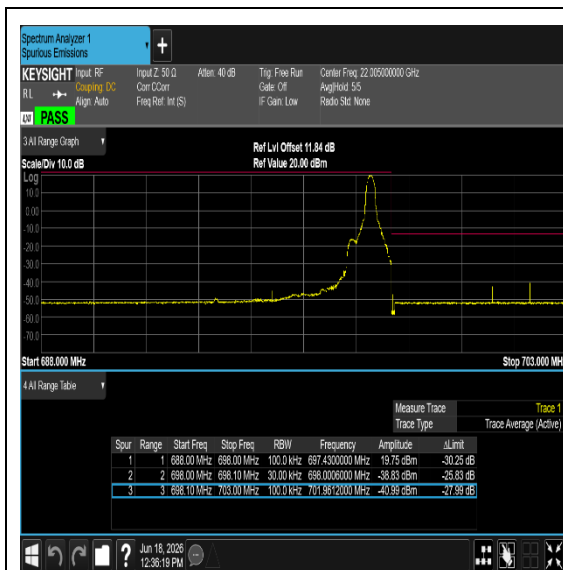
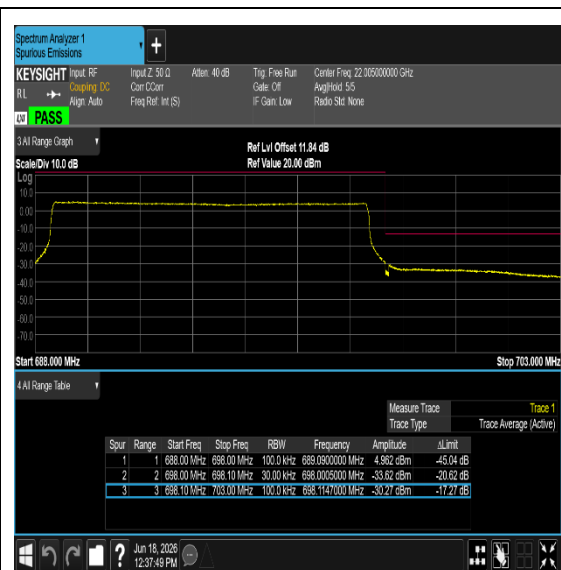
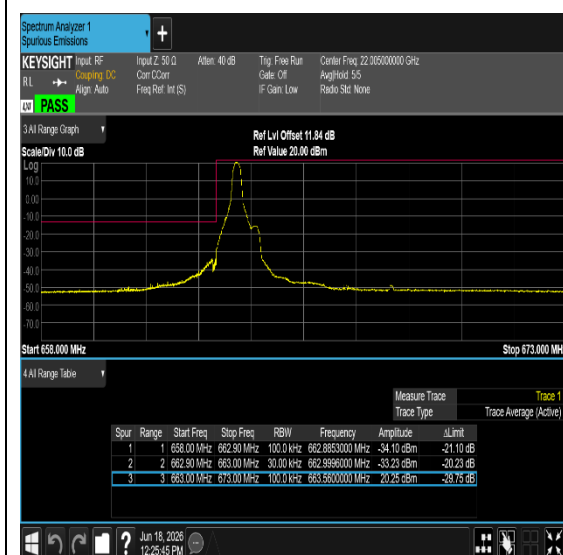




Band71-10MHz-16QAM-133172-1RB#0-PASS



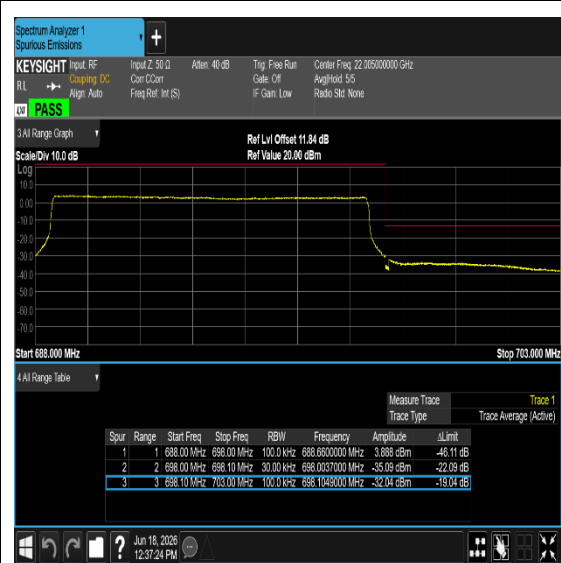
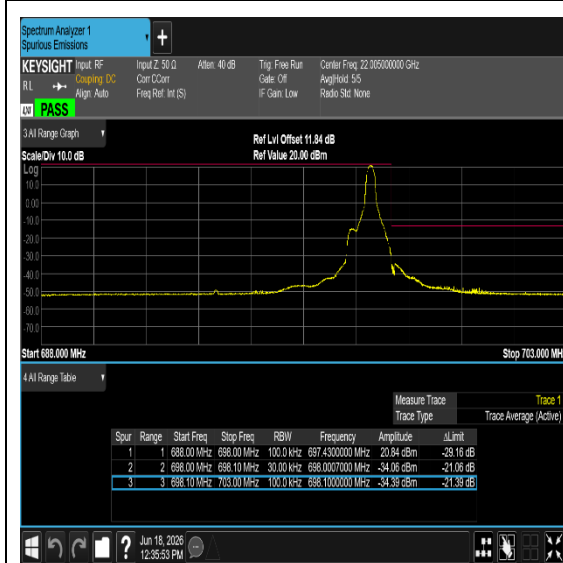
Band71-10MHz-16QAM-133172-50RB#0-PASS



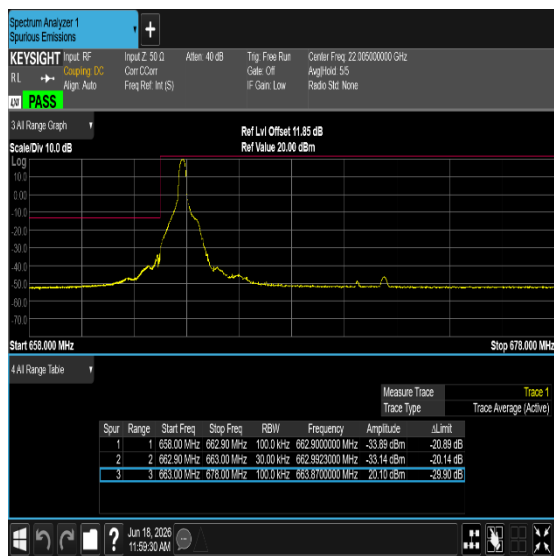
Band71-10MHz-16QAM-133422-1RB#49-PASS



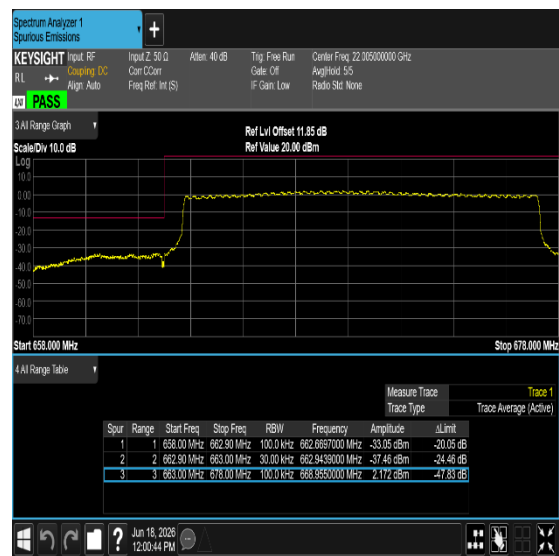
Band71-10MHz-16QAM-133422-50RB#0-PASS



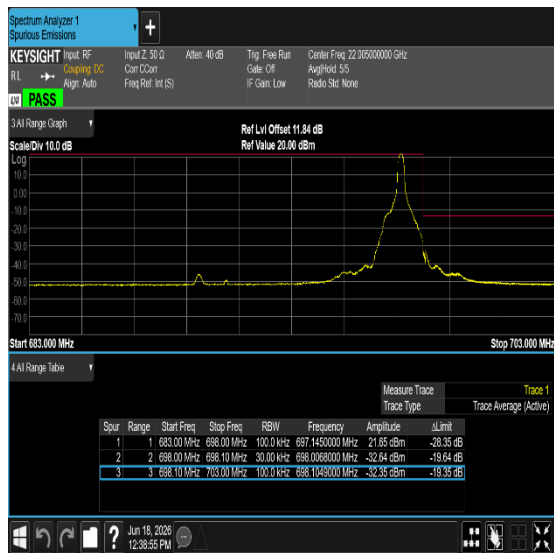
Band71-15MHz-QPSK-133197-1RB#0-PASS



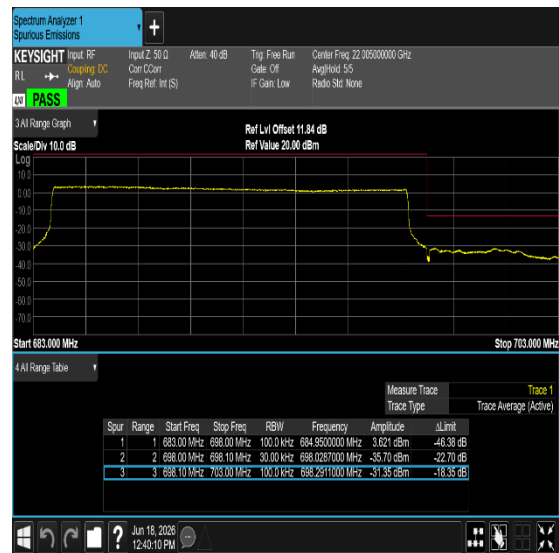
Band71-15MHz-QPSK-133197-75RB#0-PASS



Band71-15MHz-QPSK-133397-1RB#74-PASS

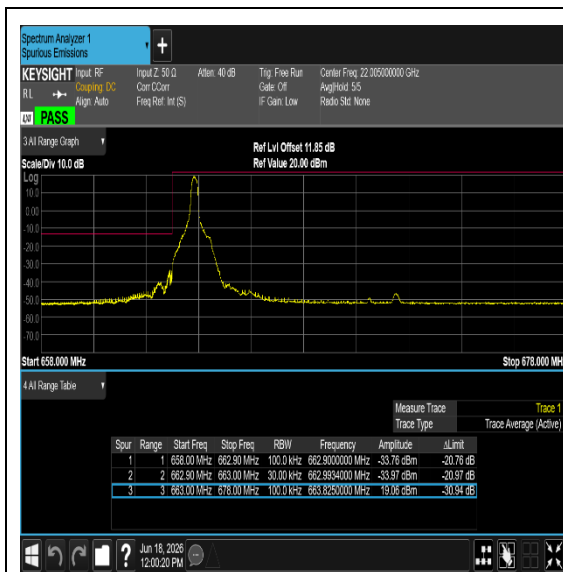


Band71-15MHz-QPSK-133397-75RB#0-PASS

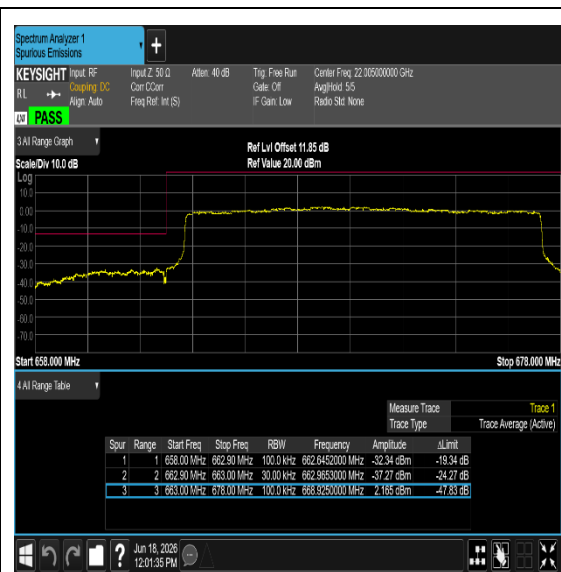


Band71-15MHz-64QAM-133197-1RB#0-PASS

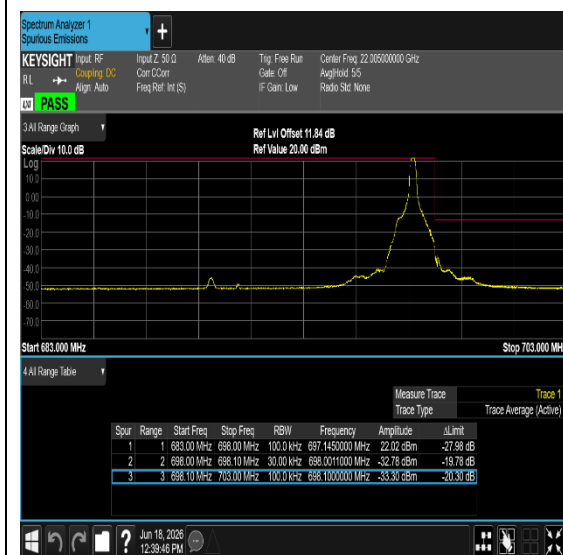
Band71-15MHz-64QAM-133197-75RB#0-PASS



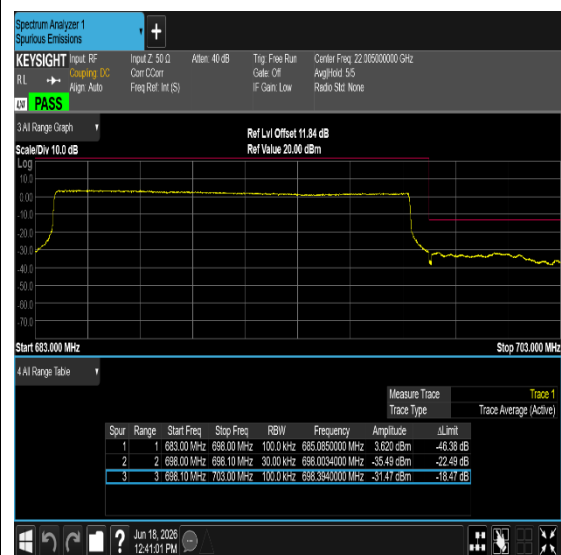
Band71-15MHz-64QAM-133397-1RB#74-PASS



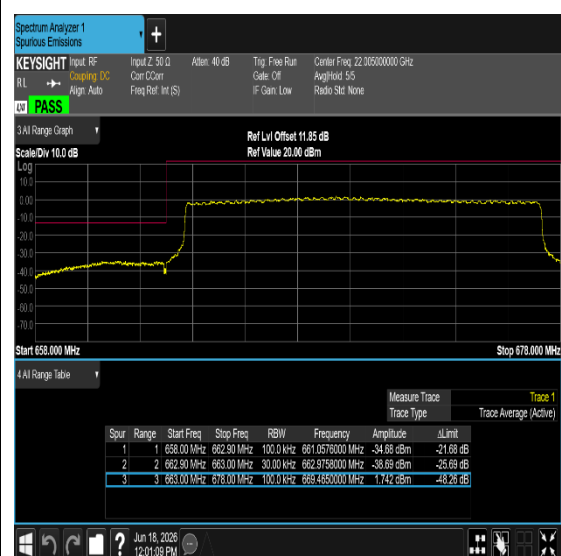
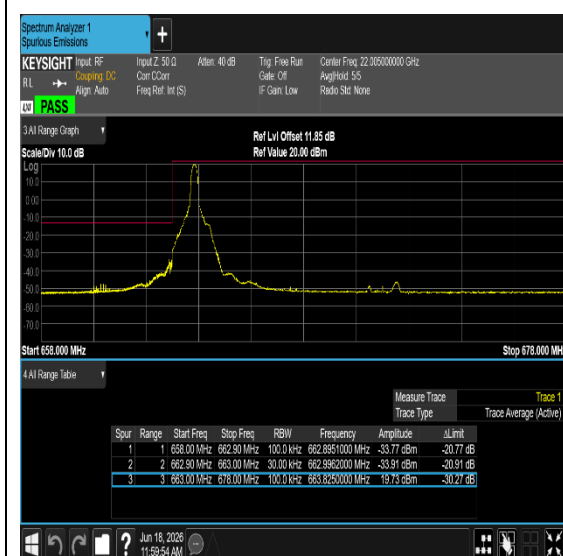
Band71-15MHz-64QAM-133397-75RB#0-PASS



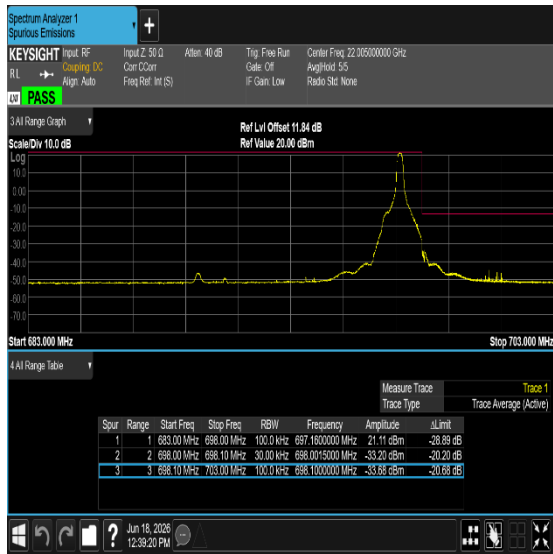
Band71-15MHz-16QAM-133197-1RB#0-PASS



Band71-15MHz-16QAM-133197-75RB#0-PASS



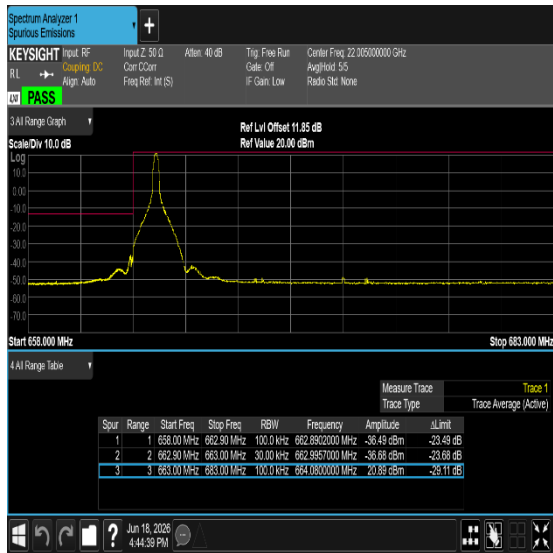
Band71-15MHz-16QAM-133397-1RB#74-PASS



Band71-15MHz-16QAM-133397-75RB#0-PASS



Band71-20MHz-QPSK-133222-1RB#0-PASS

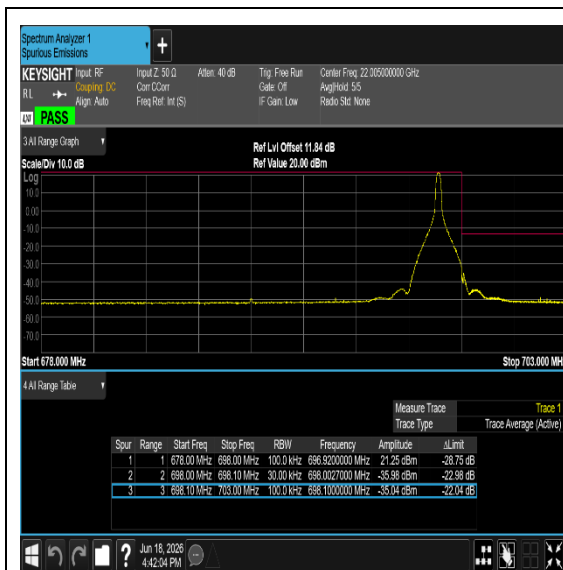


Band71-20MHz-QPSK-133222-100RB#0-PASS

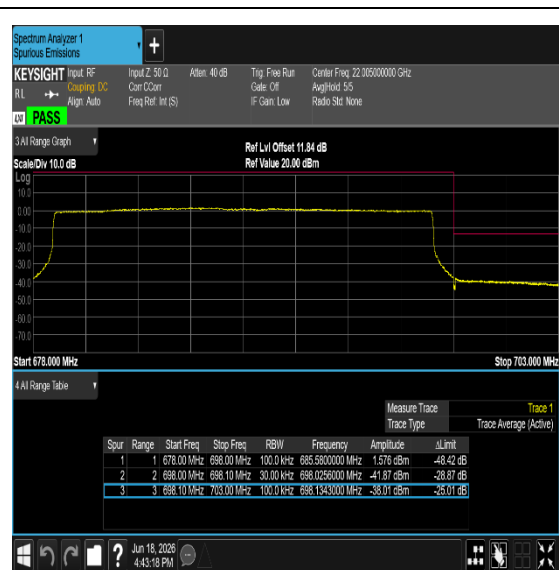


Band71-20MHz-QPSK-133372-1RB#99-PASS

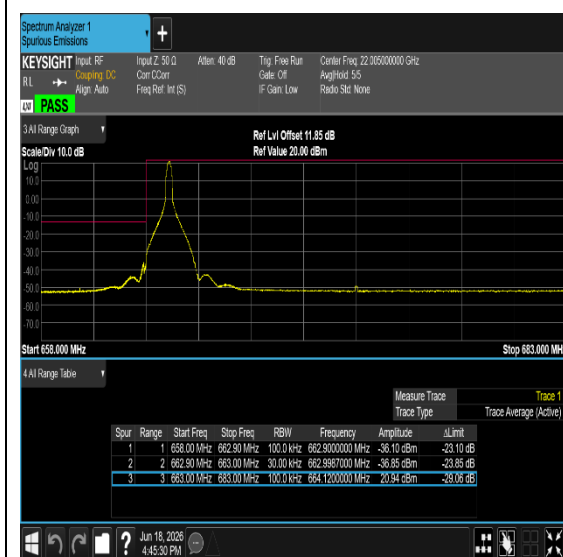
Band71-20MHz-QPSK-133372-100RB#0-PASS



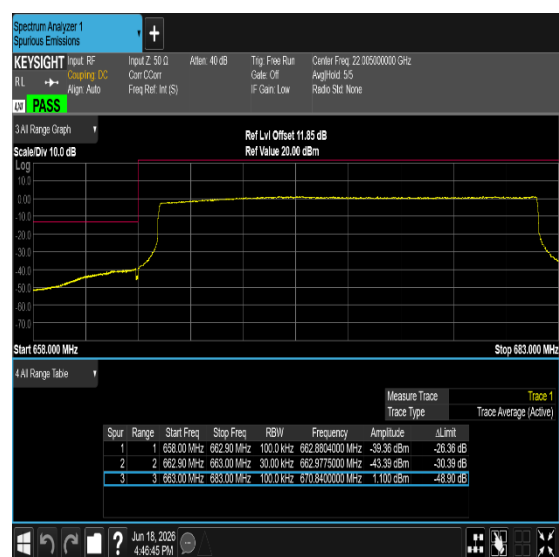
Band71-20MHz-64QAM-133222-1RB#0-PASS



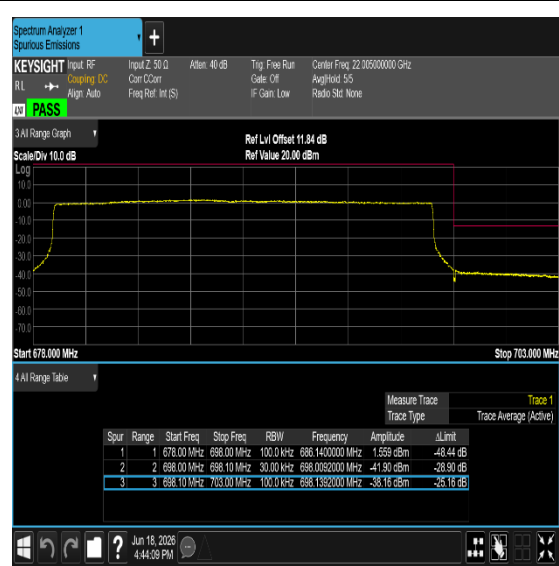
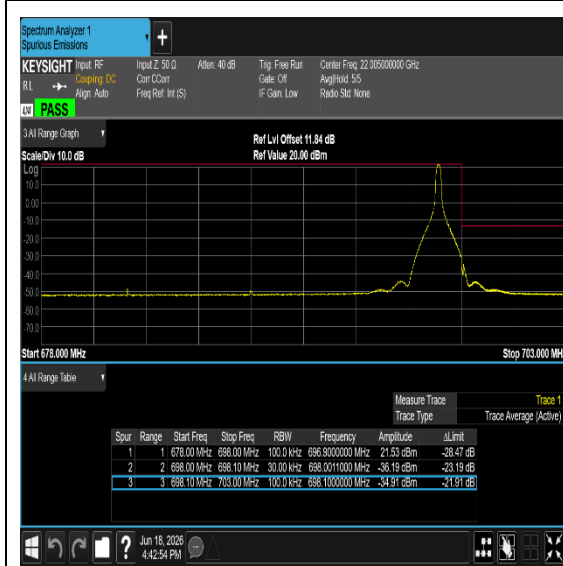
Band71-20MHz-64QAM-133222-100RB#0-PASS



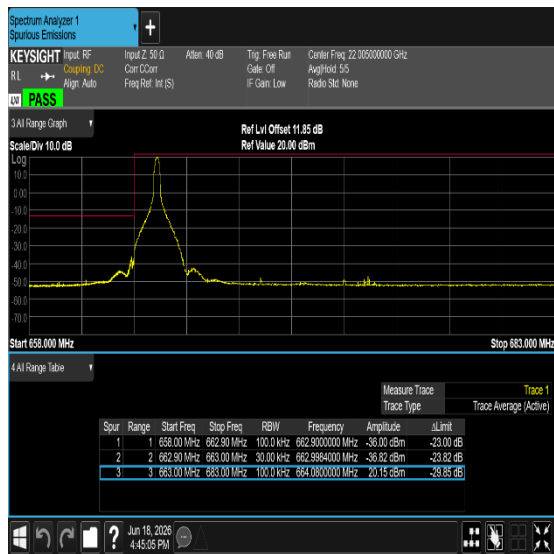
Band71-20MHz-64QAM-133372-1RB#99-PASS



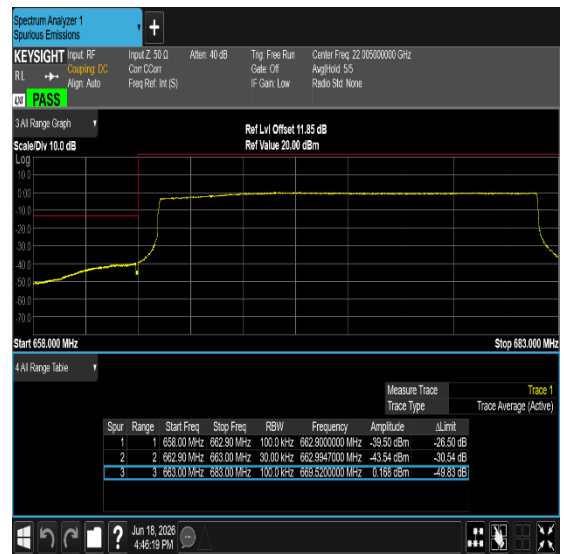
Band71-20MHz-64QAM-133372-100RB#0-PASS



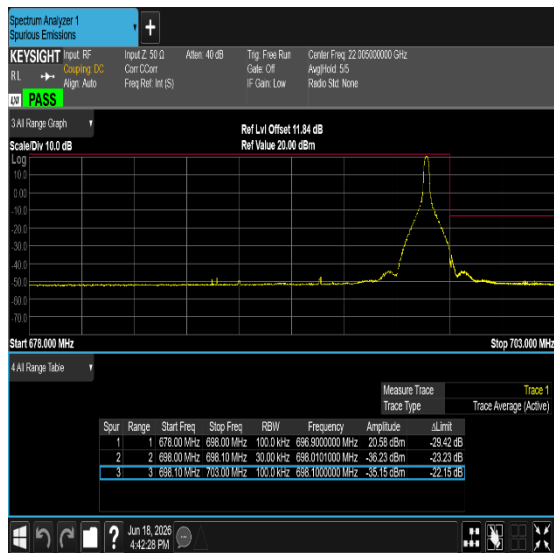
Band71-20MHz-16QAM-133222-1RB#0-PASS



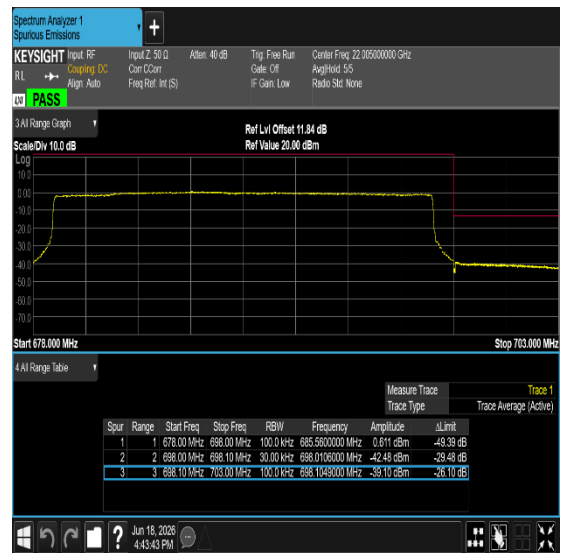
Band71-20MHz-16QAM-133222-100RB#0-PASS



Band71-20MHz-16QAM-133372-1RB#99-PASS



Band71-20MHz-16QAM-133372-100RB#0-PASS

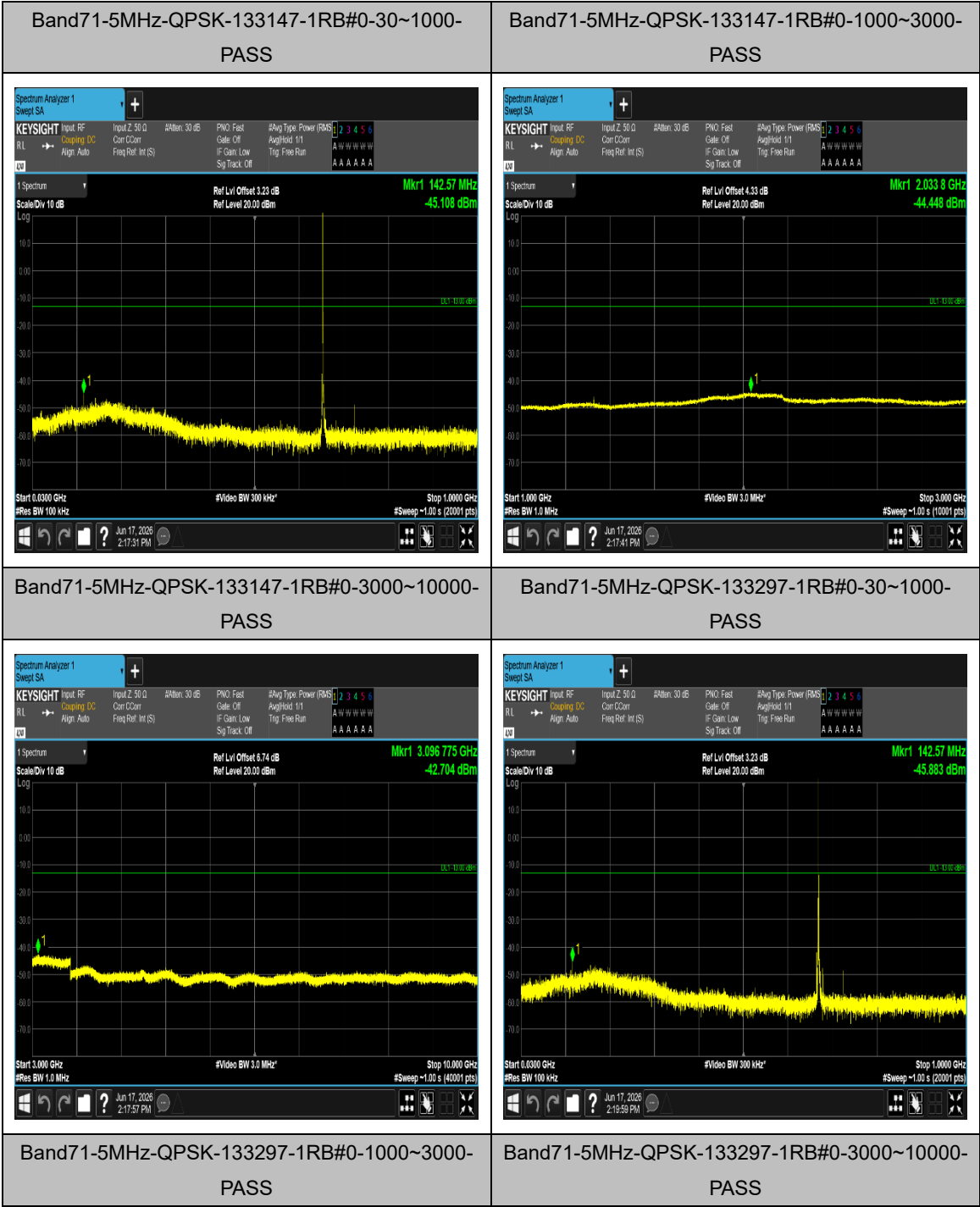


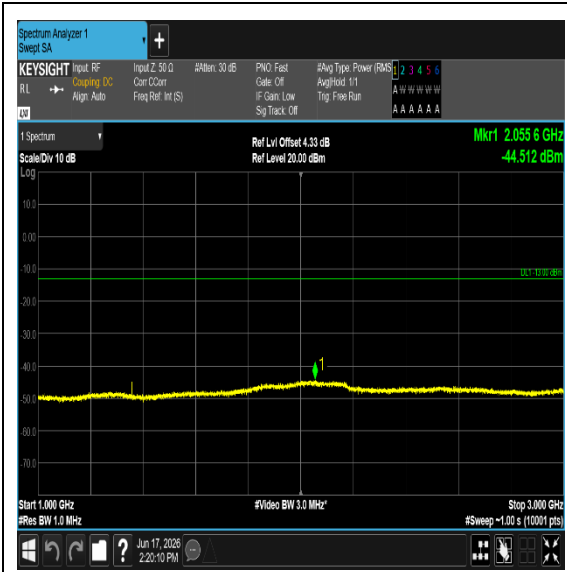
Conducted Spurious Emission

Test Result

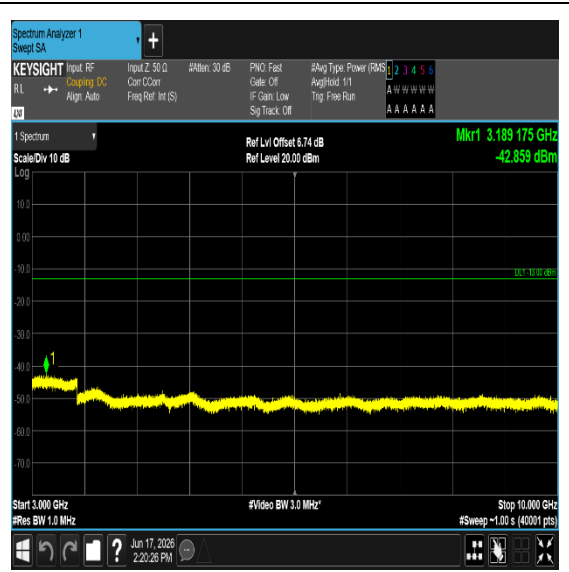
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band71	5MHz	QPSK	133147	1RB#0	30~1000	-45.11	PASS
Band71	5MHz	QPSK	133147	1RB#0	1000~3000	-44.45	PASS
Band71	5MHz	QPSK	133147	1RB#0	3000~10000	-42.70	PASS
Band71	5MHz	QPSK	133297	1RB#0	30~1000	-45.88	PASS
Band71	5MHz	QPSK	133297	1RB#0	1000~3000	-44.51	PASS
Band71	5MHz	QPSK	133297	1RB#0	3000~10000	-42.86	PASS
Band71	5MHz	QPSK	133447	1RB#0	30~1000	-46.62	PASS
Band71	5MHz	QPSK	133447	1RB#0	1000~3000	-43.22	PASS
Band71	5MHz	QPSK	133447	1RB#0	3000~10000	-42.51	PASS
Band71	10MHz	QPSK	133172	1RB#0	30~1000	-46.87	PASS
Band71	10MHz	QPSK	133172	1RB#0	1000~3000	-44.34	PASS
Band71	10MHz	QPSK	133172	1RB#0	3000~10000	-42.54	PASS
Band71	10MHz	QPSK	133297	1RB#0	30~1000	-45.38	PASS
Band71	10MHz	QPSK	133297	1RB#0	1000~3000	-44.24	PASS
Band71	10MHz	QPSK	133297	1RB#0	3000~10000	-42.93	PASS
Band71	10MHz	QPSK	133422	1RB#0	30~1000	-46.98	PASS
Band71	10MHz	QPSK	133422	1RB#0	1000~3000	-34.41	PASS
Band71	10MHz	QPSK	133422	1RB#0	3000~10000	-42.70	PASS
Band71	15MHz	QPSK	133197	1RB#0	30~1000	-45.20	PASS
Band71	15MHz	QPSK	133197	1RB#0	1000~3000	-44.39	PASS
Band71	15MHz	QPSK	133197	1RB#0	3000~10000	-42.08	PASS
Band71	15MHz	QPSK	133297	1RB#0	30~1000	-45.02	PASS
Band71	15MHz	QPSK	133297	1RB#0	1000~3000	-44.21	PASS
Band71	15MHz	QPSK	133297	1RB#0	3000~10000	-42.80	PASS
Band71	15MHz	QPSK	133397	1RB#0	30~1000	-45.09	PASS
Band71	15MHz	QPSK	133397	1RB#0	1000~3000	-36.07	PASS
Band71	15MHz	QPSK	133397	1RB#0	3000~10000	-42.78	PASS
Band71	20MHz	QPSK	133222	1RB#0	30~1000	-62.79	PASS
Band71	20MHz	QPSK	133222	1RB#0	1000~3000	-40.88	PASS
Band71	20MHz	QPSK	133222	1RB#0	3000~10000	-50.21	PASS
Band71	20MHz	QPSK	133322	1RB#0	30~1000	-63.22	PASS
Band71	20MHz	QPSK	133322	1RB#0	1000~3000	-39.59	PASS
Band71	20MHz	QPSK	133322	1RB#0	3000~10000	-50.76	PASS
Band71	20MHz	QPSK	133372	1RB#0	30~1000	-62.14	PASS
Band71	20MHz	QPSK	133372	1RB#0	1000~3000	-40.34	PASS
Band71	20MHz	QPSK	133372	1RB#0	3000~10000	-50.50	PASS

Test Graphs

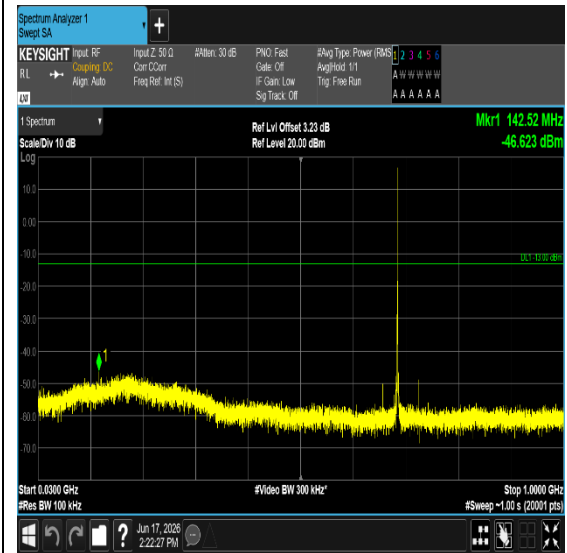




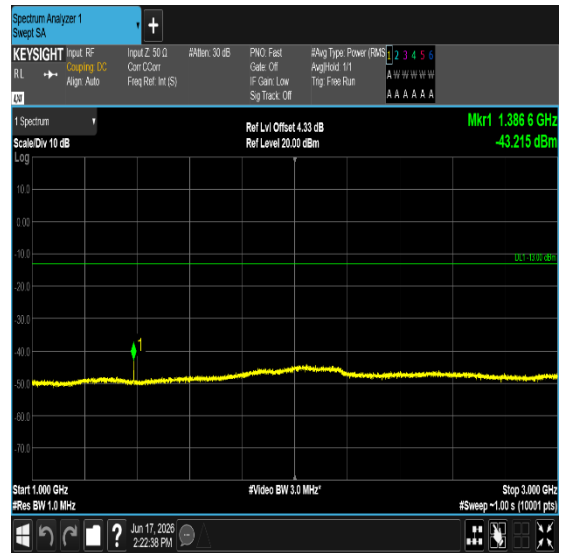
Band71-5MHz-QPSK-133447-1RB#0-30~1000-
PASS



Band71-5MHz-QPSK-133447-1RB#0-1000~3000-
PASS



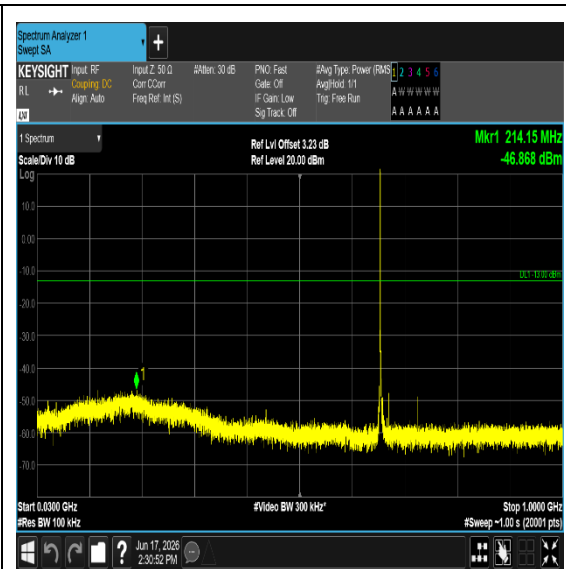
Band71-5MHz-QPSK-133447-1RB#0-3000~10000-
PASS



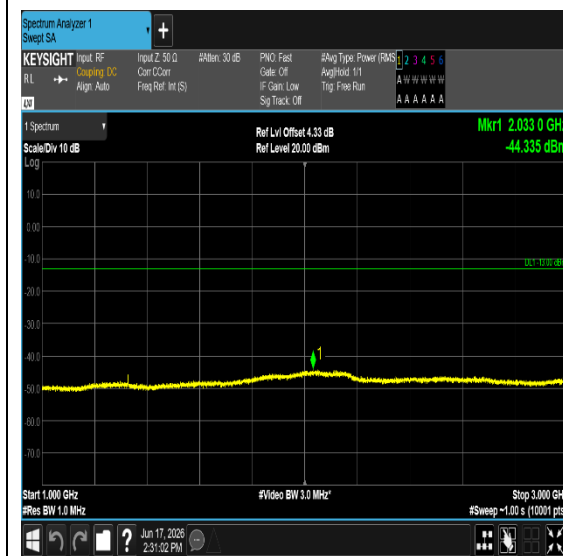
Band71-10MHz-QPSK-133172-1RB#0-30~1000-
PASS



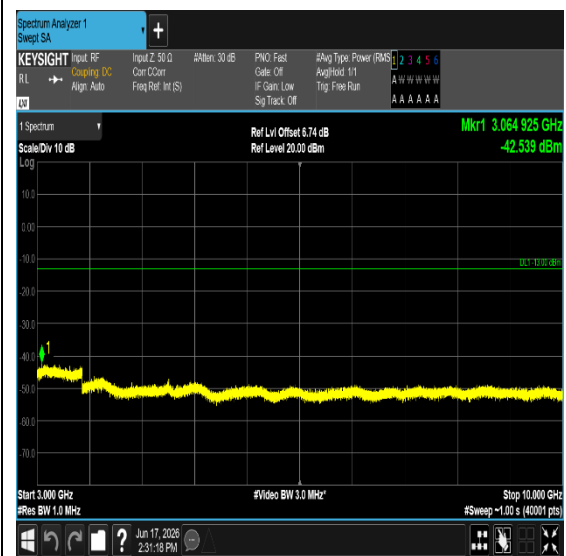
Band71-10MHz-QPSK-133172-1RB#0-1000~3000-
PASS



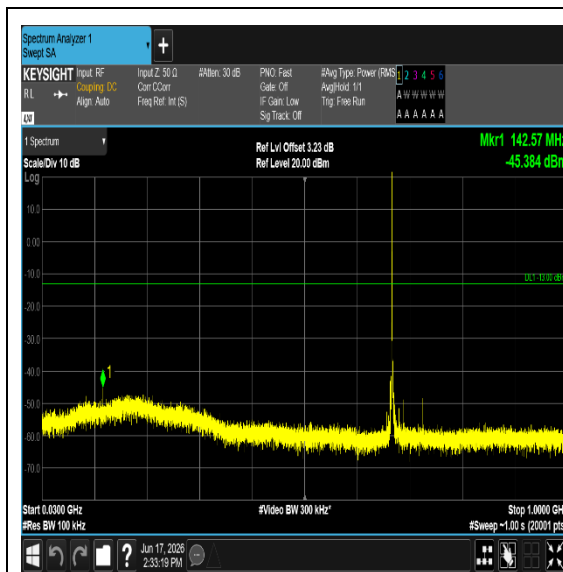
Band71-10MHz-QPSK-133172-1RB#0-
3000~10000-PASS



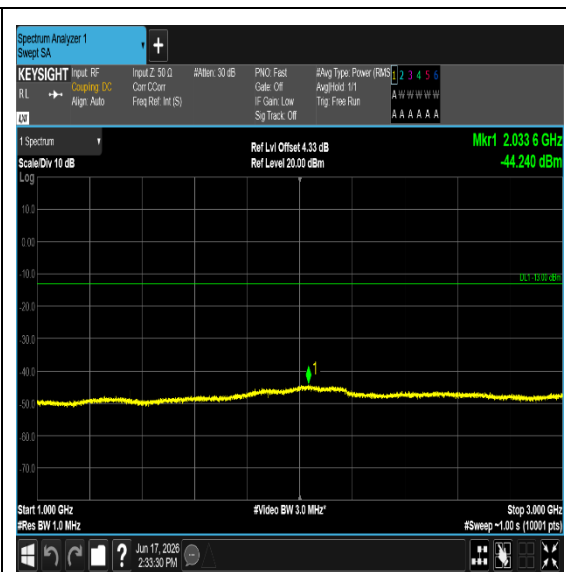
Band71-10MHz-QPSK-133297-1RB#0-30~1000-
PASS



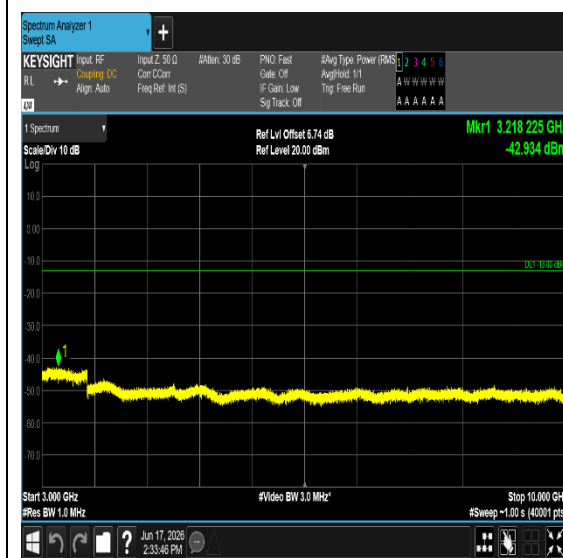
Band71-10MHz-QPSK-133297-1RB#0-1000~3000-
PASS



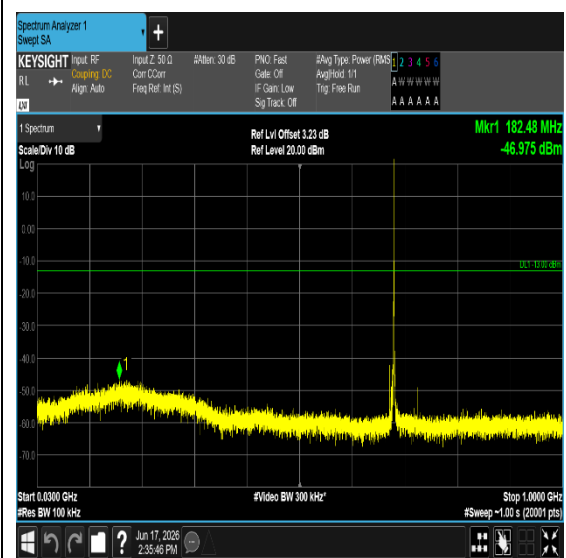
Band71-10MHz-QPSK-133297-1RB#0-
3000~10000-PASS



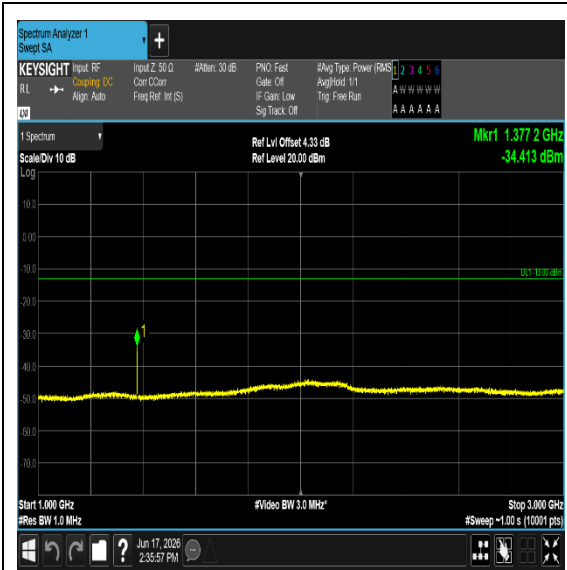
Band71-10MHz-QPSK-133422-1RB#0-30~1000-
PASS



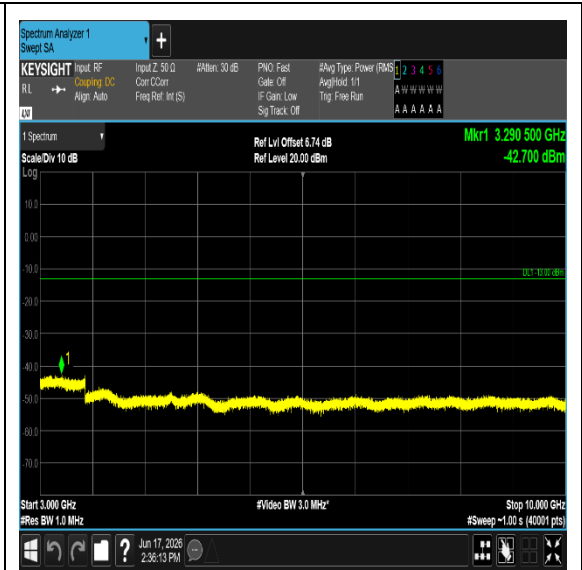
Band71-10MHz-QPSK-133422-1RB#0-1000~3000-
PASS



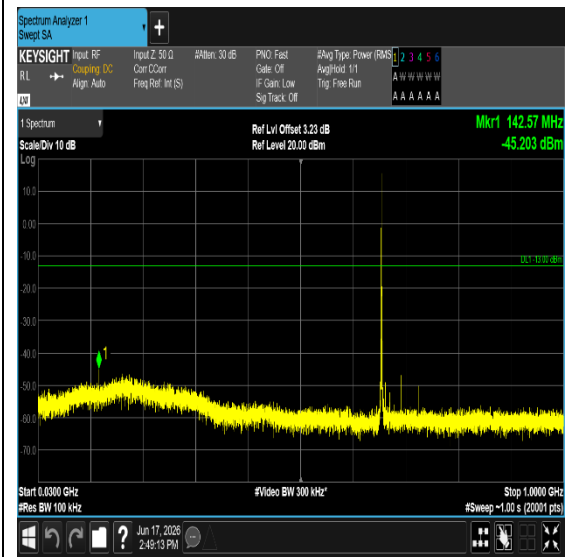
Band71-10MHz-QPSK-133422-1RB#0-
3000~10000-PASS



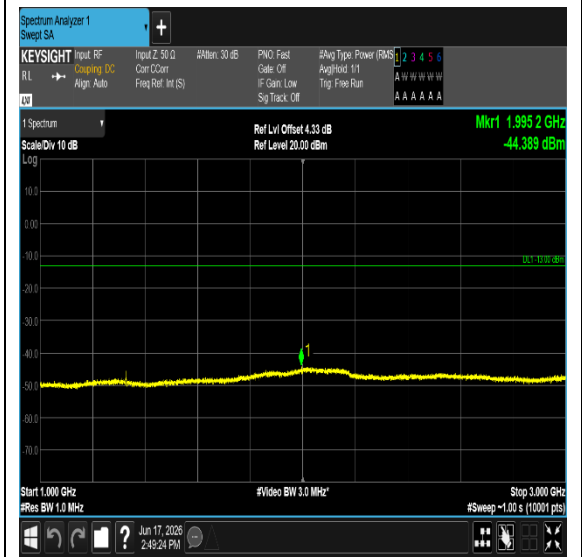
Band71-15MHz-QPSK-133197-1RB#0-30~1000-PASS



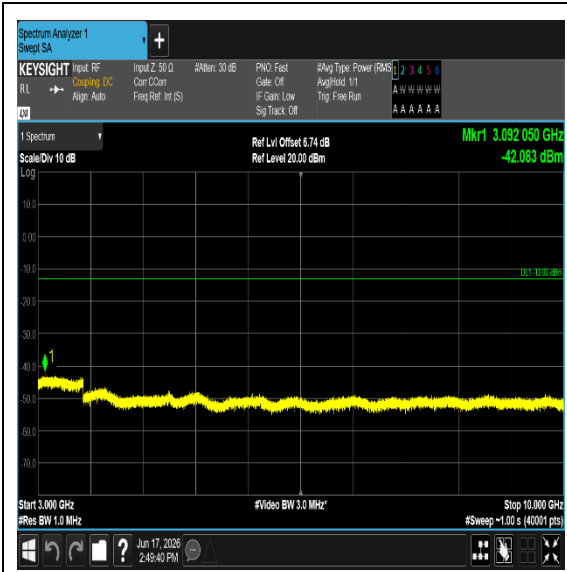
Band71-15MHz-QPSK-133197-1RB#0-1000~3000-PASS



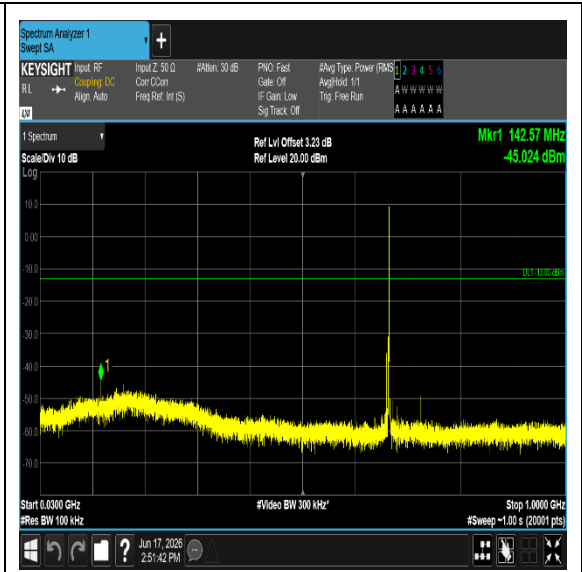
Band71-15MHz-QPSK-133197-1RB#0-3000~10000-PASS



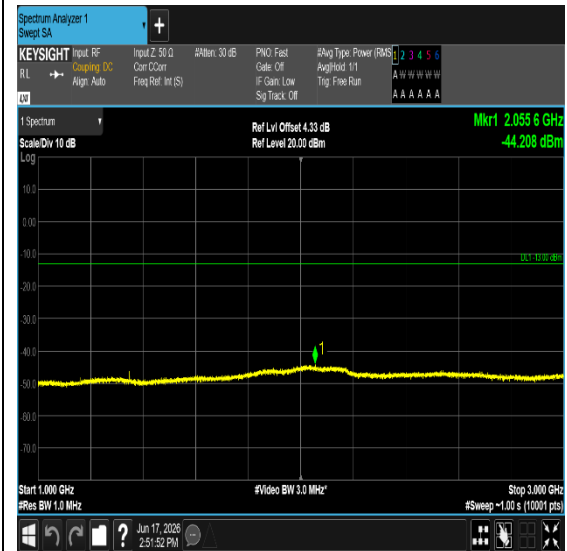
Band71-15MHz-QPSK-133297-1RB#0-30~1000-PASS



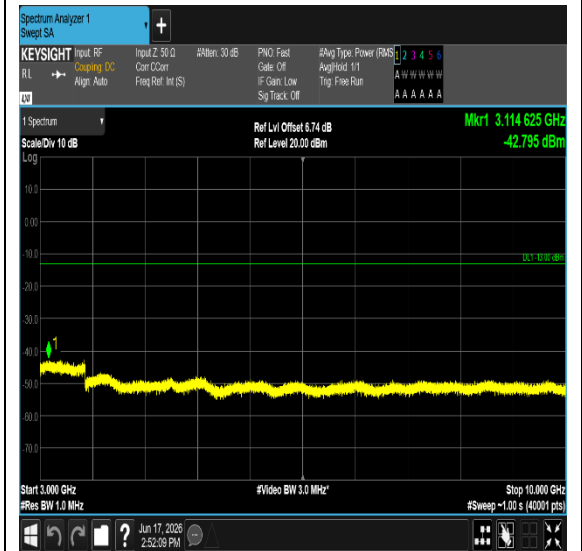
Band71-15MHz-QPSK-133297-1RB#0-1000~3000-
PASS



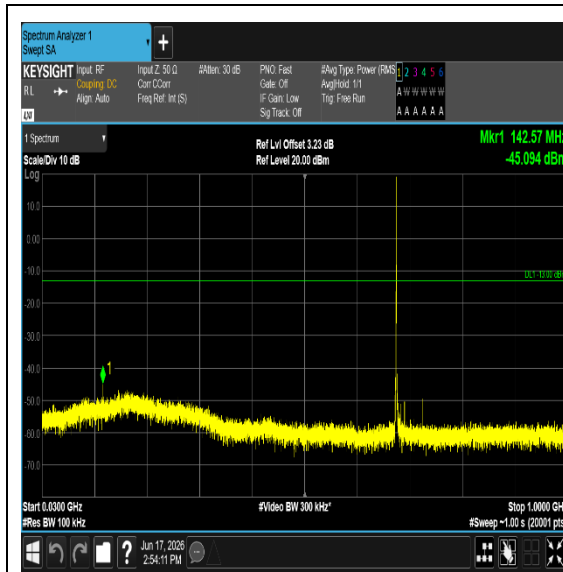
Band71-15MHz-QPSK-133297-1RB#0-
3000~10000-PASS



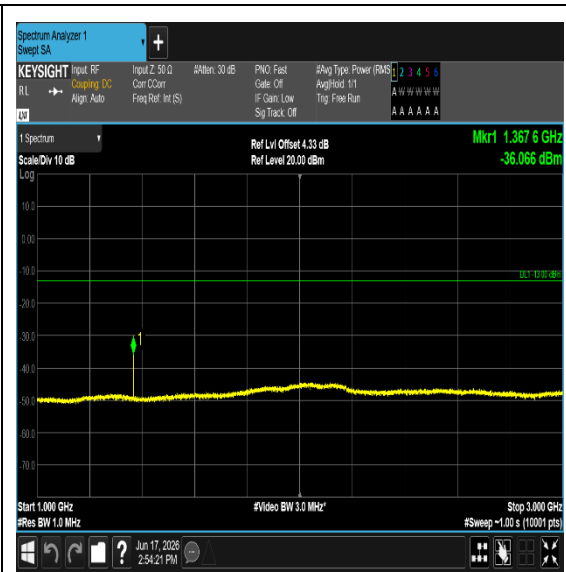
Band71-15MHz-QPSK-133397-1RB#0-30~1000-
PASS



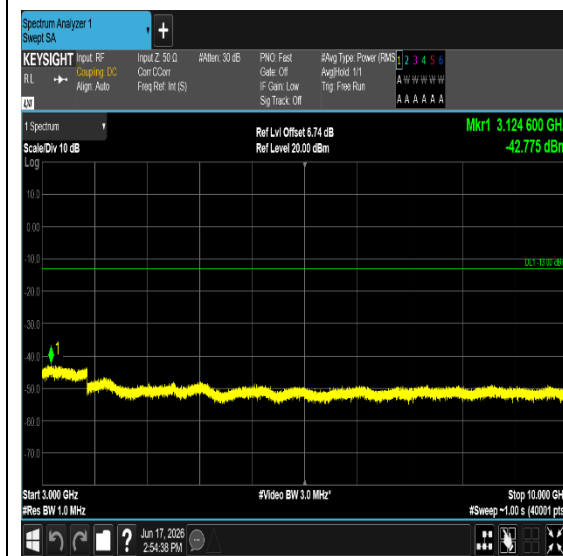
Band71-15MHz-QPSK-133397-1RB#0-1000~3000-
PASS



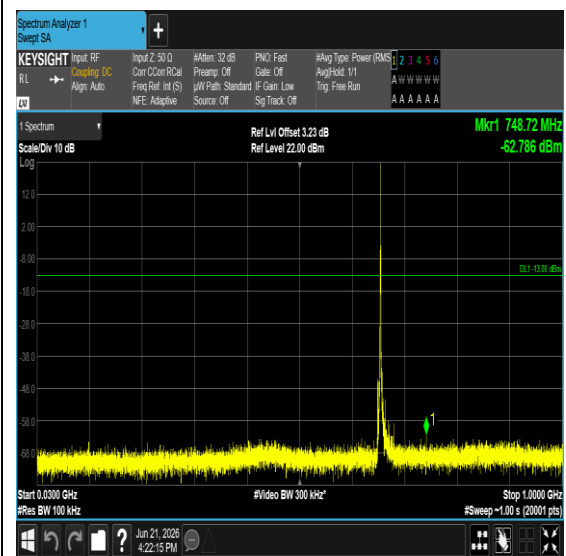
Band71-15MHz-QPSK-133397-1RB#0-
3000~10000-PASS



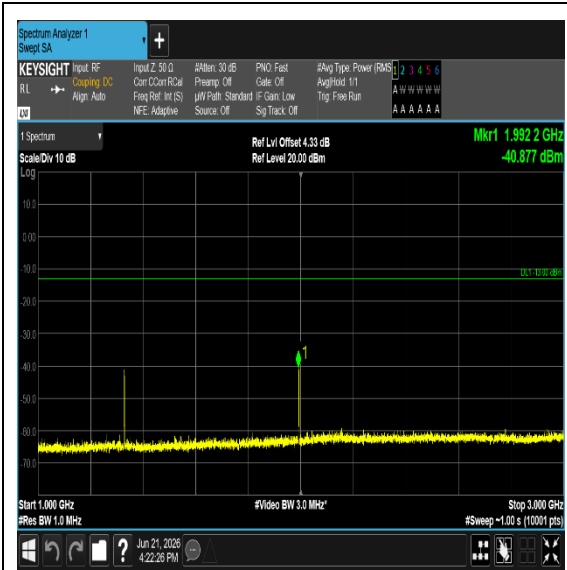
Band71-20MHz-QPSK-133222-1RB#0-30~1000-
PASS



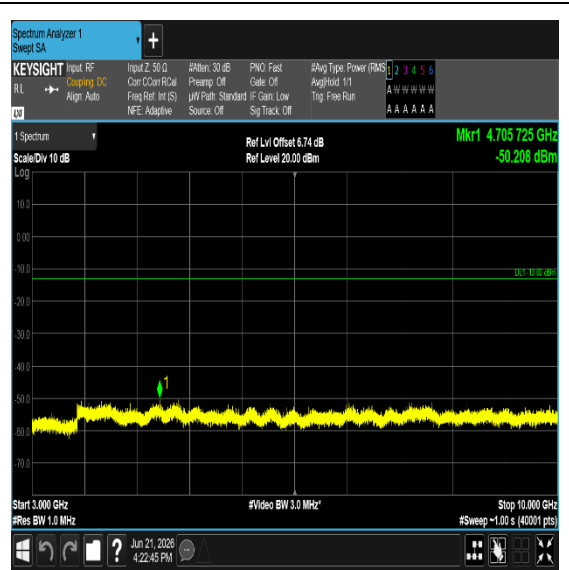
Band71-20MHz-QPSK-133222-1RB#0-1000~3000-
PASS



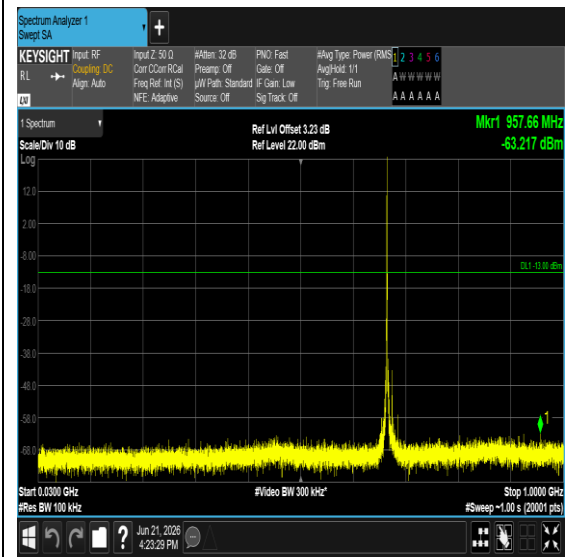
Band71-20MHz-QPSK-133222-1RB#0-
3000~10000-PASS



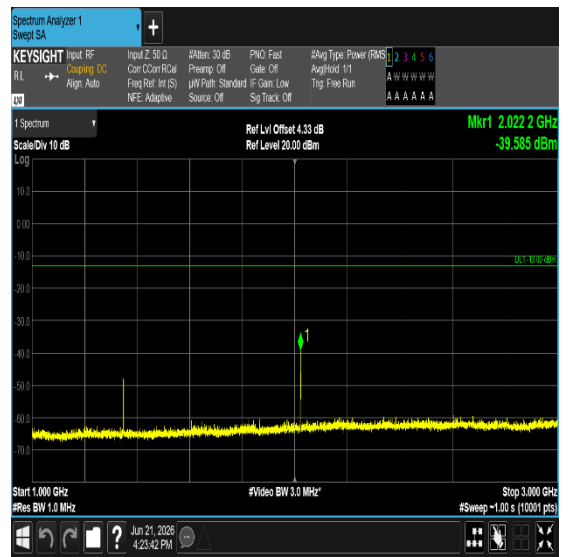
Band71-20MHz-QPSK-133322-1RB#0-30~1000-
PASS



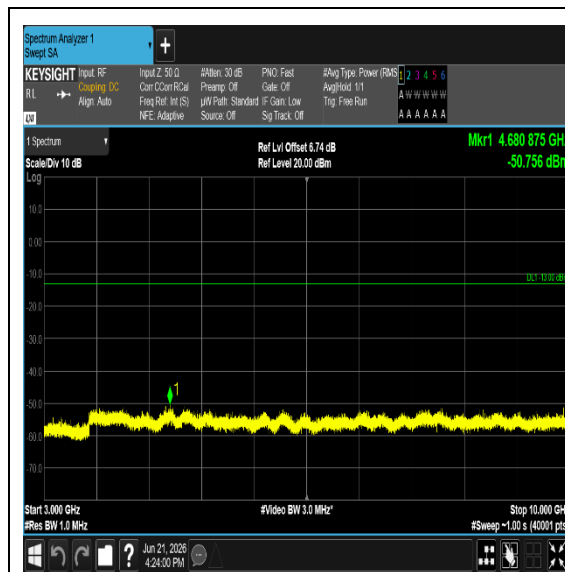
Band71-20MHz-QPSK-133322-1RB#0-1000~3000-
PASS



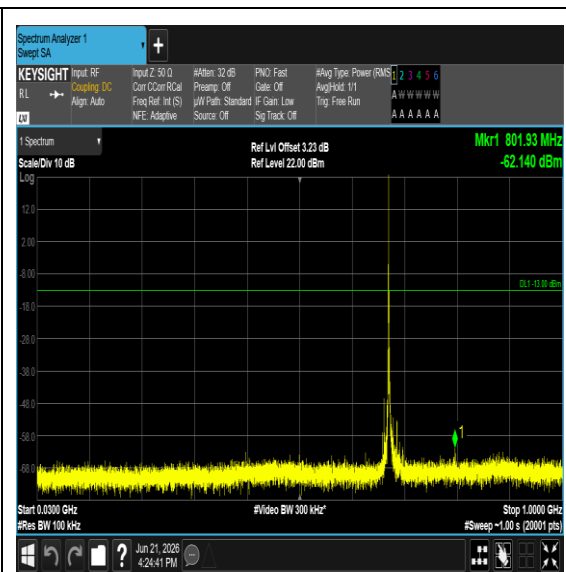
Band71-20MHz-QPSK-133322-1RB#0-
3000~10000-PASS



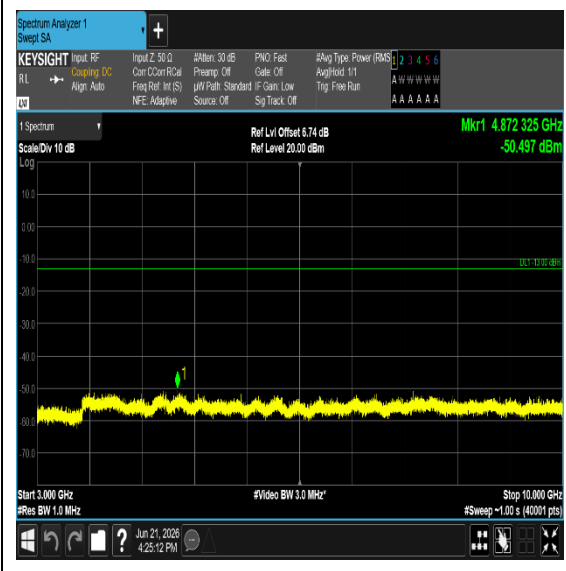
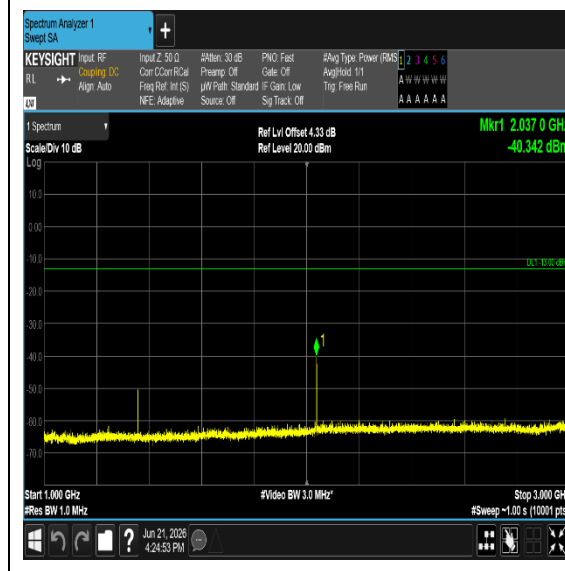
Band71-20MHz-QPSK-133372-1RB#0-30~1000-
PASS



Band71-20MHz-QPSK-133372-1RB#0-1000~3000-PASS



Band71-20MHz-QPSK-133372-1RB#0-3000~10000-PASS



Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	10MHz	QPSK	133172	50RB#0	VN	NT	4.32	0.006472	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VL	NT	3.13	0.004685	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	VH	NT	2.88	0.004309	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VN	NT	5.10	0.007362	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VL	NT	5.00	0.007216	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	VH	NT	4.56	0.006586	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band71	10MHz	QPSK	133172	50RB#0	NV	-30	6.96	0.010419	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	-20	12.17	0.018212	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	-10	15.05	0.02253	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	0	9.73	0.014571	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	10	12.16	0.018198	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	20	15.38	0.023017	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	30	12.64	0.018924	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	40	13.22	0.019785	±2.5	PASS
Band71	10MHz	QPSK	133172	50RB#0	NV	50	14.35	0.021479	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	-30	18.08	0.026088	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	-20	19.23	0.027747	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	-10	9.88	0.014255	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	0	18.51	0.026713	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	10	11.58	0.016711	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	20	5.25	0.007581	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	30	8.88	0.012809	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	40	6.26	0.009028	±2.5	PASS
Band71	10MHz	QPSK	133422	50RB#0	NV	50	14.80	0.021359	±2.5	PASS

FCC-SA N7

Peak-to-Average Ratio for SA

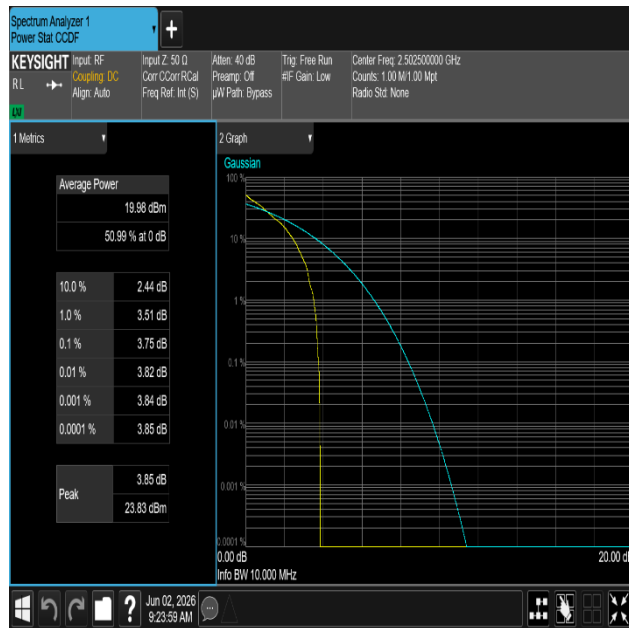
Peak-to-Average Ratio(CCDF)

Test Result

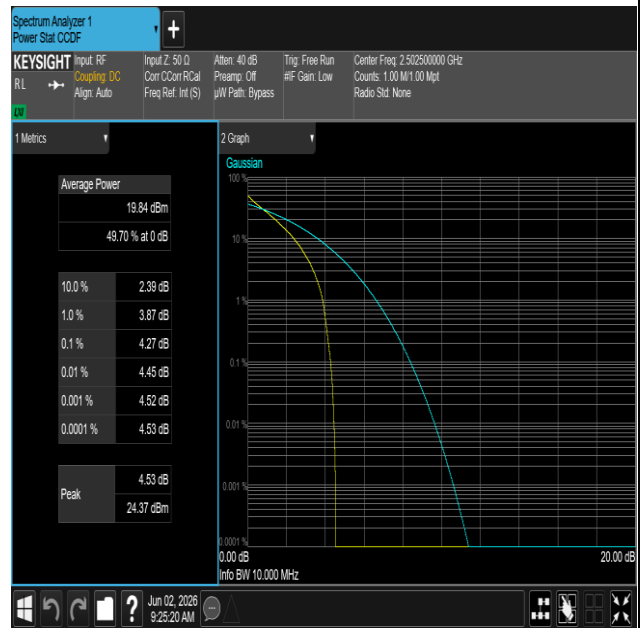
Band	SCS (kHz)	Bandwidth (MHz)	Modulation	Channel	RB Config	Result (dB)	Limit	Verdict
n7	15	5	DFT-QPSK	L	Edge_1RB_Left	3.75	≤13dB	PASS
n7	15	5	DFT-QPSK	L	Outer_Full	4.27	≤13dB	PASS
n7	15	5	DFT-QPSK	M	Edge_1RB_Left	3.69	≤13dB	PASS
n7	15	5	DFT-QPSK	M	Outer_Full	3.56	≤13dB	PASS
n7	15	5	DFT-QPSK	H	Edge_1RB_Left	4.44	≤13dB	PASS
n7	15	5	DFT-QPSK	H	Outer_Full	4.85	≤13dB	PASS
n7	15	10	DFT-QPSK	L	Edge_1RB_Left	3.9	≤13dB	PASS
n7	15	10	DFT-QPSK	L	Outer_Full	4.41	≤13dB	PASS
n7	15	10	DFT-QPSK	M	Edge_1RB_Left	3.81	≤13dB	PASS
n7	15	10	DFT-QPSK	M	Outer_Full	3.96	≤13dB	PASS
n7	15	10	DFT-QPSK	H	Edge_1RB_Left	4.55	≤13dB	PASS
n7	15	10	DFT-QPSK	H	Outer_Full	4.67	≤13dB	PASS
n7	15	15	DFT-QPSK	L	Edge_1RB_Left	3.73	≤13dB	PASS
n7	15	15	DFT-QPSK	L	Outer_Full	4.91	≤13dB	PASS
n7	15	15	DFT-QPSK	M	Edge_1RB_Left	4.11	≤13dB	PASS
n7	15	15	DFT-QPSK	M	Outer_Full	4.28	≤13dB	PASS
n7	15	15	DFT-QPSK	H	Edge_1RB_Left	4.18	≤13dB	PASS
n7	15	15	DFT-QPSK	H	Outer_Full	4.5	≤13dB	PASS
n7	15	20	DFT-QPSK	L	Edge_1RB_Left	3.81	≤13dB	PASS
n7	15	20	DFT-QPSK	L	Outer_Full	4.47	≤13dB	PASS
n7	15	20	DFT-QPSK	M	Edge_1RB_Left	4.06	≤13dB	PASS
n7	15	20	DFT-QPSK	M	Outer_Full	4.08	≤13dB	PASS
n7	15	20	DFT-QPSK	H	Edge_1RB_Left	4.1	≤13dB	PASS
n7	15	20	DFT-QPSK	H	Outer_Full	4.83	≤13dB	PASS

Test Graphs

NTNV-n7-PC3-15-5-L-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-n7-PC3-15-5-L-DFT-QPSK-Outer_Full-PASS



NTNV-n7-PC3-15-5-M-DFT-QPSK-Edge_1RB_Left-PASS

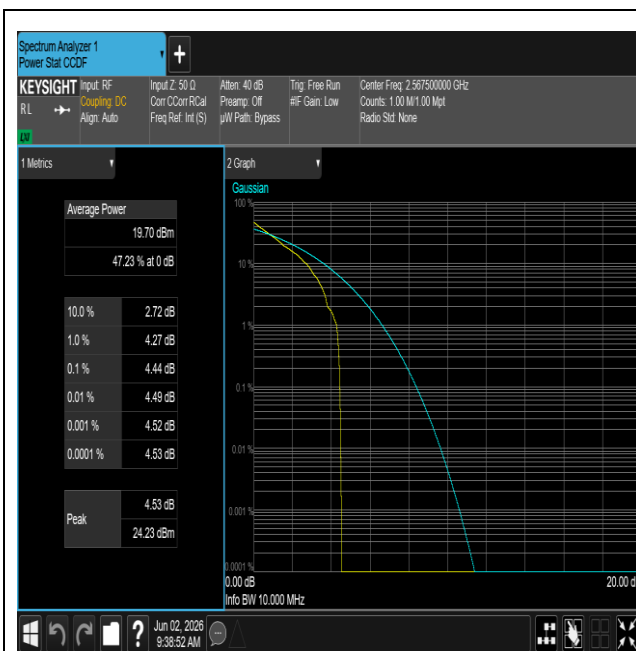


NTNV-n7-PC3-15-5-M-DFT-QPSK-Outer_Full-PASS

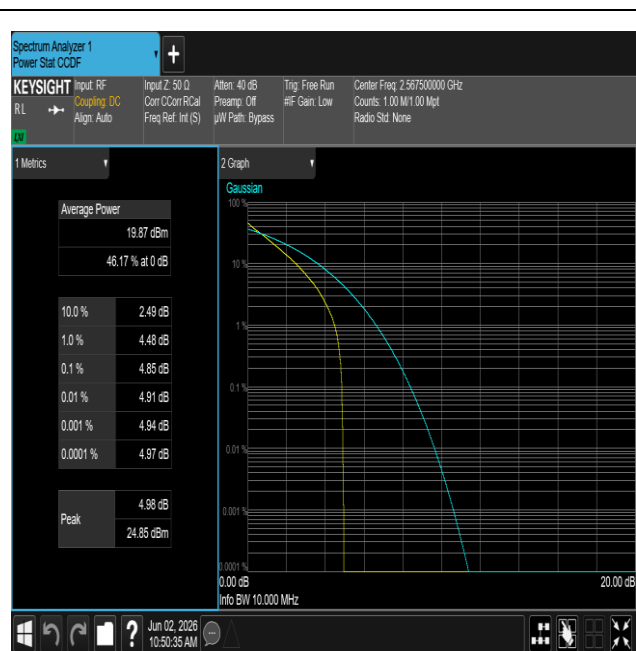


NTNV-n7-PC3-15-5-H-DFT-QPSK-Edge_1RB_Left-PASS

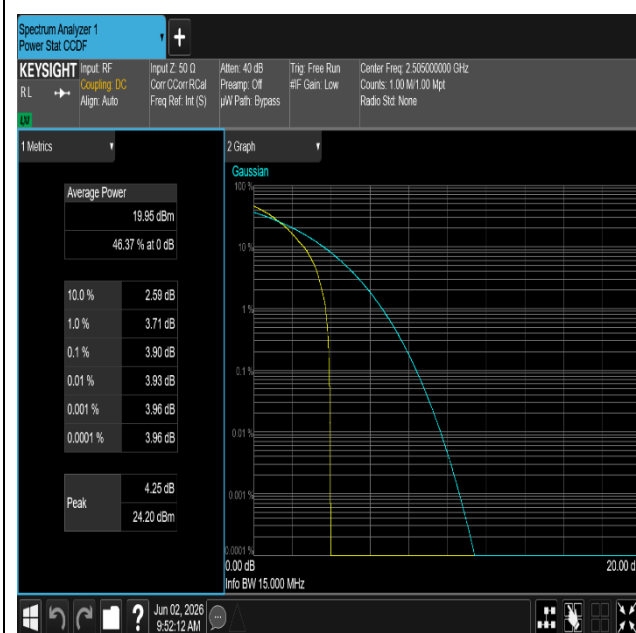
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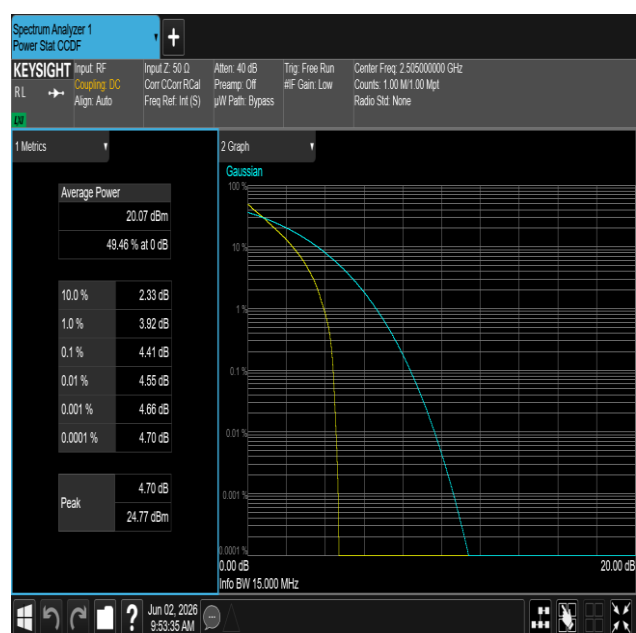
NTNV-n7-PC3-15-10-L-DFT-QPSK-Edge_1RB_Left-PASS



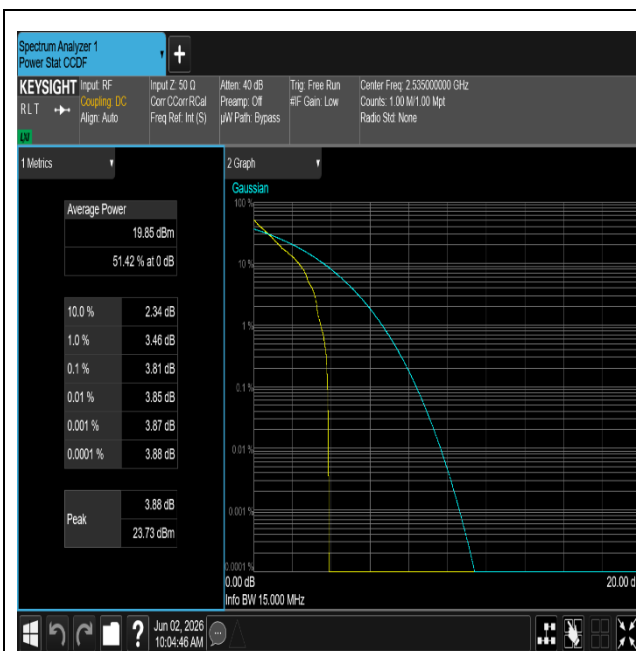
NTNV-n7-PC3-15-10-L-DFT-QPSK-Outer_Full-PASS



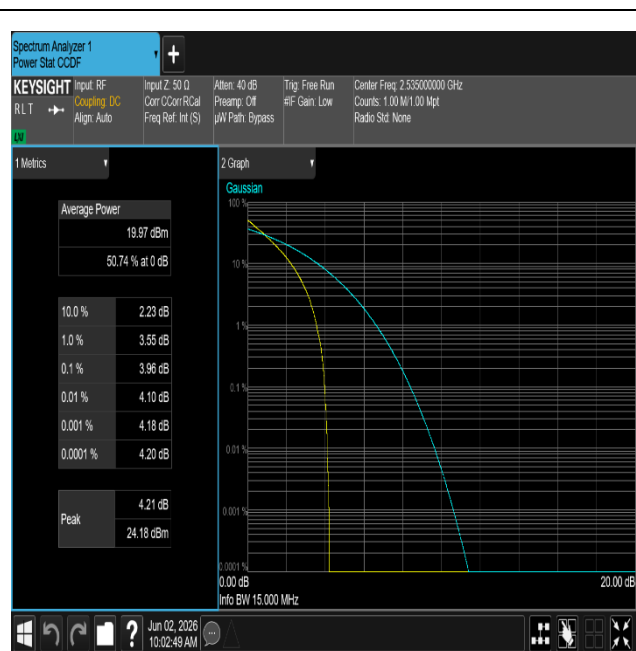
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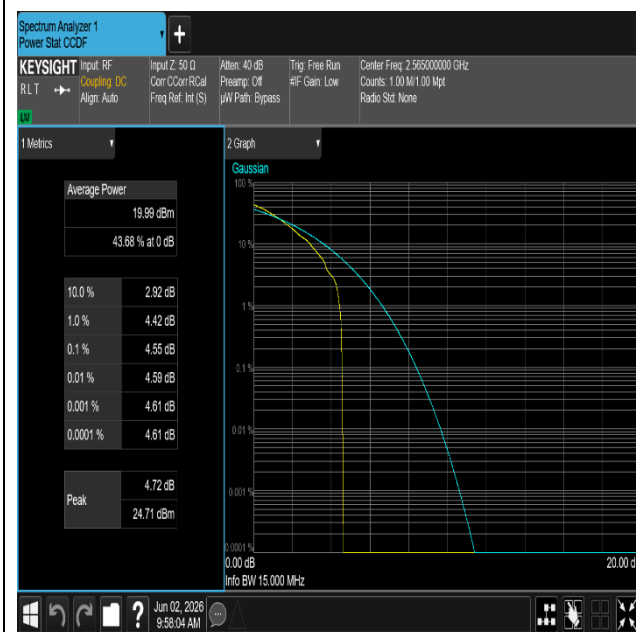
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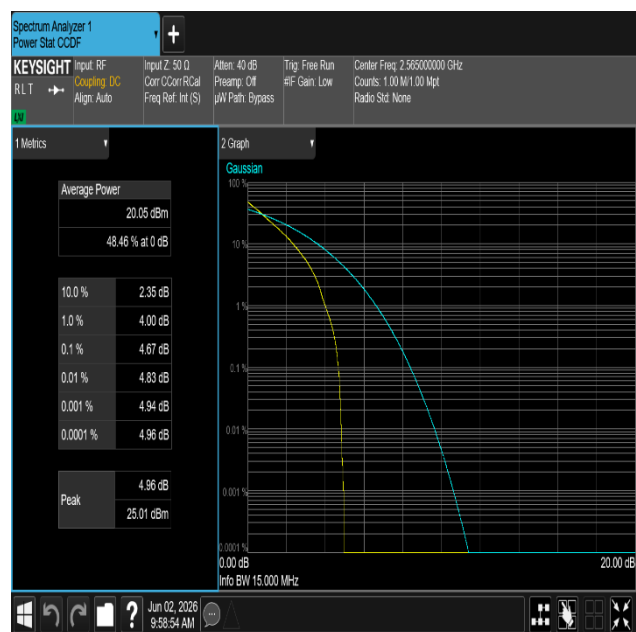
NTNV-n7-PC3-15-10-H-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-n7-PC3-15-10-H-DFT-QPSK-Outer_Full-PASS



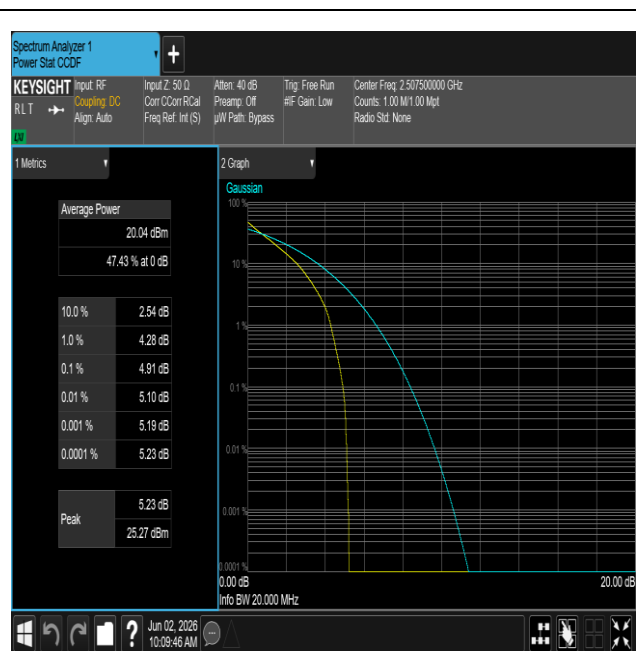
NTNV-n7-PC3-15-15-L-DFT-QPSK-Edge_1RB_Left-PASS



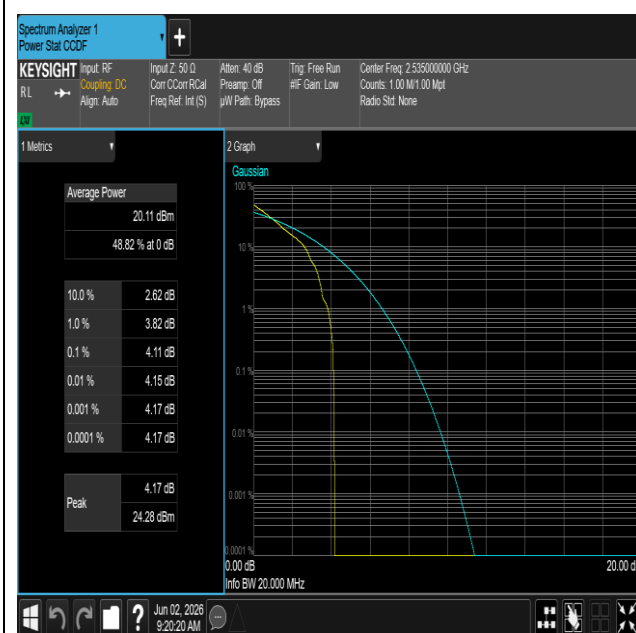
NTNV-n7-PC3-15-15-L-DFT-QPSK-Outer_Full-PASS



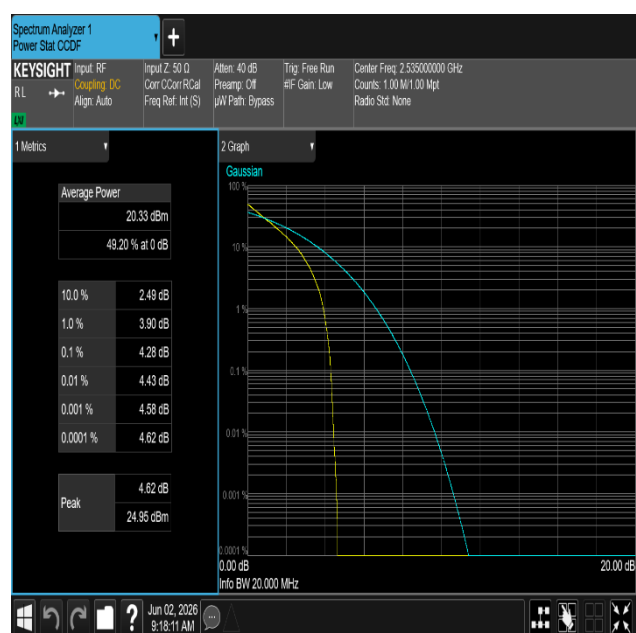
NTNV-n7-PC3-15-15-M-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-n7-PC3-15-15-M-DFT-QPSK-Outer_Full-PASS



NTNV-n7-PC3-15-15-H-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-n7-PC3-15-15-H-DFT-QPSK-Outer_Full-PASS