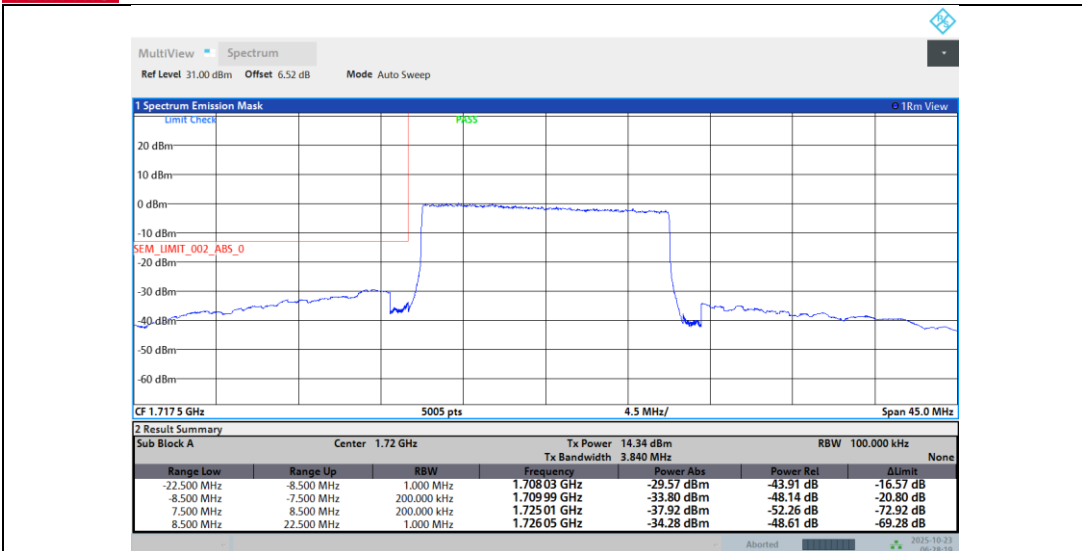
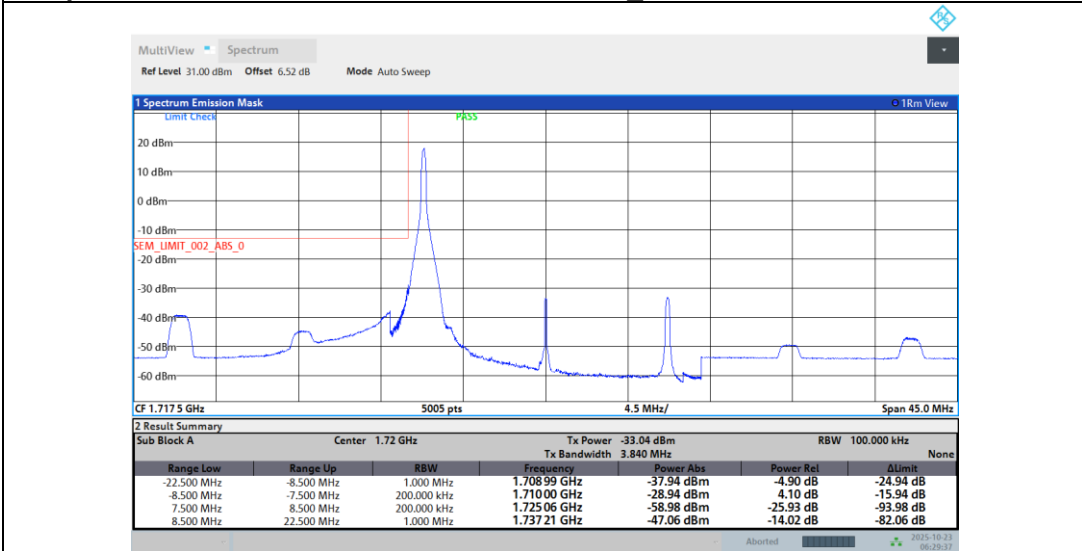
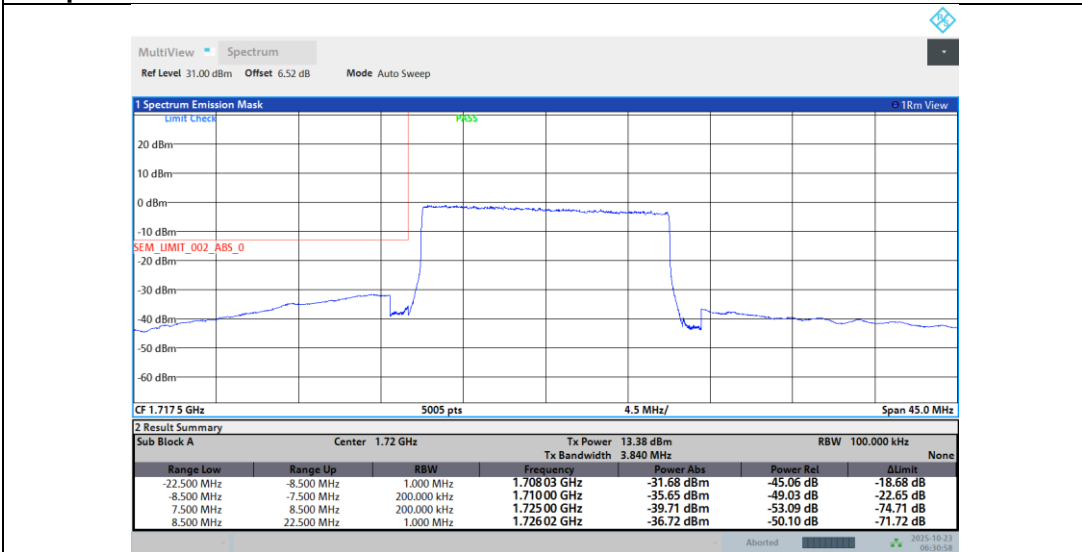




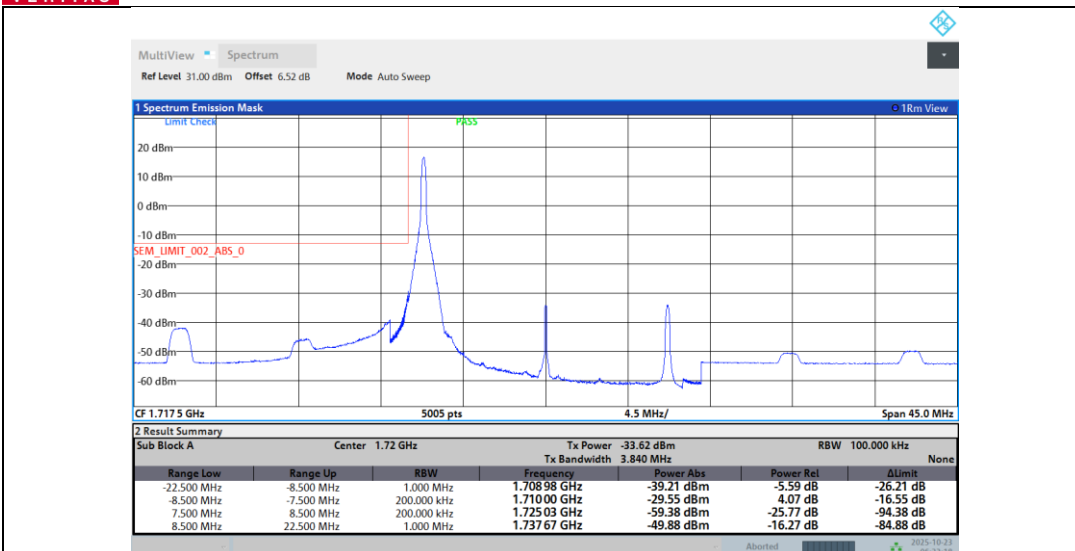
Graph51 LOW BAND EDGE BLOCK-1RB-LOW_offset



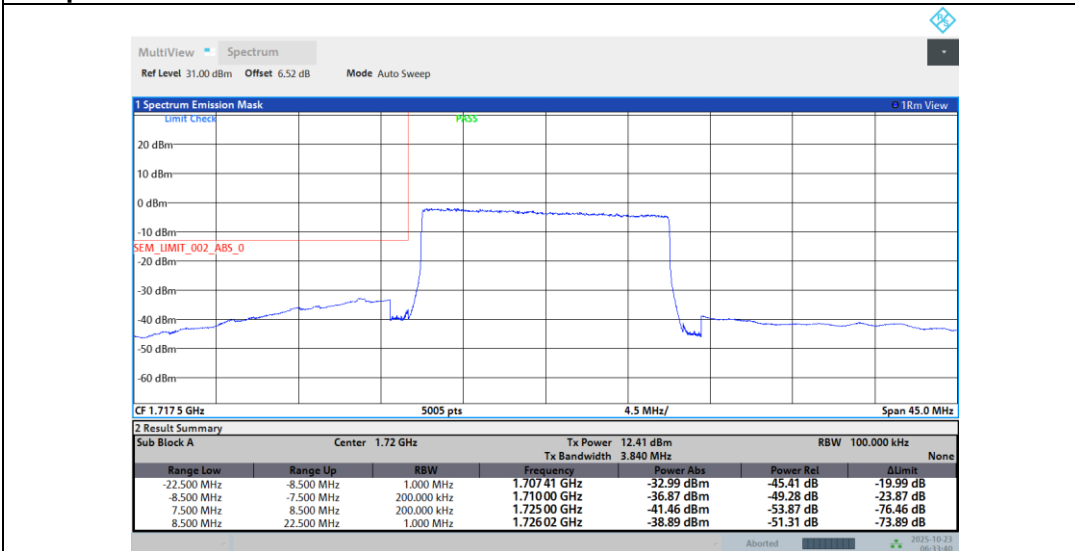
Graph52 LOW BAND EDGE BLOCK-15MHz-100%RB



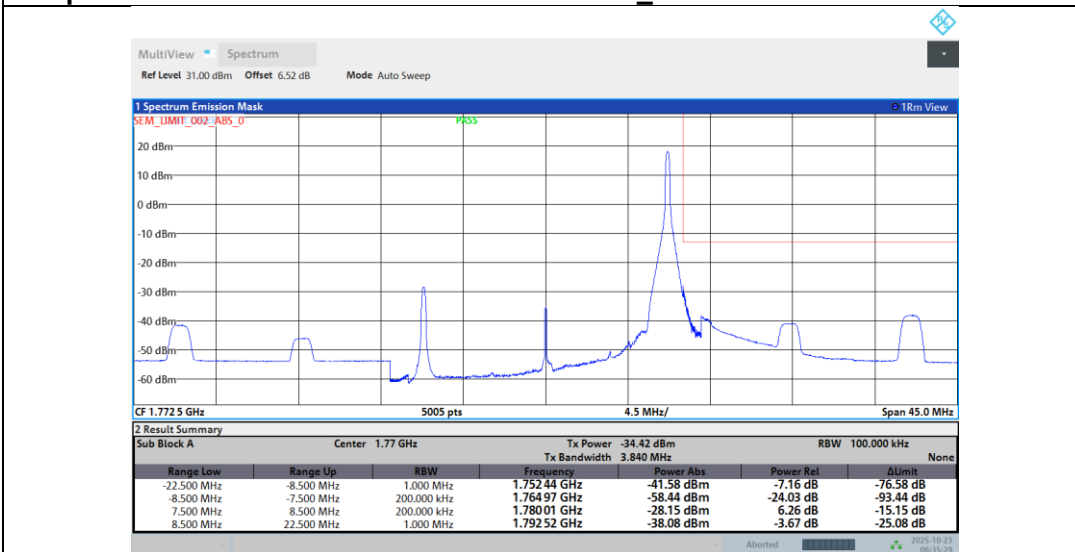
Graph53 LOW BAND EDGE BLOCK-1RB-LOW_offset



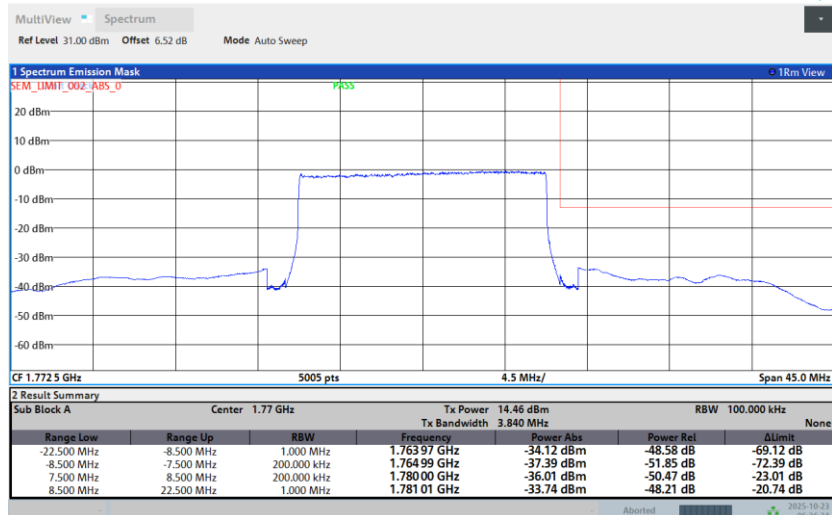
Graph54 LOW BAND EDGE BLOCK-15MHz-100%RB



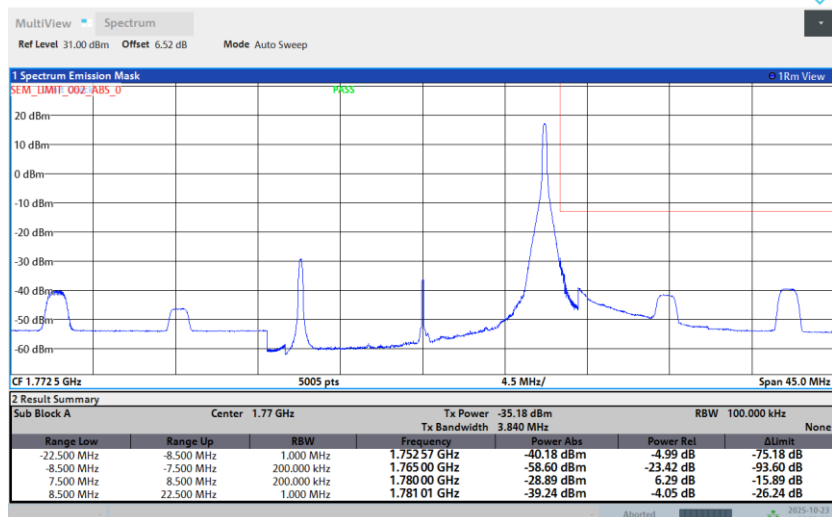
Graph55 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



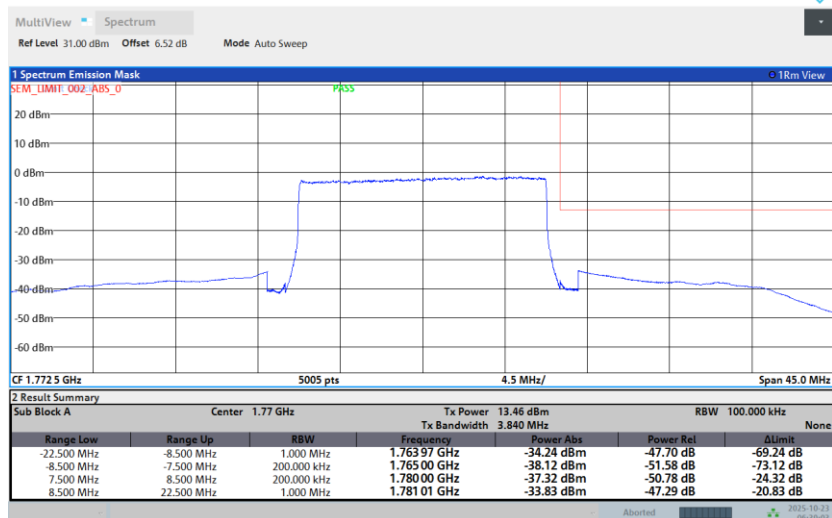
Graph56 HIGH BAND EDGE BLOCK-15MHz-100%RB



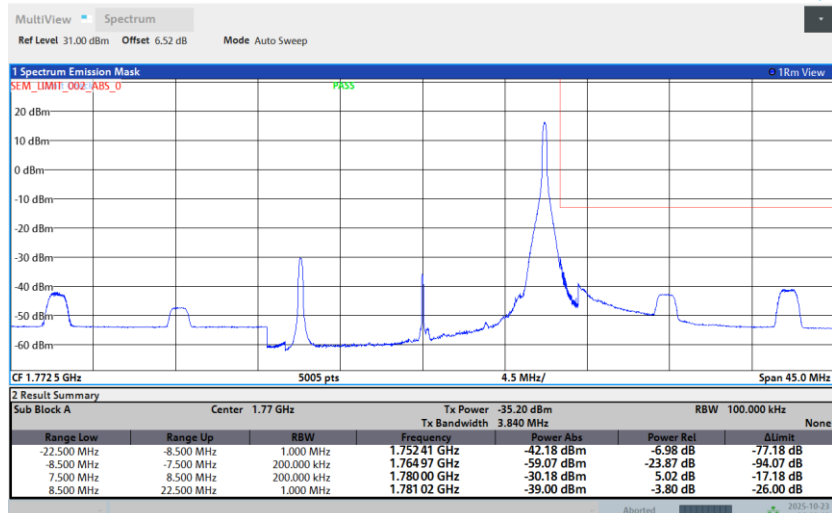
Graph57 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



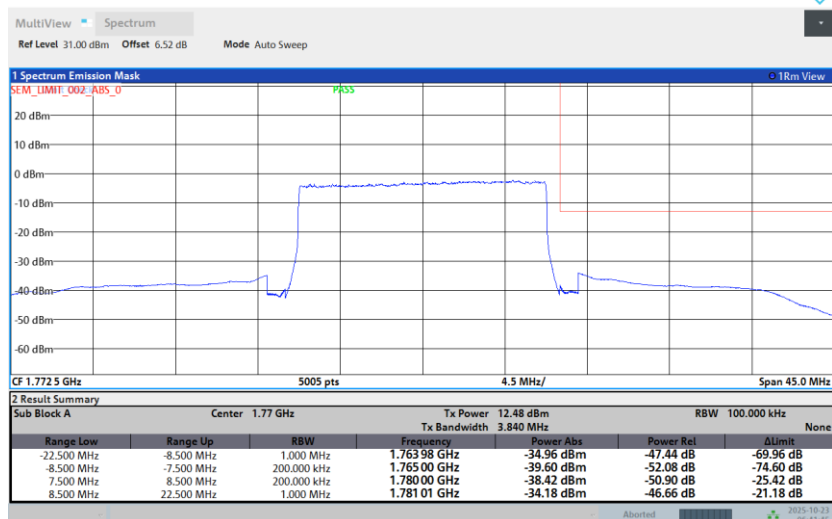
Graph58 HIGH BAND EDGE BLOCK-15MHz-100%RB



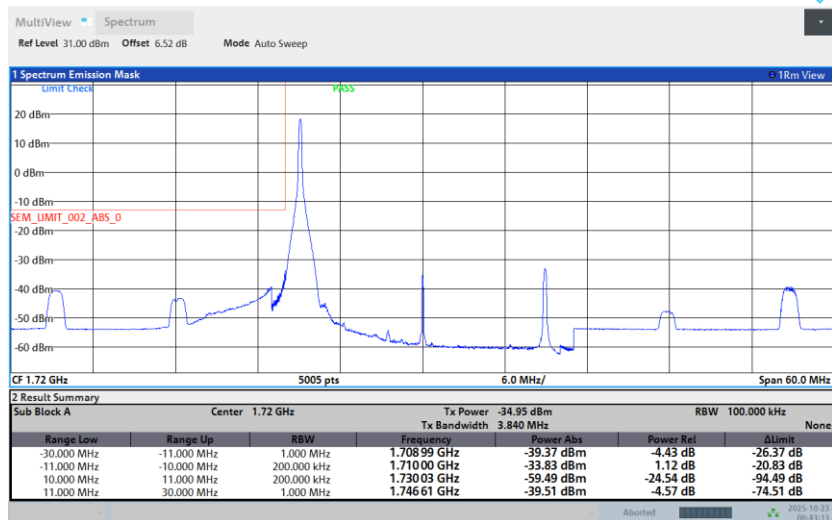
Graph59 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



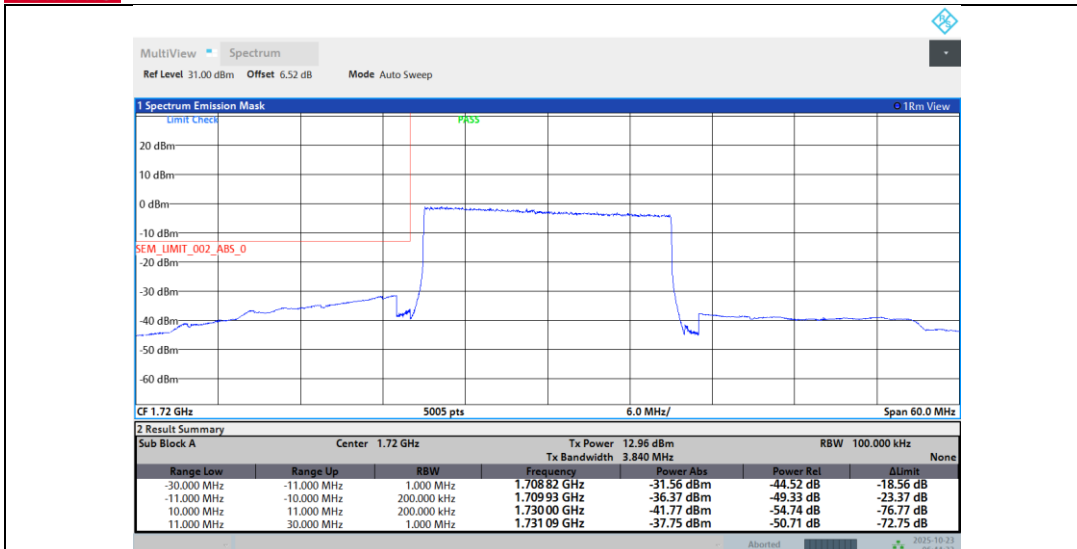
Graph60 HIGH BAND EDGE BLOCK-15MHz-100%RB



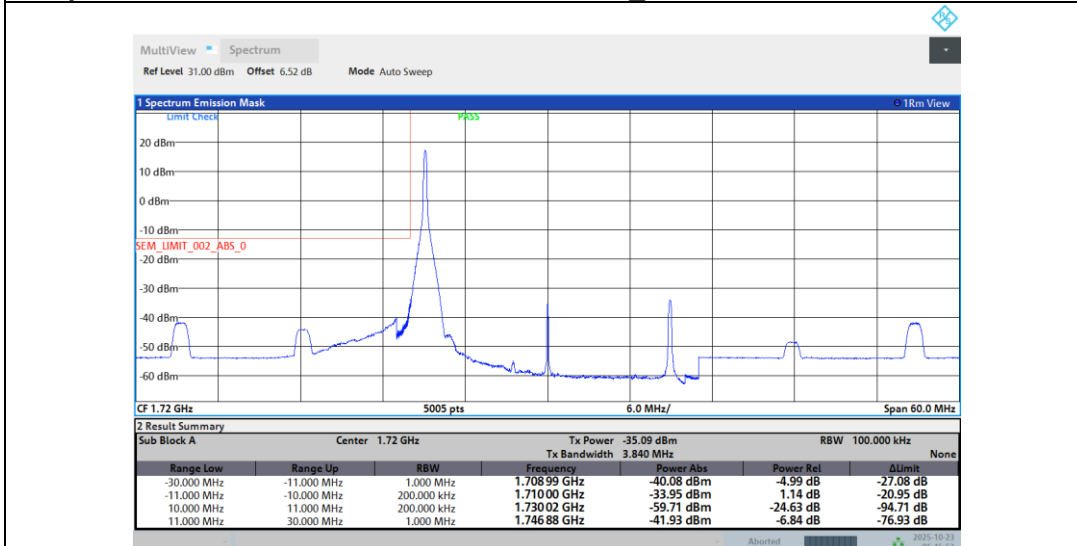
Graph61 LOW BAND EDGE BLOCK-1RB-LOW_offset



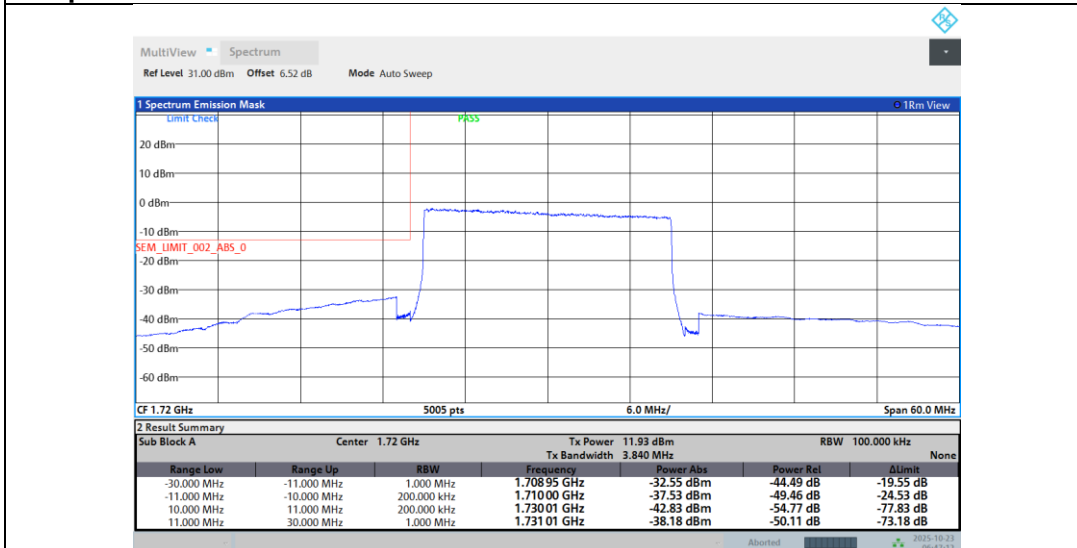
Graph62 LOW BAND EDGE BLOCK-20MHz-100%RB



Graph63 LOW BAND EDGE BLOCK-1RB-LOW_offset



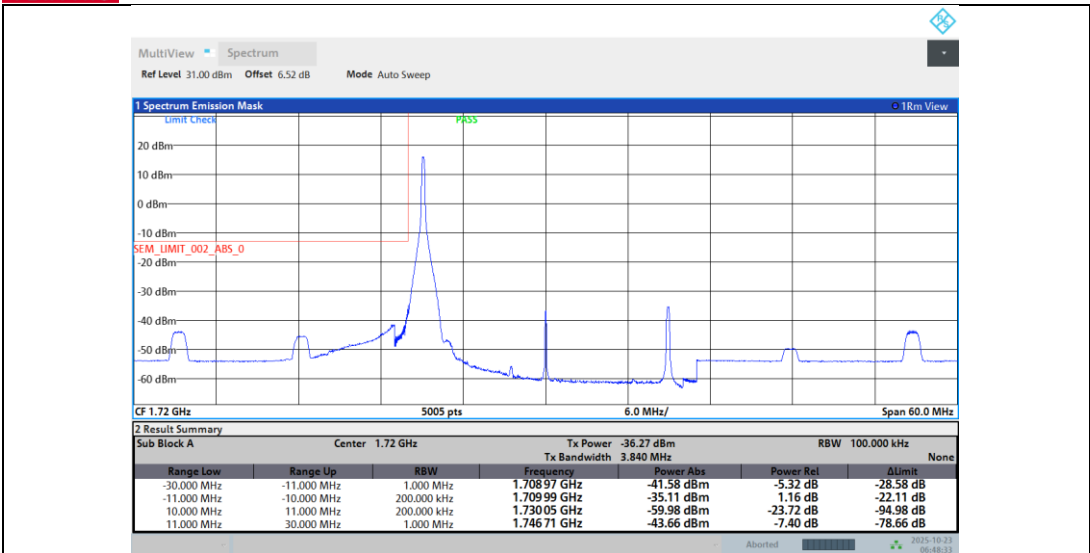
Graph64 LOW BAND EDGE BLOCK-20MHz-100%RB



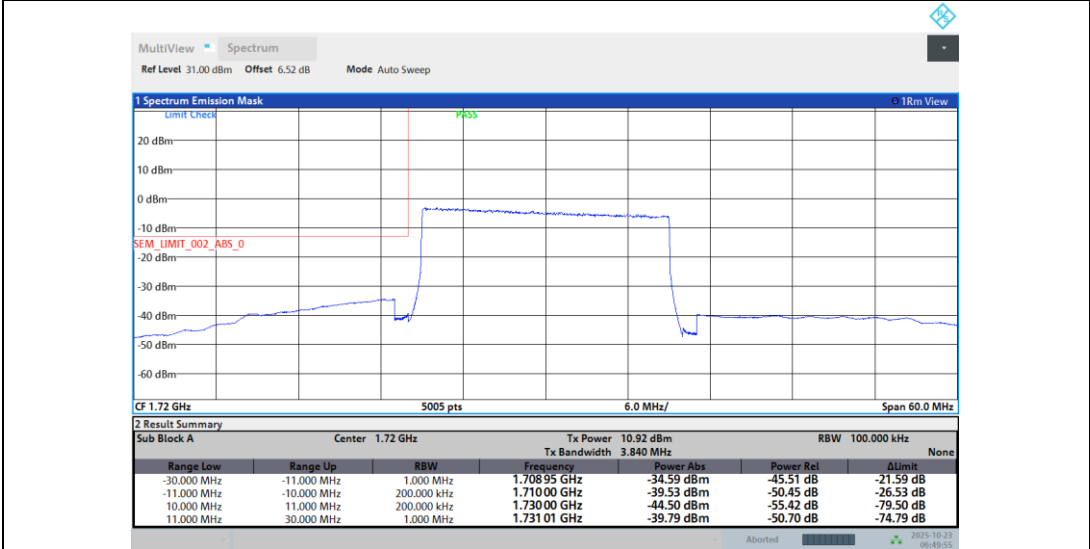
Graph65 LOW BAND EDGE BLOCK-1RB-LOW_offset



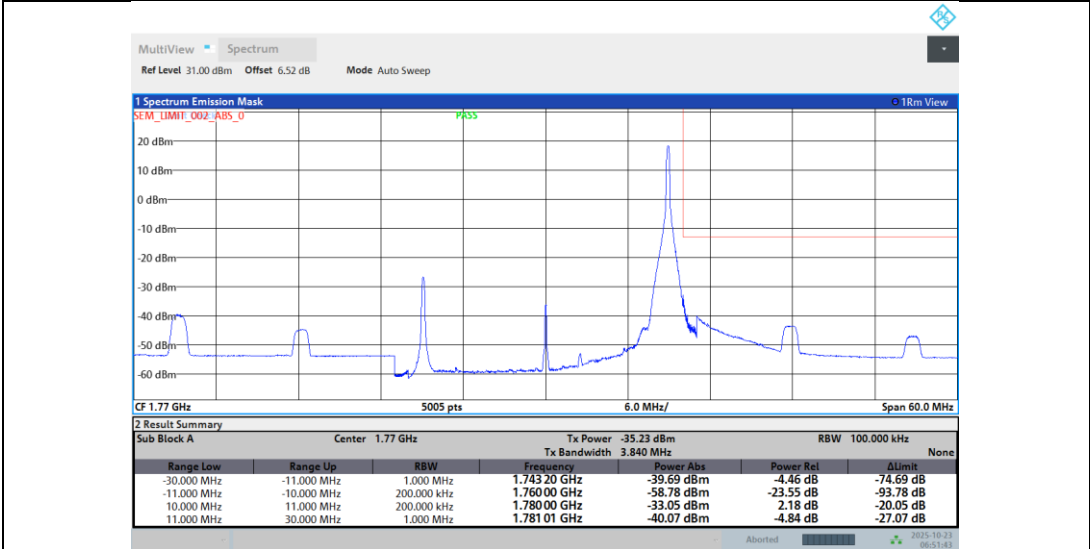
Test Report No.: PSU-NQN2509250114RF09



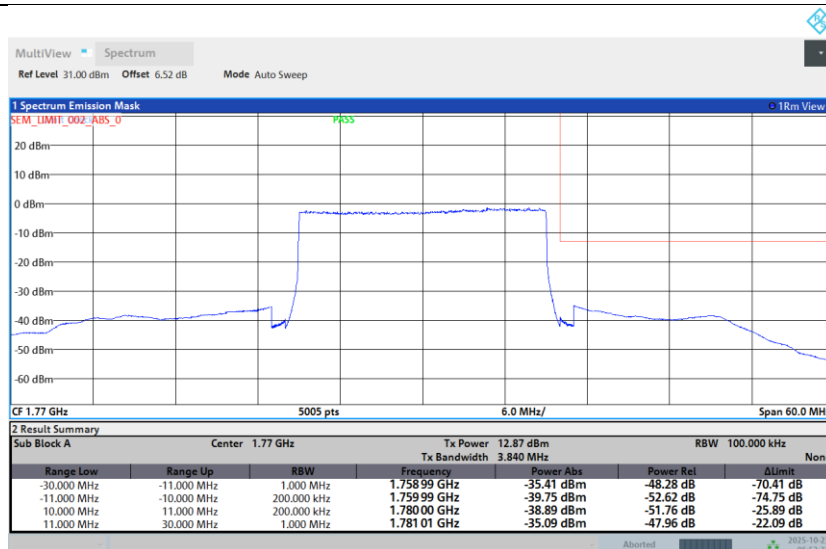
Graph66 LOW BAND EDGE BLOCK-20MHz-100%RB



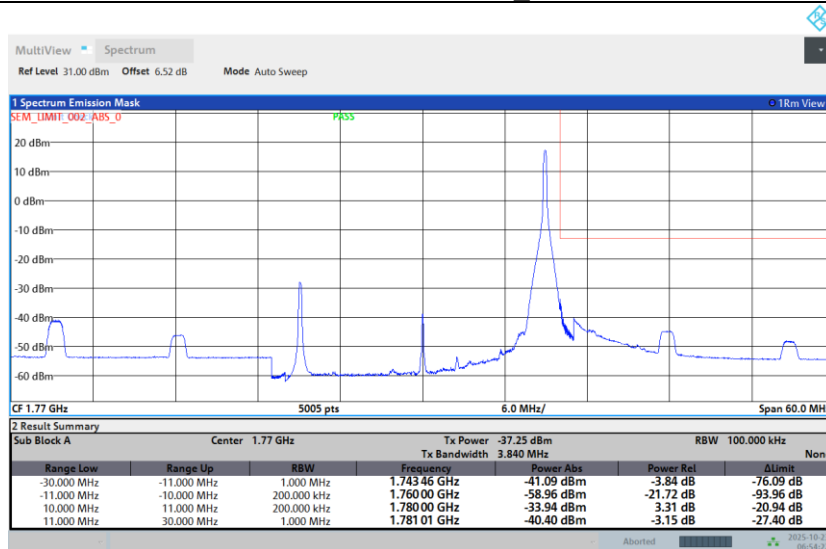
Graph67 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



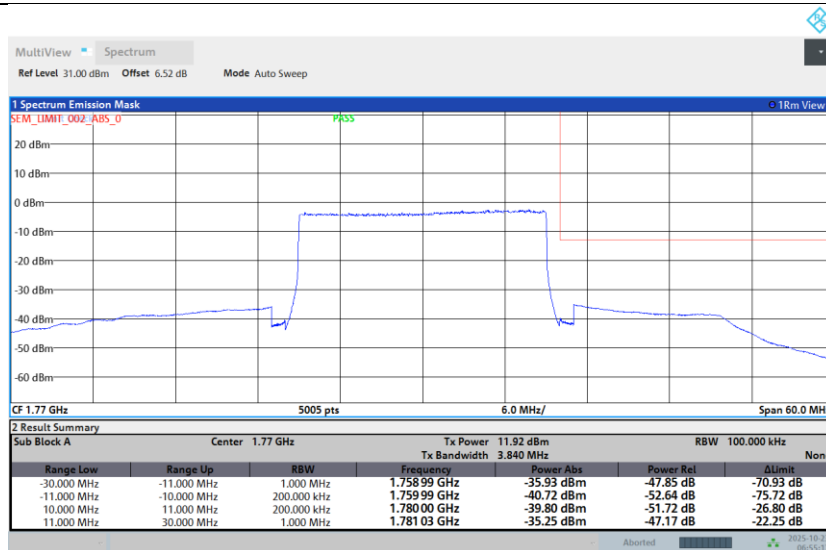
Graph68 HIGH BAND EDGE BLOCK-20MHz-100%RB



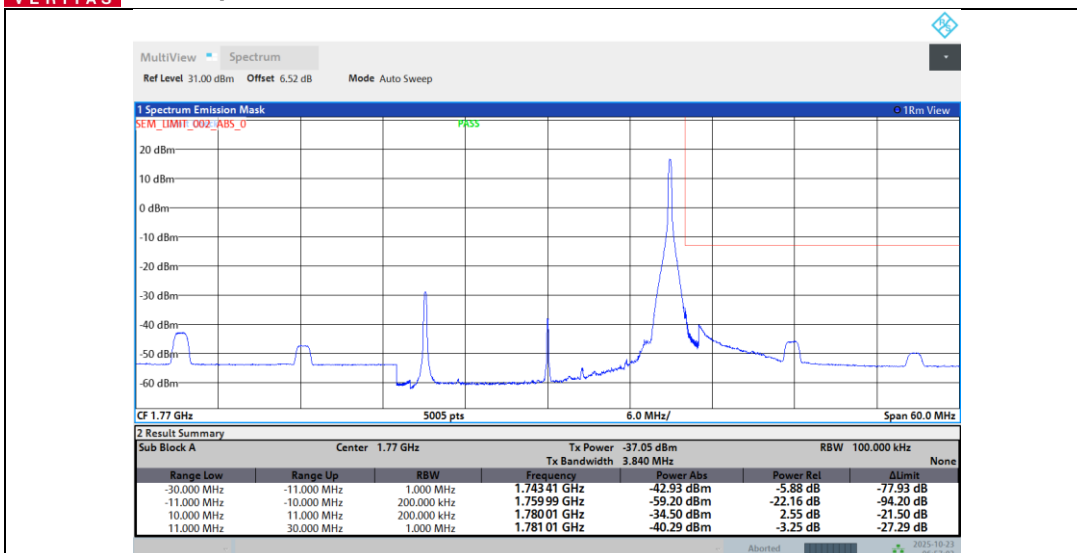
Graph69 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



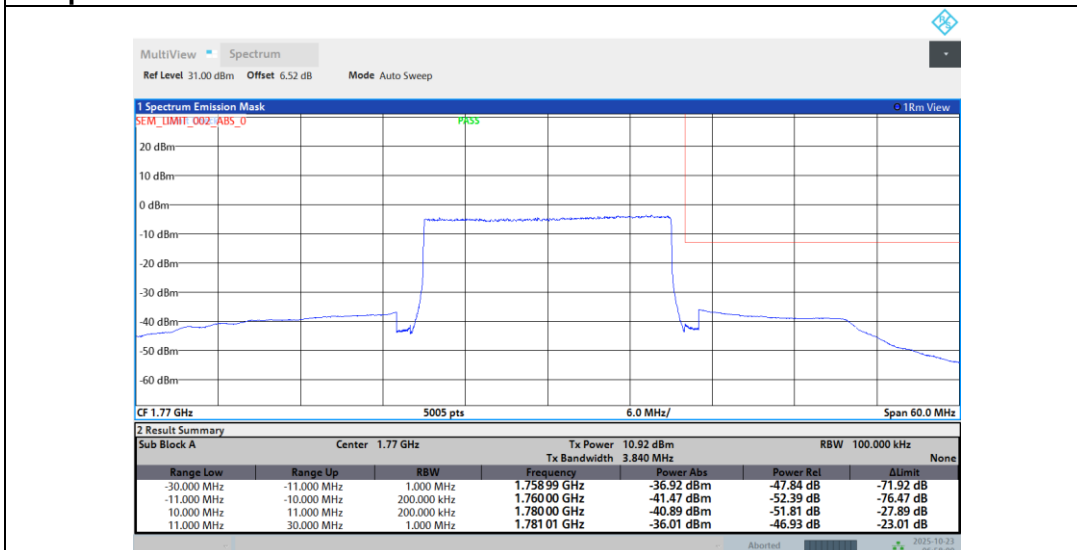
Graph70 HIGH BAND EDGE BLOCK-20MHz-100%RB



Graph71 HIGH BAND EDGE BLOCK-1RB-HIGH_offset



Graph72 HIGH BAND EDGE BLOCK-20MHz-100%RB





CONDUCTED SPURIOUS EMISSION

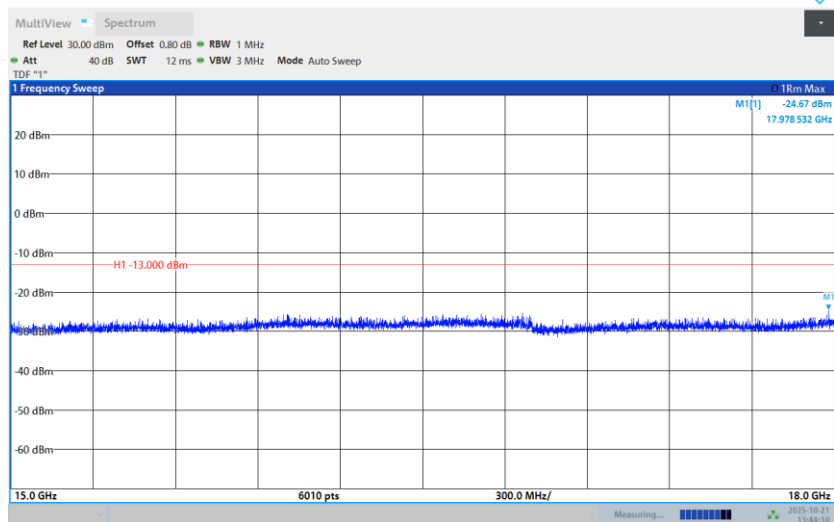
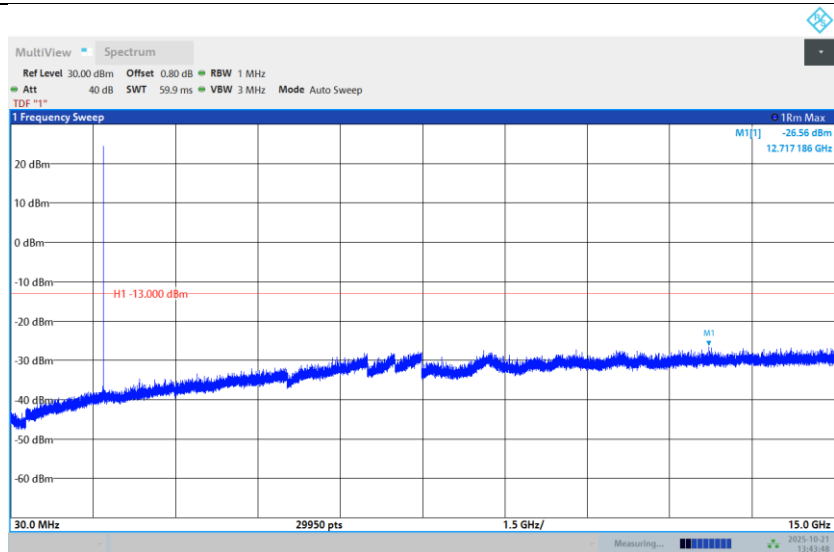
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
1.4MHz	QPSK	131979	1RB Low	See Graph1	PASS
1.4MHz	QPSK	132322	1RB Low	See Graph2	PASS
1.4MHz	QPSK	132665	1RB Low	See Graph3	PASS
3MHz	QPSK	131987	1RB Low	See Graph4	PASS
3MHz	QPSK	132322	1RB Low	See Graph5	PASS
3MHz	QPSK	132657	1RB Low	See Graph6	PASS
5MHz	QPSK	131997	1RB Low	See Graph7	PASS
5MHz	QPSK	132322	1RB Low	See Graph8	PASS
5MHz	QPSK	132647	1RB Low	See Graph9	PASS
10MHz	QPSK	132022	1RB Low	See Graph10	PASS
10MHz	QPSK	132322	1RB Low	See Graph11	PASS
10MHz	QPSK	132622	1RB Low	See Graph12	PASS
15MHz	QPSK	132047	1RB Low	See Graph13	PASS
15MHz	QPSK	132322	1RB Low	See Graph14	PASS
15MHz	QPSK	132597	1RB Low	See Graph15	PASS
20MHz	QPSK	132072	1RB Low	See Graph16	PASS
20MHz	QPSK	132322	1RB Low	See Graph17	PASS
20MHz	QPSK	132572	1RB Low	See Graph18	PASS

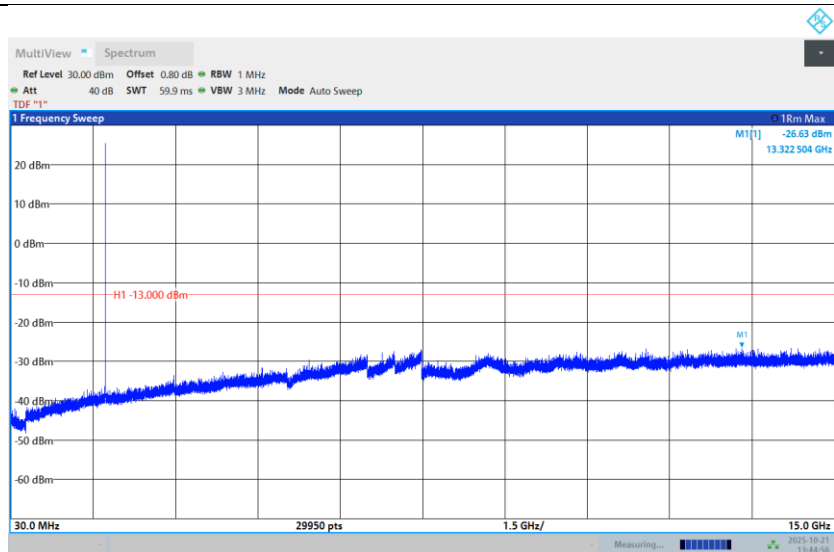


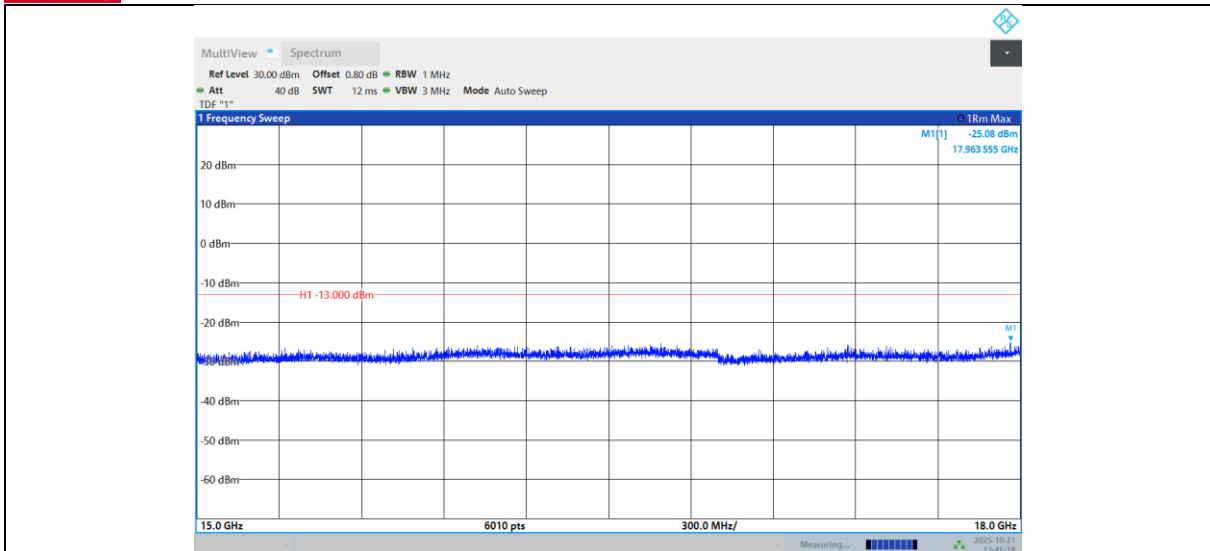
Test Graphs

Graph1

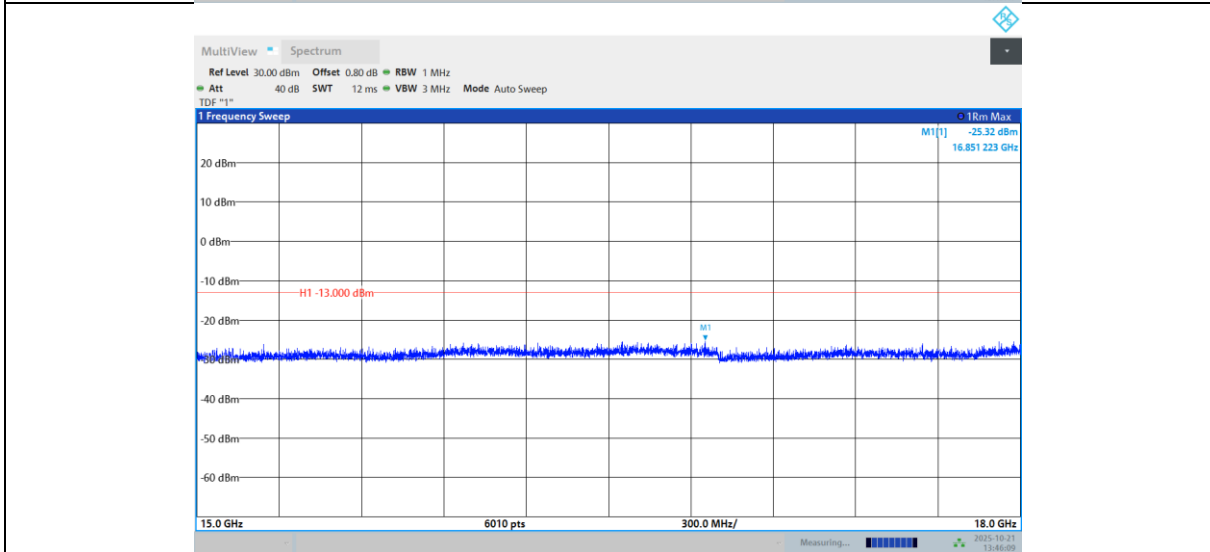
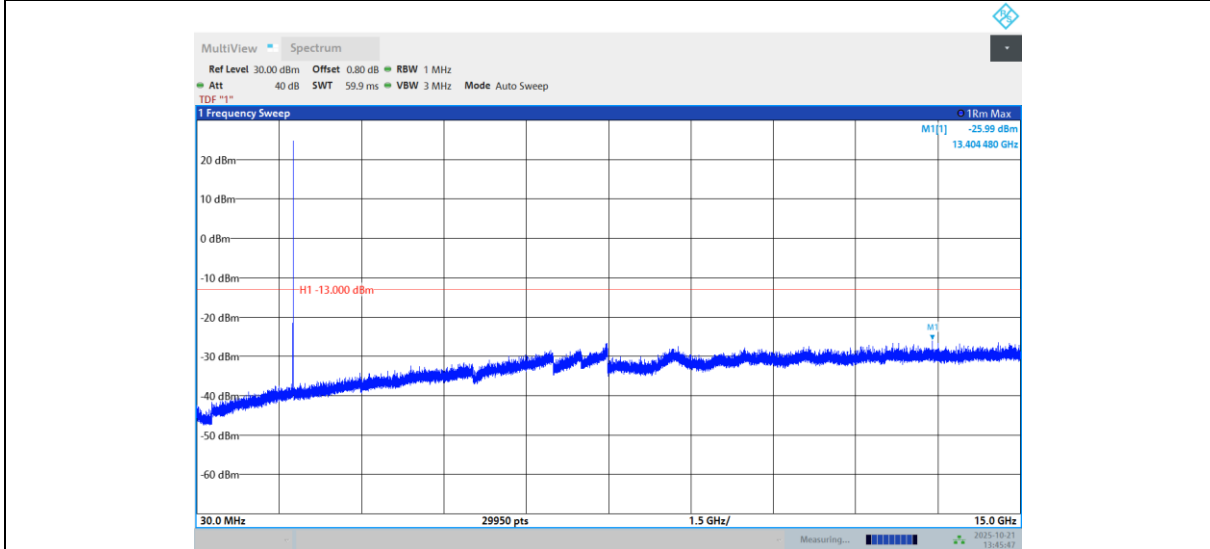


Graph2

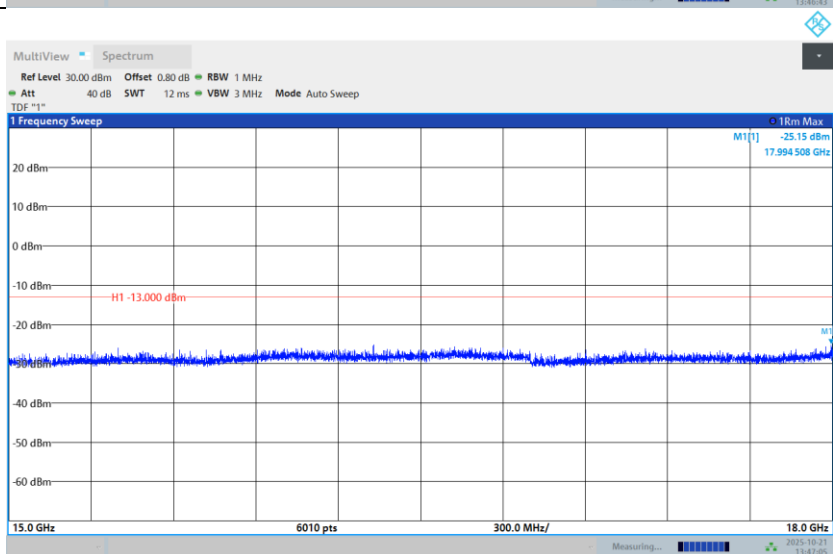
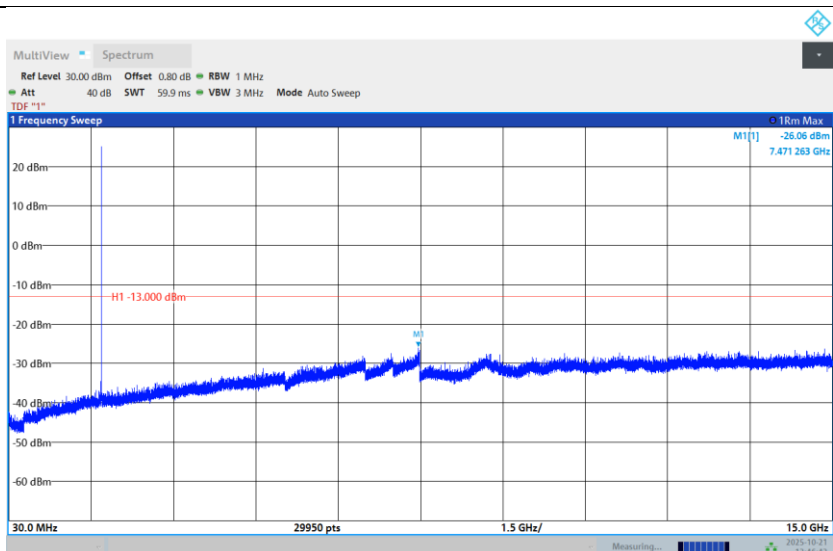




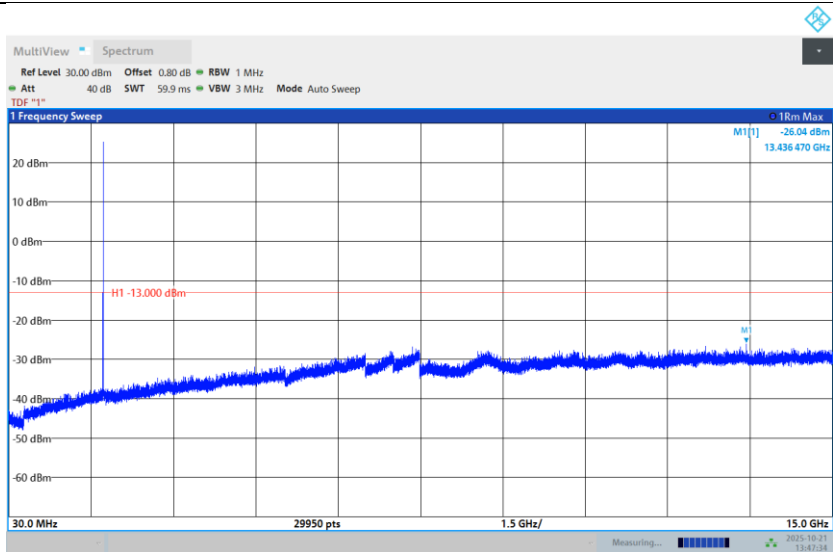
Graph3

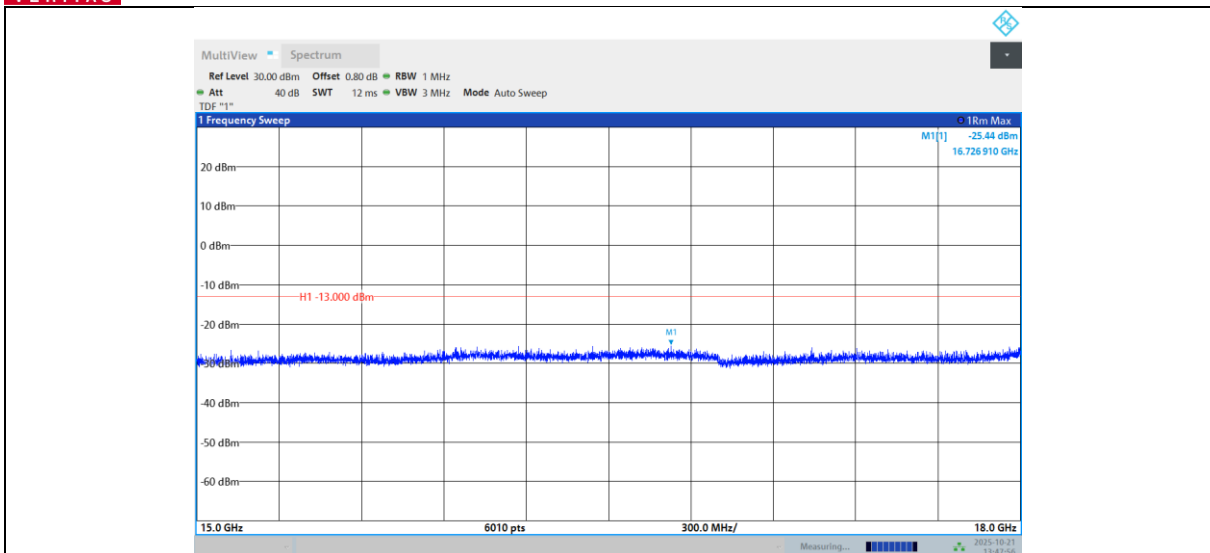


Graph4

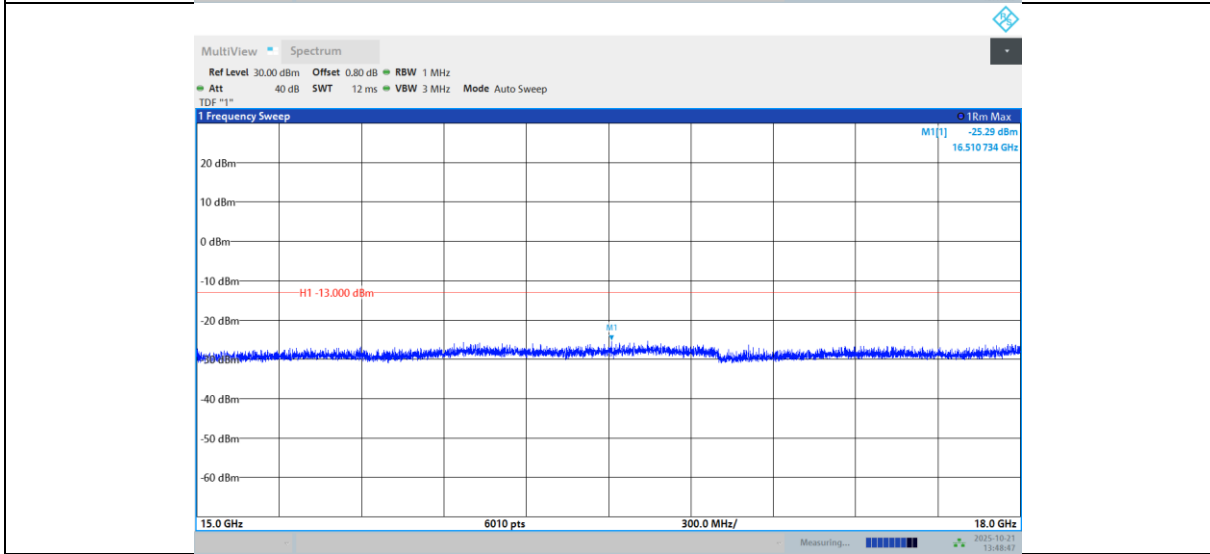
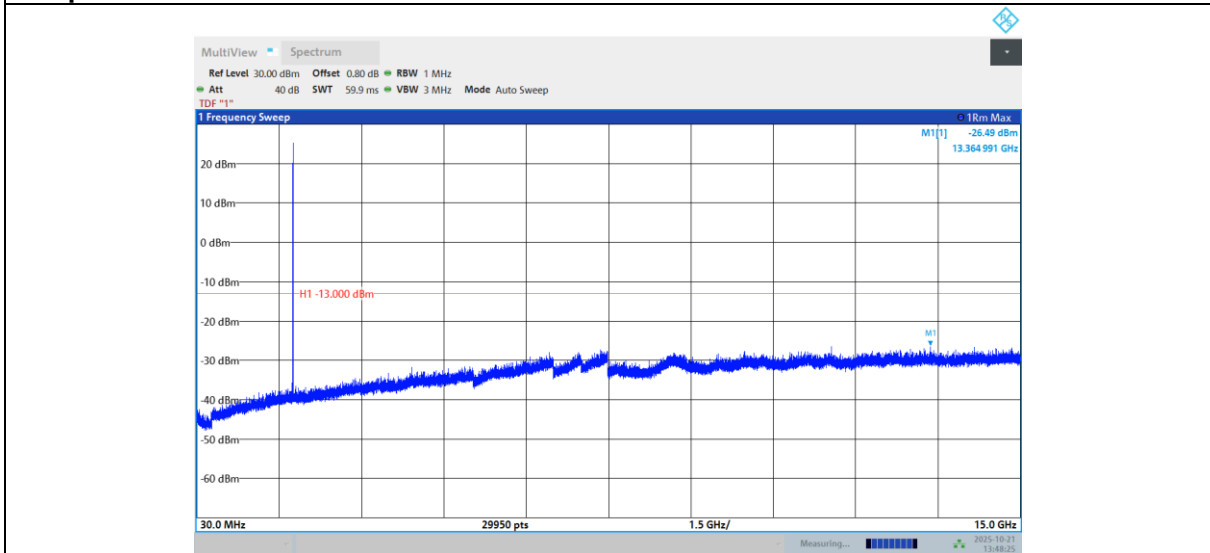


Graph5

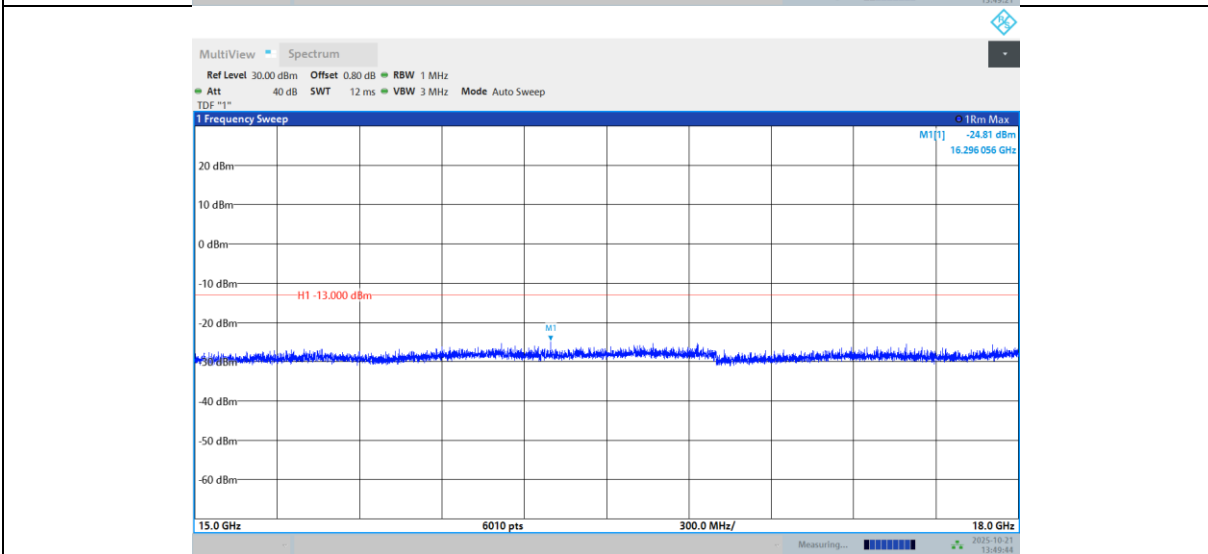
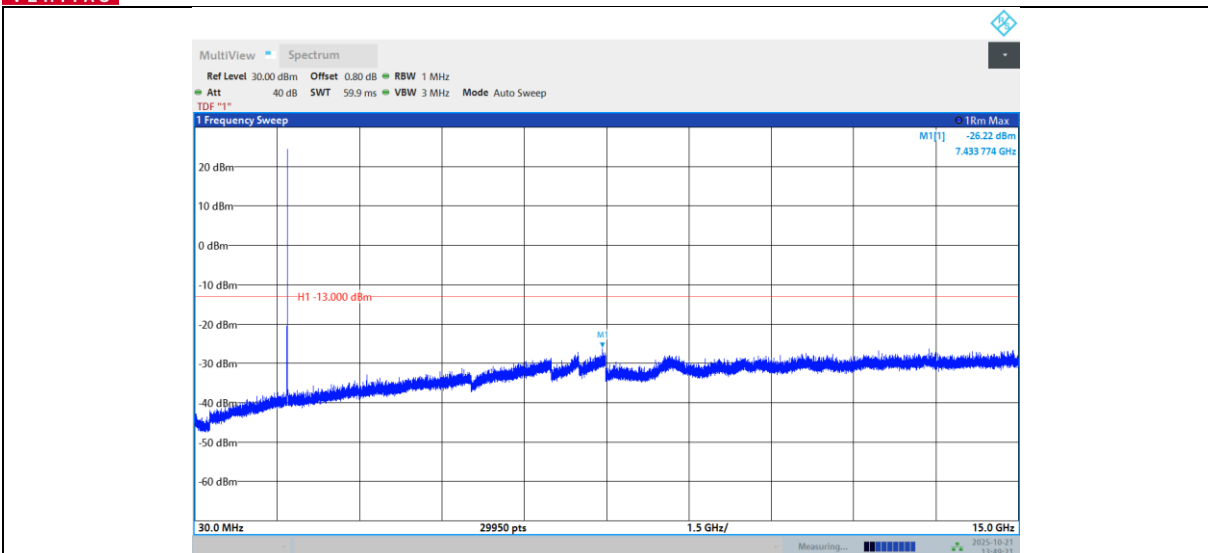




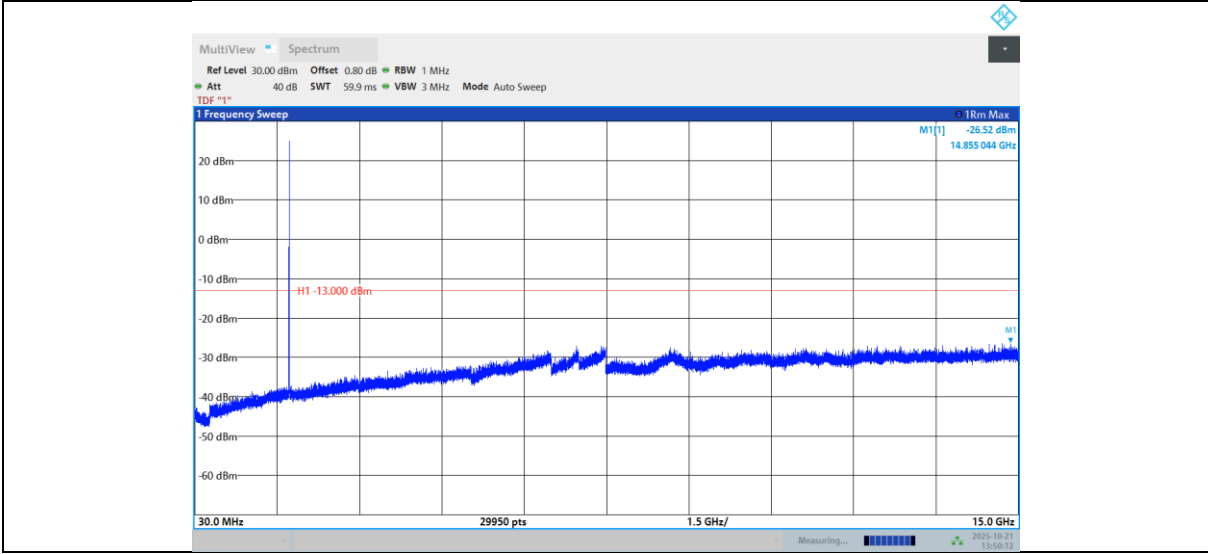
Graph6

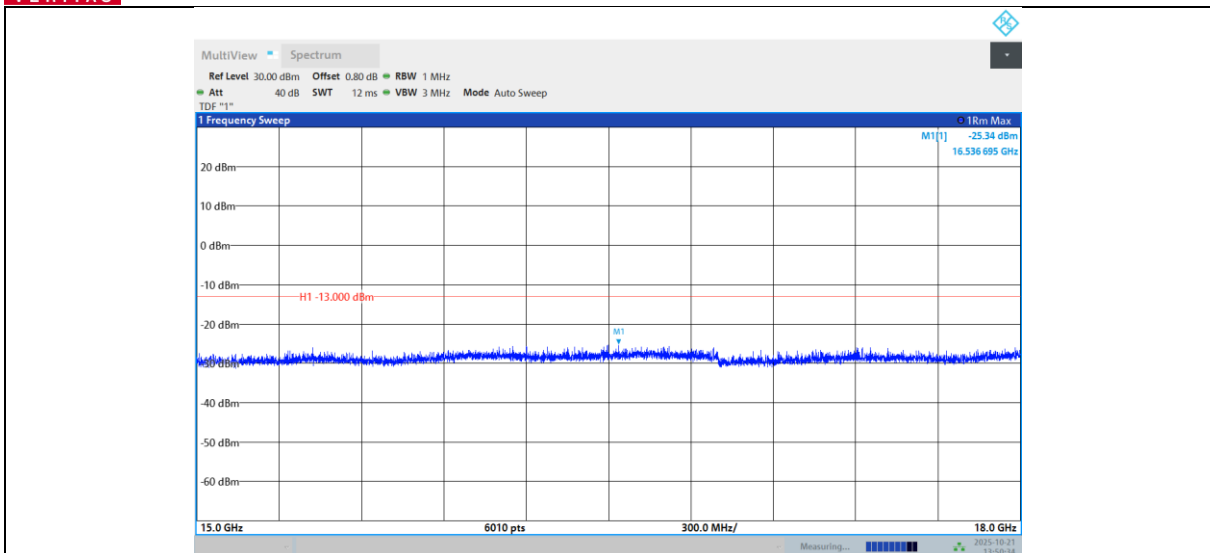


Graph7

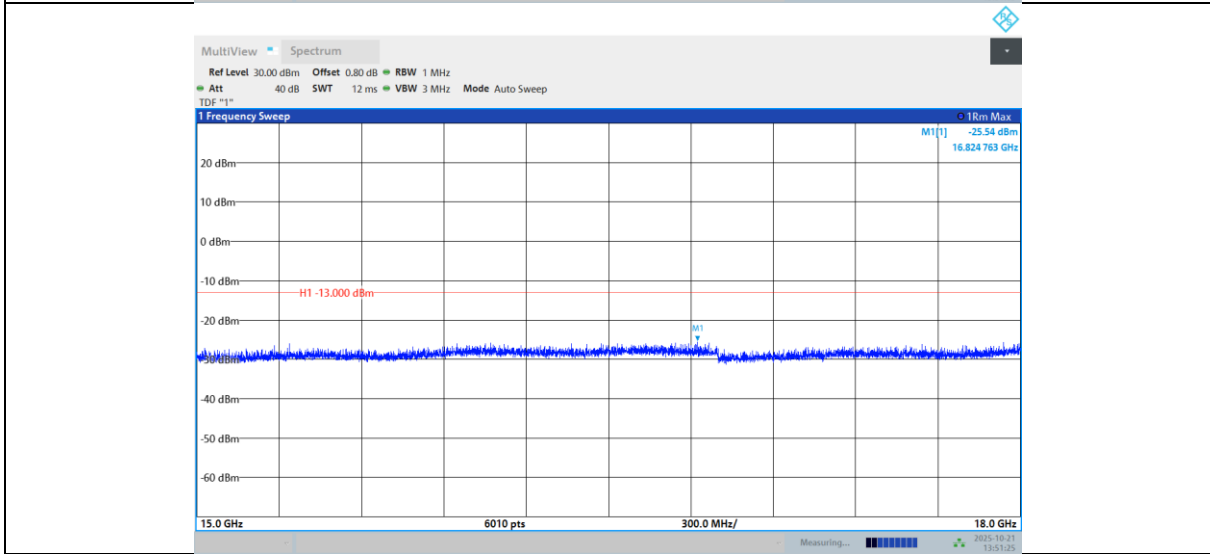
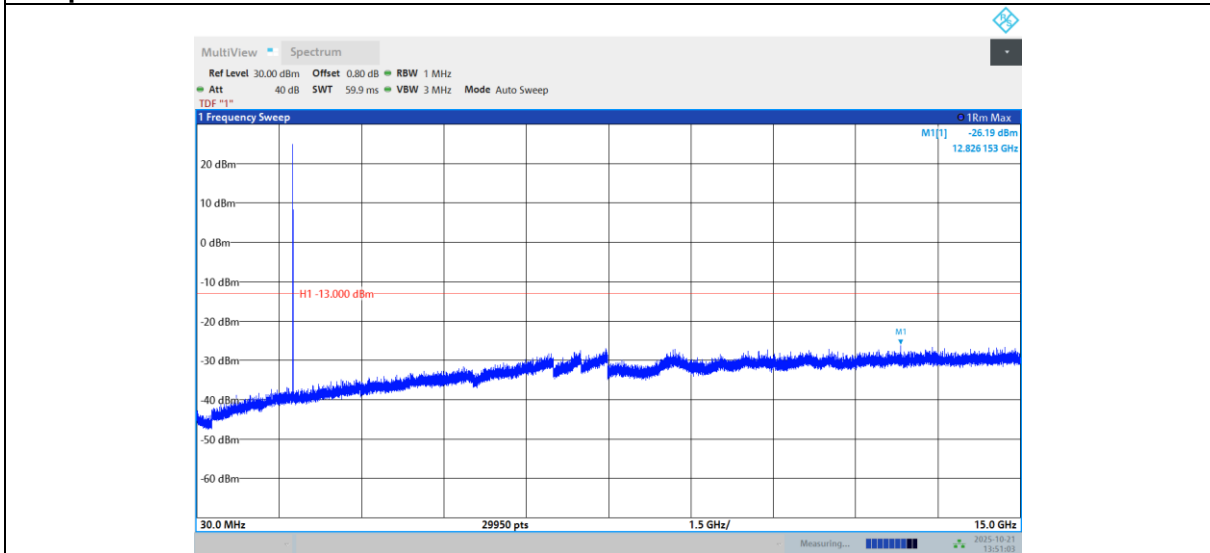


Graph8

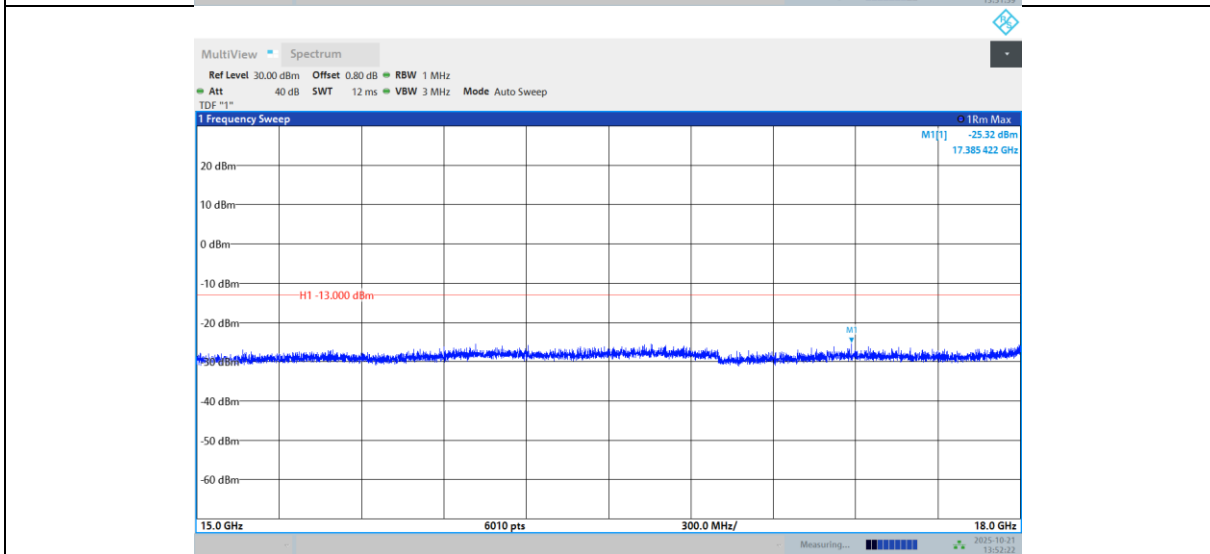
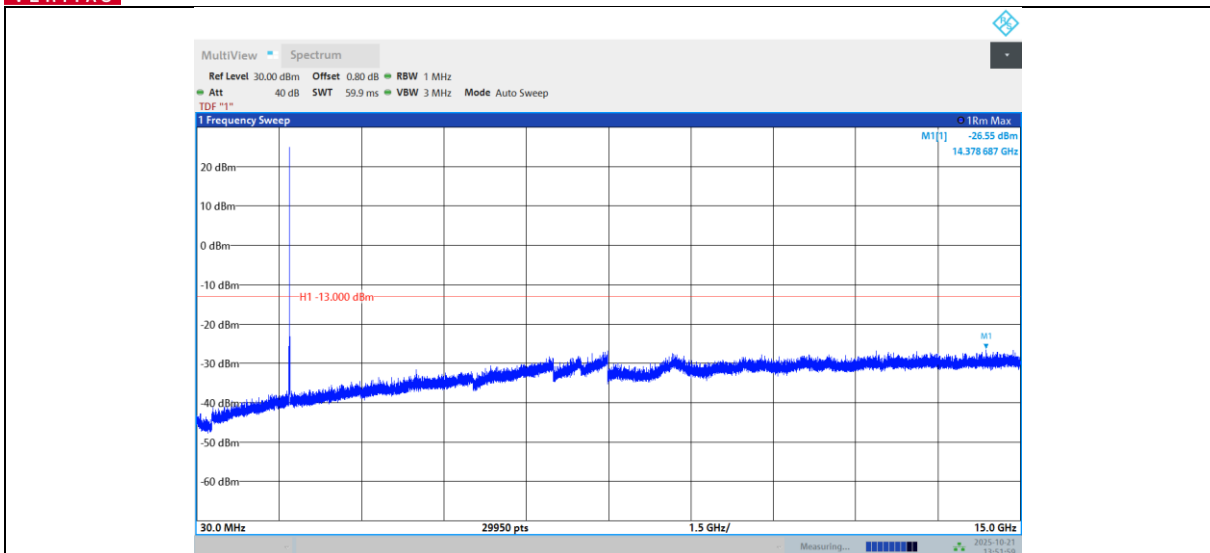




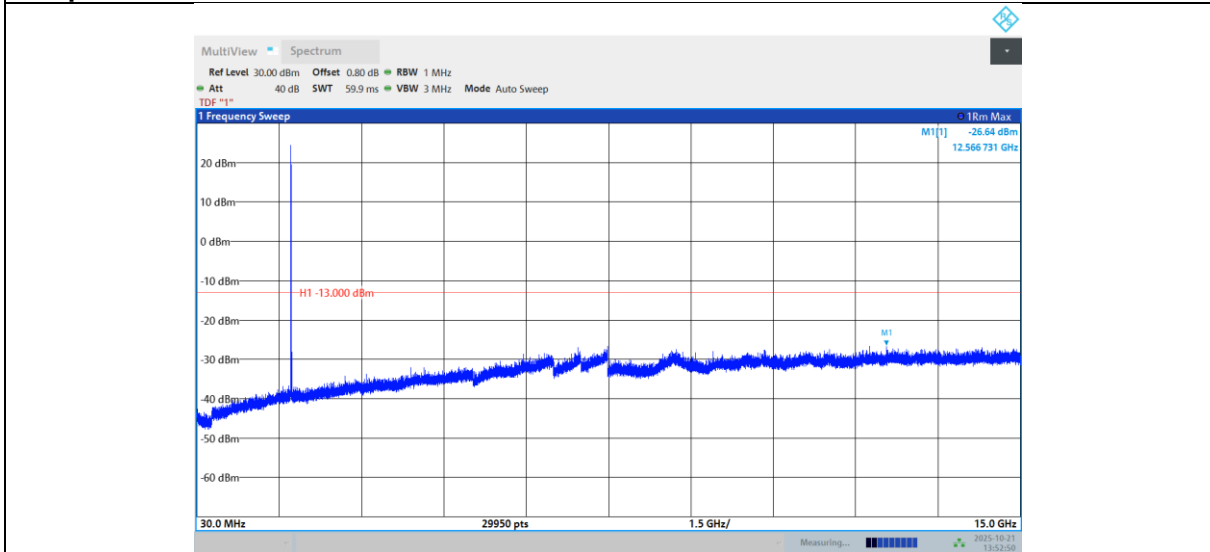
Graph9

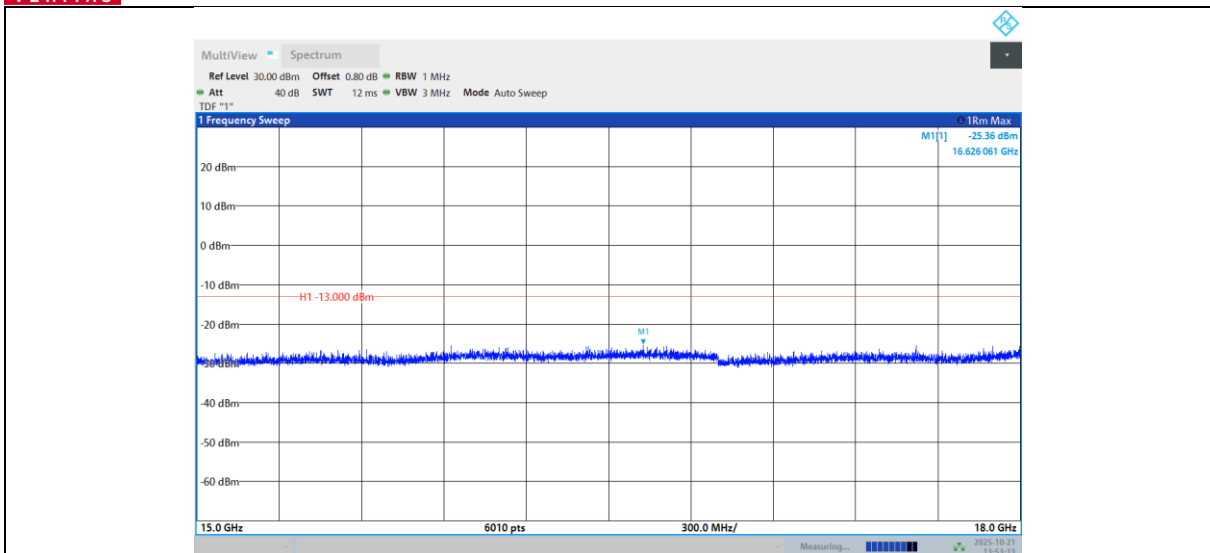


Graph10

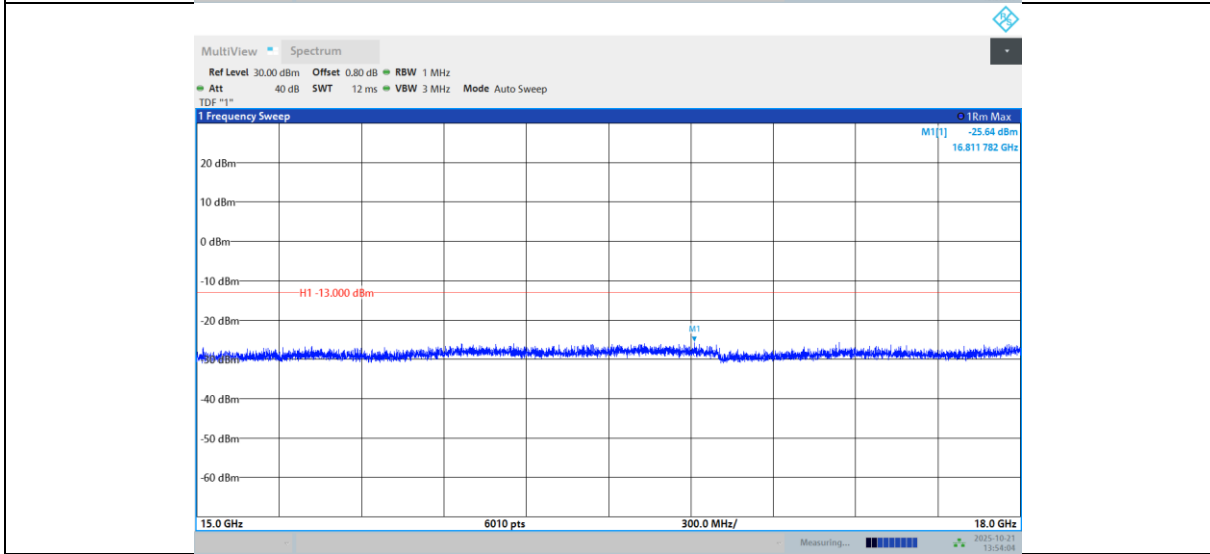
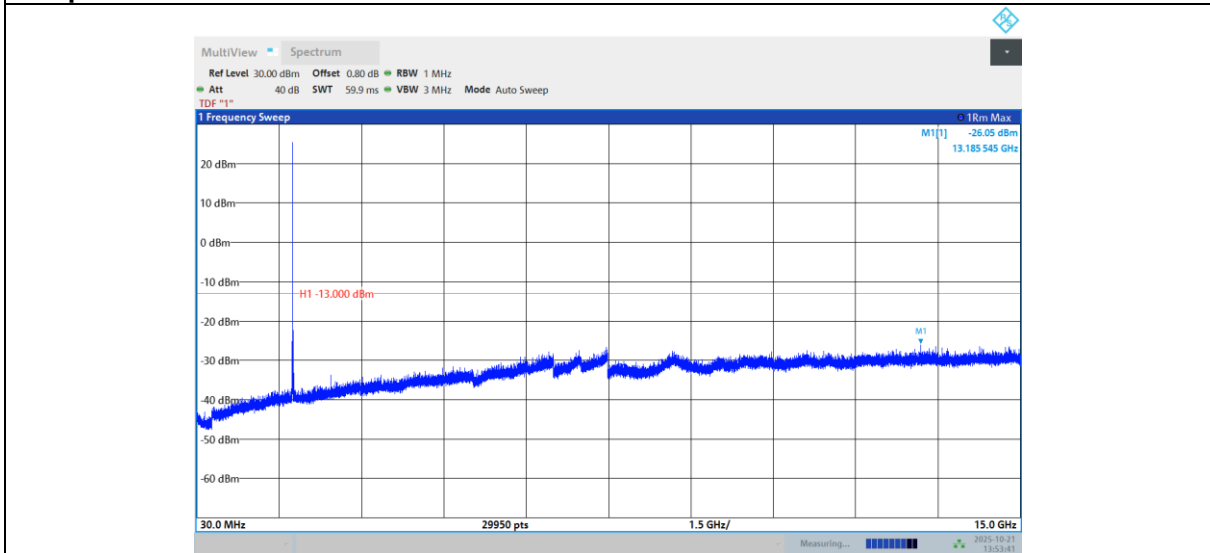


Graph11

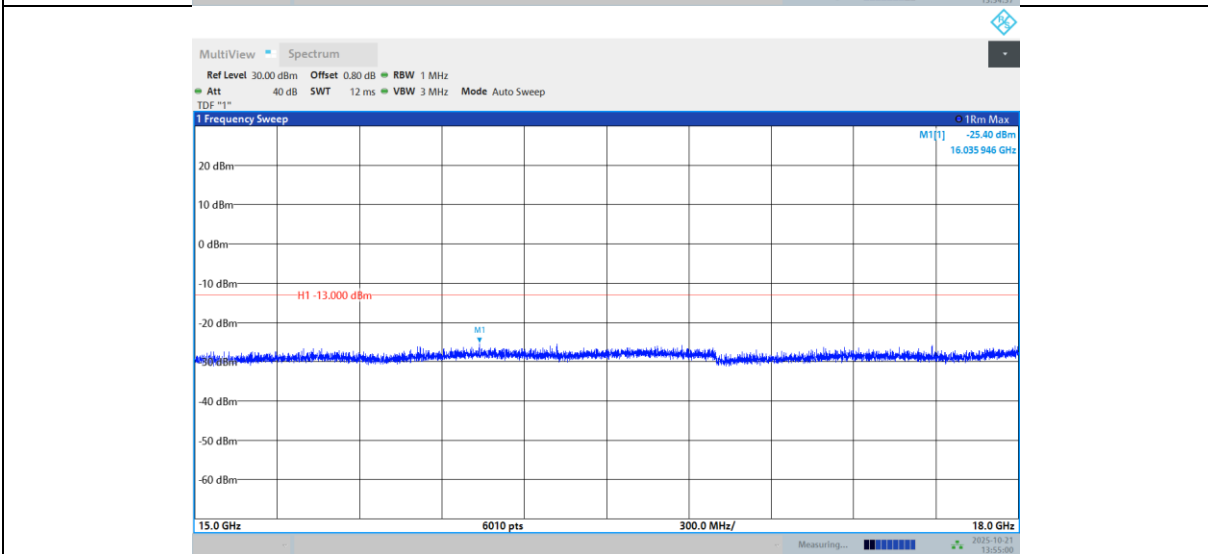
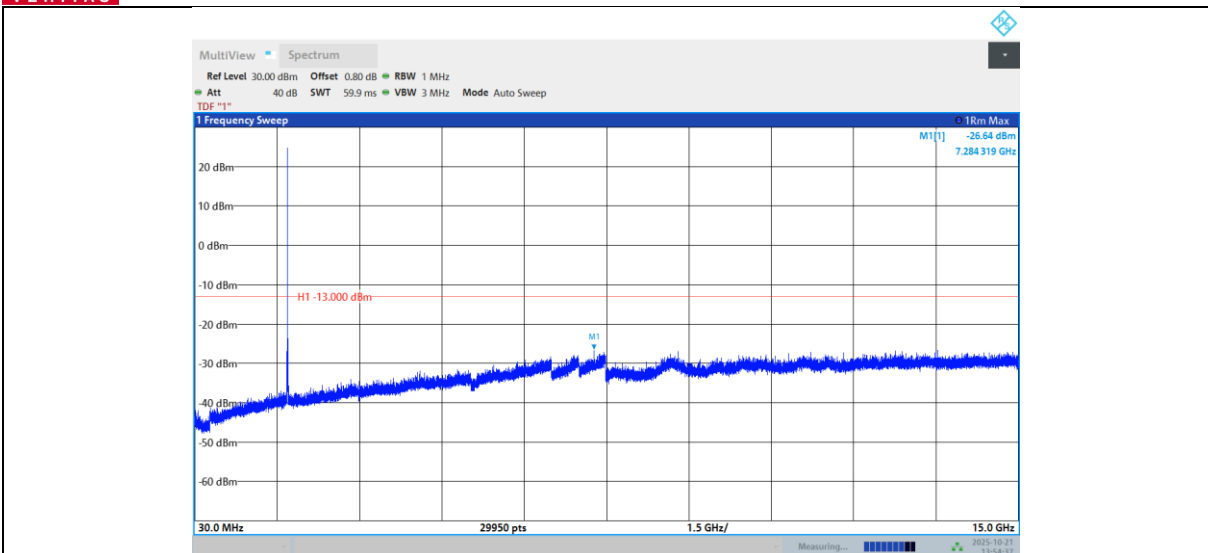




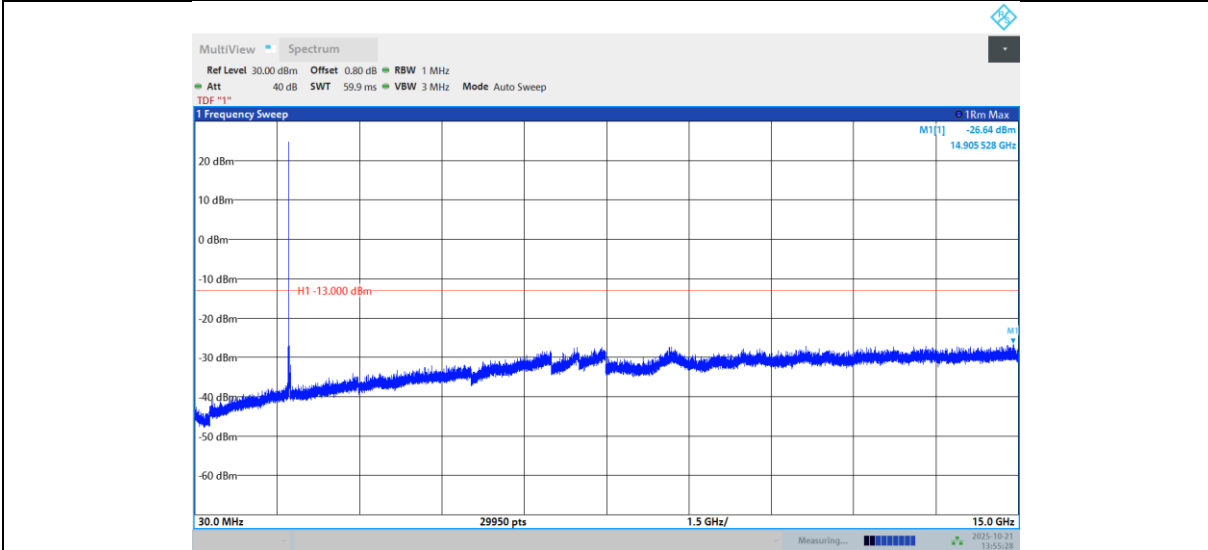
Graph12

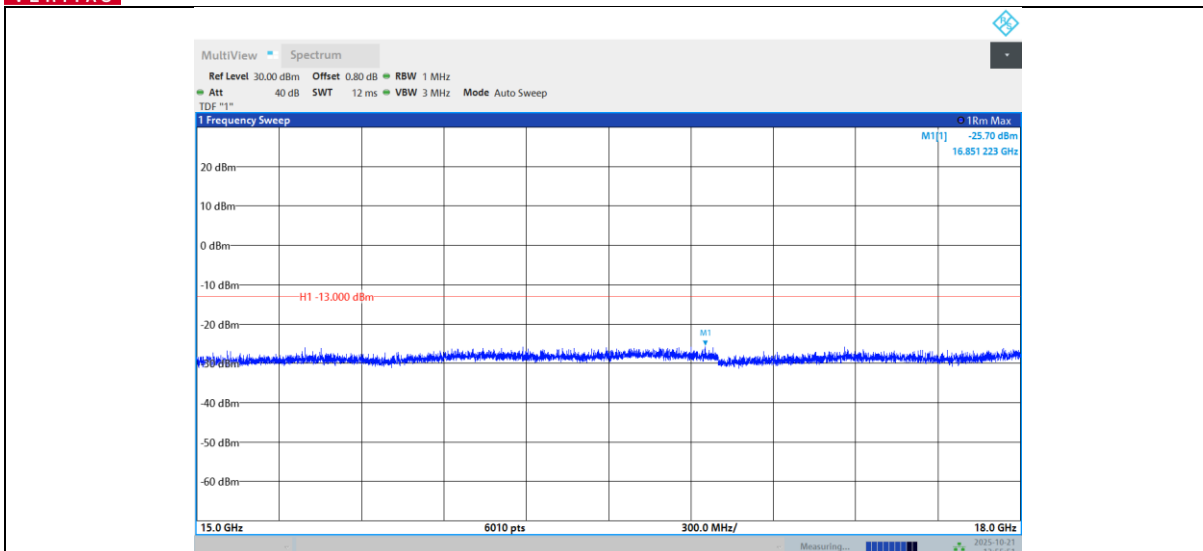


Graph13

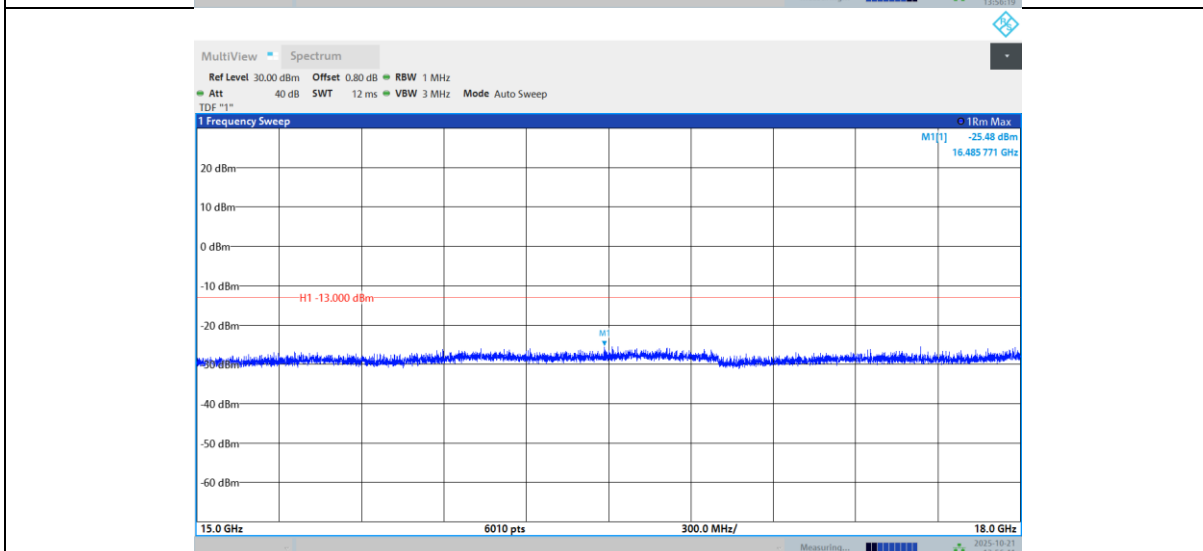
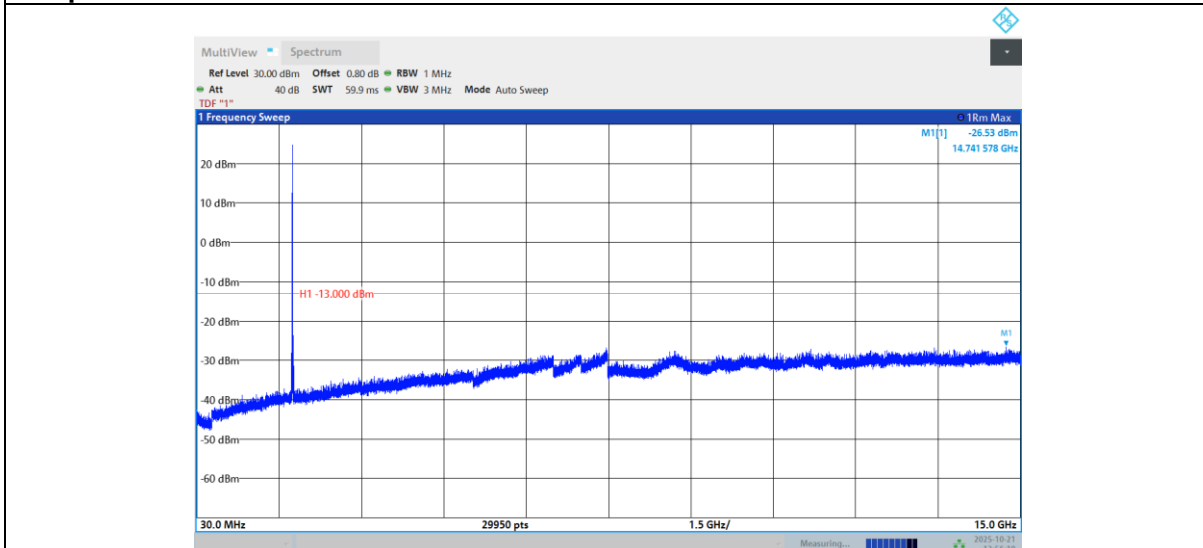


Graph14

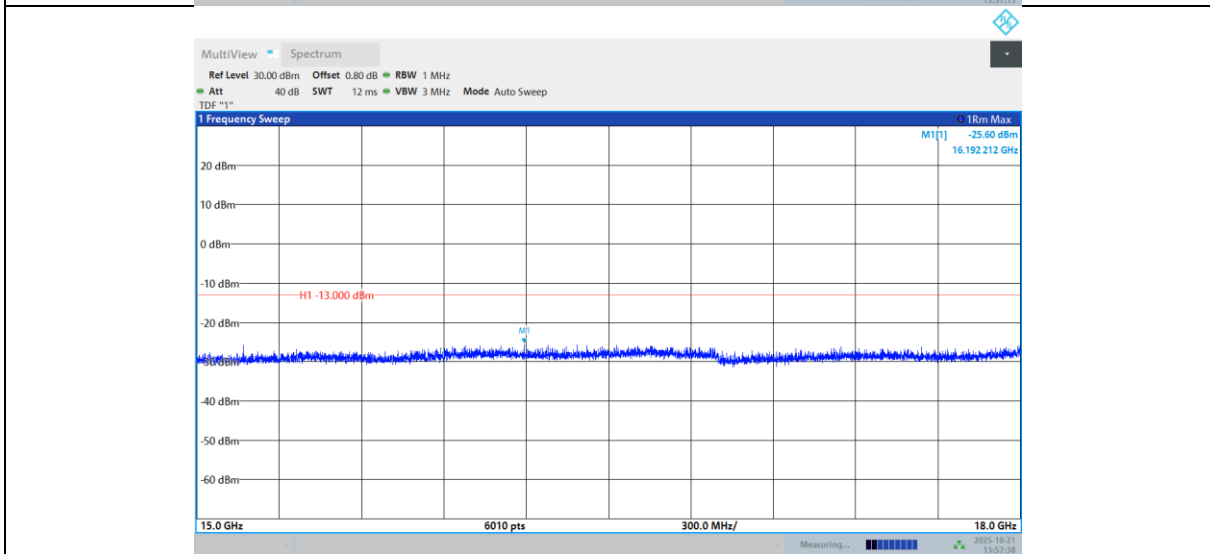
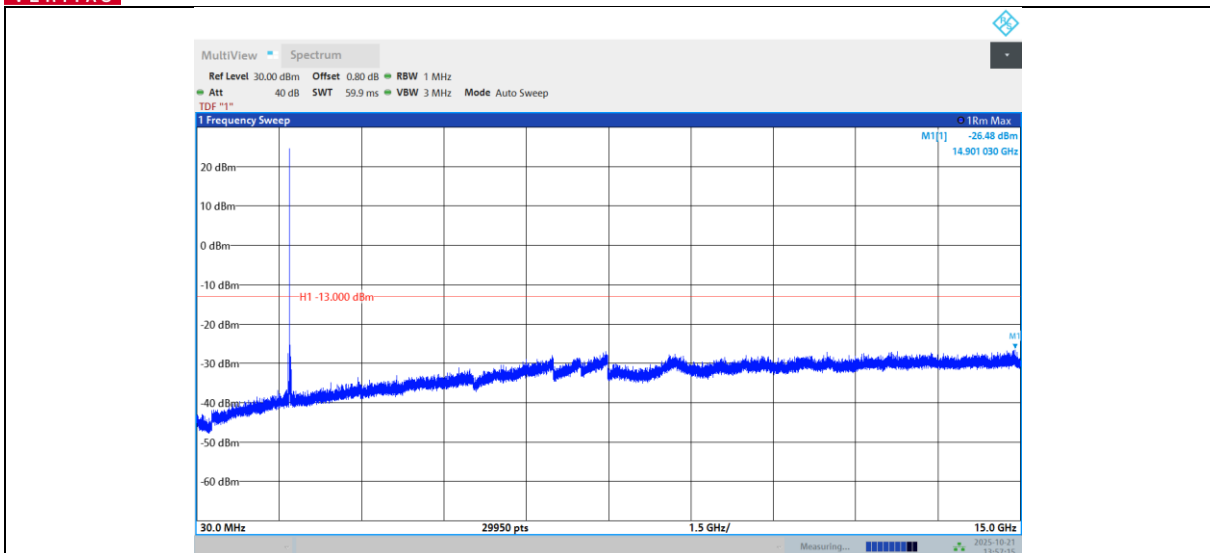




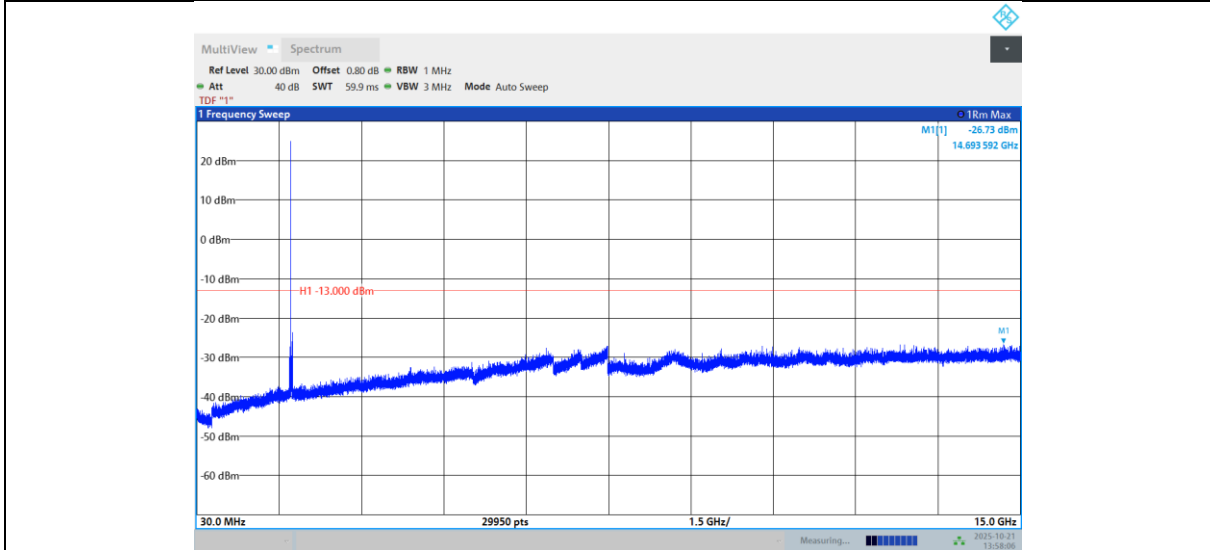
Graph15

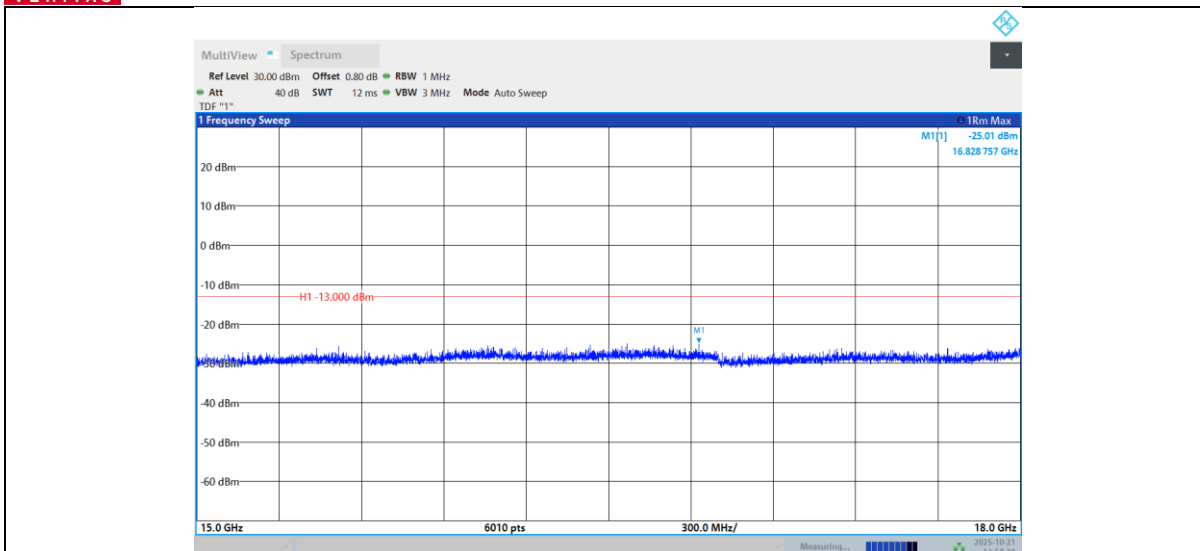


Graph16

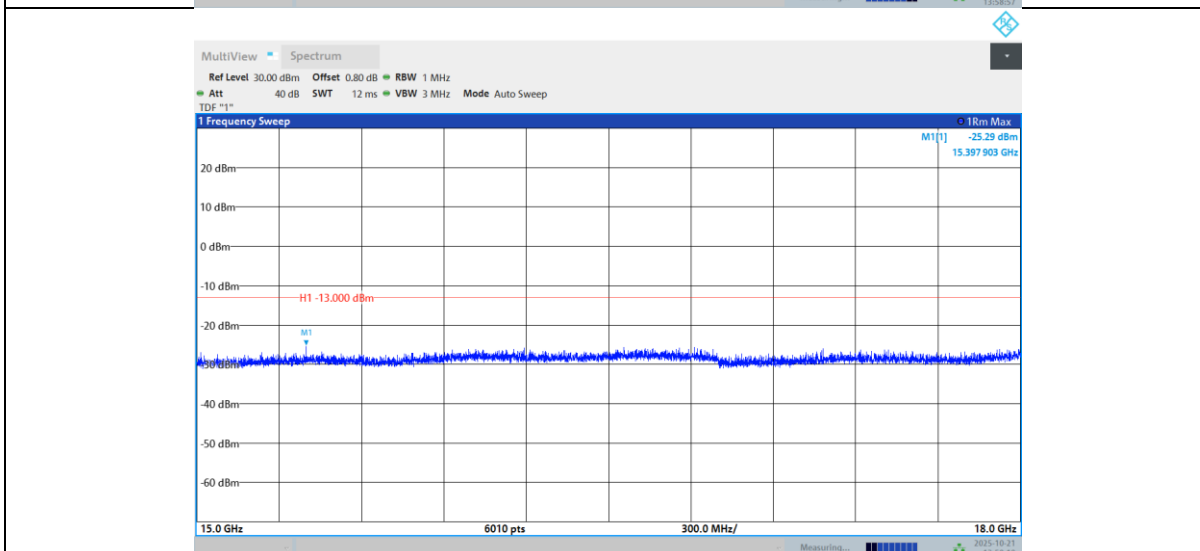
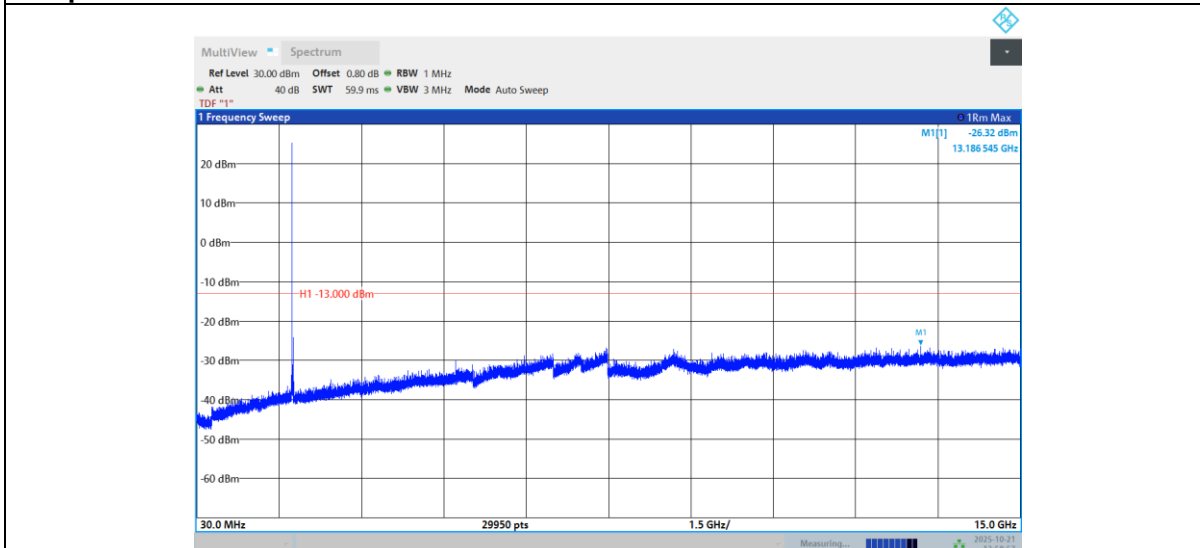


Graph17





Graph18



**FREQUENCY STABILITY****Test Result**

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	LV	NT	-18.5	-0.0108	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	NT	-133.7	-0.0777	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	HV	NT	-151.6	-0.0881	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	LV	NT	-97.3	-0.0558	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	NT	-83.2	-0.0477	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	HV	NT	-116.3	-0.0666	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	LV	NT	-147.4	-0.0833	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	NT	-26.9	-0.0152	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	HV	NT	-43.7	-0.0247	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage[Vdc]	Temperature(°C)	Deviation(Hz)	Deviation(ppm)	Limit(ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	34.6	0.0201	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-27.3	-0.0159	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	-147.5	-0.0858	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-149.8	-0.0871	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-39	-0.0227	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-65.1	-0.0378	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	-9.3	-0.0054	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	-44.4	-0.0258	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	4.2	0.0024	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-159.1	-0.0912	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-126.5	-0.0725	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-106.6	-0.0611	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	11.2	0.0064	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-81.4	-0.0466	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-40.9	-0.0234	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-149.7	-0.0858	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-157	-0.0900	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	23.1	0.0132	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	-42.3	-0.0239	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	17	0.0096	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	4.2	0.0024	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-62.7	-0.0354	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-105.1	-0.0594	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-50.4	-0.0285	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	-150.7	-0.0851	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-74.6	-0.0421	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	-50.3	-0.0284	±2.5	PASS



LTE BAND 71

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
5MHz	QPSK	133147	1RB Low	3.02	13	PASS
5MHz	QPSK	133147	Full RB	3.68	13	PASS
5MHz	16QAM	133147	1RB Low	4.06	13	PASS
5MHz	16QAM	133147	Full RB	4.52	13	PASS
5MHz	64QAM	133147	1RB Low	5.08	13	PASS
5MHz	64QAM	133147	Full RB	5.54	13	PASS
5MHz	QPSK	133297	1RB Low	2.56	13	PASS
5MHz	QPSK	133297	Full RB	3.68	13	PASS
5MHz	16QAM	133297	1RB Low	3.40	13	PASS
5MHz	16QAM	133297	Full RB	4.62	13	PASS
5MHz	64QAM	133297	1RB Low	4.52	13	PASS
5MHz	64QAM	133297	Full RB	5.64	13	PASS
5MHz	QPSK	133447	1RB Low	2.56	13	PASS
5MHz	QPSK	133447	Full RB	3.58	13	PASS
5MHz	16QAM	133447	1RB Low	3.02	13	PASS
5MHz	16QAM	133447	Full RB	4.42	13	PASS
5MHz	64QAM	133447	1RB Low	4.52	13	PASS
5MHz	64QAM	133447	Full RB	5.46	13	PASS
10MHz	QPSK	133172	1RB Low	3.48	13	PASS
10MHz	QPSK	133172	Full RB	3.96	13	PASS
10MHz	16QAM	133172	1RB Low	4.24	13	PASS
10MHz	16QAM	133172	Full RB	4.80	13	PASS
10MHz	64QAM	133172	1RB Low	5.36	13	PASS
10MHz	64QAM	133172	Full RB	5.62	13	PASS
10MHz	QPSK	133297	1RB Low	3.40	13	PASS
10MHz	QPSK	133297	Full RB	3.76	13	PASS
10MHz	16QAM	133297	1RB Low	4.34	13	PASS
10MHz	16QAM	133297	Full RB	4.52	13	PASS
10MHz	64QAM	133297	1RB Low	5.28	13	PASS
10MHz	64QAM	133297	Full RB	5.72	13	PASS
10MHz	QPSK	133422	1RB Low	4.04	13	PASS
10MHz	QPSK	133422	Full RB	3.48	13	PASS
10MHz	16QAM	133422	1RB Low	4.98	13	PASS
10MHz	16QAM	133422	Full RB	4.52	13	PASS
10MHz	64QAM	133422	1RB Low	5.90	13	PASS
10MHz	64QAM	133422	Full RB	5.26	13	PASS
15MHz	QPSK	133197	1RB Low	3.12	13	PASS
15MHz	QPSK	133197	Full RB	4.06	13	PASS
15MHz	16QAM	133197	1RB Low	3.96	13	PASS
15MHz	16QAM	133197	Full RB	4.80	13	PASS
15MHz	64QAM	133197	1RB Low	5.08	13	PASS
15MHz	64QAM	133197	Full RB	5.54	13	PASS
15MHz	QPSK	133297	1RB Low	3.30	13	PASS

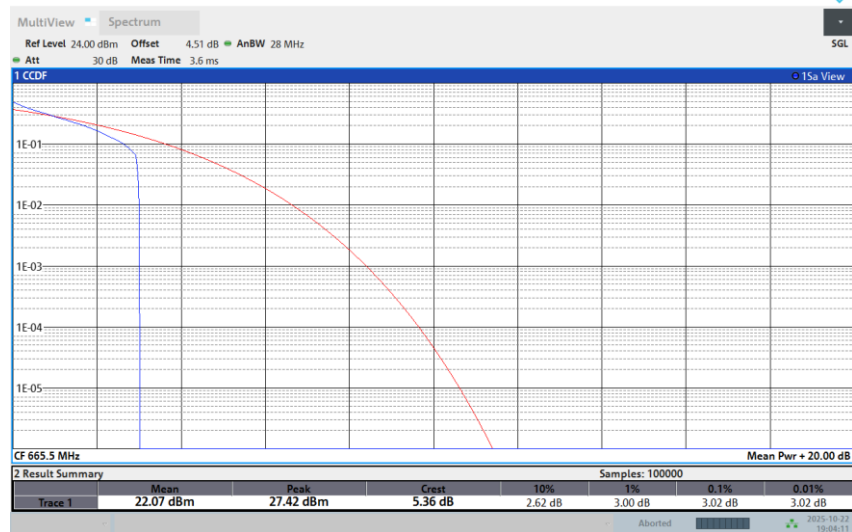
**BUREAU VERITAS** Test Report No.: PSU-NQN2509250114RF09

15MHz	QPSK	133297	Full RB	3.58	13	PASS
15MHz	16QAM	133297	1RB Low	4.24	13	PASS
15MHz	16QAM	133297	Full RB	4.70	13	PASS
15MHz	64QAM	133297	1RB Low	4.90	13	PASS
15MHz	64QAM	133297	Full RB	5.72	13	PASS
15MHz	QPSK	133397	1RB Low	2.92	13	PASS
15MHz	QPSK	133397	Full RB	3.78	13	PASS
15MHz	16QAM	133397	1RB Low	3.68	13	PASS
15MHz	16QAM	133397	Full RB	4.98	13	PASS
15MHz	64QAM	133397	1RB Low	4.72	13	PASS
15MHz	64QAM	133397	Full RB	5.92	13	PASS
20MHz	QPSK	133222	1RB Low	3.68	13	PASS
20MHz	QPSK	133222	Full RB	4.80	13	PASS
20MHz	16QAM	133222	1RB Low	4.42	13	PASS
20MHz	16QAM	133222	Full RB	5.54	13	PASS
20MHz	64QAM	133222	1RB Low	5.72	13	PASS
20MHz	64QAM	133222	Full RB	6.52	13	PASS
20MHz	QPSK	133322	1RB Low	3.40	13	PASS
20MHz	QPSK	133322	Full RB	4.60	13	PASS
20MHz	16QAM	133322	1RB Low	4.34	13	PASS
20MHz	16QAM	133322	Full RB	5.62	13	PASS
20MHz	64QAM	133322	1RB Low	5.46	13	PASS
20MHz	64QAM	133322	Full RB	6.44	13	PASS
20MHz	QPSK	133372	1RB Low	3.78	13	PASS
20MHz	QPSK	133372	Full RB	3.96	13	PASS
20MHz	16QAM	133372	1RB Low	4.80	13	PASS
20MHz	16QAM	133372	Full RB	4.90	13	PASS
20MHz	64QAM	133372	1RB Low	5.54	13	PASS
20MHz	64QAM	133372	Full RB	5.92	13	PASS

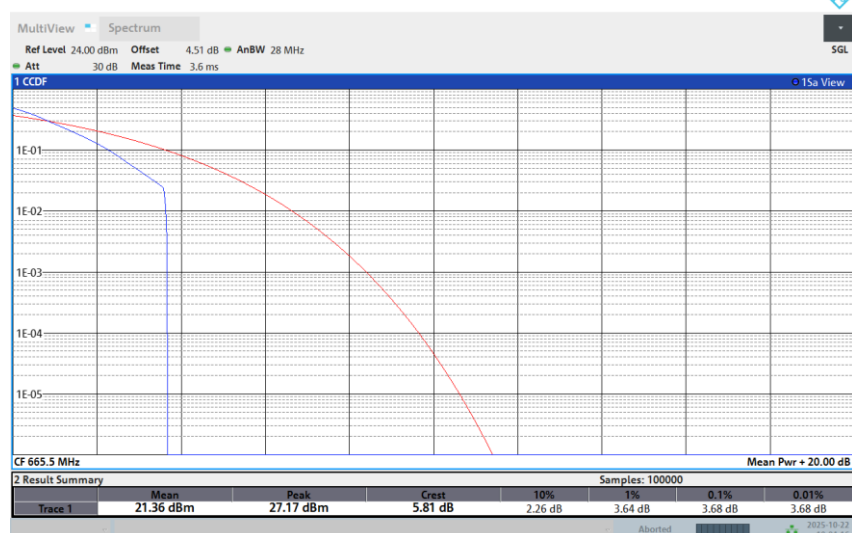


Test Graphs

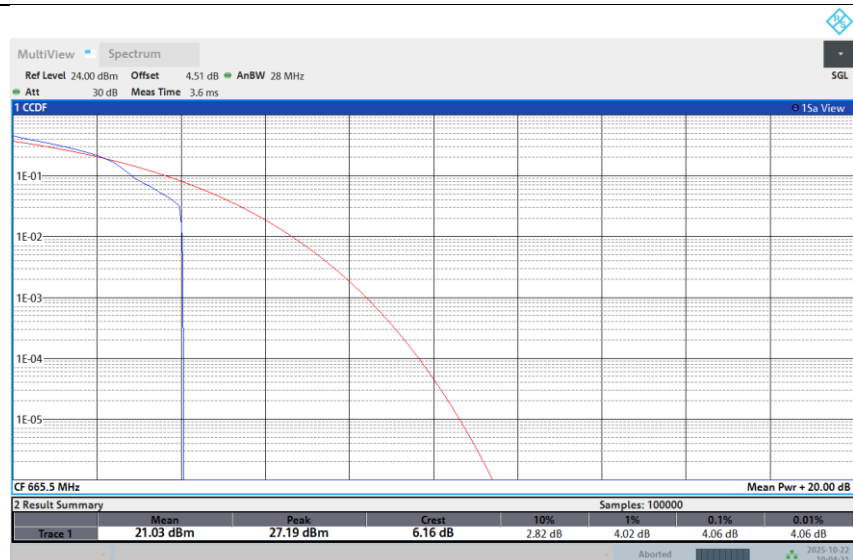
Band 71-5M-LOW-QPSK-1RB Low



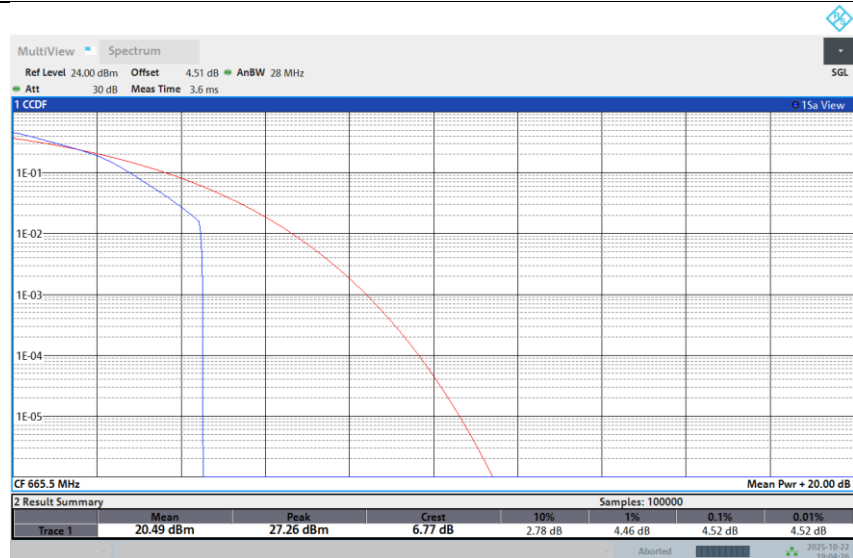
Band 71-5M-LOW-QPSK-Full RB



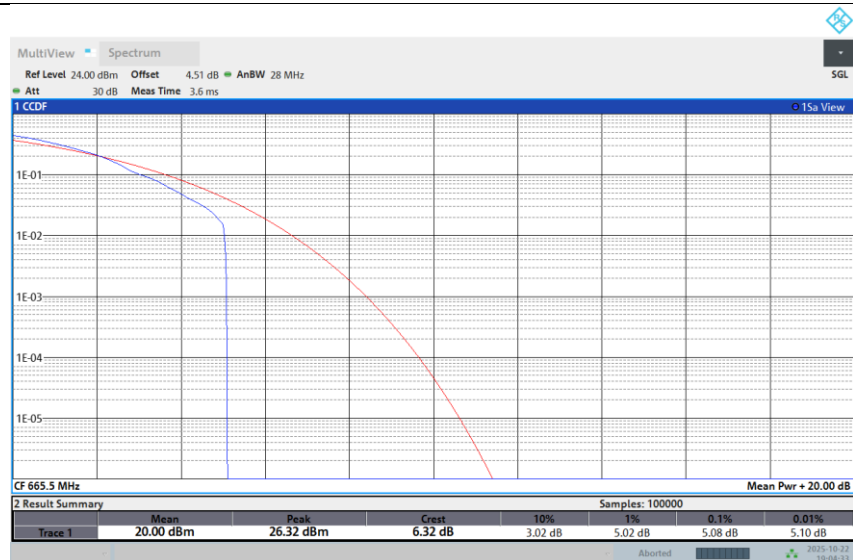
Band 71-5M-LOW-16QAM-1RB Low



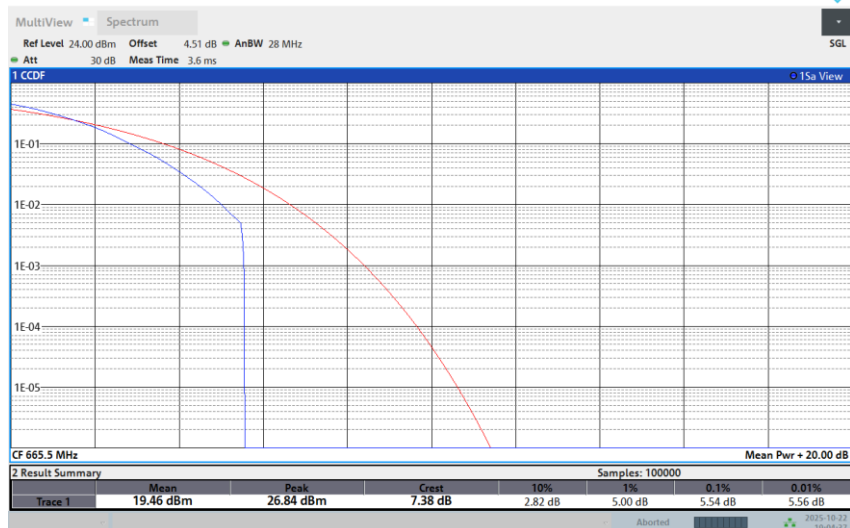
Band 71-5M-LOW-16QAM-Full RB



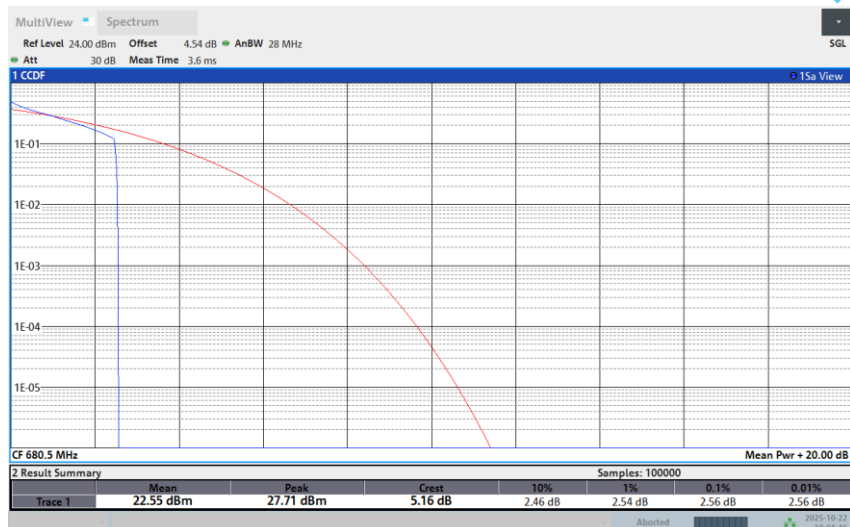
Band 71-5M-LOW-64QAM-1RB Low



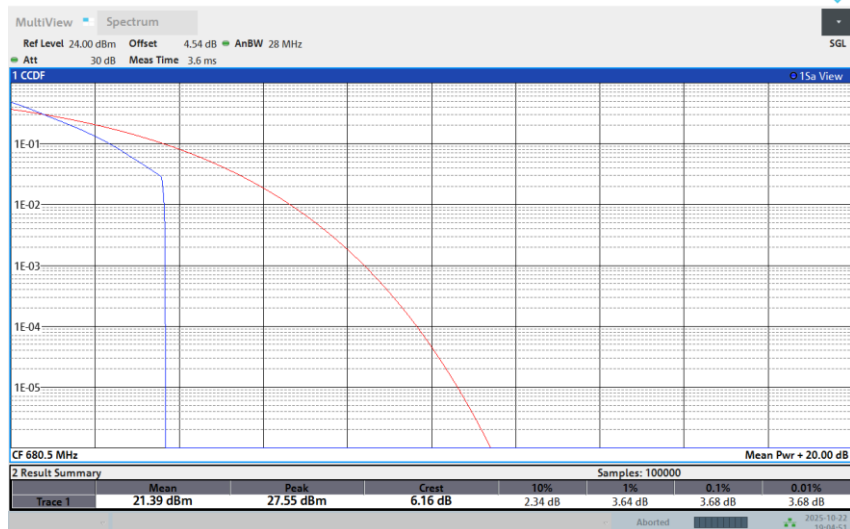
Band 71-5M-LOW-64QAM-Full RB



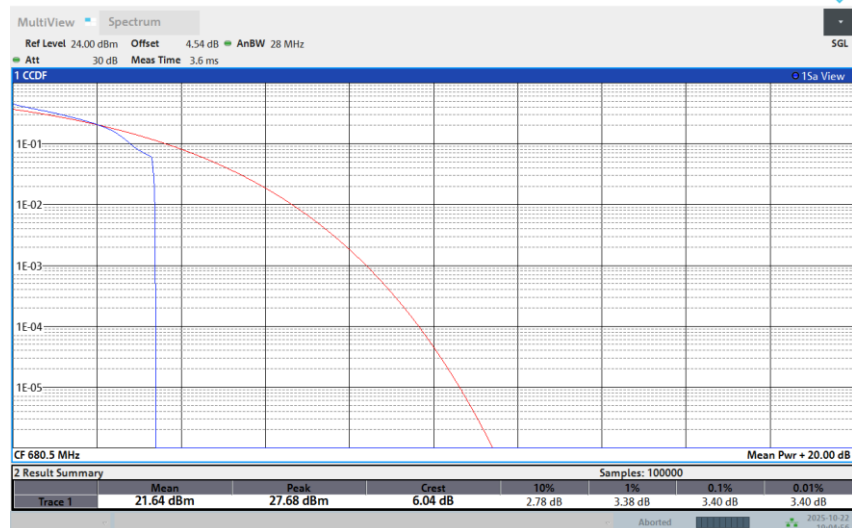
Band 71-5M-MID-QPSK-1RB Low



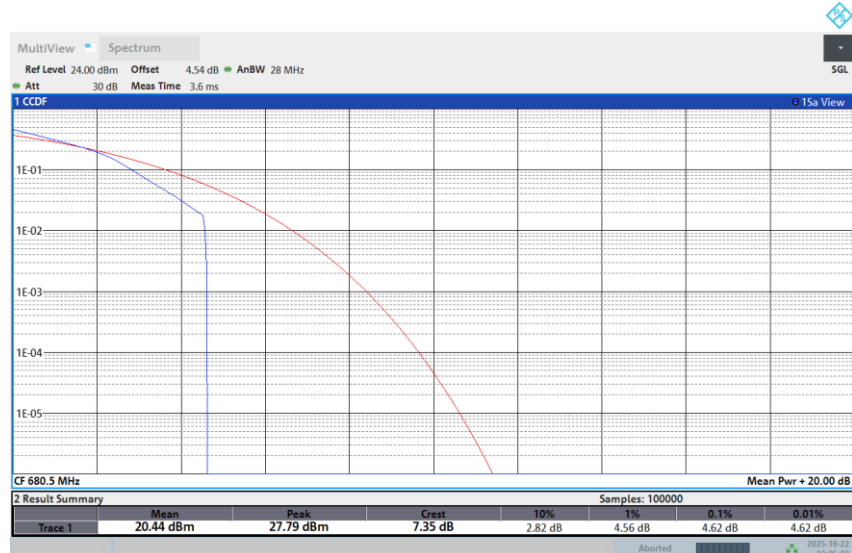
Band 71-5M-MID-QPSK-Full RB



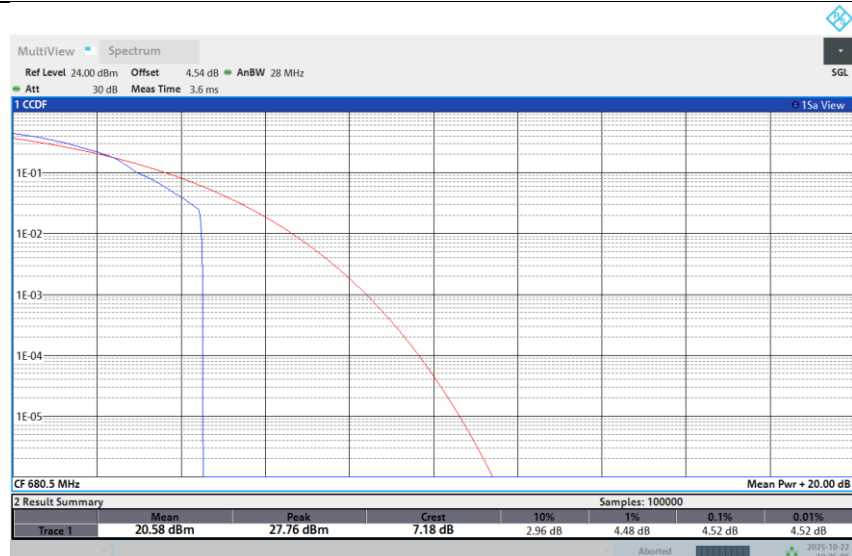
Band 71-5M-MID-16QAM-1RB Low



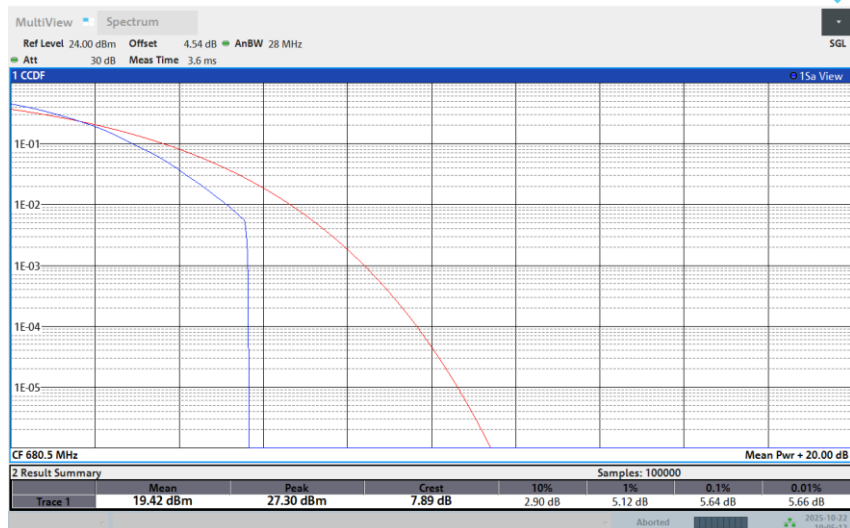
Band 71-5M-MID-16QAM-Full RB



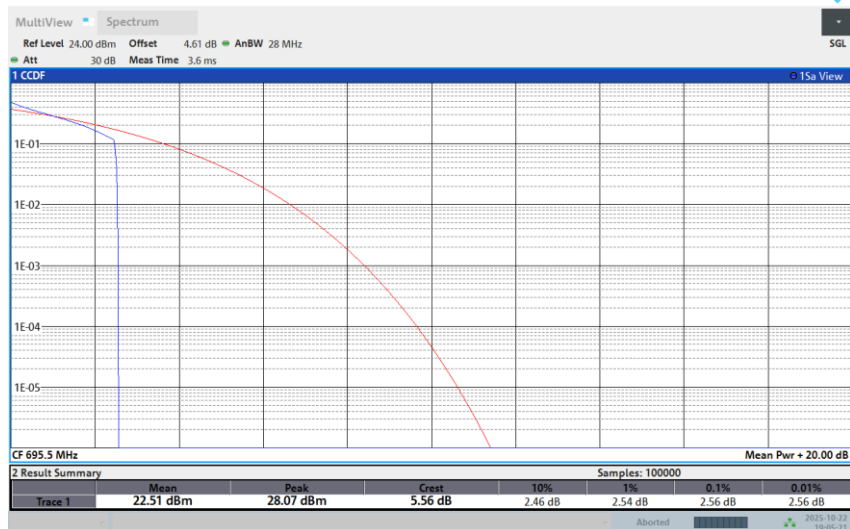
Band 71-5M-MID-64QAM-1RB Low



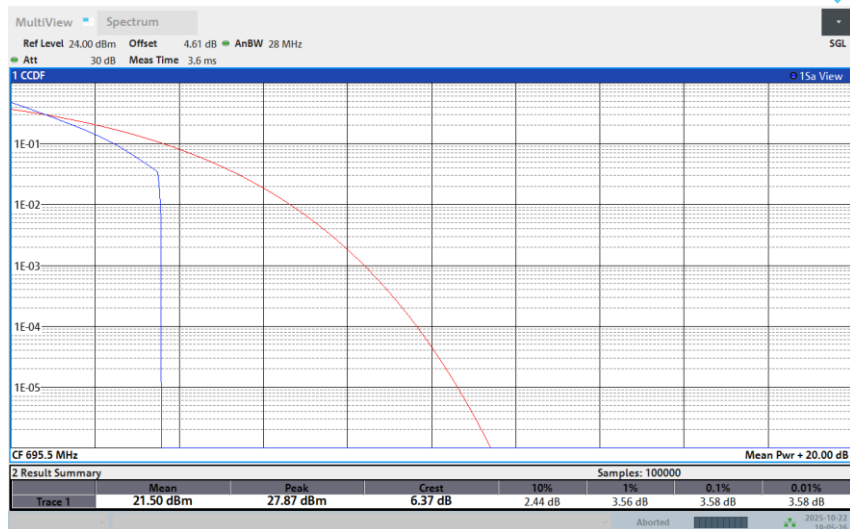
Band 71-5M-MID-64QAM-Full RB



Band 71-5M-HIGH-QPSK-1RB Low



Band 71-5M-HIGH-QPSK-Full RB



Band 71-5M-HIGH-16QAM-1RB Low