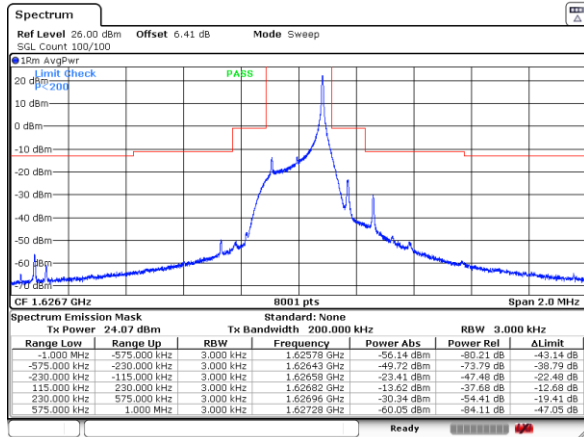




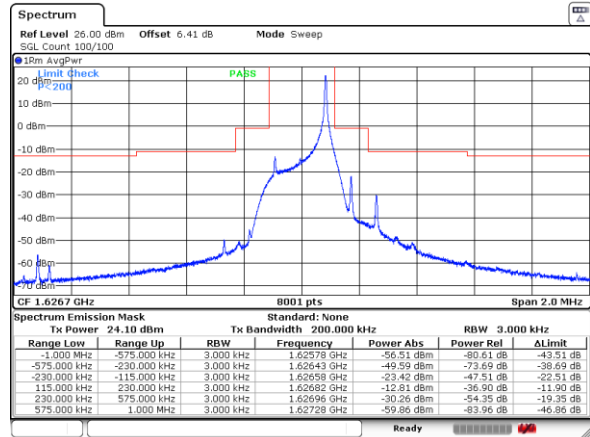
Band 255 SCS3.75KHz

Lowest Channel / 1SC47/ BPSK



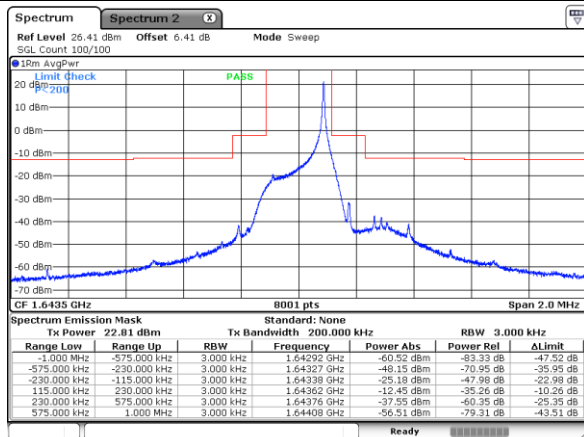
Date: 19.JAN.2026 09:25:03

Lowest Channel / 1SC47 / QPSK



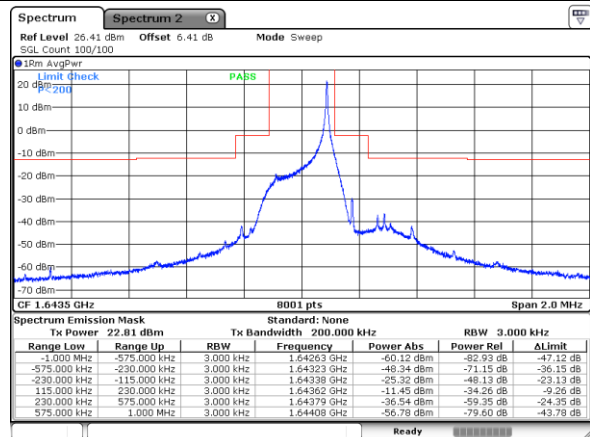
Date: 19.JAN.2026 09:27:13

Middle Channel / 1SC47/ BPSK



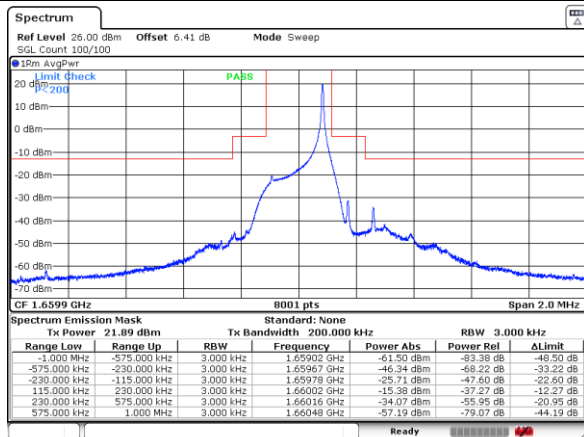
Date: 4.FEB.2026 09:23:47

Middle Channel / 1SC47 / QPSK



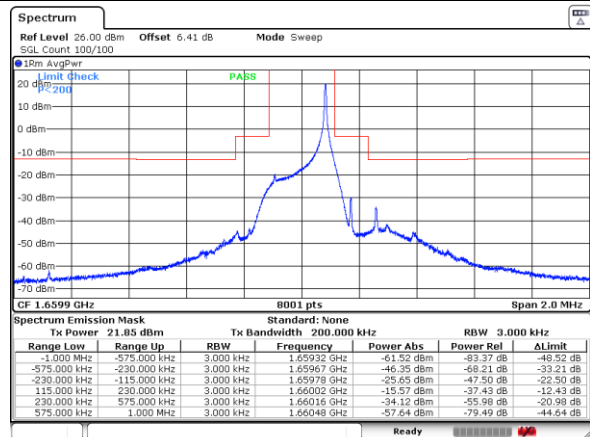
Date: 4.FEB.2026 09:25:51

Highest Channel / 1SC47/ BPSK



Date: 19.JAN.2026 10:02:58

Highest Channel / 1SC47 / QPSK

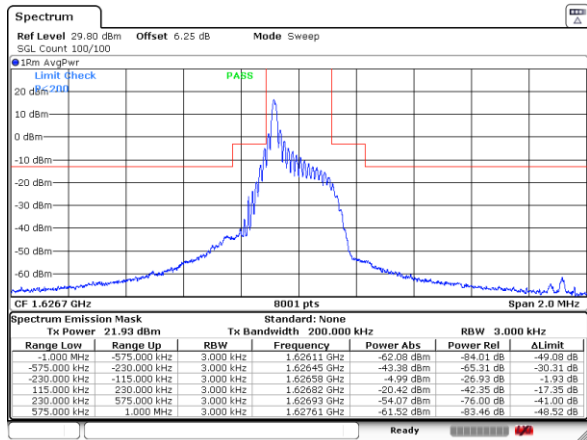


Date: 19.JAN.2026 10:05:09



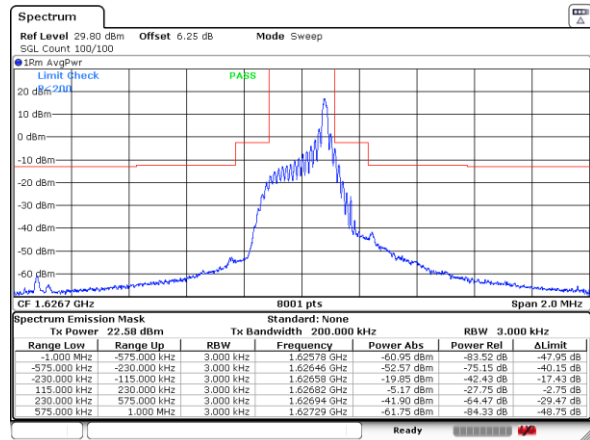
Band 255 SCS15KHz

Lowest Channel / 1SC0/ BPSK



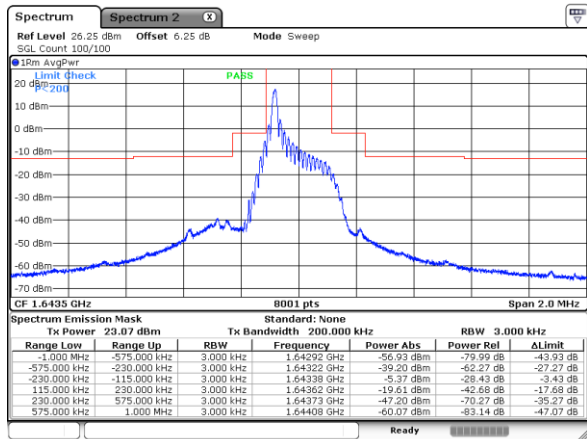
Date: 18, JAN, 2026 14:57:24

Lowest Channel / 1SC11 / BPSK



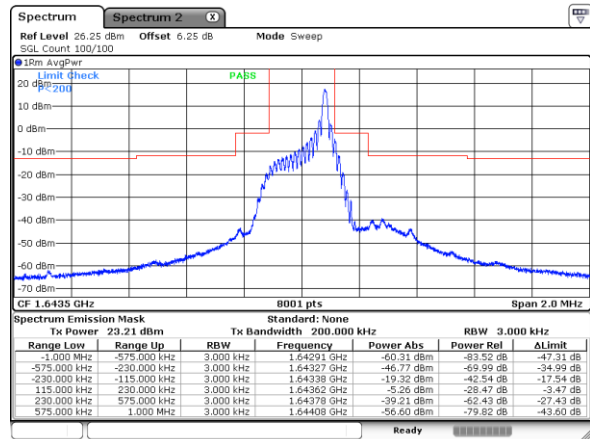
Date: 18, JAN, 2026 14:58:44

Middle Channel / 1SC0/ BPSK



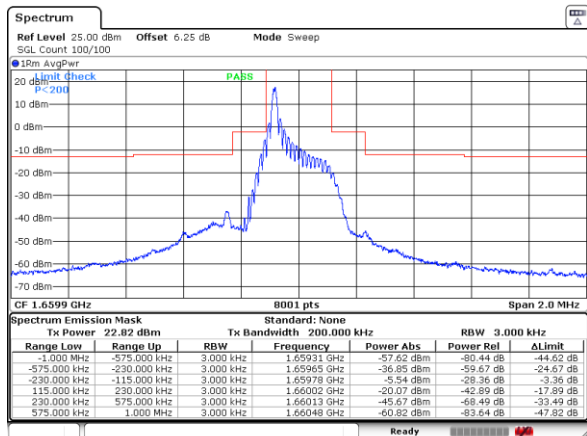
Date: 4, FEB, 2026 09:30:51

Middle Channel / 1SC11 / BPSK



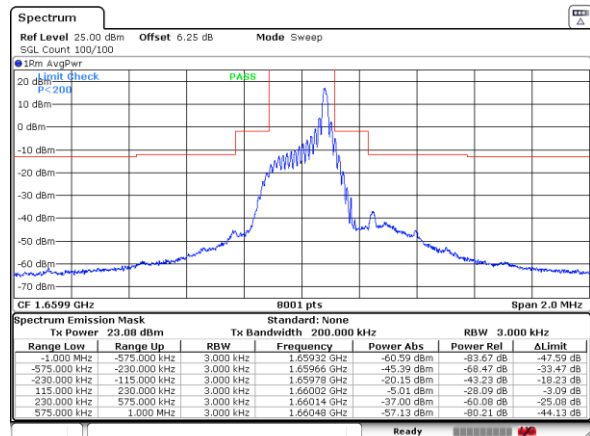
Date: 4, FEB, 2026 09:34:56

Highest Channel / 1SC0/ BPSK



Date: 18, JAN, 2026 15:57:07

Highest Channel / 1SC11/ BPSK

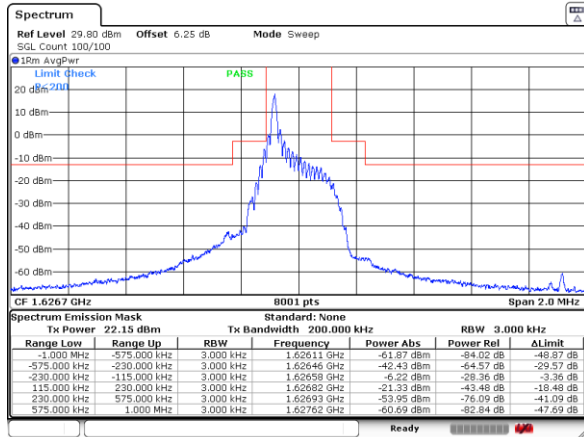


Date: 18, JAN, 2026 15:58:30



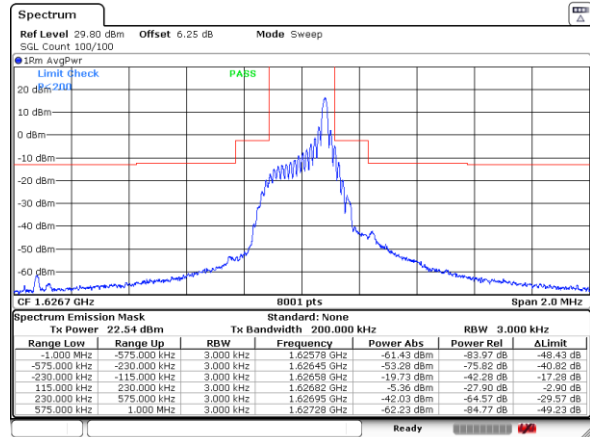
Band 255 SCS15KHz

Lowest Channel / 1SC0/ QPSK



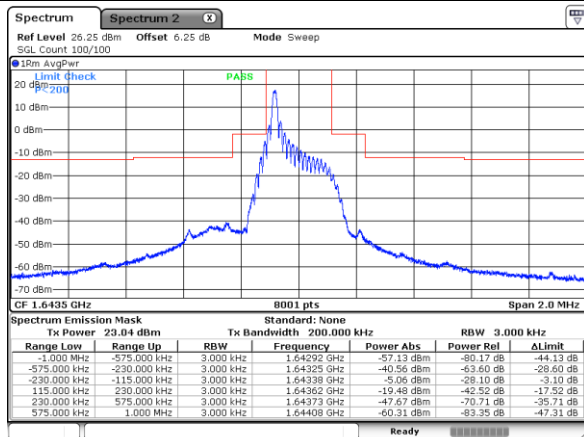
Date: 18.JAN.2026 14:55:33

Lowest Channel / 1SC11 / QPSK



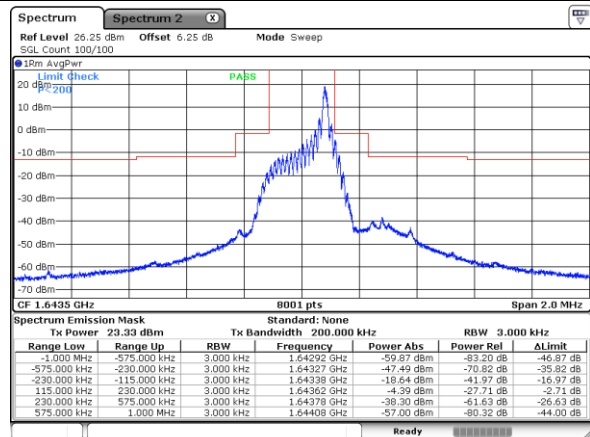
Date: 18.JAN.2026 14:59:36

Middle Channel / 1SC0/ QPSK



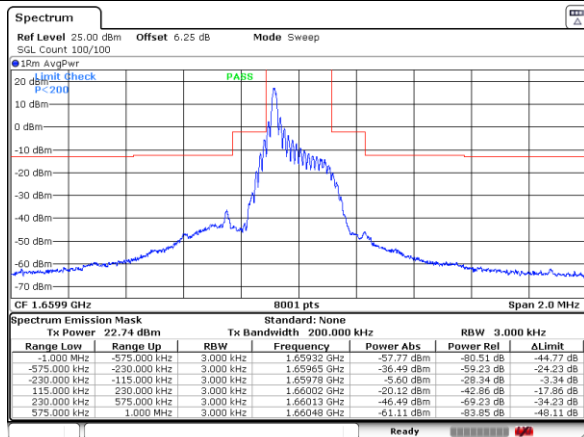
Date: 4.FEB.2026 09:28:35

Middle Channel / 1SC11 / QPSK



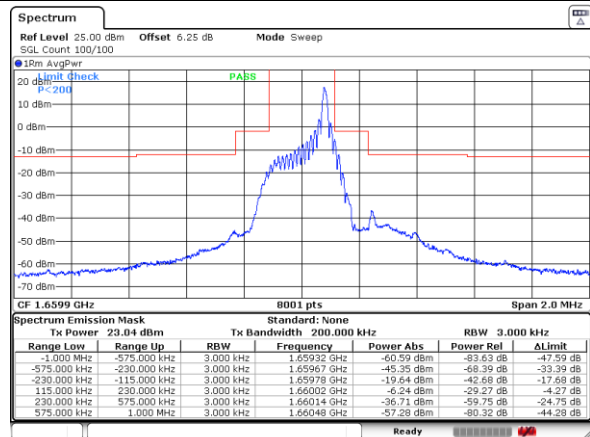
Date: 4.FEB.2026 09:32:59

Highest Channel / 1SC0/ QPSK



Date: 18.JAN.2026 15:56:01

Highest Channel / 1SC11/ QPSK

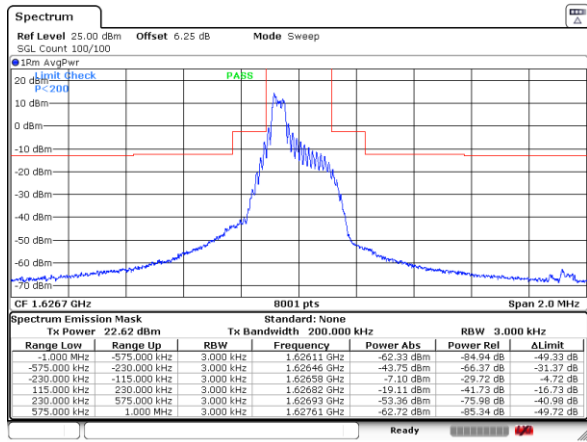


Date: 18.JAN.2026 15:59:19



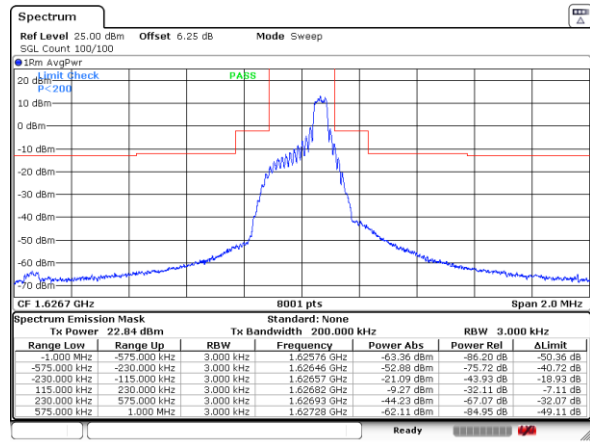
Band 255 SCS15KHz

Lowest Channel / 3SC0 / QPSK



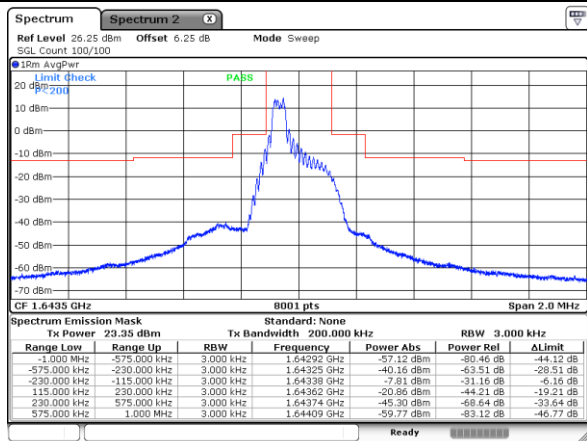
Date: 18.JAN.2026 15:00:50

Lowest Channel / 3SC9 / QPSK



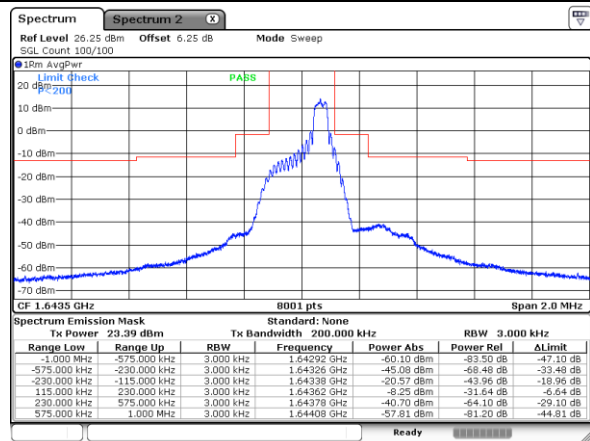
Date: 18.JAN.2026 15:14:22

Middle Channel / 3SC0 / QPSK



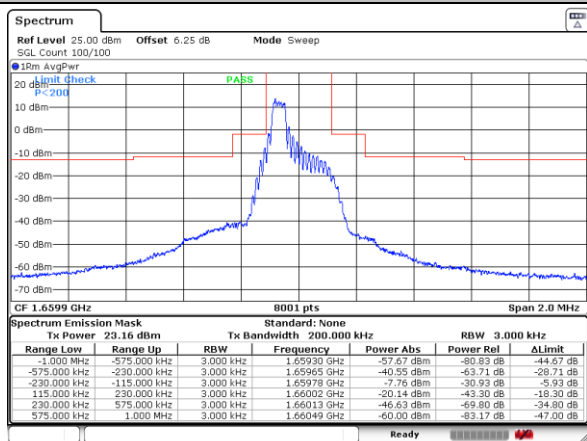
Date: 4.FEB.2026 09:16:54

Middle Channel / 3SC9 / QPSK



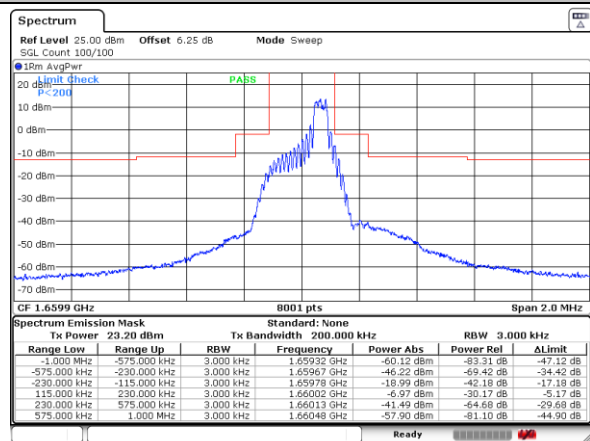
Date: 4.FEB.2026 09:39:33

Highest Channel / 3SC0 / QPSK



Date: 18.JAN.2026 16:00:16

Highest Channel / 3SC9 / QPSK

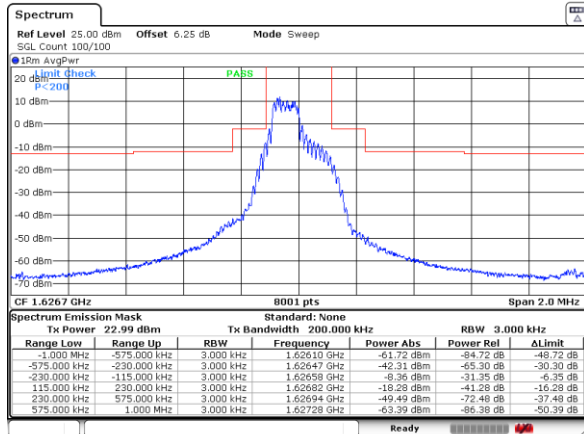


Date: 18.JAN.2026 16:01:17



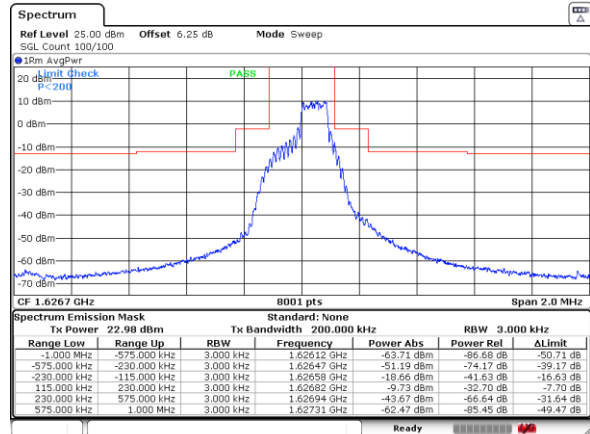
Band 255 SCS15KHz

Lowest Channel / 6SC0/ QPSK



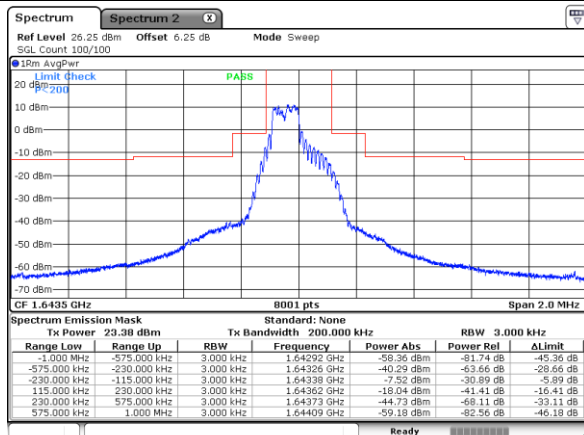
Date: 18.JAN.2026 15:20:53

Lowest Channel / 6SC6 / QPSK



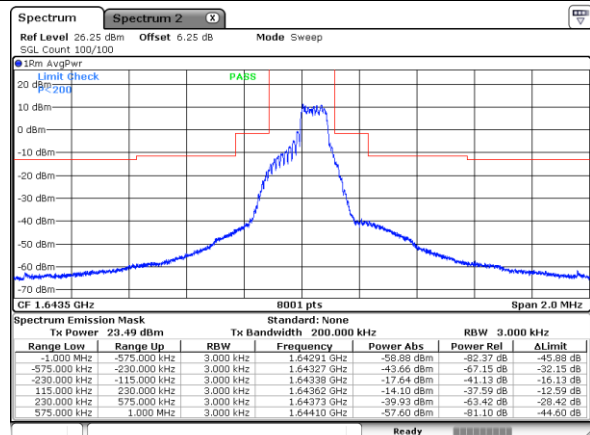
Date: 18.JAN.2026 15:25:19

Middle Channel / 6SC0/ QPSK



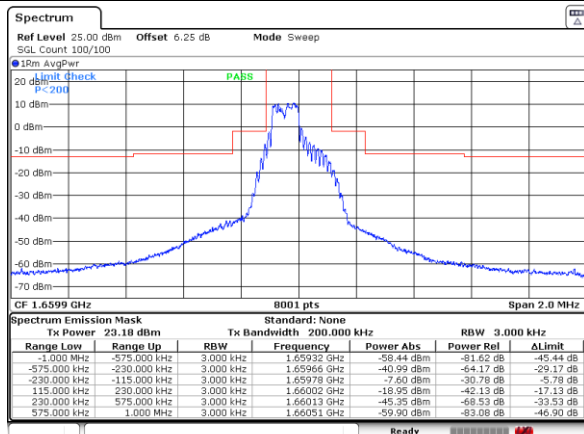
Date: 4.FEB.2026 09:41:31

Middle Channel / 6SC6 / QPSK



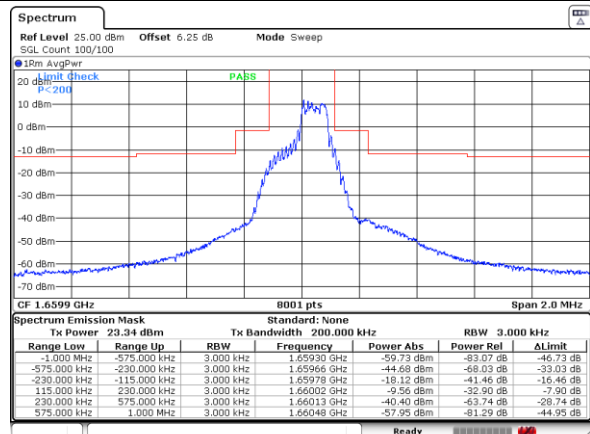
Date: 4.FEB.2026 09:43:44

Highest Channel / 6SC0/ QPSK



Date: 18.JAN.2026 16:02:19

Highest Channel / 6SC6 / QPSK



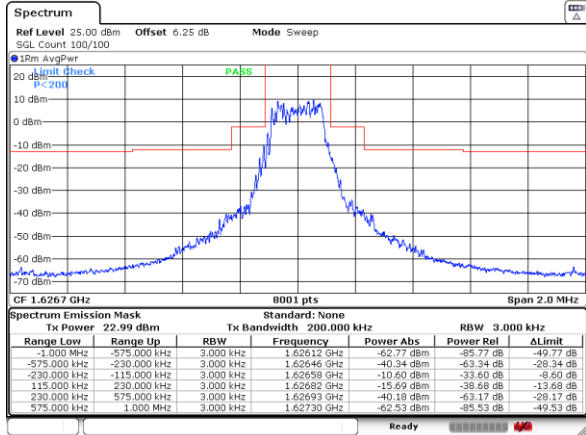
Date: 18.JAN.2026 16:03:31



Band 255 SCS15KHz

Lowest Channel / 12SC0 / QPSK

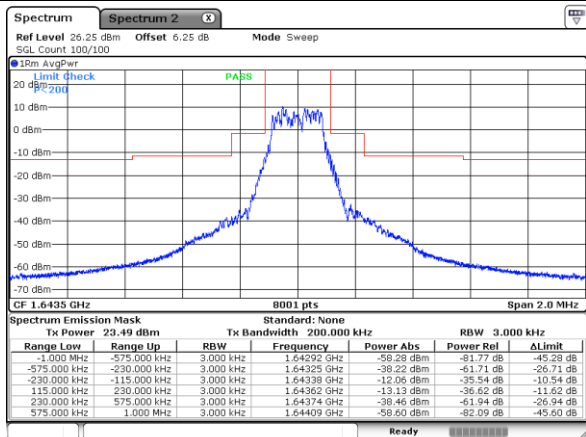
N/A



Date: 18.JAN.2026 15:23:18

Middle Channel /12SC0 / QPSK

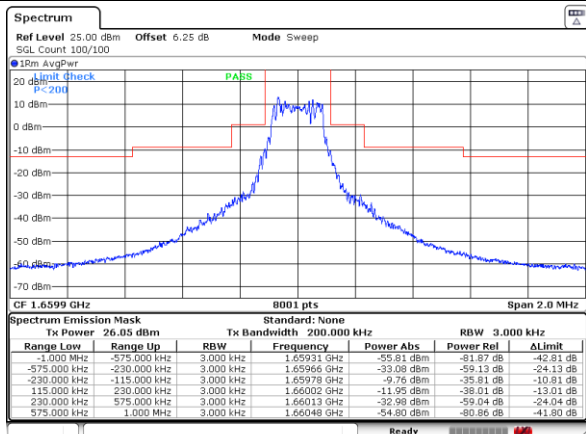
N/A



Date: 4.FEB.2026 09:51:05

Highest Channel /12SC0 / QPSK

N/A



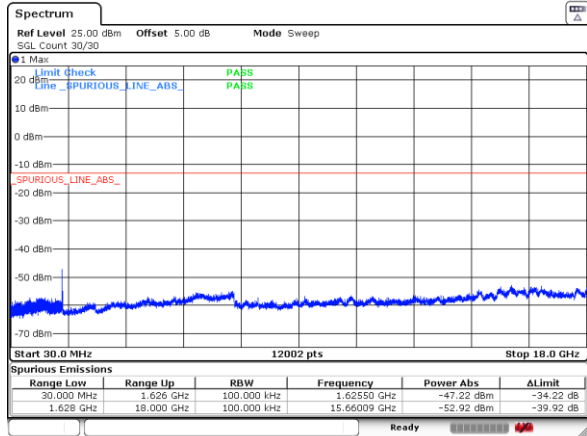
Date: 18.JAN.2026 16:05:23



Conducted Spurious Emission

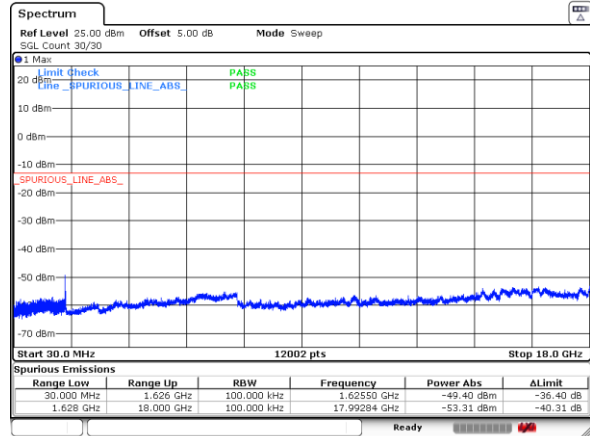
Band 255 SCS3.75KHz

Lowest Channel / 1SC0/ BPSK



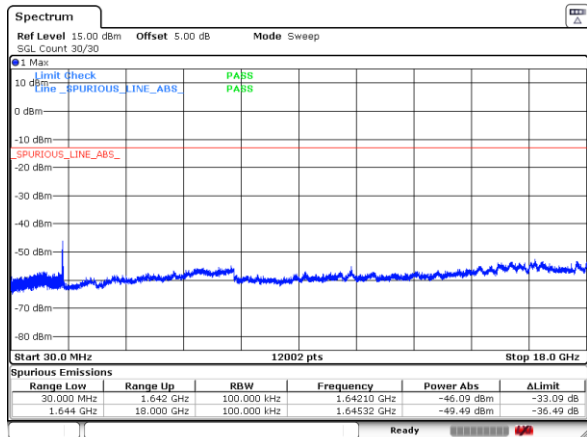
Date: 18_JAN.2026 13:04:48

Lowest Channel / 1SC0 / QPSK



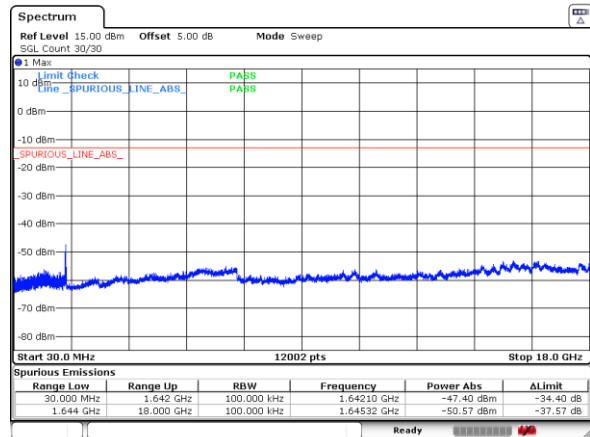
Date: 18_JAN.2026 13:02:11

Middle Channel / 1SC0/ BPSK



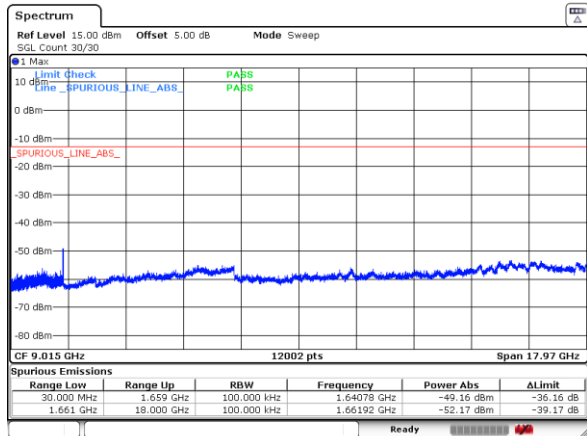
Date: 18_JAN.2026 13:13:29

Middle Channel / 1SC0 / QPSK



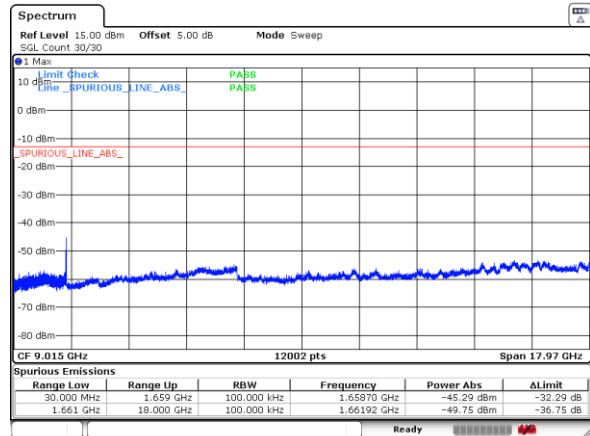
Date: 18_JAN.2026 13:15:16

Highest Channel / 1SC0/ BPSK



Date: 18_JAN.2026 13:19:51

Highest Channel / 1SC0/ QPSK

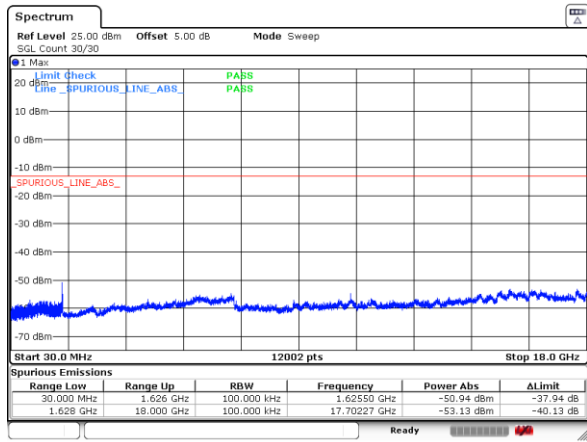


Date: 18_JAN.2026 13:18:10



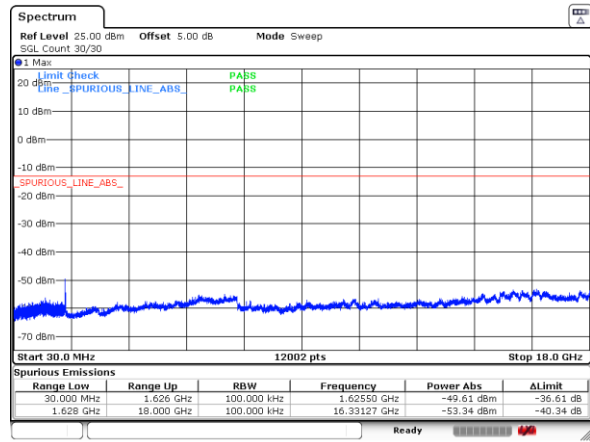
Band 255 SCS15KHz

Lowest Channel / 1SC0/ BPSK



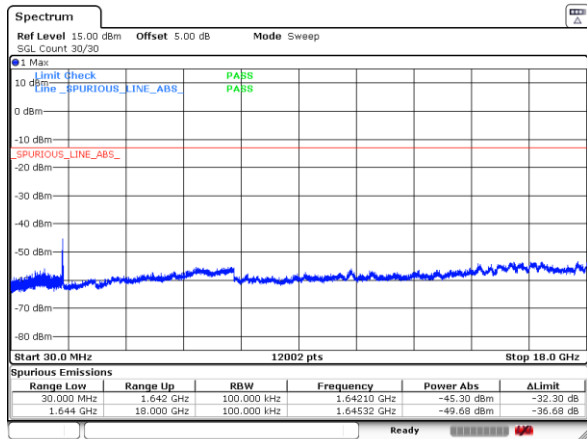
Date: 18_JAN,2026 13:08:18

Lowest Channel / 1SC0 / QPSK



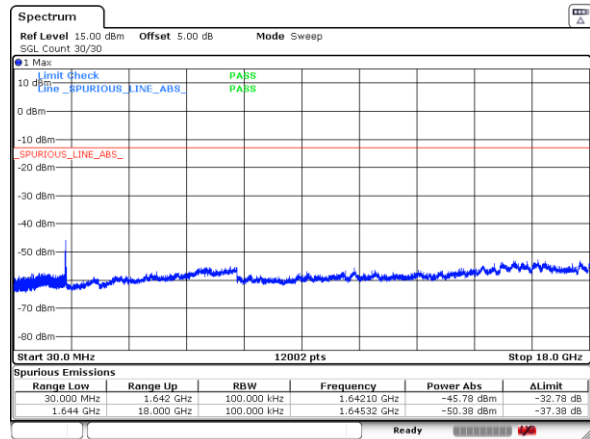
Date: 18_JAN,2026 13:06:27

Middle Channel / 1SC0/ BPSK



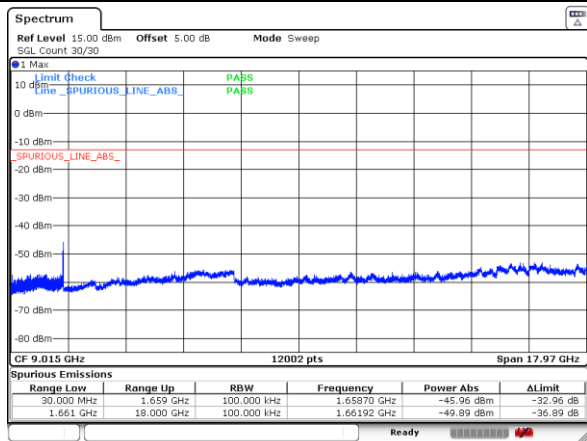
Date: 18_JAN,2026 13:12:14

Middle Channel / 1SC0 / QPSK



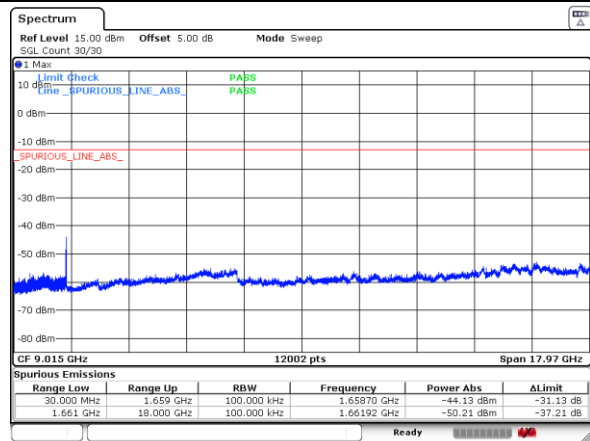
Date: 18_JAN,2026 13:10:22

Highest Channel / 1SC0/ BPSK



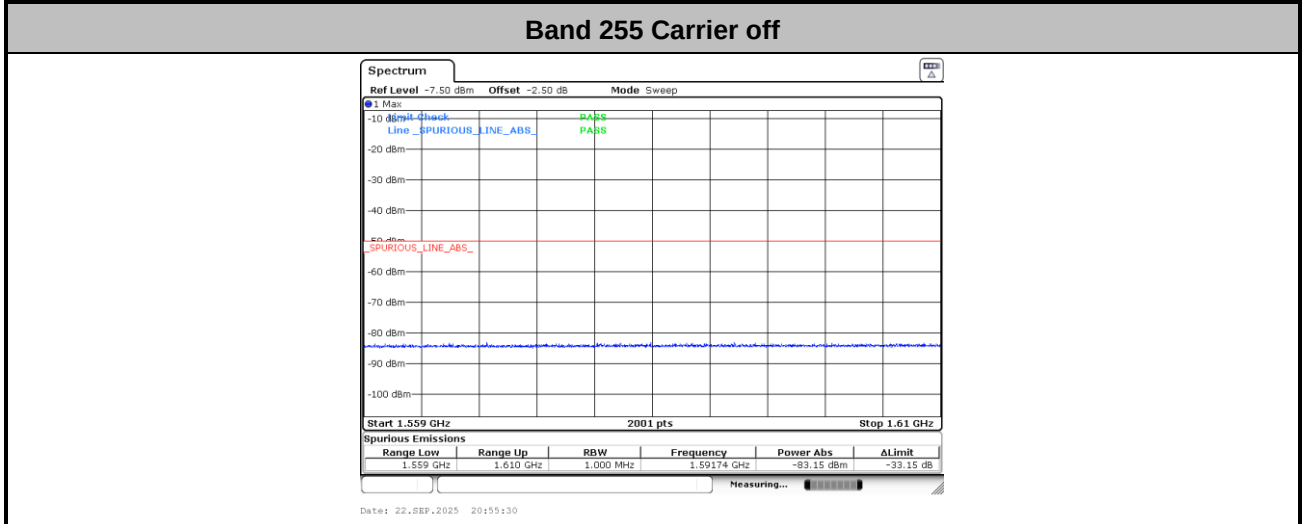
Date: 18_JAN,2026 13:22:30

Highest Channel / 1SC0/ QPSK



Date: 18_JAN,2026 13:21:15

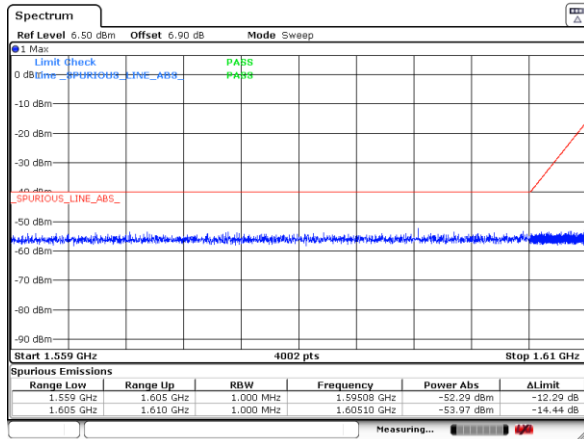
Emission limits for protection of aeronautical service





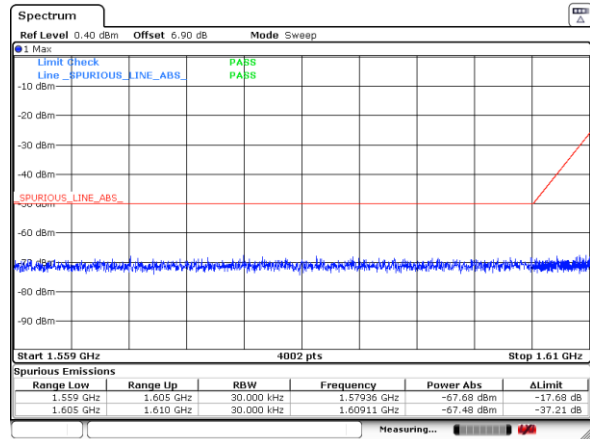
Band 255 SCS3.75KHz BPSK

Lowest Channel / 1SC0 Carrier on



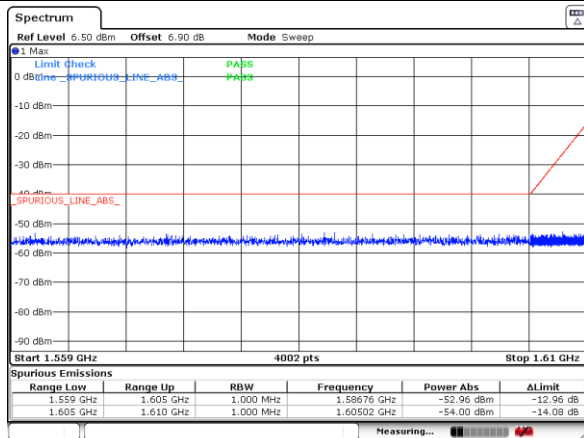
Date: 18, JAN, 2026 18:20:22

Lowest Channel / 1SC0 Discrete



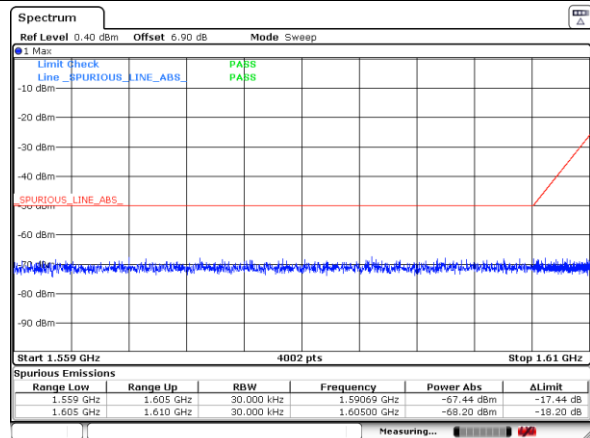
Date: 18, JAN, 2026 18:19:58

Middle Channel / 1SC0 Carrier on



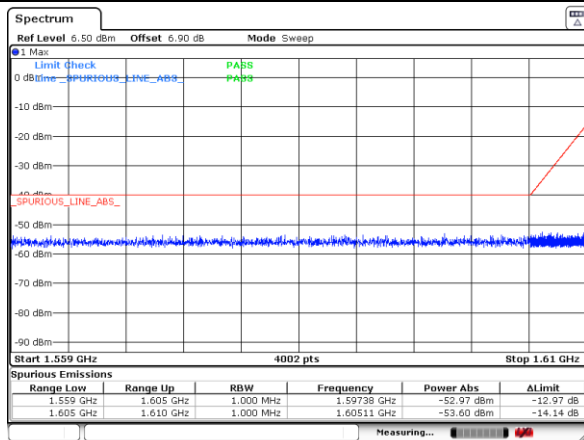
Date: 18, JAN, 2026 18:35:23

Middle Channel / 1SC0 Discrete



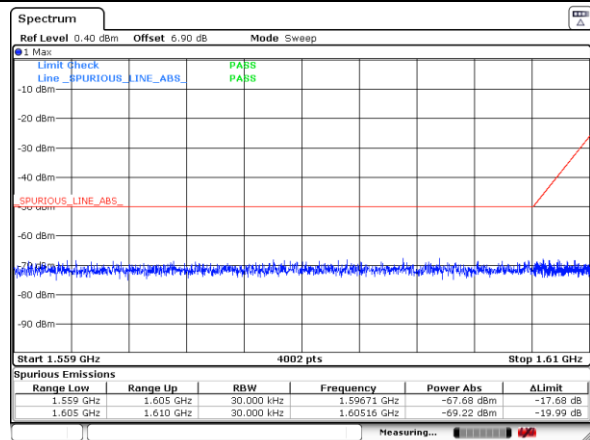
Date: 18, JAN, 2026 18:36:41

Highest Channel / 1SC0 Carrier on



Date: 18, JAN, 2026 18:38:19

Highest Channel / 1SC0 Discrete

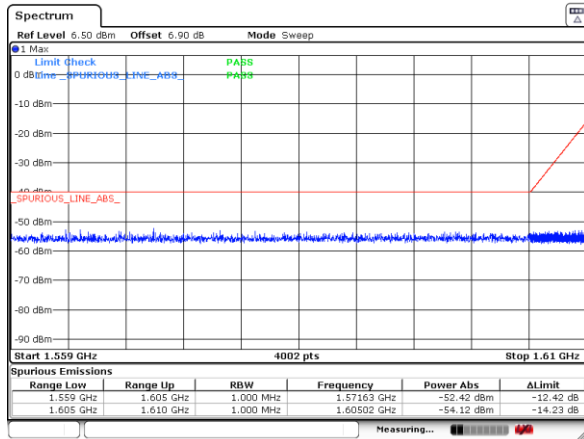


Date: 18, JAN, 2026 18:39:54



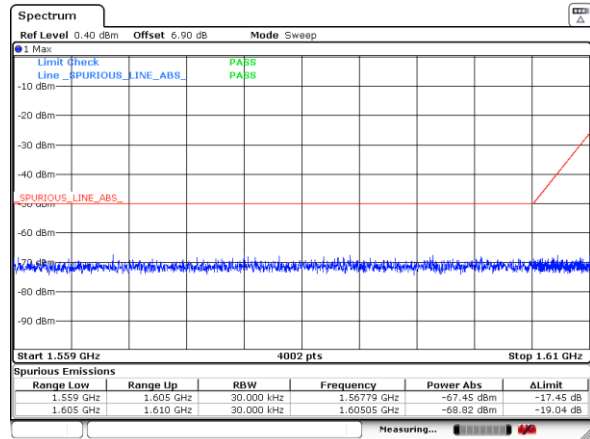
Band 255 SCS3.75KHz QPSK

Lowest Channel / 1SC0 Carrier on



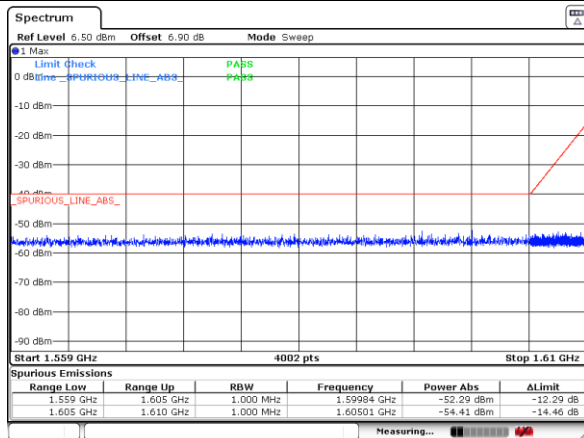
Date: 18, JAN, 2026 18:18:36

Lowest Channel / 1SC0 Discrete



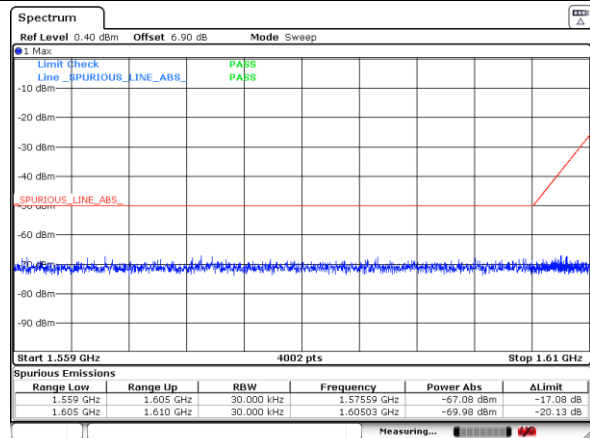
Date: 18, JAN, 2026 18:19:22

Middle Channel / 1SC0 Carrier on



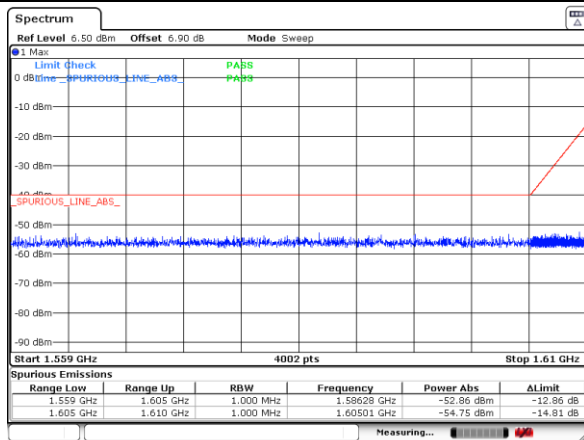
Date: 18, JAN, 2026 18:18:45

Middle Channel / 1SC0 Discrete



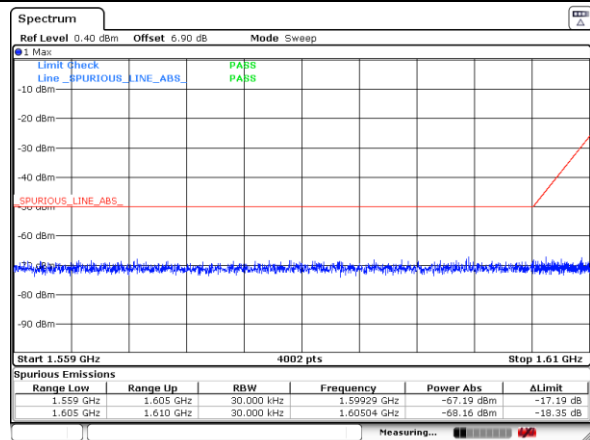
Date: 18, JAN, 2026 18:18:55

Highest Channel / 1SC0 Carrier on



Date: 18, JAN, 2026 18:18:42

Highest Channel / 1SC0 Discrete

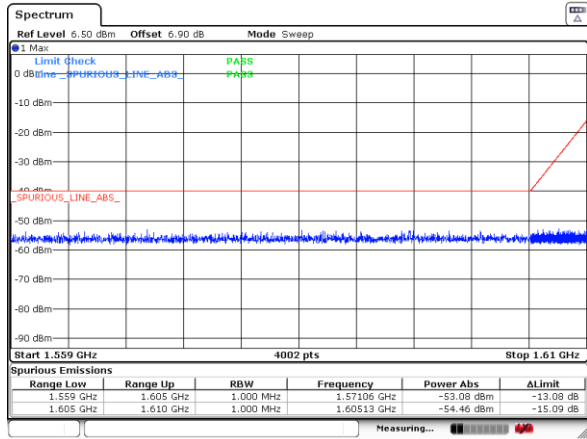


Date: 18, JAN, 2026 18:40:09



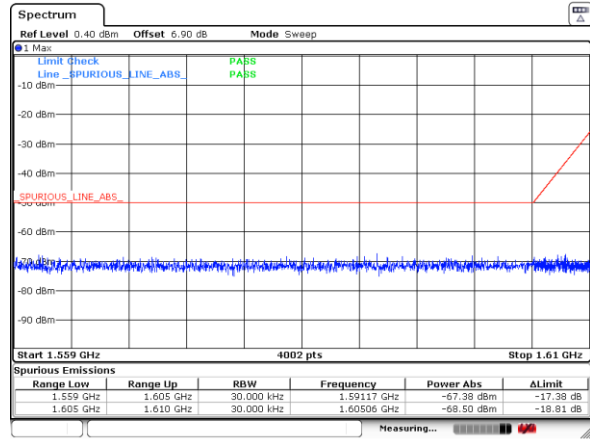
Band 255 SCS 15KHz BPSK

Lowest Channel / 1SC0 Carrier on



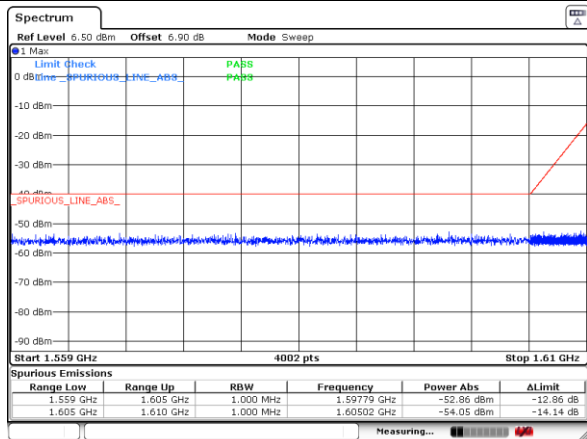
Date: 18, JAN, 2026 18:21:55

Lowest Channel / 1SC0 Discrete



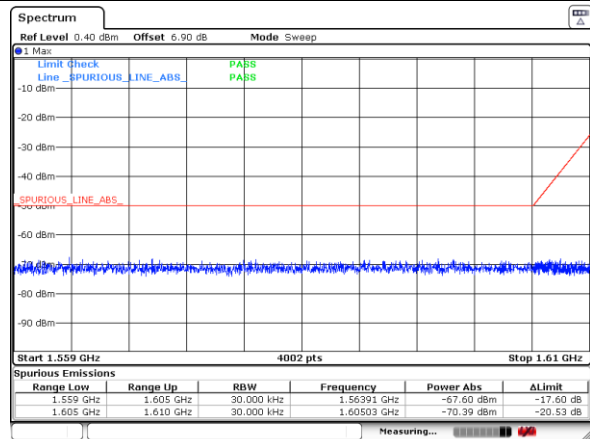
Date: 18, JAN, 2026 18:22:06

Middle Channel / 1SC0 Carrier on



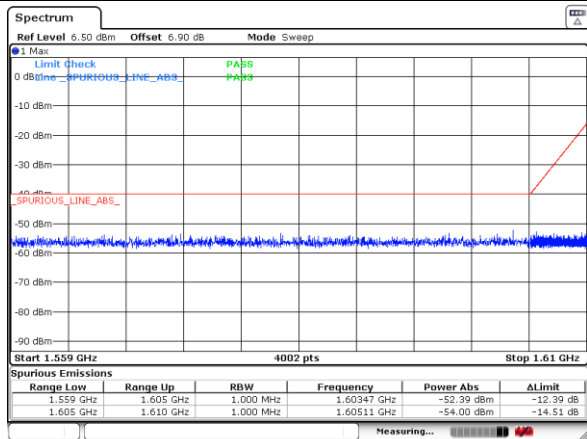
Date: 18, JAN, 2026 18:34:43

Middle Channel / 1SC0 Discrete



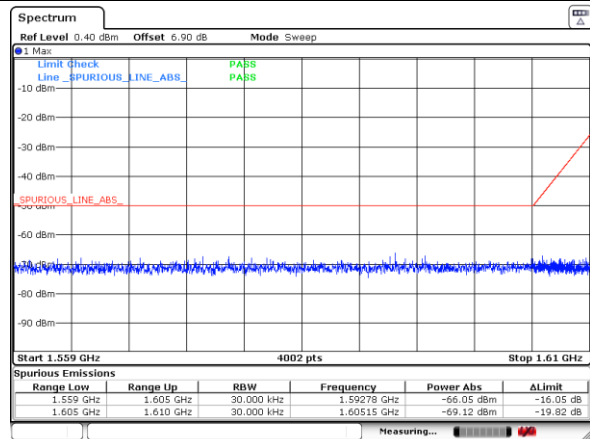
Date: 18, JAN, 2026 18:36:12

Highest Channel / 1SC0 Carrier on



Date: 18, JAN, 2026 18:37:21

Highest Channel / 1SC0 Discrete

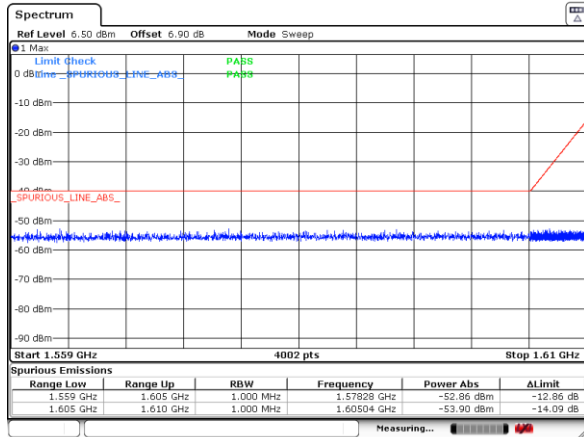


Date: 18, JAN, 2026 18:39:23



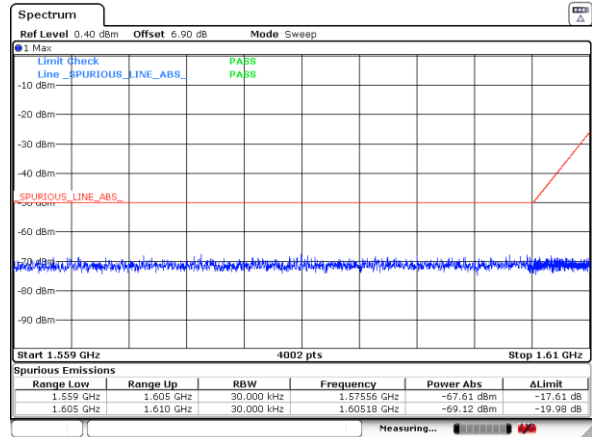
Band 255 SCS 15KHz QPSK

Lowest Channel / 1SC0 Carrier on



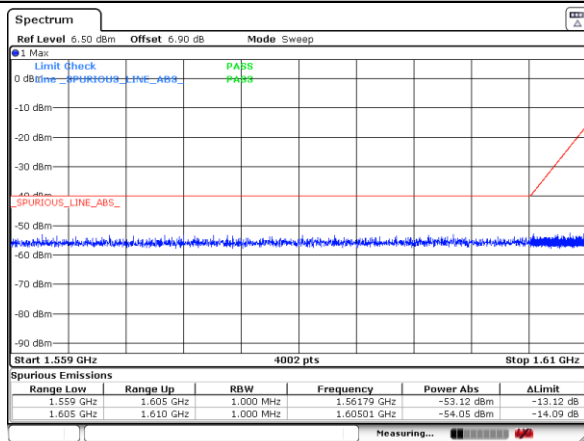
Date: 18, JAN, 2026 18:23:02

Lowest Channel / 1SC0 Discrete



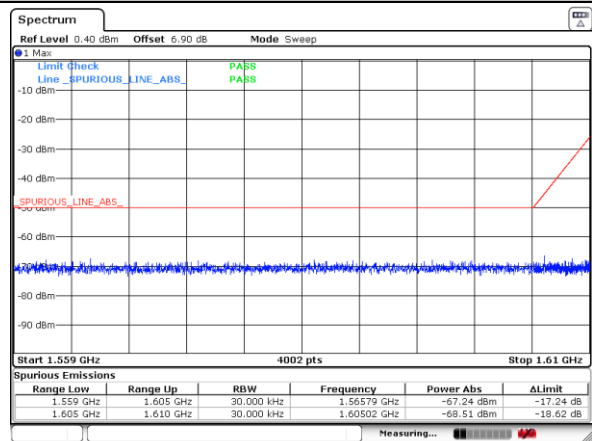
Date: 18, JAN, 2026 18:23:40

Middle Channel / 1SC0 Carrier on



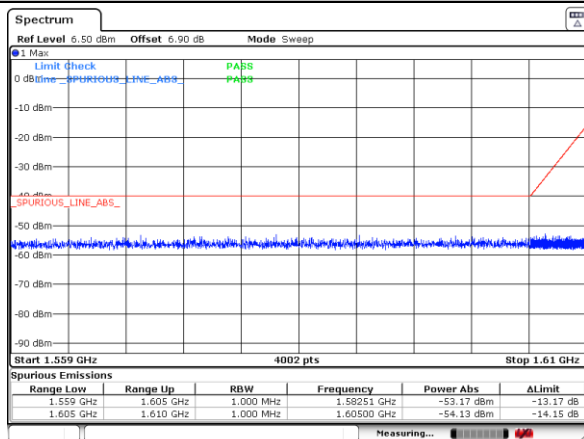
Date: 18, JAN, 2026 18:13:11

Middle Channel / 1SC0 Discrete



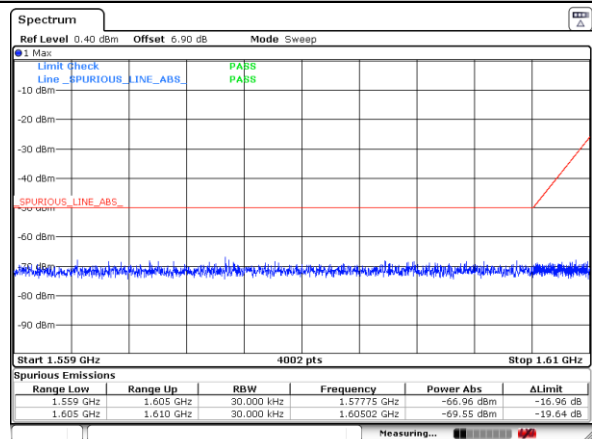
Date: 18, JAN, 2026 18:13:29

Highest Channel / 1SC0 Carrier on



Date: 18, JAN, 2026 18:37:46

Highest Channel / 1SC0 Discrete



Date: 18, JAN, 2026 18:39:43

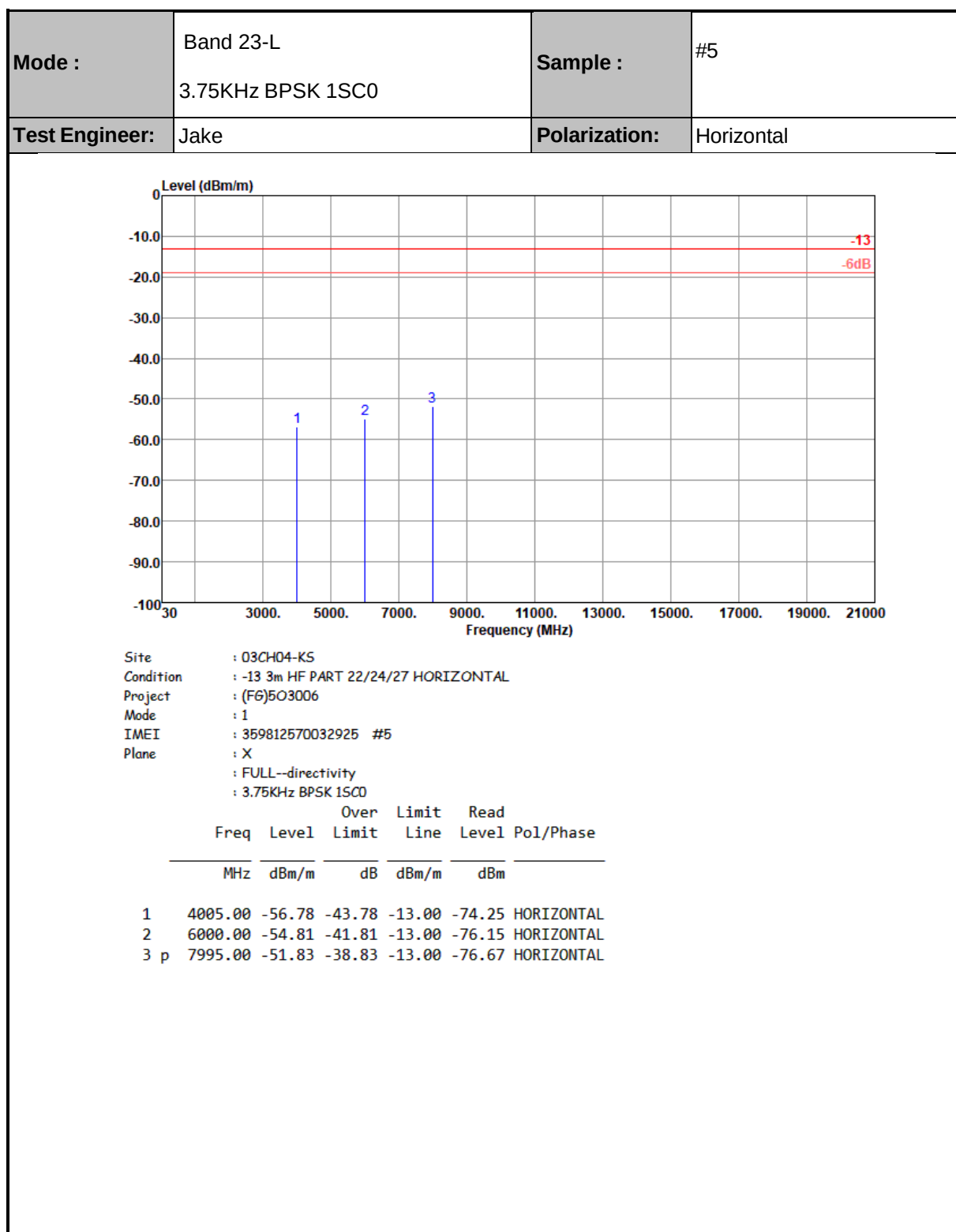
Frequency Stability

Test Conditions		LTE Band 255 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	15 KHz	10ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0027	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0002	
20	Minimum Voltage	0.0021	

Note: Normal Voltage =3.88 V. ; Minimum Voltage =3.6 V. ; Maximum Voltage =4.48 V.

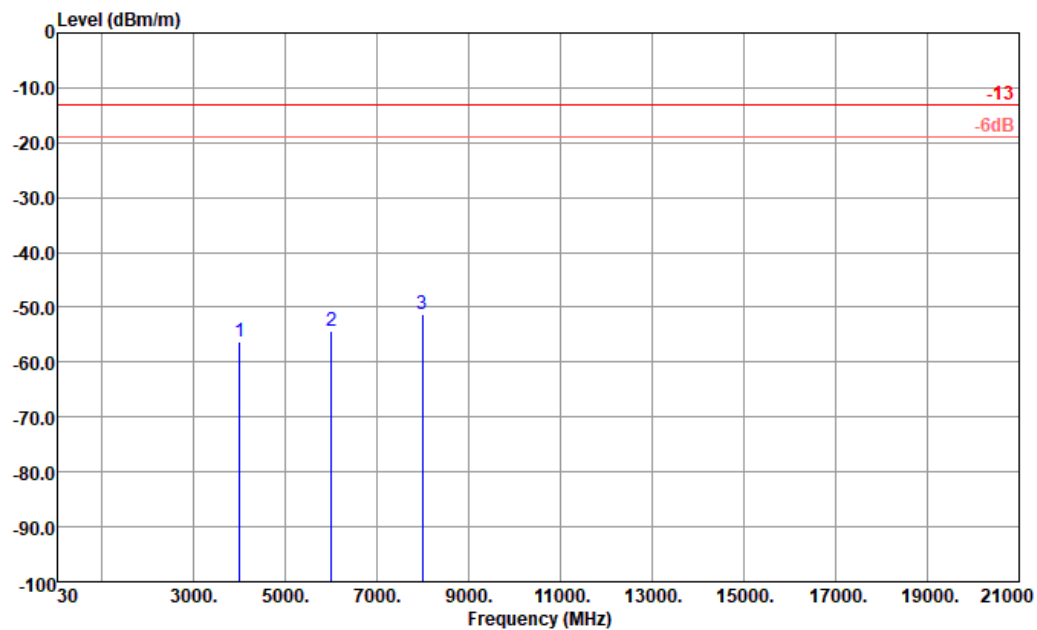


Appendix B. Test Results of Radiated Test



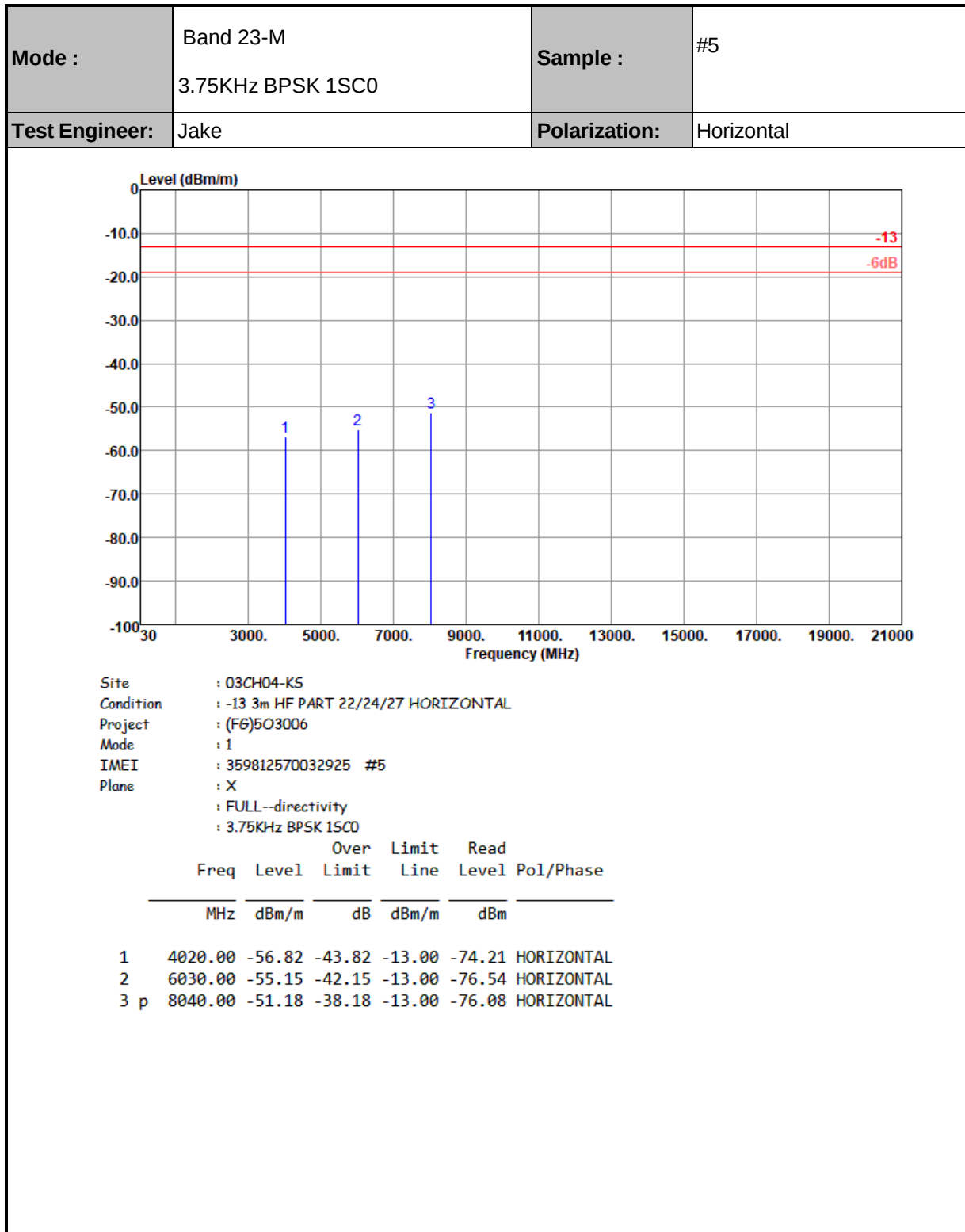


Mode :	Band 23-L 3.75KHz BPSK 1SC0	Sample :	#5
Test Engineer:	Jake	Polarization:	Vertical



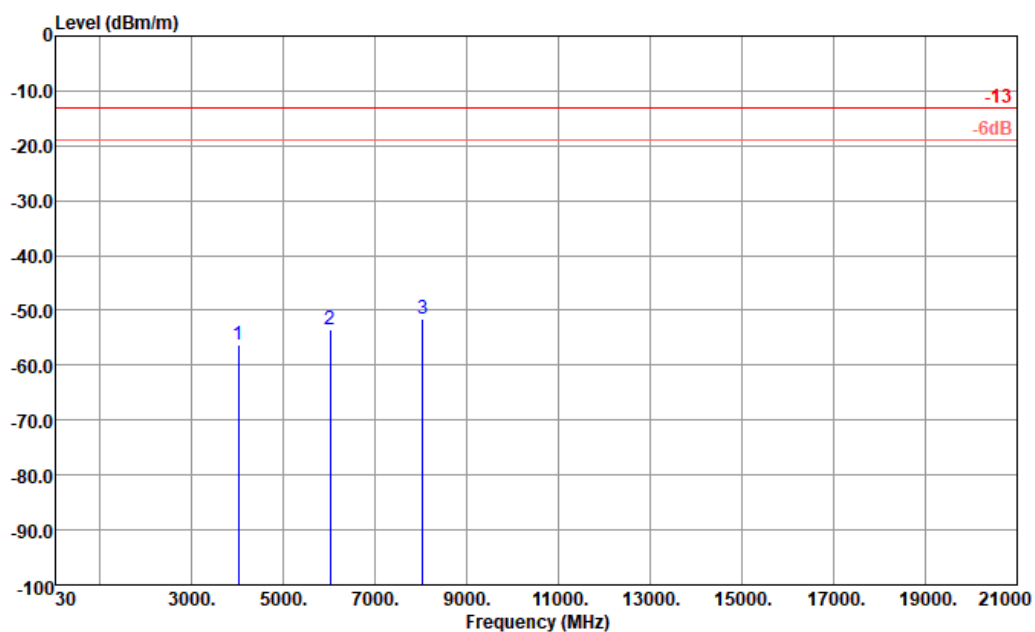
Site : 03CH04-KS
Condition : -13 3m HF PART 22/24/27 VERTICAL
Project : (F6)5O3006
Mode : 1
IMEI : 359812570032925 #5
Plane : X
: FULL--directivity
: 3.75KHz BPSK 1SC0

	Freq	Level	Over Limit	Limit Line	Read Level	Pol/Phase
	MHz	dBm/m	dB	dBm/m	dBm	
1	4005.00	-56.38	-43.38	-13.00	-74.42	VERTICAL
2	6000.00	-54.27	-41.27	-13.00	-76.33	VERTICAL
3 p	7995.00	-51.31	-38.31	-13.00	-76.16	VERTICAL



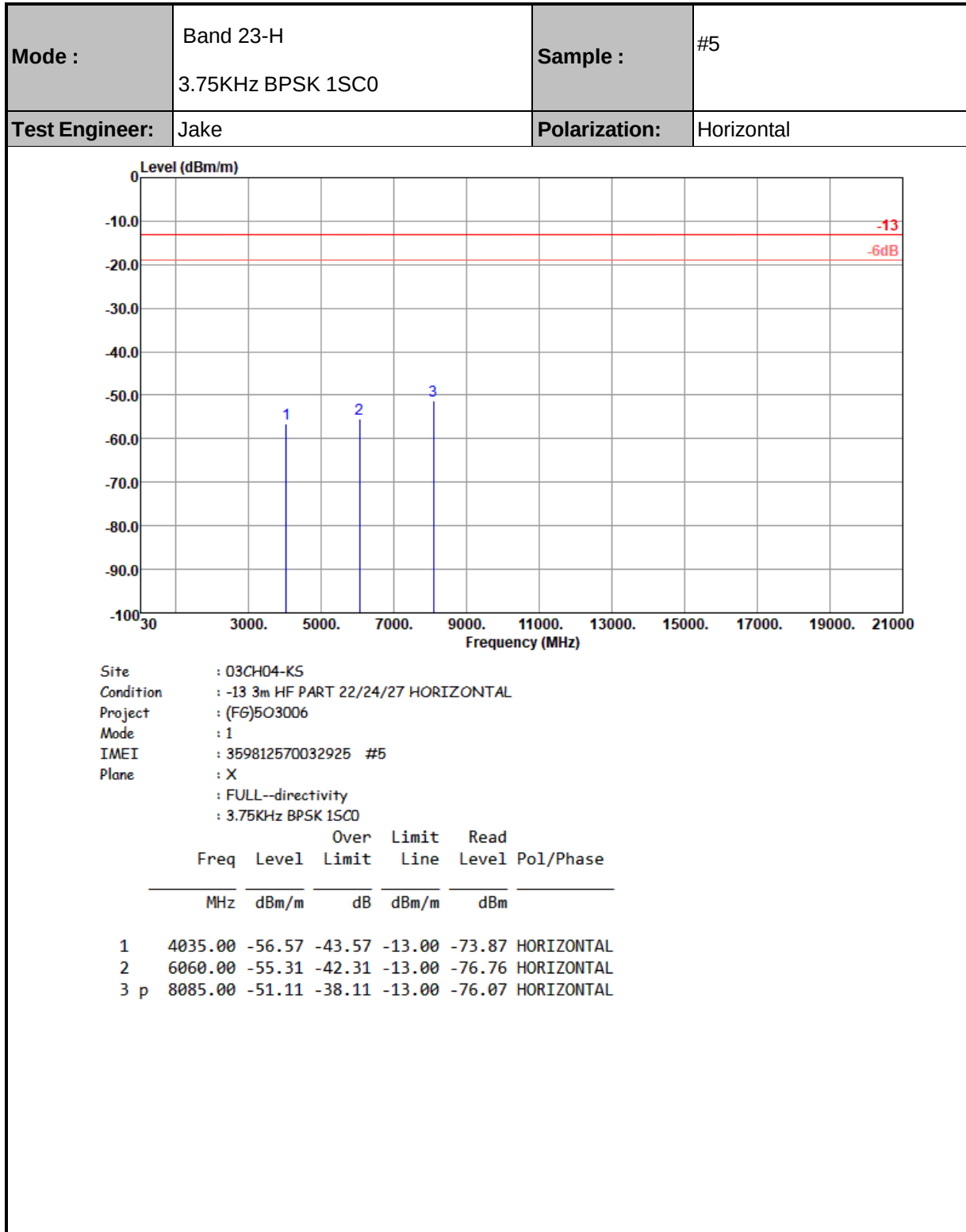


Mode :	Band 23-M 3.75KHz BPSK 1SC0	Sample :	#5
Test Engineer:	Jake	Polarization:	Vertical



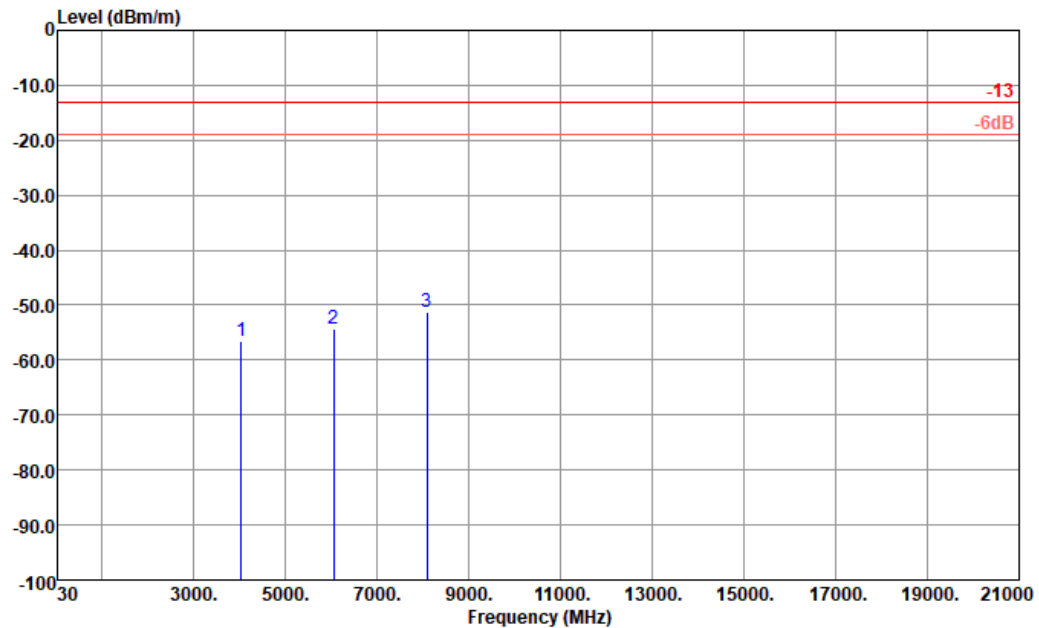
Site : 03CH04-KS
Condition : -13 3m HF PART 22/24/27 VERTICAL
Project : (FG)5O3006
Mode : 1
IMEI : 359812570032925 #5
Plane : X
: FULL--directivity
: 3.75KHz BPSK 1SC0

	Freq	Level	Over Limit	Limit Line	Read Level	Pol/Phase
	MHz	dBm/m	dB	dBm/m	dBm	
1	4020.00	-56.39	-43.39	-13.00	-74.29	VERTICAL
2	6030.00	-53.54	-40.54	-13.00	-75.60	VERTICAL
3 p	8040.00	-51.50	-38.50	-13.00	-76.40	VERTICAL



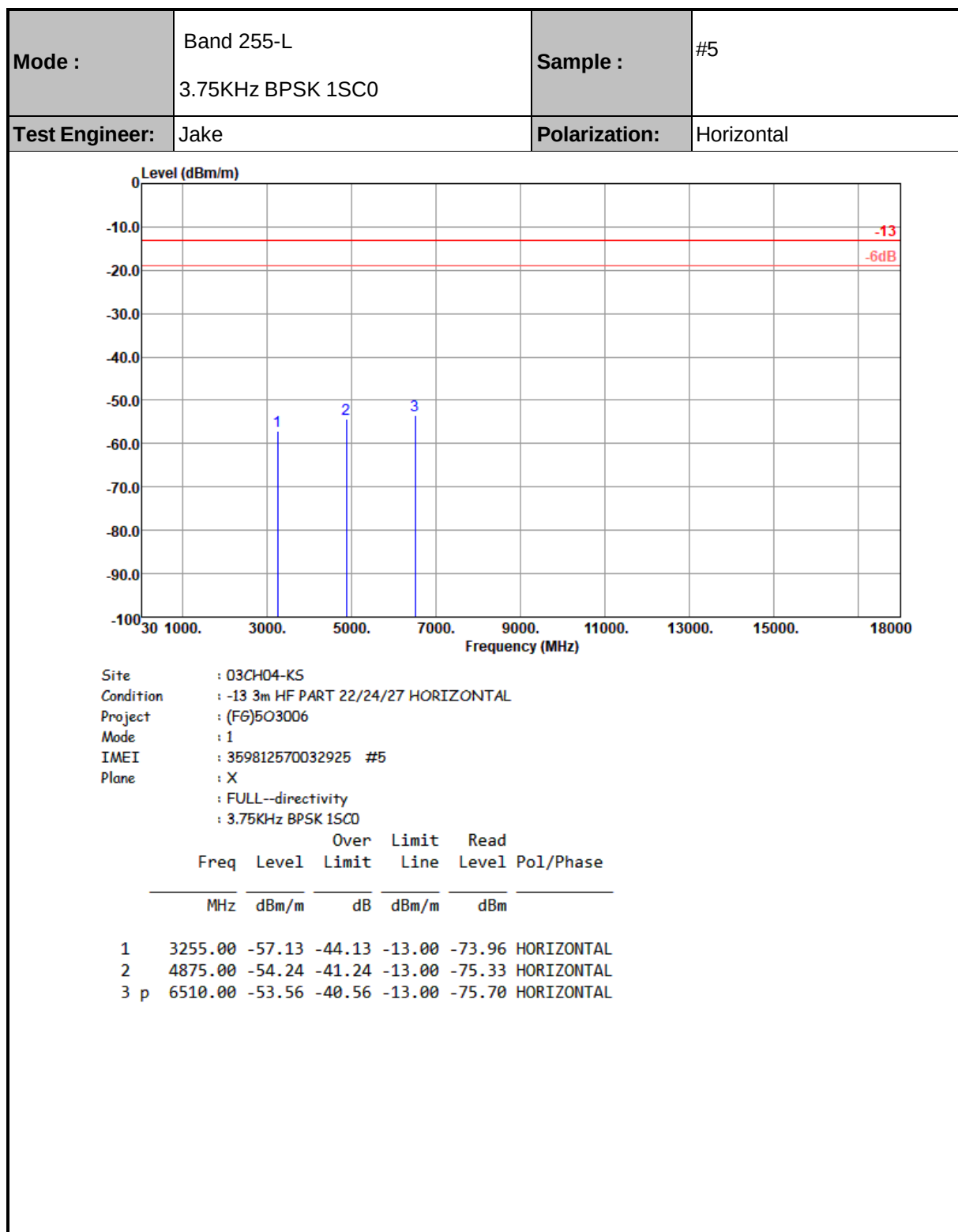


Mode :	Band 23-H 3.75KHz BPSK 1SC0	Sample :	#5
Test Engineer:	Jake	Polarization:	Vertical



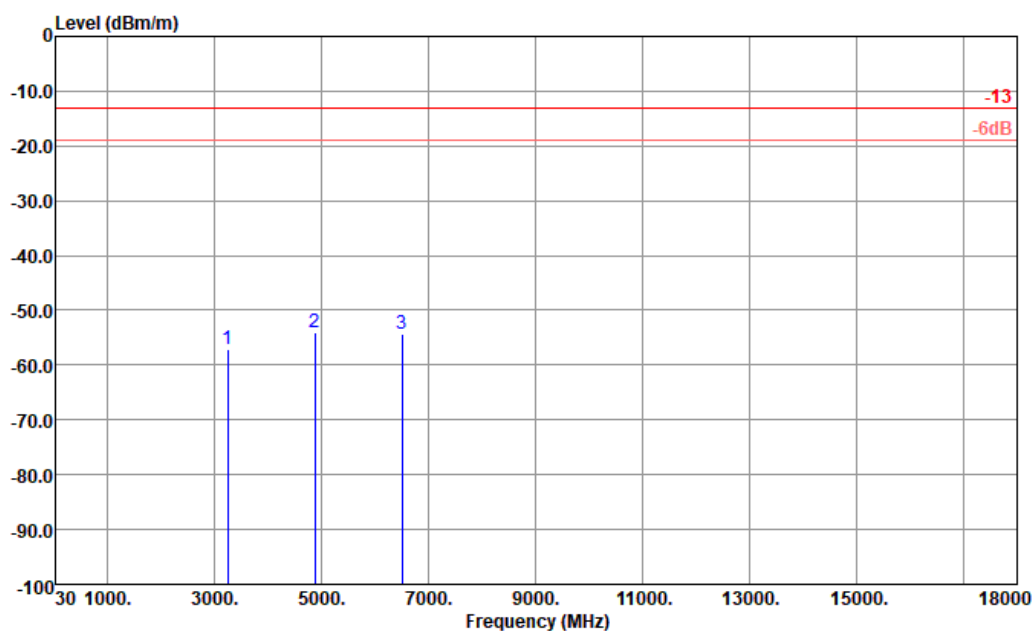
Site : 03CH04-KS
Condition : -13 3m HF PART 22/24/27 VERTICAL
Project : (F6)5O3006
Mode : 1
IMEI : 359812570032925 #5
Plane : X
: FULL--directivity
: 3.75KHz BPSK 1SC0

	Freq	Level	Over	Limit	Read	
	MHz	dBm/m	Limit	Line	Level	Pol/Phase
			dB	dBm/m	dBm	
1	4035.00	-56.67	-43.67	-13.00	-74.42	VERTICAL
2	6060.00	-54.44	-41.44	-13.00	-76.50	VERTICAL
3 p	8085.00	-51.24	-38.24	-13.00	-76.19	VERTICAL



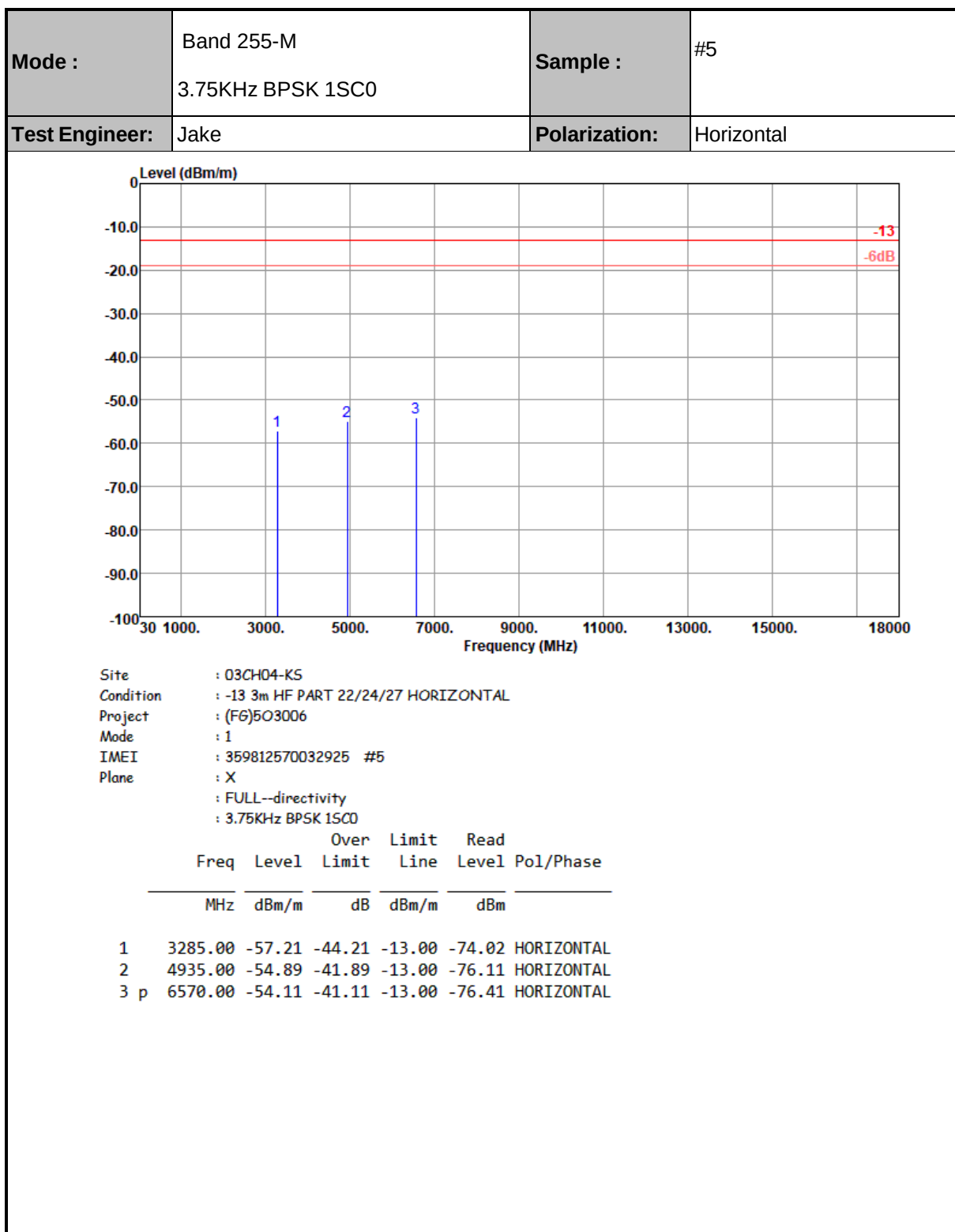


Mode :	Band 255-L 3.75KHz BPSK 1SC0	Sample :	#5
Test Engineer:	Jake	Polarization:	Vertical



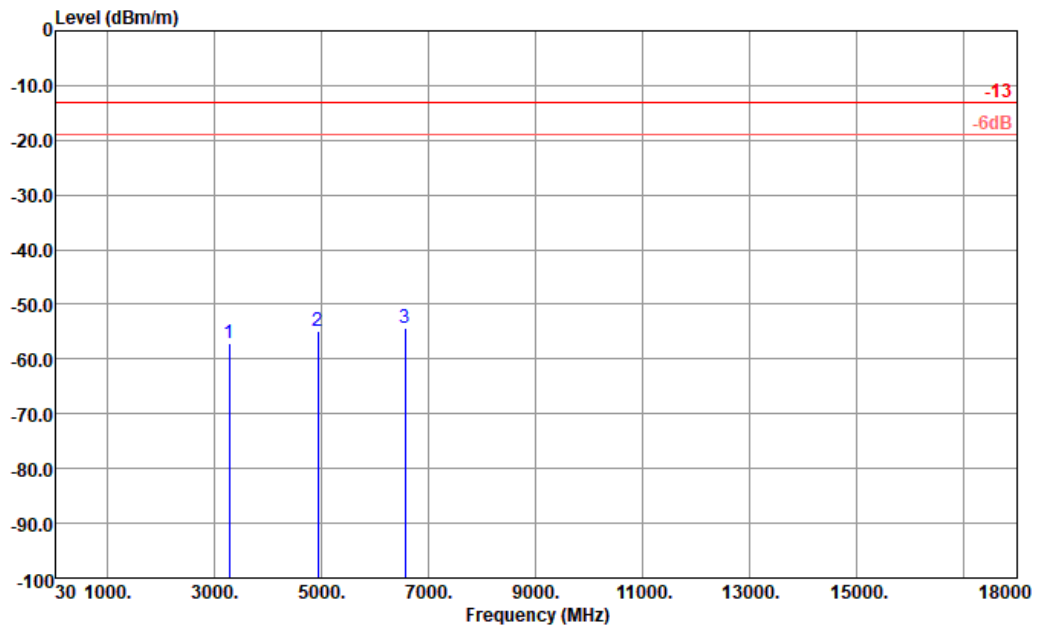
Site : 03CH04-KS
Condition : -13 3m HF PART 22/24/27 VERTICAL
Project : (F6)503006
Mode : 1
IMEI : 359812570032925 #5
Plane : X
: FULL--directivity
: 3.75KHz BPSK 1SC0

	Freq	Level	Over Limit	Limit Line	Read Level	Pol/Phase
	MHz	dBm/m	dB	dBm/m	dBm	
1	3255.00	-57.15	-44.15	-13.00	-74.04	VERTICAL
2 p	4875.00	-54.03	-41.03	-13.00	-75.15	VERTICAL
3	6510.00	-54.41	-41.41	-13.00	-76.47	VERTICAL





Mode :	Band 255-M 3.75KHz BPSK 1SC0	Sample :	#5
Test Engineer:	Jake	Polarization:	Vertical



Site : 03CH04-KS
Condition : -13 3m HF PART 22/24/27 VERTICAL
Project : (F6)503006
Mode : 1
IMEI : 359812570032925 #5
Plane : X
: FULL--directivity
: 3.75KHz BPSK 1SC0

	Freq	Level	Over Limit	Limit Line	Read Level	Pol/Phase
	MHz	dBm/m	dB	dBm/m	dBm	
1	3285.00	-57.22	-44.22	-13.00	-74.08	VERTICAL
2	4935.00	-54.94	-41.94	-13.00	-76.09	VERTICAL
3 p	6570.00	-54.26	-41.26	-13.00	-76.50	VERTICAL

