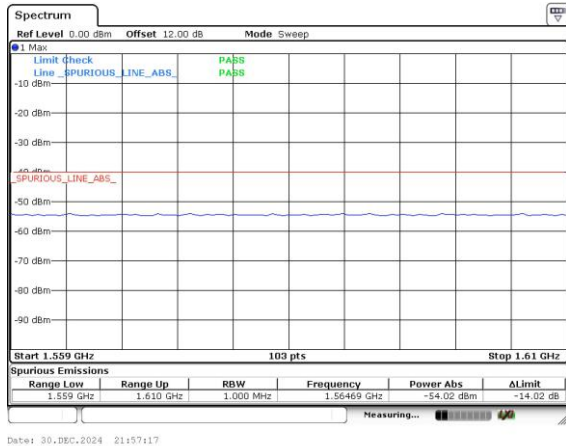


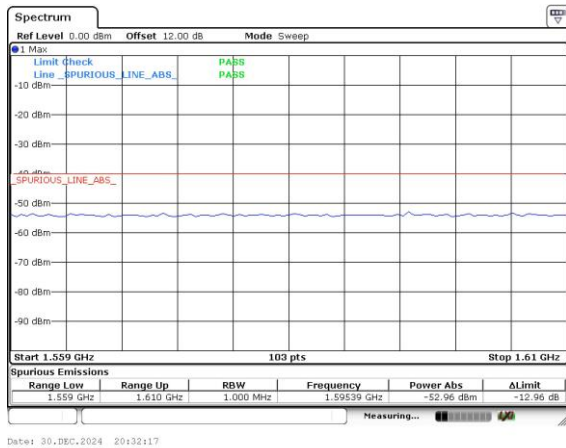


Lowest Channel / 3SC9 Broadband



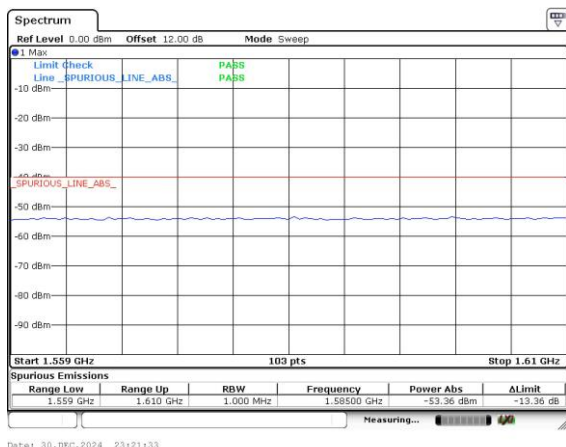
Lowest Channel / 3SC9 Broadband - Zoom in Verify

Middle Channel / 3SC9 Broadband



Middle Channel / 3SC9 Broadband - Zoom in Verify

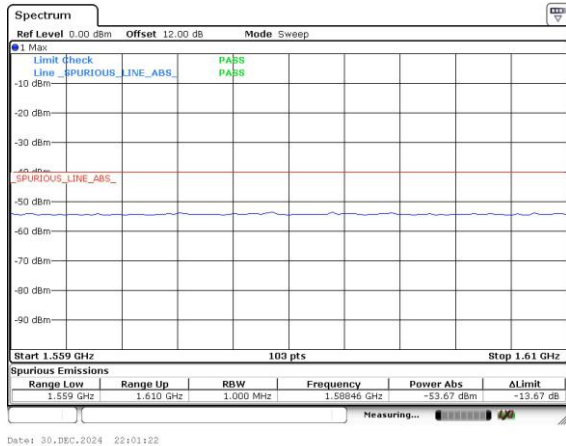
Highest Channel / 3SC9 Broadband



Highest Channel / 3SC9 Broadband - Zoom in Verify



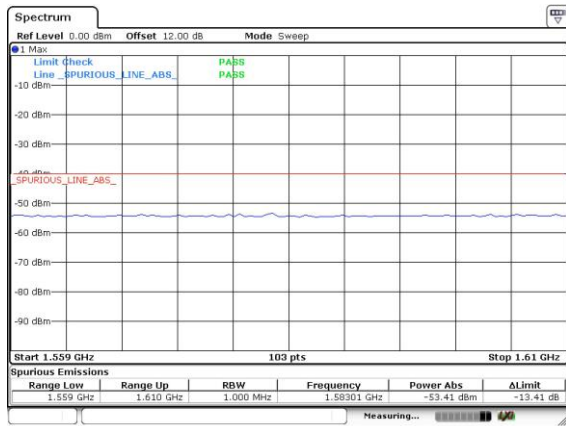
Lowest Channel / 6SC0 Broadband



Date: 30, DEC, 2024 22:01:22

Lowest Channel / 6SC0 Broadband - Zoom in Verify

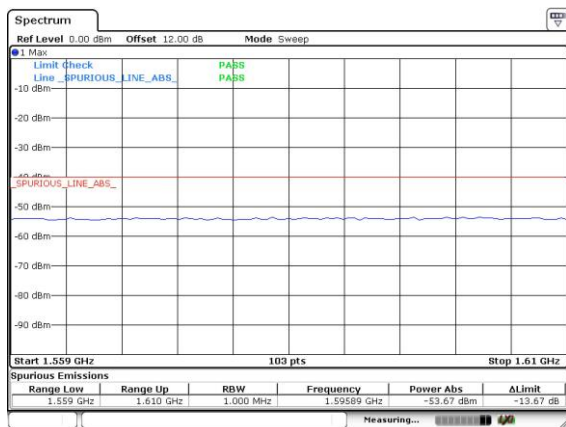
Middle Channel / 6SC0 Broadband



Date: 30, DEC, 2024 20:36:48

Middle Channel / 6SC0 Broadband - Zoom in Verify

Highest Channel / 6SC0 Broadband

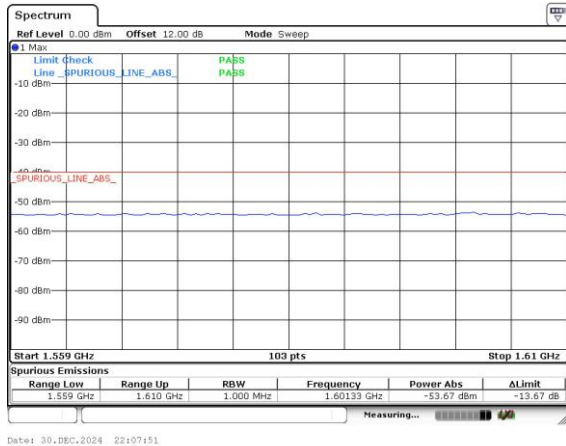


Date: 30, DEC, 2024 23:26:28

Highest Channel / 6SC0 Broadband - Zoom in Verify



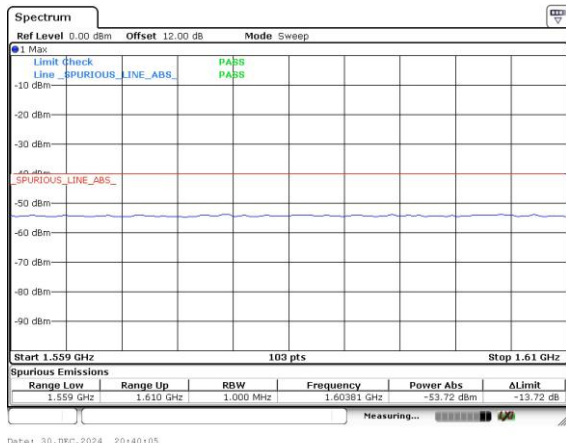
Lowest Channel / 6SC6 Broadband



Date: 30, DEC, 2024 22:07:51

Lowest Channel / 6SC6 Broadband - Zoom in Verify

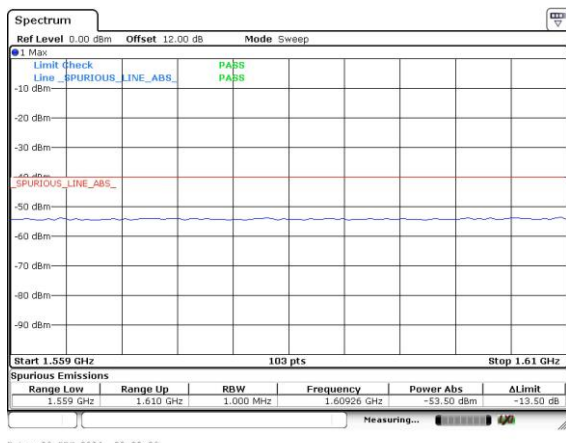
Middle Channel / 6SC6 Broadband



Date: 30, DEC, 2024 22:40:05

Middle Channel / 6SC6 Broadband - Zoom in Verify

Highest Channel / 6SC6 Broadband

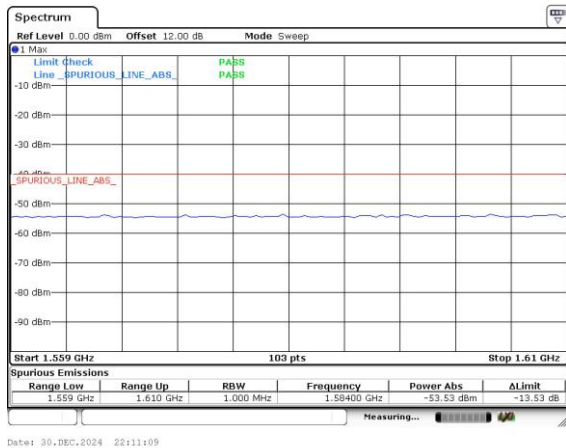


Date: 30, DEC, 2024 23:29:20

Highest Channel / 6SC6 Broadband - Zoom in Verify

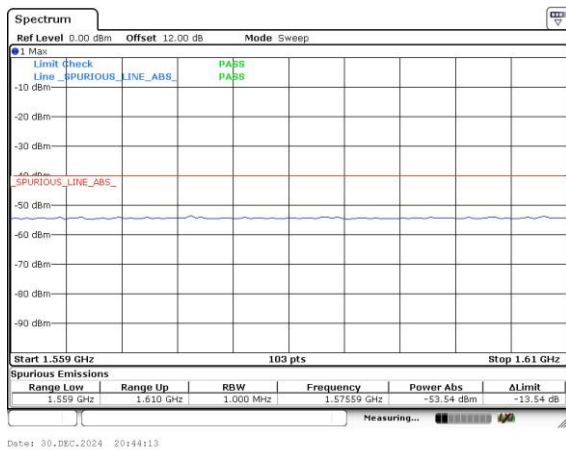


Lowest Channel / 12SC0 Broadband



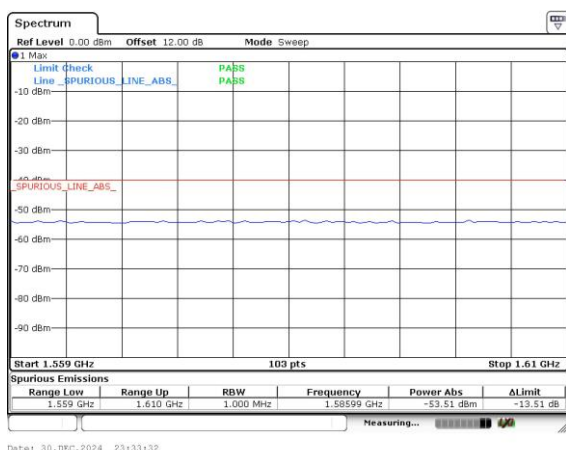
Lowest Channel / 12SC0 Broadband - Zoom in Verify

Middle Channel / 12SC0 Broadband



Middle Channel / 12SC0 Broadband - Zoom in Verify

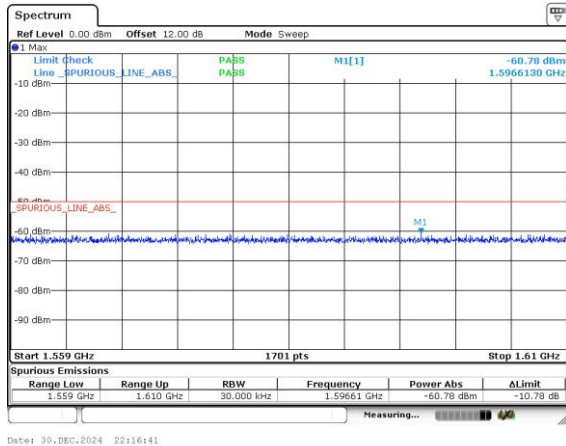
Highest Channel / 12SC0 Broadband



Highest Channel / 12SC0 Broadband - Zoom in Verify

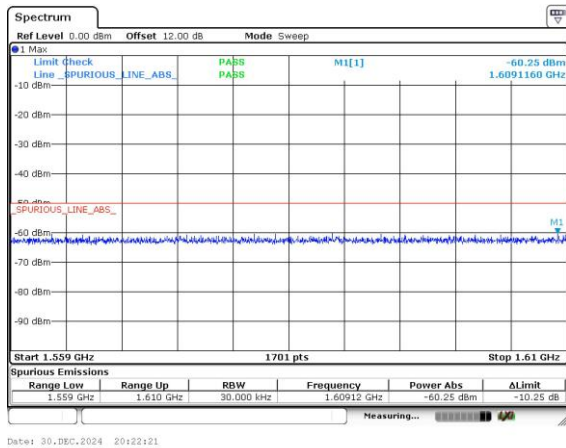


Lowest Channel / 1SC0 Discrete



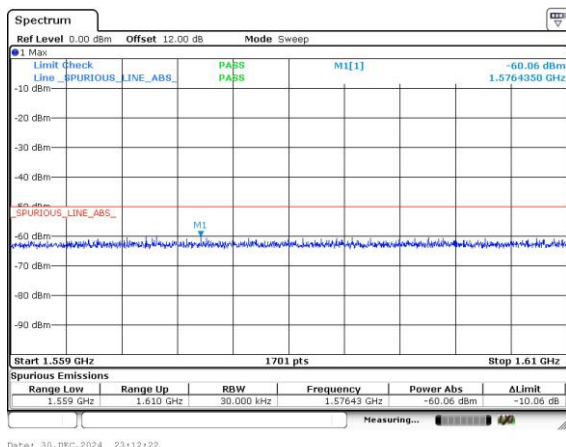
Lowest Channel / 1SC0 Discrete - Zoom in Verify

Middle Channel / 1SC0 Discrete



Middle Channel / 1SC0 Discrete - Zoom in Verify

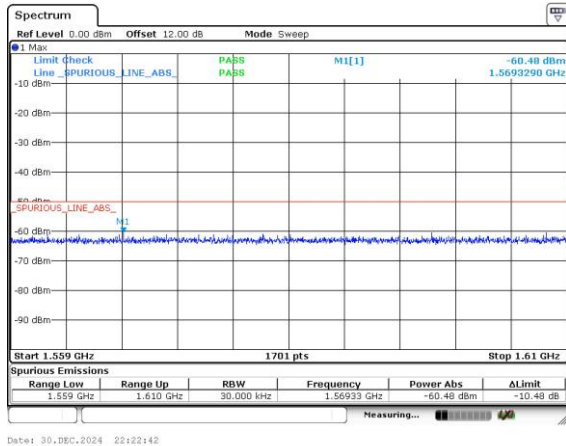
Highest Channel / 1SC0 Discrete



Highest Channel / 1SC0 Discrete - Zoom in Verify

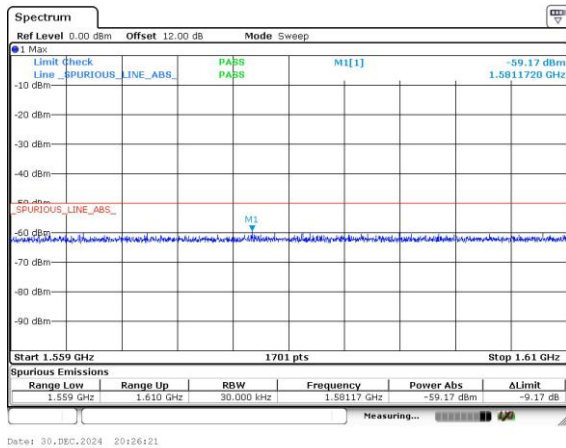


Lowest Channel / 1SC11 Discrete



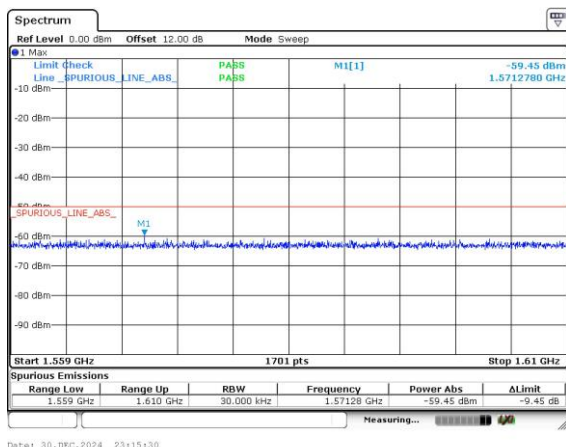
Lowest Channel / 1SC11 Discrete - Zoom in Verify

Middle Channel / 1SC11 Discrete



Middle Channel / 1SC11 Discrete - Zoom in Verify

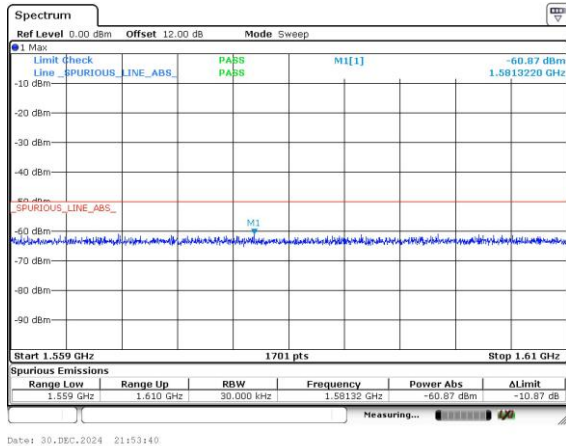
Highest Channel / 1SC11 Discrete



Highest Channel / 1SC11 Discrete - Zoom in Verify

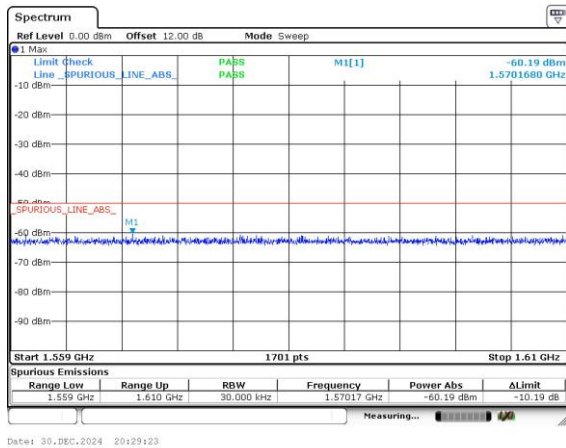


Lowest Channel / 3SC0 Discrete



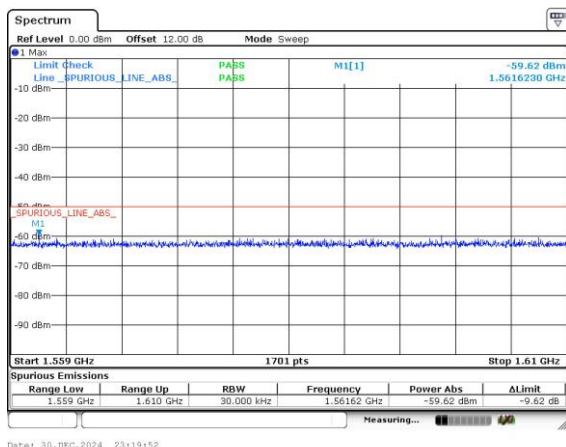
Lowest Channel / 3SC0 Discrete - Zoom in Verify

Middle Channel / 3SC0 Discrete



Middle Channel / 3SC0 Discrete - Zoom in Verify

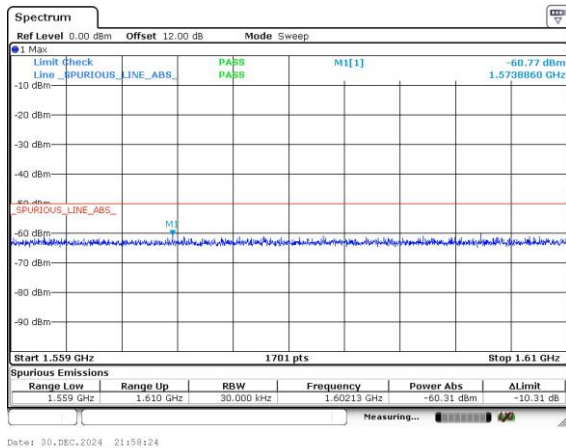
Highest Channel / 3SC0 Discrete



Highest Channel / 3SC0 Discrete - Zoom in Verify

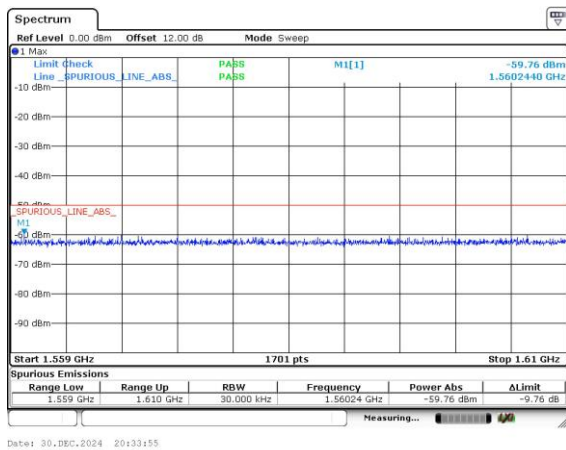


Lowest Channel / 3SC9 Discrete



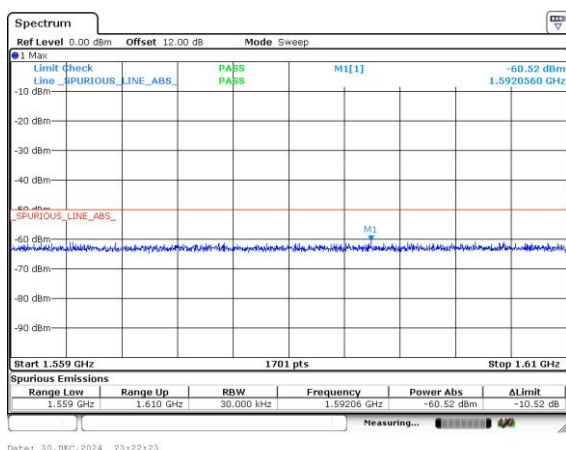
Lowest Channel / 3SC9 Discrete - Zoom in Verify

Middle Channel / 3SC9 Discrete



Middle Channel / 3SC9 Discrete - Zoom in Verify

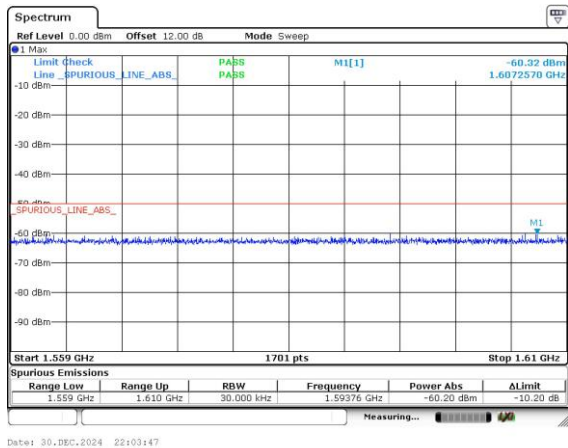
Highest Channel / 3SC9 Discrete



Highest Channel / 3SC9 Discrete - Zoom in Verify

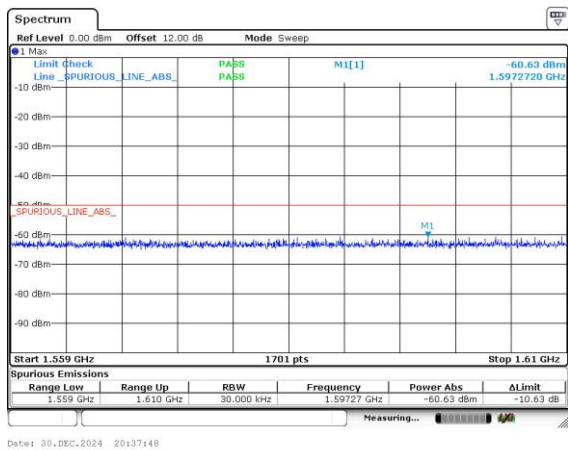


Lowest Channel / 6SC0 Discrete



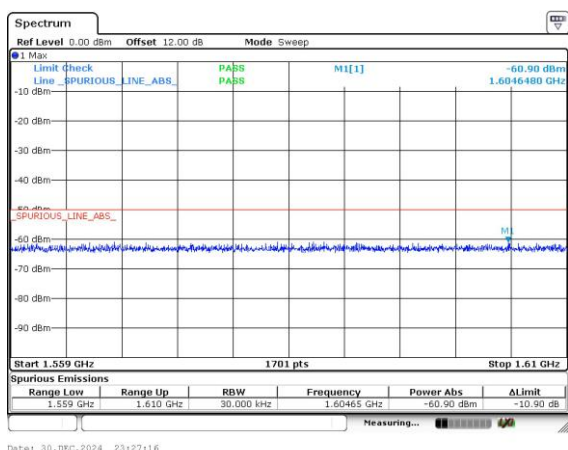
Lowest Channel / 6SC0 Discrete - Zoom in Verify

Middle Channel / 6SC0 Discrete



Middle Channel / 6SC0 Discrete - Zoom in Verify

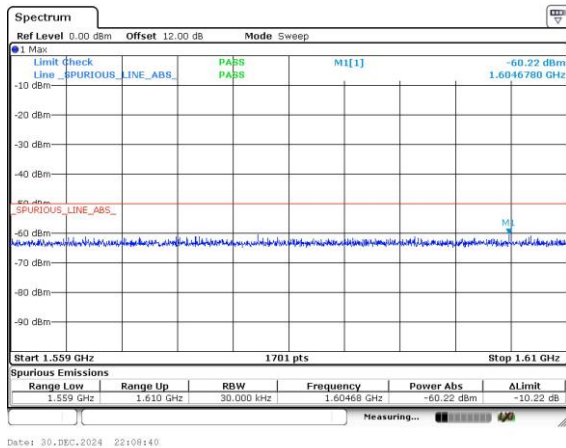
Highest Channel / 6SC0 Discrete



Highest Channel / 6SC0 Discrete - Zoom in Verify

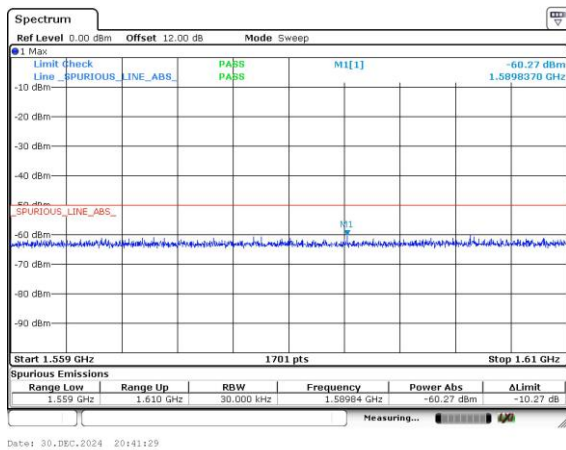


Lowest Channel / 6SC6 Discrete



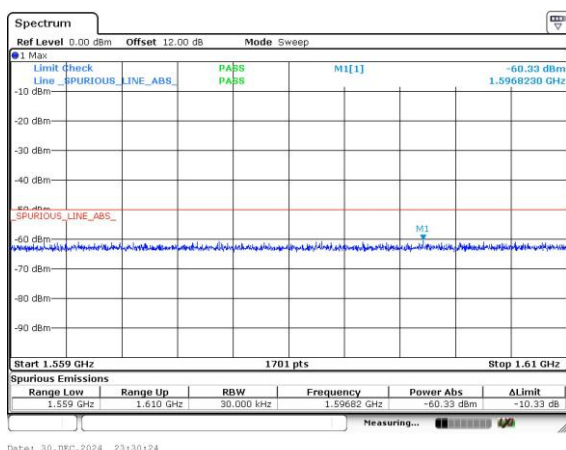
Lowest Channel / 6SC6 Discrete - Zoom in Verify

Middle Channel / 6SC6 Discrete



Middle Channel / 6SC6 Discrete - Zoom in Verify

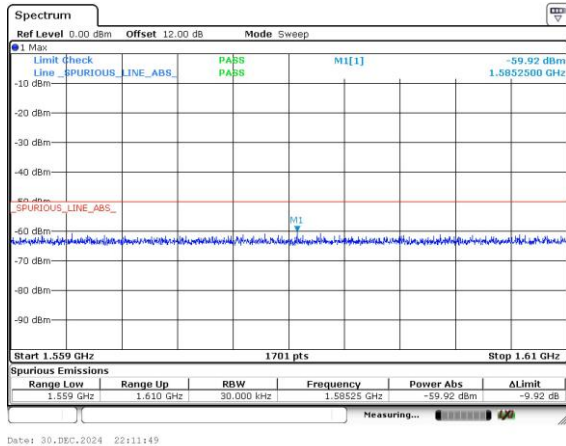
Highest Channel / 6SC6 Discrete



Highest Channel / 6SC6 Discrete - Zoom in Verify



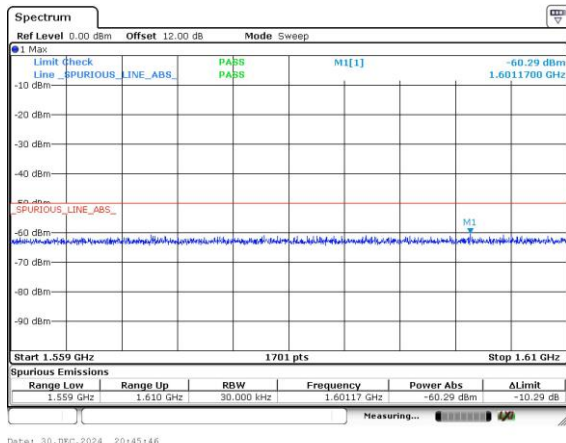
Lowest Channel / 12SC0 Discrete



Date: 30, DEC, 2024 22:11:49

Lowest Channel / 12SC0 Discrete - Zoom in Verify

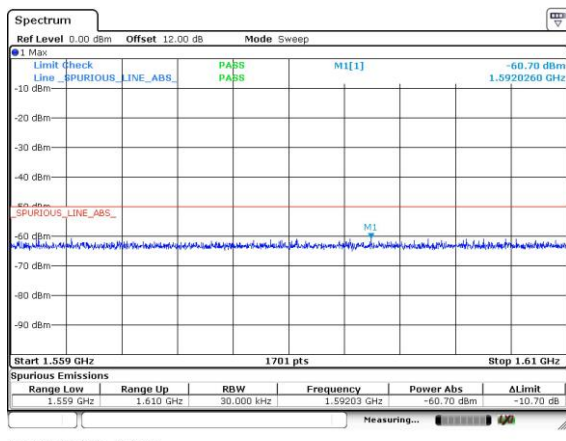
Middle Channel / 12SC0 Discrete



Date: 30, DEC, 2024 20:45:46

Middle Channel / 12SC0 Discrete - Zoom in Verify

Highest Channel / 12SC0 Discrete



Date: 30, DEC, 2024 23:34:38

Highest Channel / 12SC0 Discrete - Zoom in Verify

Frequency Stability

Test Conditions		Band 23(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	SCS 15kHz	10ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0036	PASS
40	Normal Voltage	0.0044	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0040	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0042	

Note: Normal Voltage = 3.70V. ; Battery End Point (BEP) = 2.80V. ; Maximum Voltage = 4.35V.

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	24.20	24.28	8.50	32.70	32.78	PASS
	1SC47	24.15	24.19	8.50	32.65	32.69	
1643.5	1SC0	24.17	24.20	8.50	32.67	32.70	
	1SC47	24.14	24.21	8.50	32.64	32.71	
1660.4	1SC0	24.29	24.15	8.50	32.79	32.65	
	1SC47	24.36	24.20	8.50	32.86	32.70	

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	23.93	24.05	8.50	32.43	32.55	PASS
	1SC11	23.96	23.97	8.50	32.46	32.47	
	3SC0	-	23.65	8.50	-	32.15	
	3SC9	-	23.53	8.50	-	32.03	
	6SC0	-	23.06	8.50	-	31.56	
	6SC6	-	23.09	8.50	-	31.59	
	12SC0	-	21.82	8.50	-	30.32	
1643.5	1SC0	23.89	23.88	8.50	32.39	32.38	
	1SC11	23.83	23.78	8.50	32.33	32.28	
	3SC0	-	23.46	8.50	-	31.96	
	3SC9	-	23.34	8.50	-	31.84	
	6SC0	-	22.93	8.50	-	31.43	
	6SC6	-	22.96	8.50	-	31.46	
	12SC0	-	21.68	8.50	-	30.18	
1660.4	1SC0	23.82	23.95	8.50	32.32	32.45	
	1SC11	23.96	23.83	8.50	32.46	32.33	
	3SC0	-	23.46	8.50	-	31.96	
	3SC9	-	23.48	8.50	-	31.98	
	6SC0	-	22.84	8.50	-	31.34	
	6SC6	-	22.96	8.50	-	31.46	
	12SC0	-	21.83	8.50	-	30.33	



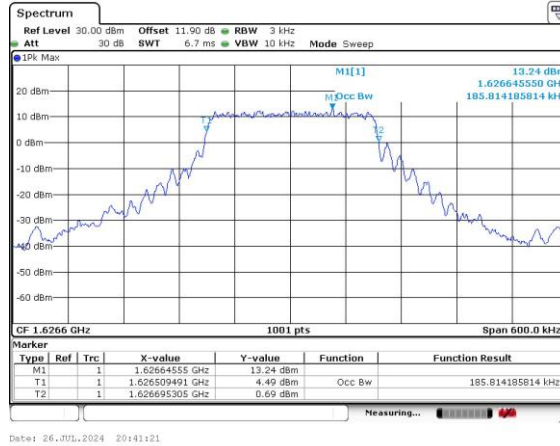
Occupied Bandwidth

Mode	Band 255 : 99%OBW(kHz)
SCS	15kHz
Mod.	QPSK
SC Size	12SC0
Lowest CH	185.814
Middle CH	186.414
Highest CH	189.411

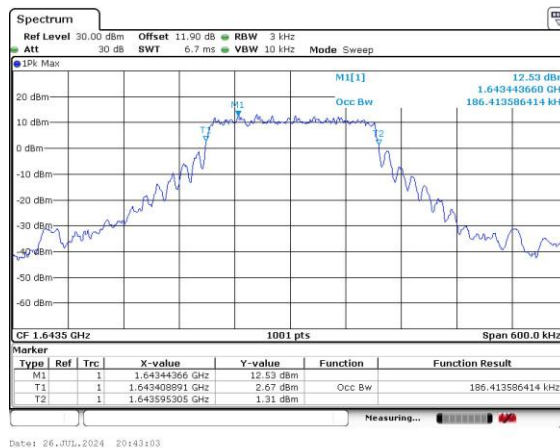


Band 255 SCS 15kHz

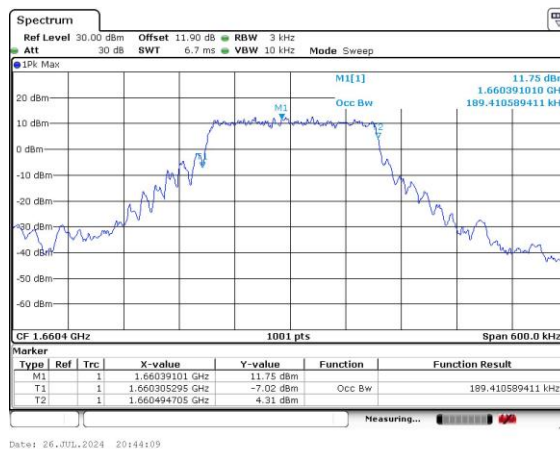
Lowest Channel / 12SC0 / QPSK



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	-13.48	-12.23	-	-2.41	-9.82	Pass
3.75	BPSK	1SC47	-9.40	-8.15	-	-2.87	-5.28	Pass
3.75	QPSK	1SC0	-13.60	-12.35	-	-2.63	-9.72	Pass
3.75	QPSK	1SC47	-9.01	-7.76	-	-2.51	-5.25	Pass
15	BPSK	1SC0	-7.87	-6.62	-	-4.12	-2.50	Pass
15	BPSK	1SC11	-5.26	-4.01	-	-3.13	-0.88	Pass
15	QPSK	1SC0	-7.21	-5.96	-	-4.62	-1.34	Pass
15	QPSK	1SC11	-5.33	-4.08	-	-3.27	-0.81	Pass
15	QPSK	3SC0	-10.75	-9.50	-	-3.35	-6.15	Pass
15	QPSK	3SC9	-6.40	-5.15	-	-3.78	-1.37	Pass
15	QPSK	6SC0	-14.05	-12.80	-	-3.84	-8.96	Pass
15	QPSK	6SC6	-9.33	-8.08	-	-3.79	-4.29	Pass
15	QPSK	12SC0	-16.63	-15.38	-	-5.44	-9.94	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	-10.73	-9.48	-	-2.24	-7.24	Pass
3.75	BPSK	1SC47	-10.27	-9.02	-	-3.84	-5.18	Pass
3.75	QPSK	1SC0	-12.09	-10.84	-	-3.44	-7.40	Pass
3.75	QPSK	1SC47	-9.22	-7.97	-	-2.70	-5.27	Pass
15	BPSK	1SC0	-5.26	-4.01	-	-3.30	-0.71	Pass
15	BPSK	1SC11	-5.94	-4.69	-	-4.08	-0.61	Pass
15	QPSK	1SC0	-5.47	-4.22	-	-2.99	-1.23	Pass
15	QPSK	1SC11	-4.84	-3.59	-	-3.11	-0.48	Pass
15	QPSK	3SC0	-6.73	-5.48	-	-3.47	-2.01	Pass
15	QPSK	3SC9	-6.07	-4.82	-	-3.41	-1.41	Pass
15	QPSK	6SC0	-10.77	-9.52	-	-4.23	-5.29	Pass
15	QPSK	6SC6	-9.34	-8.09	-	-4.28	-3.81	Pass
15	QPSK	12SC0	-14.73	-13.48	-	-5.34	-8.14	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	-10.79	-9.54	-	-3.61	-5.93	Pass
3.75	BPSK	1SC47	-13.14	-11.89	-	-3.19	-8.70	Pass
3.75	QPSK	1SC0	-11.36	-10.11	-	-3.30	-6.81	Pass
3.75	QPSK	1SC47	-13.37	-12.12	-	-3.51	-8.61	Pass
15	BPSK	1SC0	-5.64	-4.39	-	-2.99	-1.40	Pass
15	BPSK	1SC11	-7.04	-5.79	-	-4.10	-1.69	Pass
15	QPSK	1SC0	-5.49	-4.24	-	-3.18	-1.06	Pass
15	QPSK	1SC11	-6.20	-4.95	-	-3.29	-1.66	Pass
15	QPSK	3SC0	-9.24	-7.99	-	-4.25	-3.74	Pass
15	QPSK	3SC9	-12.11	-10.86	-	-4.21	-6.65	Pass
15	QPSK	6SC0	-10.02	-8.77	-	-4.19	-4.58	Pass
15	QPSK	6SC6	-13.28	-12.03	-	-4.50	-7.53	Pass
15	QPSK	12SC0	-15.63	-14.38	-	-5.50	-8.88	Pass

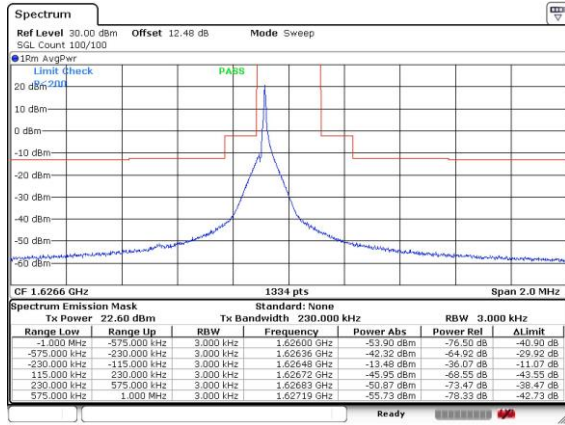
Remark: The above results of RBW 3kHz should be added a factor of $10\log(4\text{kHz}/3\text{kHz}) = 1.25\text{dB}$.

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



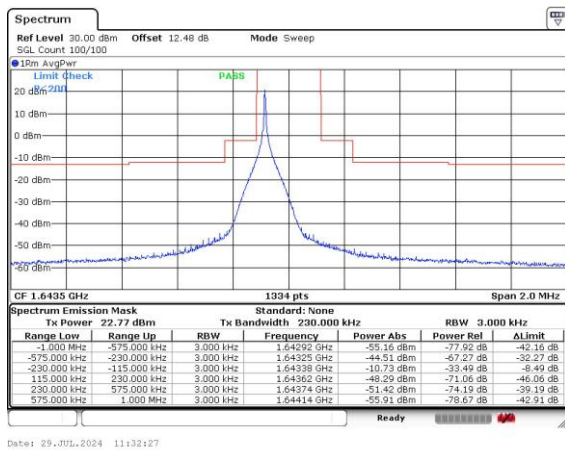
Band 255 SCS 3.75kHz

Lowest Channel / 1SC0 / BPSK



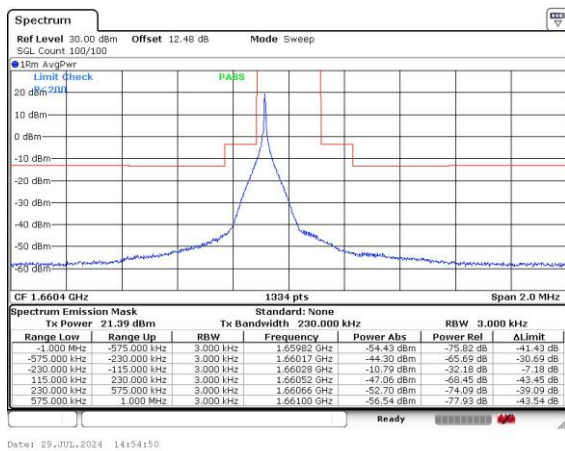
N/A

Middle Channel / 1SC0 / BPSK



N/A

Highest Channel / 1SC0 / BPSK

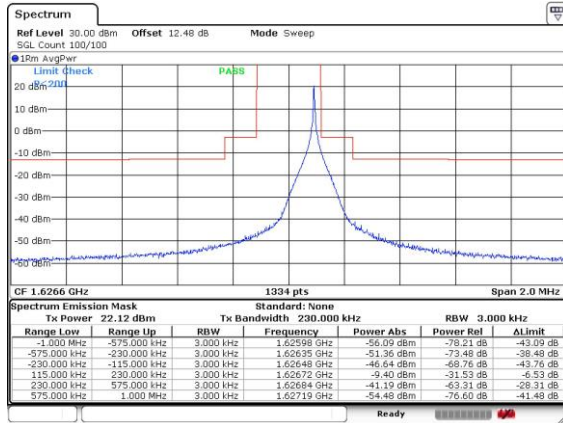


N/A



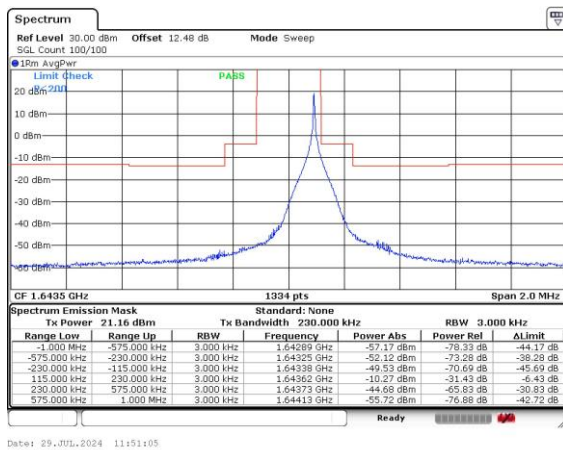
Band 255 SCS 3.75kHz

Lowest Channel / 1SC47 / BPSK



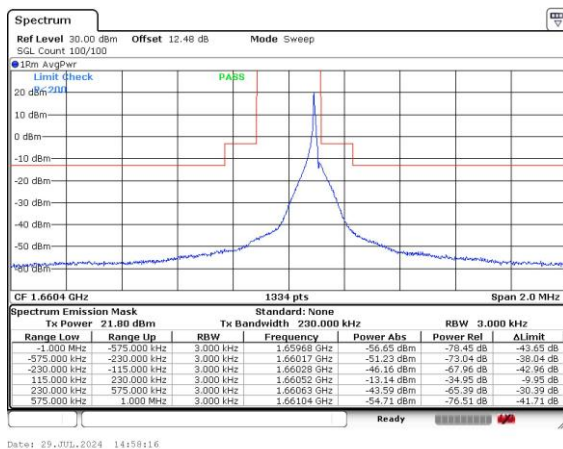
N/A

Middle Channel / 1SC47 / BPSK



N/A

Highest Channel / 1SC47 / BPSK

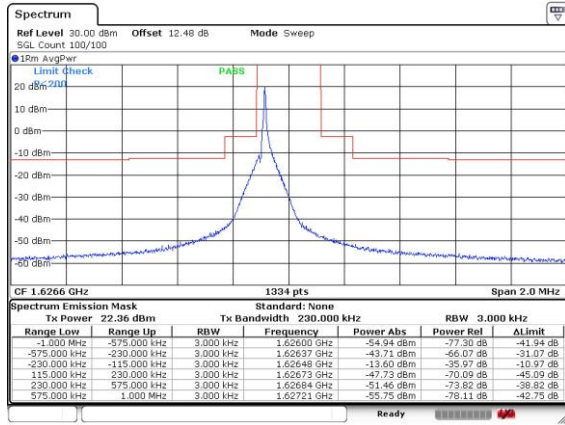


N/A



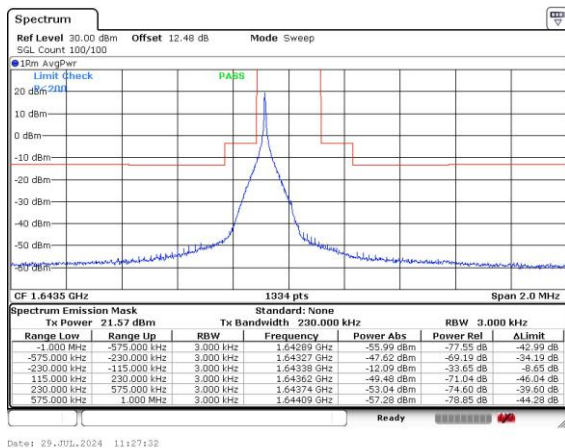
Band 255 SCS 3.75kHz

Lowest Channel / 1SC0 / QPSK



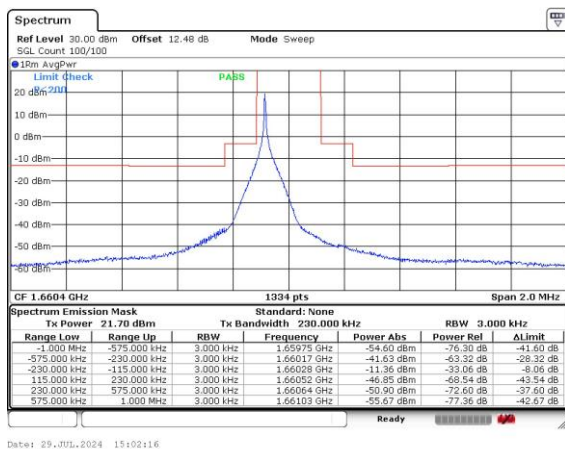
N/A

Middle Channel / 1SC0 / QPSK



N/A

Highest Channel / 1SC0 / QPSK



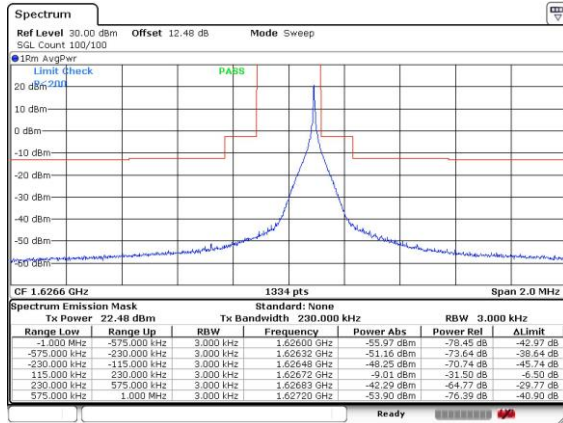
N/A



Band 255 SCS 3.75kHz

Lowest Channel / 1SC47 / QPSK

Lowest Channel / 1SC47 / QPSK-CP

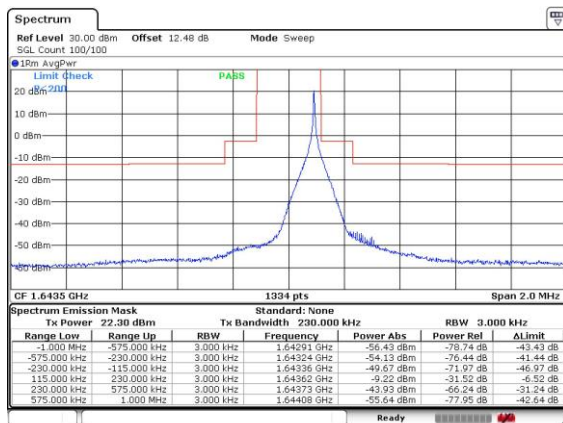


Date: 29.JUL.2024 10:23:51

N/A

Middle Channel / 1SC47 / QPSK

Middle Channel / 1SC47 / QPSK-CP

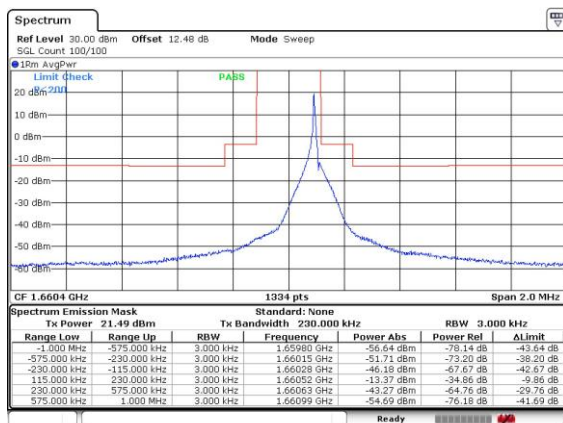


Date: 29.JUL.2024 11:56:16

N/A

Highest Channel / 1SC47 / QPSK

Highest Channel / 1SC47 / QPSK-CP



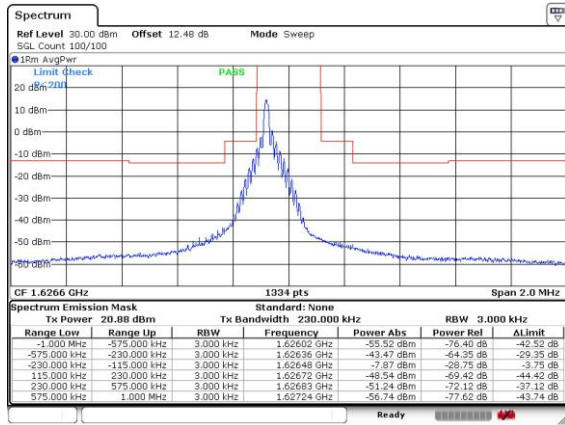
Date: 29.JUL.2024 15:11:52

N/A



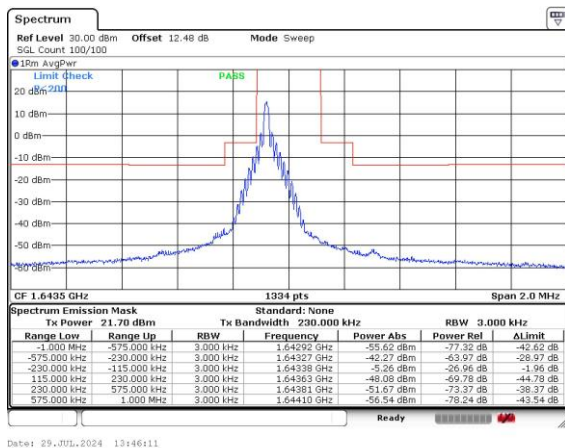
Band 255 SCS 15kHz

Lowest Channel / 1SC0 / BPSK



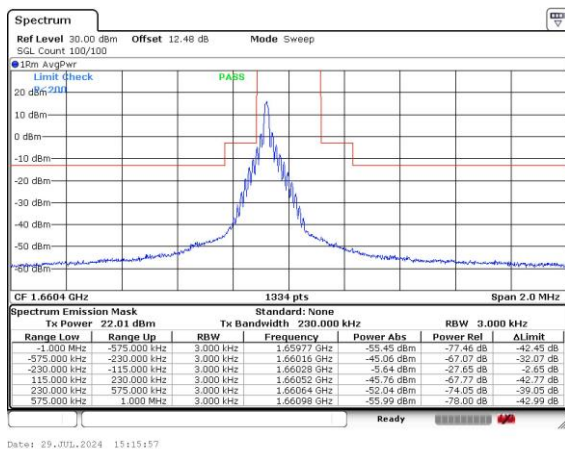
N/A

Middle Channel / 1SC0 / BPSK



N/A

Highest Channel / 1SC0 / BPSK

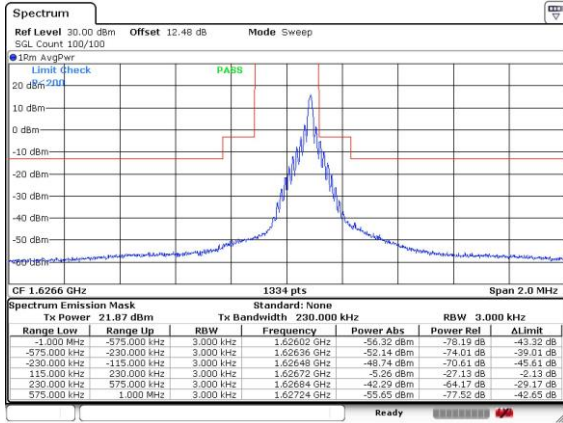


N/A



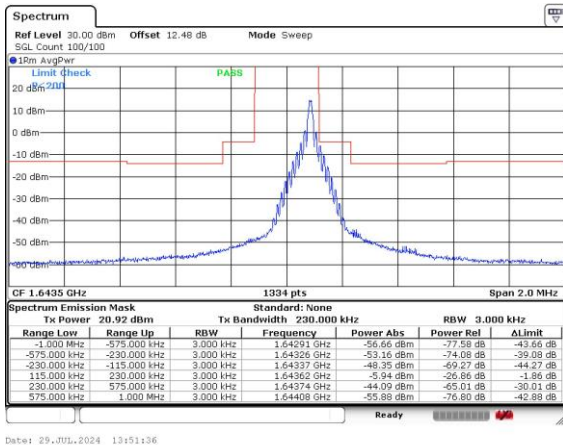
Band 255 SCS 15kHz

Lowest Channel / 1SC11 / BPSK



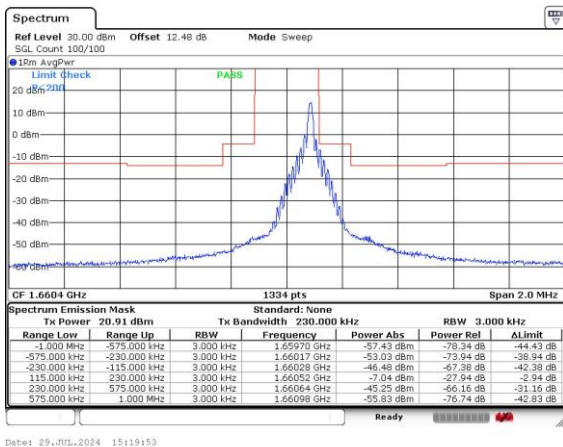
N/A

Middle Channel / 1SC11 / BPSK



N/A

Highest Channel / 1SC11 / BPSK

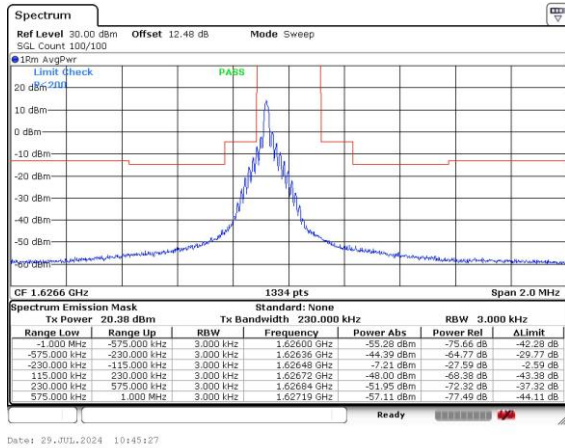


N/A



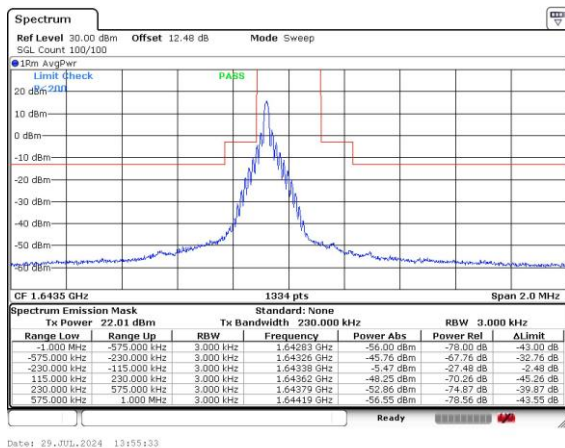
Band 255 SCS 15kHz

Lowest Channel / 1SC0 / QPSK



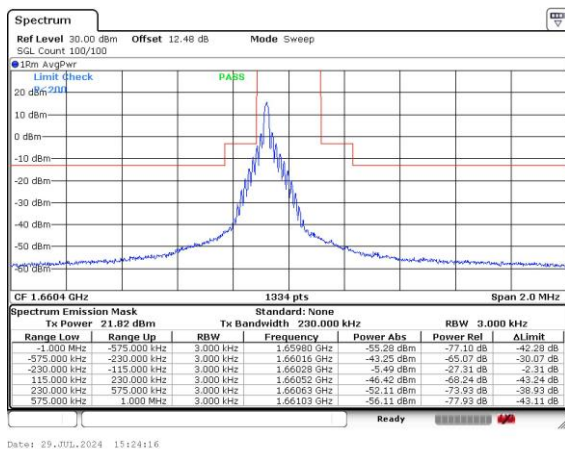
N/A

Middle Channel / 1SC0 / QPSK



N/A

Highest Channel / 1SC0 / QPSK

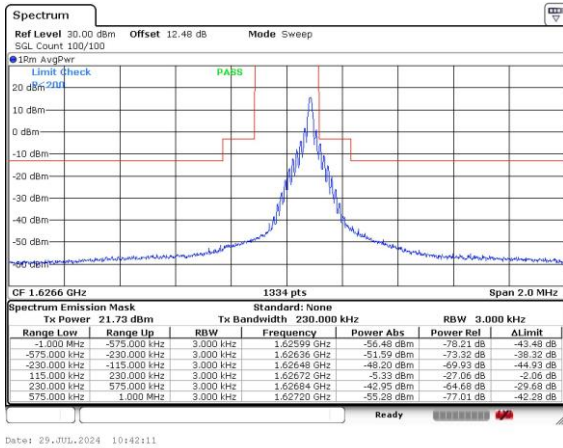


N/A



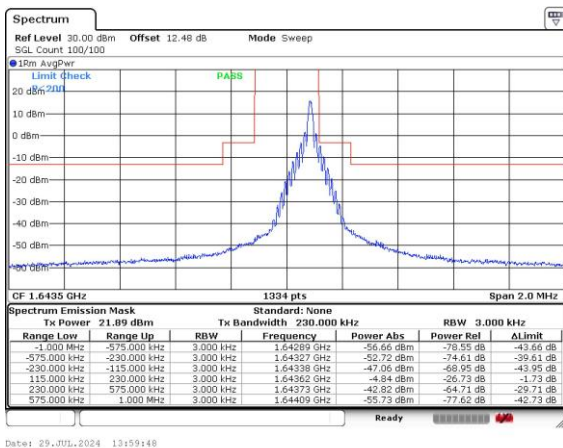
Band 255 SCS 15kHz

Lowest Channel / 1SC11 / QPSK



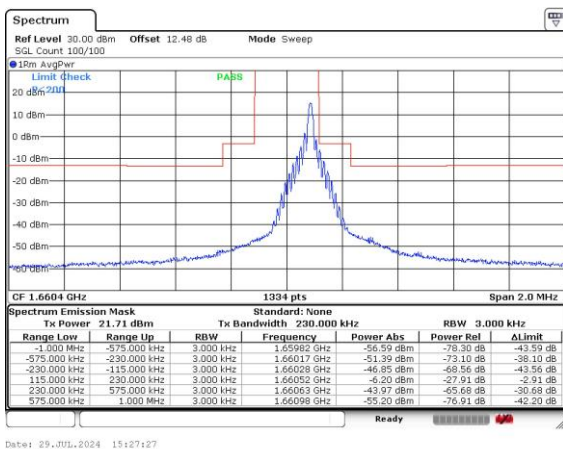
N/A

Middle Channel / 1SC11 / QPSK



N/A

Highest Channel / 1SC11 / QPSK

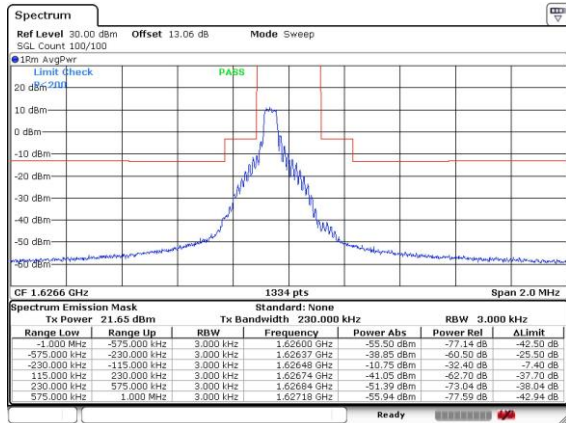


N/A



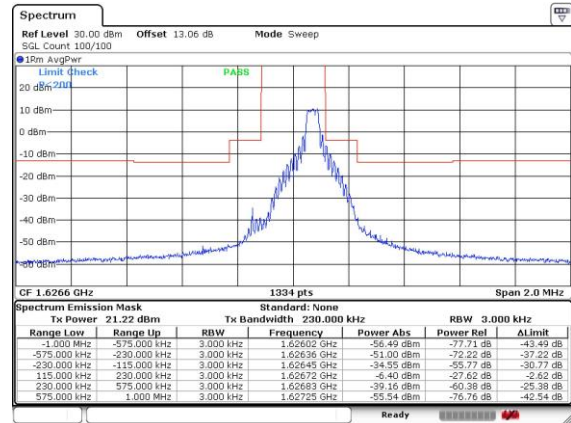
Band 255 SCS 15kHz

Lowest Channel / 3SC0 / QPSK



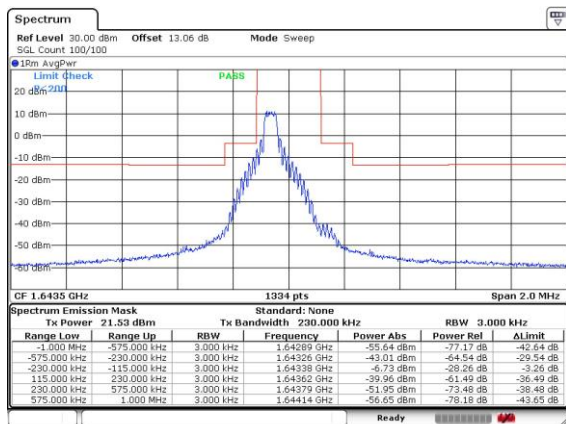
Date: 29.JUL.2024 10:50:53

Lowest Channel / 3SC9 / QPSK



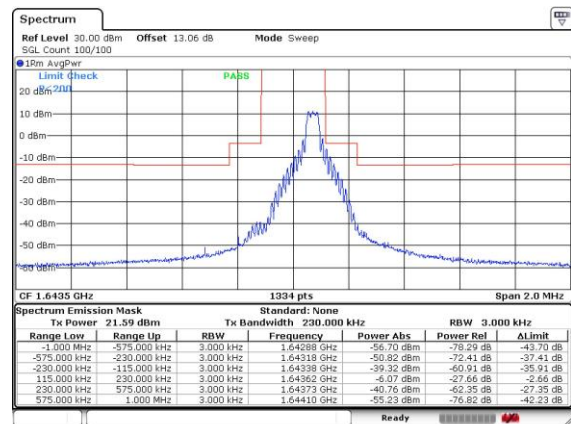
Date: 29.JUL.2024 11:07:37

Middle Channel / 3SC0 / QPSK



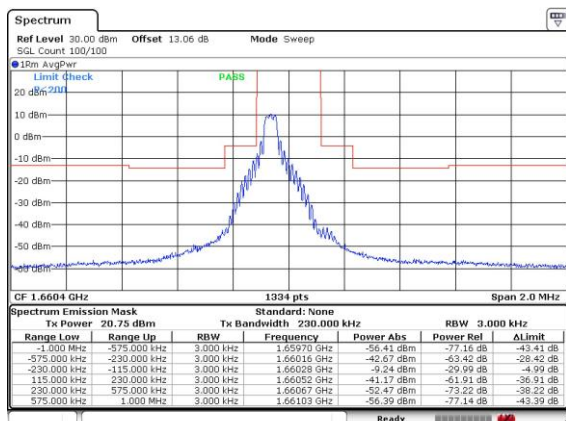
Date: 29.JUL.2024 14:09:42

Middle Channel / 3SC9 / QPSK



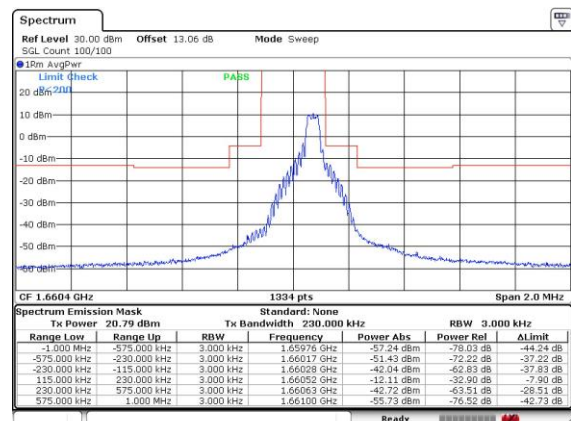
Date: 29.JUL.2024 14:15:15

Highest Channel / 3SC0 / QPSK



Date: 29.JUL.2024 15:31:07

Highest Channel / 3SC9 / QPSK

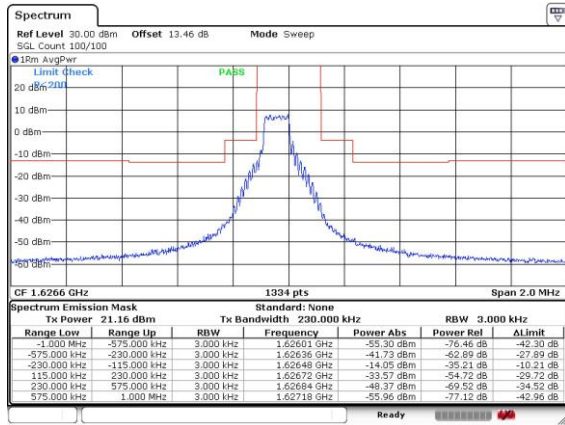


Date: 29.JUL.2024 15:55:37

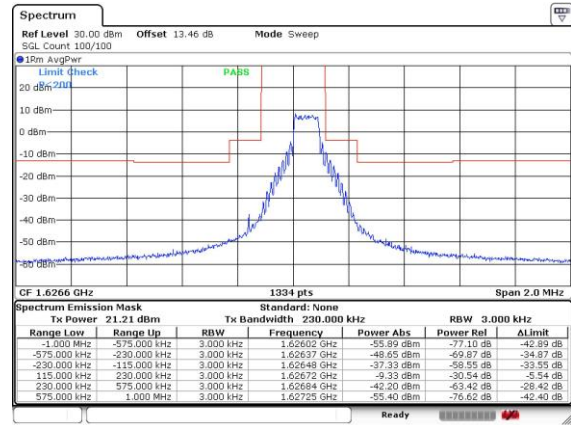


Band 255 SCS 15kHz

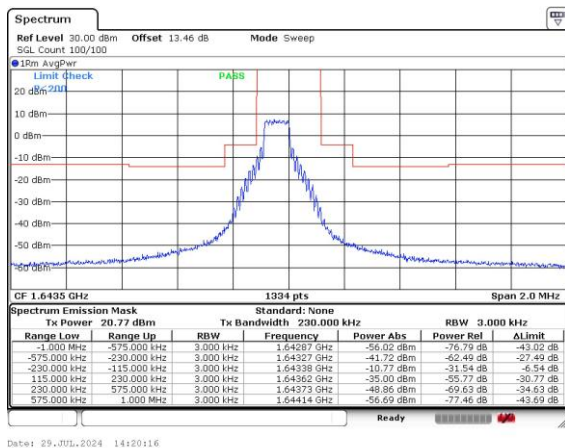
Lowest Channel / 6SC0 / QPSK



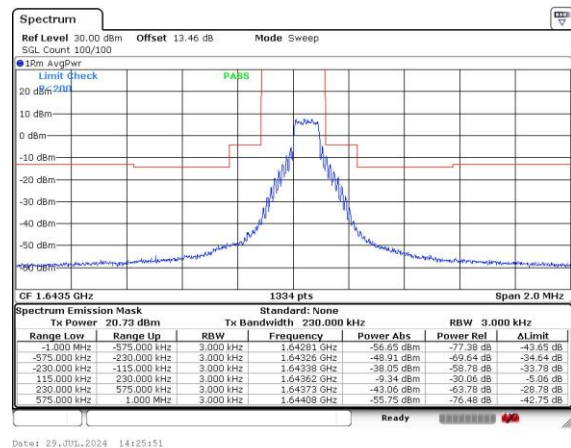
Lowest Channel / 6SC6 / QPSK



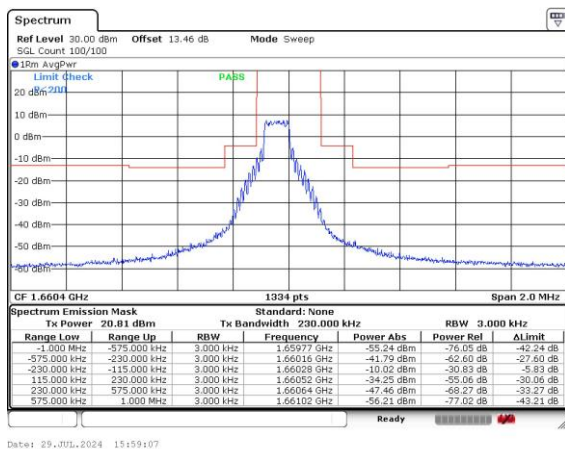
Middle Channel / 6SC0 / QPSK



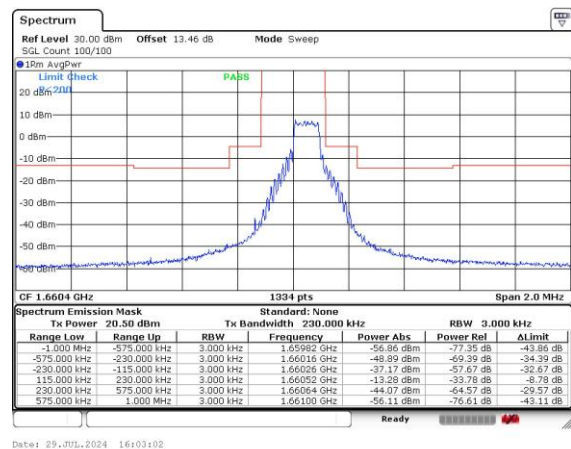
Middle Channel / 6SC6 / QPSK



Highest Channel / 6SC0 / QPSK



Highest Channel / 6SC6 / QPSK

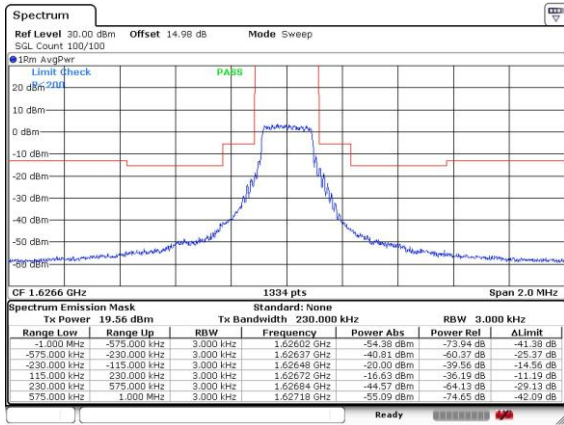




Band 255 SCS 15kHz

Lowest Channel / 12SC0 / QPSK

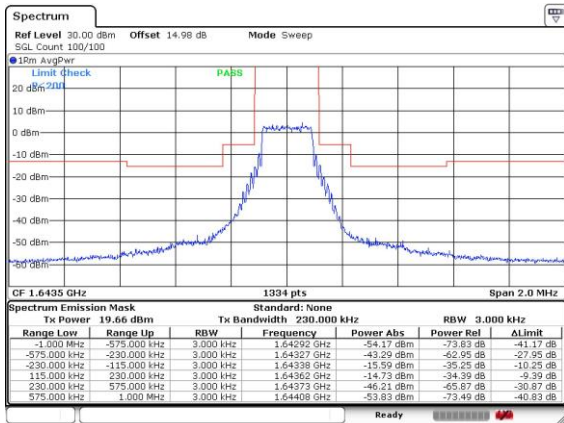
N/A



Date: 29.JUL.2024 11:18:35

Middle Channel / 12SC0 / QPSK

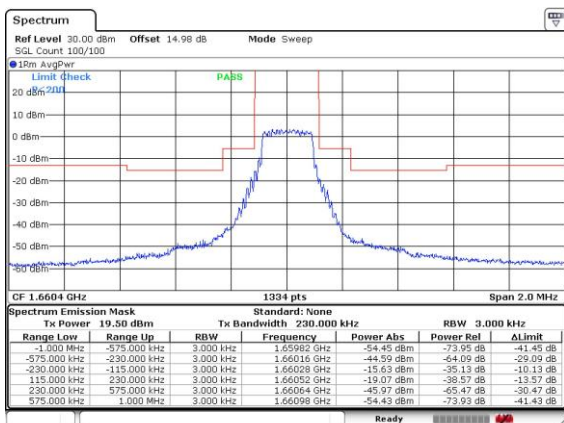
N/A



Date: 29.JUL.2024 14:32:48

Highest Channel / 12SC0 / QPSK

N/A



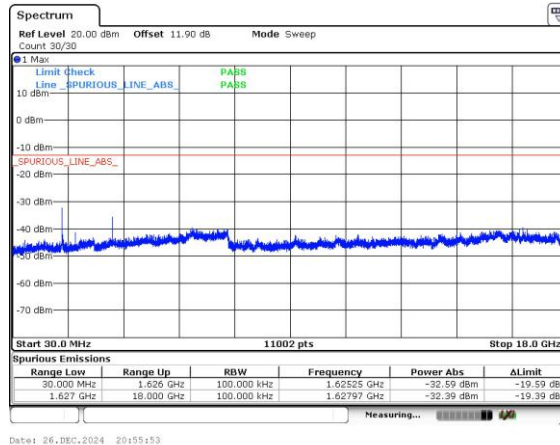
Date: 29.JUL.2024 16:08:57



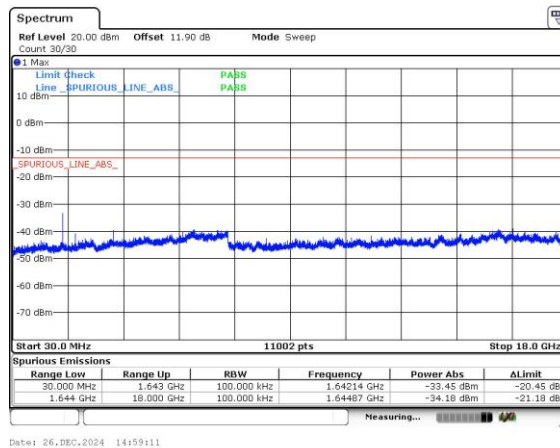
Conducted Spurious Emission

Band 255 SCS 3.75kHz

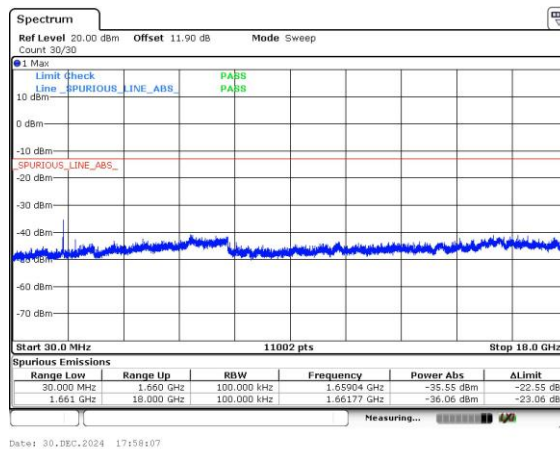
Lowest Channel / 1SC0 / QPSK



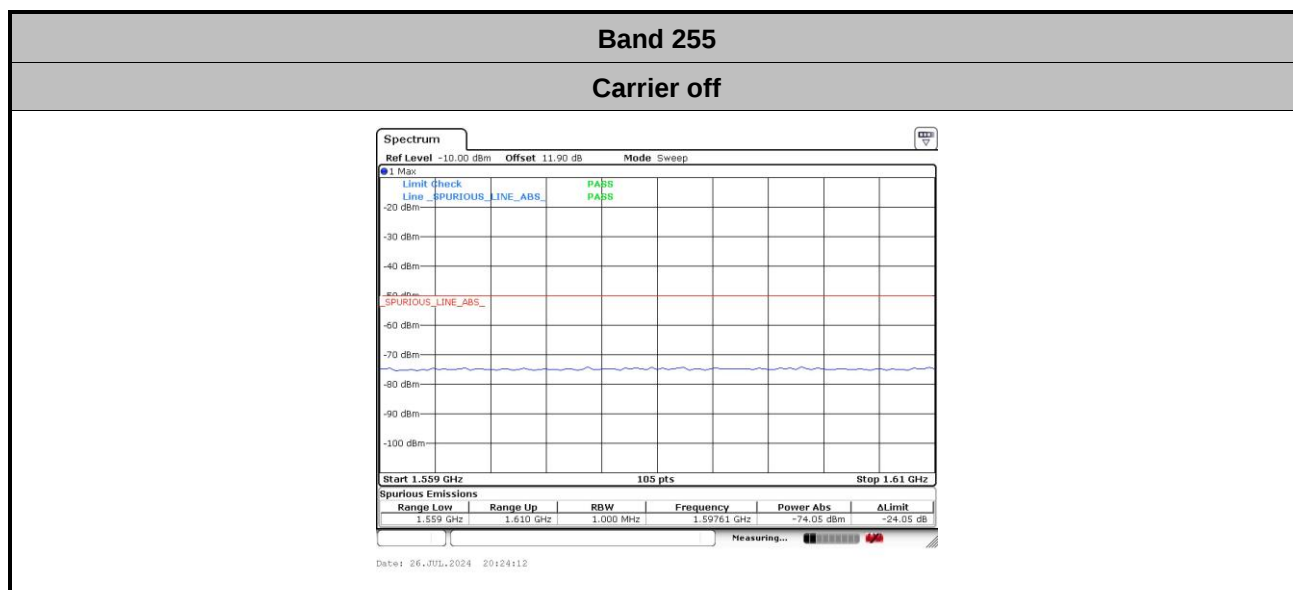
Middle Channel / 1SC0 / QPSK



Highest Channel / 1SC0 / BPSK



Emission limits for protection of aeronautical service



B255 L CH 1626.6MHz Broad Band								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-48.80	8.50	-40.30	-40	-0.30	Pass
3.75	BPSK	1SC47	-49.21	8.50	-40.71	-40	-0.71	Pass
3.75	QPSK	1SC0	-49.02	8.50	-40.52	-40	-0.52	Pass
3.75	QPSK	1SC47	-49.03	8.50	-40.53	-40	-0.53	Pass
15	BPSK	1SC0	-48.66	8.50	-40.16	-40	-0.16	Pass
15	BPSK	1SC11	-48.80	8.50	-40.30	-40	-0.30	Pass
15	QPSK	1SC0	-49.78	8.50	-41.28	-40	-1.28	Pass
15	QPSK	1SC11	-50.35	8.50	-41.85	-40	-1.85	Pass
15	QPSK	3SC0	-49.88	8.50	-41.38	-40	-1.38	Pass
15	QPSK	3SC9	-50.43	8.50	-41.93	-40	-1.93	Pass
15	QPSK	6SC0	-50.96	8.50	-42.46	-40	-2.46	Pass
15	QPSK	6SC6	-50.03	8.50	-41.53	-40	-1.53	Pass
15	QPSK	12SC0	-51.74	8.50	-43.24	-40	-3.24	Pass

B255 M CH 1643.5MHz Broad Band								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-50.39	8.50	-41.89	-40.00	-1.89	Pass
3.75	BPSK	1SC47	-50.56	8.50	-42.06	-40.00	-2.06	Pass
3.75	QPSK	1SC0	-50.19	8.50	-41.69	-40.00	-1.69	Pass
3.75	QPSK	1SC47	-49.63	8.50	-41.13	-40.00	-1.13	Pass
15	BPSK	1SC0	-48.94	8.50	-40.44	-40.00	-0.44	Pass
15	BPSK	1SC11	-48.72	8.50	-40.22	-40.00	-0.22	Pass
15	QPSK	1SC0	-48.52	8.50	-40.02	-40.00	-0.02	Pass
15	QPSK	1SC11	-48.23	8.50	-39.73	-40.00	0.27	Fail
15	QPSK	3SC0	-48.03	8.50	-39.53	-40.00	0.47	Fail
15	QPSK	3SC9	-48.27	8.50	-39.77	-40.00	0.23	Fail
15	QPSK	6SC0	-49.08	8.50	-40.58	-40.00	-0.58	Pass
15	QPSK	6SC6	-48.88	8.50	-40.38	-40.00	-0.38	Pass
15	QPSK	12SC0	-50.68	8.50	-42.18	-40.00	-2.18	Pass
Zoom in - Trace Average Verify								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	ΔLimit (dB)	Test Result
15	QPSK	1SC11	-50.73	8.50	-42.23	-40.00	-2.23	Pass
15	QPSK	3SC0	-49.44	8.50	-40.94	-40.00	-0.94	Pass
15	QPSK	3SC9	-49.37	8.50	-40.87	-40.00	-0.87	Pass

B255 H CH 1660.4MHz Broad Band								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-52.31	8.50	-43.81	-40.00	-3.81	Pass
3.75	BPSK	1SC47	-52.57	8.50	-44.07	-40.00	-4.07	Pass
3.75	QPSK	1SC0	-51.91	8.50	-43.41	-40.00	-3.41	Pass
3.75	QPSK	1SC47	-51.18	8.50	-42.68	-40.00	-2.68	Pass
15	BPSK	1SC0	-49.91	8.50	-41.41	-40.00	-1.41	Pass
15	BPSK	1SC11	-54.09	8.50	-45.59	-40.00	-5.59	Pass
15	QPSK	1SC0	-50.93	8.50	-42.43	-40.00	-2.43	Pass
15	QPSK	1SC11	-49.74	8.50	-41.24	-40.00	-1.24	Pass
15	QPSK	3SC0	-50.01	8.50	-41.51	-40.00	-1.51	Pass
15	QPSK	3SC9	-46.85	8.50	-38.35	-40.00	1.65	Fail
15	QPSK	6SC0	-49.15	8.50	-40.65	-40.00	-0.65	Pass
15	QPSK	6SC6	-49.78	8.50	-41.28	-40.00	-1.28	Pass
15	QPSK	12SC0	-51.61	8.50	-43.11	-40.00	-3.11	Pass
Zoom in - Trace Average Verify								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/MHz)	Gain (dBi)	Measured EIRP Value (dBm/MHz)	Limit (dBm/MHz)	ΔLimit (dB)	Test Result
15	QPSK	3SC9	-49.35	8.50	-40.85	-40.00	-0.85	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)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-56.20	8.50	-47.70	-50.00	2.30	Fail
3.75	BPSK	1SC47	-55.42	8.50	-46.92	-50.00	3.08	Fail
3.75	QPSK	1SC0	-56.14	8.50	-47.64	-50.00	2.36	Fail
3.75	QPSK	1SC47	-54.89	8.50	-46.39	-50.00	3.61	Fail
15	BPSK	1SC0	-56.52	8.50	-48.02	-50.00	1.98	Fail
15	BPSK	1SC11	-55.94	8.50	-47.44	-50.00	2.56	Fail
15	QPSK	1SC0	-56.90	8.50	-48.40	-50.00	1.60	Fail
15	QPSK	1SC11	-55.66	8.50	-47.16	-50.00	2.84	Fail
15	QPSK	3SC0	-56.96	8.50	-48.46	-50.00	1.54	Fail
15	QPSK	3SC9	-55.83	8.50	-47.33	-50.00	2.67	Fail
15	QPSK	6SC0	-57.26	8.50	-48.76	-50.00	1.24	Fail
15	QPSK	6SC6	-57.02	8.50	-48.52	-50.00	1.48	Fail
15	QPSK	12SC0	-57.97	8.50	-49.47	-50.00	0.53	Fail
Zoom in - RBW 1kHz Verify								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/kHz)	Gain (dBi)	Measured EIRP Value (dBm/kHz)	Limit (dBm/kHz)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-63.92	8.50	-55.42	-50.00	-5.42	Pass
3.75	BPSK	1SC47	-62.18	8.50	-53.68	-50.00	-3.68	Pass
3.75	QPSK	1SC0	-63.10	8.50	-54.60	-50.00	-4.60	Pass
3.75	QPSK	1SC47	-62.71	8.50	-54.21	-50.00	-4.21	Pass
15	BPSK	1SC0	-73.13	8.50	-64.63	-50.00	-14.63	Pass
15	BPSK	1SC11	-74.08	8.50	-65.58	-50.00	-15.58	Pass
15	QPSK	1SC0	-66.11	8.50	-57.61	-50.00	-7.61	Pass
15	QPSK	1SC11	-74.05	8.50	-65.55	-50.00	-15.55	Pass
15	QPSK	3SC0	-75.46	8.50	-66.96	-50.00	-16.96	Pass
15	QPSK	3SC9	-69.33	8.50	-60.83	-50.00	-10.83	Pass
15	QPSK	6SC0	-71.03	8.50	-62.53	-50.00	-12.53	Pass
15	QPSK	6SC6	-70.37	8.50	-61.87	-50.00	-11.87	Pass
15	QPSK	12SC0	-74.63	8.50	-66.13	-50.00	-16.13	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)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-56.51	8.50	-48.01	-50.00	1.99	Fail
3.75	BPSK	1SC47	-57.11	8.50	-48.61	-50.00	1.39	Fail
3.75	QPSK	1SC0	-57.19	8.50	-48.69	-50.00	1.31	Fail
3.75	QPSK	1SC47	-55.35	8.50	-46.85	-50.00	3.15	Fail
15	BPSK	1SC0	-56.34	8.50	-47.84	-50.00	2.16	Fail
15	BPSK	1SC11	-55.81	8.50	-47.31	-50.00	2.69	Fail
15	QPSK	1SC0	-54.66	8.50	-46.16	-50.00	3.84	Fail
15	QPSK	1SC11	-54.73	8.50	-46.23	-50.00	3.77	Fail
15	QPSK	3SC0	-56.71	8.50	-48.21	-50.00	1.79	Fail
15	QPSK	3SC9	-53.47	8.50	-44.97	-50.00	5.03	Fail
15	QPSK	6SC0	-53.54	8.50	-45.04	-50.00	4.96	Fail
15	QPSK	6SC6	-56.46	8.50	-47.96	-50.00	2.04	Fail
15	QPSK	12SC0	-56.05	8.50	-47.55	-50.00	2.45	Fail
Zoom in - RBW 1kHz Verify								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/kHz)	Gain (dBi)	Measured EIRP Value (dBm/kHz)	Limit (dBm/kHz)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-68.78	8.50	-60.28	-50.00	-10.28	Pass
3.75	BPSK	1SC47	-72.75	8.50	-64.25	-50.00	-14.25	Pass
3.75	QPSK	1SC0	-65.93	8.50	-57.43	-50.00	-7.43	Pass
3.75	QPSK	1SC47	-67.23	8.50	-58.73	-50.00	-8.73	Pass
15	BPSK	1SC0	-72.92	8.50	-64.42	-50.00	-14.42	Pass
15	BPSK	1SC11	-72.79	8.50	-64.29	-50.00	-14.29	Pass
15	QPSK	1SC0	-72.81	8.50	-64.31	-50.00	-14.31	Pass
15	QPSK	1SC11	-72.20	8.50	-63.70	-50.00	-13.70	Pass
15	QPSK	3SC0	-72.44	8.50	-63.94	-50.00	-13.94	Pass
15	QPSK	3SC9	-73.11	8.50	-64.61	-50.00	-14.61	Pass
15	QPSK	6SC0	-73.72	8.50	-65.22	-50.00	-15.22	Pass
15	QPSK	6SC6	-73.82	8.50	-65.32	-50.00	-15.32	Pass
15	QPSK	12SC0	-73.94	8.50	-65.44	-50.00	-15.44	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)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-59.00	8.50	-50.50	-50.00	-0.50	Pass
3.75	BPSK	1SC47	-58.32	8.50	-49.82	-50.00	0.18	Fail
3.75	QPSK	1SC0	-57.82	8.50	-49.32	-50.00	0.68	Fail
3.75	QPSK	1SC47	-58.75	8.50	-50.25	-50.00	-0.25	Pass
15	BPSK	1SC0	-54.97	8.50	-46.47	-50.00	3.53	Fail
15	BPSK	1SC11	-61.06	8.50	-52.56	-50.00	-2.56	Pass
15	QPSK	1SC0	-55.66	8.50	-47.16	-50.00	2.84	Fail
15	QPSK	1SC11	-56.16	8.50	-47.66	-50.00	2.34	Fail
15	QPSK	3SC0	-57.21	8.50	-48.71	-50.00	1.29	Fail
15	QPSK	3SC9	-54.61	8.50	-46.11	-50.00	3.89	Fail
15	QPSK	6SC0	-55.15	8.50	-46.65	-50.00	3.35	Fail
15	QPSK	6SC6	-58.42	8.50	-49.92	-50.00	0.08	Fail
15	QPSK	12SC0	-57.64	8.50	-49.14	-50.00	0.86	Fail
Zoom in - RBW 1kHz Verify								
SCS (kHz)	Modulation	SC Setting	Measured Conducted Value (dBm/kHz)	Gain (dBi)	Measured EIRP Value (dBm/kHz)	Limit (dBm/kHz)	ΔLimit (dB)	Test Result
3.75	BPSK	1SC0	-	8.50	-	-	-	Pass
3.75	BPSK	1SC47	-74.69	8.50	-66.19	-50.00	-16.19	Pass
3.75	QPSK	1SC0	-71.66	8.50	-63.16	-50.00	-13.16	Pass
3.75	QPSK	1SC47	-	8.50	-	-	-	Pass
15	BPSK	1SC0	-74.32	8.50	-65.82	-50.00	-15.82	Pass
15	BPSK	1SC11	-	8.50	-	-	-	Pass
15	QPSK	1SC0	-74.33	8.50	-65.83	-50.00	-15.83	Pass
15	QPSK	1SC11	-73.34	8.50	-64.84	-50.00	-14.84	Pass
15	QPSK	3SC0	-74.88	8.50	-66.38	-50.00	-16.38	Pass
15	QPSK	3SC9	-74.27	8.50	-65.77	-50.00	-15.77	Pass
15	QPSK	6SC0	-74.97	8.50	-66.47	-50.00	-16.47	Pass
15	QPSK	6SC6	-73.97	8.50	-65.47	-50.00	-15.47	Pass
15	QPSK	12SC0	-75.72	8.50	-67.22	-50.00	-17.22	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.

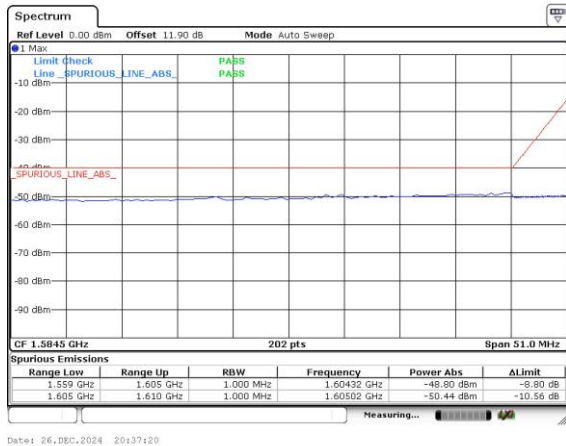


Band 255 SCS 3.75kHz

BPSK

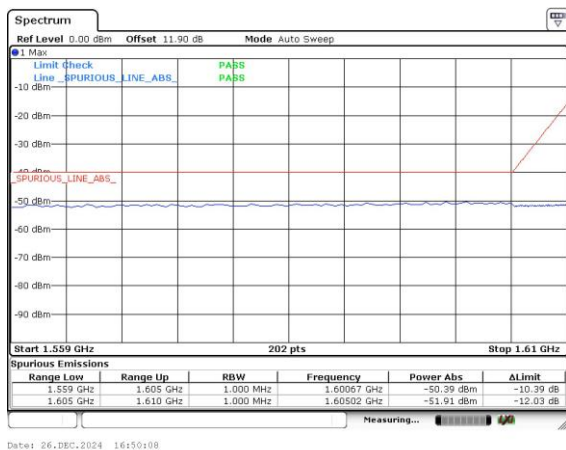
Lowest Channel / 1SC0 Broadband

Lowest Channel / 1SC0 Broadband - Zoom in Verify



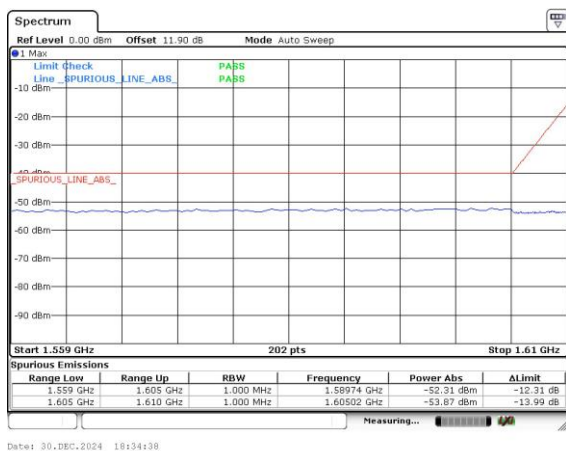
Middle Channel / 1SC0 Broadband

Middle Channel / 1SC0 Broadband - Zoom in Verify



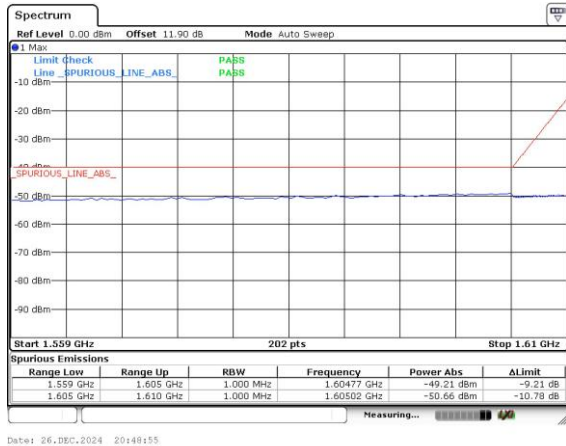
Highest Channel / 1SC0 Broadband

Highest Channel / 1SC0 Broadband - Zoom in Verify



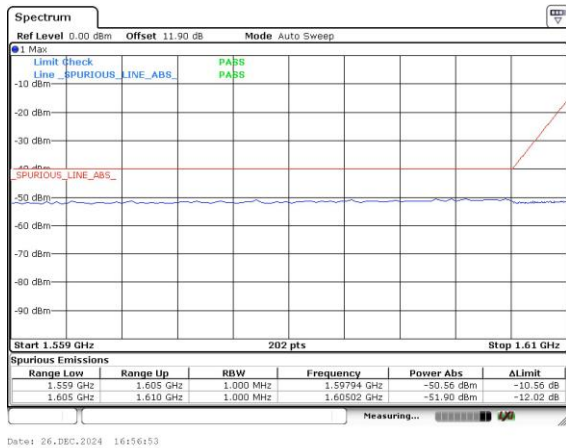


Lowest Channel / 1SC47 Broadband



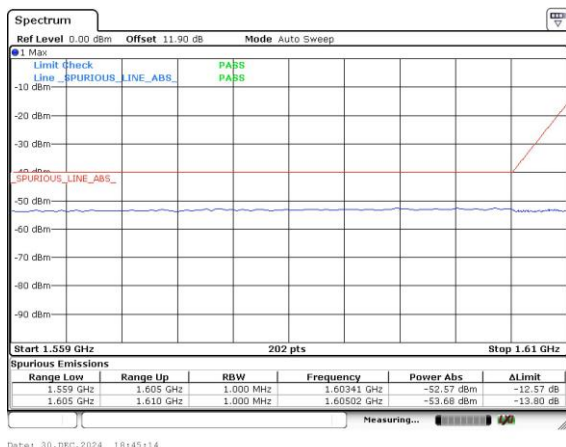
Lowest Channel / 1SC47 Broadband - Zoom in Verify

Middle Channel / 1SC47 Broadband



Middle Channel / 1SC47 Broadband - Zoom in Verify

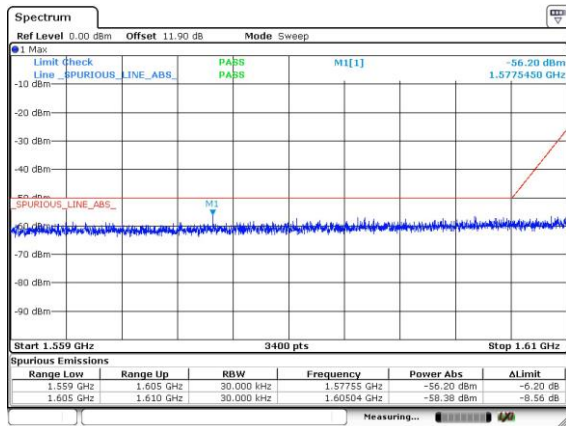
Highest Channel / 1SC47 Broadband



Highest Channel / 1SC47 Broadband - Zoom in Verify

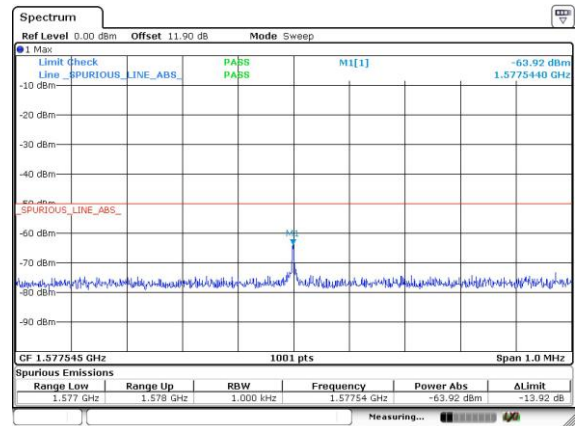


Lowest Channel / 1SC0 Discrete



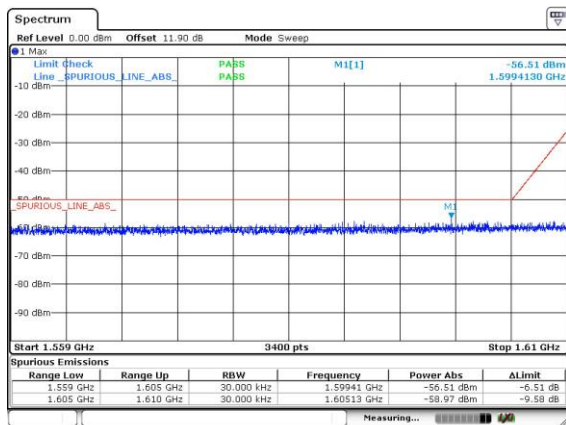
Date: 31.DEC.2024 15:36:42

Lowest Channel / 1SC0 Discrete - Zoom in Verify



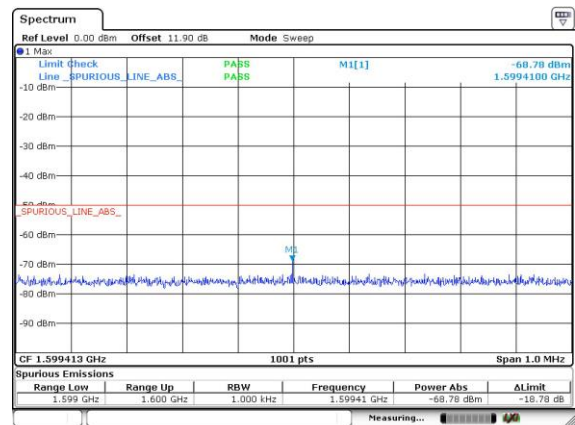
Date: 31.DEC.2024 15:37:43

Middle Channel / 1SC0 Discrete



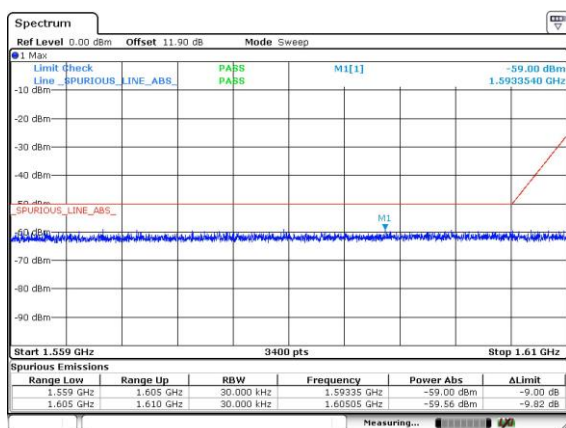
Date: 26.DEC.2024 16:15:29

Middle Channel / 1SC0 Discrete - Zoom in Verify



Date: 26.DEC.2024 16:15:15

Highest Channel / 1SC0 Discrete



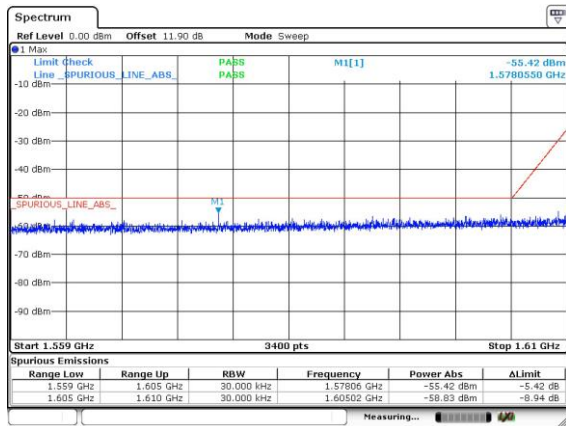
Date: 30.DEC.2024 18:36:52

Highest Channel / 1SC0 Discrete - Zoom in Verify

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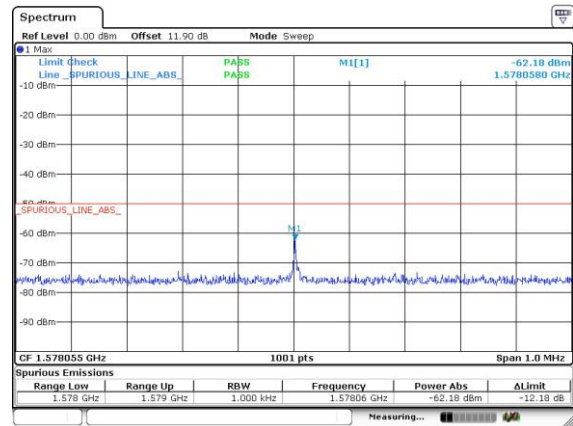


Lowest Channel / 1SC47 Discrete



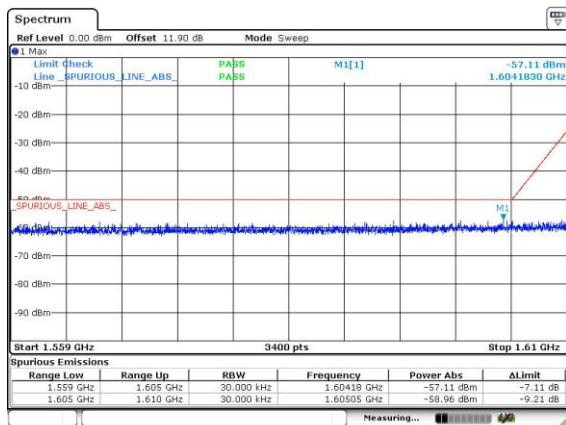
Date: 26.DEC.2024 20:50:44

Lowest Channel / 1SC47 Discrete - Zoom in Verify



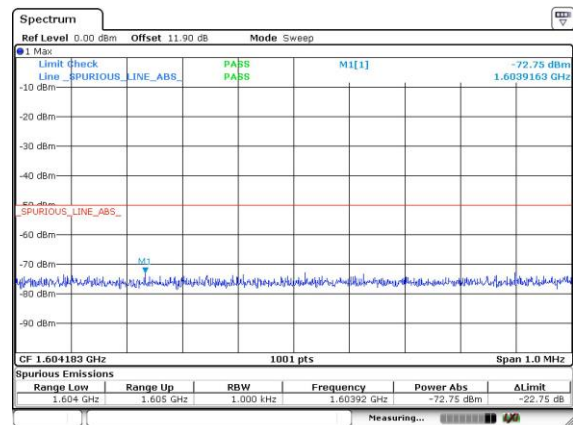
Date: 26.DEC.2024 20:52:46

Middle Channel / 1SC47 Discrete



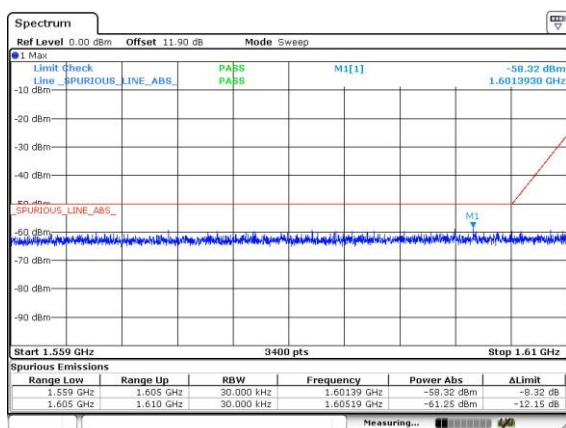
Date: 26.DEC.2024 17:03:18

Middle Channel / 1SC47 Discrete - Zoom in Verify



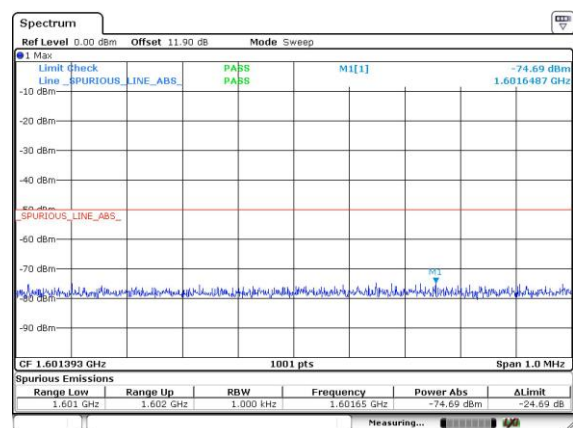
Date: 26.DEC.2024 17:04:22

Highest Channel / 1SC47 Discrete



Date: 30.DEC.2024 18:47:47

Highest Channel / 1SC47 Discrete - Zoom in Verify



Date: 30.DEC.2024 18:48:54

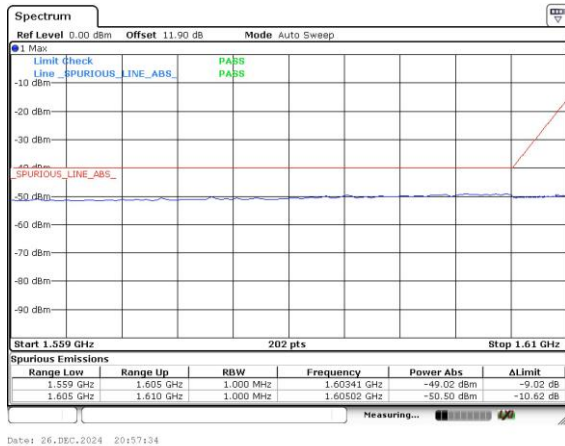


Band 255 SCS 3.75kHz

QPSK

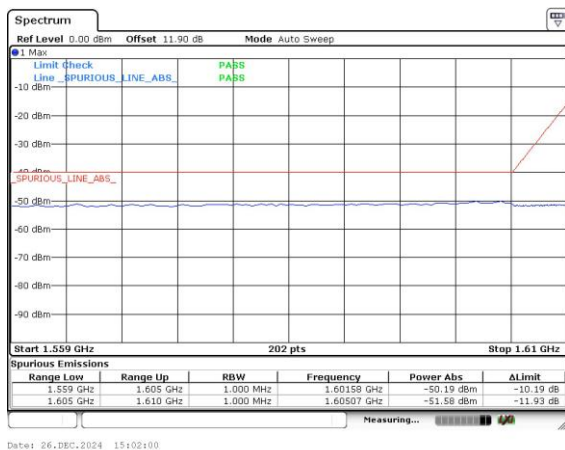
Lowest Channel / 1SC0 Broadband

Lowest Channel / 1SC0 Broadband - Zoom in Verify



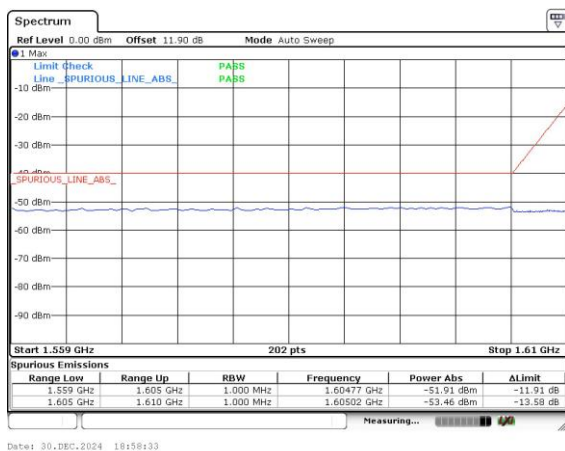
Middle Channel / 1SC0 Broadband

Middle Channel / 1SC0 Broadband - Zoom in Verify



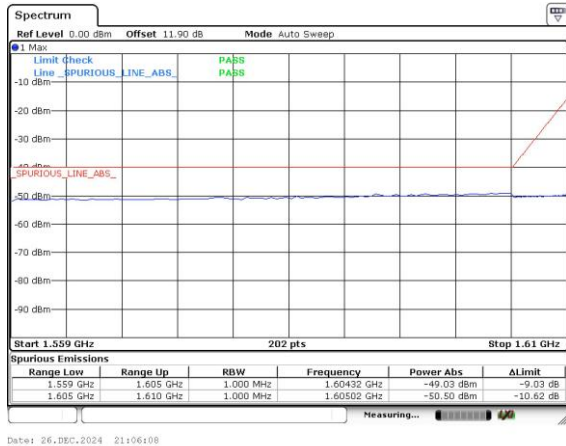
Highest Channel / 1SC0 Broadband

Highest Channel / 1SC0 Broadband - Zoom in Verify



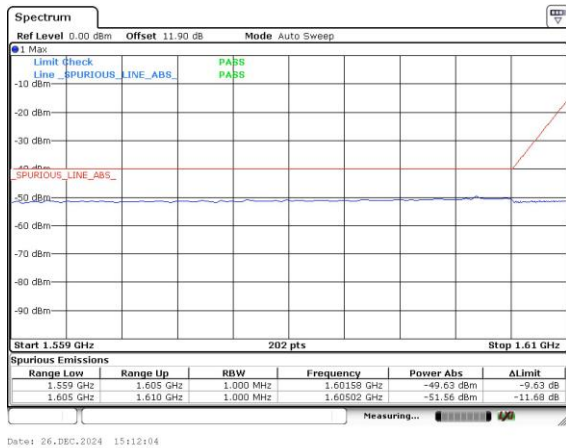


Lowest Channel / 1SC47 Broadband



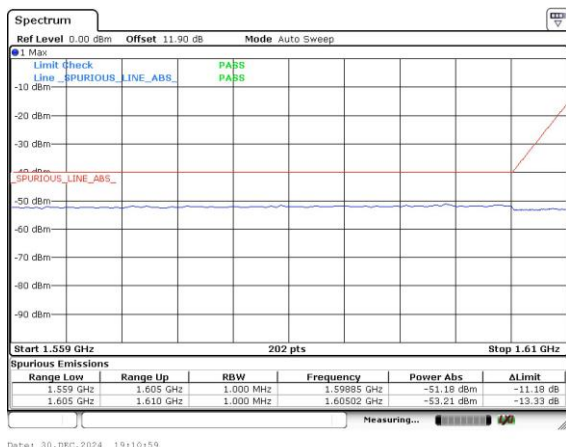
Lowest Channel / 1SC47 Broadband - Zoom in Verify

Middle Channel / 1SC47 Broadband



Middle Channel / 1SC47 Broadband - Zoom in Verify

Highest Channel / 1SC47 Broadband



Highest Channel / 1SC47 Broadband - Zoom in Verify