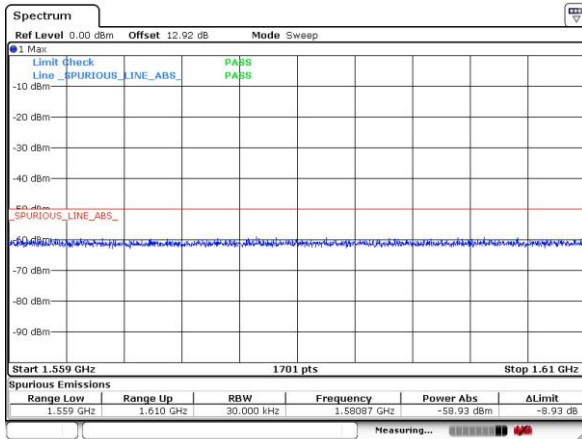




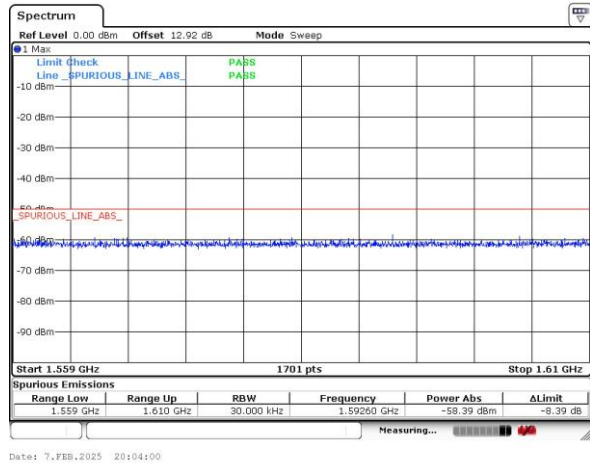
Band 23 SCS 3.75kHz

Discrete

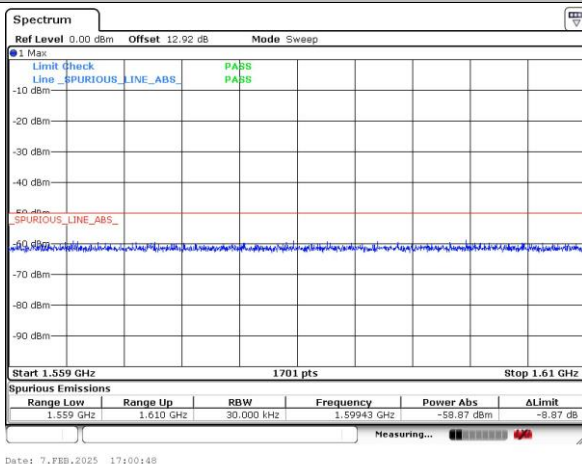
Lowest Channel / 1SC0 BPSK



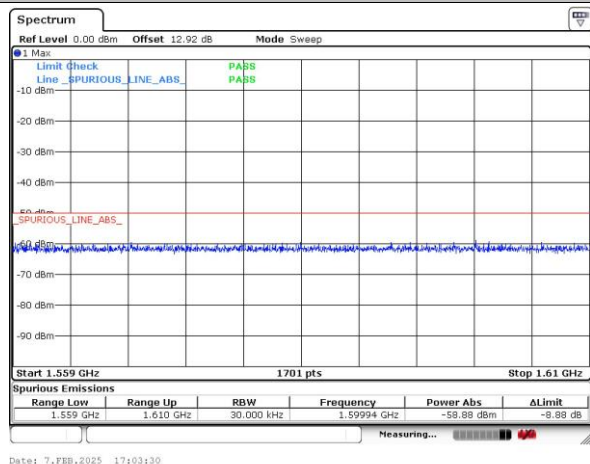
Lowest Channel / 1SC47 BPSK



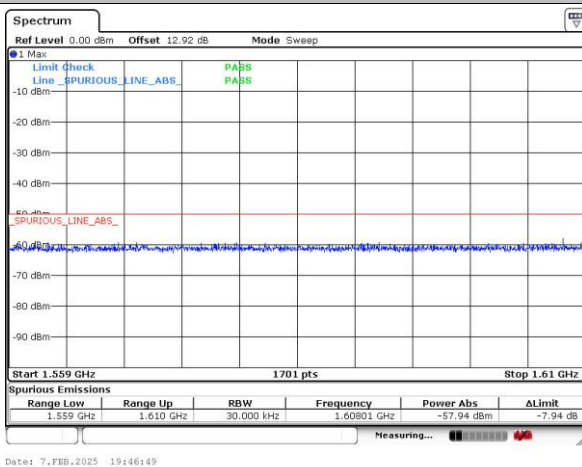
Middle Channel / 1SC0 BPSK



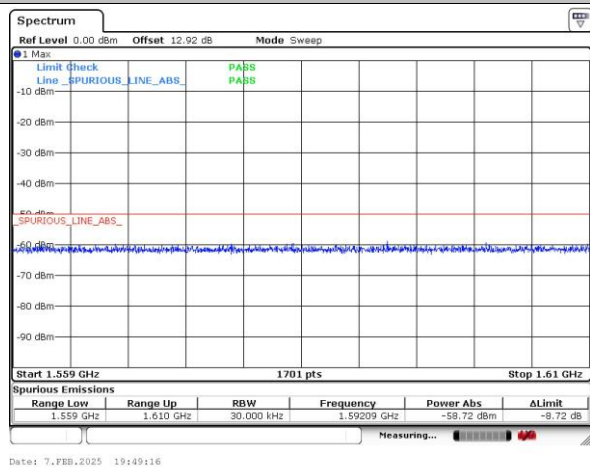
Middle Channel / 1SC47 BPSK



Highest Channel / 1SC0 BPSK

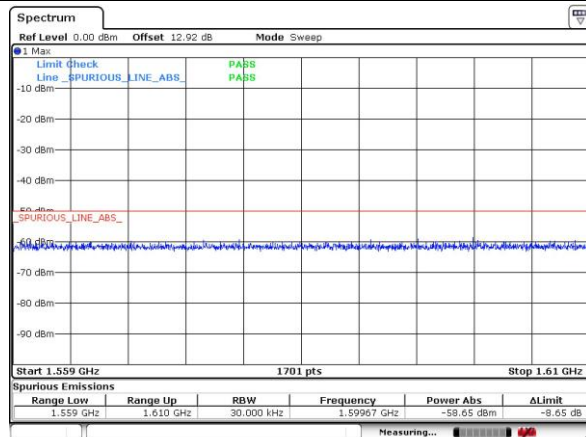


Highest Channel / 1SC47 BPSK



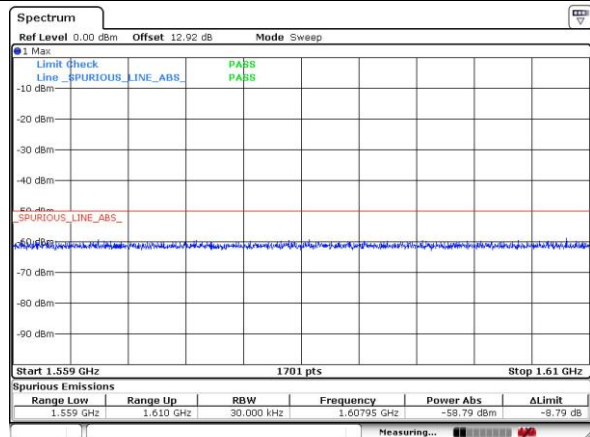


Lowest Channel / 1SC0 QPSK



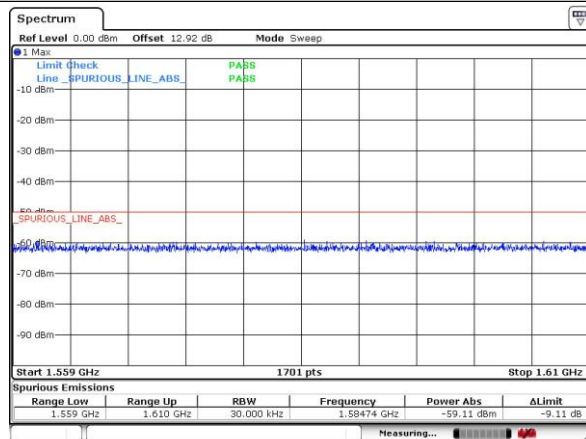
Date: 7.FEB.2025 20:03:00

Lowest Channel / 1SC47 QPSK



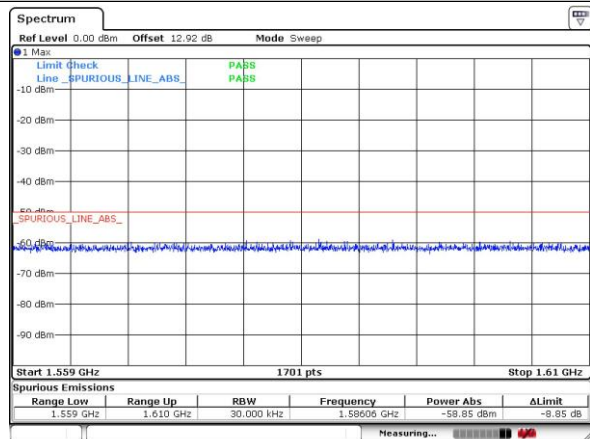
Date: 7.FEB.2025 20:05:02

Middle Channel / 1SC0 QPSK



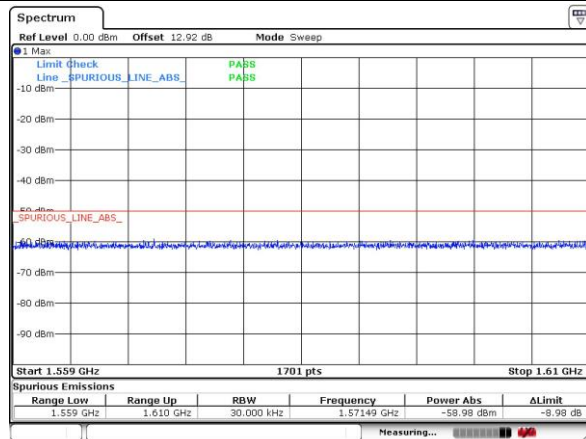
Date: 7.FEB.2025 17:04:23

Middle Channel / 1SC47 QPSK



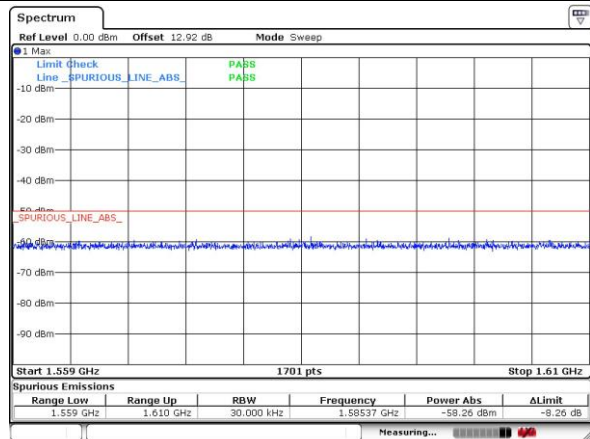
Date: 7.FEB.2025 17:05:43

Highest Channel / 1SC0 QPSK



Date: 7.FEB.2025 19:48:20

Highest Channel / 1SC47 QPSK



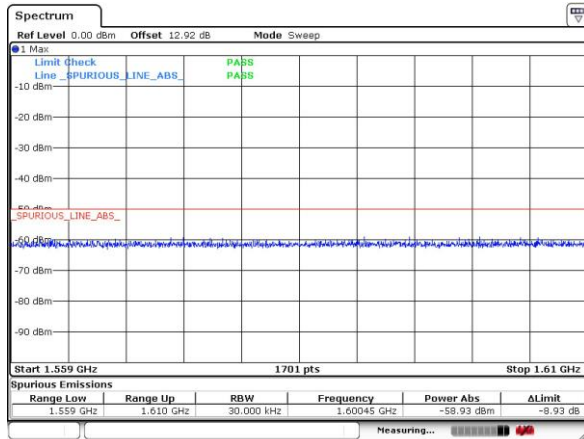
Date: 7.FEB.2025 19:50:14



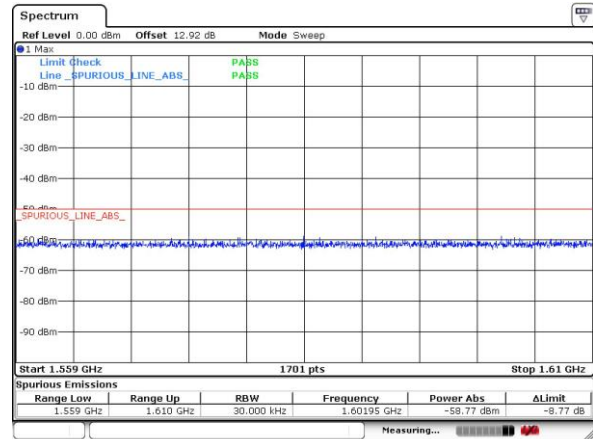
Band 23 SCS 15kHz

Discrete

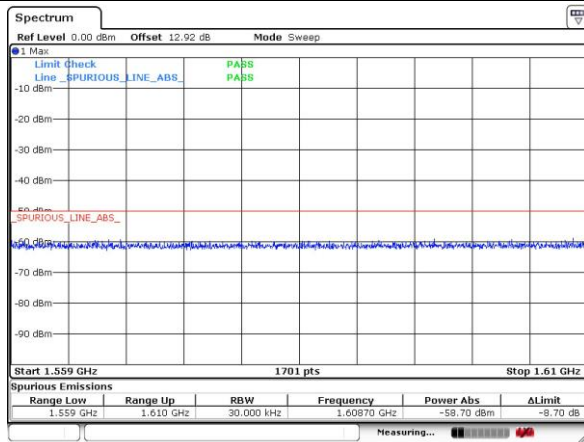
Lowest Channel / 1SC0 BPSK



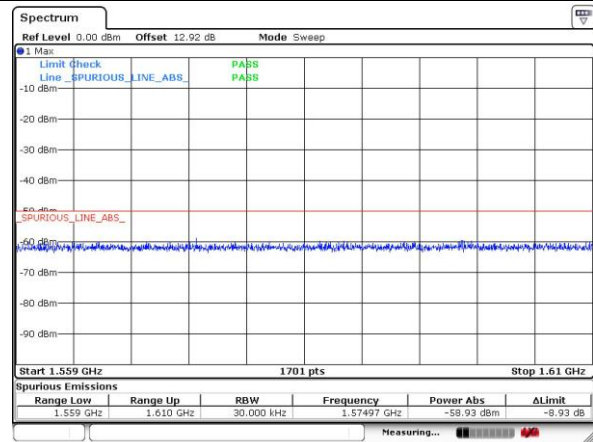
Lowest Channel / 1SC11 BPSK



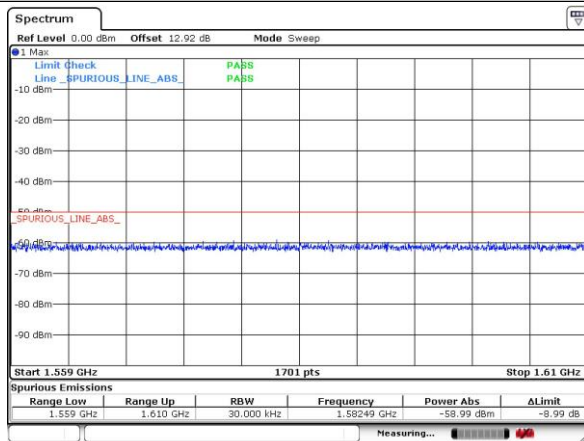
Middle Channel / 1SC0 BPSK



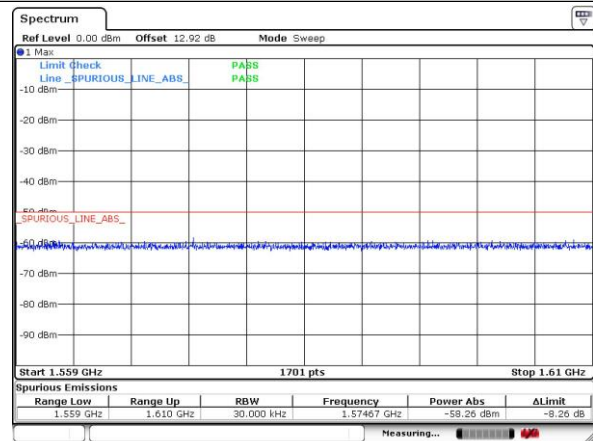
Middle Channel / 1SC11 BPSK



Highest Channel / 1SC0 BPSK

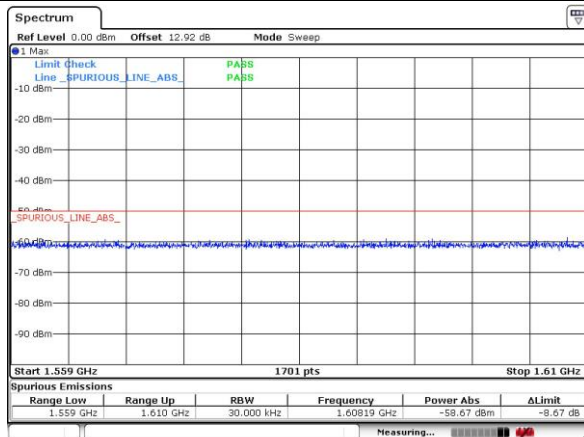


Highest Channel / 1SC11 BPSK



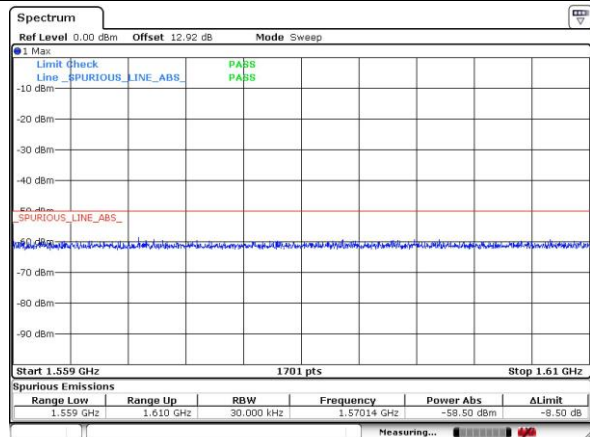


Lowest Channel / 1SC0 QPSK



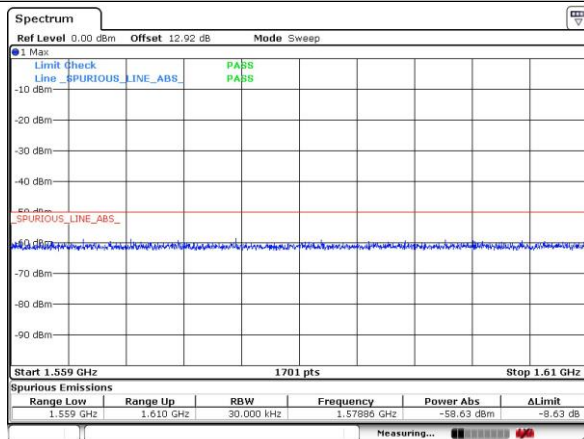
Date: 7.FEB.2025 20:08:03

Lowest Channel / 1SC11 QPSK



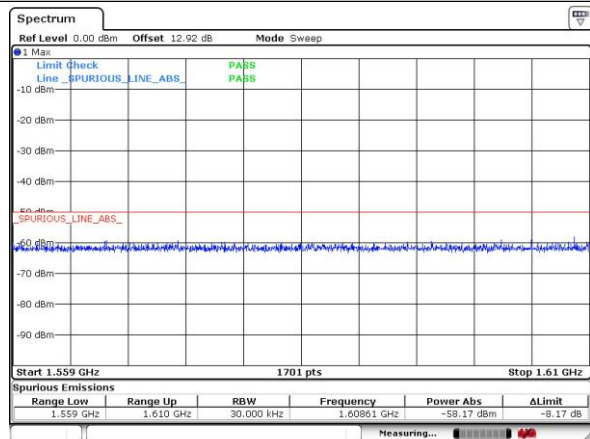
Date: 7.FEB.2025 20:10:20

Middle Channel / 1SC0 QPSK



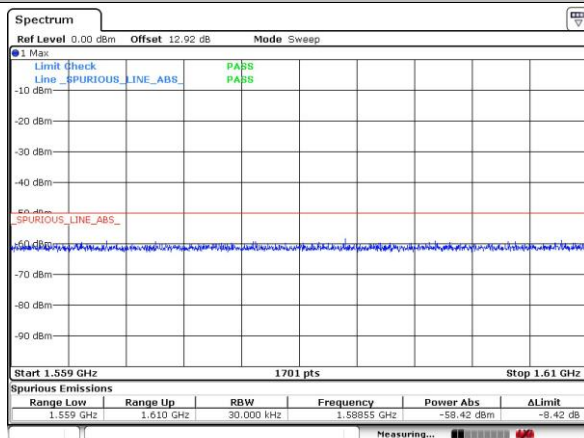
Date: 7.FEB.2025 17:10:57

Middle Channel / 1SC11 QPSK



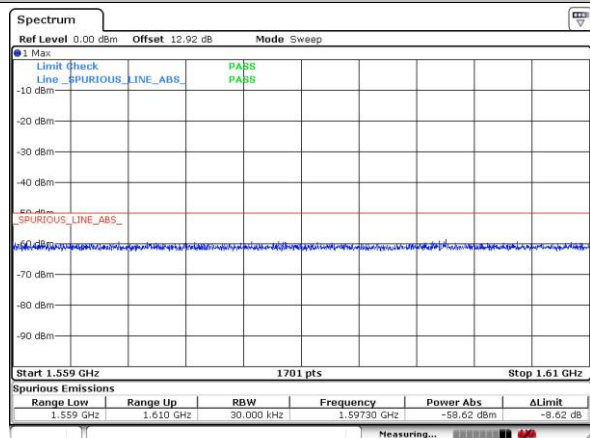
Date: 7.FEB.2025 17:13:19

Highest Channel / 1SC0 QPSK



Date: 7.FEB.2025 19:52:29

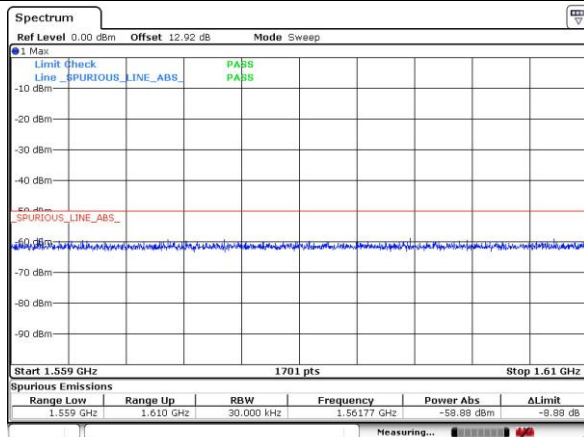
Highest Channel / 1SC11 QPSK



Date: 7.FEB.2025 19:55:02

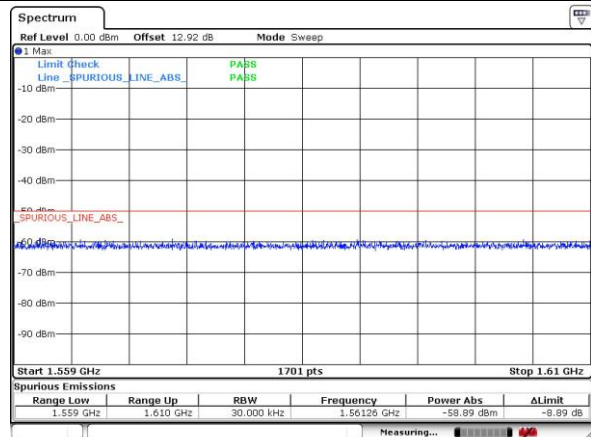


Lowest Channel / 3SC0 QPSK



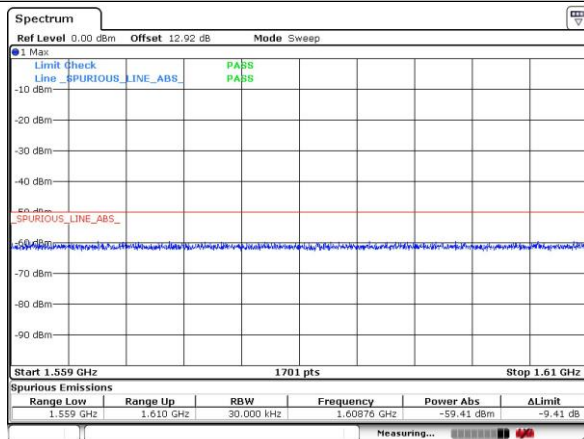
Date: 7.FEB.2025 20:11:18

Lowest Channel / 3SC9 QPSK



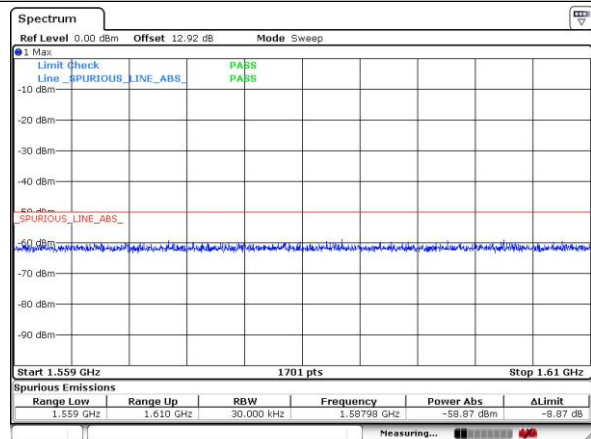
Date: 7.FEB.2025 20:12:20

Middle Channel / 3SC0 QPSK



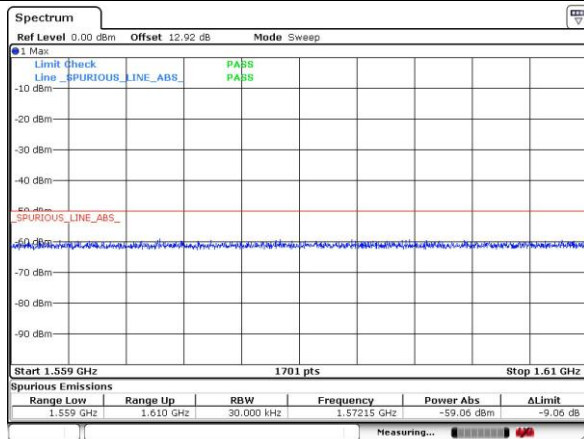
Date: 7.FEB.2025 17:15:20

Middle Channel / 3SC9 QPSK



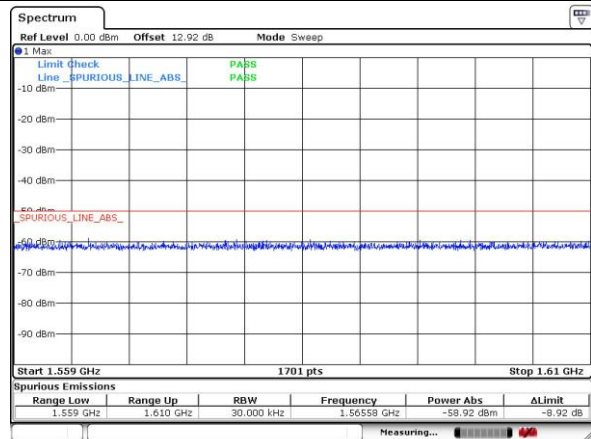
Date: 7.FEB.2025 17:16:44

Highest Channel / 3SC0 QPSK



Date: 7.FEB.2025 19:56:45

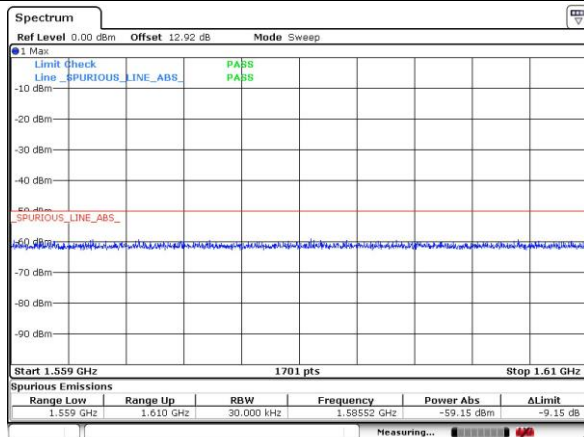
Highest Channel / 3SC9 QPSK



Date: 7.FEB.2025 19:57:39

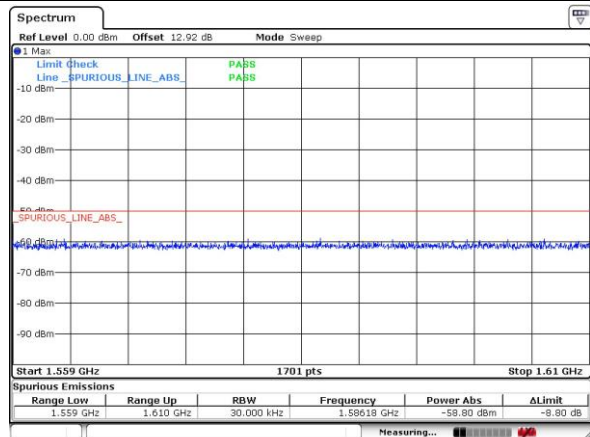


Lowest Channel / 6SC0 QPSK



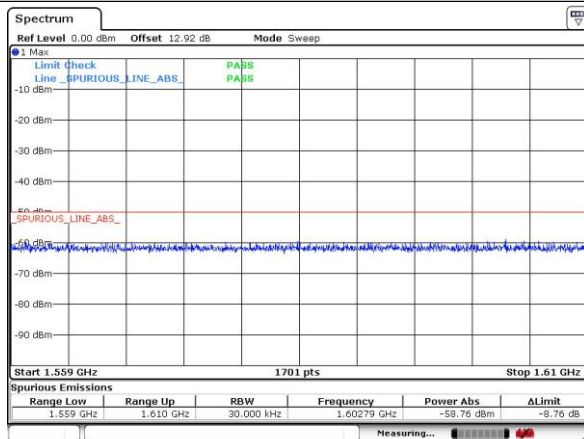
Date: 7.FEB.2025 20:13:22

Lowest Channel / 6SC6 QPSK



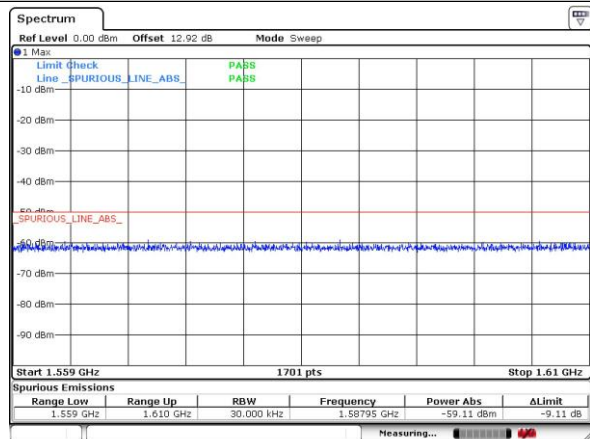
Date: 7.FEB.2025 20:14:25

Middle Channel / 6SC0 QPSK



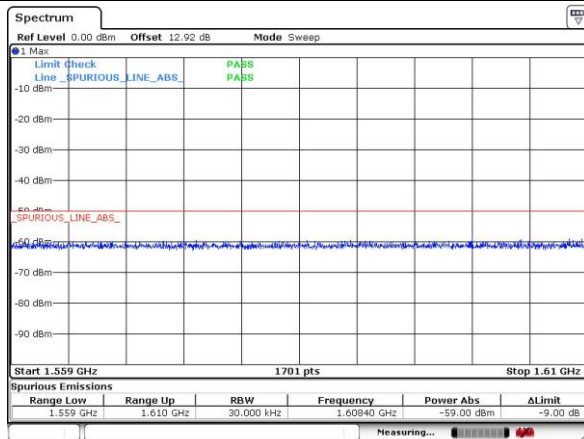
Date: 7.FEB.2025 17:17:41

Middle Channel / 6SC6 QPSK



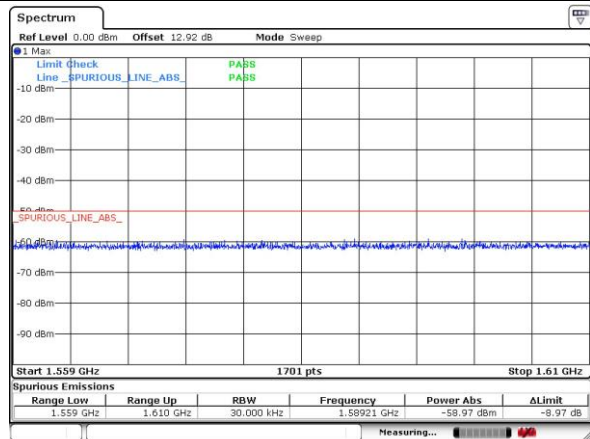
Date: 7.FEB.2025 17:19:29

Highest Channel / 6SC0 QPSK



Date: 7.FEB.2025 19:58:45

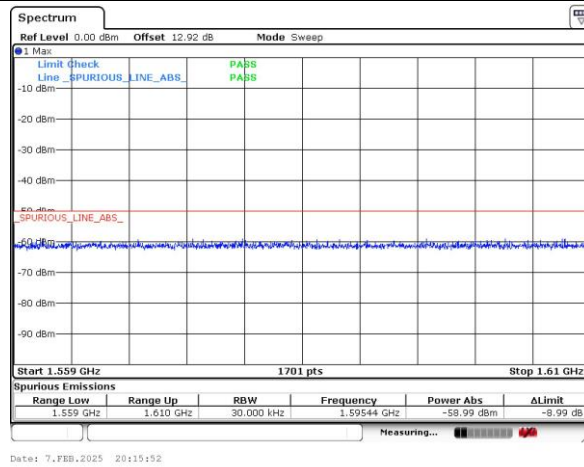
Highest Channel / 6SC6 QPSK



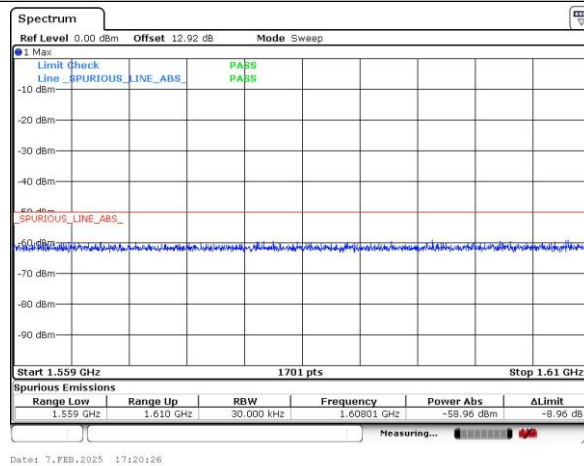
Date: 7.FEB.2025 19:59:39



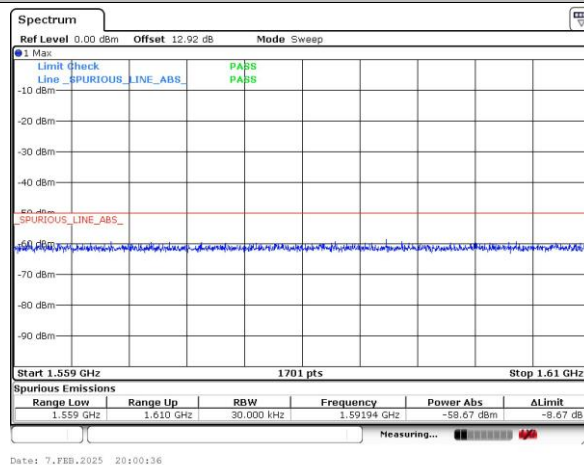
Lowest Channel / 12SC0 QPSK



Middle Channel / 12SC0 QPSK



Highest Channel / 12SC0 QPSK



Frequency Stability

Test Conditions		Band 23(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	SCS 15kHz	10ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0058	PASS
40	Normal Voltage	0.0065	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0055	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0030	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0034	

Note:

1. Normal Voltage =3.9 V. ; Battery End Point (BEP) =3.60 V. ; Maximum Voltage = 4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Band 255

Conducted Output Power (Average power) and EIRP

Band 255 SCS 3.75kHz							Limit
Test Frequency (MHz)	SC Size	Conducted Power (dBm)		Antenna Gain (dBi)	EIRP Power (dBm)		Result
		BPSK	QPSK		BPSK	QPSK	
1626.6	1SC0	22.99	23.05	-2.20	20.79	20.85	PASS
	1SC47	22.99	23.03	-2.20	20.79	20.83	
1643.5	1SC0	23.05	22.87	-2.20	20.85	20.67	
	1SC47	22.88	22.88	-2.20	20.68	20.68	
1660.4	1SC0	23.00	22.88	-2.20	20.80	20.68	
	1SC47	22.89	22.90	-2.20	20.69	20.70	

Band 255 SCS 15kHz							Limit
Test Frequency (MHz)	SC Size	Conducted Power (dBm)		Antenna Gain (dBi)	EIRP Power (dBm)		Result
		BPSK	QPSK		BPSK	QPSK	
1626.6	1SC0	23.09	23.05	-2.20	20.89	20.85	PASS
	1SC11	22.91	23.02	-2.20	20.71	20.82	
	3SC0	-	23.08	-2.20	-	20.88	
	3SC9	-	23.05	-2.20	-	20.85	
	6SC0	-	22.93	-2.20	-	20.73	
	6SC6	-	23.01	-2.20	-	20.81	
	12SC0	-	22.05	-2.20	-	19.85	
1643.5	1SC0	22.87	22.98	-2.20	20.67	20.78	
	1SC11	22.93	23.12	-2.20	20.73	20.92	
	3SC0	-	23.12	-2.20	-	20.92	
	3SC9	-	22.85	-2.20	-	20.65	
	6SC0	-	22.96	-2.20	-	20.76	
	6SC6	-	22.89	-2.20	-	20.69	
	12SC0	-	22.03	-2.20	-	19.83	
1660.4	1SC0	23.04	22.98	-2.20	20.84	20.78	
	1SC11	22.92	22.92	-2.20	20.72	20.72	
	3SC0	-	22.90	-2.20	-	20.70	
	3SC9	-	22.98	-2.20	-	20.78	
	6SC0	-	22.85	-2.20	-	20.65	
	6SC6	-	22.98	-2.20	-	20.78	
	12SC0	-	22.15	-2.20	-	19.95	



Occupied Bandwidth

Mode	Band 255 : 99%OBW(kHz)
SCS	15kHz
Mod.	QPSK
SC Size	12SC0
Lowest CH	183.42
Middle CH	183.42
Highest CH	184.02



Band 255 SCS 15kHz

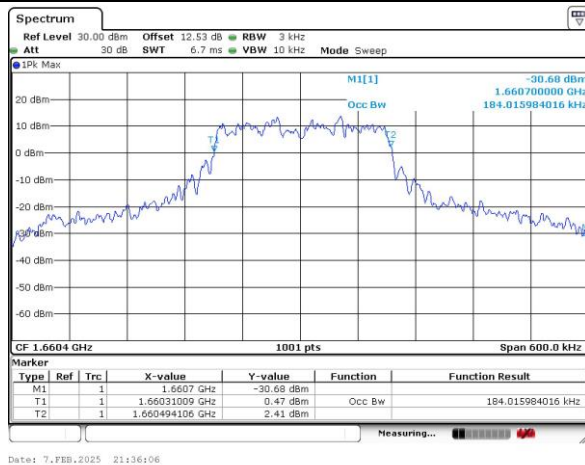
Lowest Channel / 12SC0 / QPSK



Middle Channel / 12SC0 / QPSK



Highest Channel / 12SC0 / QPSK



Conducted Emissions Mask

B255 L CH 1626.6 MHz								
SCS (kHz)	Modulation	SC config	Measured Value (dBm / 3 kHz)	Measured Value (dBm / 4 kHz)	Verified Value (dBm / 4 kHz)	Limit (dBm / 4 kHz)	Δlimit (dB)	Result
3.75	BPSK	1SC0	-11.46	-10.21	-	-1.58	-8.63	Pass
3.75	BPSK	1SC47	-8.94	-7.69	-	-1.90	-5.79	Pass
3.75	QPSK	1SC0	-11.18	-9.93	-	-2.02	-7.91	Pass
3.75	QPSK	1SC47	-8.96	-7.71	-	-1.80	-5.91	Pass
15	BPSK	1SC0	-4.64	-3.39	-	-1.59	-1.80	Pass
15	BPSK	1SC11	-4.00	-2.75	-	-1.74	-1.01	Pass
15	QPSK	1SC0	-5.06	-3.81	-	-1.65	-2.16	Pass
15	QPSK	1SC11	-3.82	-2.57	-	-1.68	-0.89	Pass
15	QPSK	3SC0	-9.04	-7.79	-	-1.49	-6.30	Pass
15	QPSK	3SC9	-6.78	-5.53	-	-1.40	-4.13	Pass
15	QPSK	6SC0	-11.40	-10.15	-	-1.89	-8.26	Pass
15	QPSK	6SC6	-11.32	-10.07	-	-1.93	-8.14	Pass
15	QPSK	12SC0	-14.91	-13.66	-	-2.63	-11.03	Pass

B255 M CH 1643.5 MHz								
SCS (kHz)	Modulation	SC config	Measured Value (dBm / 3 kHz)	Measured Value (dBm / 4 kHz)	Verified Value (dBm / 4 kHz)	Limit (dBm / 4 kHz)	Δlimit (dB)	Result
3.75	BPSK	1SC0	-11.79	-10.54	-	-1.77	-8.77	Pass
3.75	BPSK	1SC47	-9.13	-7.88	-	-2.11	-5.77	Pass
3.75	QPSK	1SC0	-11.55	-10.30	-	-1.76	-8.54	Pass
3.75	QPSK	1SC47	-8.80	-7.55	-	-2.05	-5.50	Pass
15	BPSK	1SC0	-4.93	-3.68	-	-1.73	-1.95	Pass
15	BPSK	1SC11	-4.30	-3.05	-	-1.79	-1.26	Pass
15	QPSK	1SC0	-4.73	-3.48	-	-1.82	-1.66	Pass
15	QPSK	1SC11	-4.41	-3.16	-	-1.95	-1.21	Pass
15	QPSK	3SC0	-7.94	-6.69	-	-1.46	-5.23	Pass
15	QPSK	3SC9	-7.24	-5.99	-	-1.52	-4.47	Pass
15	QPSK	6SC0	-11.36	-10.11	-	-1.96	-8.15	Pass
15	QPSK	6SC6	-11.28	-10.03	-	-2.01	-8.02	Pass
15	QPSK	12SC0	-14.58	-13.33	-	-2.84	-10.49	Pass

B255 H CH 1660.4 MHz								
SCS (kHz)	Modulation	SC config	Measured Value (dBm / 3 kHz)	Measured Value (dBm / 4 kHz)	Verified Value (dBm / 4 kHz)	Limit (dBm / 4 kHz)	Δlimit (dB)	Result
3.75	BPSK	1SC0	-11.23	-9.98	-	-1.82	-8.16	Pass
3.75	BPSK	1SC47	-8.99	-7.74	-	-1.87	-5.87	Pass
3.75	QPSK	1SC0	-11.61	-10.36	-	-1.90	-8.46	Pass
3.75	QPSK	1SC47	-8.94	-7.69	-	-2.03	-5.66	Pass
15	BPSK	1SC0	-4.85	-3.60	-	-1.80	-1.80	Pass
15	BPSK	1SC11	-4.61	-3.36	-	-1.96	-1.40	Pass
15	QPSK	1SC0	-5.12	-3.87	-	-1.81	-2.06	Pass
15	QPSK	1SC11	-4.65	-3.40	-	-1.96	-1.44	Pass
15	QPSK	3SC0	-9.58	-8.33	-	-1.56	-6.77	Pass
15	QPSK	3SC9	-7.74	-6.49	-	-1.55	-4.94	Pass
15	QPSK	6SC0	-11.44	-10.19	-	-2.01	-8.18	Pass
15	QPSK	6SC6	-10.26	-9.01	-	-1.95	-7.06	Pass
15	QPSK	12SC0	-13.38	-12.13	-	-2.79	-9.34	Pass

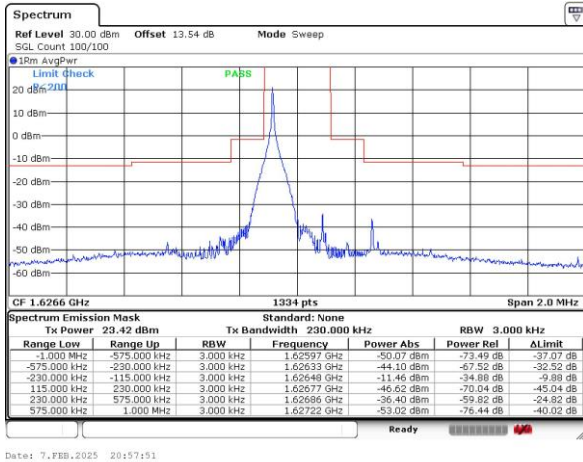
Remark: The above results of RBW 3kHz should be added a factor of $10\log(4\text{kHz}/3\text{kHz}) = 1.25\text{dB}$.

If the result of the Mask method with factor fails, then the Channel Power method will be used.



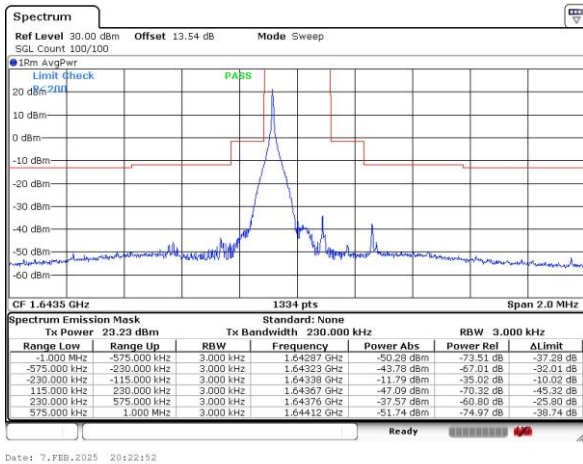
Band 255 SCS 3.75kHz

Lowest Channel / 1SC0 / BPSK



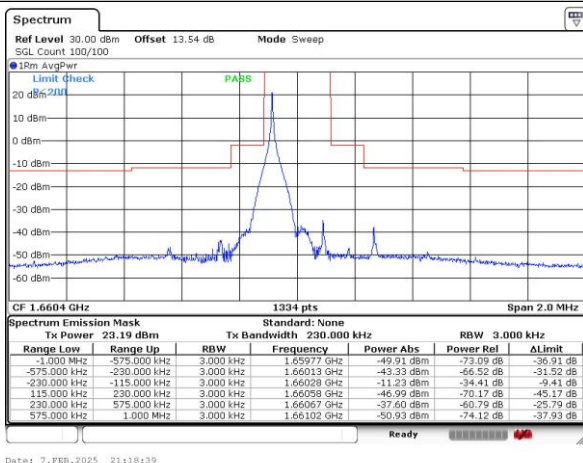
N/A

Middle Channel / 1SC0 / BPSK



N/A

Highest Channel / 1SC0 / BPSK

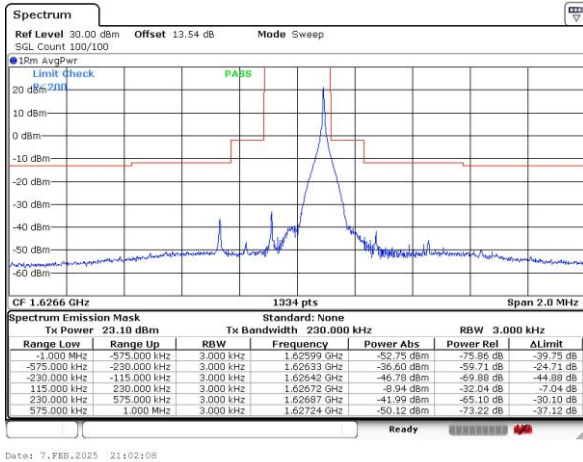


N/A



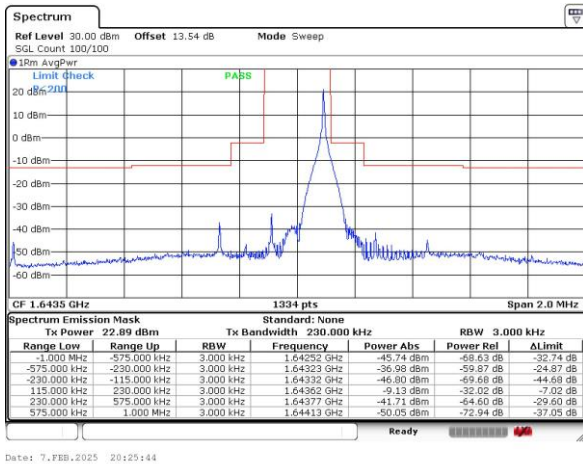
Band 255 SCS 3.75kHz

Lowest Channel / 1SC47 / BPSK



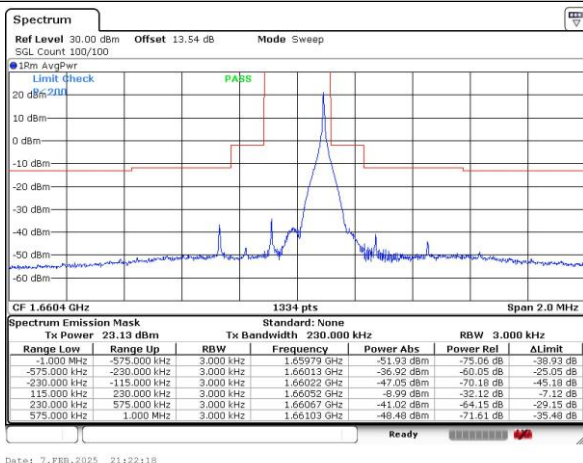
N/A

Middle Channel / 1SC47 / BPSK



N/A

Highest Channel / 1SC47 / BPSK

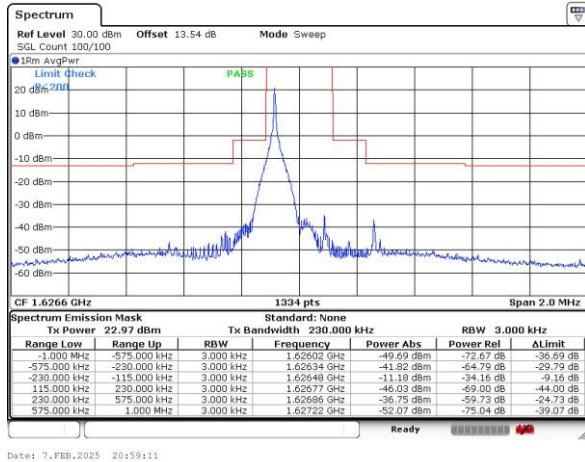


N/A



Band 255 SCS 3.75kHz

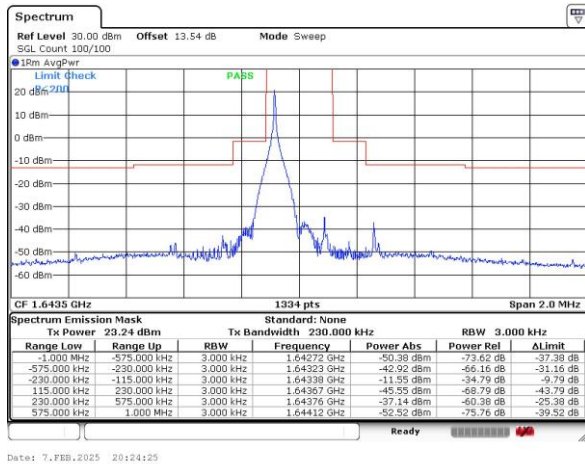
Lowest Channel / 1SC0 / QPSK



N/A

Lowest Channel / 1SC0 / QPSK - CP

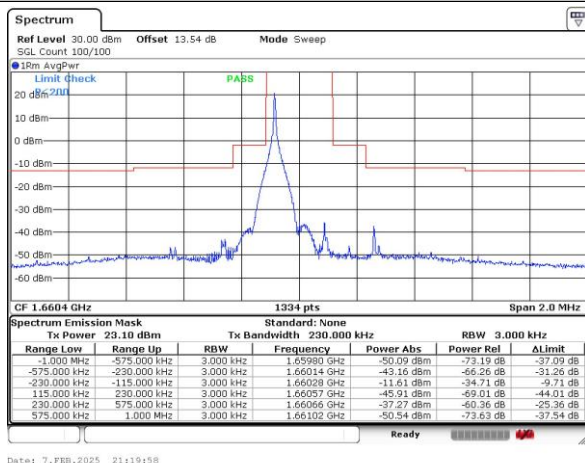
Middle Channel / 1SC0 / QPSK



N/A

Middle Channel / 1SC0 / QPSK - CP

Highest Channel / 1SC0 / QPSK



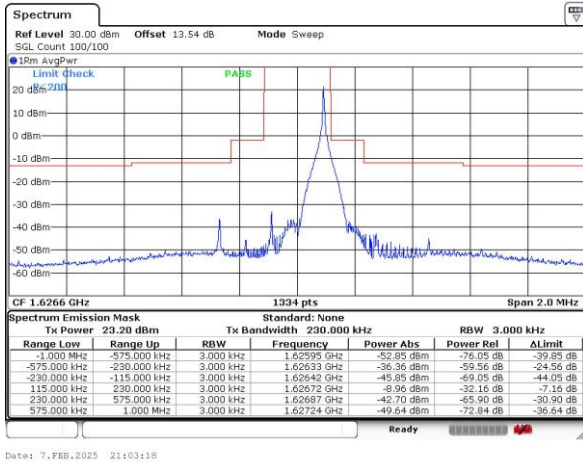
N/A

Highest Channel / 1SC0 / QPSK - CP



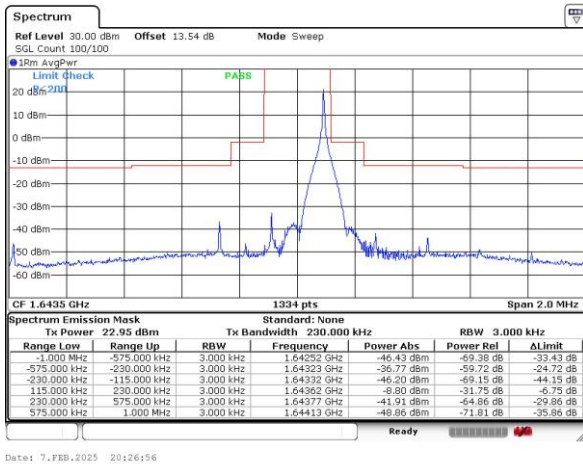
Band 255 SCS 3.75kHz

Lowest Channel / 1SC47 / QPSK



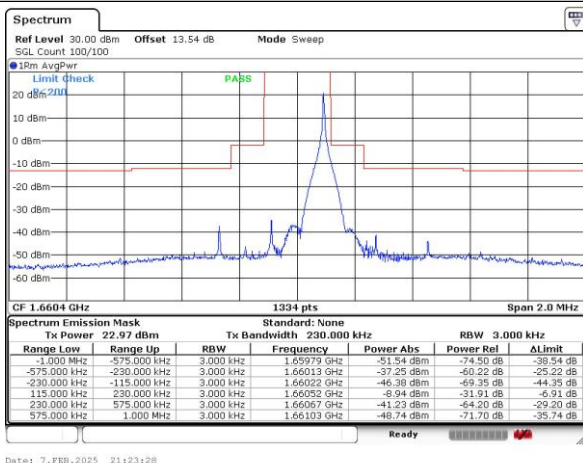
N/A

Middle Channel / 1SC47 / QPSK



N/A

Highest Channel / 1SC47 / QPSK

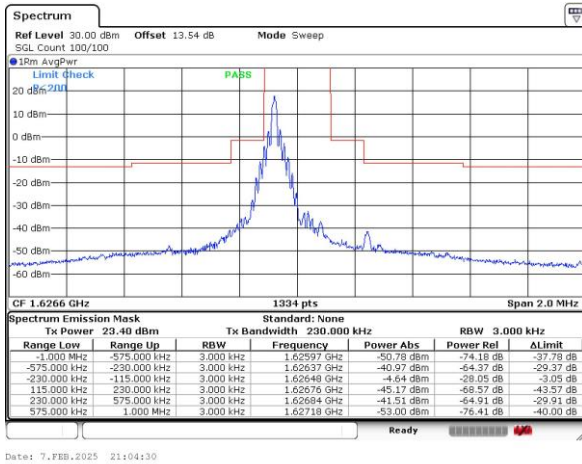


N/A



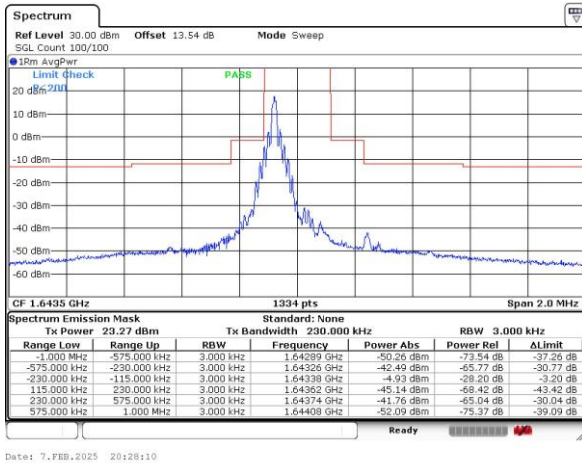
Band 255 SCS 15kHz

Lowest Channel / 1SC0 / BPSK



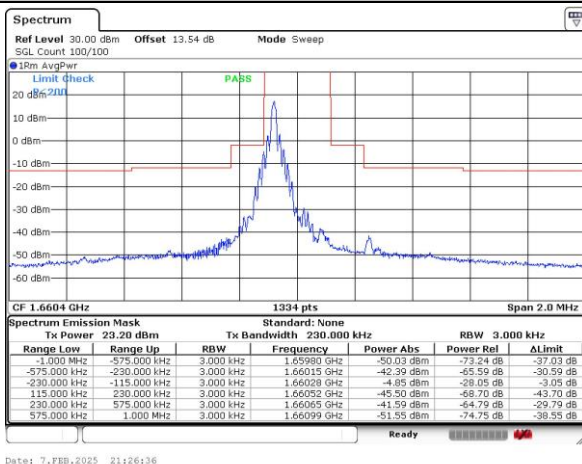
N/A

Middle Channel / 1SC0 / BPSK



N/A

Highest Channel / 1SC0 / BPSK

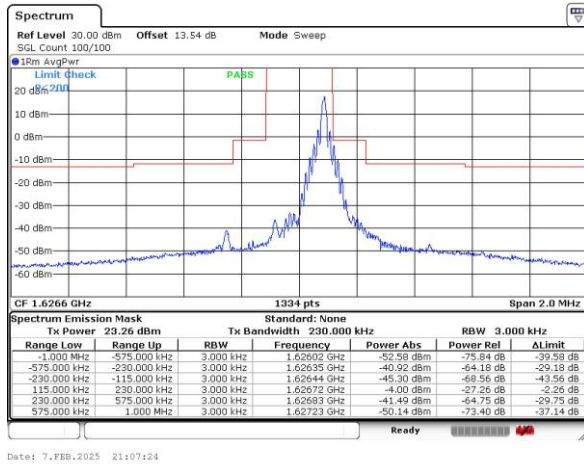


N/A



Band 255 SCS 15kHz

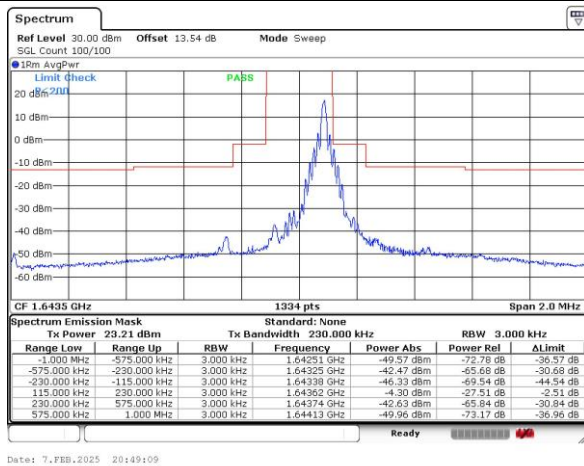
Lowest Channel / 1SC11 / BPSK



Lowest Channel / 1SC11 / BPSK-CP

N/A

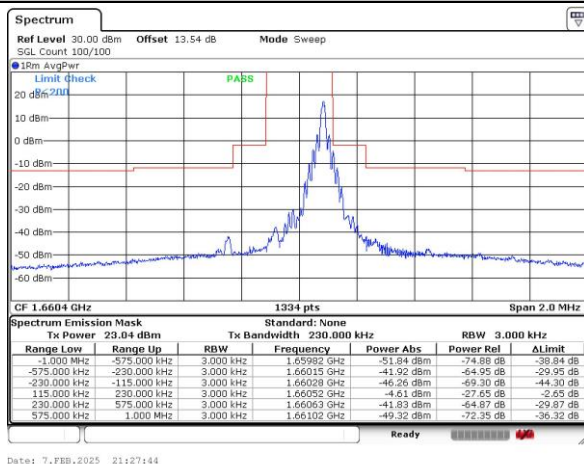
Middle Channel / 1SC11 / BPSK



Middle Channel / 1SC11 / BPSK – CP

N/A

Highest Channel / 1SC11 / BPSK



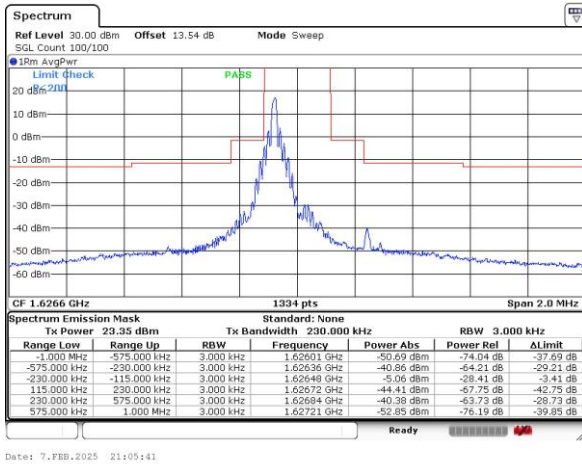
Highest Channel / 1SC11 / BPSK-CP

N/A



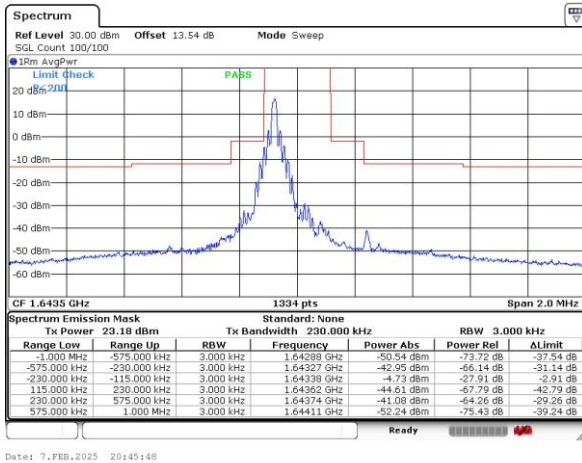
Band 255 SCS 15kHz

Lowest Channel / 1SC0 / QPSK



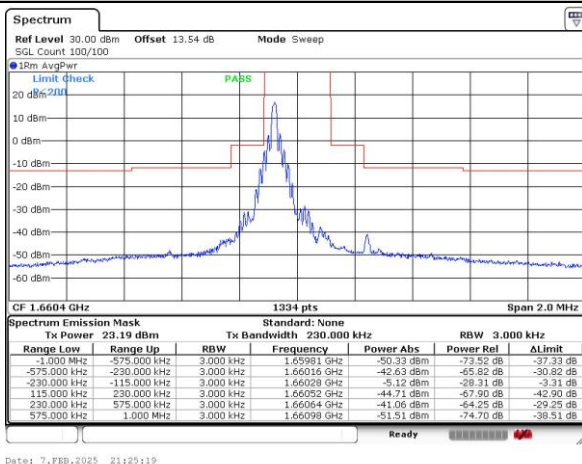
N/A

Middle Channel / 1SC0 / QPSK



N/A

Highest Channel / 1SC0 / QPSK

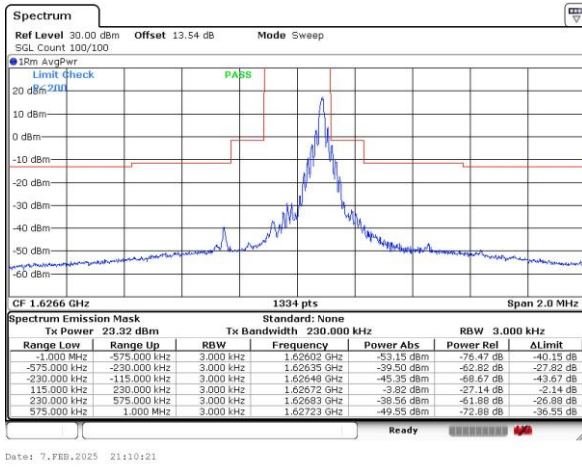


N/A



Band 255 SCS 15kHz

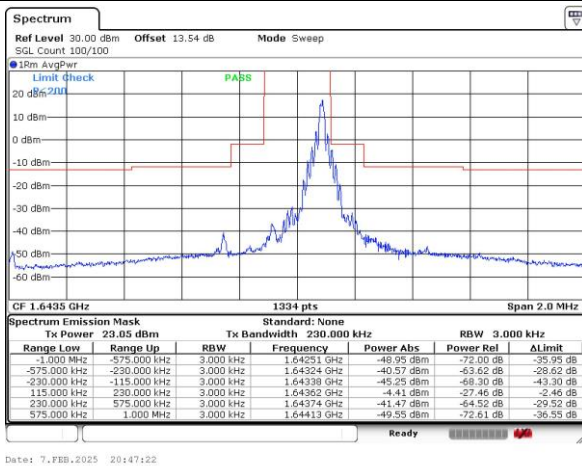
Lowest Channel / 1SC11 / QPSK



Lowest Channel / 1SC11 / QPSK - CP

N/A

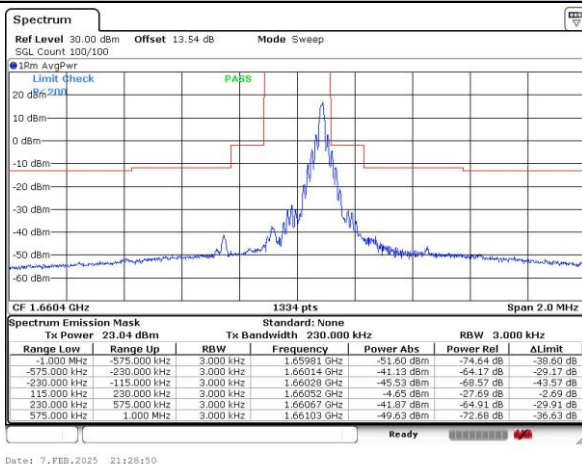
Middle Channel / 1SC11 / QPSK



Middle Channel / 1SC11 / QPSK - CP

N/A

Highest Channel / 1SC11 / QPSK



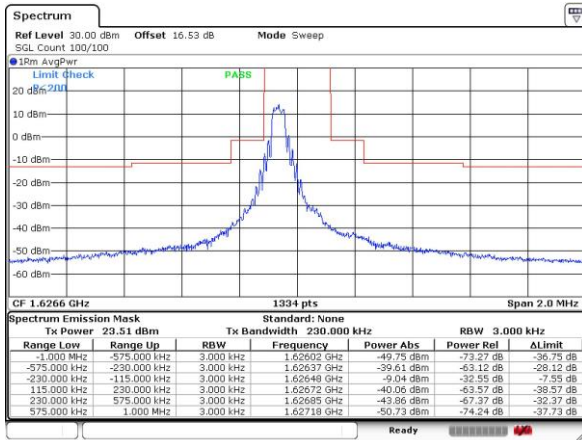
Highest Channel / 1SC11 / QPSK - CP

N/A



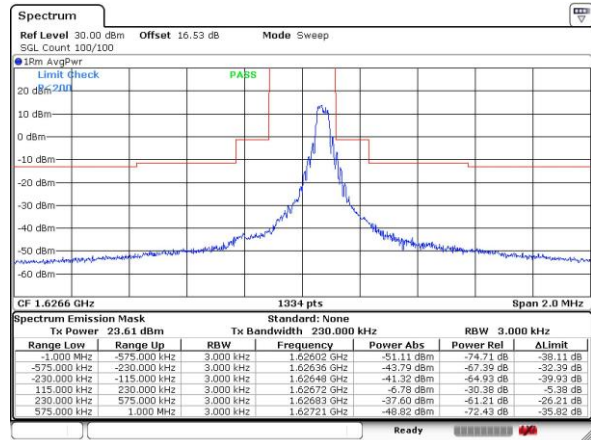
Band 255 SCS 15kHz

Lowest Channel / 3SC0 / QPSK



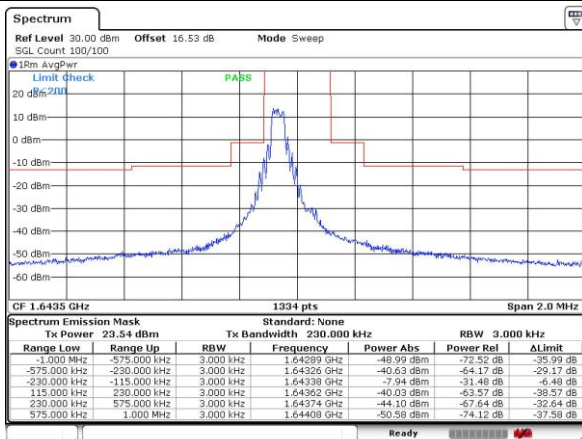
Date: 7.FEB.2025 21:11:47

Lowest Channel / 3SC9 / QPSK



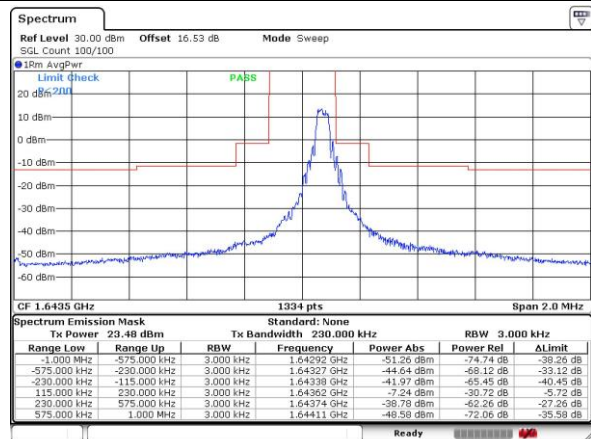
Date: 7.FEB.2025 21:12:53

Middle Channel / 3SC0 / QPSK



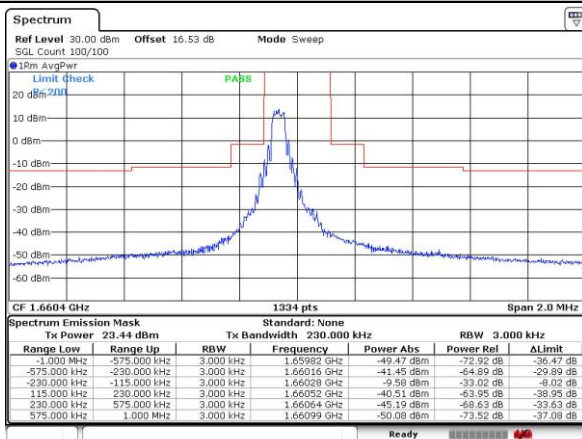
Date: 7.FEB.2025 20:51:01

Middle Channel / 3SC9 / QPSK



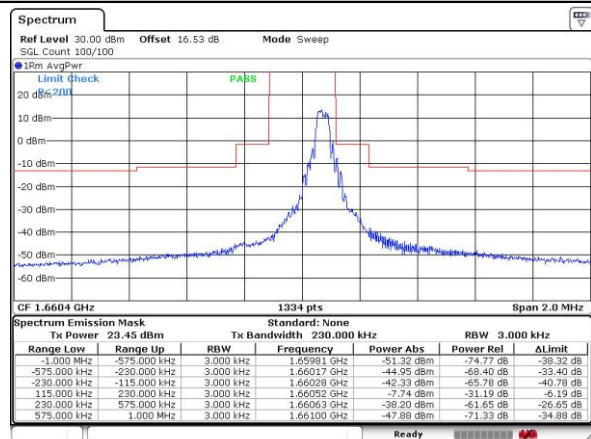
Date: 7.FEB.2025 20:52:12

Highest Channel / 3SC0 / QPSK



Date: 7.FEB.2025 21:13:07

Highest Channel / 3SC9 / QPSK

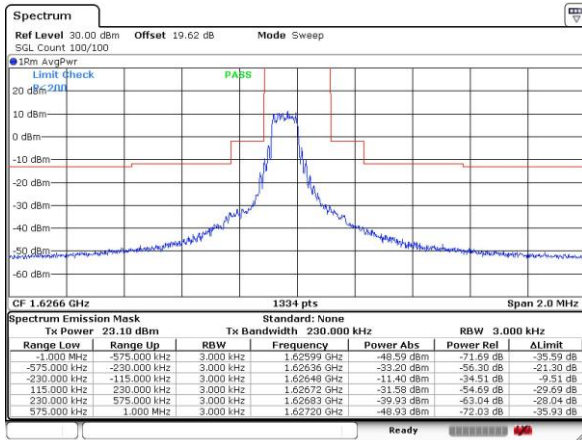


Date: 7.FEB.2025 21:13:17



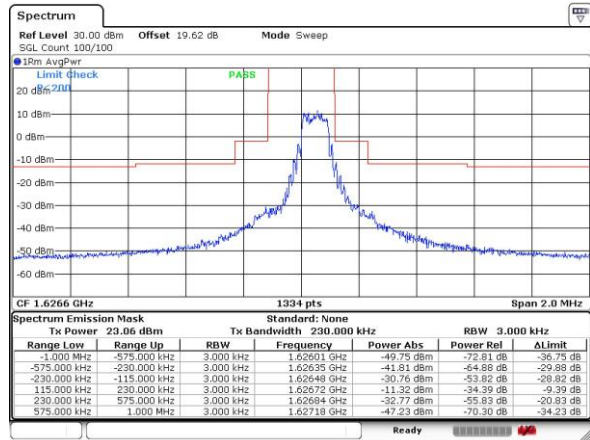
Band 255 SCS 15kHz

Lowest Channel / 6SC0 / QPSK



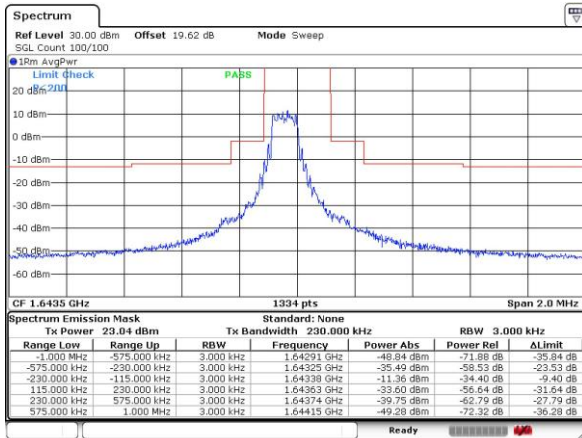
Date: 7.FEB.2025 21:14:22

Lowest Channel / 6SC6 / QPSK



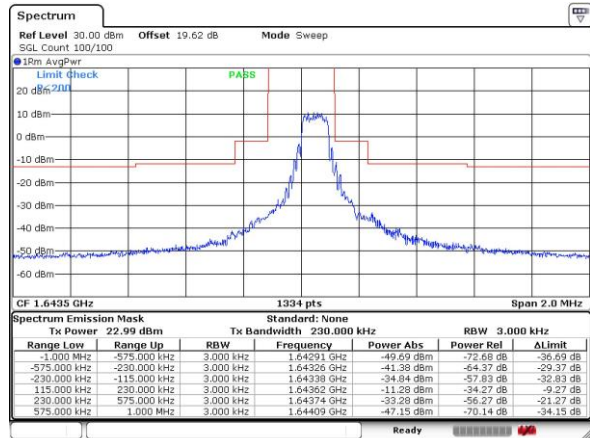
Date: 7.FEB.2025 21:15:31

Middle Channel / 6SC0 / QPSK



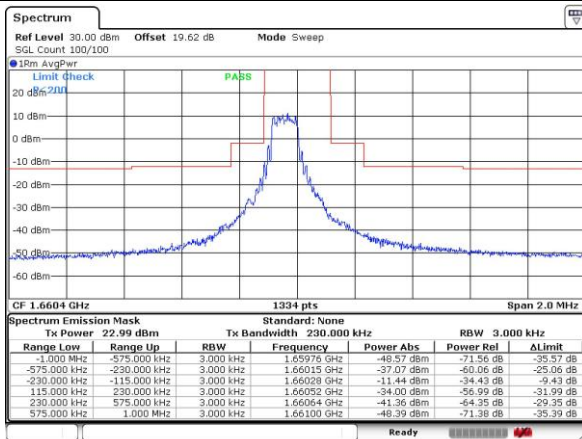
Date: 7.FEB.2025 20:53:36

Middle Channel / 6SC6 / QPSK



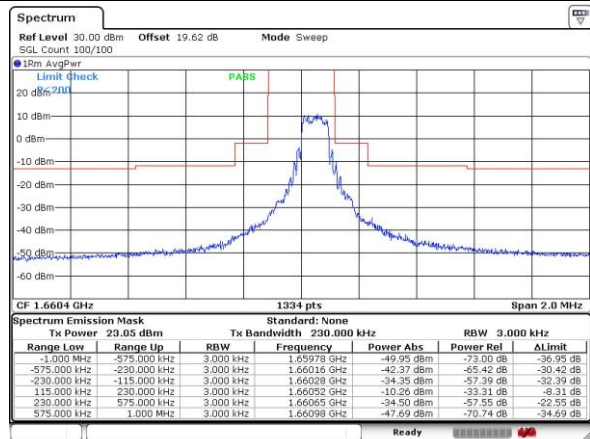
Date: 7.FEB.2025 20:54:46

Highest Channel / 6SC0 / QPSK



Date: 7.FEB.2025 21:32:39

Highest Channel / 6SC6 / QPSK



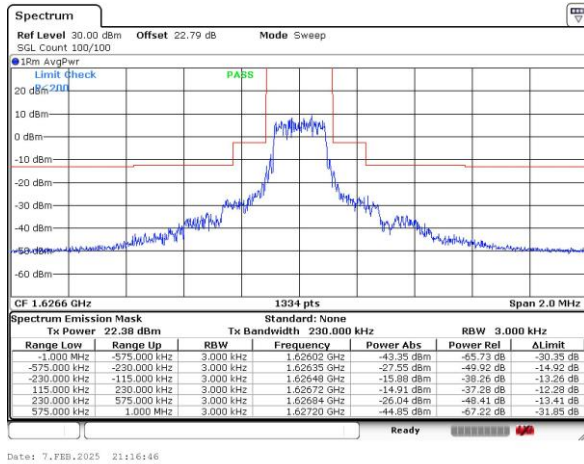
Date: 7.FEB.2025 21:33:50



Band 255 SCS 15kHz

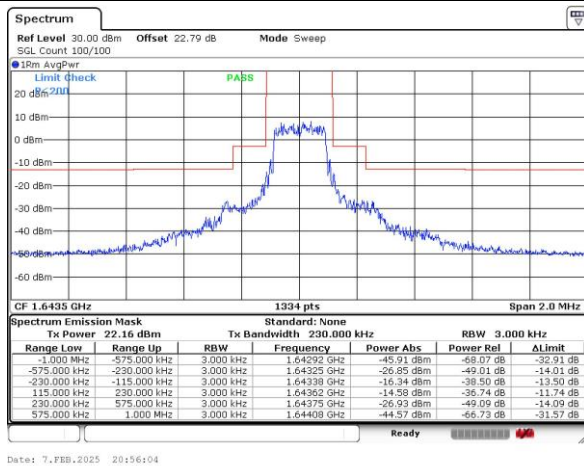
Lowest Channel / 12SC0 / QPSK

N/A



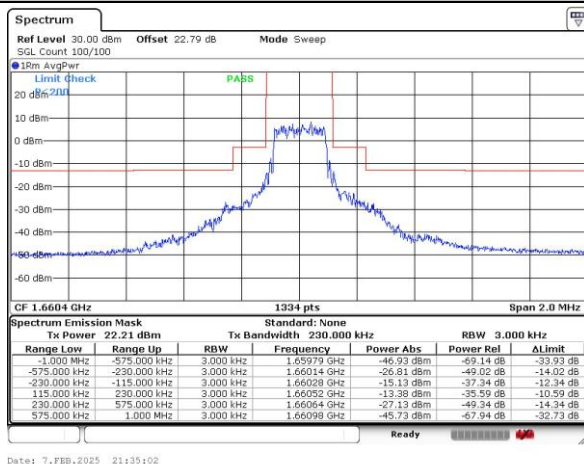
Middle Channel / 12SC0 / QPSK

N/A



Highest Channel / 12SC0 / QPSK

N/A

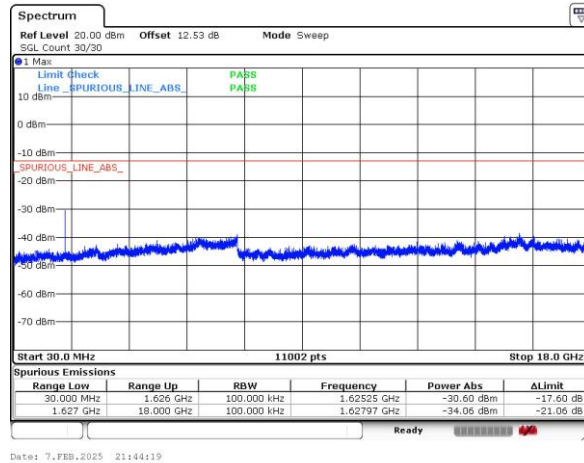




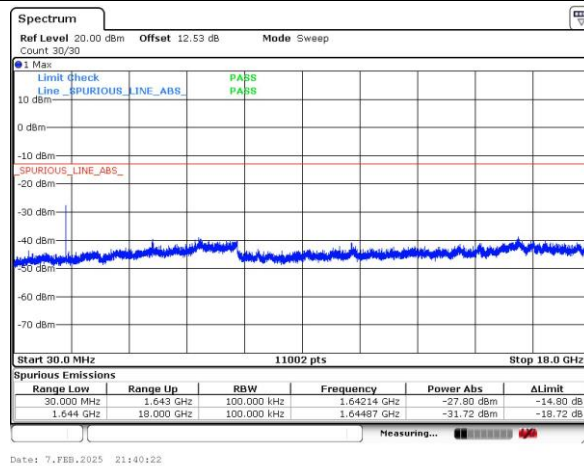
Conducted Spurious Emission

Band 255 SCS 3.75kHz

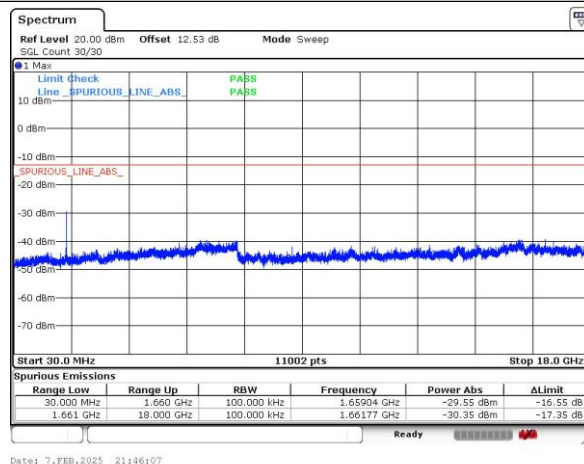
Lowest Channel / 1SC0 / QPSK



Middle Channel / 1SC0 / BPSK



Highest Channel / 1SC0 / BPSK

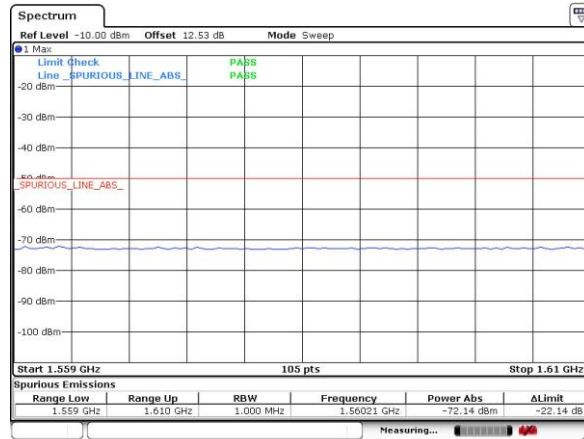




Emission limits for protection of aeronautical service

Band 255

Carrier off



Date: 10.FEB.2025 21:51:51

B255 L CH 1626.6MHz Broadband								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	Δ Limit (dB)	Test Result
3.75	BPSK	1SC0	-53.12	-2.20	-55.32	-40.00	-15.32	Pass
3.75	BPSK	1SC47	-53.17	-2.20	-55.37	-40.00	-15.37	Pass
3.75	QPSK	1SC0	-52.86	-2.20	-55.06	-40.00	-15.06	Pass
3.75	QPSK	1SC47	-53.10	-2.20	-55.30	-40.00	-15.30	Pass
15	BPSK	1SC0	-53.03	-2.20	-55.23	-40.00	-15.23	Pass
15	BPSK	1SC11	-52.83	-2.20	-55.03	-40.00	-15.03	Pass
15	QPSK	1SC0	-53.06	-2.20	-55.26	-40.00	-15.26	Pass
15	QPSK	1SC11	-53.07	-2.20	-55.27	-40.00	-15.27	Pass
15	QPSK	3SC0	-53.02	-2.20	-55.22	-40.00	-15.22	Pass
15	QPSK	3SC9	-52.47	-2.20	-54.67	-40.00	-14.67	Pass
15	QPSK	6SC0	-53.12	-2.20	-55.32	-40.00	-15.32	Pass
15	QPSK	6SC6	-52.95	-2.20	-55.15	-40.00	-15.15	Pass
15	QPSK	12SC0	-53.15	-2.20	-55.35	-40.00	-15.35	Pass

B255 M CH 1643.5MHz Broadband								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	Δ Limit (dB)	Test Result
3.75	BPSK	1SC0	-53.18	-2.20	-55.38	-40.00	-15.38	Pass
3.75	BPSK	1SC47	-52.70	-2.20	-54.90	-40.00	-14.90	Pass
3.75	QPSK	1SC0	-53.14	-2.20	-55.34	-40.00	-15.34	Pass
3.75	QPSK	1SC47	-53.08	-2.20	-55.28	-40.00	-15.28	Pass
15	BPSK	1SC0	-52.97	-2.20	-55.17	-40.00	-15.17	Pass
15	BPSK	1SC11	-53.14	-2.20	-55.34	-40.00	-15.34	Pass
15	QPSK	1SC0	-53.16	-2.20	-55.36	-40.00	-15.36	Pass
15	QPSK	1SC11	-53.04	-2.20	-55.24	-40.00	-15.24	Pass
15	QPSK	3SC0	-53.12	-2.20	-55.32	-40.00	-15.32	Pass
15	QPSK	3SC9	-53.35	-2.20	-55.55	-40.00	-15.55	Pass
15	QPSK	6SC0	-53.07	-2.20	-55.27	-40.00	-15.27	Pass
15	QPSK	6SC6	-52.91	-2.20	-55.11	-40.00	-15.11	Pass
15	QPSK	12SC0	-52.23	-2.20	-54.43	-39.00	-15.43	Pass



B255 H CH 1660.4MHz Broadband								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	Δ Limit (dB)	Test Result
3.75	BPSK	1SC0	-52.65	-2.20	-54.85	-40.00	-14.85	Pass
3.75	BPSK	1SC47	-52.59	-2.20	-54.79	-40.00	-14.79	Pass
3.75	QPSK	1SC0	-52.55	-2.20	-54.75	-40.00	-14.75	Pass
3.75	QPSK	1SC47	-51.98	-2.20	-54.18	-40.00	-14.18	Pass
15	BPSK	1SC0	-52.56	-2.20	-54.76	-40.00	-14.76	Pass
15	BPSK	1SC11	-52.59	-2.20	-54.79	-40.00	-14.79	Pass
15	QPSK	1SC0	-52.51	-2.20	-54.71	-40.00	-14.71	Pass
15	QPSK	1SC11	-52.36	-2.20	-54.56	-40.00	-14.56	Pass
15	QPSK	3SC0	-52.77	-2.20	-54.97	-40.00	-14.97	Pass
15	QPSK	3SC9	-52.44	-2.20	-54.64	-40.00	-14.64	Pass
15	QPSK	6SC0	-52.65	-2.20	-54.85	-40.00	-14.85	Pass
15	QPSK	6SC6	-52.41	-2.20	-54.61	-40.00	-14.61	Pass
15	QPSK	12SC0	-52.46	-2.20	-54.66	-40.00	-14.66	Pass

Remark: The max hold trace is used initially. If the result of the max hold trace fails, then the plot will be zoomed in on the frequency with the worst signal, and the average trace will be used.



B255 L CH 1626.6MHz Discrete								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/30kHz)	Gain (dBi)	Measured EIRP Value (dBm/30kHz)	Limit (dBm/kHz)	Δ Limit (dB)	Test Result
3.75	BPSK	1SC0	-59.36	-2.20	-61.56	-50.00	-11.56	Pass
3.75	BPSK	1SC47	-59.21	-2.20	-61.41	-50.00	-11.41	Pass
3.75	QPSK	1SC0	-58.76	-2.20	-60.96	-50.00	-10.96	Pass
3.75	QPSK	1SC47	-58.86	-2.20	-61.06	-50.00	-11.06	Pass
15	BPSK	1SC0	-59.39	-2.20	-61.59	-50.00	-11.59	Pass
15	BPSK	1SC11	-59.11	-2.20	-61.31	-50.00	-11.31	Pass
15	QPSK	1SC0	-58.77	-2.20	-60.97	-50.00	-10.97	Pass
15	QPSK	1SC11	-59.12	-2.20	-61.32	-50.00	-11.32	Pass
15	QPSK	3SC0	-59.02	-2.20	-61.22	-50.00	-11.22	Pass
15	QPSK	3SC9	-59.39	-2.20	-61.59	-50.00	-11.59	Pass
15	QPSK	6SC0	-59.13	-2.20	-61.33	-50.00	-11.33	Pass
15	QPSK	6SC6	-59.04	-2.20	-61.24	-50.00	-11.24	Pass
15	QPSK	12SC0	-59.48	-2.20	-61.68	-50.00	-11.68	Pass

B255 M CH 1643.5MHz Discrete								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/30kHz)	Gain (dBi)	Measured EIRP Value (dBm/30kHz)	Limit (dBm/kHz)	Δ Limit (dB)	Test Result
3.75	BPSK	1SC0	-59.27	-2.20	-61.47	-50.00	-11.47	Pass
3.75	BPSK	1SC47	-58.38	-2.20	-60.58	-50.00	-10.58	Pass
3.75	QPSK	1SC0	-59.33	-2.20	-61.53	-50.00	-11.53	Pass
3.75	QPSK	1SC47	-58.87	-2.20	-61.07	-50.00	-11.07	Pass
15	BPSK	1SC0	-59.77	-2.20	-61.97	-50.00	-11.97	Pass
15	BPSK	1SC11	-59.24	-2.20	-61.44	-50.00	-11.44	Pass
15	QPSK	1SC0	-59.37	-2.20	-61.57	-50.00	-11.57	Pass
15	QPSK	1SC11	-59.40	-2.20	-61.60	-50.00	-11.60	Pass
15	QPSK	3SC0	-59.34	-2.20	-61.54	-50.00	-11.54	Pass
15	QPSK	3SC9	-59.32	-2.20	-61.52	-50.00	-11.52	Pass
15	QPSK	6SC0	-58.25	-2.20	-60.45	-50.00	-10.45	Pass
15	QPSK	6SC6	-59.34	-2.20	-61.54	-50.00	-11.54	Pass
15	QPSK	12SC0	-58.95	-2.20	-61.15	-50.00	-11.15	Pass

B255 H CH 1660.4MHz Discrete								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/30kHz)	Gain (dBi)	Measured EIRP Value (dBm/30kHz)	Limit (dBm/kHz)	Δ Limit (dB)	Test Result
3.75	BPSK	1SC0	-59.59	-2.20	-61.79	-50.00	-11.79	Pass
3.75	BPSK	1SC47	-58.82	-2.20	-61.02	-50.00	-11.02	Pass
3.75	QPSK	1SC0	-59.26	-2.20	-61.46	-50.00	-11.46	Pass
3.75	QPSK	1SC47	-59.33	-2.20	-61.53	-50.00	-11.53	Pass
15	BPSK	1SC0	-59.75	-2.20	-61.95	-50.00	-11.95	Pass
15	BPSK	1SC11	-58.72	-2.20	-60.92	-50.00	-10.92	Pass
15	QPSK	1SC0	-58.66	-2.20	-60.86	-50.00	-10.86	Pass
15	QPSK	1SC11	-58.81	-2.20	-61.01	-50.00	-11.01	Pass
15	QPSK	3SC0	-59.04	-2.20	-61.24	-50.00	-11.24	Pass
15	QPSK	3SC9	-59.53	-2.20	-61.73	-50.00	-11.73	Pass
15	QPSK	6SC0	-58.97	-2.20	-61.17	-50.00	-11.17	Pass
15	QPSK	6SC6	-59.43	-2.20	-61.63	-50.00	-11.63	Pass
15	QPSK	12SC0	-59.18	-2.20	-61.38	-50.00	-11.38	Pass

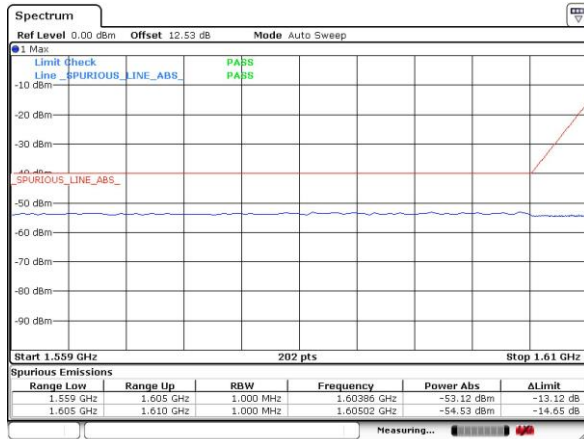
Remark: The RBW is set to 30 kHz initially. If the result of the RBW 30 kHz fails, then the plot will be zoomed in on the frequency with the worst signal, and the RBW will be set to 1 kHz.



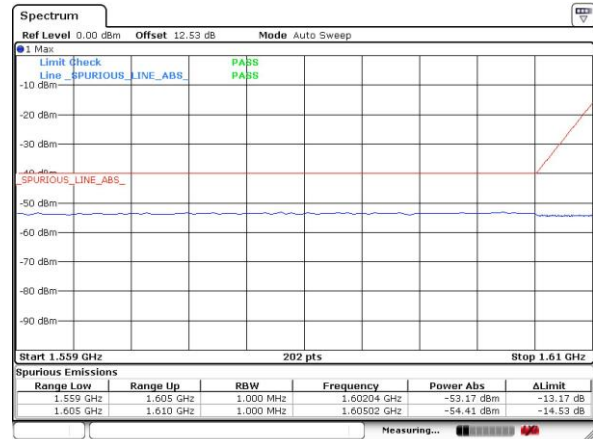
Band 255 SCS 3.75kHz

Broadband

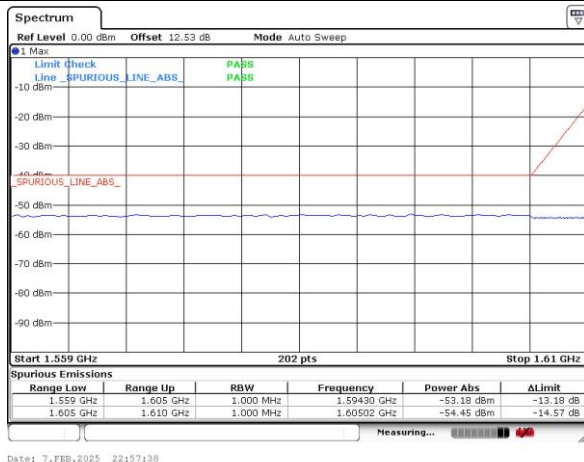
Lowest Channel / 1SC0 BPSK



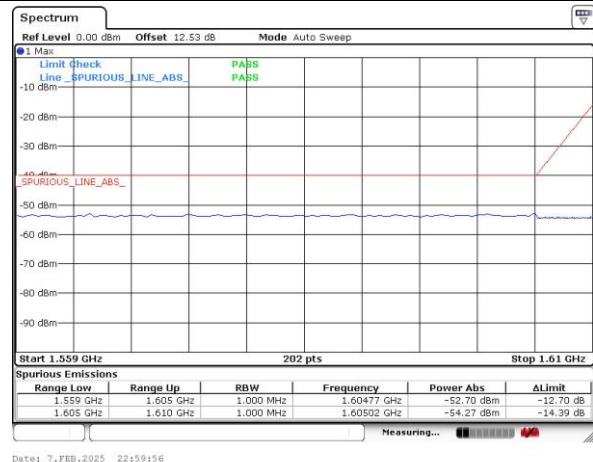
Lowest Channel / 1SC47 BPSK



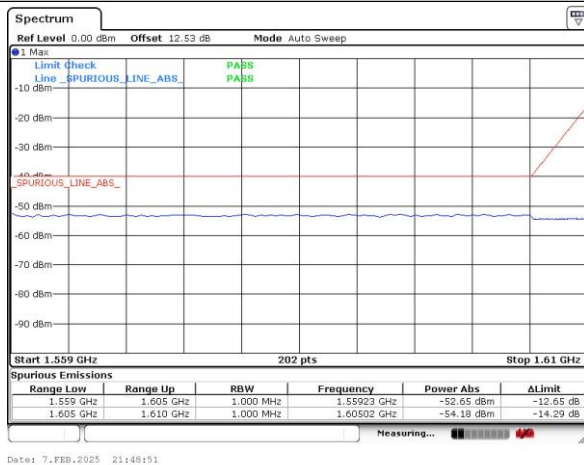
Middle Channel / 1SC0 BPSK



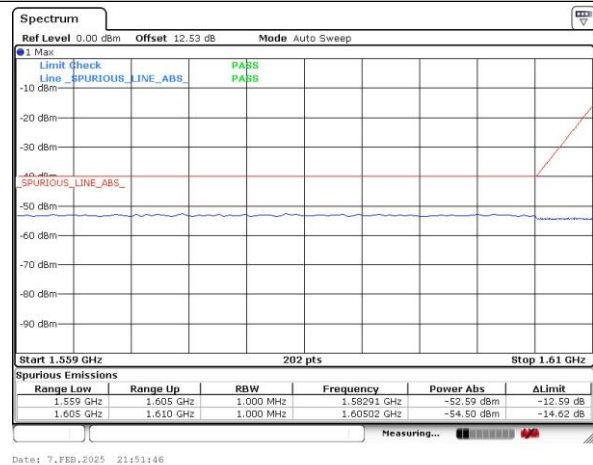
Middle Channel / 1SC47 BPSK



Highest Channel / 1SC0 BPSK

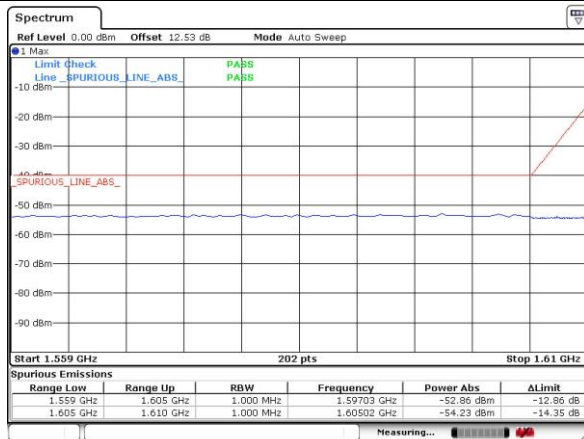


Highest Channel / 1SC47 BPSK



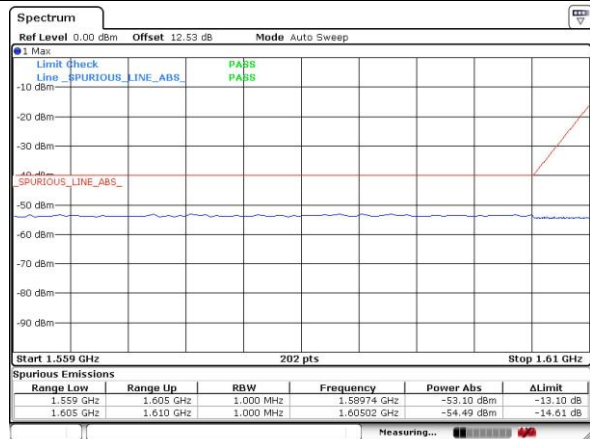


Lowest Channel / 1SC0 QPSK



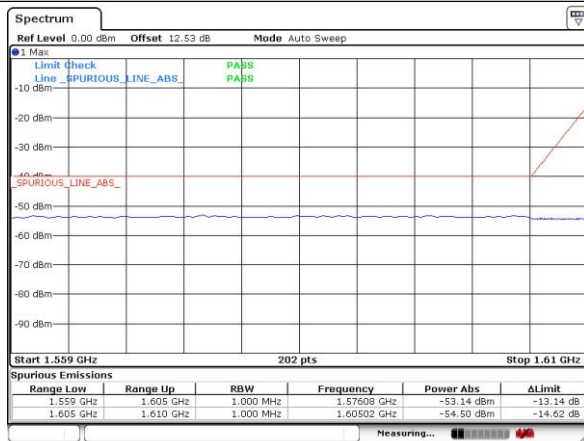
Date: 7.FEB.2025 23:11:03

Lowest Channel / 1SC47 QPSK



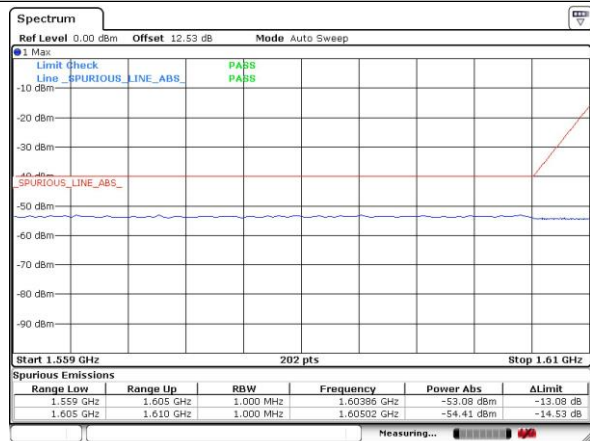
Date: 7.FEB.2025 23:13:05

Middle Channel / 1SC0 QPSK



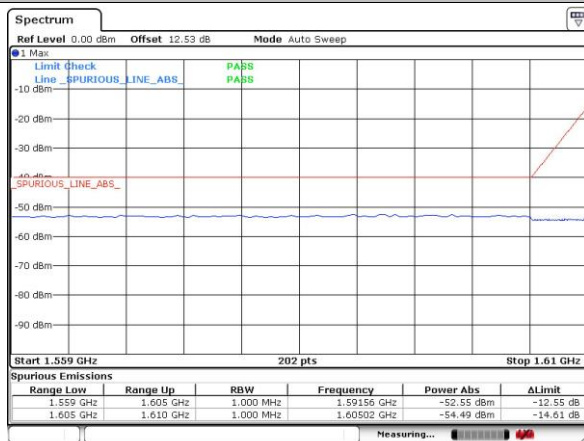
Date: 7.FEB.2025 22:59:02

Middle Channel / 1SC47 QPSK



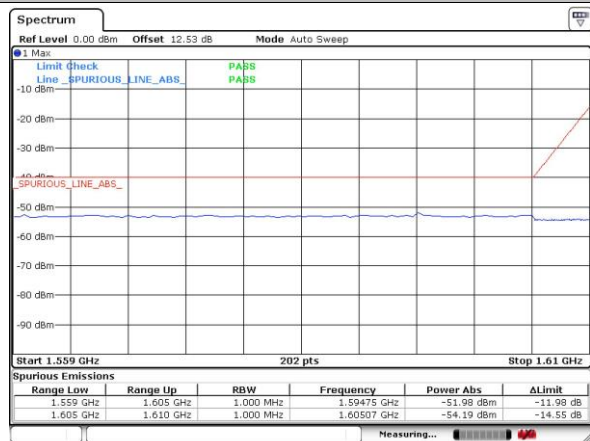
Date: 7.FEB.2025 23:00:57

Highest Channel / 1SC0 QPSK



Date: 7.FEB.2025 21:50:47

Highest Channel / 1SC47 QPSK



Date: 7.FEB.2025 21:52:43