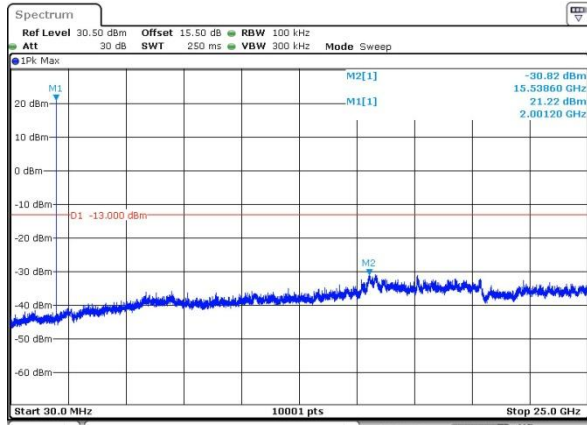




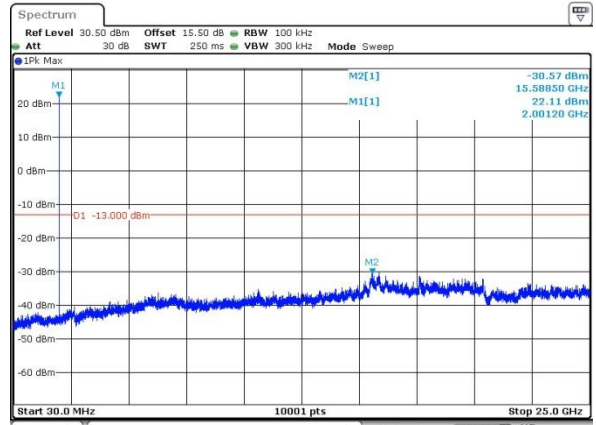
Band 23 SCS 15kHz

Lowest Channel / 1SC0 / BPSK



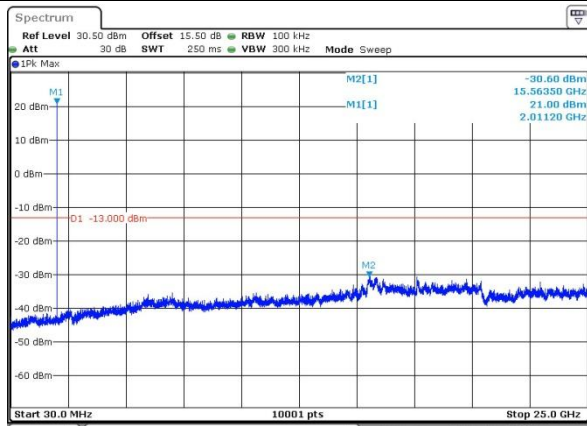
Date: 24.AUG.2026 16:57:56

Lowest Channel / 1SC0 / QPSK



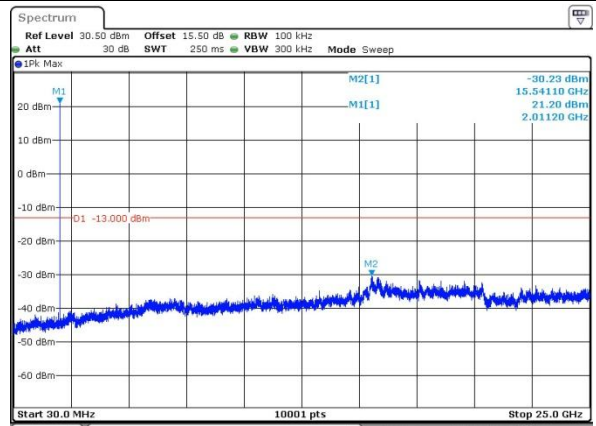
Date: 24.AUG.2026 16:59:45

Middle Channel / 1SC0 / BPSK



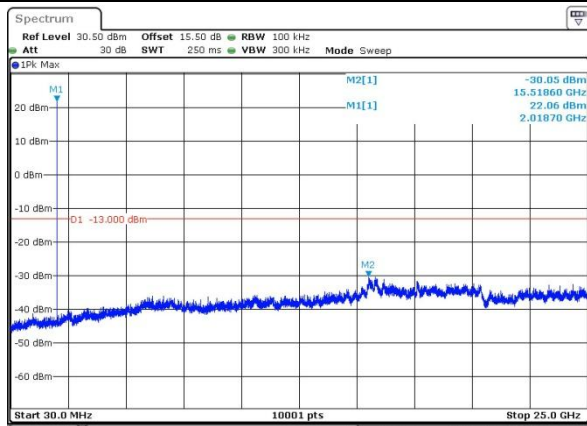
Date: 24.AUG.2026 17:05:38

Middle Channel / 1SC0 / QPSK



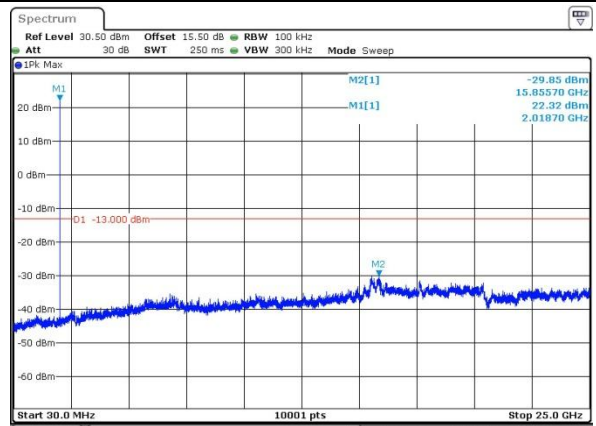
Date: 24.AUG.2026 17:06:05

Highest Channel / 1SC0 / BPSK



Date: 24.AUG.2026 17:10:34

Highest Channel / 1SC0 / QPSK



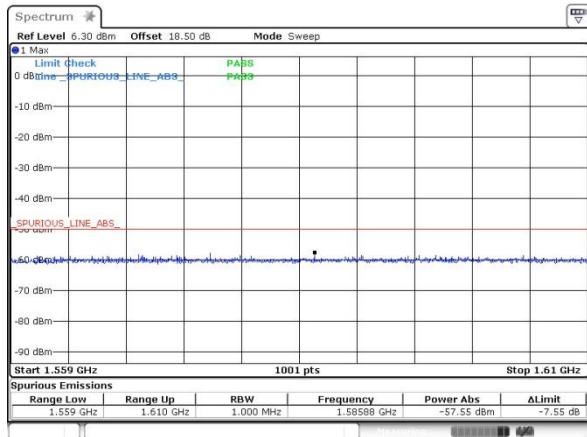
Date: 24.AUG.2026 17:12:02

**Emission limits for protection of aeronautical service**

Band 23 SCS 3.75kHz

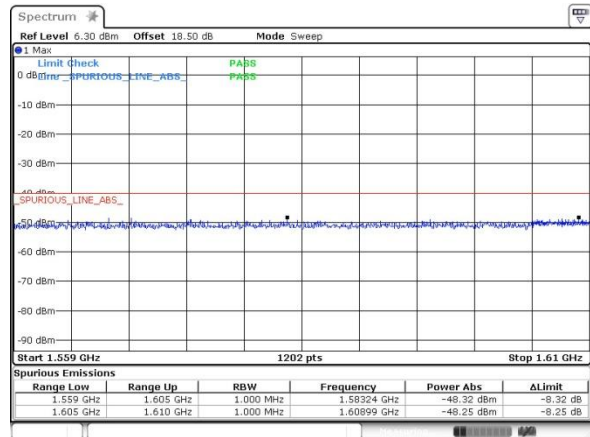
BPSK

Lowest Channel / 1SC0 Carrier off



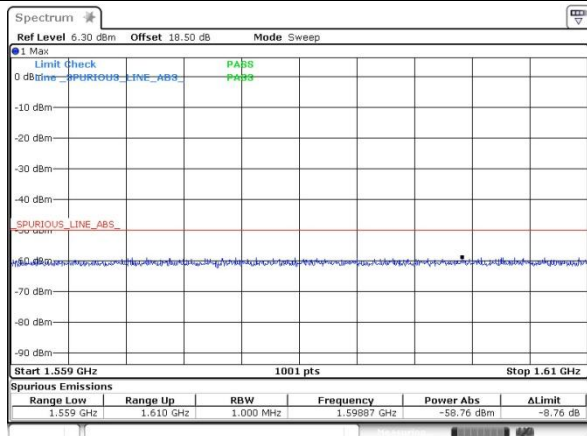
Date: 24.M03.2026 16:39:33

Lowest Channel / 1SC0 Carrier on



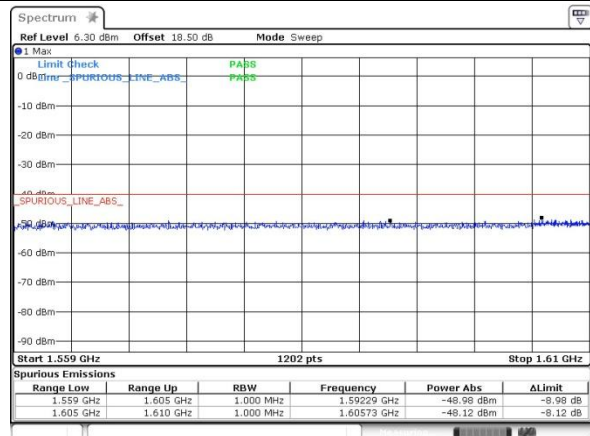
Date: 24.M03.2026 16:34:15

Middle Channel / 1SC0 Carrier off



Date: 24.M03.2026 16:38:55

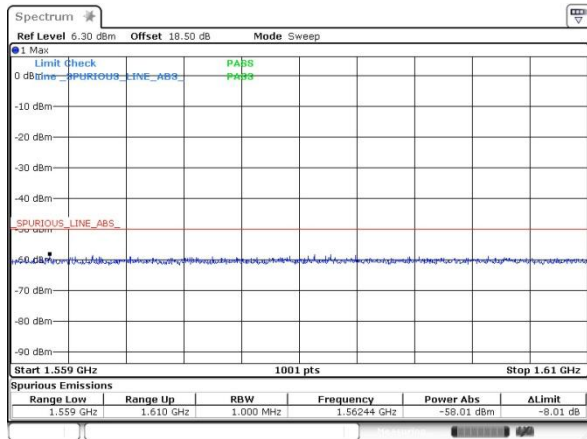
Middle Channel / 1SC0 Carrier on



Date: 24.M03.2026 16:35:34

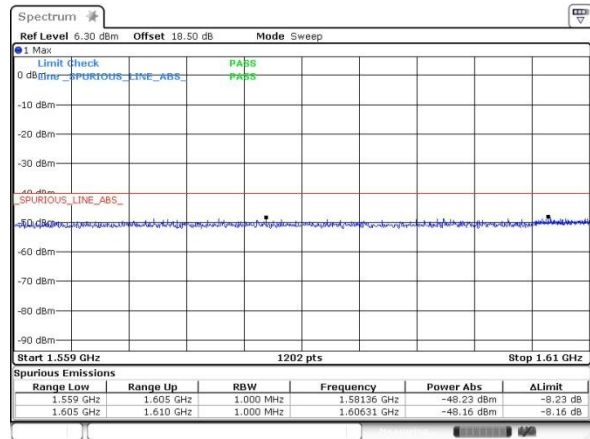


Highest Channel / 1SC0 Carrier off



Date: 24.AUG.2026 16:38:44

Highest Channel / 1SC0 Carrier on



Date: 24.AUG.2026 16:35:50

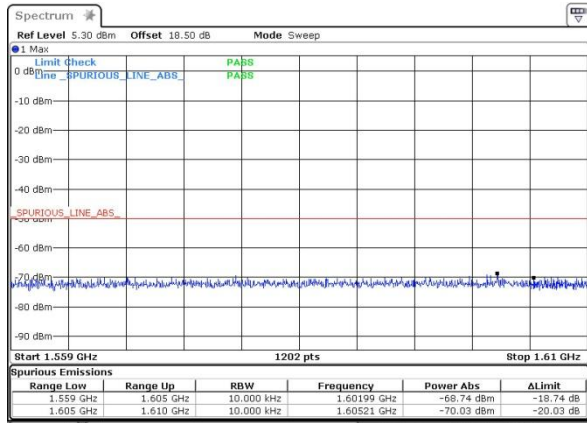


Band 23 SCS 3.75kHz

BPSK

Lowest Channel / 1SC0 Discrete

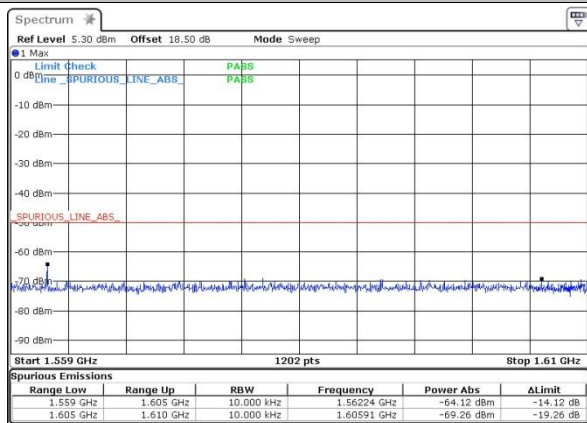
N/A



Date: 24.AUG.2026 16:33:17

Middle Channel / 1SC0 Discrete

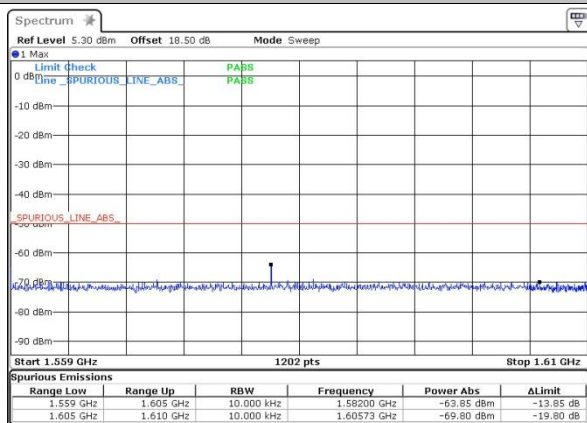
N/A



Date: 24.AUG.2026 16:32:24

Highest Channel / 1SC0 Discrete

N/A



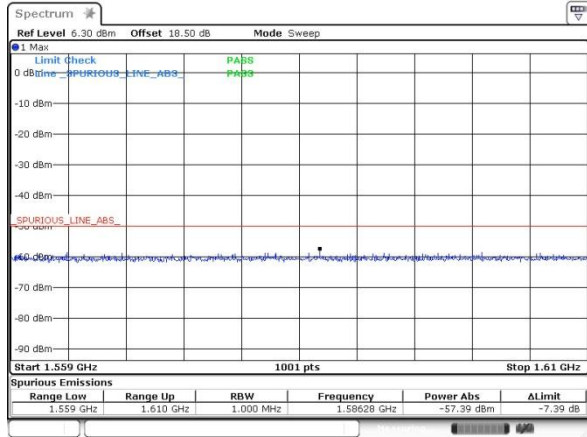
Date: 24.AUG.2026 16:31:47



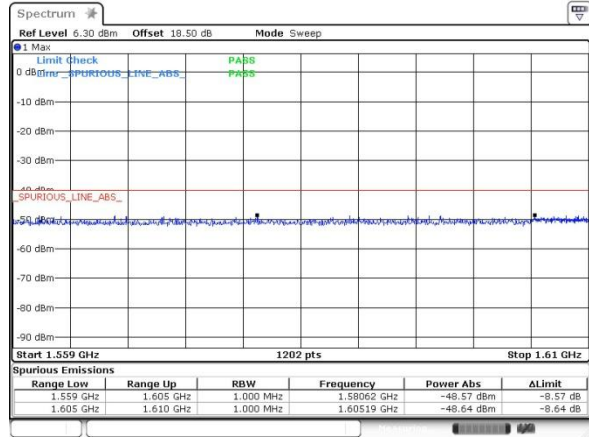
Band 23 SCS 3.75kHz

QPSK

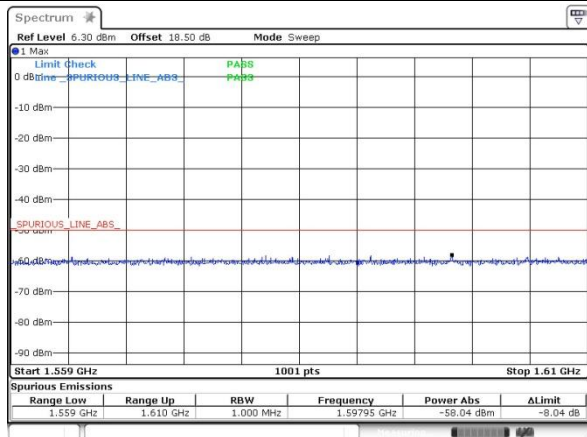
Lowest Channel / 1SC0 Carrier off



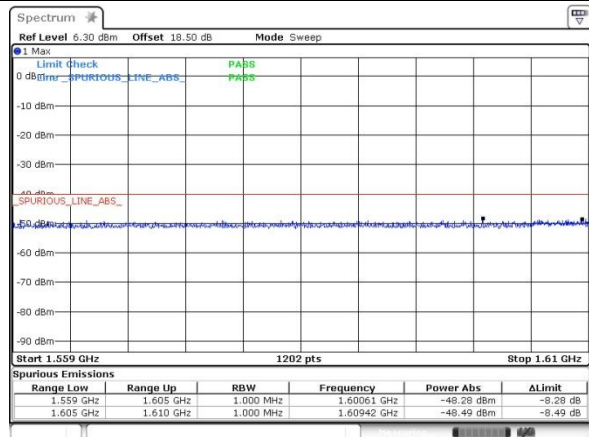
Lowest Channel / 1SC0 Carrier on



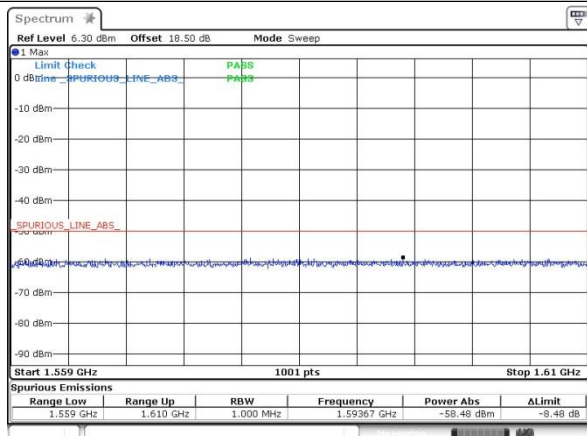
Middle Channel / 1SC0 Carrier off



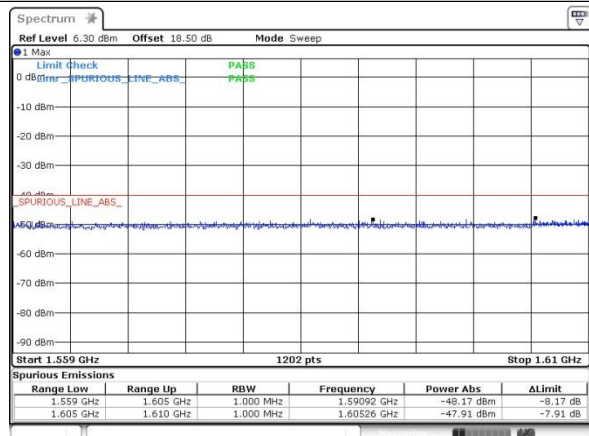
Middle Channel / 1SC0 Carrier on



Highest Channel / 1SC0 Carrier off



Highest Channel / 1SC0 Carrier on



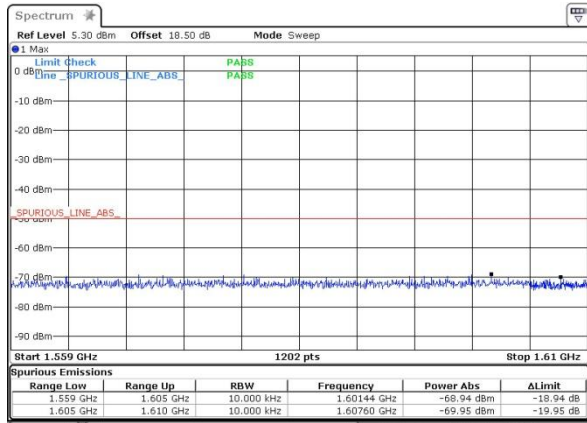


Band 23 SCS 3.75kHz

QPSK

Lowest Channel / 1SC0 Discrete

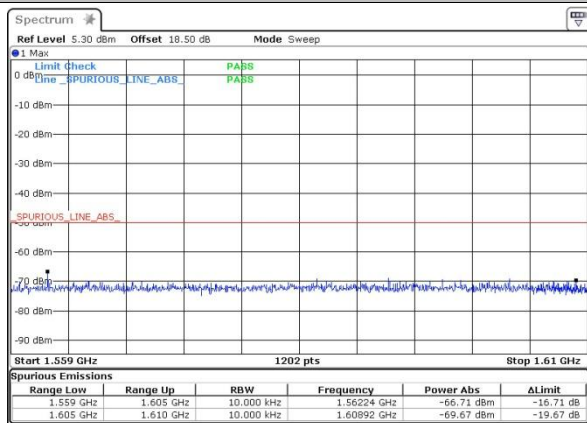
N/A



Date: 24.AUG.2026 16:33:02

Middle Channel / 1SC0 Discrete

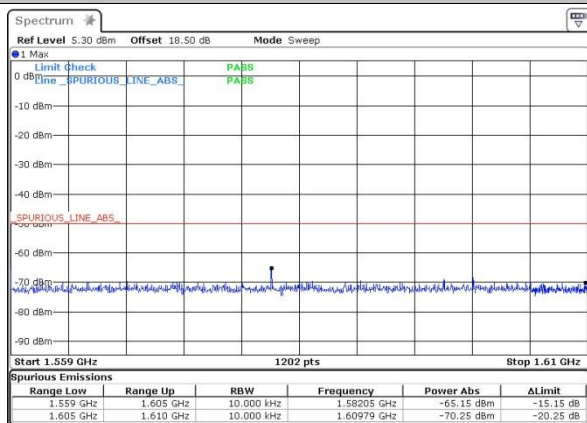
N/A



Date: 24.AUG.2026 16:32:40

Highest Channel / 1SC0 Discrete

N/A



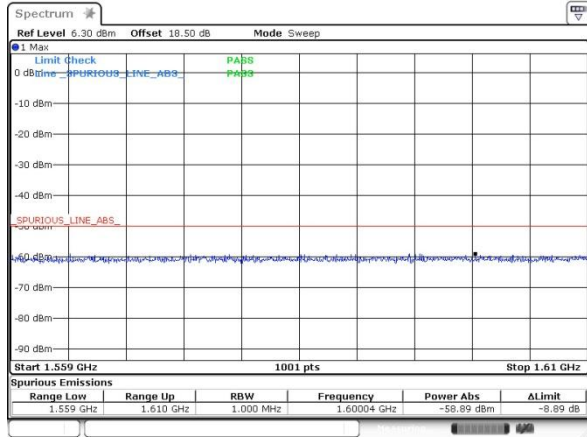
Date: 24.AUG.2026 16:31:18



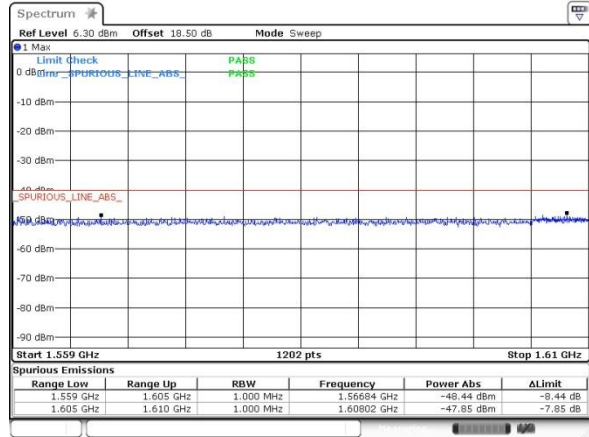
Band 23 SCS 15kHz

BPSK

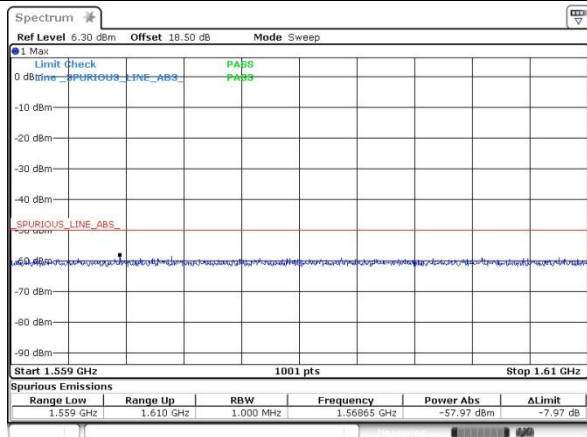
Lowest Channel / 1SC0 Carrier off



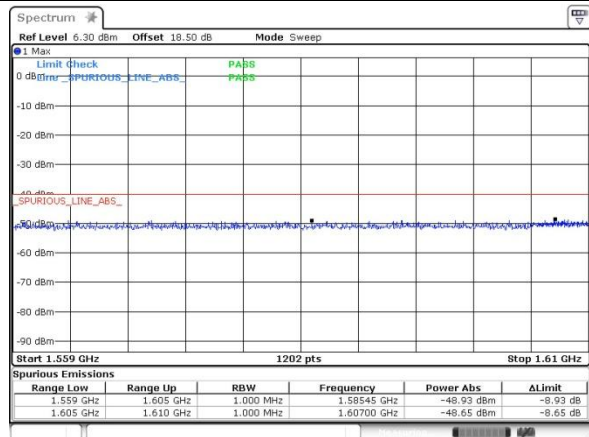
Lowest Channel / 1SC0 Carrier on



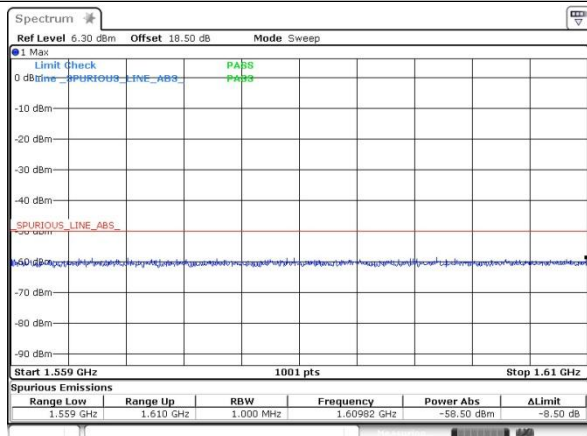
Middle Channel / 1SC0 Carrier off



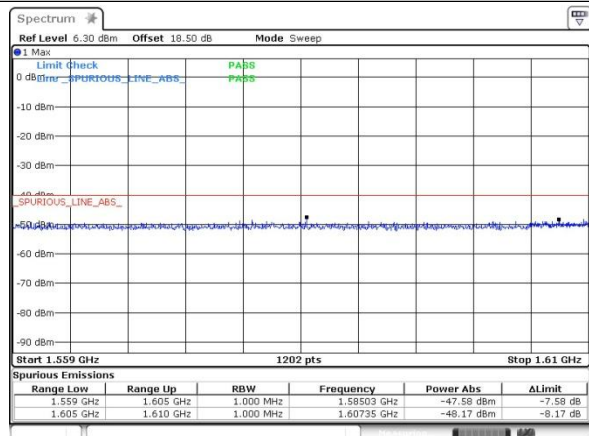
Middle Channel / 1SC0 Carrier on



Highest Channel / 1SC0 Carrier off



Highest Channel / 1SC0 Carrier on



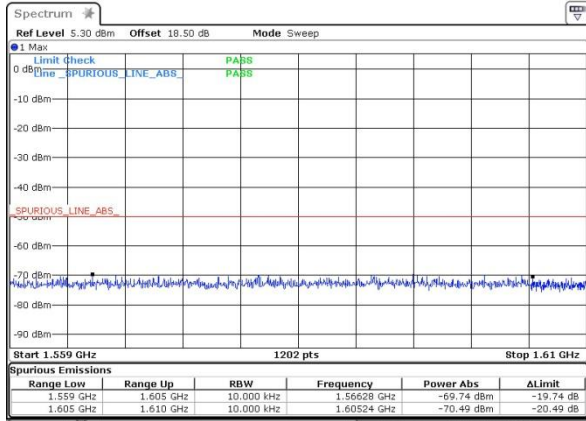


Band 23 SCS 15kHz

BPSK

Lowest Channel / 1SC0 Discrete

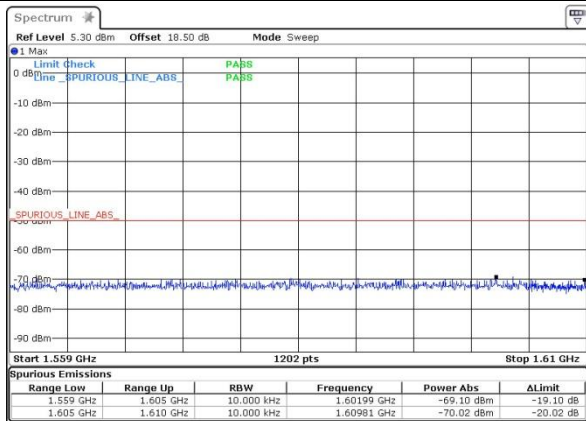
N/A



Date: 24.AUG.2026 17:15:15

Middle Channel / 1SC0 Discrete

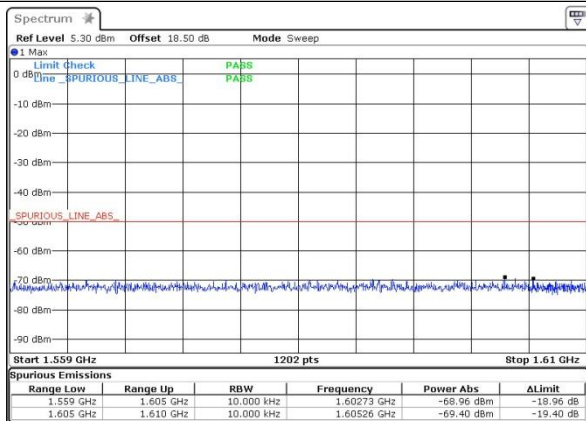
N/A



Date: 24.AUG.2026 17:16:08

Highest Channel / 1SC0 Discrete

N/A



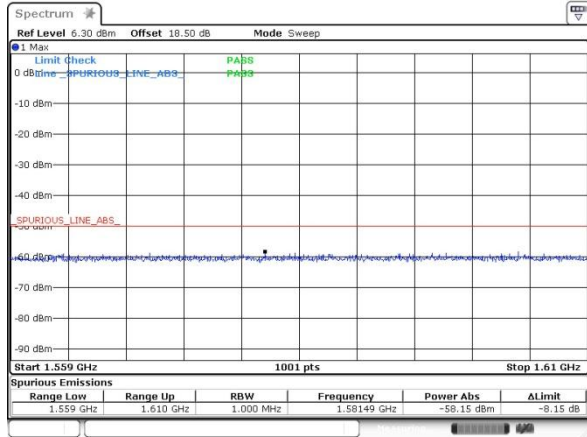
Date: 24.AUG.2026 17:14:48



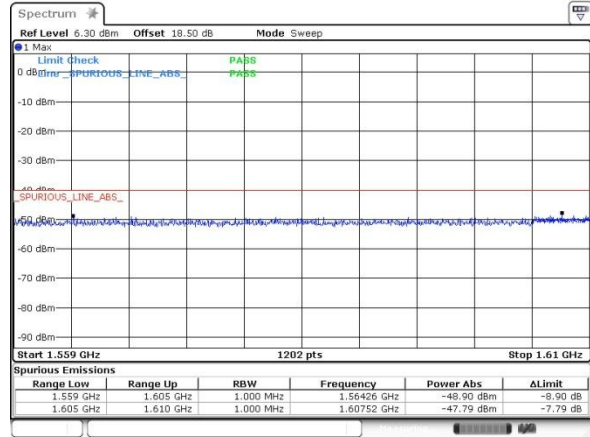
Band 23 SCS 15kHz

QPSK

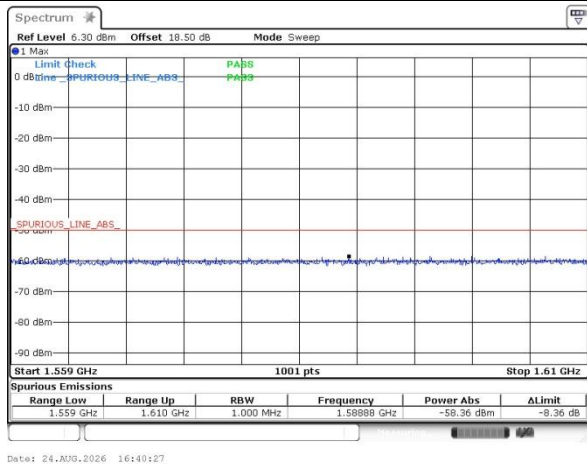
Lowest Channel / 1SC0 Carrier off



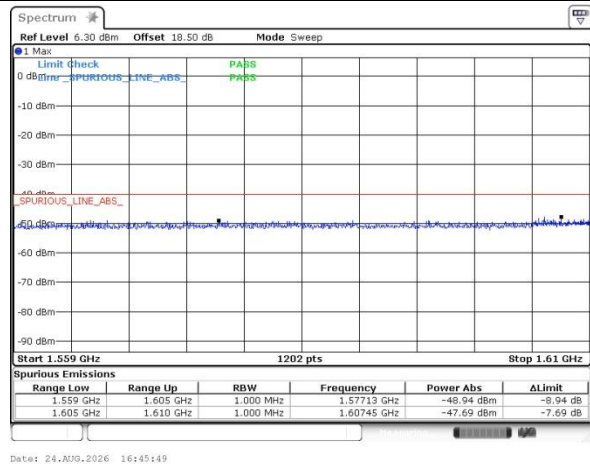
Lowest Channel / 1SC0 Carrier on



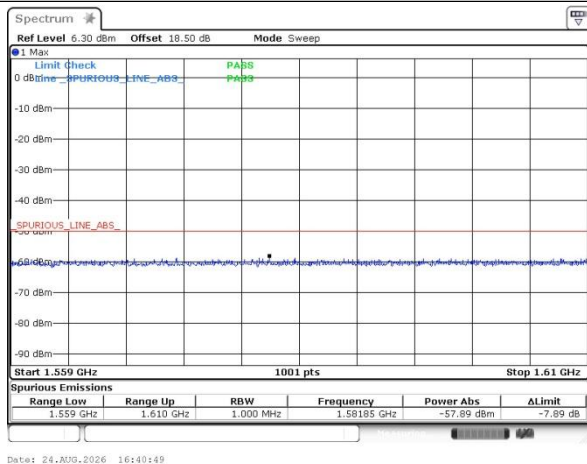
Middle Channel / 1SC0 Carrier off



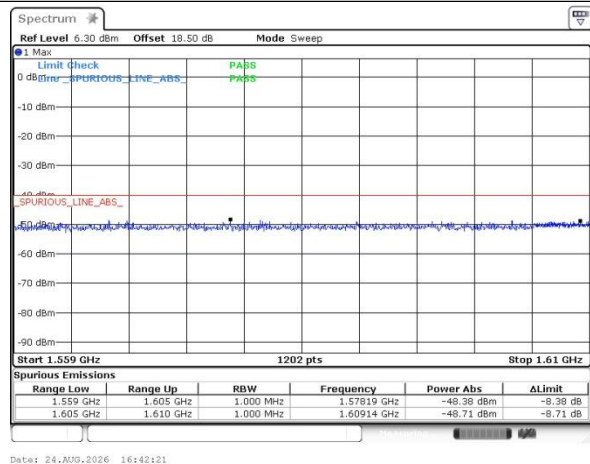
Middle Channel / 1SC0 Carrier on



Highest Channel / 1SC0 Carrier off



Highest Channel / 1SC0 Carrier on



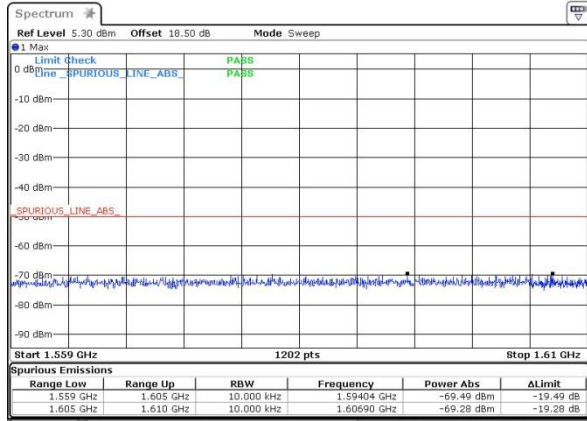


Band 23 SCS 15kHz

QPSK

Lowest Channel / 1SC0 Discrete

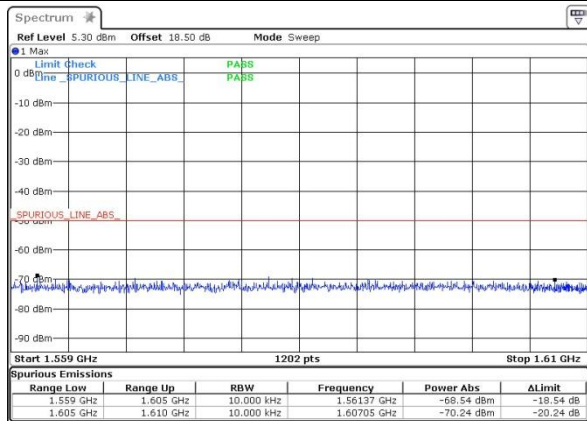
N/A



Date: 24.AUG.2026 17:15:29

Middle Channel / 1SC0 Discrete

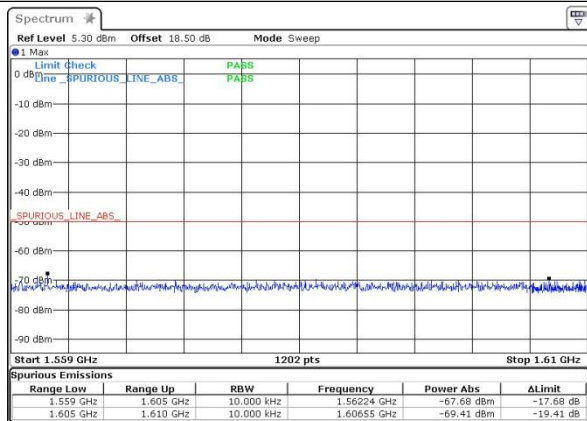
N/A



Date: 24.AUG.2026 17:15:56

Highest Channel / 1SC0 Discrete

N/A



Date: 24.AUG.2026 17:14:34

Frequency Stability

Test Conditions		Band 23(QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	SCS 15KHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	2.5	PASS
40	Normal Voltage	3.3	
30	Normal Voltage	2.4	
20(Ref.)	Normal Voltage	3.3	
10	Normal Voltage	3.2	
0	Normal Voltage	4.1	
-10	Normal Voltage	2.8	
-20	Normal Voltage	2.9	
-30	Normal Voltage	3.6	
20	Maximum Voltage	2.5	
20	Normal Voltage	3.3	
20	Minimum Voltage	3.5	

Note:

1. Normal Voltage =3.3 V. ; Minimum Voltage =3.14 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

$$\text{MAX}(\Delta f) = 4.1 \text{ Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2000.008824	$\geq 2000\text{MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2019.996965	$\leq 2020\text{MHz}$	

Band 255

Conducted Output power (Average power) and EIRP

Band 255 SCS 3.75kHz								Limit
Test Channel	Test Frequency (MHz)	SC Size	Conducted Power (dBm)		Antenna Gain (dBi)	EIRP Power (dBm)		Result
			BPSK	QPSK		BPSK	QPSK	
CH261507	1626.8	1SC0	23.02	23.05	3	26.02	26.05	PASS
		1SC47	23.08	23.11	3	26.08	26.11	
CH261674	1643.5	1SC0	23.21	23.31	3	26.21	26.31	
		1SC47	23.26	23.34	3	26.26	26.34	
CH261843	1660.4	1SC0	23.13	23.18	3	26.13	26.18	
		1SC47	23.19	23.24	3	26.19	26.24	



Band 255 SCS 15kHz								Limit
Test Channel	Test Frequency (MHz)	SC Size	Conducted Power (dBm)		Antenna Gain (dBi)	EIRP Power (dBm)		Result
			BPSK	QPSK		BPSK	QPSK	
CH261507	1626.8	1SC0	22.66	22.52	3	25.66	25.52	PASS
		1SC11	22.71	22.51	3	25.71	25.51	
		3SC0	-	22.16	3	-	25.16	
		3SC9	-	22.18	3	-	25.18	
		6SC0	-	22.22	3	-	25.22	
		6SC6	-	22.32	3	-	25.32	
		12SC0	-	22.27	3	-	25.27	
CH261674	1643.5	1SC0	22.94	22.76	3	25.94	25.76	
		1SC11	22.89	22.73	3	25.89	25.73	
		3SC0	-	22.35	3	-	25.35	
		3SC9	-	22.48	3	-	25.48	
		6SC0	-	22.47	3	-	25.47	
		6SC6	-	22.51	3	-	25.51	
		12SC0	-	22.55	3	-	25.55	
CH261843	1660.4	1SC0	22.89	22.82	3	25.89	25.82	
		1SC11	22.96	22.78	3	25.96	25.78	
		3SC0	-	22.35	3	-	25.35	
		3SC9	-	22.44	3	-	25.44	
		6SC0	-	22.52	3	-	25.52	
		6SC6	-	22.59	3	-	25.59	
		12SC0	-	22.48	3	-	25.48	

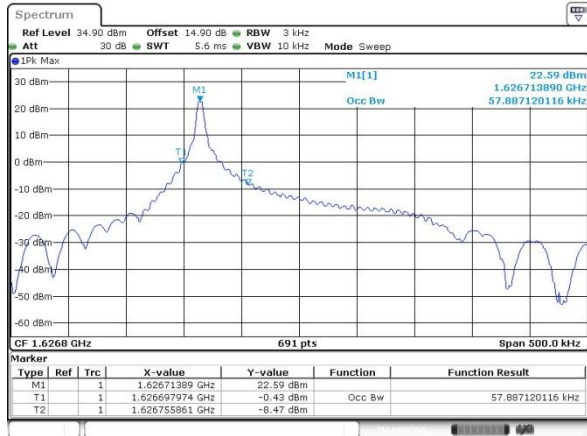
Occupied Bandwidth

Mode	Band 255 : 99%OBW(kHz)						
SCS	3.75kHz		15kHz				
Mod.	BPSK	QPSK	BPSK	QPSK	QPSK	QPSK	QPSK
SC Size	1SC	1SC	1SC	1SC	3SC	6SC	12SC
Lowest CH	57.89	69.46	128.08	126.63	115.05	156.30	184.52
Middle CH	56.44	69.46	125.90	120.84	117.22	145.44	184.52
Highest CH	57.89	69.46	126.63	126.63	114.33	154.12	191.75

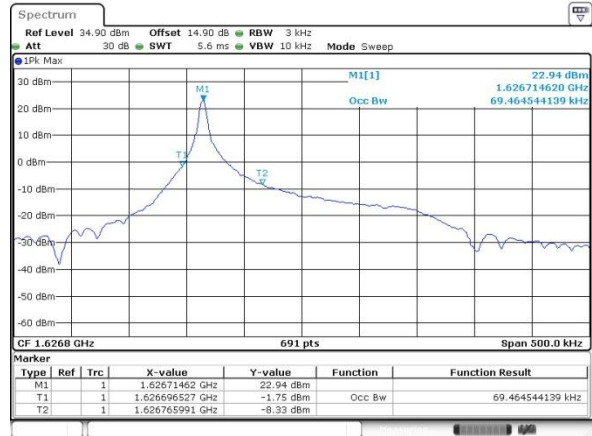


Band 255 SCS 3.75kHz

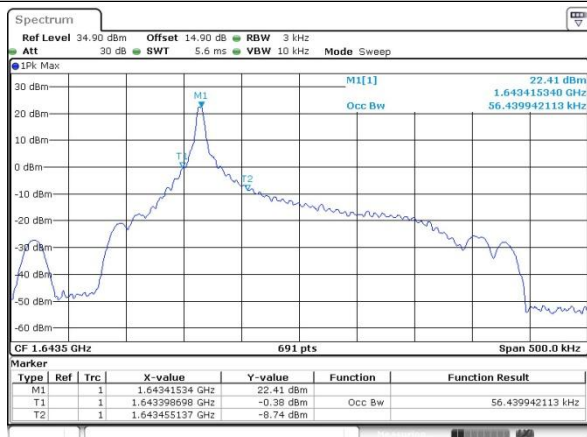
Lowest Channel / 1SC / BPSK



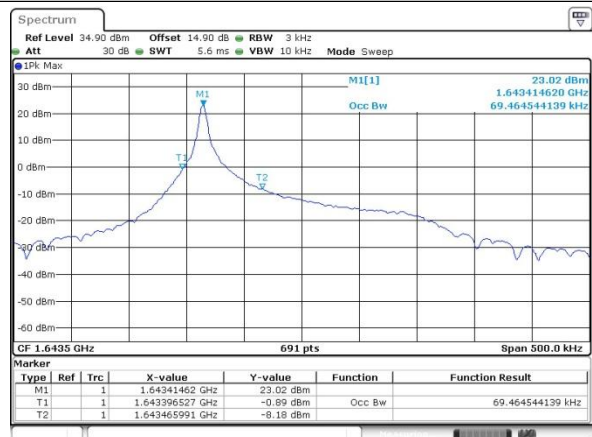
Lowest Channel / 1SC / QPSK



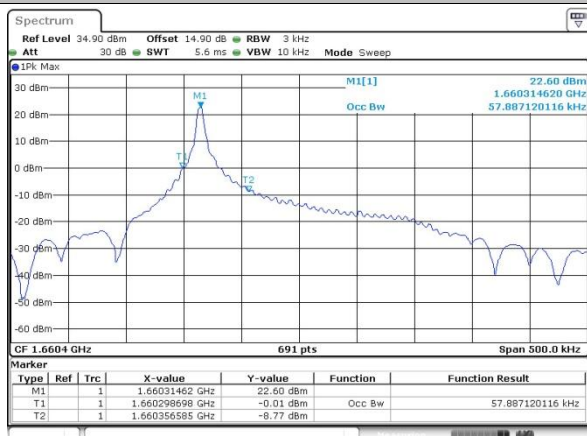
Middle Channel / 1SC / BPSK



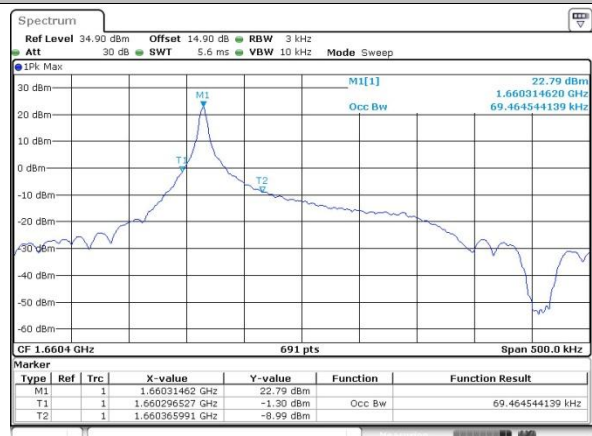
Middle Channel / 1SC / QPSK



Highest Channel / 1SC / BPSK



Highest Channel / 1SC / QPSK



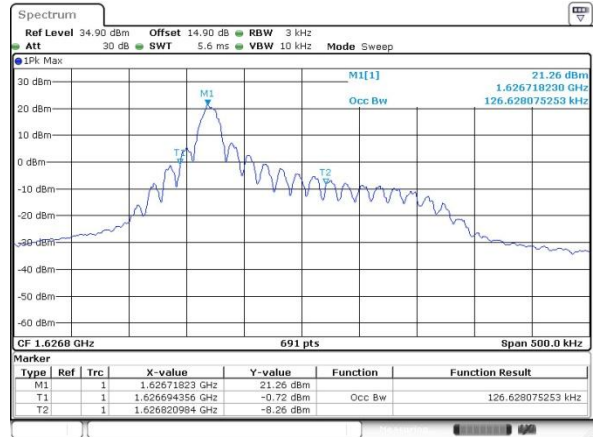


Band 255 SCS 15kHz

Lowest Channel / 1SC / BPSK



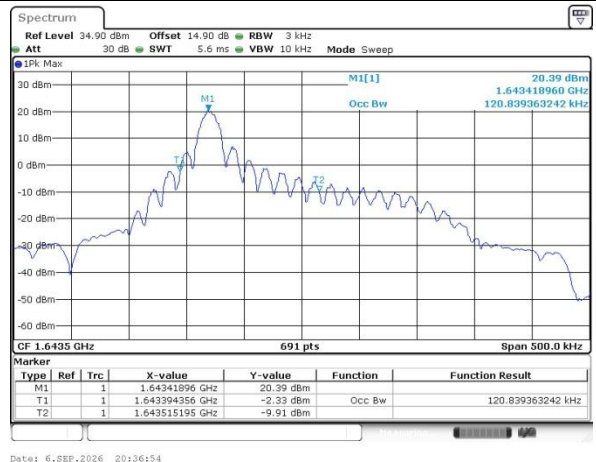
Lowest Channel / 1SC / QPSK



Middle Channel / 1SC / BPSK



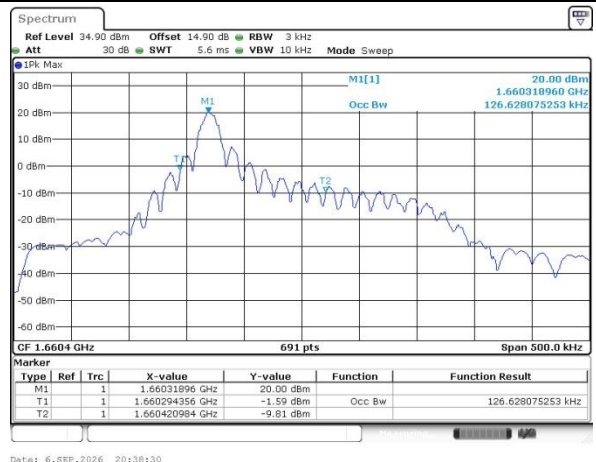
Middle Channel / 1SC / QPSK



Highest Channel / 1SC / BPSK



Highest Channel / 1SC / QPSK



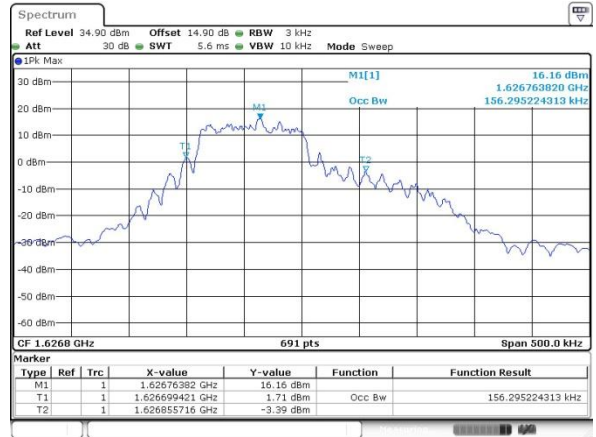


Band 255 SCS 15kHz

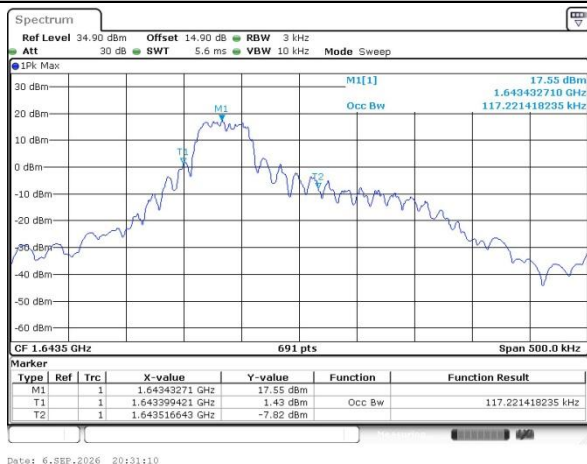
Lowest Channel / 3SC / QPSK



Lowest Channel / 6SC / QPSK



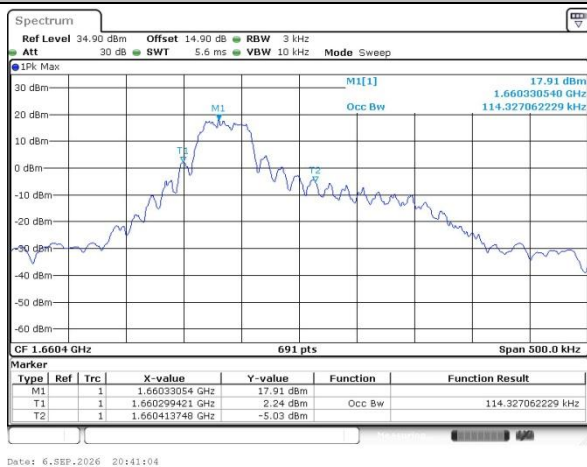
Middle Channel / 3SC / QPSK



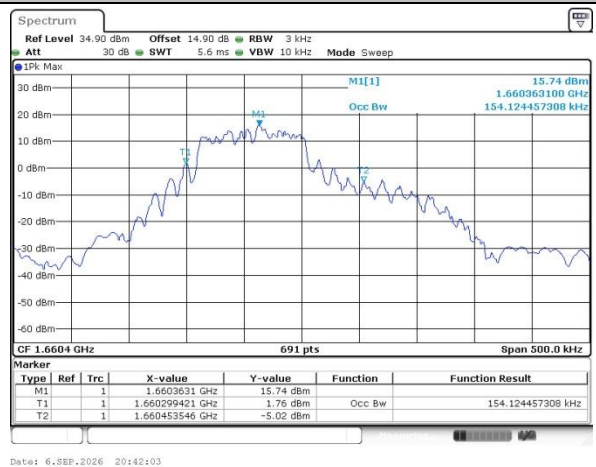
Middle Channel / 6SC / QPSK



Highest Channel / 3SC / QPSK



Highest Channel / 6SC / QPSK

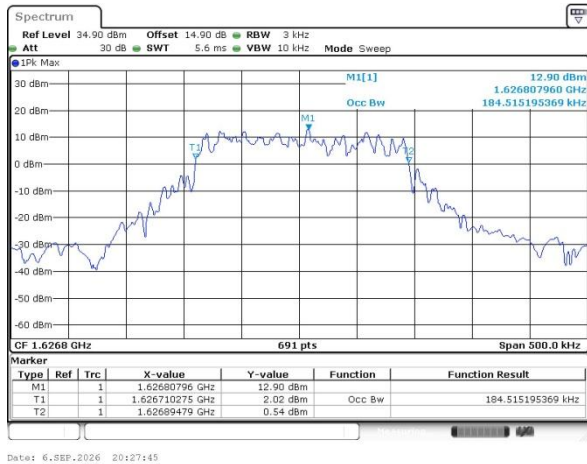




Band 255 SCS 15KHz

Lowest Channel / 12SC / QPSK

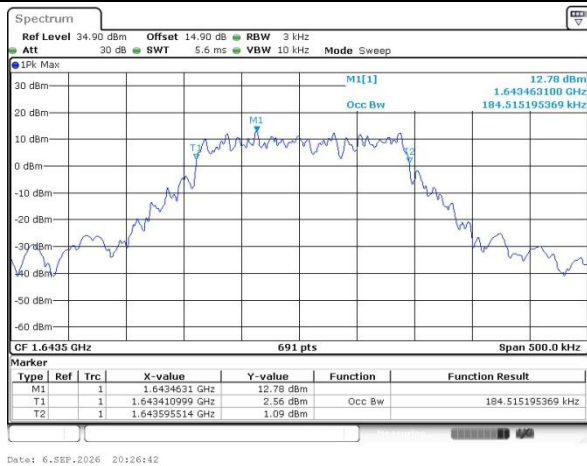
N/A



N/A

Middle Channel / 12SC / QPSK

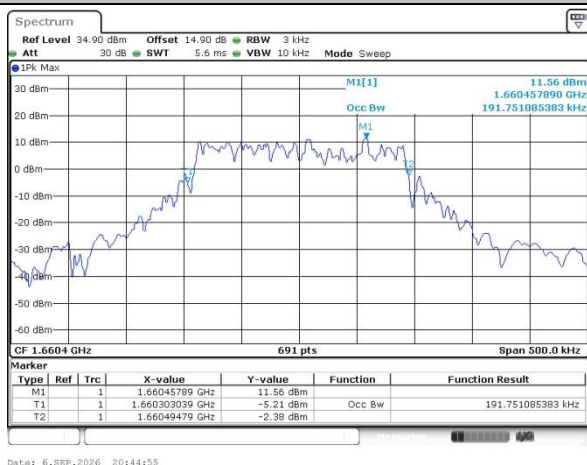
N/A



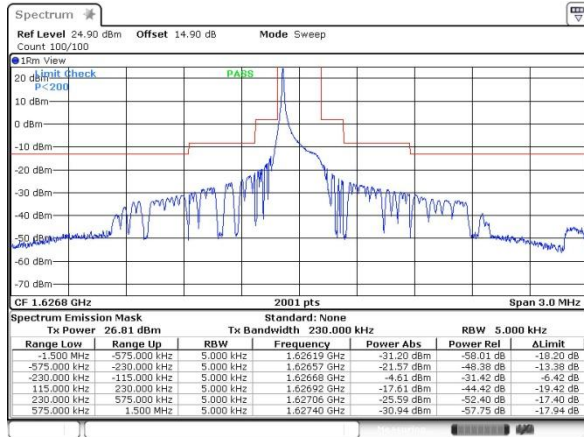
N/A

Highest Channel / 12SC / QPSK

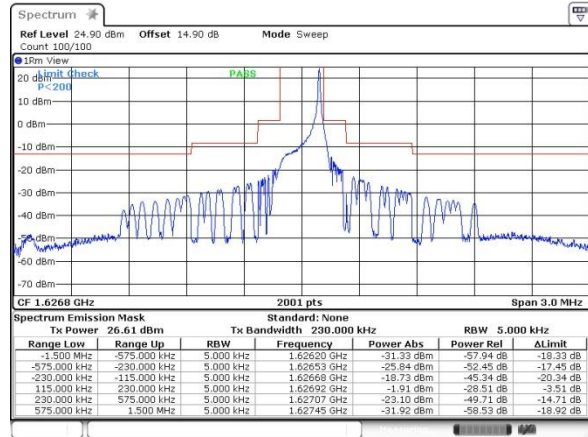
N/A



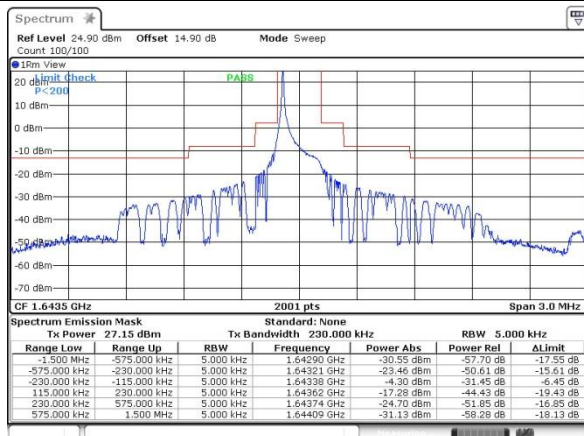
N/A

**MASK****Band 255 SCS 3.75kHz****Lowest Channel / 1SC0 / BPSK**

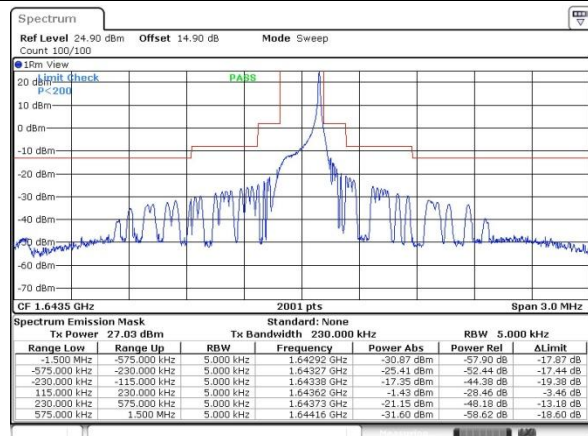
Date: 24.AUG.2026 22:40:46

Lowest Channel / 1SC47 / BPSK

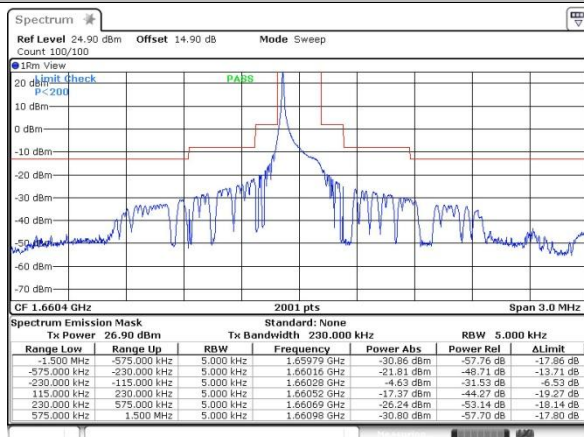
Date: 24.AUG.2026 22:43:13

Middle Channel / 1SC0 / BPSK

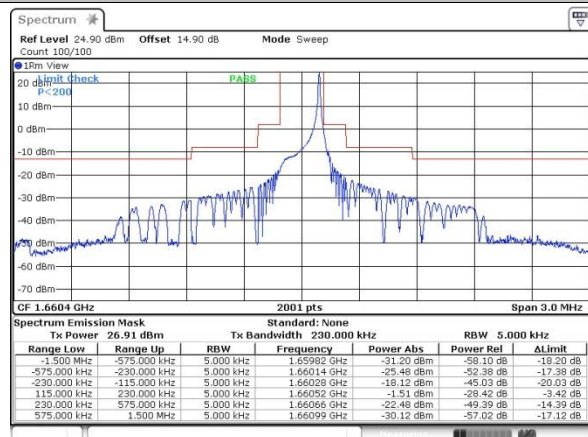
Date: 24.AUG.2026 22:28:46

Middle Channel / 1SC47 / BPSK

Date: 24.AUG.2026 22:21:09

Highest Channel / 1SC0 / BPSK

Date: 24.AUG.2026 21:52:13

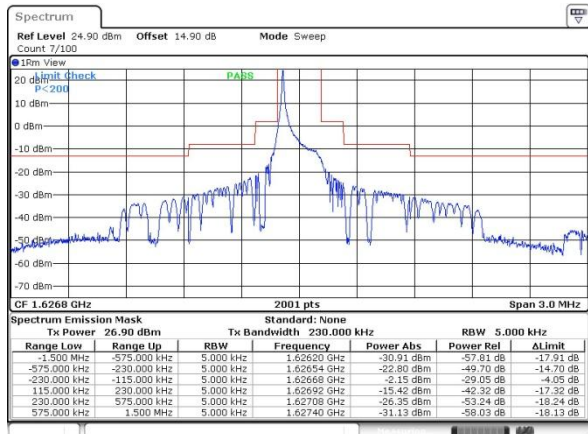
Highest Channel / 1SC47 / BPSK

Date: 24.AUG.2026 22:04:01



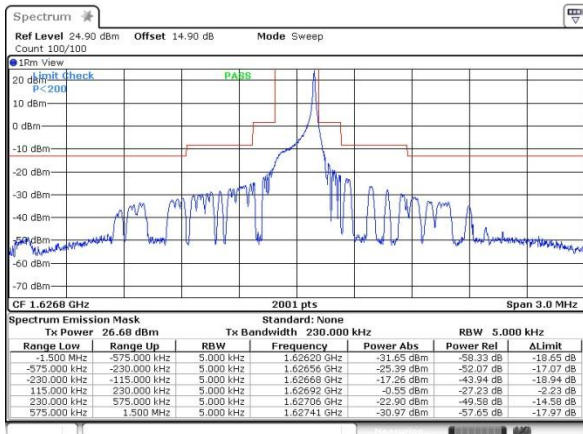
Band 255 SCS 3.75kHz

Lowest Channel / 1SC0 / QPSK



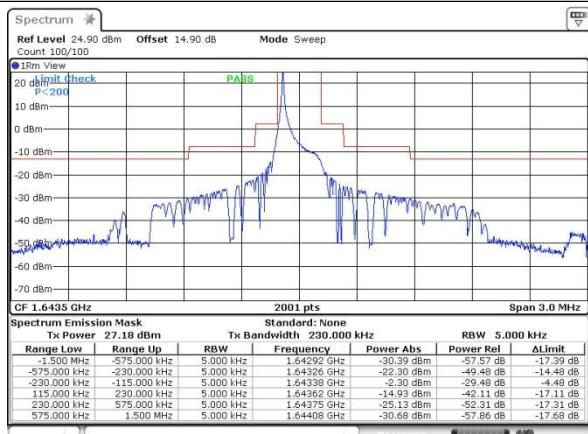
Date: 24.AUG.2026 22:37:05

Lowest Channel / 1SC47 / QPSK



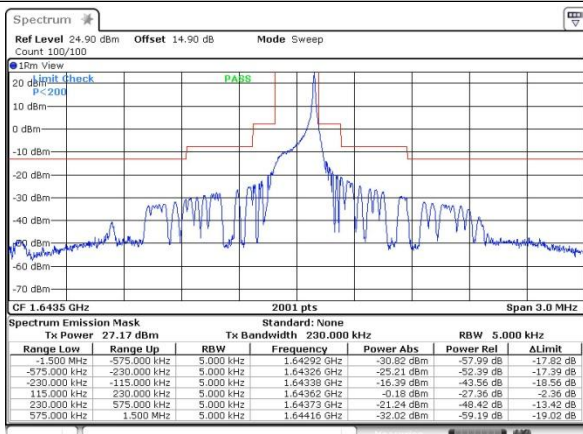
Date: 24.AUG.2026 22:46:05

Middle Channel / 1SC0 / QPSK



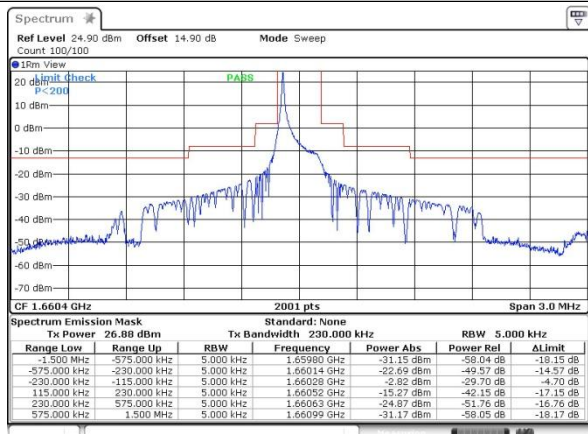
Date: 24.AUG.2026 22:32:58

Middle Channel / 1SC47 / QPSK



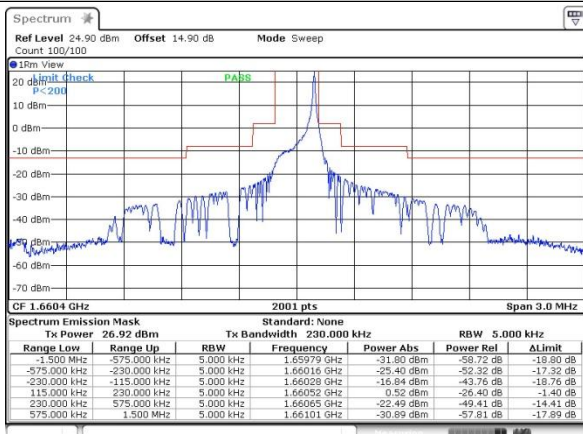
Date: 24.AUG.2026 22:24:51

Highest Channel / 1SC0 / QPSK



Date: 24.AUG.2026 21:56:33

Highest Channel / 1SC47 / QPSK

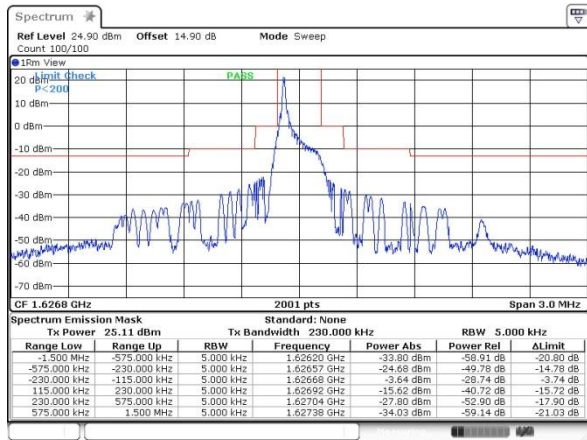


Date: 24.AUG.2026 22:00:36

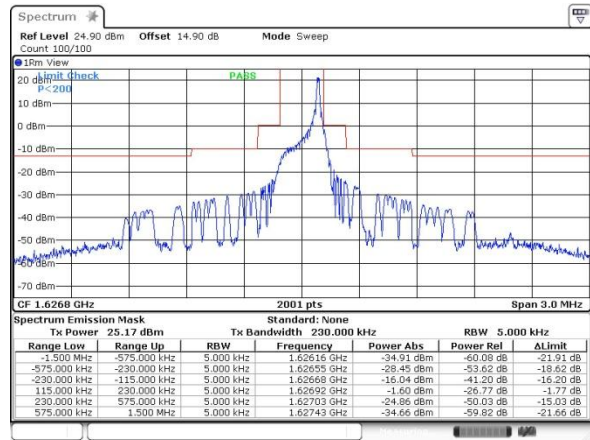


Band 255 SCS 15kHz

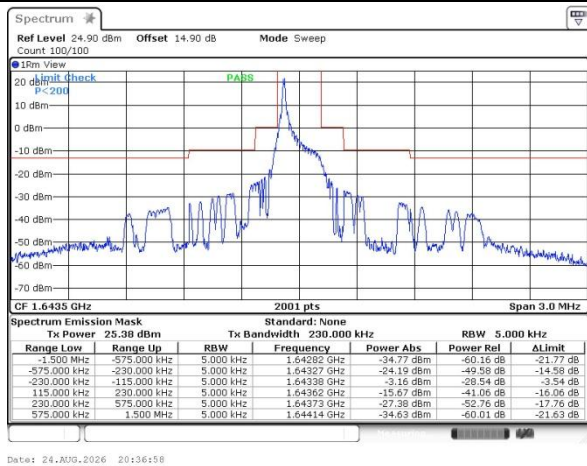
Lowest Channel / 1SC0 / BPSK



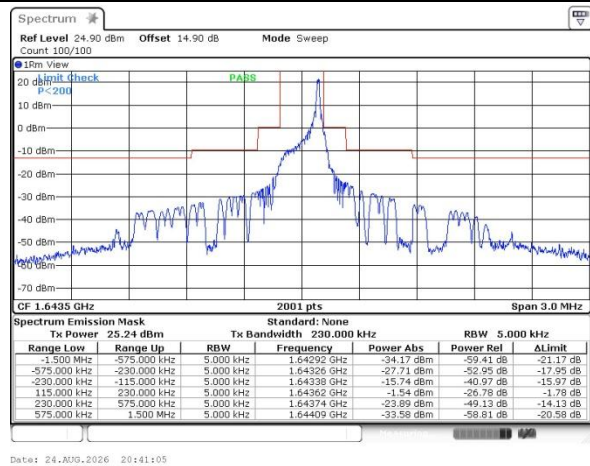
Lowest Channel / 1SC11 / BPSK



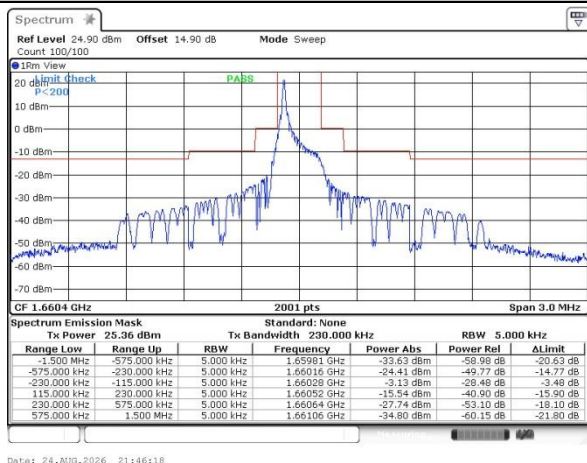
Middle Channel / 1SC0 / BPSK



Middle Channel / 1SC11 / BPSK



Highest Channel / 1SC0 / BPSK



Highest Channel / 1SC11 / BPSK

