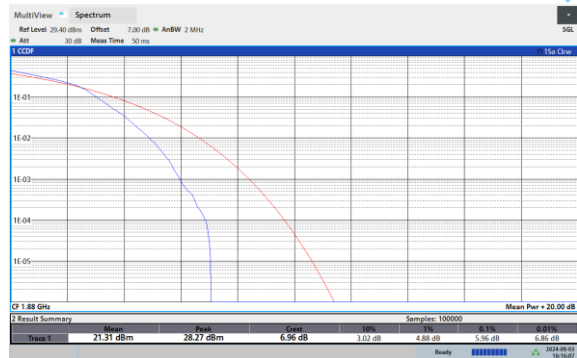


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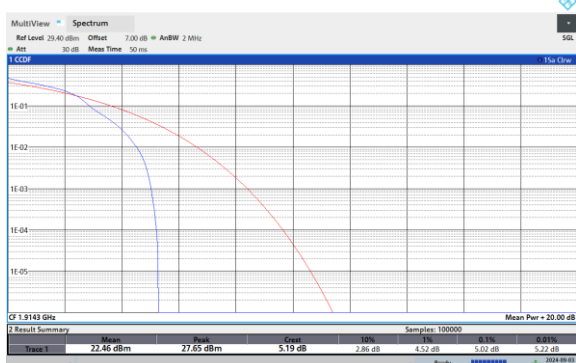
Test Report No.: PSU-NQN2407300216RF02



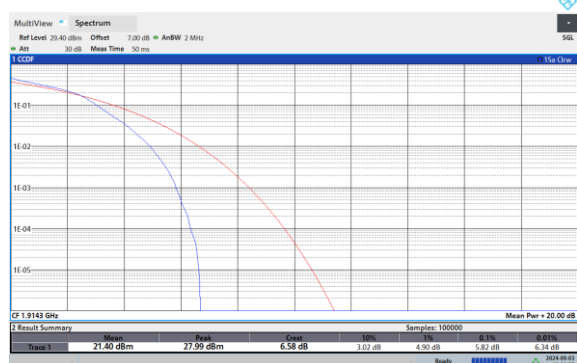
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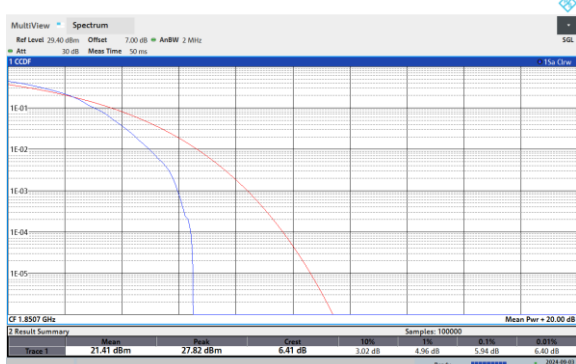
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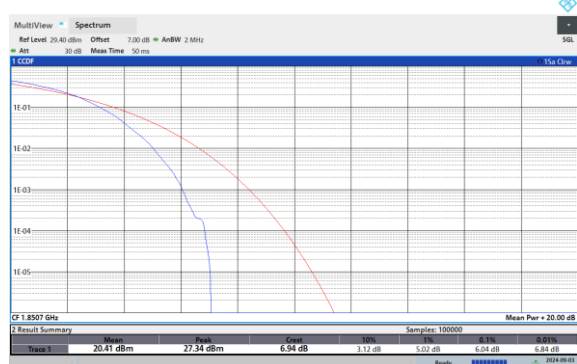
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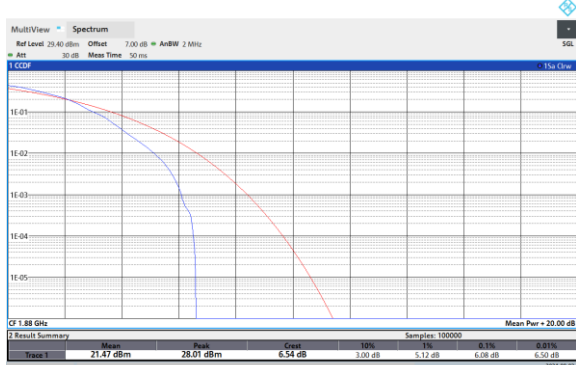
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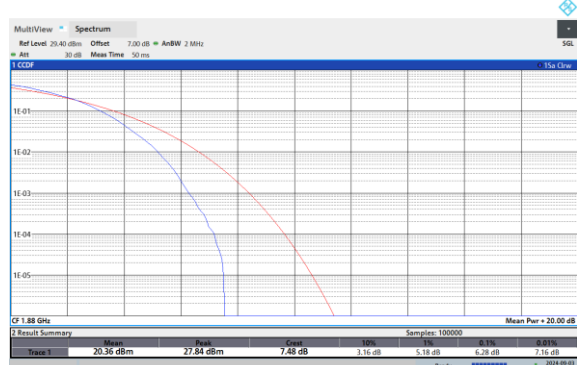
Band25-1.4MHz-64QAM-26340-1RB#0



Band25-1.4MHz-64QAM-26340-6RB#0



Band25-1.4MHz-64QAM-26683-1RB#0



Band25-1.4MHz-64QAM-26683-6RB#0

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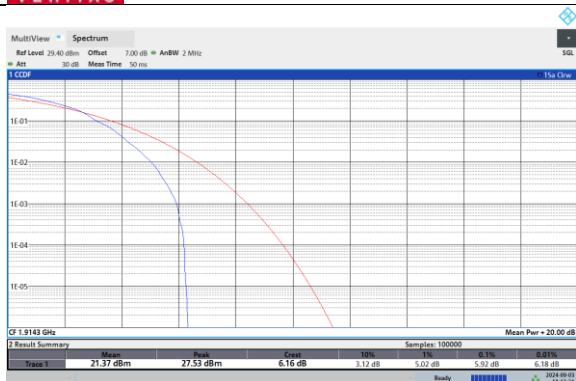
Email:

customerservice.sw@bureauveritas.com

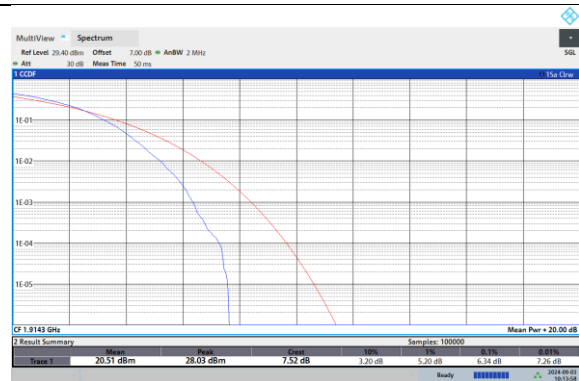


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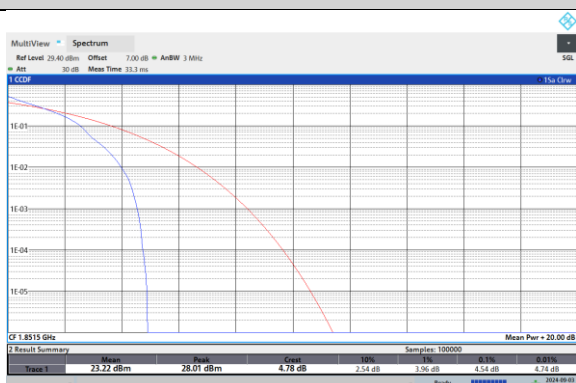
Test Report No.: PSU-NQN2407300216RF02



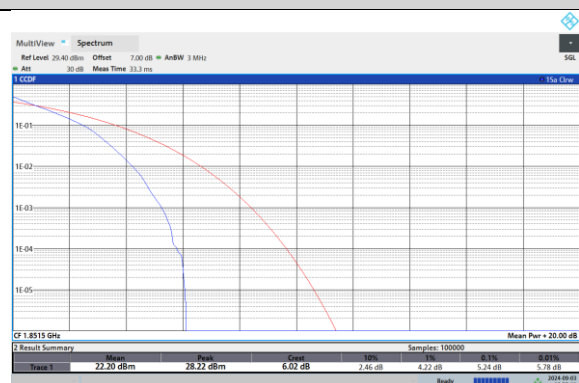
Band25-3MHz-QPSK-26055-1RB#0



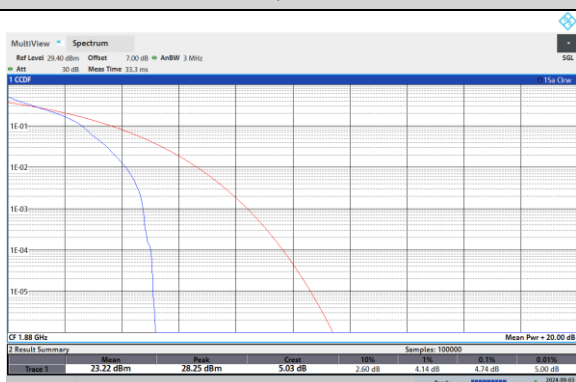
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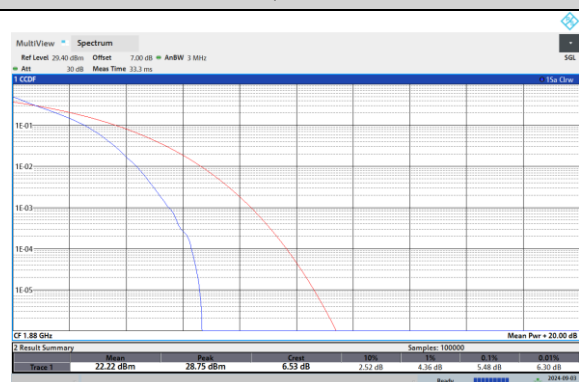
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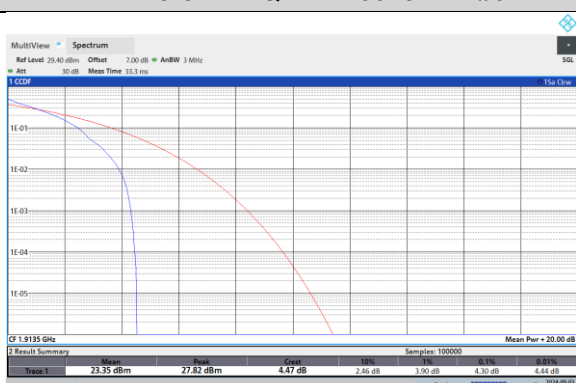
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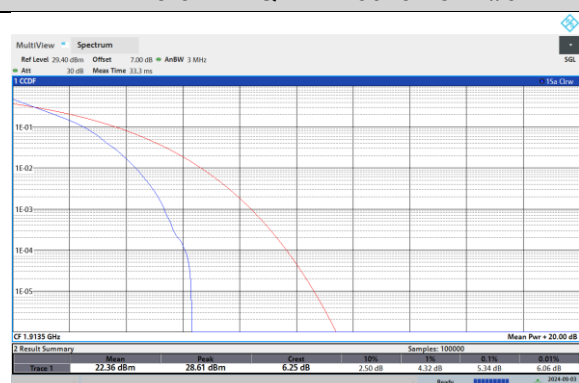
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Band25-3MHz-QPSK-26675-15RB#0



Band25-3MHz-16QAM-26055-1RB#0



Band25-3MHz-16QAM-26055-15RB#0

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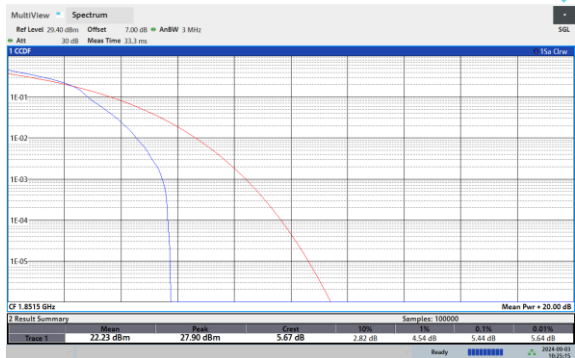
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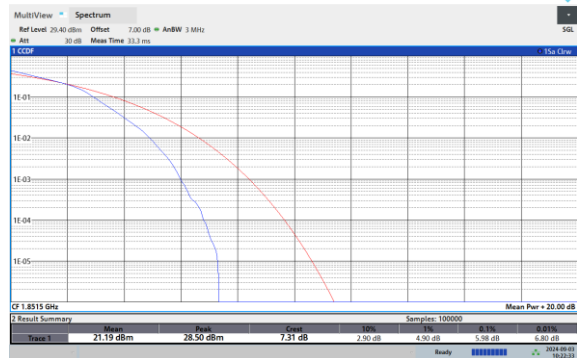


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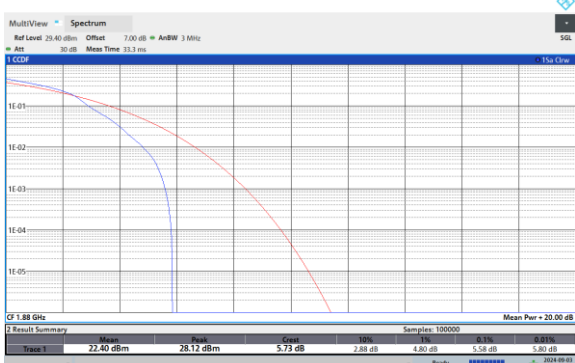
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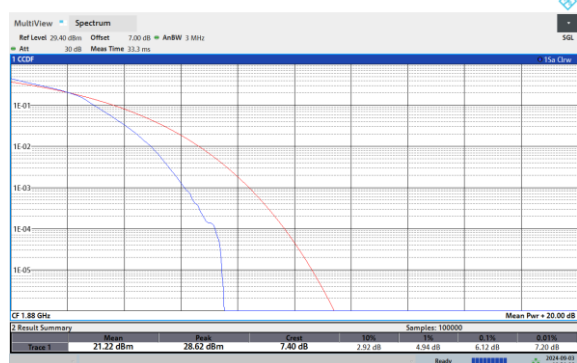
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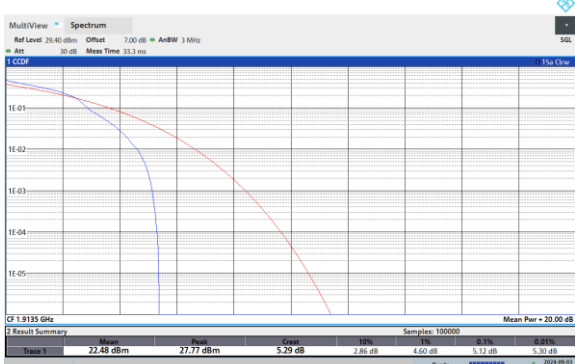
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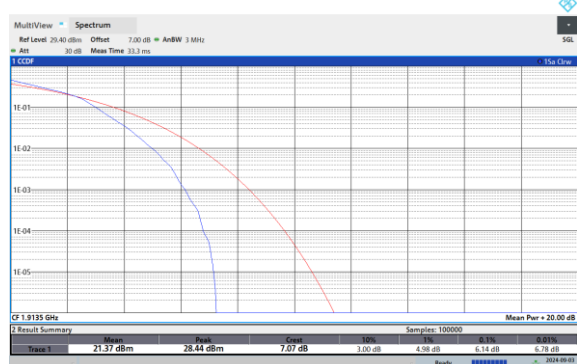
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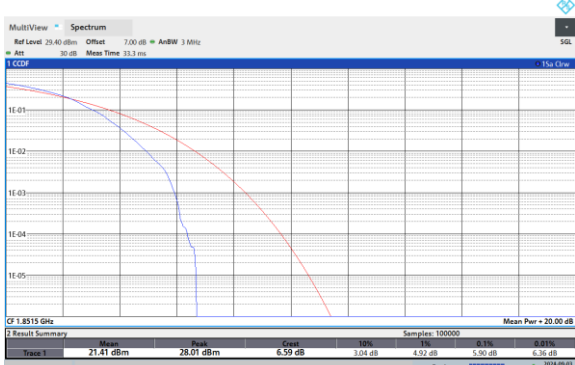
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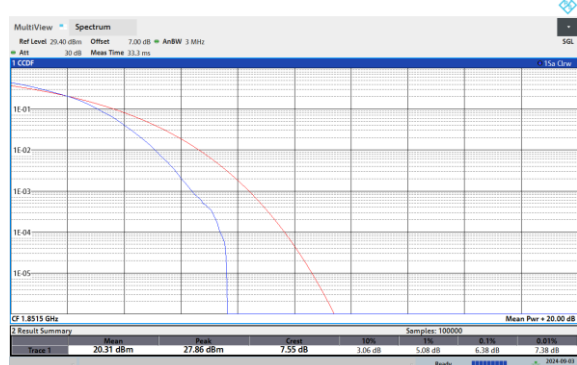
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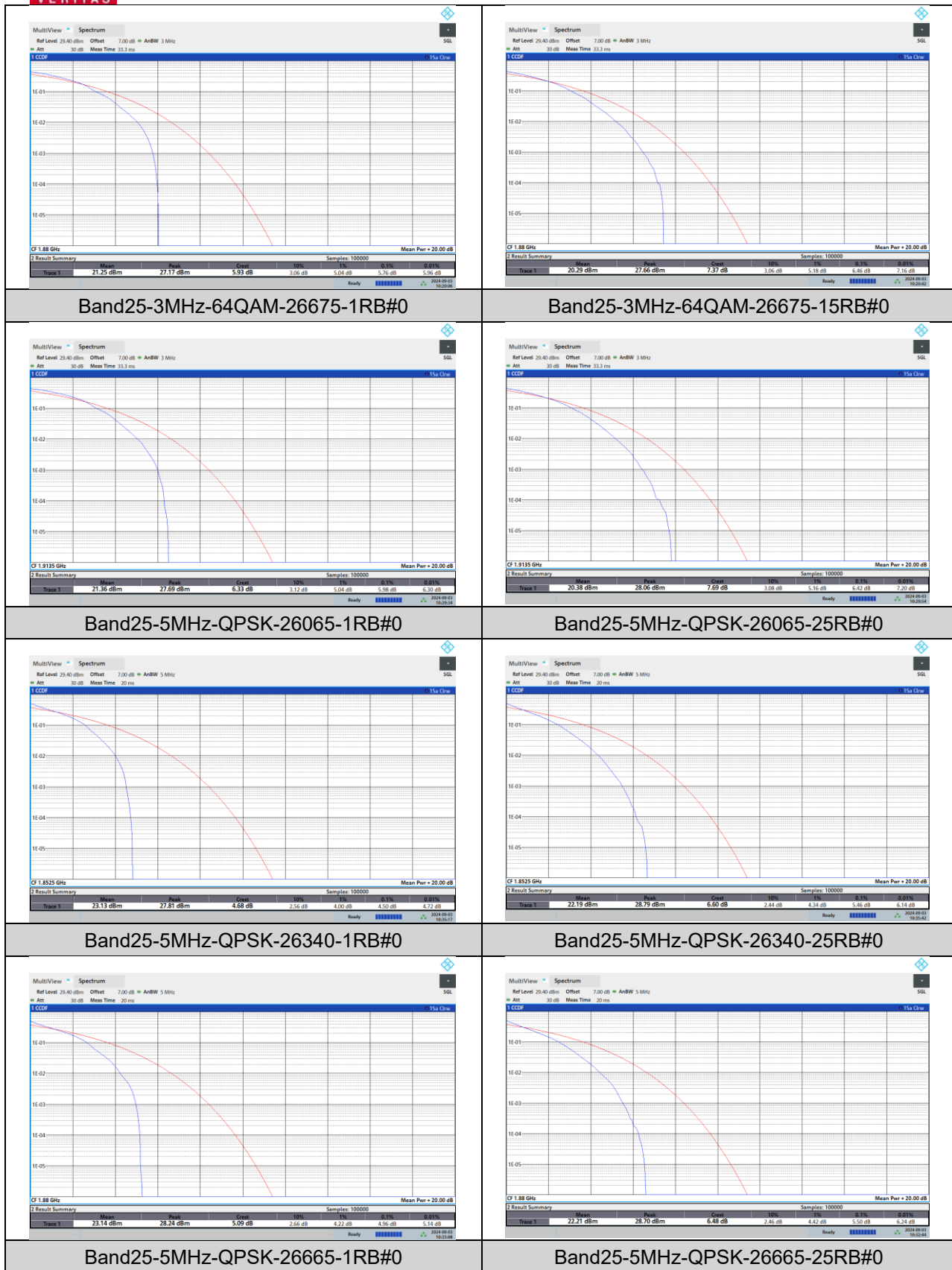
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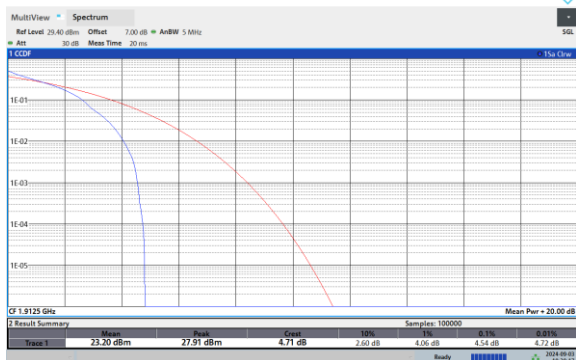
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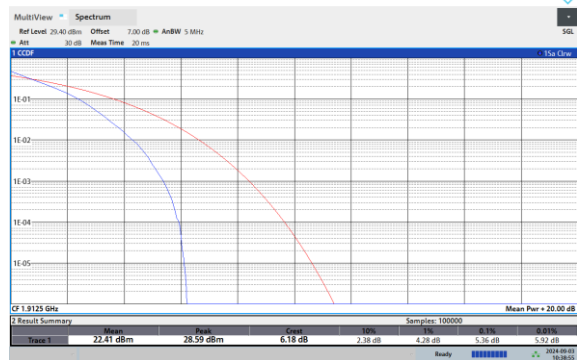


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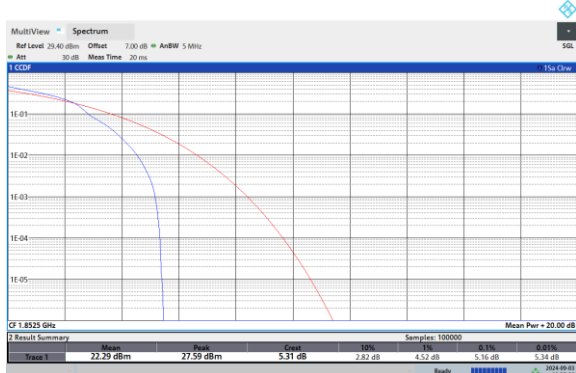
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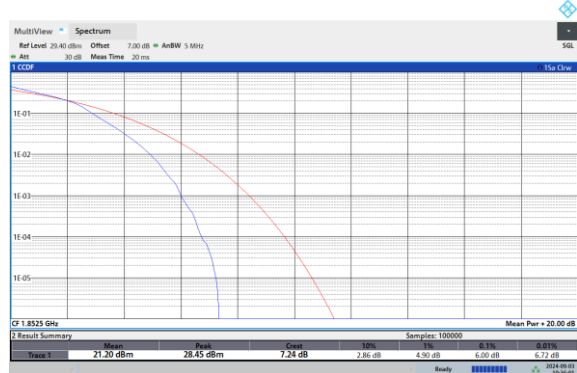
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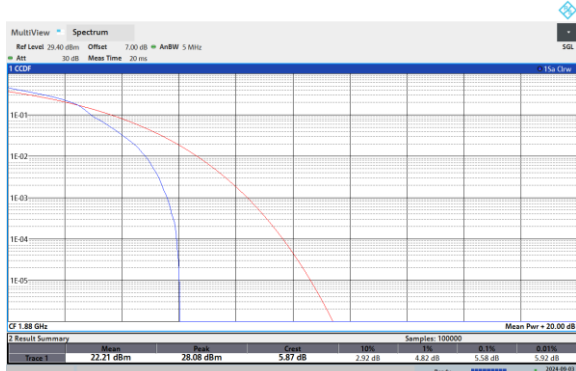
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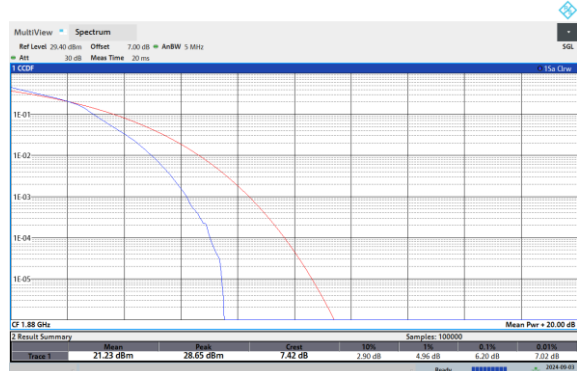
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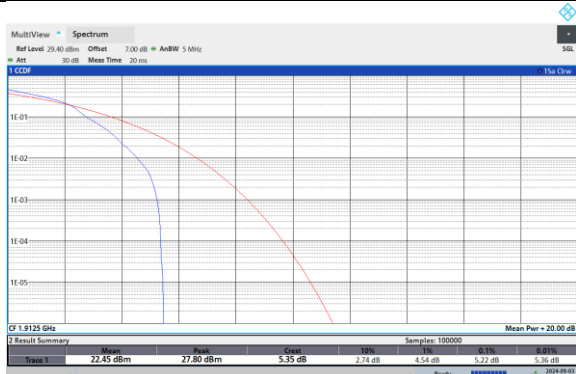
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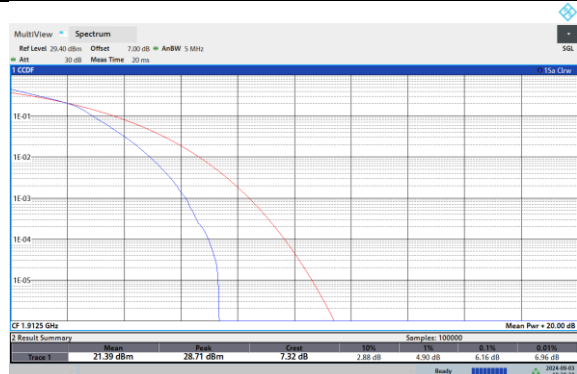
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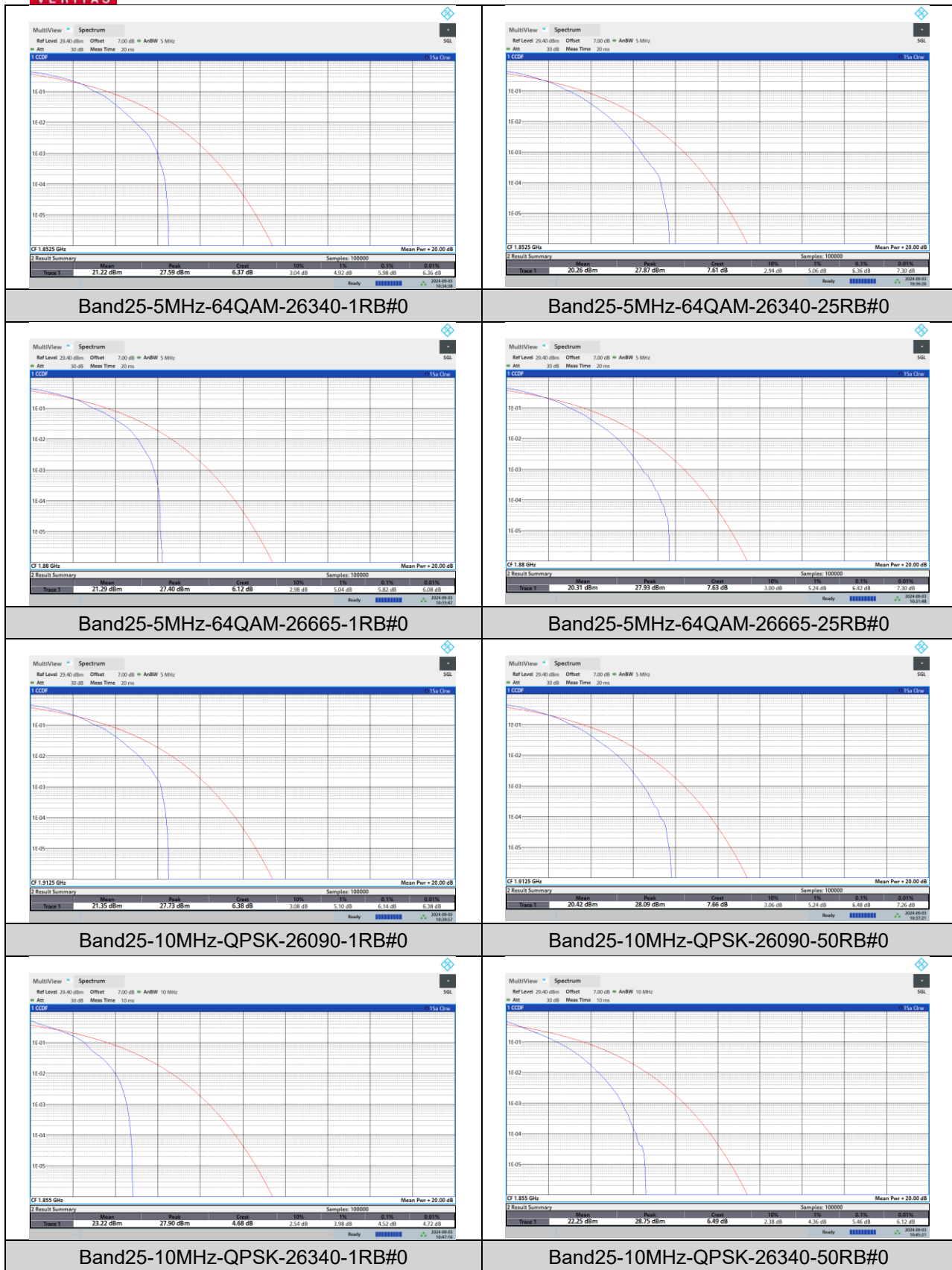
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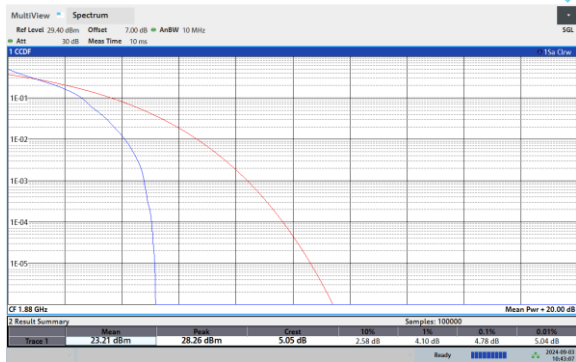
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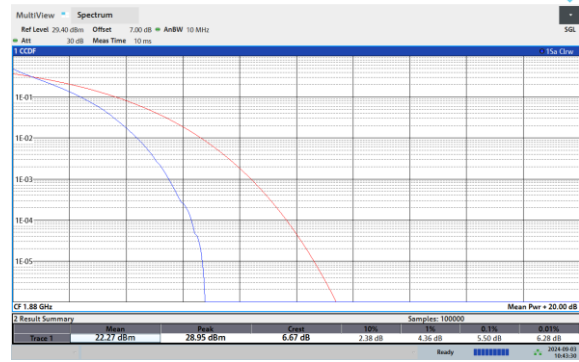


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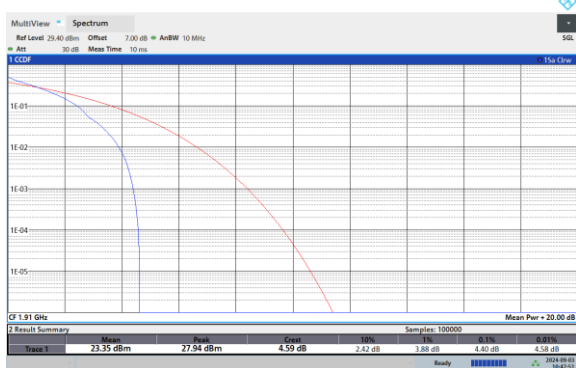
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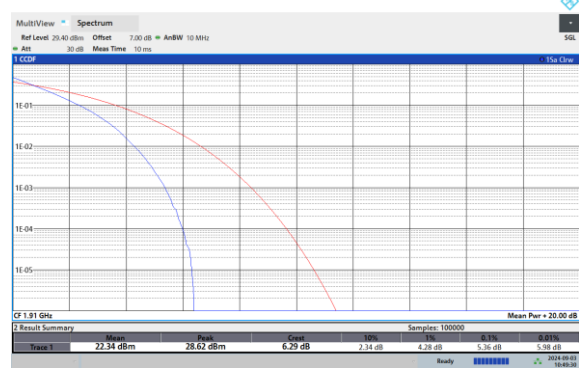
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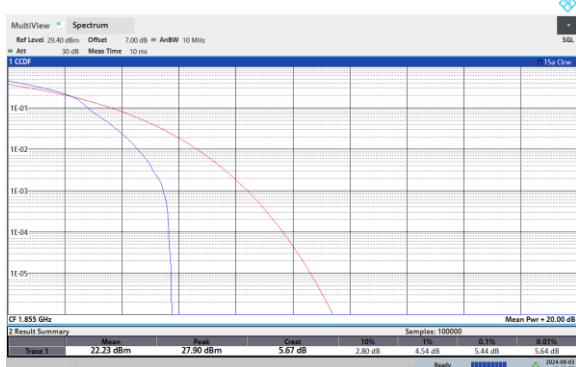
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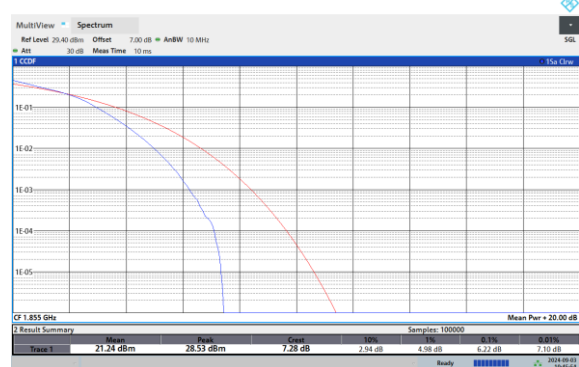
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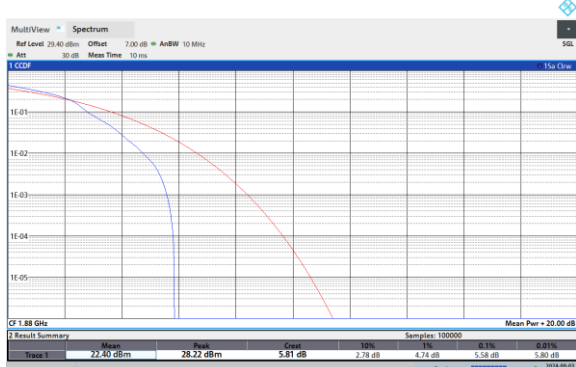
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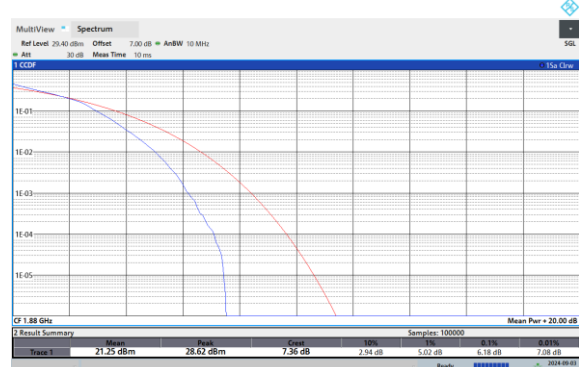
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Band25-10MHz-16QAM-26640-1RB#0



Band25-10MHz-16QAM-26640-50RB#0

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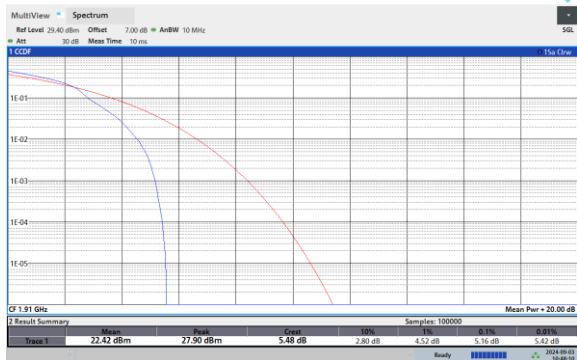
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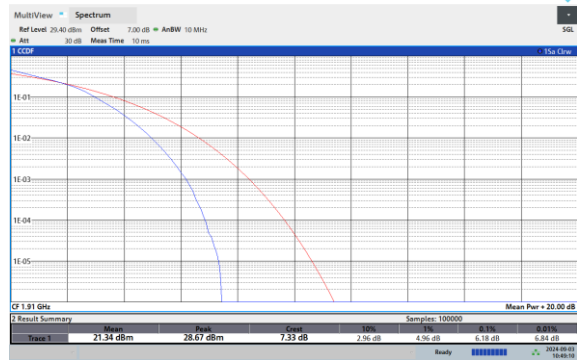


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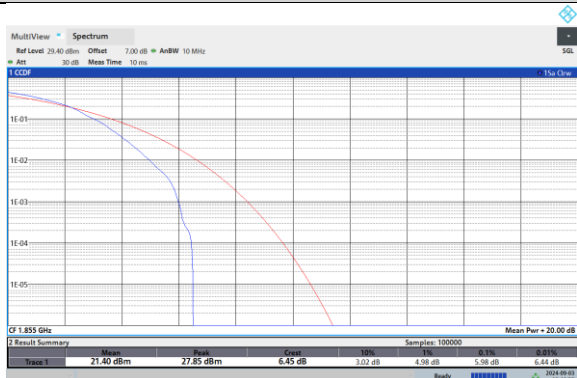
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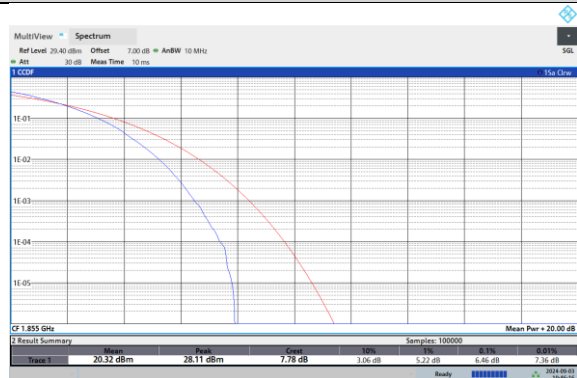
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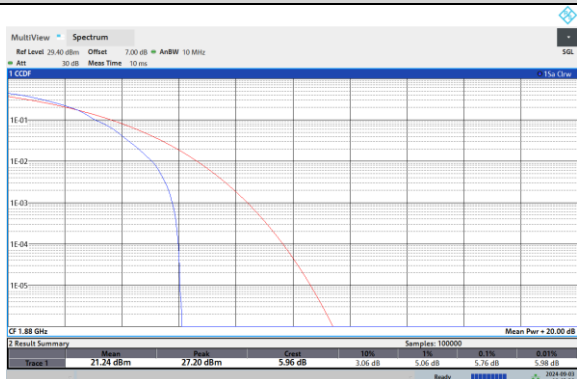
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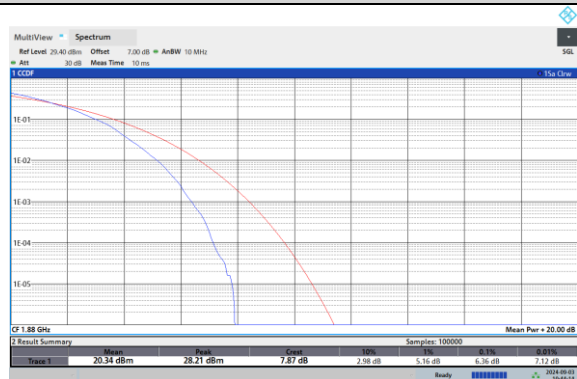
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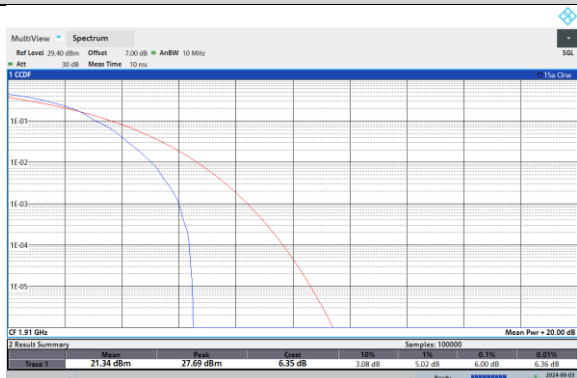
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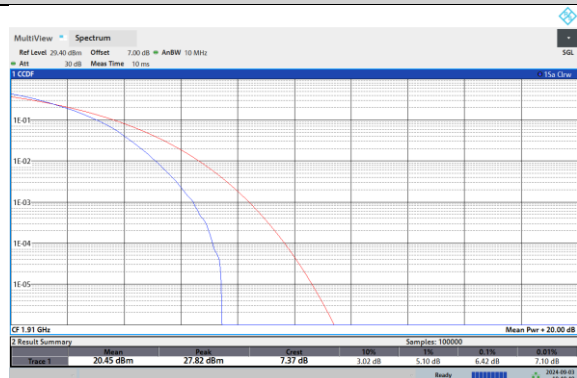
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Band25-15MHz-QPSK-26115-1RB#0



Band25-15MHz-QPSK-26115-75RB#0

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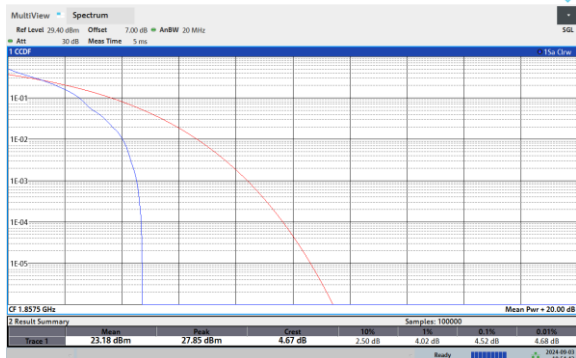
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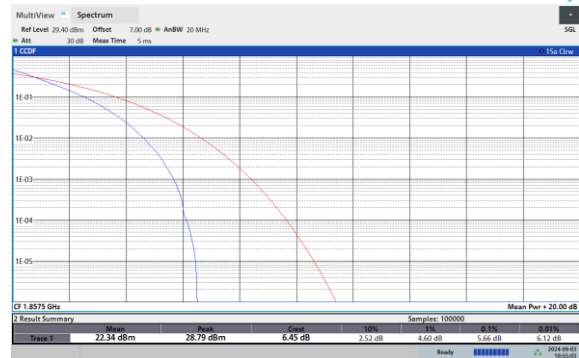


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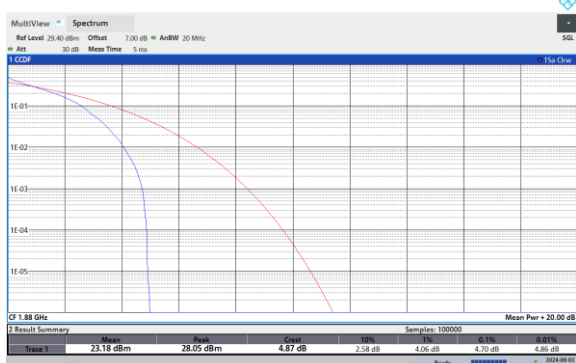
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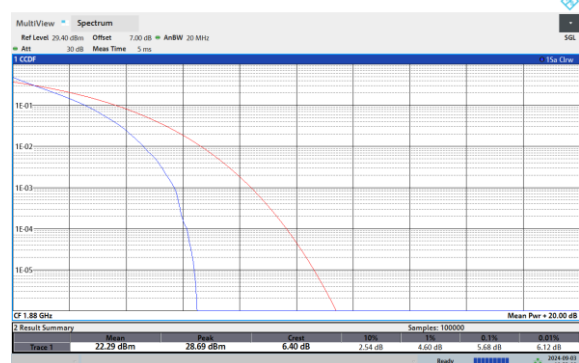
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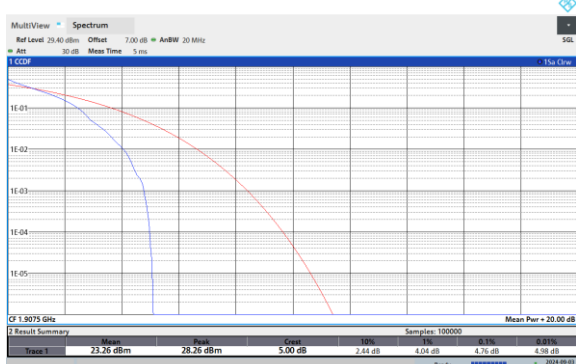
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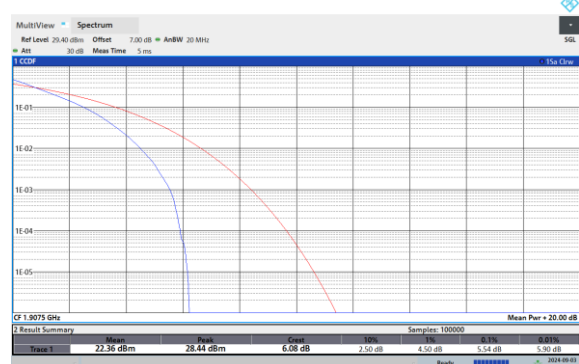
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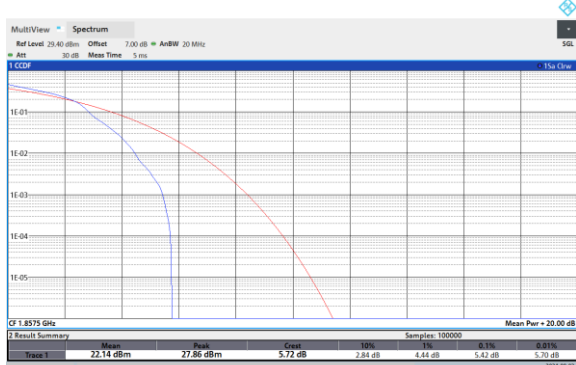
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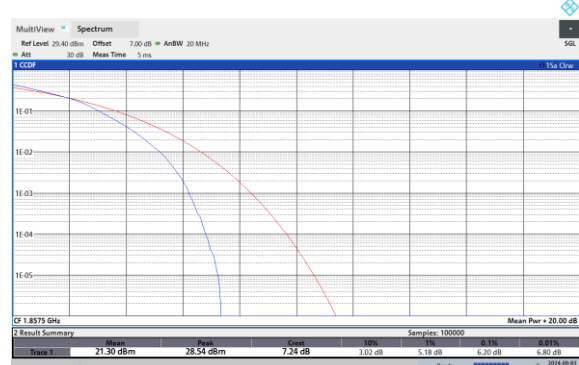
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Band25-15MHz-16QAM-26340-75RB#0

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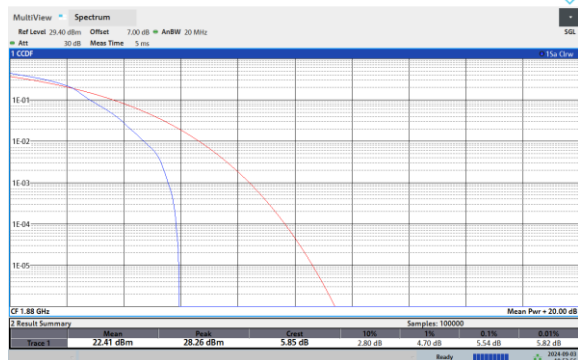
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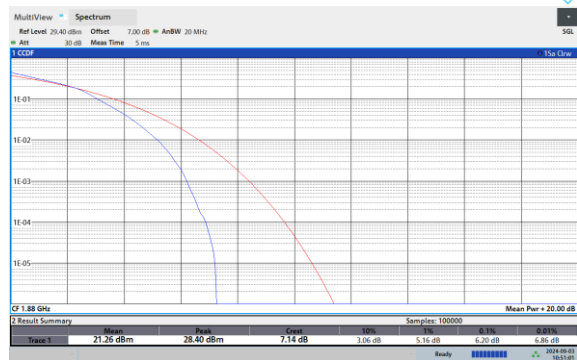


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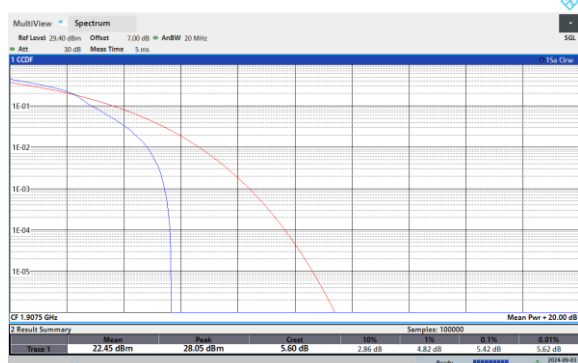
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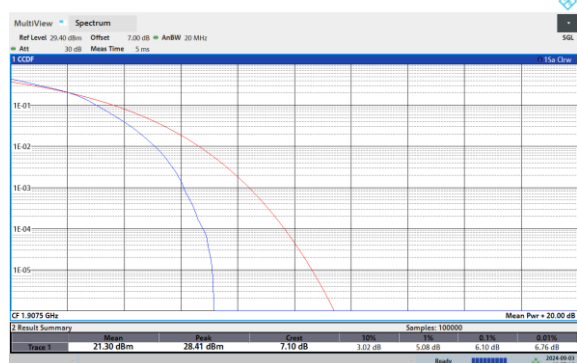
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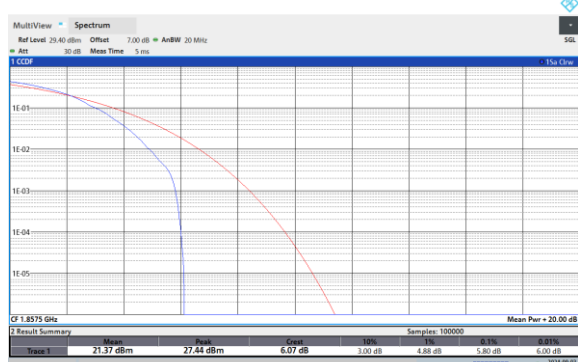
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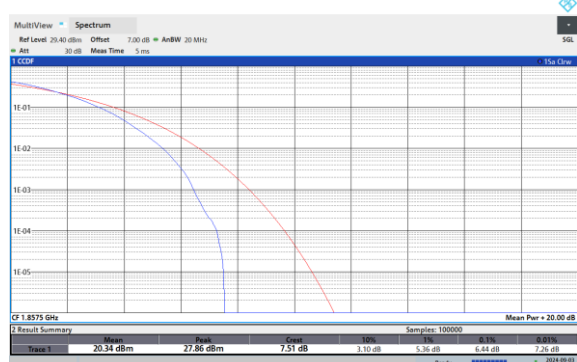
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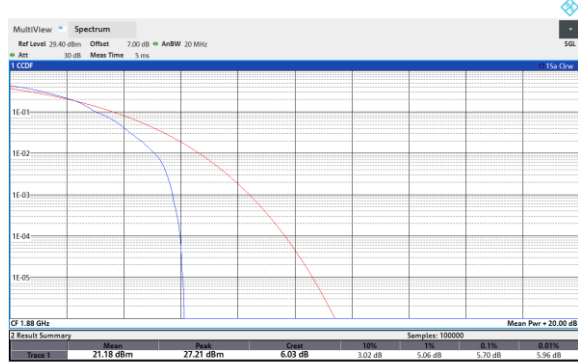
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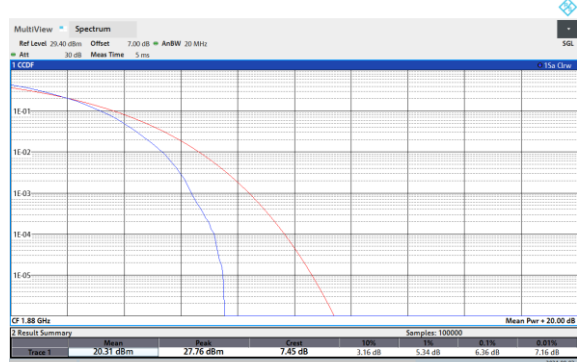
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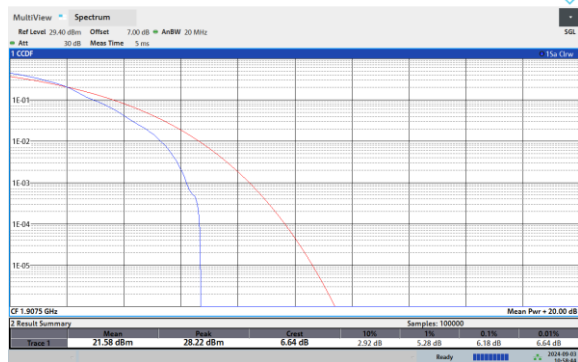
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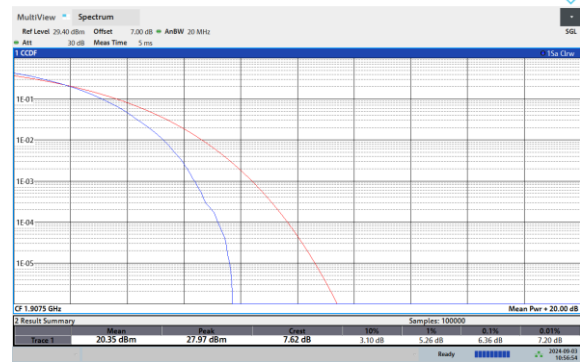


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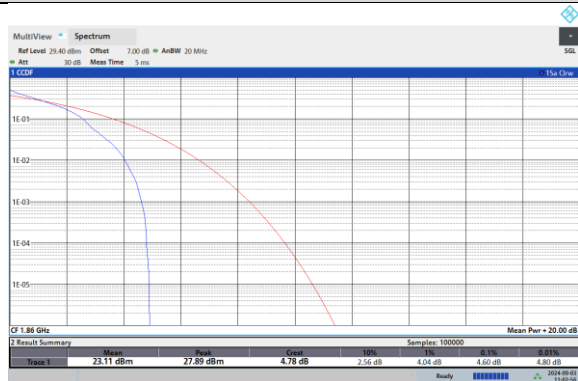
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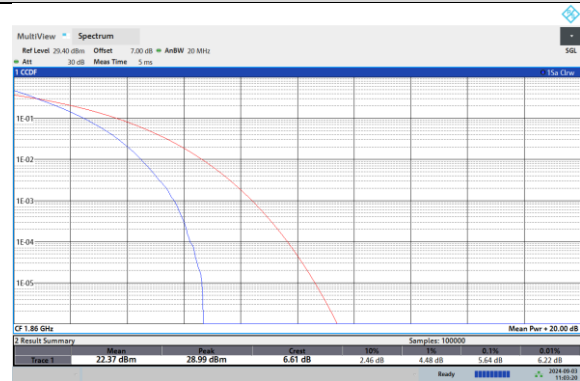
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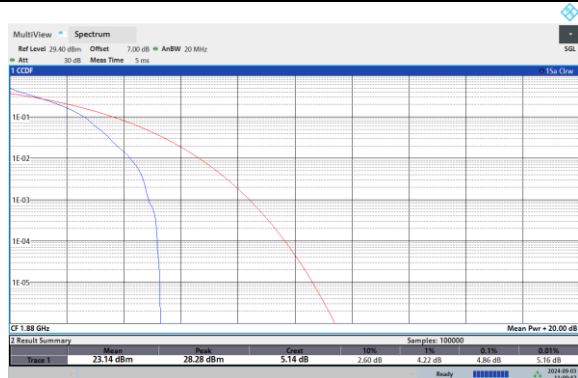
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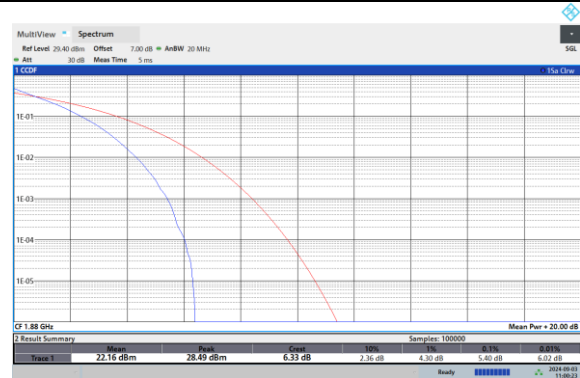
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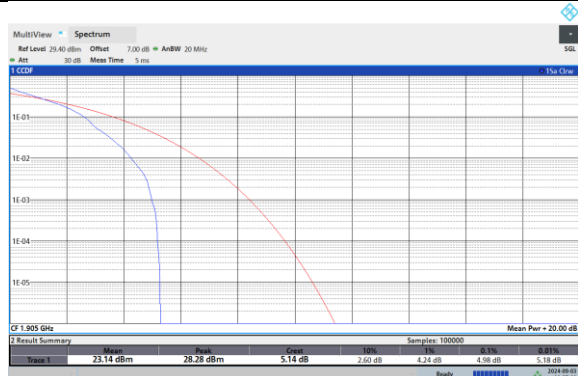
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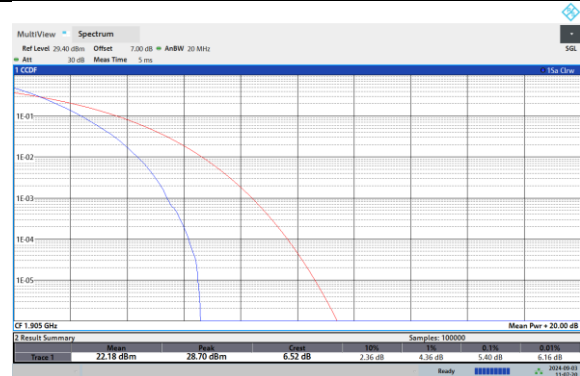
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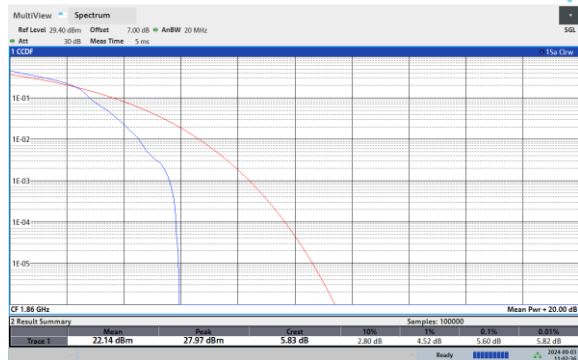
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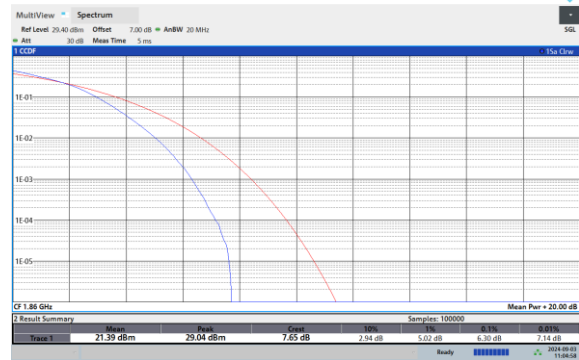


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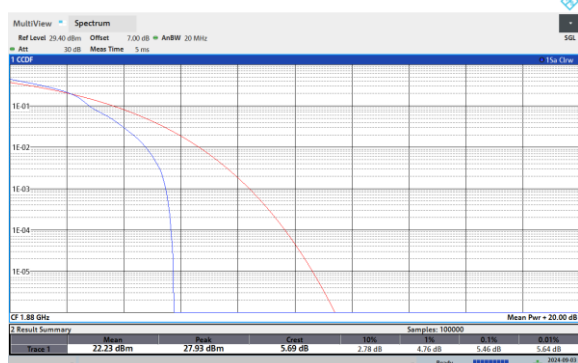
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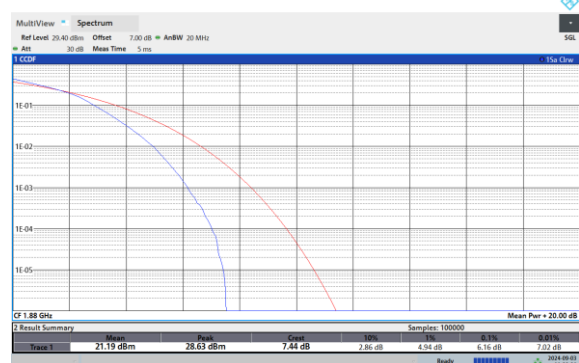
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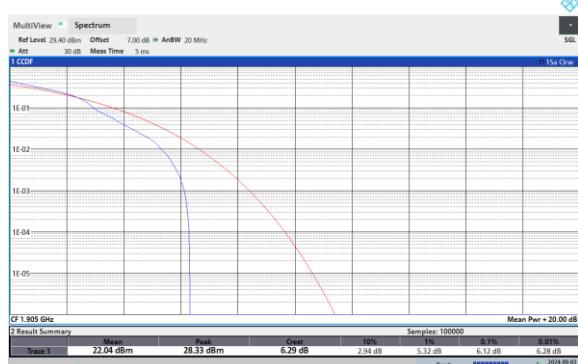
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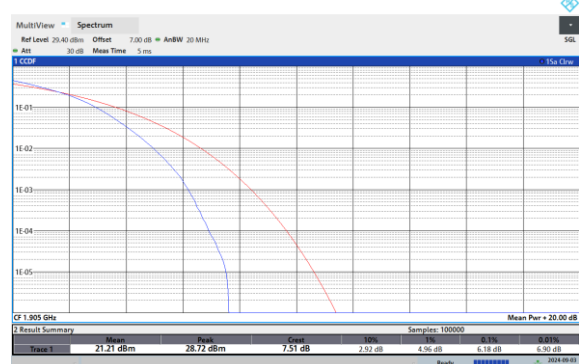
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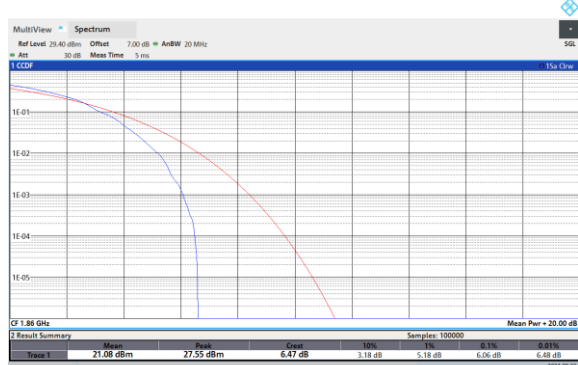
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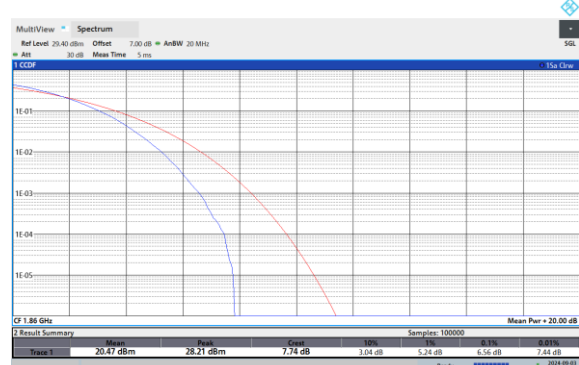
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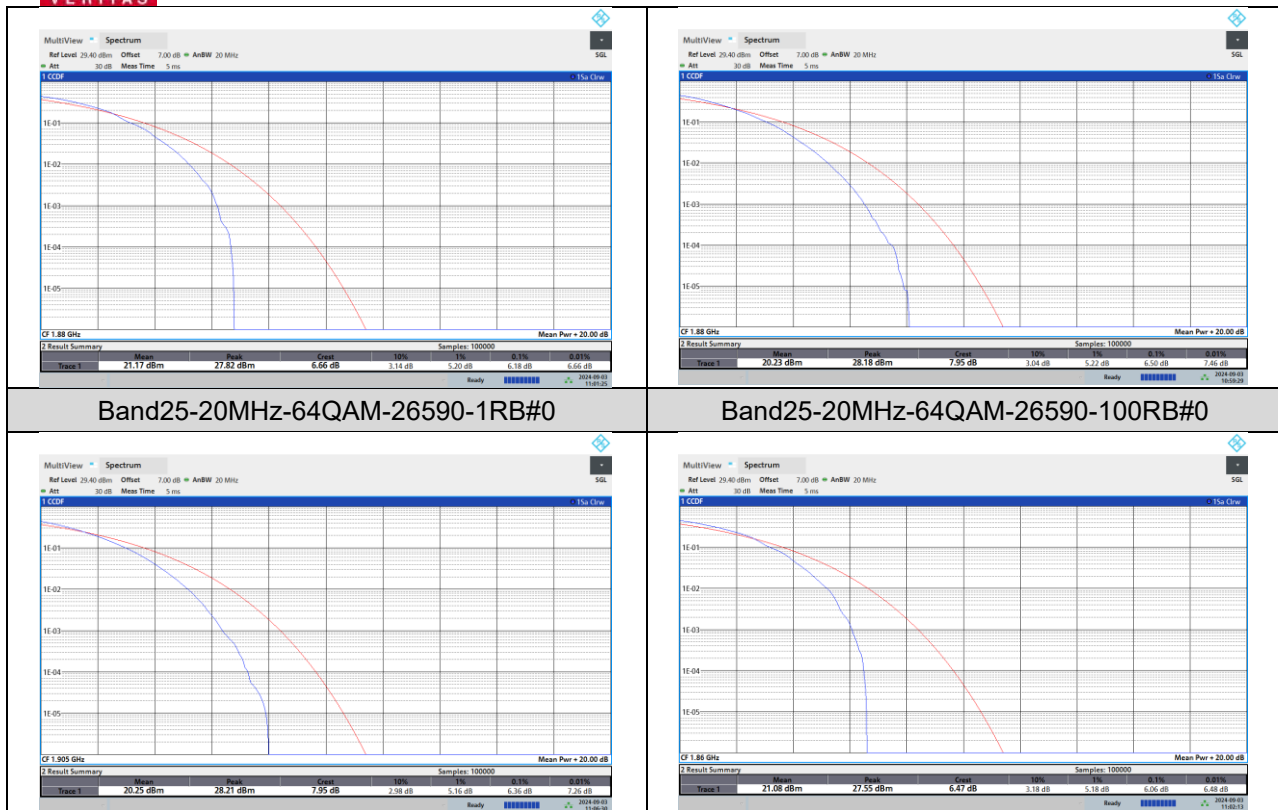
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26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band25	1.4MHz	QPSK	26047	6RB#0	1.829	1.27	PASS
Band25	1.4MHz	QPSK	26340	6RB#0	1.086	1.28	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.090	1.27	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.088	1.29	PASS
Band25	1.4MHz	16QAM	26340	6RB#0	1.082	1.25	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.085	1.26	PASS
Band25	1.4MHz	64QAM	26047	6RB#0	1.082	1.27	PASS
Band25	1.4MHz	64QAM	26340	6RB#0	1.091	1.28	PASS
Band25	1.4MHz	64QAM	26683	6RB#0	1.083	1.26	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.683	2.86	PASS
Band25	3MHz	QPSK	26340	15RB#0	2.684	2.87	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.681	2.89	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.677	2.88	PASS
Band25	3MHz	16QAM	26340	15RB#0	2.679	2.87	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.675	2.87	PASS
Band25	3MHz	64QAM	26055	15RB#0	2.683	2.87	PASS
Band25	3MHz	64QAM	26340	15RB#0	2.678	2.85	PASS
Band25	3MHz	64QAM	26675	15RB#0	2.680	2.87	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.492	5.05	PASS
Band25	5MHz	QPSK	26340	25RB#0	4.490	5.04	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.478	5.08	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.482	4.96	PASS
Band25	5MHz	16QAM	26340	25RB#0	4.495	5.00	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.487	5.08	PASS
Band25	5MHz	64QAM	26065	25RB#0	4.483	5.00	PASS
Band25	5MHz	64QAM	26340	25RB#0	4.487	5.02	PASS
Band25	5MHz	64QAM	26665	25RB#0	4.482	4.97	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.976	9.89	PASS
Band25	10MHz	QPSK	26340	50RB#0	8.953	9.80	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.953	9.77	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.952	9.77	PASS
Band25	10MHz	16QAM	26340	50RB#0	8.962	9.86	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.952	9.89	PASS
Band25	10MHz	64QAM	26090	50RB#0	8.973	9.71	PASS
Band25	10MHz	64QAM	26340	50RB#0	8.951	9.83	PASS
Band25	10MHz	64QAM	26640	50RB#0	8.949	9.83	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.501	14.97	PASS
Band25	15MHz	QPSK	26340	75RB#0	13.427	14.79	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.446	14.97	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.477	14.84	PASS
Band25	15MHz	16QAM	26340	75RB#0	13.458	14.88	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.473	14.88	PASS
Band25	15MHz	64QAM	26115	75RB#0	13.443	14.79	PASS
Band25	15MHz	64QAM	26340	75RB#0	13.464	14.88	PASS
Band25	15MHz	64QAM	26615	75RB#0	13.478	14.84	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.905	19.24	PASS
Band25	20MHz	QPSK	26340	100RB#0	17.881	19.24	PASS

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Test Report No.: PSU-NQN2407300216RF02

Band25	20MHz	QPSK	26590	100RB#0	17.903	19.54	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.930	19.42	PASS
Band25	20MHz	16QAM	26340	100RB#0	17.892	19.48	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.868	19.30	PASS
Band25	20MHz	64QAM	26140	100RB#0	17.907	19.48	PASS
Band25	20MHz	64QAM	26340	100RB#0	17.885	19.42	PASS
Band25	20MHz	64QAM	26590	100RB#0	17.856	19.18	PASS



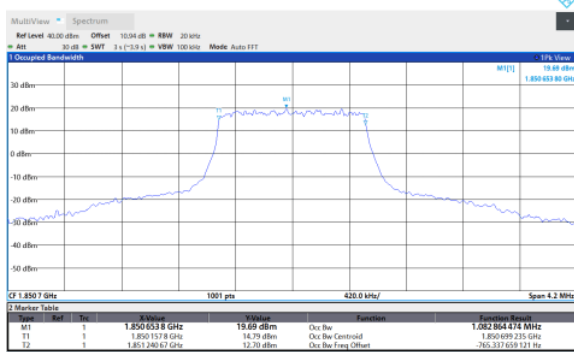
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Test Report No.: PSU-NQN2407300216RF02

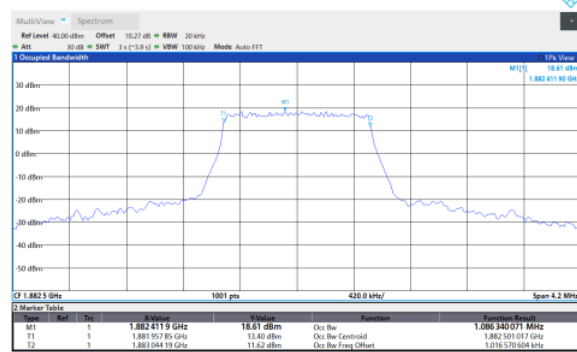
Test Graphs

Occupied Bandwidth

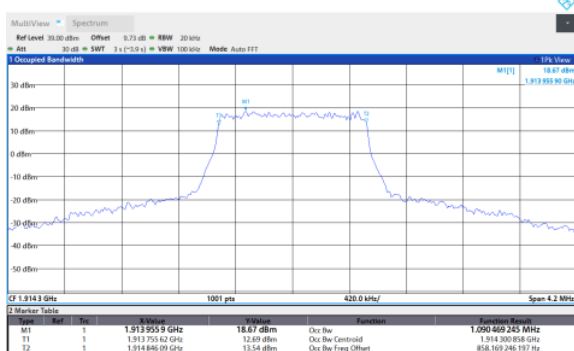
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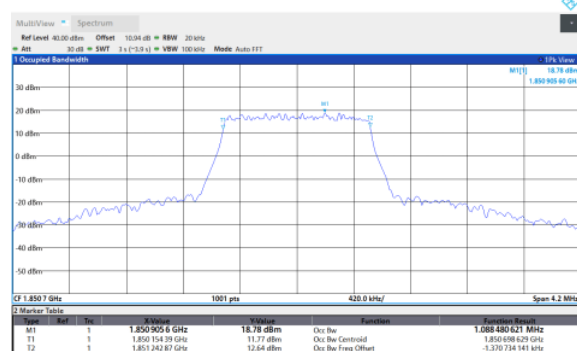
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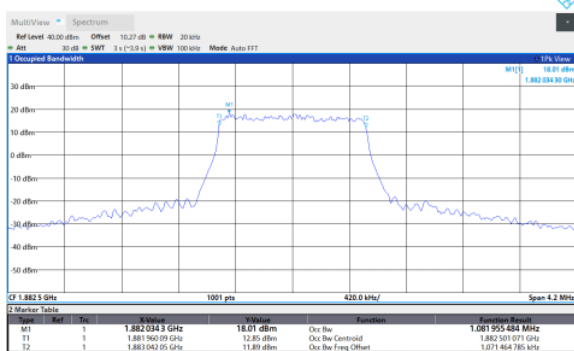
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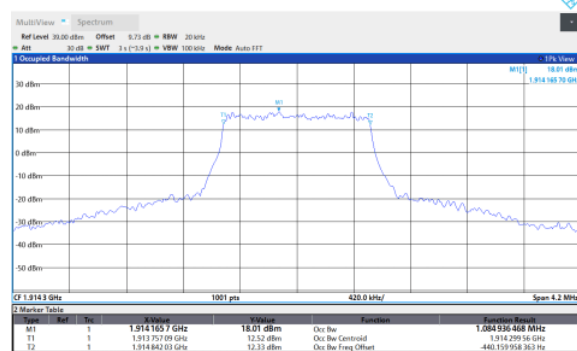
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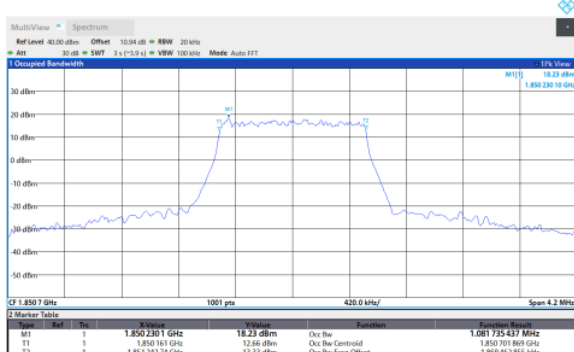
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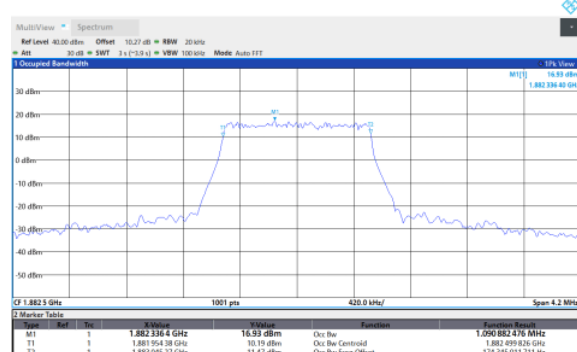
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Band25-1.4MHz-64QAM-26047-6RB#0



Band25-1.4MHz-64QAM-26340-6RB#0



Band25-1.4MHz-64QAM-26683-6RB#0

Band25-3MHz-QPSK-26055-15RB#

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