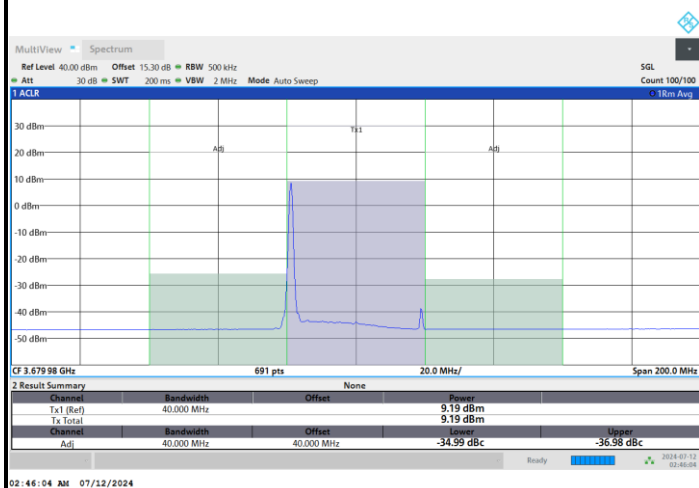




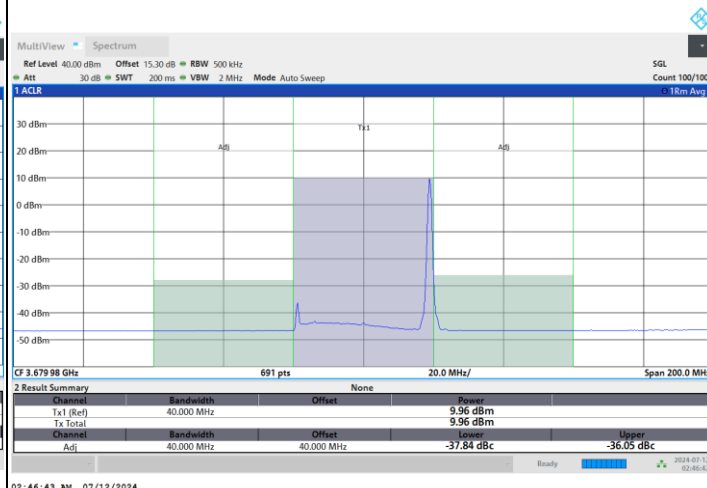
FR1 n48 / 40MHz / CP OFDM / 16QAM

Highest Channel

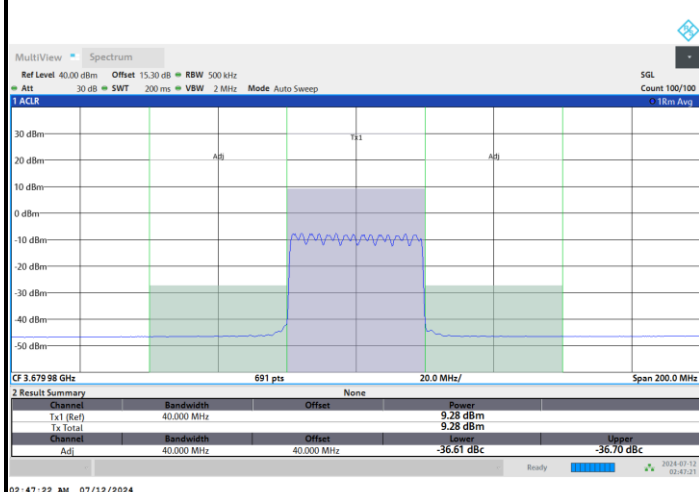
1RB0



1RBmax



Full RB

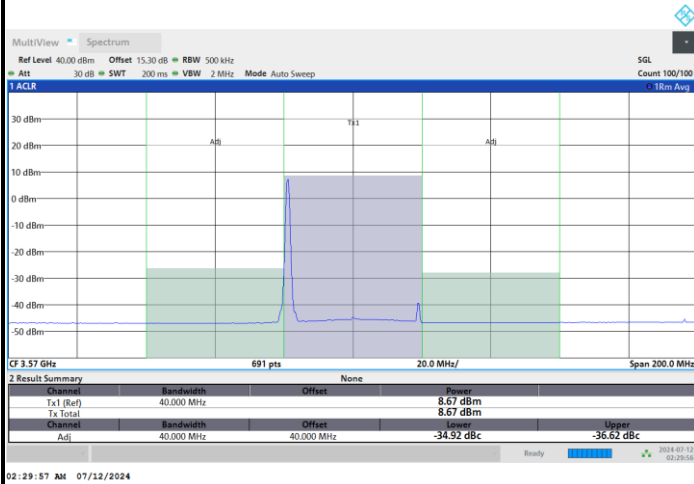




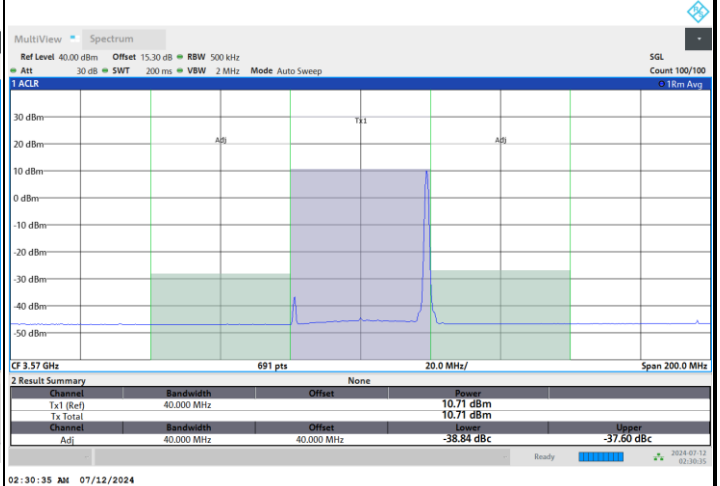
FR1 n48 / 40MHz / CP OFDM / 64QAM

Lowest Channel

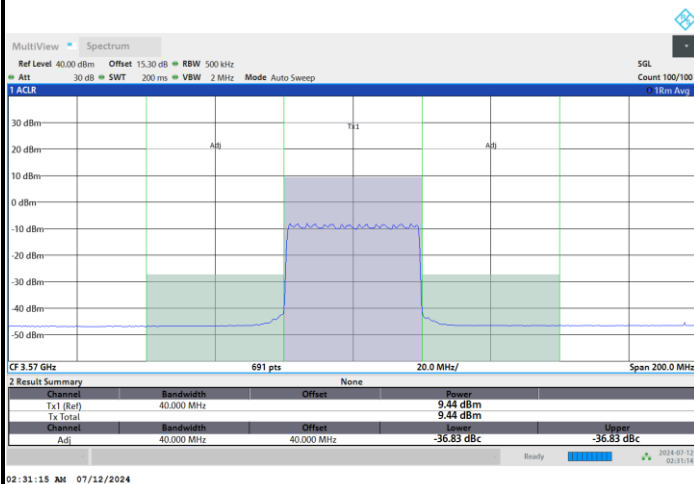
1RB0



1RBmax



Full RB

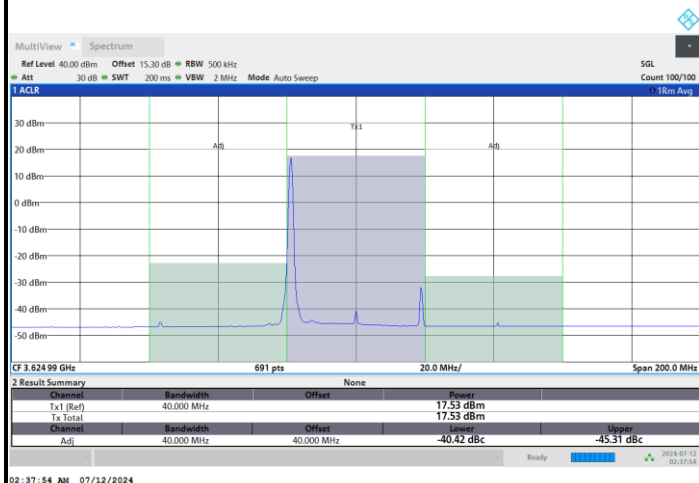




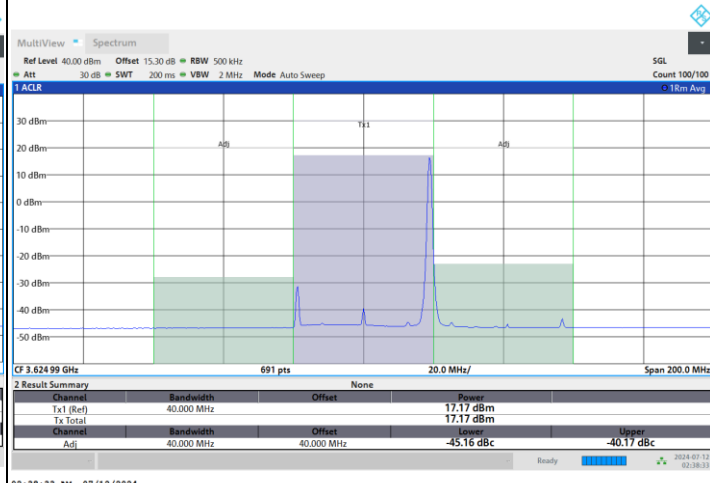
FR1 n48 / 40MHz / CP OFDM / 64QAM

Middle Channel

1RB0



1RBmax



Full RB

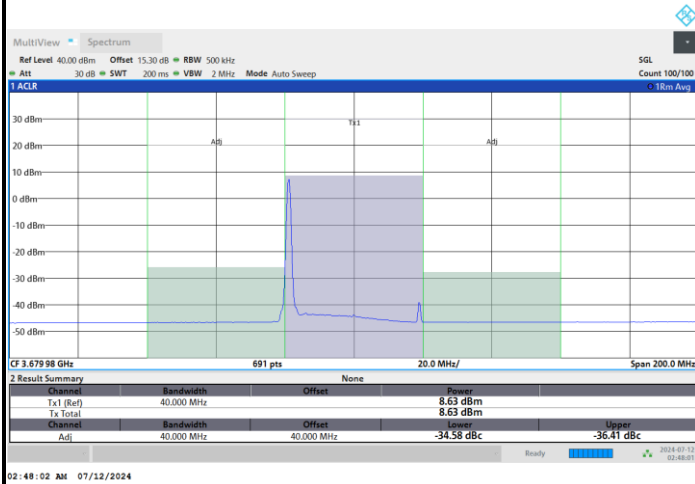




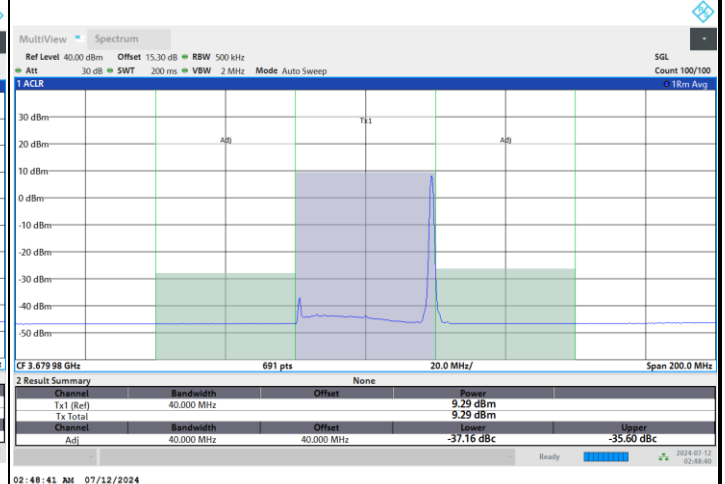
FR1 n48 / 40MHz / CP OFDM / 64QAM

Highest Channel

1RB0



1RBmax



Full RB

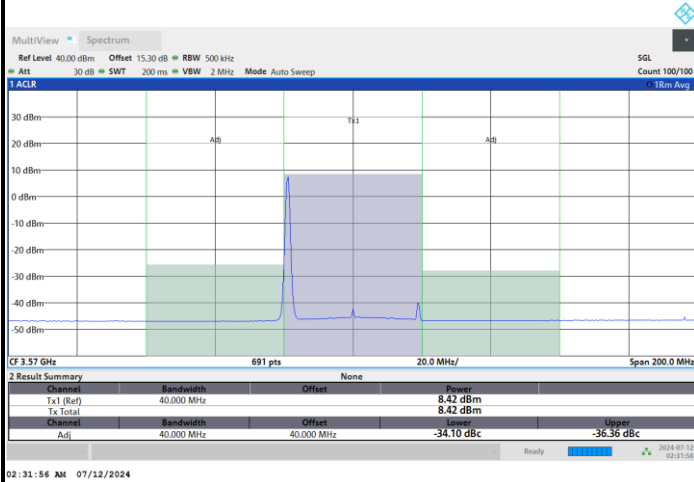




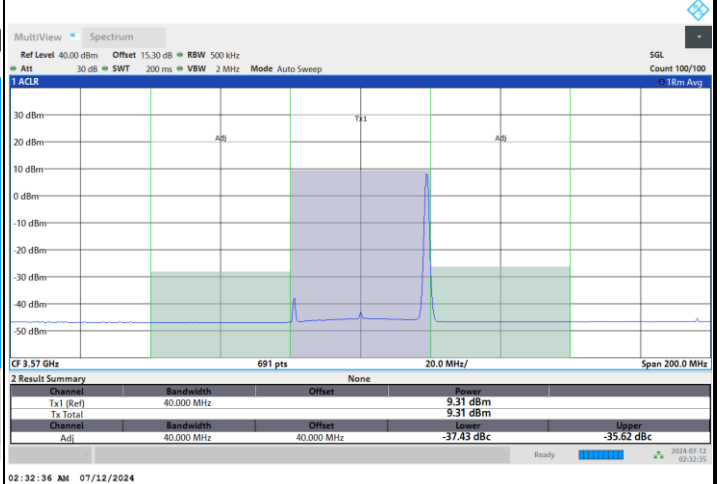
FR1 n48 / 40MHz / CP OFDM / 256QAM

Lowest Channel

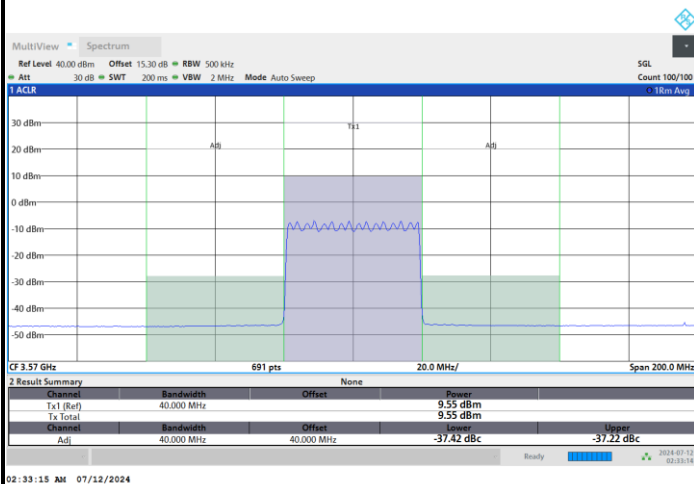
1RB0



1RBmax



Full RB

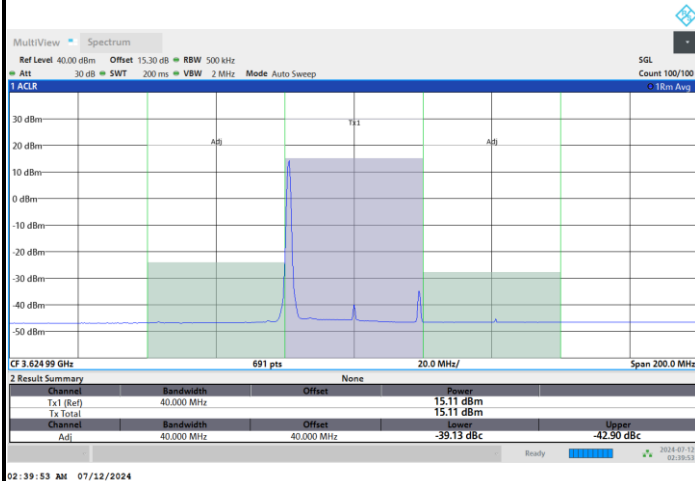




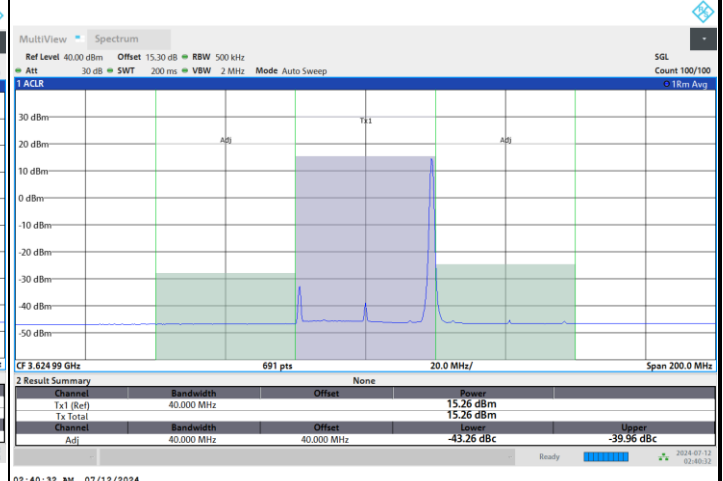
FR1 n48 / 40MHz / CP OFDM / 256QAM

Middle Channel

1RB0



1RBmax



Full RB

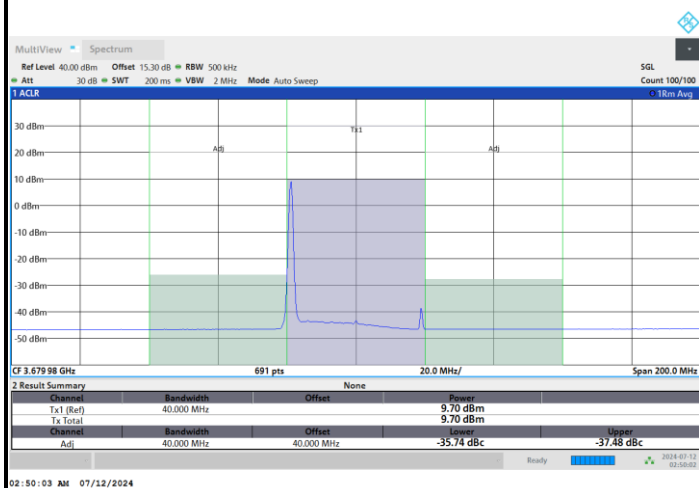




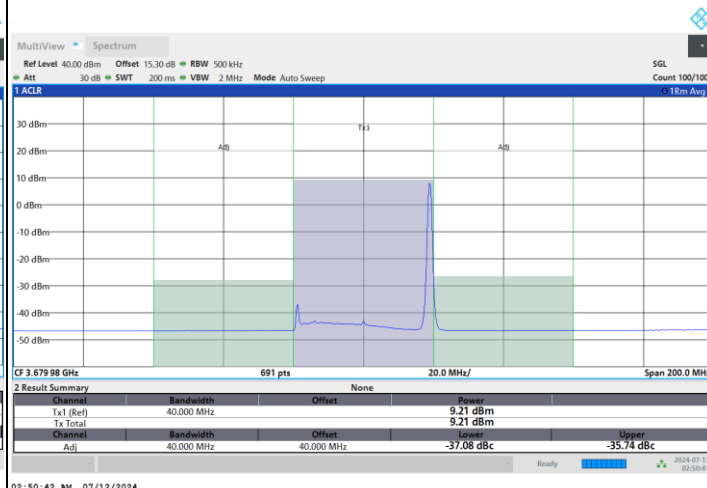
FR1 n48 / 40MHz / CP OFDM / 256QAM

Highest Channel

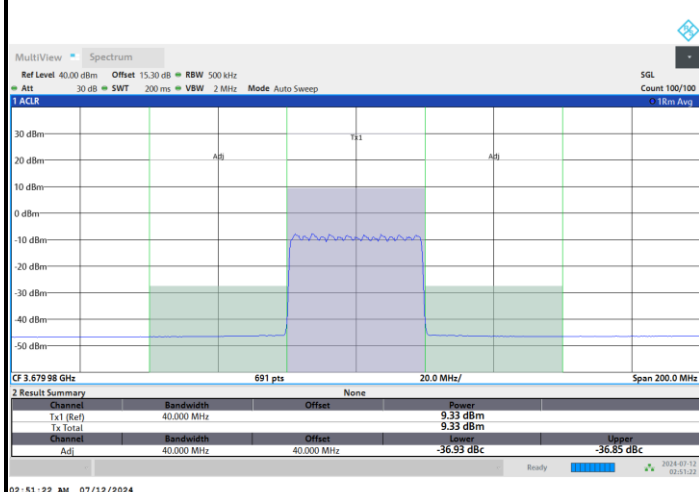
1RB0



1RBmax



Full RB

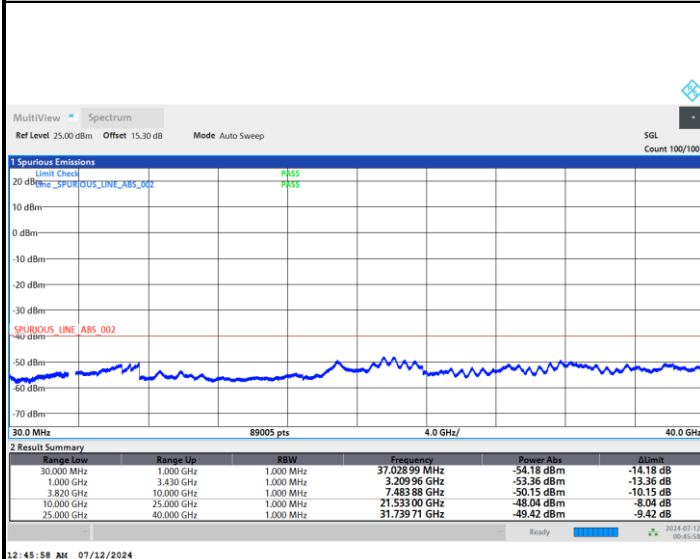




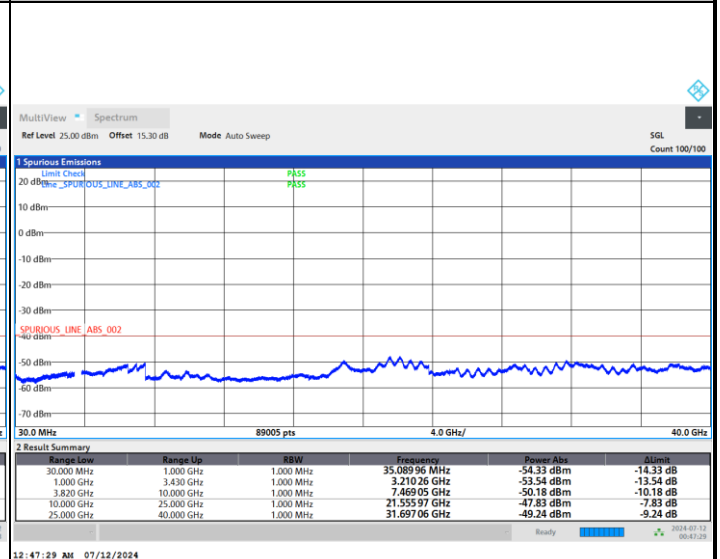
Conducted Spurious Emission

FR1 n48 / 10MHz / CP OFDM / QPSK / 1RB1

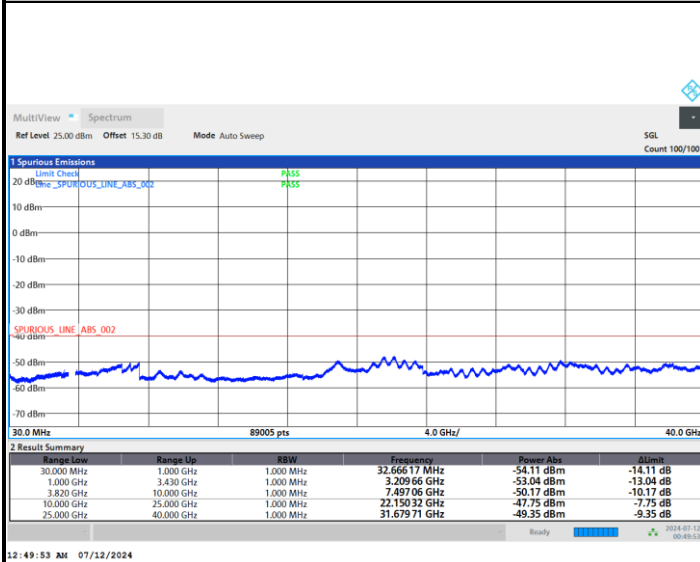
Lowest Channel



Middle Channel



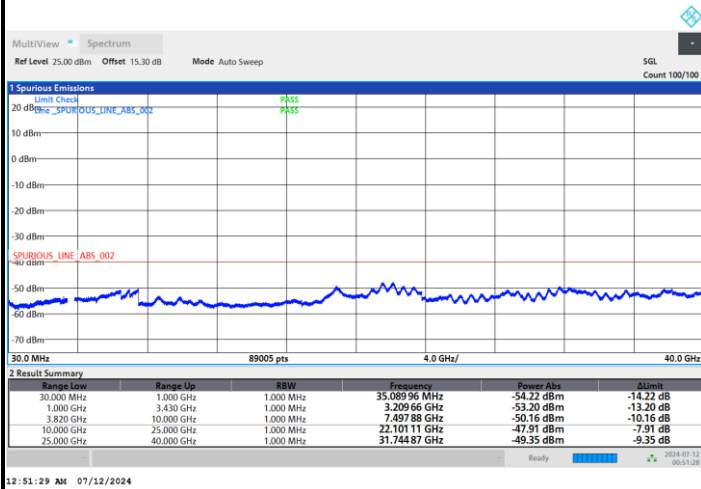
Highest Channel



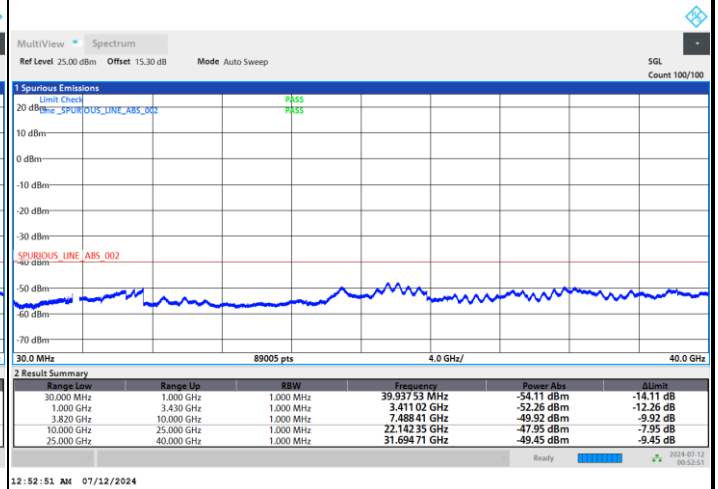


FR1 n48 / 15MHz / CP OFDM / QPSK / 1RB1

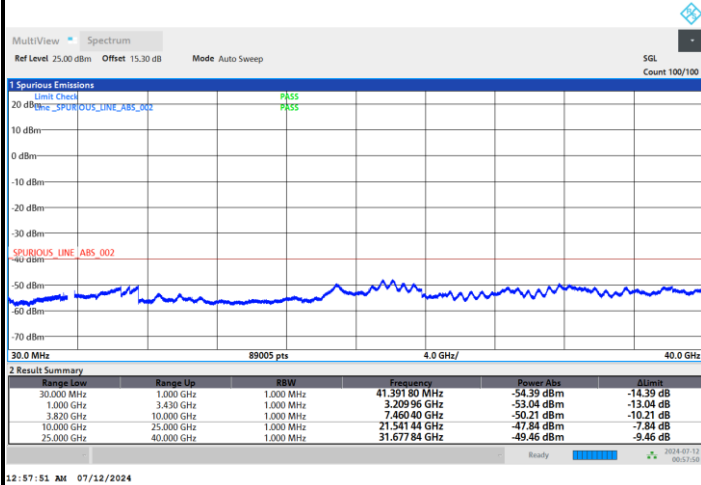
Lowest Channel



Middle Channel



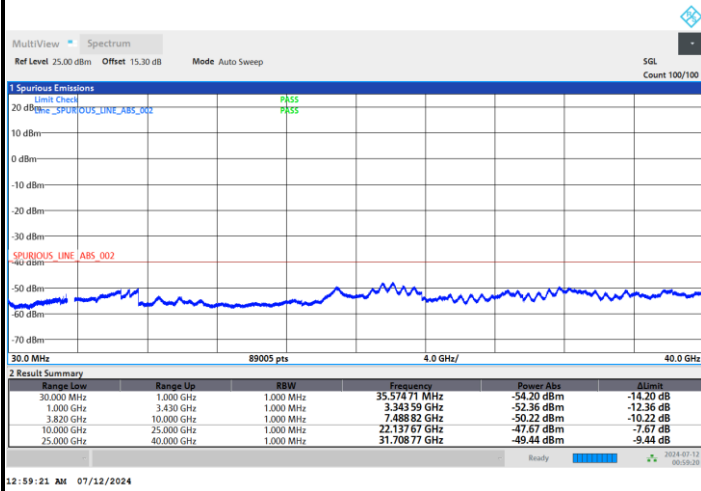
Highest Channel



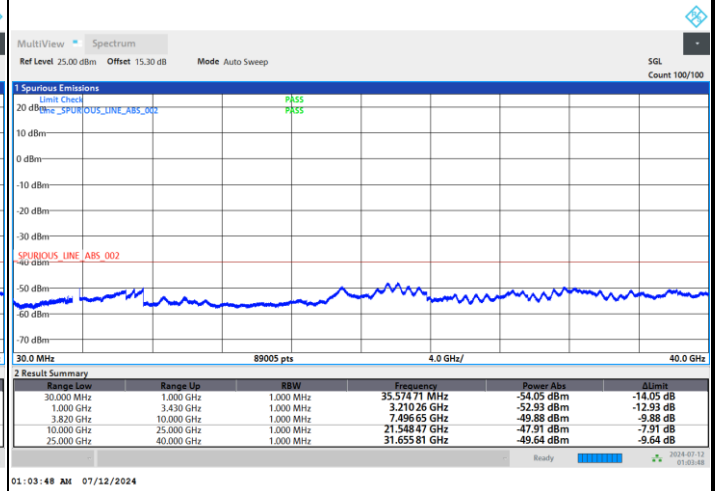


FR1 n48 / 20MHz / CP OFDM / QPSK / 1RB1

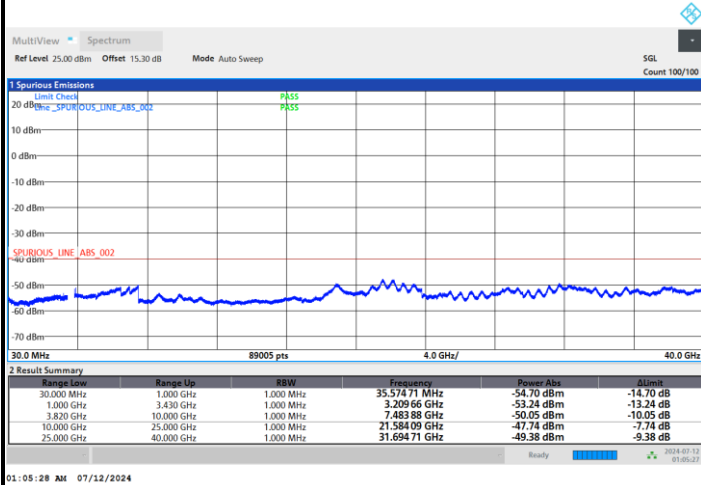
Lowest Channel



Middle Channel



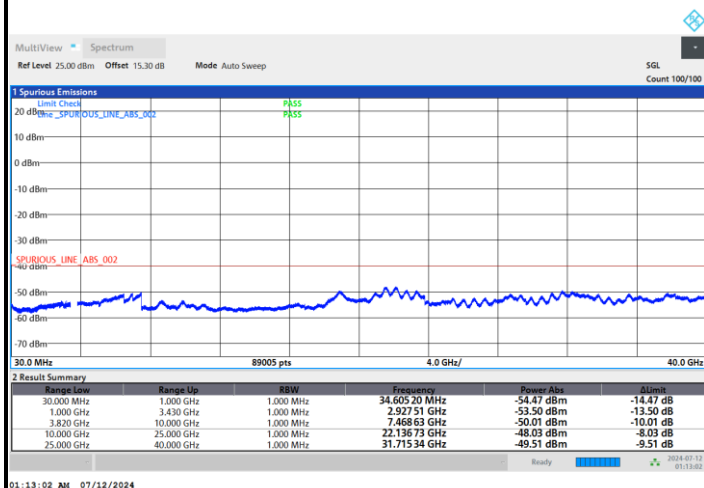
Highest Channel



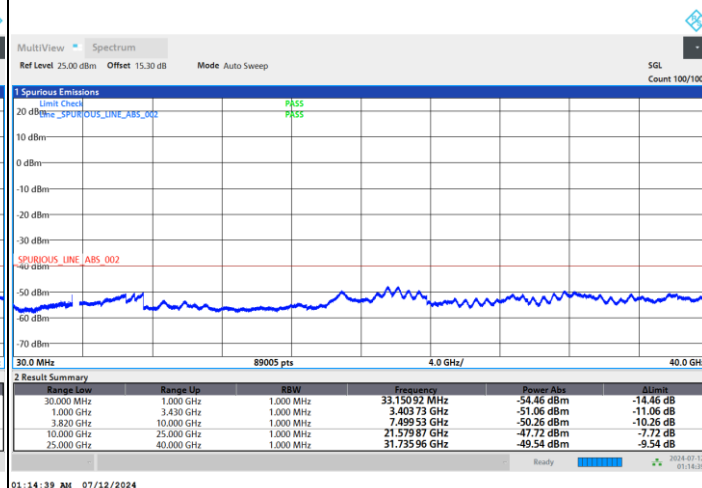


FR1 n48 / 30MHz / CP OFDM / QPSK / 1RB1

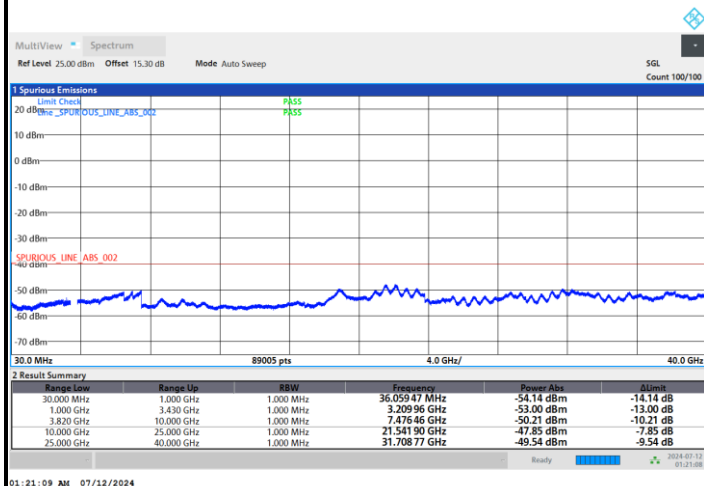
Lowest Channel



Middle Channel



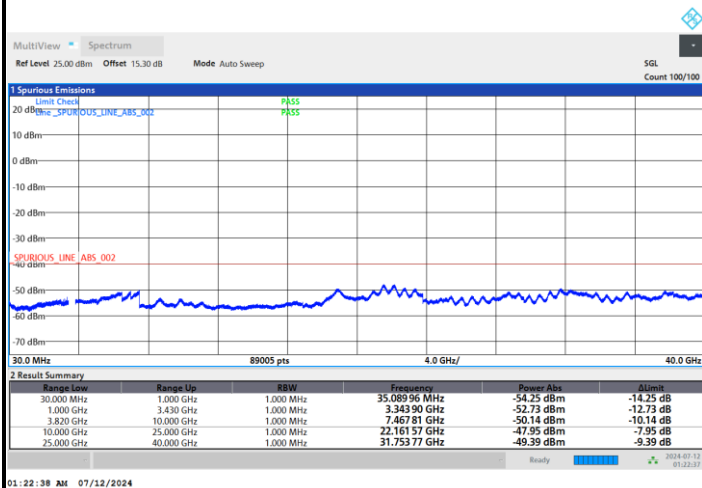
Highest Channel



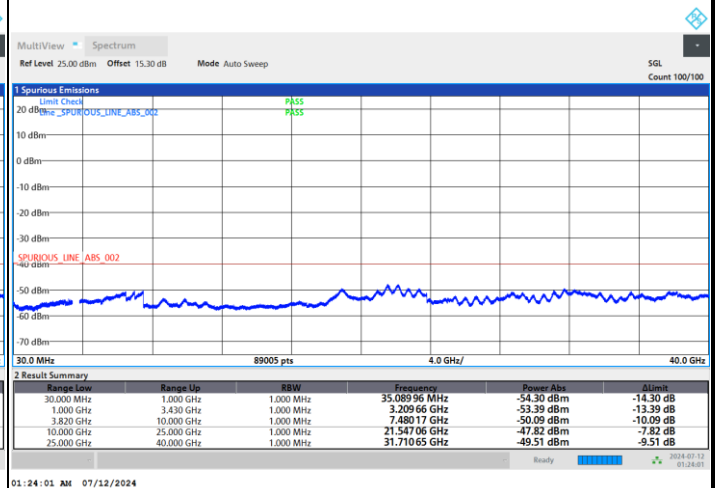


FR1 n48 / 40MHz / CP OFDM / QPSK / 1RB1

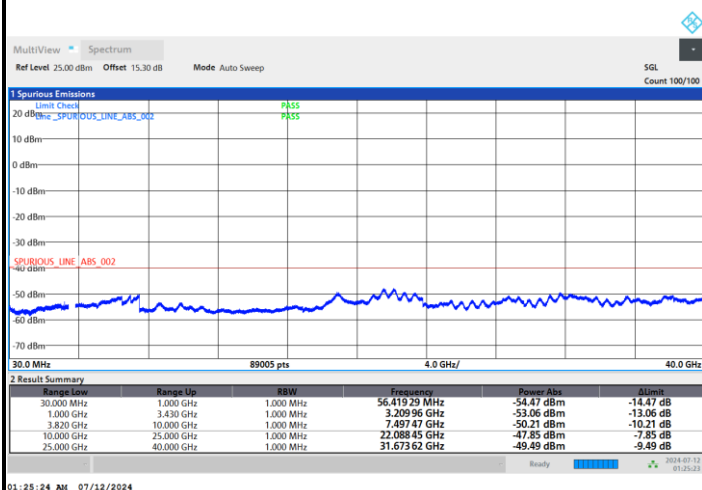
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0046	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0047	
0	Normal Voltage	0.0041	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0048	
-30	Normal Voltage	0.0049	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0048	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.465 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
177	Part 96	NR SA n48	M	14436	-44.78	RMS	40.33	-42.58	0.00	-95.23	52.70	-40.00	-4.78	H	2
178	Part 96	NR SA n48	M	7220	-53.35	RMS	36.84	-44.53	0.96	-95.23	48.61	-40.00	-13.35	H	0
179	Part 96	NR SA n48	M	14436	-50.77	RMS	40.33	-42.58	0.00	-95.23	46.71	-40.00	-10.77	H	1
180	Part 96	NR SA n48	M	14436	-53.02	RMS	40.33	-42.58	0.00	-95.23	44.46	-40.00	-13.02	H	3
181	Part 96	NR SA n48 MIMO	M	14436	-55.86	RMS	40.33	-42.58	0.00	-95.23	41.62	-40.00	-15.86	V	2+0
182	Part 96	NR SA n48 MIMO	M	14436	-52.33	RMS	40.33	-42.58	0.00	-95.23	45.15	-40.00	-12.33	H	2+1
183	Part 96	NR SA n48 MIMO	M	7220	-53.94	RMS	36.84	-44.53	0.96	-95.23	48.02	-40.00	-13.94	H	2+3
184	Part 96	NR SA n48 MIMO	M	7220	-50.79	RMS	36.84	-44.53	0.96	-95.23	51.17	-40.00	-10.79	H	0+1
185	Part 96	NR SA n48 MIMO	M	7220	-52.60	RMS	36.84	-44.53	0.96	-95.23	49.36	-40.00	-12.60	H	0+2
186	Part 96	NR SA n48 MIMO	M	7220	-54.19	RMS	36.84	-44.53	0.96	-95.23	47.77	-40.00	-14.19	H	0+3
187	Part 96	NR SA n48 MIMO	M	10828	-56.70	RMS	39.20	-43.65	0.29	-95.23	42.69	-40.00	-16.70	H	1+0
188	Part 96	NR SA n48 MIMO	M	7220	-54.83	RMS	36.84	-44.53	0.96	-95.23	47.13	-40.00	-14.83	H	1+2
189	Part 96	NR SA n48 MIMO	M	7220	-55.52	RMS	36.84	-44.53	0.96	-95.23	46.44	-40.00	-15.52	H	1+3
190	Part 96	NR SA n48 MIMO	M	10828	-55.16	RMS	39.20	-43.65	0.29	-95.23	44.23	-40.00	-15.16	V	3+0
191	Part 96	NR SA n48 MIMO	M	7220	-55.16	RMS	36.84	-44.53	0.96	-95.23	0.00	-40.00	-15.16	H	3+1
192	Part 96	NR SA n48 MIMO	M	7220	-55.25	RMS	36.84	-44.53	0.96	-95.23	46.71	-40.00	-15.25	H	3+2

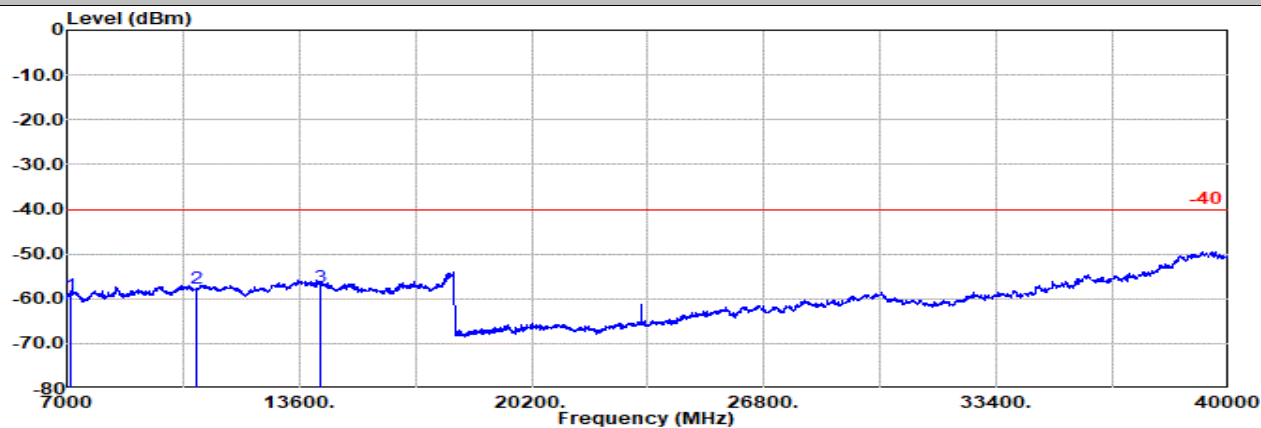


Ant. 2

Part 96 Mode 177

NR SA n48 40M Ch638000 1RB1 BPSK

L

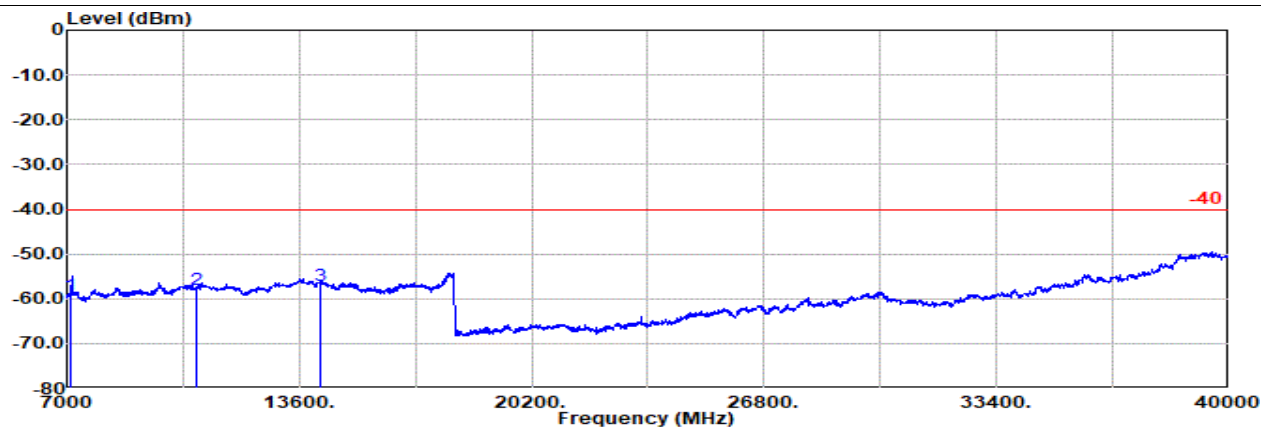


Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Horizontal

: NR n48 40M Ch638000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7110.00	-59.02	RMS	36.36	-44.56	1.00	-95.23	43.41	-40.00	-19.02	Horizontal
2	10663.00	-57.70	RMS	39.30	-43.41	0.28	-95.23	41.36	-40.00	-17.70	Horizontal
3	14216.00	-57.22	RMS	40.67	-43.18	-0.04	-95.23	40.56	-40.00	-17.22	Horizontal



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Vertical

: NR n48 40M Ch638000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7110.00	-59.24	RMS	36.36	-44.56	1.00	-95.23	43.19	-40.00	-19.24	Vertical
2	10663.00	-57.99	RMS	39.30	-43.41	0.28	-95.23	41.07	-40.00	-17.99	Vertical
3	14216.00	-56.95	RMS	40.67	-43.18	-0.04	-95.23	40.83	-40.00	-16.95	Vertical

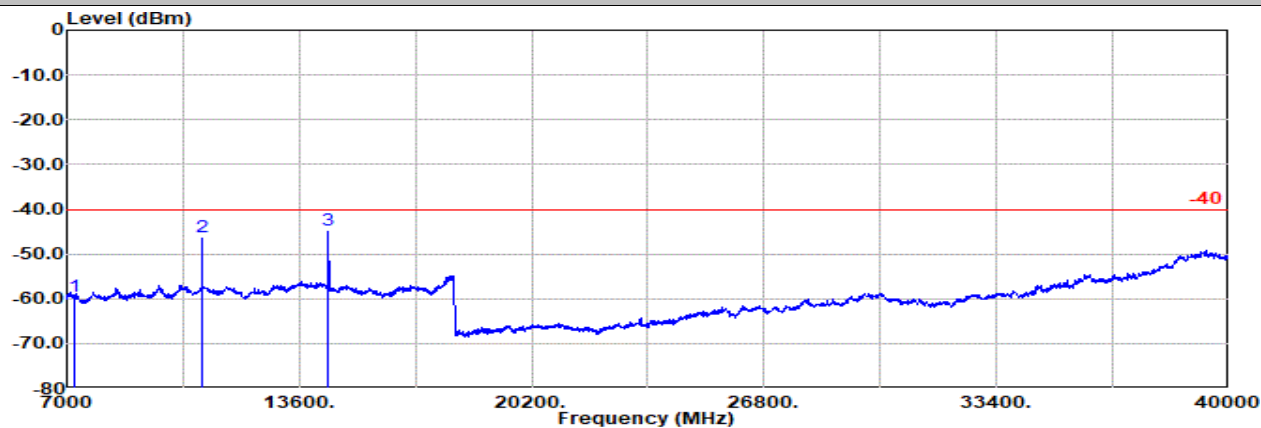


Ant. 2

Part 96 Mode 177

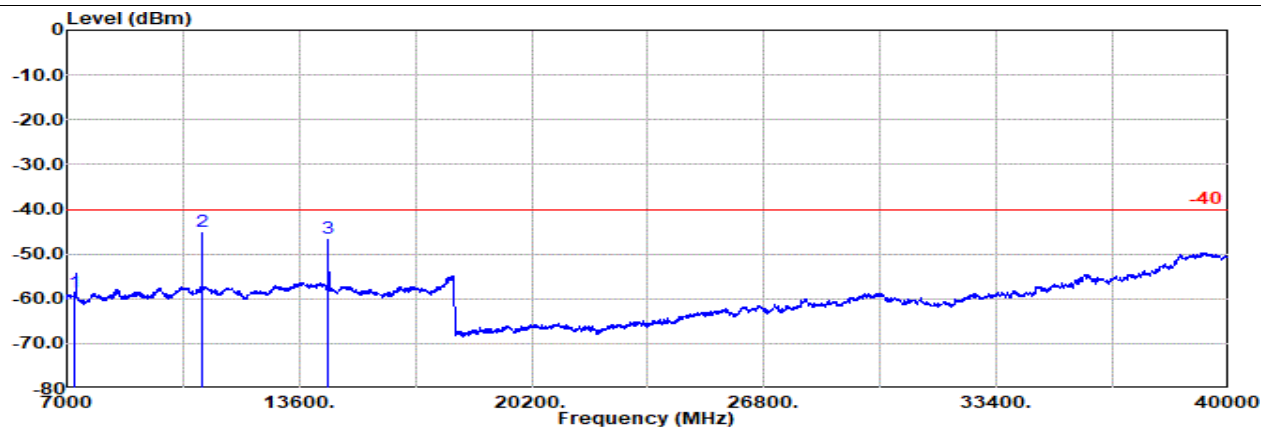
NR SA n48 40M Ch641666 1RB1 BPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-59.36	RMS	36.84	-44.53	0.96	-95.23	42.60	-40.00	-19.36	Horizontal
2	10828.00	-46.28	RMS	39.20	-43.65	0.29	-95.23	53.11	-40.00	-6.28	Horizontal
3	14436.00	-44.78	RMS	40.33	-42.58	0.00	-95.23	52.70	-40.00	-4.78	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-58.59	RMS	36.84	-44.53	0.96	-95.23	43.37	-40.00	-18.59	Vertical
2	10828.00	-44.92	RMS	39.20	-43.65	0.29	-95.23	54.47	-40.00	-4.92	Vertical
3	14436.00	-46.35	RMS	40.33	-42.58	0.00	-95.23	51.13	-40.00	-6.35	Vertical

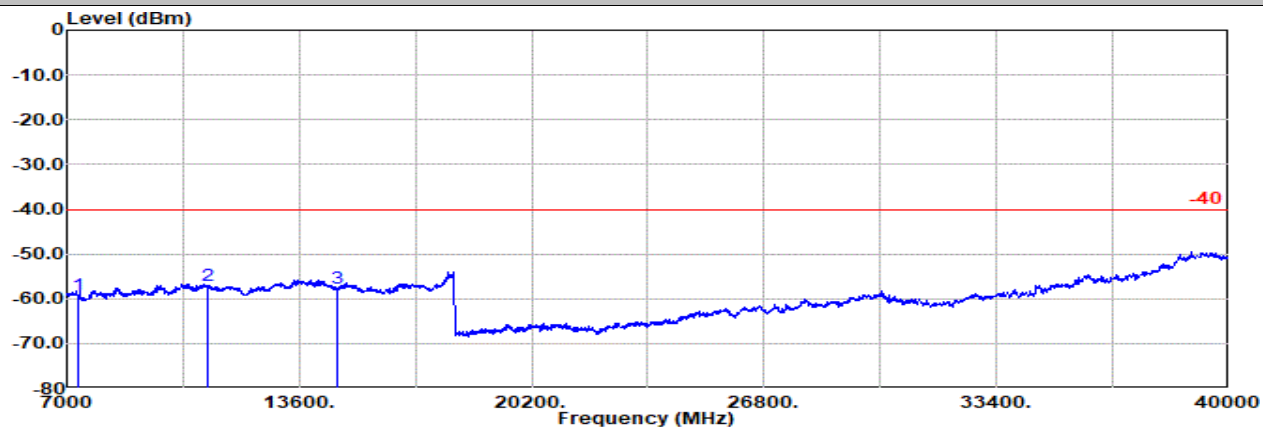


Ant. 2

Part 96 Mode 177

NR SA n48 40M Ch645332 1RB1 BPSK

H

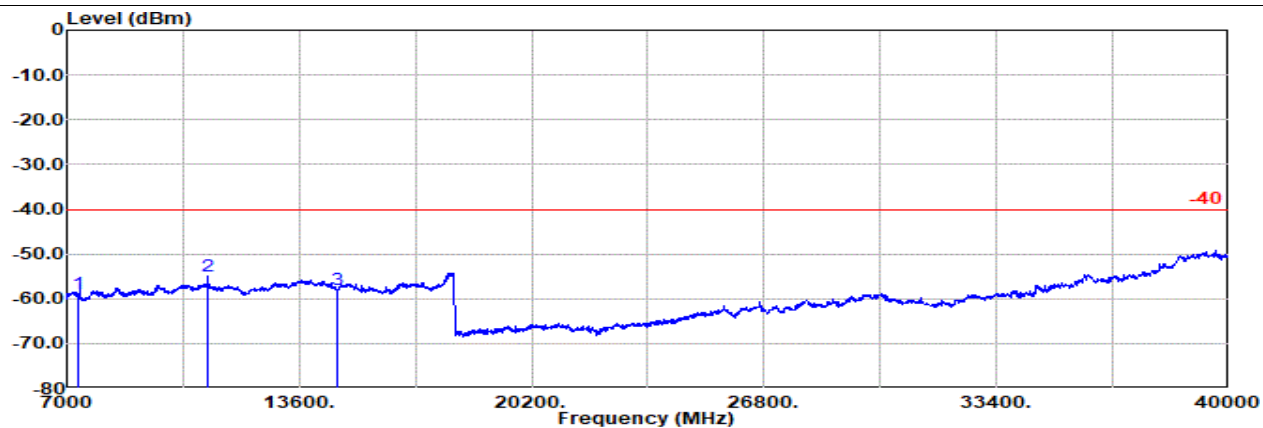


Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Horizontal

: NR n48 40M Ch645332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBm	dB		
1	7330.00	-59.12	RMS	36.78	-44.39	0.95	-95.23	42.77	-40.00	-19.12	Horizontal
2	10993.00	-57.12	RMS	38.91	-43.89	0.29	-95.23	42.80	-40.00	-17.12	Horizontal
3	14656.00	-57.78	RMS	40.18	-42.32	0.04	-95.23	39.55	-40.00	-17.78	Horizontal



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Vertical

: NR n48 40M Ch645332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBm	dB		
1	7330.00	-59.01	RMS	36.78	-44.39	0.95	-95.23	42.88	-40.00	-19.01	Vertical
2	10993.00	-55.03	RMS	38.91	-43.89	0.29	-95.23	44.89	-40.00	-15.03	Vertical
3	14656.00	-58.01	RMS	40.18	-42.32	0.04	-95.23	39.32	-40.00	-18.01	Vertical

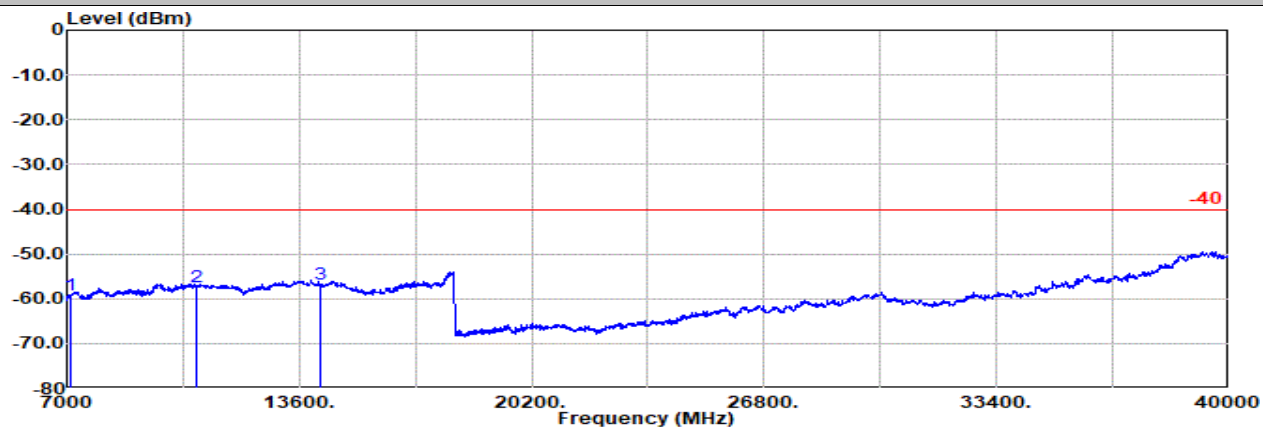


Ant. 0

Part 96 Mode 178

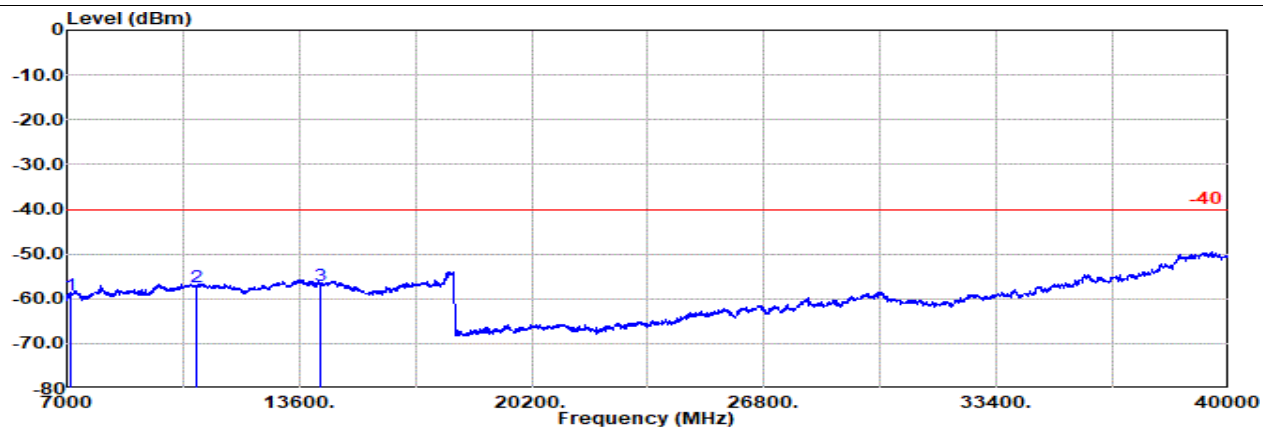
NR SA n48 40M Ch638000 1RB1 BPSK

L



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Horizontal
: NR n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7110.00	-59.31	RMS	36.36	-44.56	1.00	-95.23	43.12	-40.00	-19.31 Horizontal
2	10663.00	-57.28	RMS	39.30	-43.41	0.28	-95.23	41.78	-40.00	-17.28 Horizontal
3	14216.00	-56.89	RMS	40.67	-43.18	-0.04	-95.23	40.89	-40.00	-16.89 Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Vertical
: NR n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7110.00	-59.24	RMS	36.36	-44.56	1.00	-95.23	43.19	-40.00	-19.24 Vertical
2	10663.00	-57.22	RMS	39.30	-43.41	0.28	-95.23	41.84	-40.00	-17.22 Vertical
3	14216.00	-57.19	RMS	40.67	-43.18	-0.04	-95.23	40.59	-40.00	-17.19 Vertical

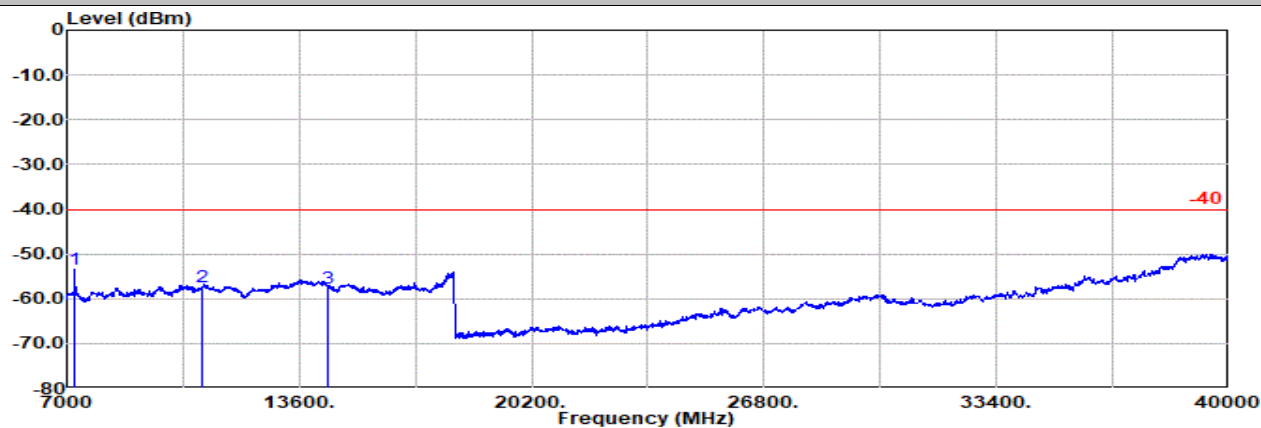


Ant. 0

Part 96 Mode 178

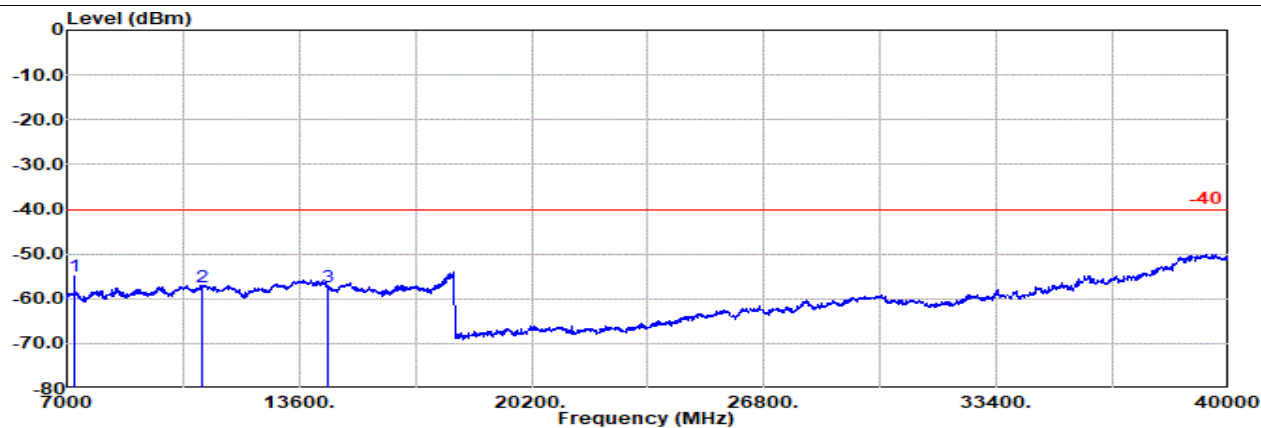
NR SA n48 40M Ch641666 1RB1 BPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-53.35	RMS	36.84	-44.53	0.96	-95.23	48.61	-40.00	-13.35	Horizontal
2	10828.00	-57.36	RMS	39.20	-43.65	0.29	-95.23	42.03	-40.00	-17.36	Horizontal
3	14436.00	-57.65	RMS	40.33	-42.58	0.00	-95.23	39.83	-40.00	-17.65	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-55.05	RMS	36.84	-44.53	0.96	-95.23	46.91	-40.00	-15.05	Vertical
2	10828.00	-57.46	RMS	39.20	-43.65	0.29	-95.23	41.93	-40.00	-17.46	Vertical
3	14436.00	-57.35	RMS	40.33	-42.58	0.00	-95.23	40.13	-40.00	-17.35	Vertical

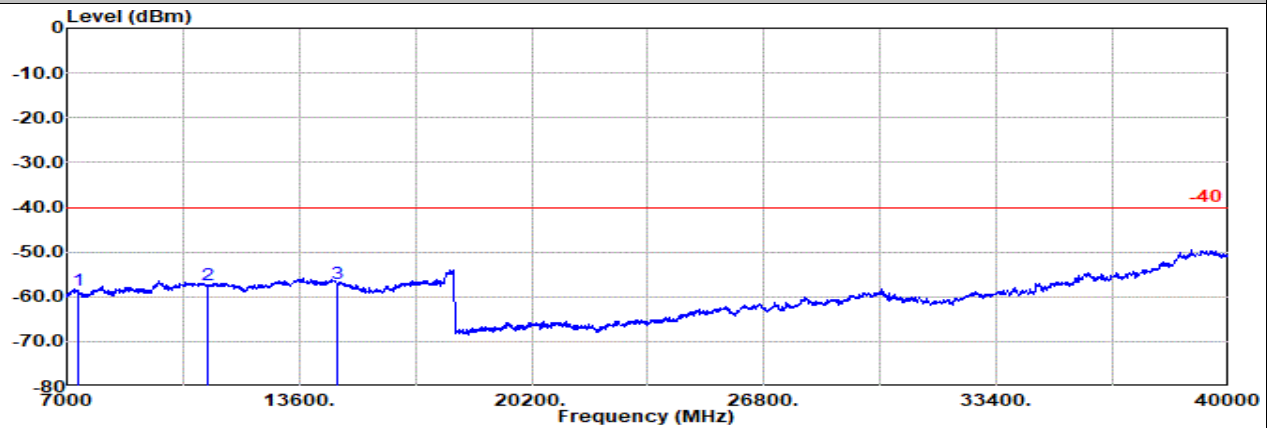


Ant. 0

Part 96 Mode 178

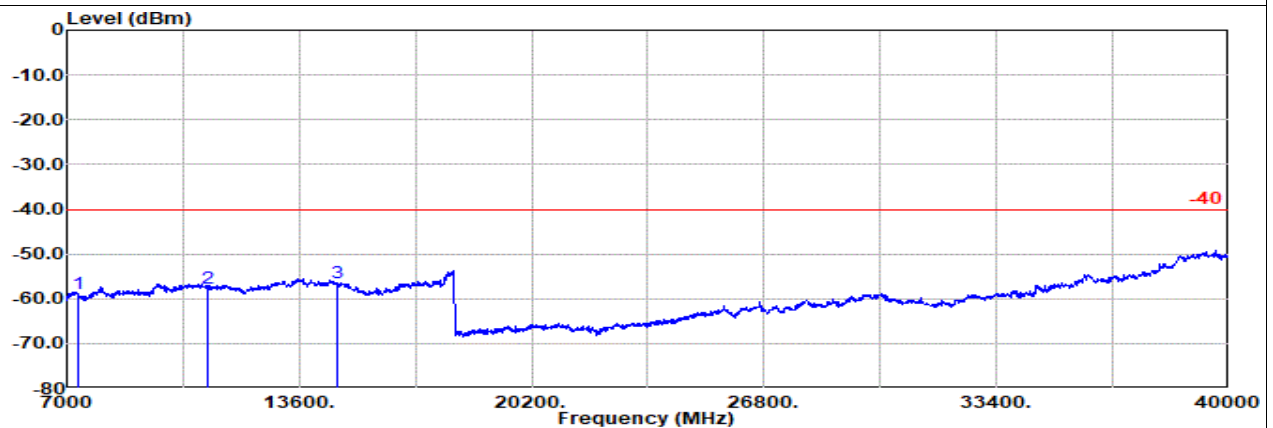
NR SA n48 40M Ch645332 1RB1 BPSK

H



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch645332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7330.00	-58.69	RMS	36.78	-44.39	0.95	-95.23	43.20	-40.00	-18.69	Horizontal
2	10993.00	-57.40	RMS	38.91	-43.89	0.29	-95.23	42.52	-40.00	-17.40	Horizontal
3	14656.00	-56.91	RMS	40.18	-42.32	0.04	-95.23	40.42	-40.00	-16.91	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch645332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7330.00	-58.96	RMS	36.78	-44.39	0.95	-95.23	42.93	-40.00	-18.96	Vertical
2	10993.00	-57.56	RMS	38.91	-43.89	0.29	-95.23	42.36	-40.00	-17.56	Vertical
3	14656.00	-56.46	RMS	40.18	-42.32	0.04	-95.23	40.87	-40.00	-16.46	Vertical

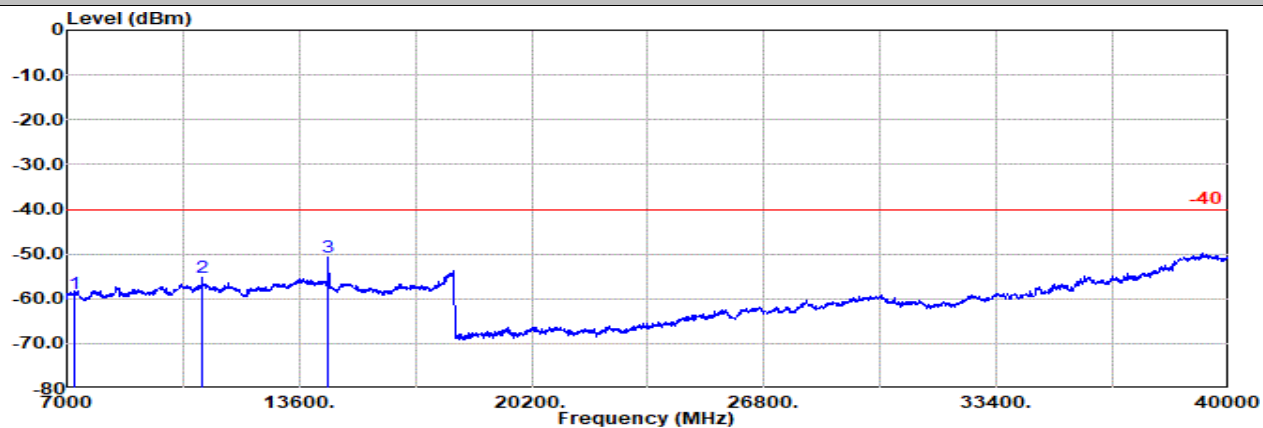


Ant. 1

Part 96 Mode 179

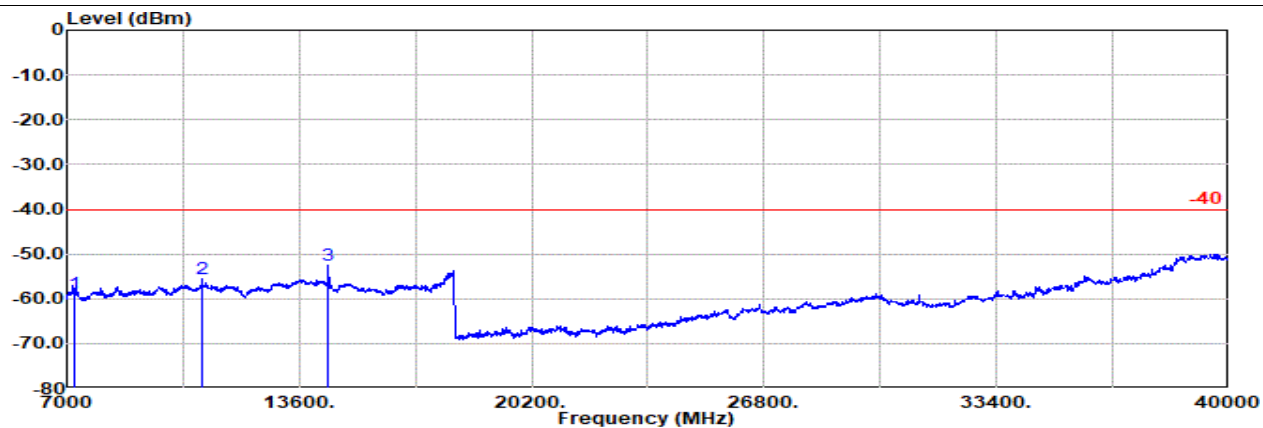
NR SA n48 40M Ch641666 1RB1 BPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-58.79	RMS	36.84	-44.53	0.96	-95.23	43.17	-40.00	-18.79	Horizontal
2	10828.00	-55.14	RMS	39.20	-43.65	0.29	-95.23	44.25	-40.00	-15.14	Horizontal
3	14436.00	-50.77	RMS	40.33	-42.58	0.00	-95.23	46.71	-40.00	-10.77	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-58.83	RMS	36.84	-44.53	0.96	-95.23	43.13	-40.00	-18.83	Vertical
2	10828.00	-55.50	RMS	39.20	-43.65	0.29	-95.23	43.89	-40.00	-15.50	Vertical
3	14436.00	-52.62	RMS	40.33	-42.58	0.00	-95.23	44.86	-40.00	-12.62	Vertical

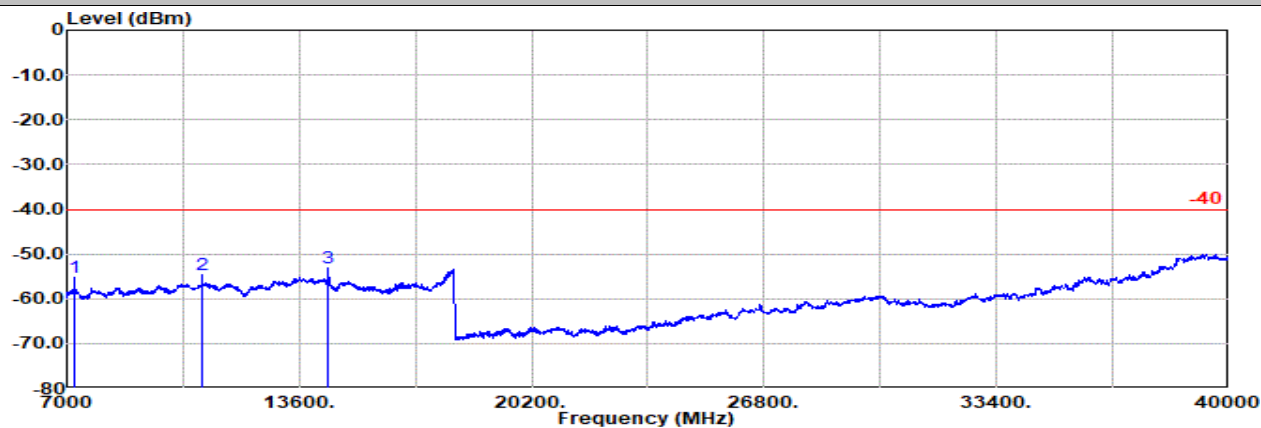


Ant. 3

Part 96 Mode 180

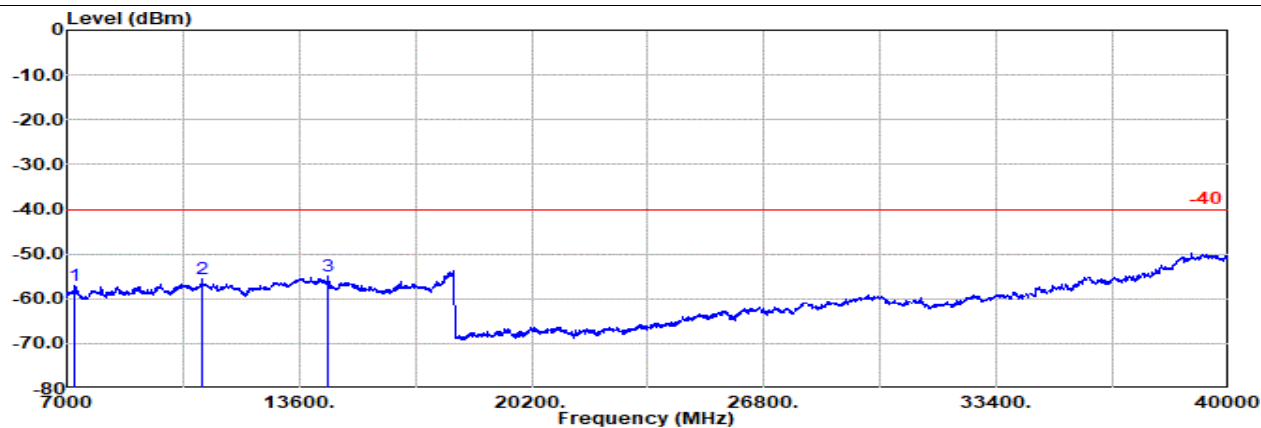
NR SA n48 40M Ch641666 1RB1 BPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-55.24	RMS	36.84	-44.53	0.96	-95.23	46.72	-40.00	-15.24	Horizontal
2	10828.00	-54.54	RMS	39.20	-43.65	0.29	-95.23	44.85	-40.00	-14.54	Horizontal
3	14436.00	-53.02	RMS	40.33	-42.58	0.00	-95.23	44.46	-40.00	-13.02	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-57.15	RMS	36.84	-44.53	0.96	-95.23	44.81	-40.00	-17.15	Vertical
2	10828.00	-55.60	RMS	39.20	-43.65	0.29	-95.23	43.79	-40.00	-15.60	Vertical
3	14436.00	-54.99	RMS	40.33	-42.58	0.00	-95.23	42.49	-40.00	-14.99	Vertical

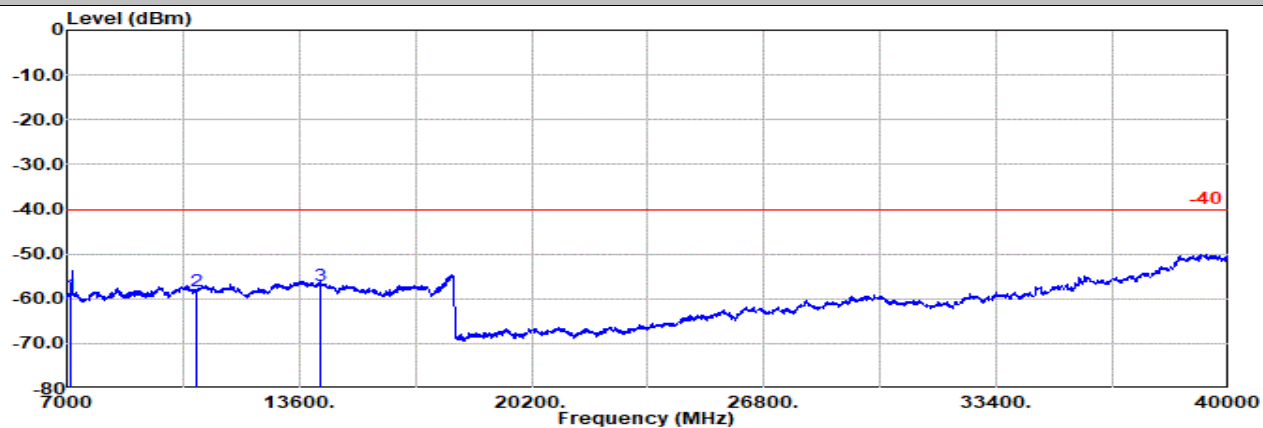


MIMO<Ant. 2+0>

Part 96 Mode 181

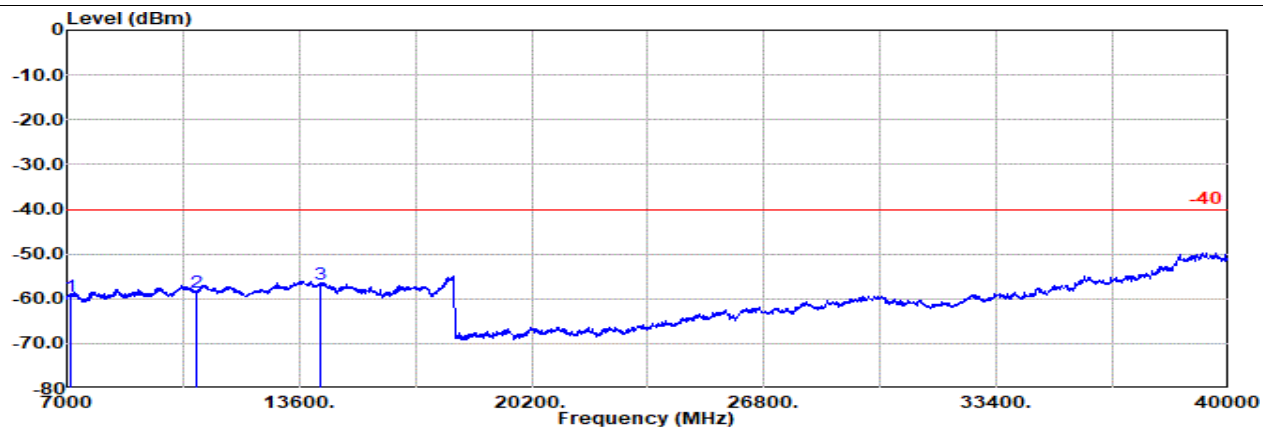
NR SA n48 MIMO 40M Ch638000 1RB1 QPSK

L



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7110.00	-59.03	RMS	36.36	-44.56	1.00	-95.23	43.40	-40.00	-19.03	Horizontal
2	10663.00	-58.22	RMS	39.30	-43.41	0.28	-95.23	40.84	-40.00	-18.22	Horizontal
3	14216.00	-57.02	RMS	40.67	-43.18	-0.04	-95.23	40.76	-40.00	-17.02	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7110.00	-59.35	RMS	36.36	-44.56	1.00	-95.23	43.08	-40.00	-19.35	Vertical
2	10663.00	-58.44	RMS	39.30	-43.41	0.28	-95.23	40.62	-40.00	-18.44	Vertical
3	14216.00	-56.79	RMS	40.67	-43.18	-0.04	-95.23	40.99	-40.00	-16.79	Vertical

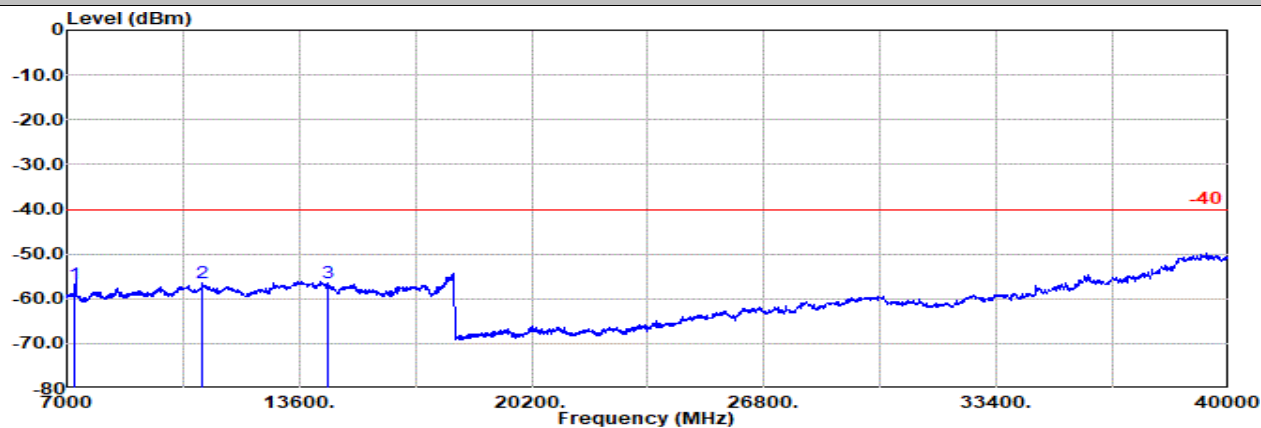


MIMO<Ant. 2+0>

Part 96 Mode 181

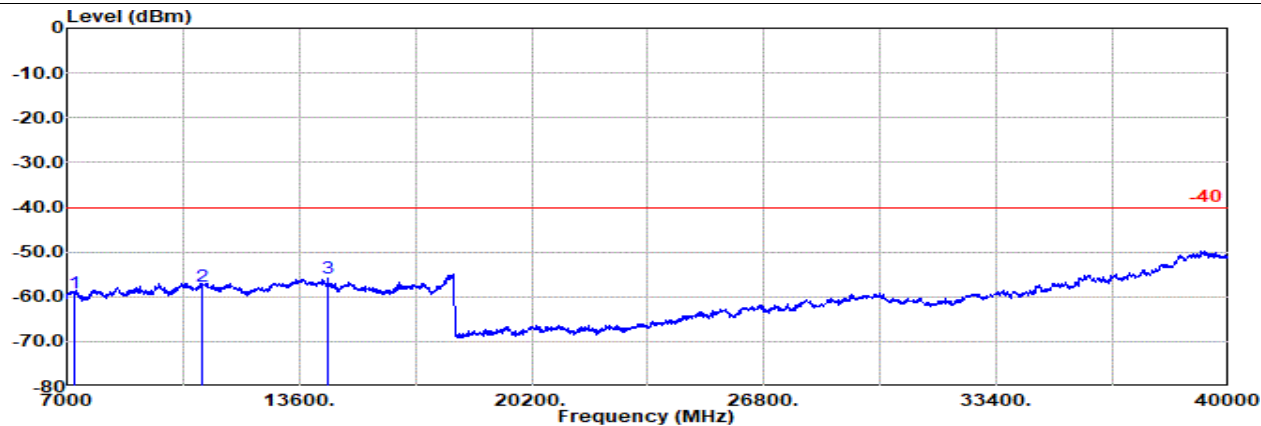
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-56.84	RMS	36.84	-44.53	0.96	-95.23	45.12	-40.00	-16.84	Horizontal
2	10828.00	-56.43	RMS	39.20	-43.65	0.29	-95.23	42.96	-40.00	-16.43	Horizontal
3	14436.00	-56.57	RMS	40.33	-42.58	0.00	-95.23	40.91	-40.00	-16.57	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-59.26	RMS	36.84	-44.53	0.96	-95.23	42.70	-40.00	-19.26	Vertical
2	10828.00	-57.51	RMS	39.20	-43.65	0.29	-95.23	41.88	-40.00	-17.51	Vertical
3	14436.00	-55.86	RMS	40.33	-42.58	0.00	-95.23	41.62	-40.00	-15.86	Vertical

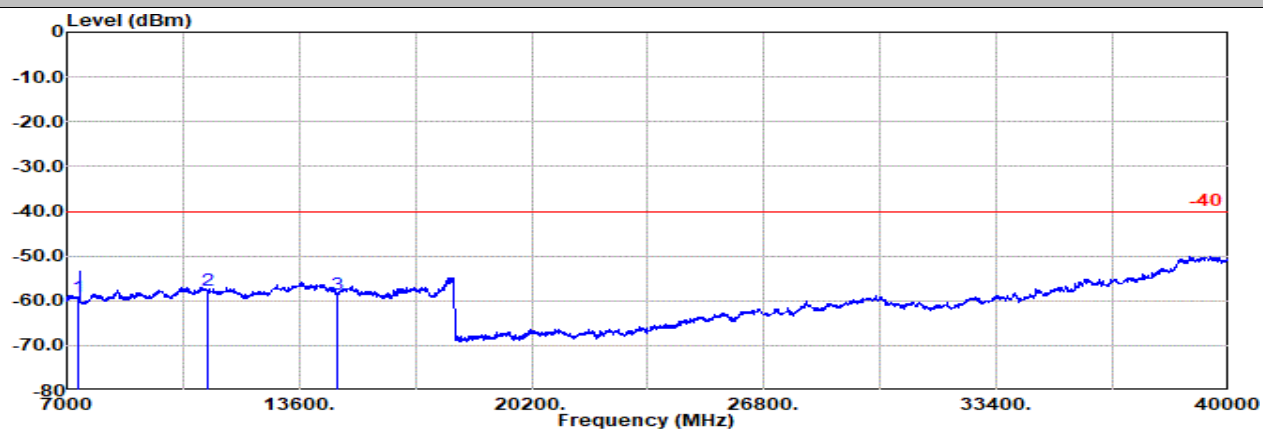


MIMO<Ant. 2+0>

Part 96 Mode 181

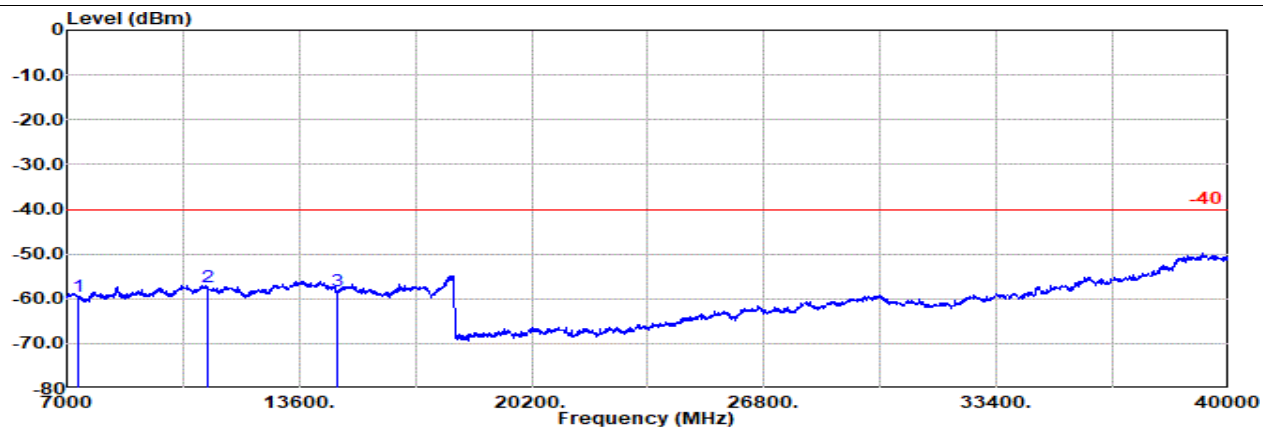
NR SA n48 MIMO 40M Ch645332 1RB1 QPSK

H



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch645332 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7330.00	-59.11	RMS	36.78	-44.39	0.95	-95.23	42.78	-40.00	-19.11
2	10993.00	-57.63	RMS	38.91	-43.89	0.29	-95.23	42.29	-40.00	-17.63
3	14656.00	-58.47	RMS	40.18	-42.32	0.04	-95.23	38.86	-40.00	-18.47



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch645332 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7330.00	-59.44	RMS	36.78	-44.39	0.95	-95.23	42.45	-40.00	-19.44
2	10993.00	-57.32	RMS	38.91	-43.89	0.29	-95.23	42.60	-40.00	-17.32
3	14656.00	-58.36	RMS	40.18	-42.32	0.04	-95.23	38.97	-40.00	-18.36

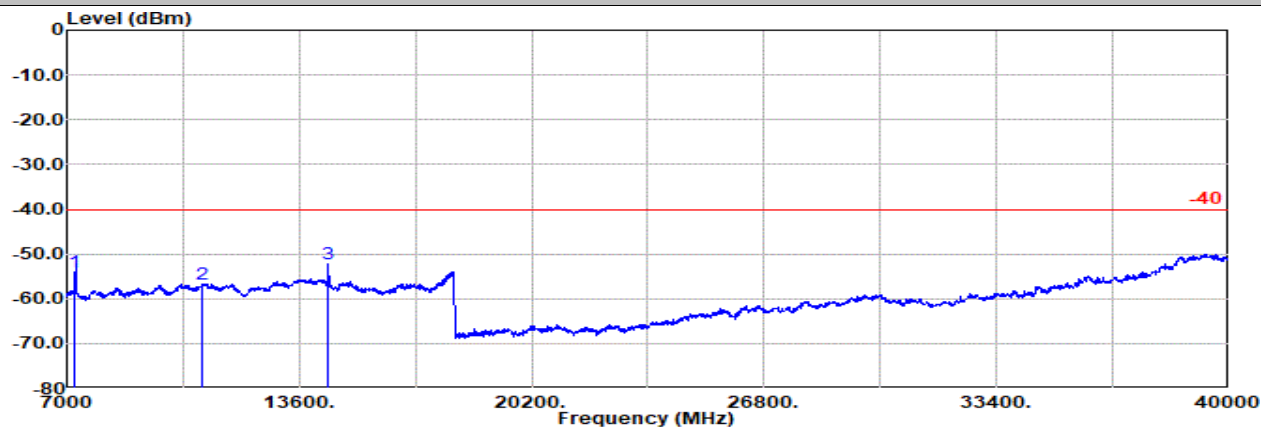


MIMO<Ant. 2+1>

Part 96 Mode 182

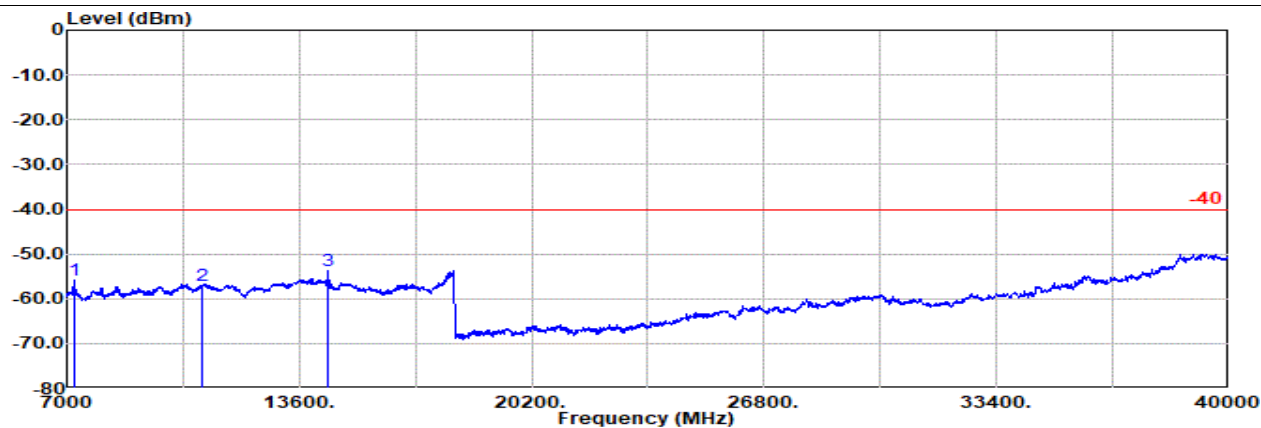
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-54.03	RMS	36.84	-44.53	0.96	-95.23	47.93	-40.00	-14.03	Horizontal
2	10828.00	-56.73	RMS	39.20	-43.65	0.29	-95.23	42.66	-40.00	-16.73	Horizontal
3	14436.00	-52.33	RMS	40.33	-42.58	0.00	-95.23	45.15	-40.00	-12.33	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-55.83	RMS	36.84	-44.53	0.96	-95.23	46.13	-40.00	-15.83	Vertical
2	10828.00	-57.19	RMS	39.20	-43.65	0.29	-95.23	42.20	-40.00	-17.19	Vertical
3	14436.00	-53.62	RMS	40.33	-42.58	0.00	-95.23	43.86	-40.00	-13.62	Vertical

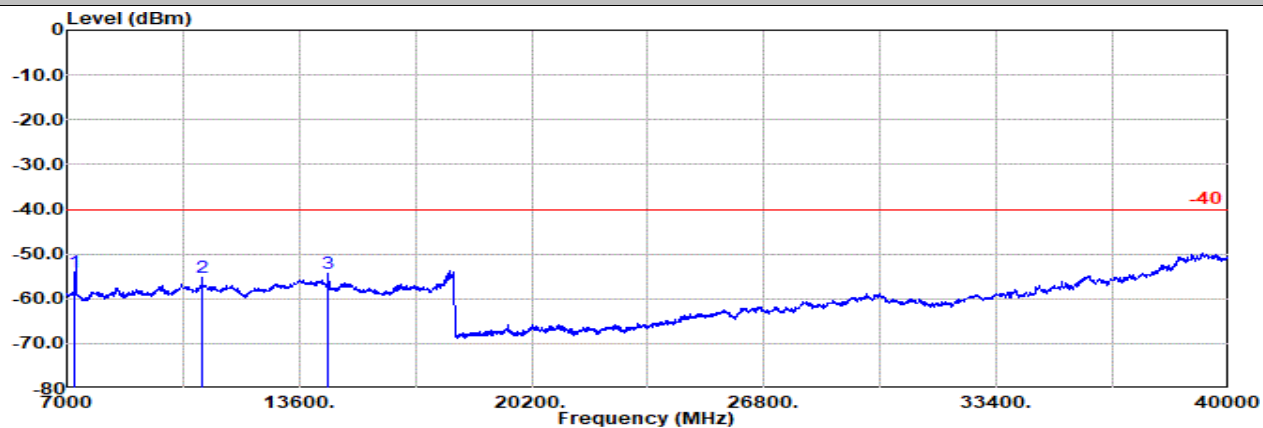


MIMO<Ant. 2+3>

Part 96 Mode 183

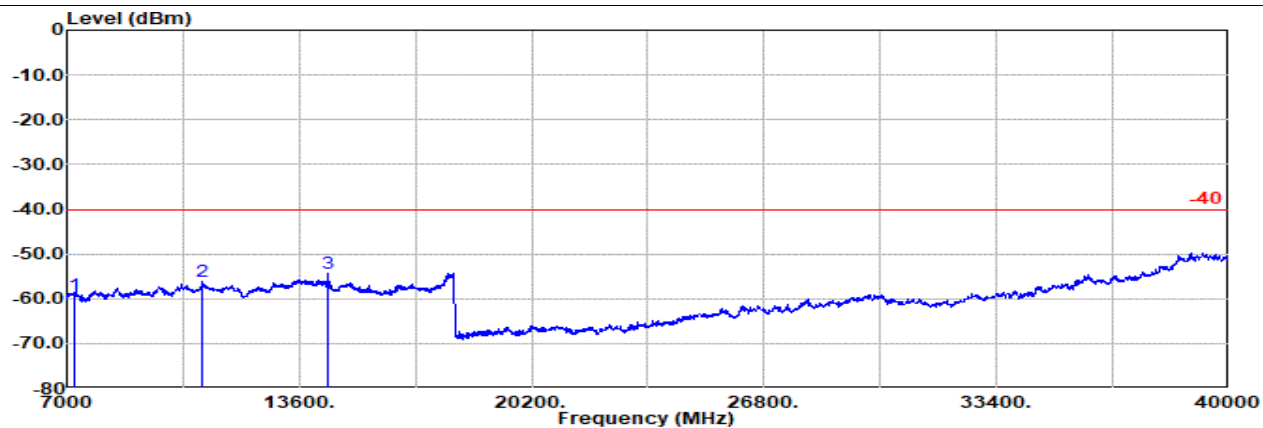
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-53.94	RMS	36.84	-44.53	0.96	-95.23	48.02	-40.00	-13.94	Horizontal
2	10828.00	-55.16	RMS	39.20	-43.65	0.29	-95.23	44.23	-40.00	-15.16	Horizontal
3	14436.00	-54.35	RMS	40.33	-42.58	0.00	-95.23	43.13	-40.00	-14.35	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-59.07	RMS	36.84	-44.53	0.96	-95.23	42.89	-40.00	-19.07	Vertical
2	10828.00	-56.20	RMS	39.20	-43.65	0.29	-95.23	43.19	-40.00	-16.20	Vertical
3	14436.00	-54.38	RMS	40.33	-42.58	0.00	-95.23	43.10	-40.00	-14.38	Vertical

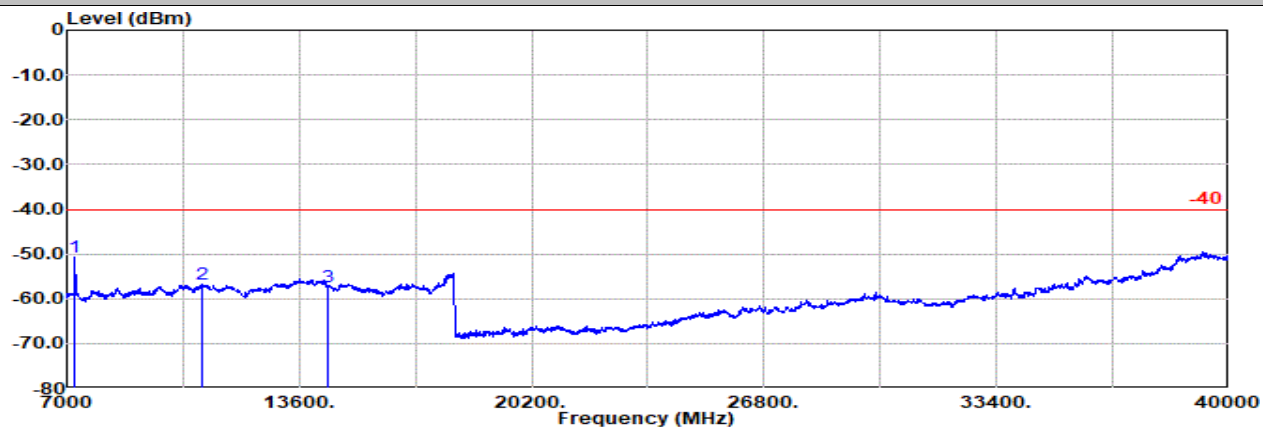


MIMO<Ant. 0+1>

Part 96 Mode 184

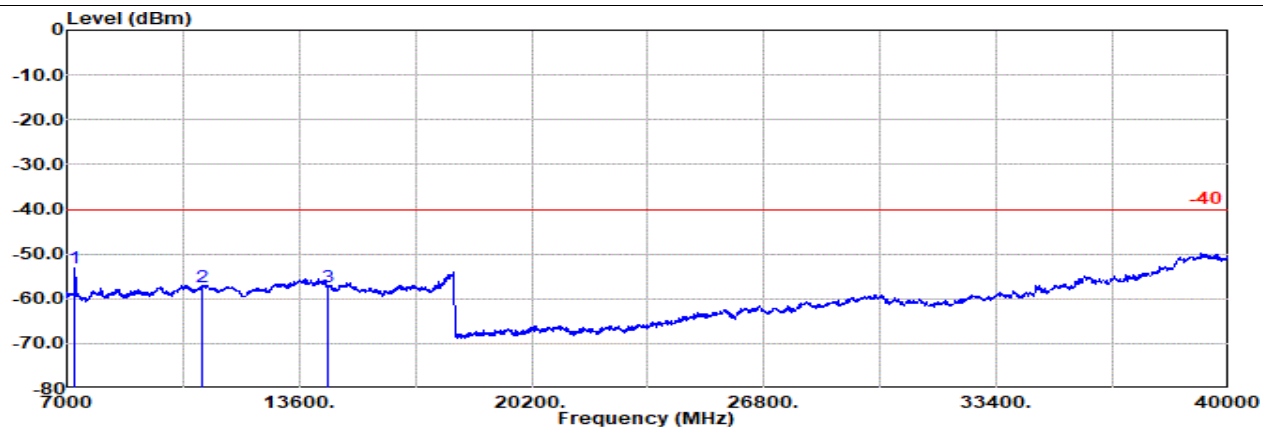
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-50.79	RMS	36.84	-44.53	0.96	-95.23	51.17	-40.00	-10.79	Horizontal
2	10828.00	-56.66	RMS	39.20	-43.65	0.29	-95.23	42.73	-40.00	-16.66	Horizontal
3	14436.00	-57.41	RMS	40.33	-42.58	0.00	-95.23	40.07	-40.00	-17.41	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-53.11	RMS	36.84	-44.53	0.96	-95.23	48.85	-40.00	-13.11	Vertical
2	10828.00	-57.42	RMS	39.20	-43.65	0.29	-95.23	41.97	-40.00	-17.42	Vertical
3	14436.00	-57.31	RMS	40.33	-42.58	0.00	-95.23	40.17	-40.00	-17.31	Vertical

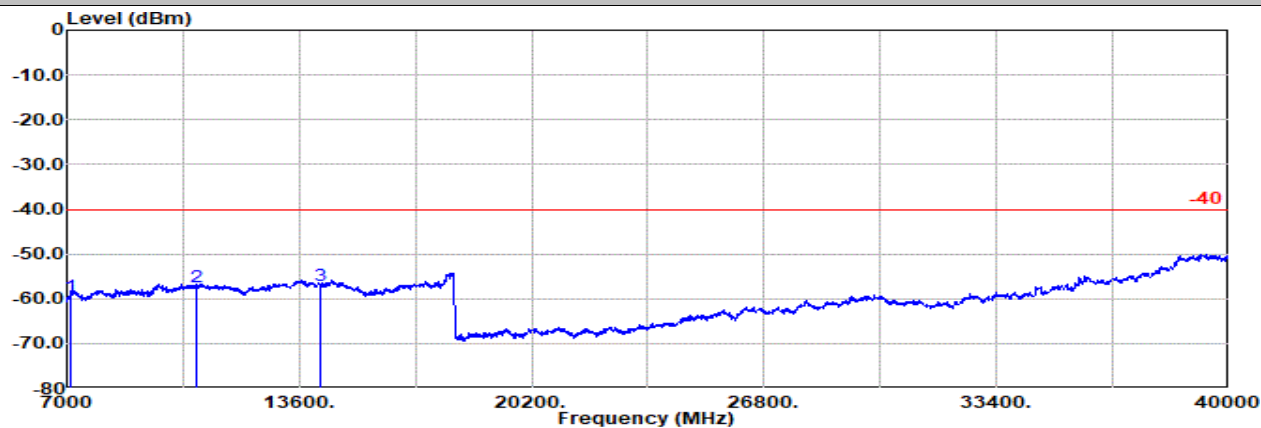


MIMO<Ant. 0+2>

Part 96 Mode 185

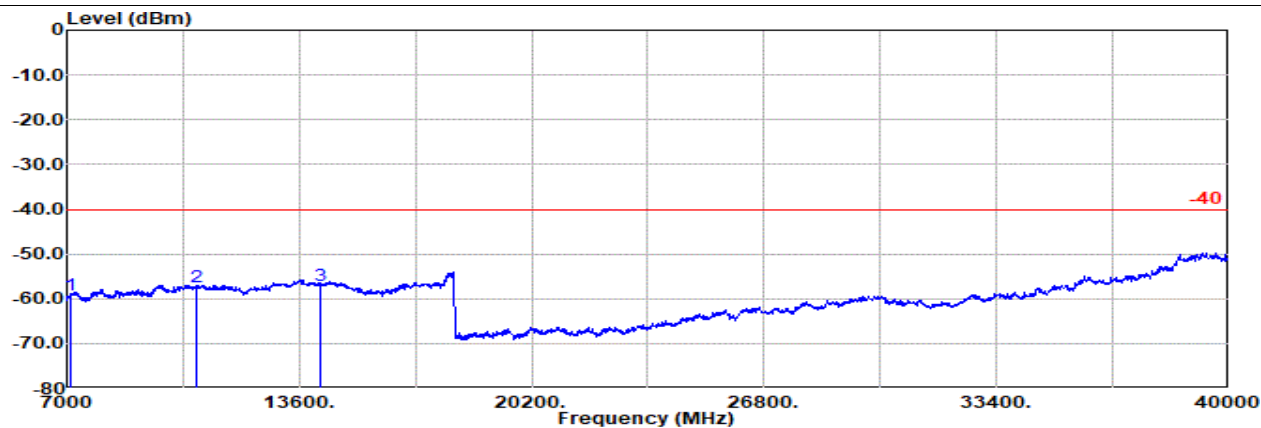
NR SA n48 MIMO 40M Ch638000 1RB1 QPSK

L



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Horizontal
: NR n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7110.00	-59.35	RMS	36.36	-44.56	1.00	-95.23	43.08	-40.00	-19.35	Horizontal
2	10663.00	-57.42	RMS	39.30	-43.41	0.28	-95.23	41.64	-40.00	-17.42	Horizontal
3	14216.00	-56.96	RMS	40.67	-43.18	-0.04	-95.23	40.82	-40.00	-16.96	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Vertical
: NR n48 40M Ch638000 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7110.00	-59.10	RMS	36.36	-44.56	1.00	-95.23	43.33	-40.00	-19.10	Vertical
2	10663.00	-57.48	RMS	39.30	-43.41	0.28	-95.23	41.58	-40.00	-17.48	Vertical
3	14216.00	-57.07	RMS	40.67	-43.18	-0.04	-95.23	40.71	-40.00	-17.07	Vertical

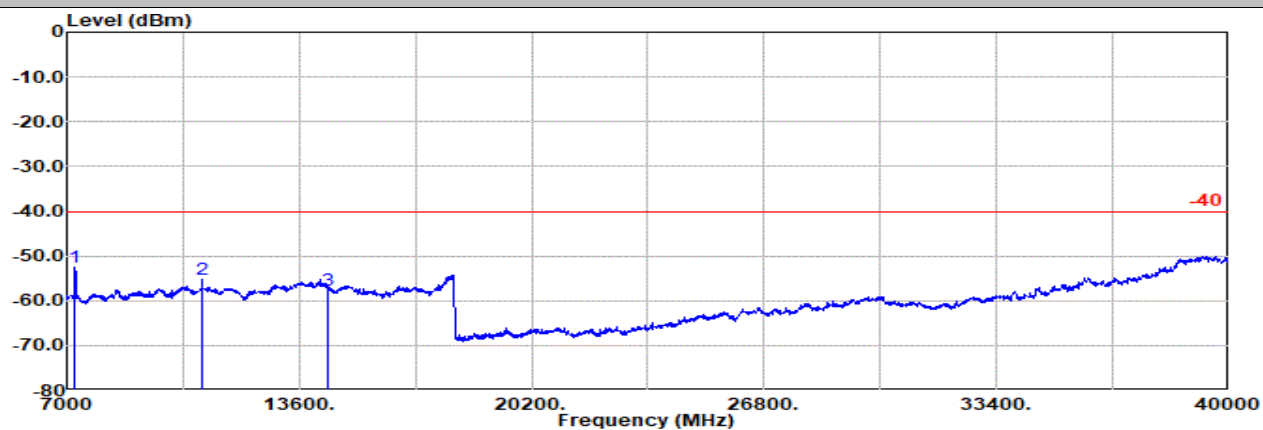


MIMO<Ant. 0+2>

Part 96 Mode 185

NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M

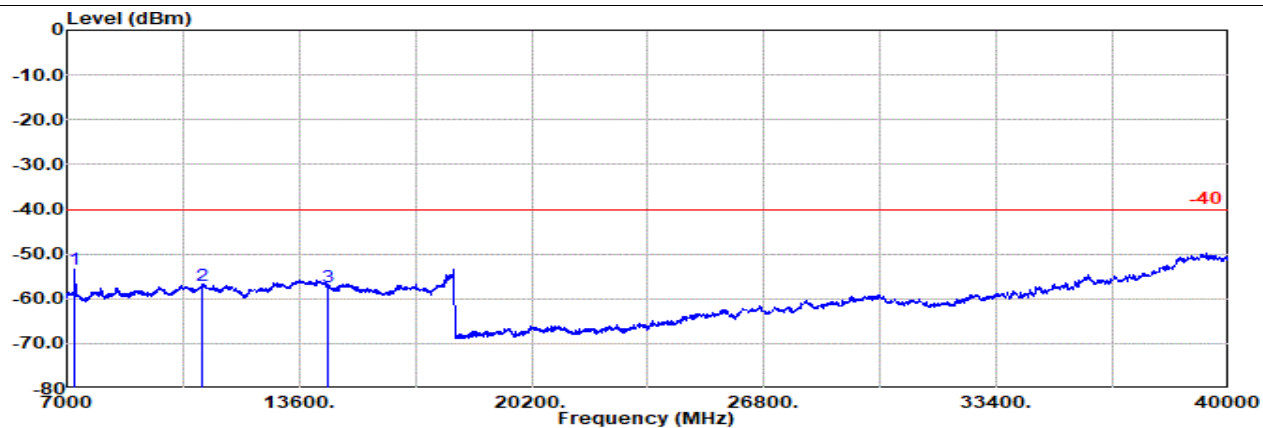


Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Horizontal

: NR n48 40M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBm	dB		
1	7220.00	-52.60	RMS	36.84	-44.53	0.96	-95.23	49.36	-40.00	-12.60	Horizontal
2	10828.00	-55.37	RMS	39.20	-43.65	0.29	-95.23	44.02	-40.00	-15.37	Horizontal
3	14436.00	-57.58	RMS	40.33	-42.58	0.00	-95.23	39.90	-40.00	-17.58	Horizontal



Site : 03CH11-HY

Condition: -40 1m SHF_00993_231124 Vertical

: NR n48 40M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1			dBm	dB		
1	7220.00	-53.44	RMS	36.84	-44.53	0.96	-95.23	48.52	-40.00	-13.44	Vertical
2	10828.00	-57.13	RMS	39.20	-43.65	0.29	-95.23	42.26	-40.00	-17.13	Vertical
3	14436.00	-57.34	RMS	40.33	-42.58	0.00	-95.23	40.14	-40.00	-17.34	Vertical

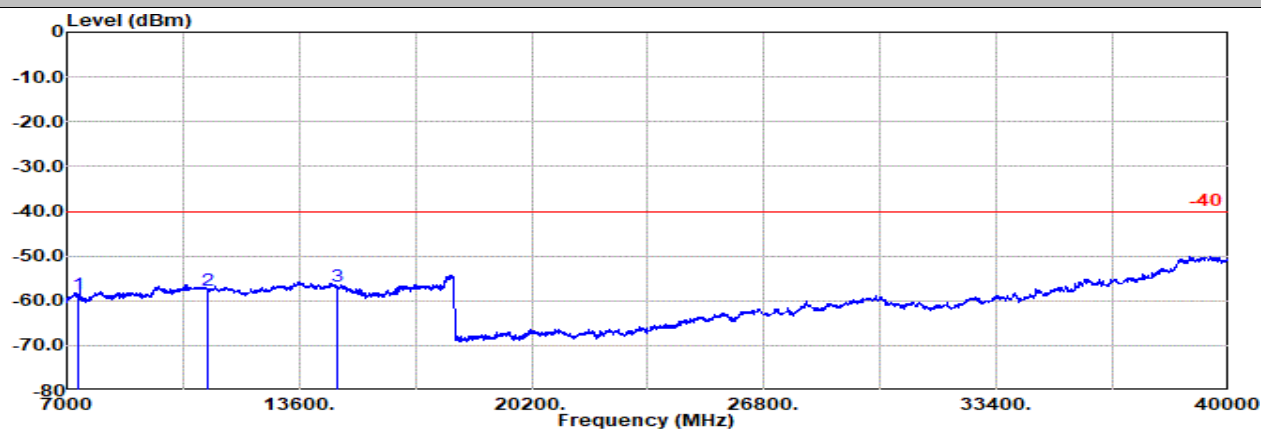


MIMO<Ant. 0+2>

Part 96 Mode 185

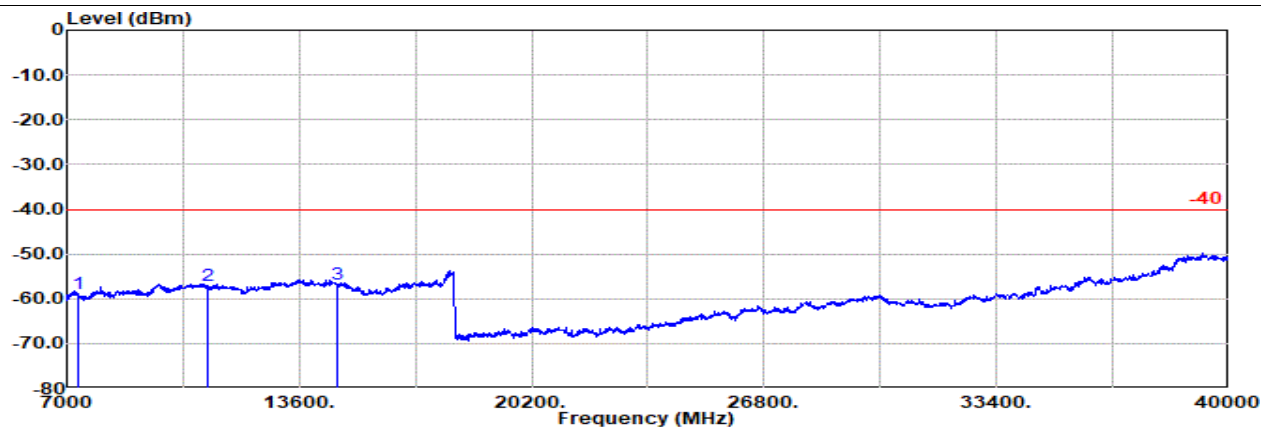
NR SA n48 MIMO 40M Ch645332 1RB1 QPSK

H



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Horizontal
: NR n48 40M Ch645332 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7330.00	-58.63	RMS	36.78	-44.39	0.95	-95.23	43.26	-40.00	-18.63
2	10993.00	-57.64	RMS	38.91	-43.89	0.29	-95.23	42.28	-40.00	-17.64
3	14656.00	-56.72	RMS	40.18	-42.32	0.04	-95.23	40.61	-40.00	-16.72



Site : 03CH11-HY
Condition: -40 1m SHF_1223_240624 Vertical
: NR n48 40M Ch645332 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7330.00	-58.86	RMS	36.78	-44.39	0.95	-95.23	43.03	-40.00	-18.86
2	10993.00	-57.13	RMS	38.91	-43.89	0.29	-95.23	42.79	-40.00	-17.13
3	14656.00	-56.76	RMS	40.18	-42.32	0.04	-95.23	40.57	-40.00	-16.76

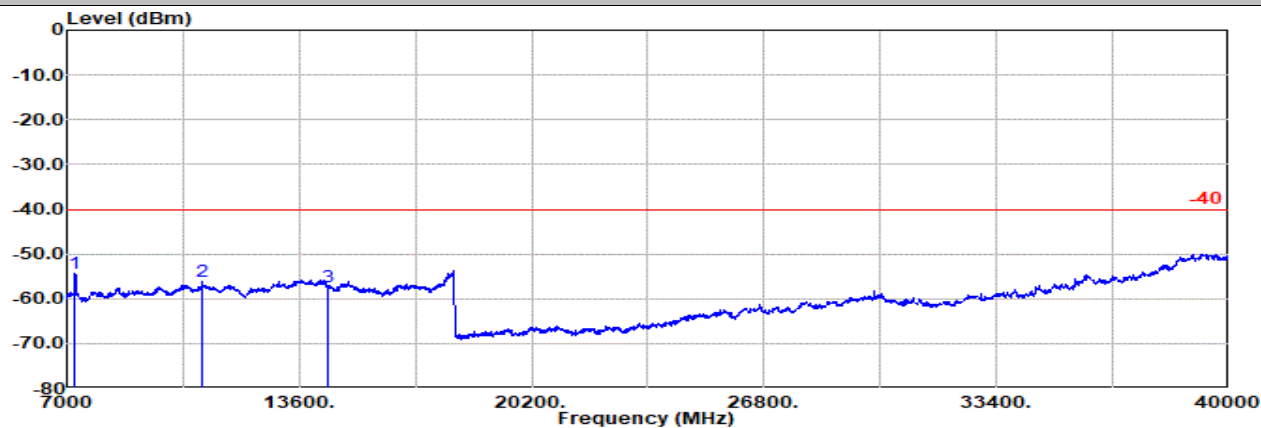


MIMO<Ant. 0+3>

Part 96 Mode 186

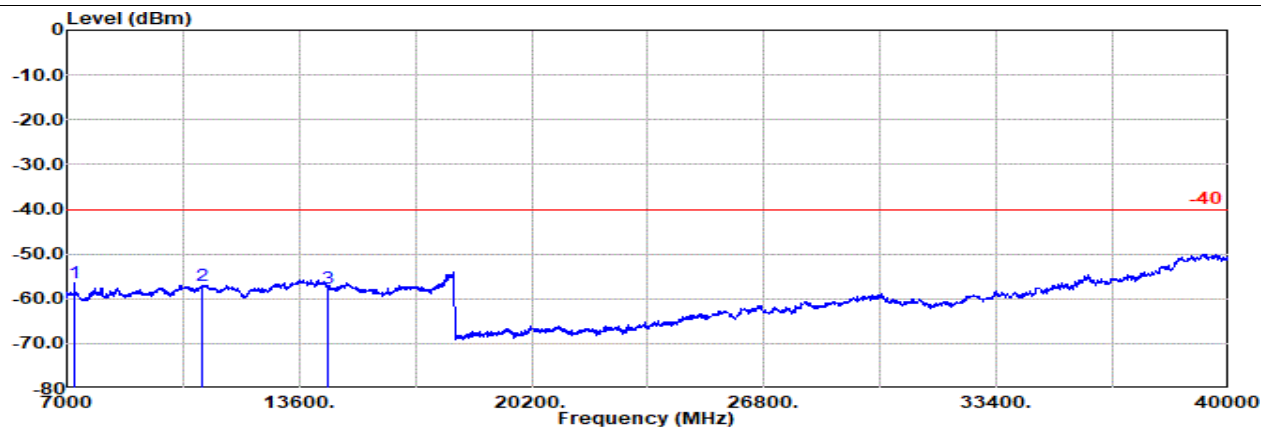
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-54.19	RMS	36.84	-44.53	0.96	-95.23	47.77	-40.00	-14.19	Horizontal
2	10828.00	-56.19	RMS	39.20	-43.65	0.29	-95.23	43.20	-40.00	-16.19	Horizontal
3	14436.00	-57.47	RMS	40.33	-42.58	0.00	-95.23	40.01	-40.00	-17.47	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-56.58	RMS	36.84	-44.53	0.96	-95.23	45.38	-40.00	-16.58	Vertical
2	10828.00	-57.03	RMS	39.20	-43.65	0.29	-95.23	42.36	-40.00	-17.03	Vertical
3	14436.00	-57.56	RMS	40.33	-42.58	0.00	-95.23	39.92	-40.00	-17.56	Vertical

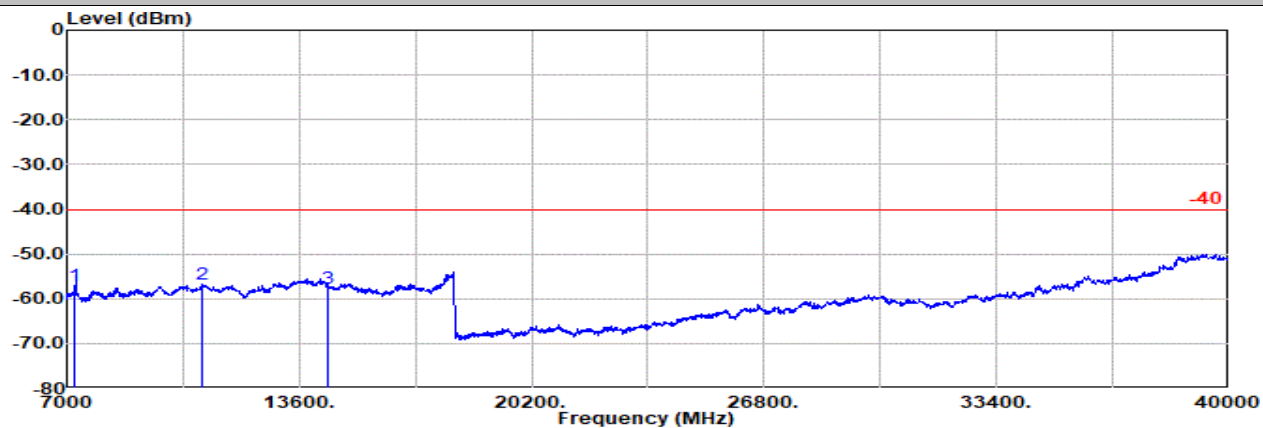


MIMO<Ant. 1+0>

Part 96 Mode 187

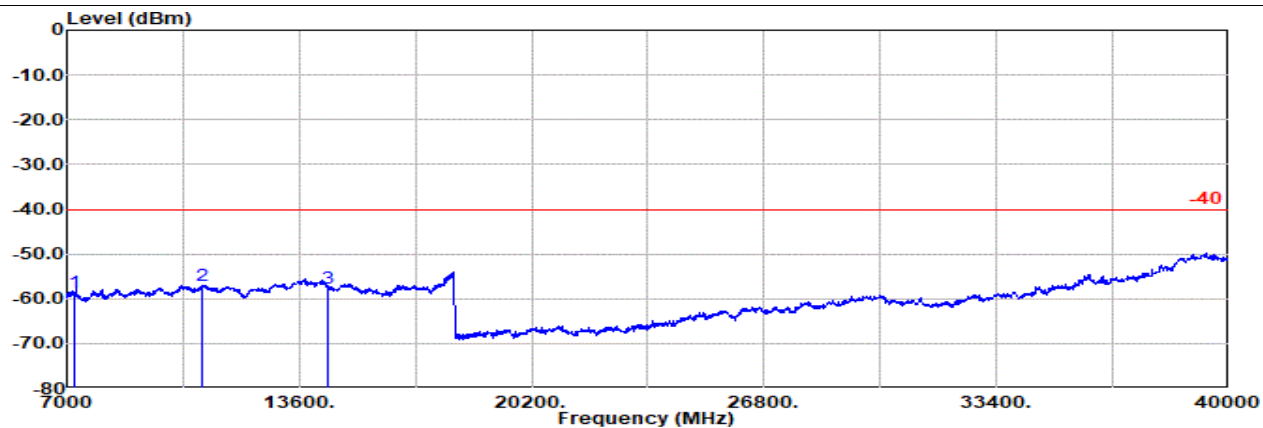
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-57.07	RMS	36.84	-44.53	0.96	-95.23	44.89	-40.00	-17.07	Horizontal
2	10828.00	-56.70	RMS	39.20	-43.65	0.29	-95.23	42.69	-40.00	-16.70	Horizontal
3	14436.00	-57.67	RMS	40.33	-42.58	0.00	-95.23	39.81	-40.00	-17.67	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-58.61	RMS	36.84	-44.53	0.96	-95.23	43.35	-40.00	-18.61	Vertical
2	10828.00	-57.11	RMS	39.20	-43.65	0.29	-95.23	42.28	-40.00	-17.11	Vertical
3	14436.00	-57.54	RMS	40.33	-42.58	0.00	-95.23	39.94	-40.00	-17.54	Vertical

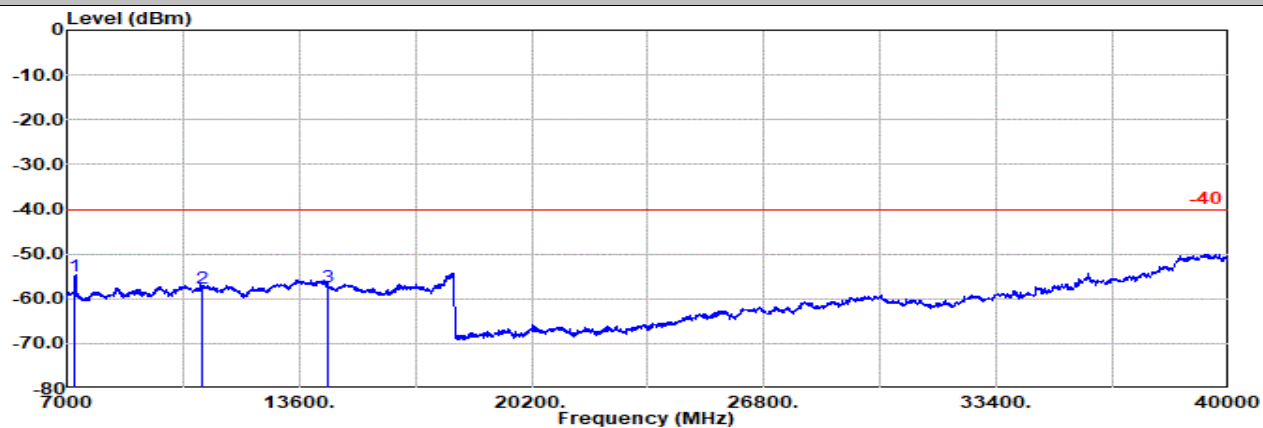


MIMO<Ant. 1+2>

Part 96 Mode 188

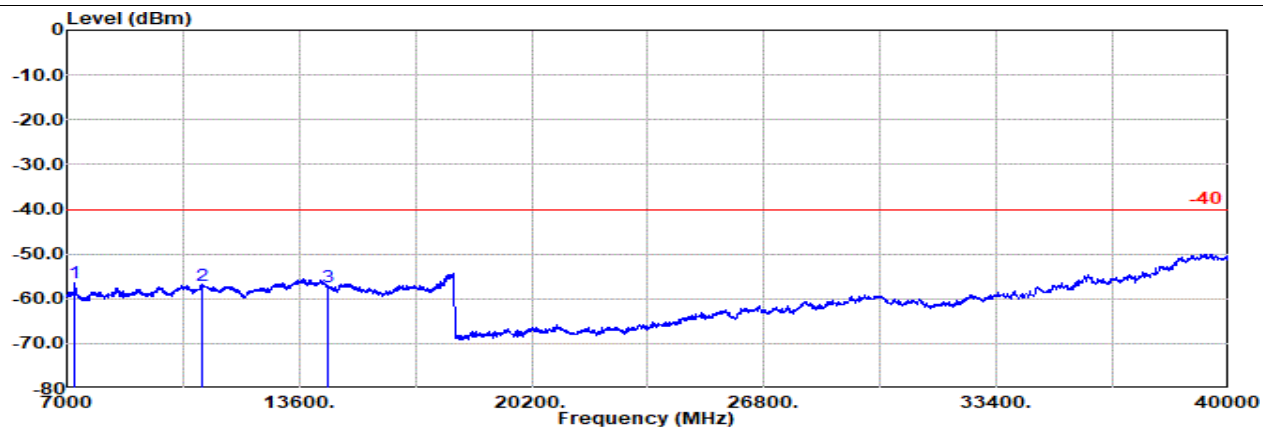
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7220.00	-54.83	RMS	36.84	-44.53	0.96	-95.23	47.13	-40.00	-14.83	Horizontal
2	10828.00	-57.59	RMS	39.20	-43.65	0.29	-95.23	41.80	-40.00	-17.59	Horizontal
3	14436.00	-57.39	RMS	40.33	-42.58	0.00	-95.23	40.09	-40.00	-17.39	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
				Factor	1						
1	7220.00	-56.44	RMS	36.84	-44.53	0.96	-95.23	45.52	-40.00	-16.44	Vertical
2	10828.00	-56.97	RMS	39.20	-43.65	0.29	-95.23	42.42	-40.00	-16.97	Vertical
3	14436.00	-57.47	RMS	40.33	-42.58	0.00	-95.23	40.01	-40.00	-17.47	Vertical

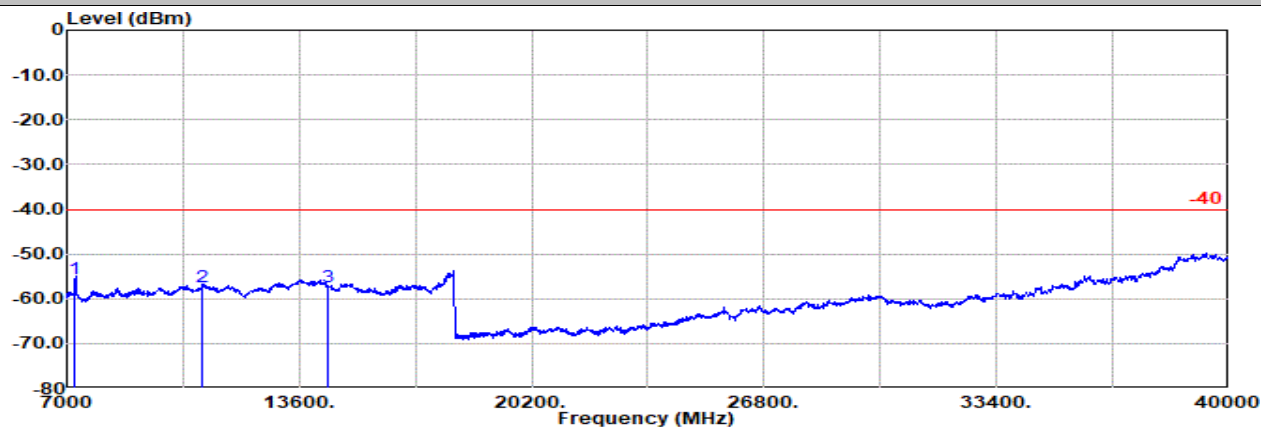


MIMO<Ant. 1+3>

Part 96 Mode 189

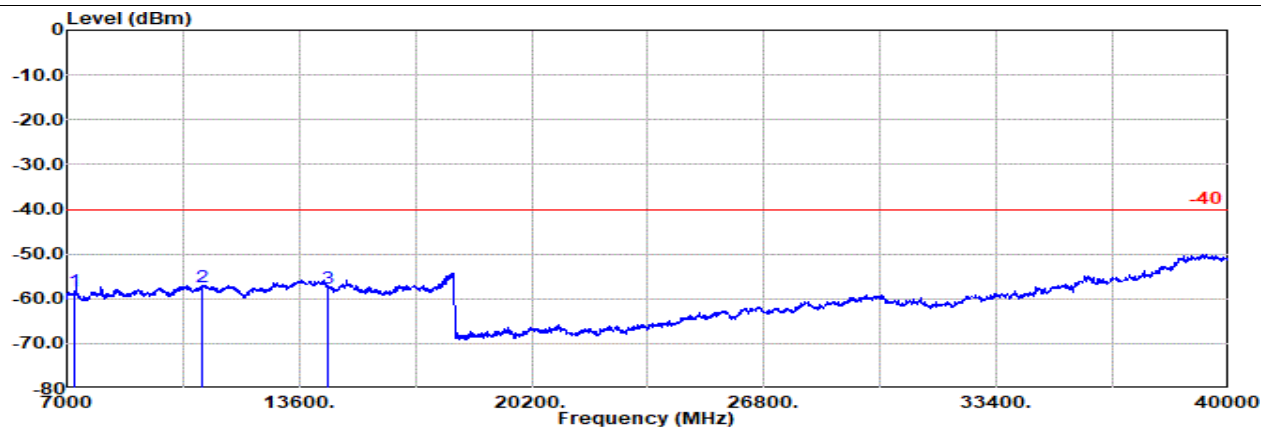
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-55.52	RMS	36.84	-44.53	0.96	-95.23	46.44	-40.00	-15.52	Horizontal
2	10828.00	-57.22	RMS	39.20	-43.65	0.29	-95.23	42.17	-40.00	-17.22	Horizontal
3	14436.00	-57.40	RMS	40.33	-42.58	0.00	-95.23	40.08	-40.00	-17.40	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-58.28	RMS	36.84	-44.53	0.96	-95.23	43.68	-40.00	-18.28	Vertical
2	10828.00	-57.46	RMS	39.20	-43.65	0.29	-95.23	41.93	-40.00	-17.46	Vertical
3	14436.00	-57.75	RMS	40.33	-42.58	0.00	-95.23	39.73	-40.00	-17.75	Vertical

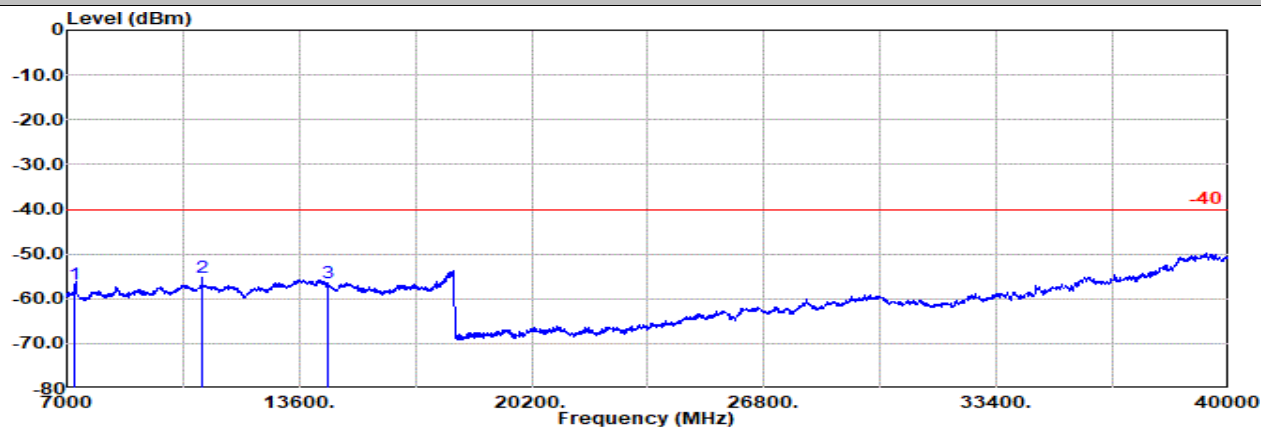


MIMO<Ant. 3+0>

Part 96 Mode 190

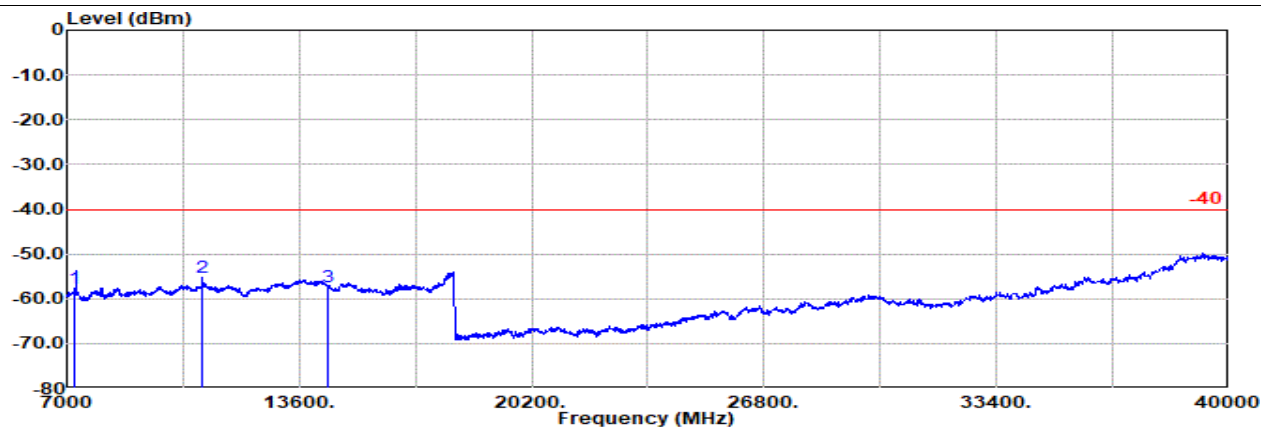
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-56.60	RMS	36.84	-44.53	0.96	-95.23	45.36	-40.00	-16.60	Horizontal
2	10828.00	-55.32	RMS	39.20	-43.65	0.29	-95.23	44.07	-40.00	-15.32	Horizontal
3	14436.00	-56.59	RMS	40.33	-42.58	0.00	-95.23	40.89	-40.00	-16.59	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-57.57	RMS	36.84	-44.53	0.96	-95.23	44.39	-40.00	-17.57	Vertical
2	10828.00	-55.16	RMS	39.20	-43.65	0.29	-95.23	44.23	-40.00	-15.16	Vertical
3	14436.00	-57.44	RMS	40.33	-42.58	0.00	-95.23	40.04	-40.00	-17.44	Vertical

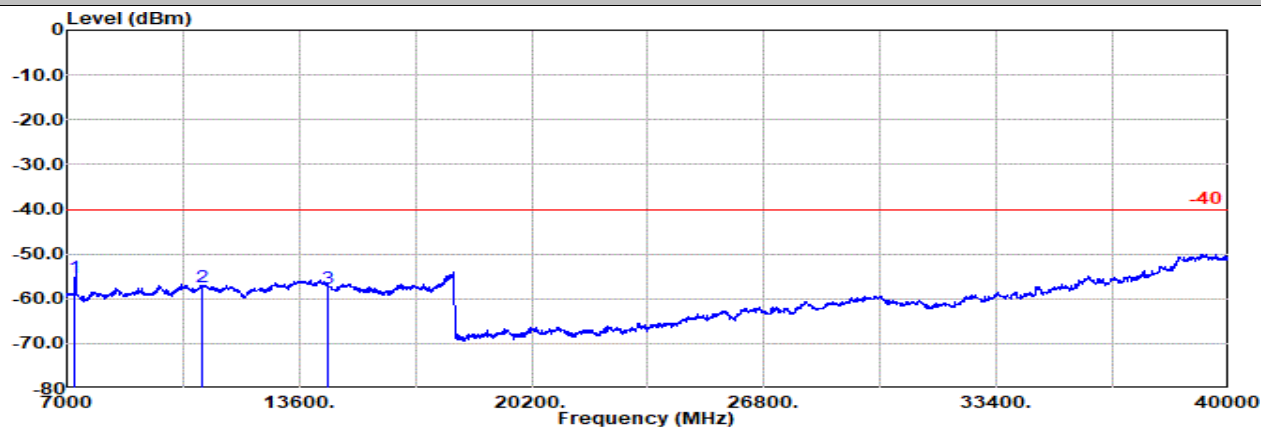


MIMO<Ant. 3+1>

Part 96 Mode 191

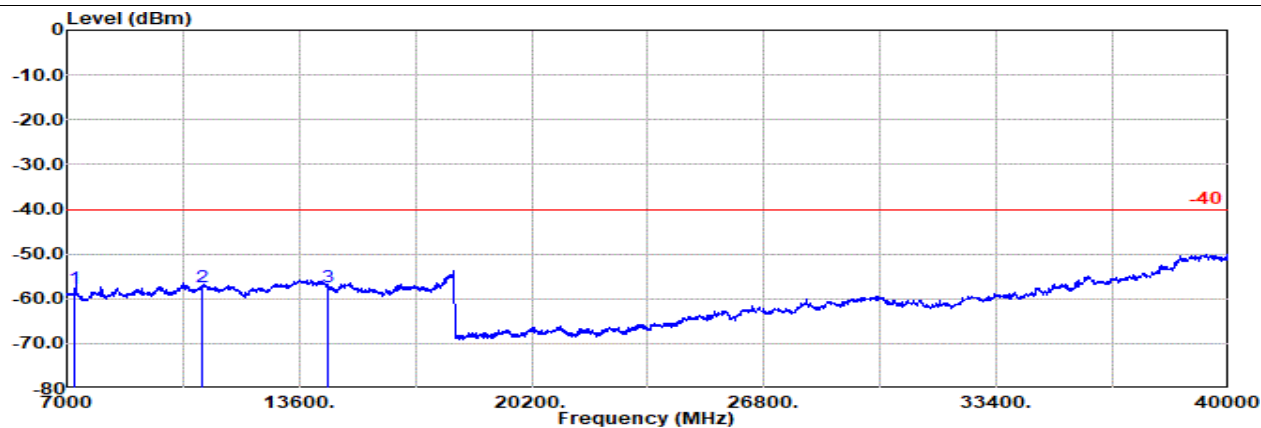
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-55.16	RMS	36.84	-44.53	0.96	-95.23	0.00	-40.00	-15.16	Horizontal
2	10828.00	-57.23	RMS	39.20	-43.65	0.29	-95.23	42.16	-40.00	-17.23	Horizontal
3	14436.00	-57.67	RMS	40.33	-42.58	0.00	-95.23	39.81	-40.00	-17.67	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-57.64	RMS	36.84	-44.53	0.96	-95.23	44.32	-40.00	-17.64	Vertical
2	10828.00	-57.42	RMS	39.20	-43.65	0.29	-95.23	41.97	-40.00	-17.42	Vertical
3	14436.00	-57.41	RMS	40.33	-42.58	0.00	-95.23	40.07	-40.00	-17.41	Vertical

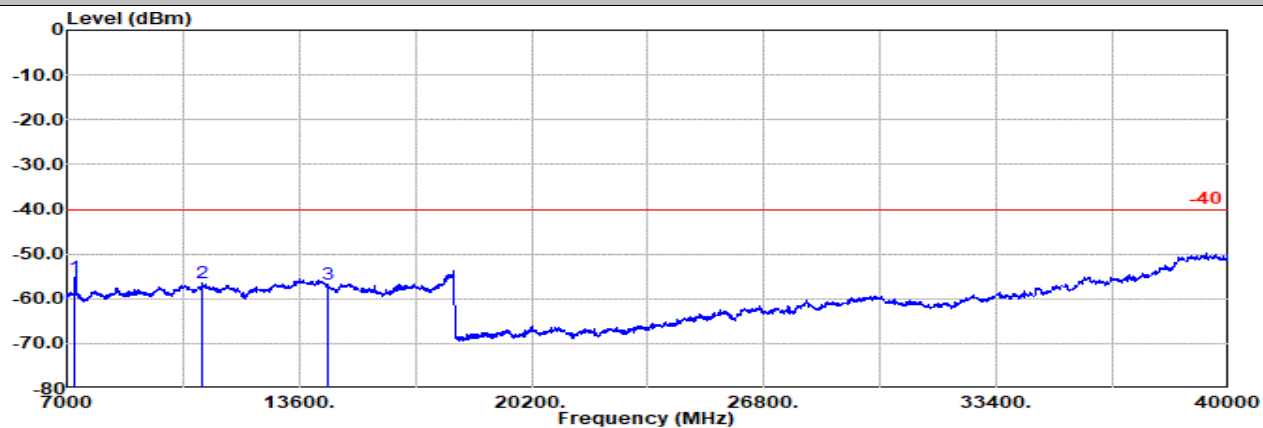


MIMO<Ant. 3+2>

Part 96 Mode 192

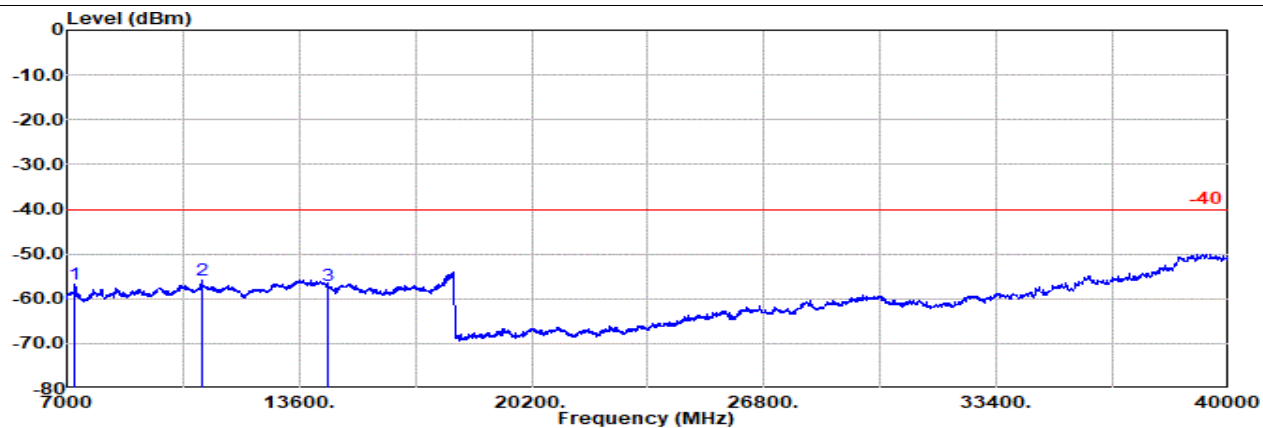
NR SA n48 MIMO 40M Ch641666 1RB1 QPSK

M



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Horizontal
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-55.25	RMS	36.84	-44.53	0.96	-95.23	46.71	-40.00	-15.25	Horizontal
2	10828.00	-56.57	RMS	39.20	-43.65	0.29	-95.23	42.82	-40.00	-16.57	Horizontal
3	14436.00	-56.90	RMS	40.33	-42.58	0.00	-95.23	40.58	-40.00	-16.90	Horizontal



Site : 03CH11-HY
Condition: -40 1m SHF_00993_231124 Vertical
: NR n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	1						
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	7220.00	-56.72	RMS	36.84	-44.53	0.96	-95.23	45.24	-40.00	-16.72	Vertical
2	10828.00	-55.93	RMS	39.20	-43.65	0.29	-95.23	43.46	-40.00	-15.93	Vertical
3	14436.00	-57.19	RMS	40.33	-42.58	0.00	-95.23	40.29	-40.00	-17.19	Vertical

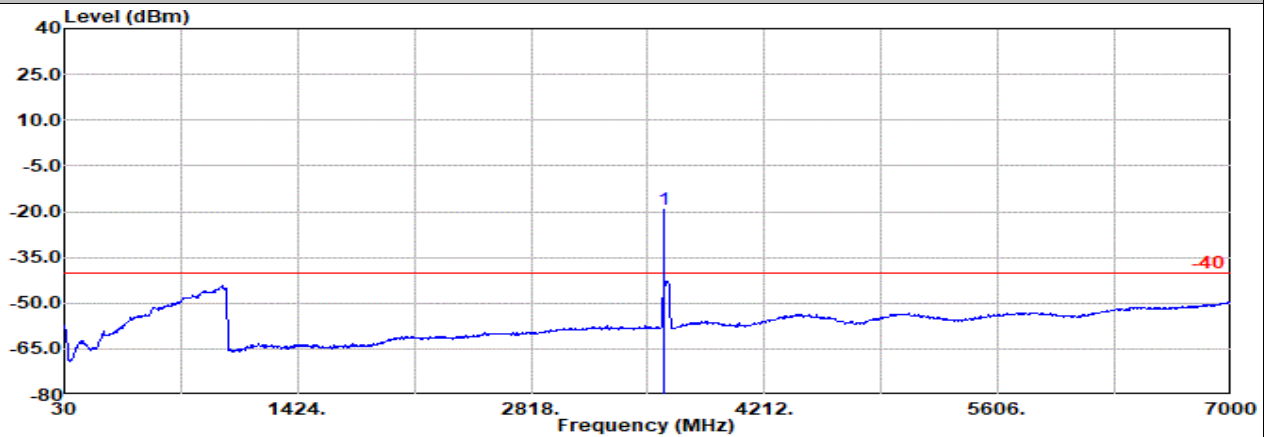


Ant. 2

Part 96 Mode 177

NR SA n48 40M Ch641666 1RB1 BPSK

M



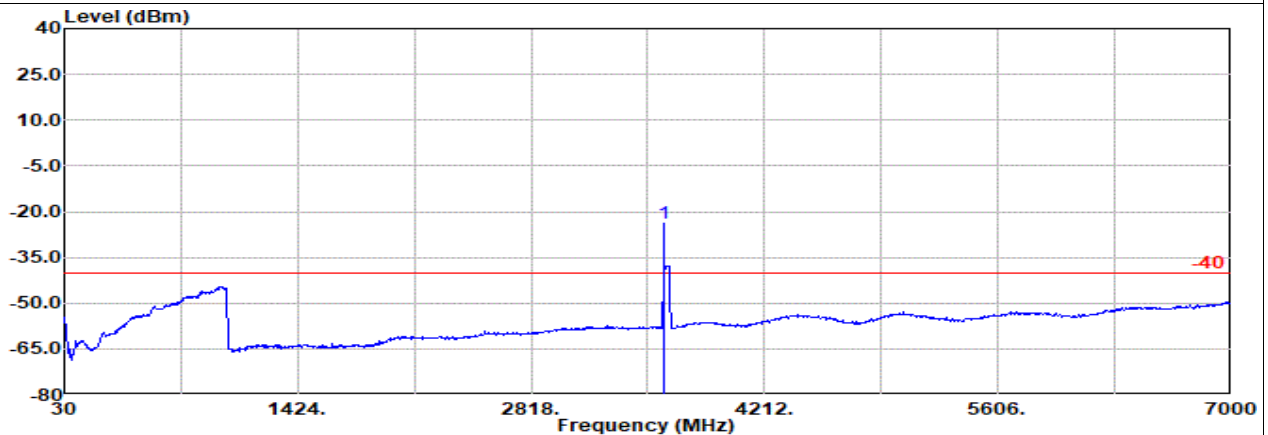
Site : 03CH11-HY

Condition: -40 3m 9120D_01620_230817 Horizontal

: NR n48 40M Ch641666 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm							g	dBm	dB	
1	3610.00	-19.10	RMS	29.78	-24.68	0.00	-95.23	71.03	-40.00	20.90	Horizontal	



Site : 03CH11-HY

Condition: -40 3m 9120D_01620_230817 Vertical

: NR n48 40M Ch641666 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm							g	dBm	dB	
1	3610.00	-23.78	RMS	29.78	-24.68	0.00	-95.23	66.35	-40.00	16.22	Vertical	

Remark: #1 is fundamental signal which can be ignored.