

Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0055	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0002	
20	Maximum Voltage	0.0059	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.2 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
1	Part 96	NR SA n48	L	10656	-46.30	RMS	39.30	-50.06	0.26	-95.23	59.43	-40.00	-6.30	V	8
2	Part 96	NR SA n77	H	10803	-43.07	RMS	39.30	-49.87	0.27	-95.23	62.46	-40.00	-3.07	H	8
3	Part 96	NR SA n78	M	10728	-48.75	RMS	39.24	-49.96	0.26	-95.23	56.94	-40.00	-8.75	V	8
4	Part 96	NR SA n77	L	14205	-50.97	RMS	41.09	-45.89	0.45	-95.23	48.61	-40.00	-10.97	V	8+9
5	Part 96	NR SA n78	M	10728	-47.03	RMS	39.24	-49.96	0.26	-95.23	58.66	-40.00	-7.03	H	8+9

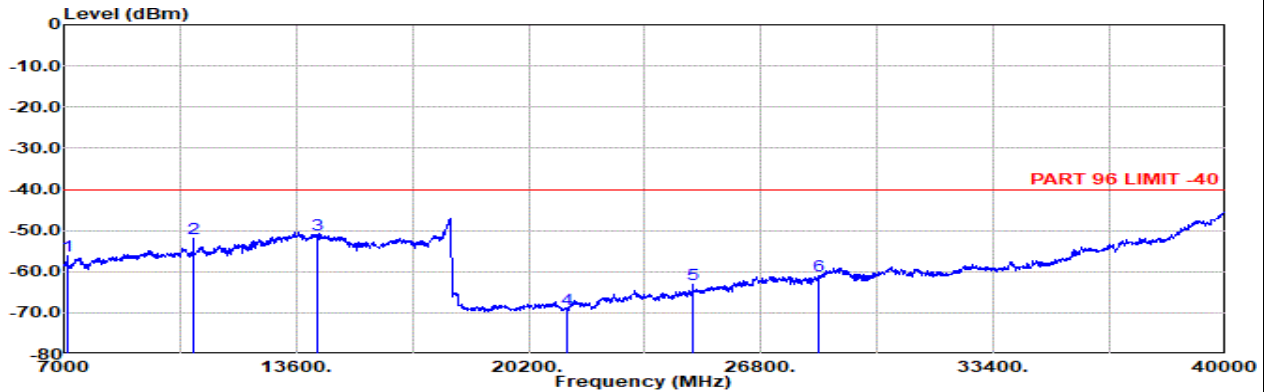


Ant8

Part 96 Mode 1

NR SA n48 40M Ch638000 1RB1 BPSK

L

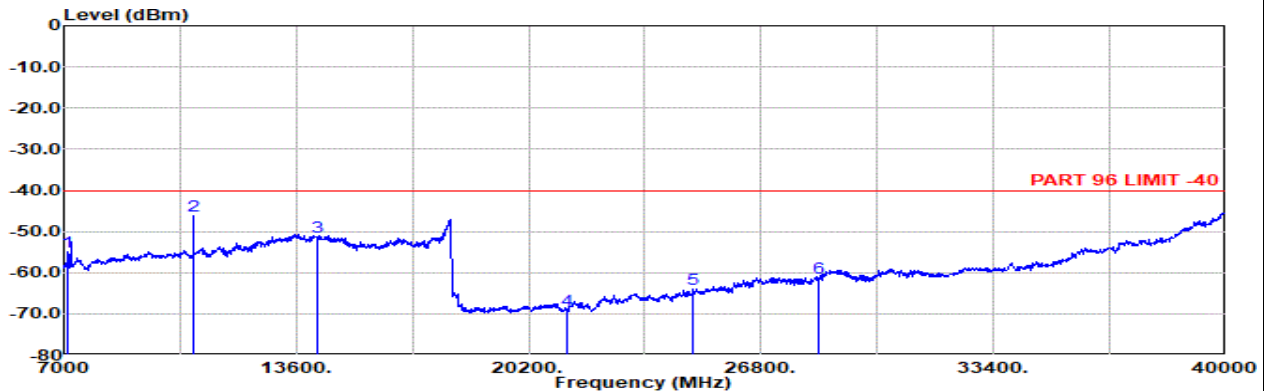


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n48 40M Ch638000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7104.00	-56.12	RMS	36.53	-51.91	0.90	-95.23	53.59	-40.00	-16.12	Horizontal
2	10656.00	-51.80	RMS	39.30	-50.06	0.26	-95.23	53.93	-40.00	-11.80	Horizontal
3	14209.00	-51.10	RMS	41.08	-45.88	0.45	-95.23	48.48	-40.00	-11.10	Horizontal
4	21313.00	-69.12	RMS	37.90	-29.95	-9.54	-95.23	27.70	-40.00	-29.12	Horizontal
5	24865.00	-63.00	RMS	39.27	-26.90	-9.54	-95.23	29.40	-40.00	-23.00	Horizontal
6	28418.00	-61.11	RMS	40.33	-25.54	-9.54	-95.23	28.87	-40.00	-21.11	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n48 40M Ch638000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7104.00	-55.04	RMS	36.53	-51.91	0.90	-95.23	54.67	-40.00	-15.04	Vertical
2	10656.00	-46.30	RMS	39.30	-50.06	0.26	-95.23	59.43	-40.00	-6.30	Vertical
3	14209.00	-51.19	RMS	41.08	-45.88	0.45	-95.23	48.39	-40.00	-11.19	Vertical
4	21313.00	-69.02	RMS	37.90	-29.95	-9.54	-95.23	27.80	-40.00	-29.02	Vertical
5	24865.00	-64.13	RMS	39.27	-26.90	-9.54	-95.23	28.27	-40.00	-24.13	Vertical
6	28418.00	-61.40	RMS	40.33	-25.54	-9.54	-95.23	28.58	-40.00	-21.40	Vertical

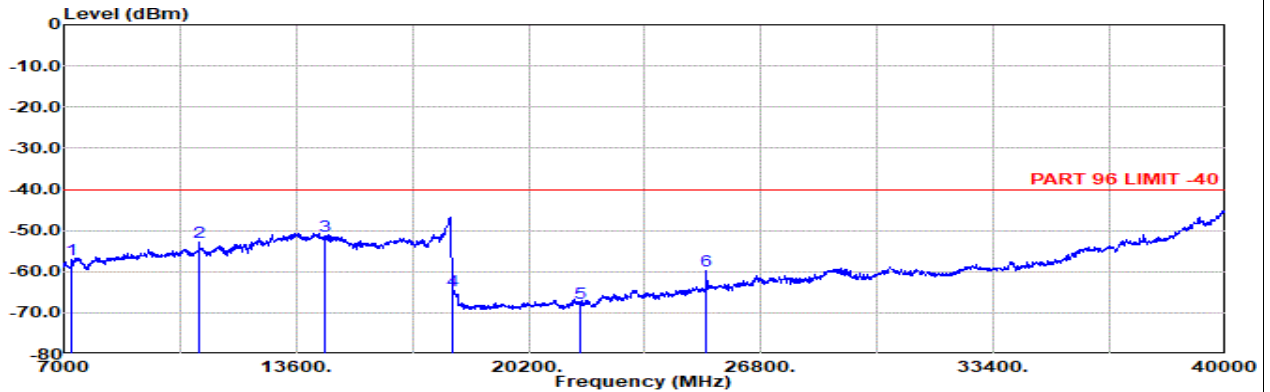


Ant8

Part 96 Mode 1

NR SA n48 40M Ch641666 1RB1 BPSK

M

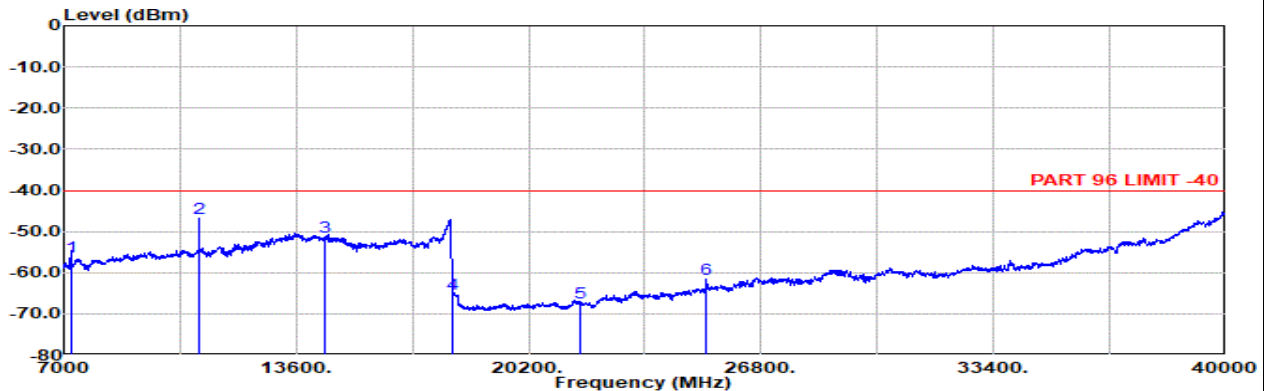


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7214.00	-57.06	RMS	37.13	-51.96	0.89	-95.23	52.11	-40.00	-17.06	Horizontal
2	10821.00	-52.94	RMS	39.30	-49.84	0.27	-95.23	52.56	-40.00	-12.94	Horizontal
3	14429.00	-51.47	RMS	40.80	-45.51	0.44	-95.23	48.03	-40.00	-11.47	Horizontal
4	18036.00	-64.60	RMS	37.56	-32.07	-9.54	-95.23	34.68	-40.00	-24.60	Horizontal
5	21643.00	-67.64	RMS	37.81	-29.64	-9.54	-95.23	28.96	-40.00	-27.64	Horizontal
6	25250.00	-59.82	RMS	39.30	-26.40	-9.54	-95.23	32.05	-40.00	-19.82	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n48 40M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7214.00	-56.28	RMS	37.13	-51.96	0.89	-95.23	52.89	-40.00	-16.28	Vertical
2	10821.00	-46.81	RMS	39.30	-49.84	0.27	-95.23	58.69	-40.00	-6.81	Vertical
3	14429.00	-51.24	RMS	40.80	-45.51	0.44	-95.23	48.26	-40.00	-11.24	Vertical
4	18036.00	-65.18	RMS	37.56	-32.07	-9.54	-95.23	34.10	-40.00	-25.18	Vertical
5	21643.00	-67.45	RMS	37.81	-29.64	-9.54	-95.23	29.15	-40.00	-27.45	Vertical
6	25250.00	-61.46	RMS	39.30	-26.40	-9.54	-95.23	30.41	-40.00	-21.46	Vertical

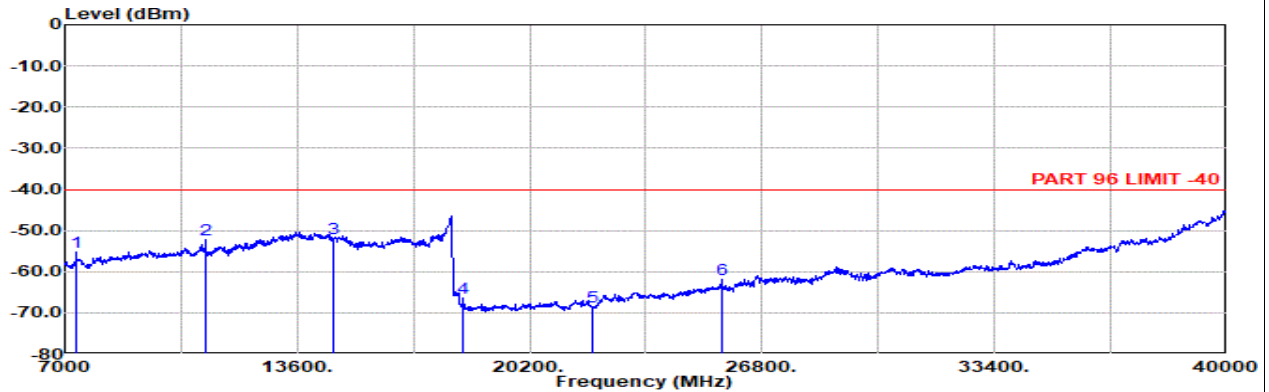


Ant8

Part 96 Mode 1

NR SA n48 40M Ch645332 1RB1 BPSK

H

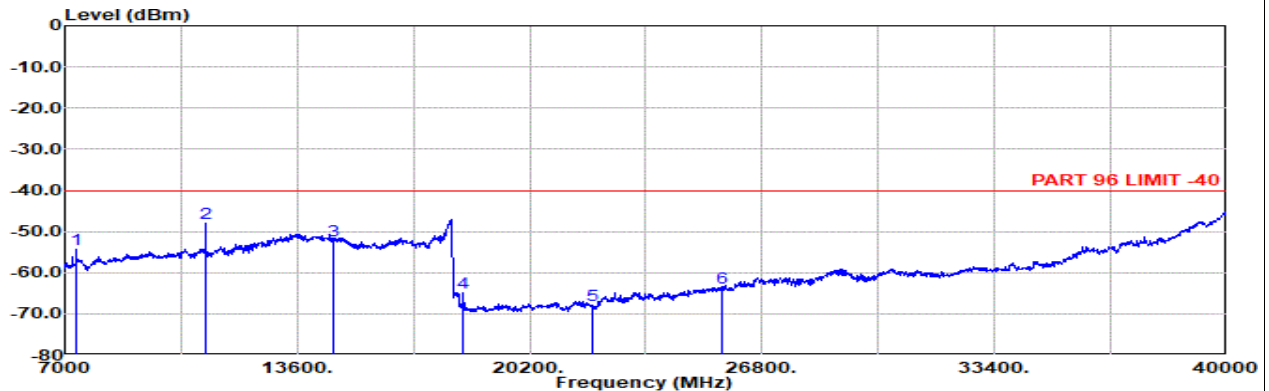


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n48 40M Ch645332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7324.00	-55.32	RMS	37.00	-51.74	0.85	-95.23	53.80	-40.00	-15.32	Horizontal
2	10986.00	-52.22	RMS	39.06	-49.63	0.27	-95.23	53.31	-40.00	-12.22	Horizontal
3	14649.00	-52.02	RMS	40.80	-45.50	0.43	-95.23	47.48	-40.00	-12.02	Horizontal
4	18311.00	-66.51	RMS	37.68	-32.18	-9.54	-95.23	32.76	-40.00	-26.51	Horizontal
5	21973.00	-68.64	RMS	38.00	-29.43	-9.54	-95.23	27.56	-40.00	-28.64	Horizontal
6	25635.00	-61.78	RMS	39.00	-25.93	-9.54	-95.23	29.92	-40.00	-21.78	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n48 40M Ch645332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7324.00	-54.35	RMS	37.00	-51.74	0.85	-95.23	54.77	-40.00	-14.35	Vertical
2	10986.00	-47.98	RMS	39.06	-49.63	0.27	-95.23	57.55	-40.00	-7.98	Vertical
3	14649.00	-52.18	RMS	40.80	-45.50	0.43	-95.23	47.32	-40.00	-12.18	Vertical
4	18311.00	-64.79	RMS	37.68	-32.18	-9.54	-95.23	34.48	-40.00	-24.79	Vertical
5	21973.00	-68.06	RMS	38.00	-29.43	-9.54	-95.23	28.14	-40.00	-28.06	Vertical
6	25635.00	-63.73	RMS	39.00	-25.93	-9.54	-95.23	27.97	-40.00	-23.73	Vertical

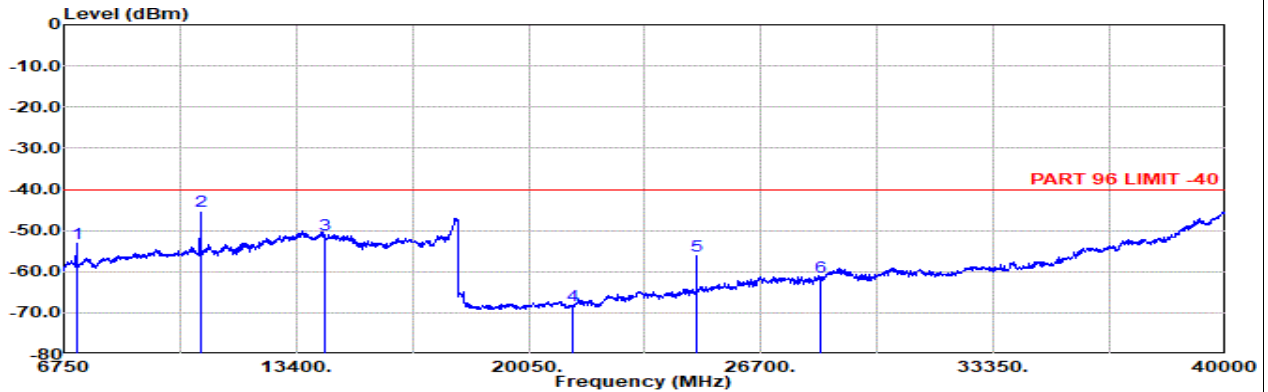


Ant8

Part 96 Mode 2

NR SA n77 100M Ch640000 1RB1 BPSK

L

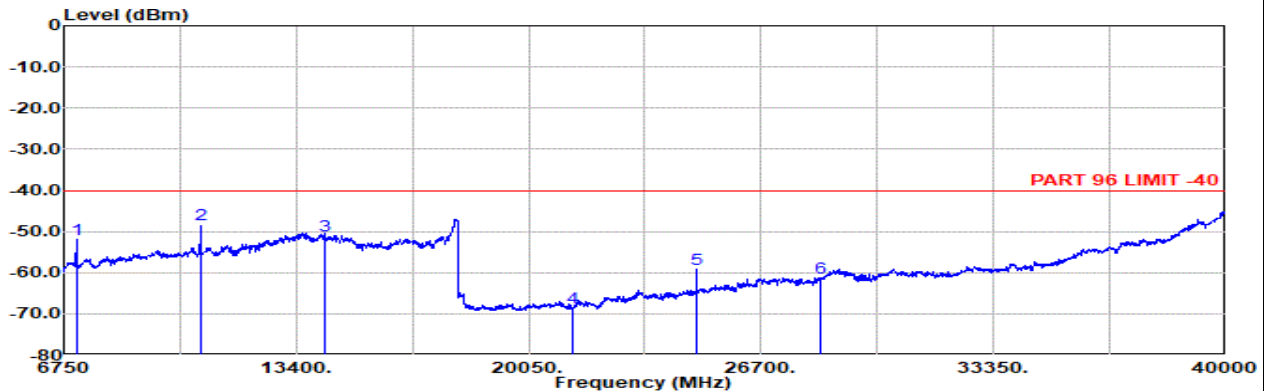


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n77 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-53.12	RMS	36.52	-51.91	0.90	-95.23	56.60	-40.00	-13.12	Horizontal
2	10653.00	-45.27	RMS	39.30	-50.06	0.26	-95.23	60.46	-40.00	-5.27	Horizontal
3	14205.00	-51.09	RMS	41.09	-45.89	0.45	-95.23	48.49	-40.00	-11.09	Horizontal
4	21307.00	-68.15	RMS	37.86	-29.96	-9.54	-95.23	28.72	-40.00	-28.15	Horizontal
5	24858.00	-56.29	RMS	39.28	-26.91	-9.54	-95.23	36.11	-40.00	-16.29	Horizontal
6	28410.00	-61.23	RMS	40.36	-25.55	-9.54	-95.23	28.73	-40.00	-21.23	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n77 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-51.94	RMS	36.52	-51.91	0.90	-95.23	57.78	-40.00	-11.94	Vertical
2	10653.00	-48.24	RMS	39.30	-50.06	0.26	-95.23	57.49	-40.00	-8.24	Vertical
3	14205.00	-50.93	RMS	41.09	-45.89	0.45	-95.23	48.65	-40.00	-10.93	Vertical
4	21307.00	-68.51	RMS	37.86	-29.96	-9.54	-95.23	28.36	-40.00	-28.51	Vertical
5	24858.00	-59.15	RMS	39.28	-26.91	-9.54	-95.23	33.25	-40.00	-19.15	Vertical
6	28410.00	-61.40	RMS	40.36	-25.55	-9.54	-95.23	28.56	-40.00	-21.40	Vertical

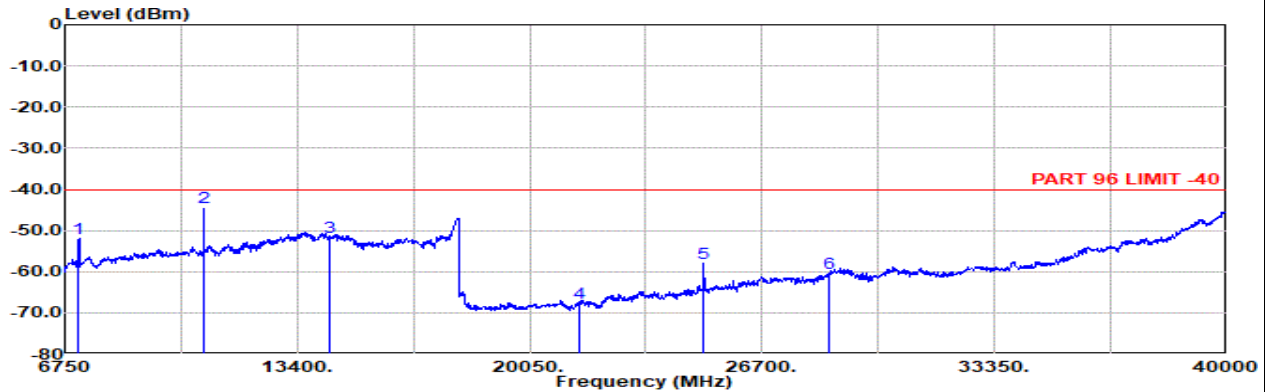


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Part 96 Mode 2

NR SA n77 100M Ch641666 1RB1 BPSK

M

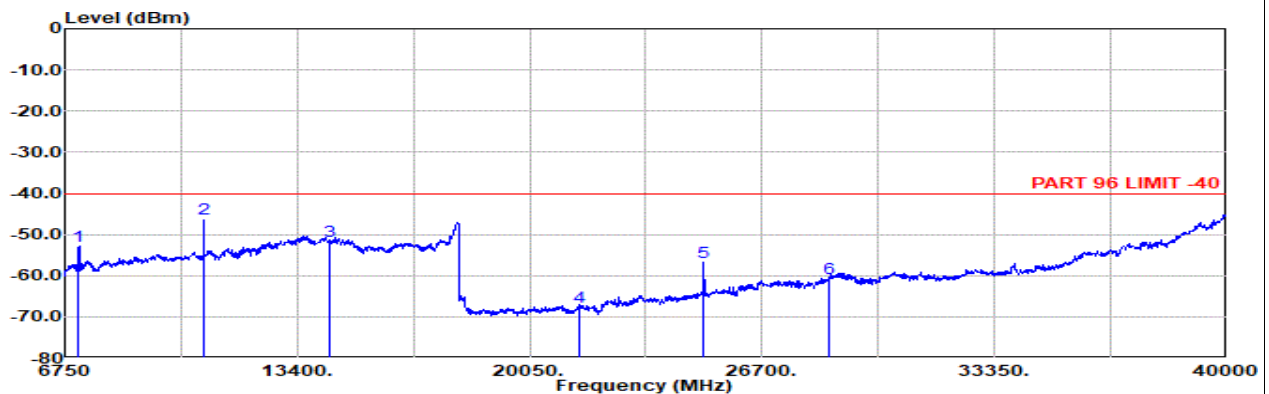


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n77 100M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7152.00	-51.82	RMS	36.91	-51.95	0.90	-95.23	57.55	-40.00	-11.82	Horizontal
2	10728.00	-44.23	RMS	39.24	-49.96	0.26	-95.23	61.46	-40.00	-4.23	Horizontal
3	14305.00	-51.62	RMS	40.90	-45.72	0.44	-95.23	47.99	-40.00	-11.62	Horizontal
4	21457.00	-67.53	RMS	38.09	-29.78	-9.54	-95.23	28.93	-40.00	-27.53	Horizontal
5	25033.00	-57.82	RMS	39.17	-26.73	-9.54	-95.23	34.51	-40.00	-17.82	Horizontal
6	28610.00	-60.42	RMS	40.82	-25.31	-9.54	-95.23	28.84	-40.00	-20.42	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n77 100M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7152.00	-52.69	RMS	36.91	-51.95	0.90	-95.23	56.68	-40.00	-12.69	Vertical
2	10728.00	-46.31	RMS	39.24	-49.96	0.26	-95.23	59.38	-40.00	-6.31	Vertical
3	14305.00	-51.74	RMS	40.90	-45.72	0.44	-95.23	47.87	-40.00	-11.74	Vertical
4	21457.00	-67.51	RMS	38.09	-29.78	-9.54	-95.23	28.95	-40.00	-27.51	Vertical
5	25033.00	-56.78	RMS	39.17	-26.73	-9.54	-95.23	35.55	-40.00	-16.78	Vertical
6	28610.00	-60.60	RMS	40.82	-25.31	-9.54	-95.23	28.66	-40.00	-20.60	Vertical

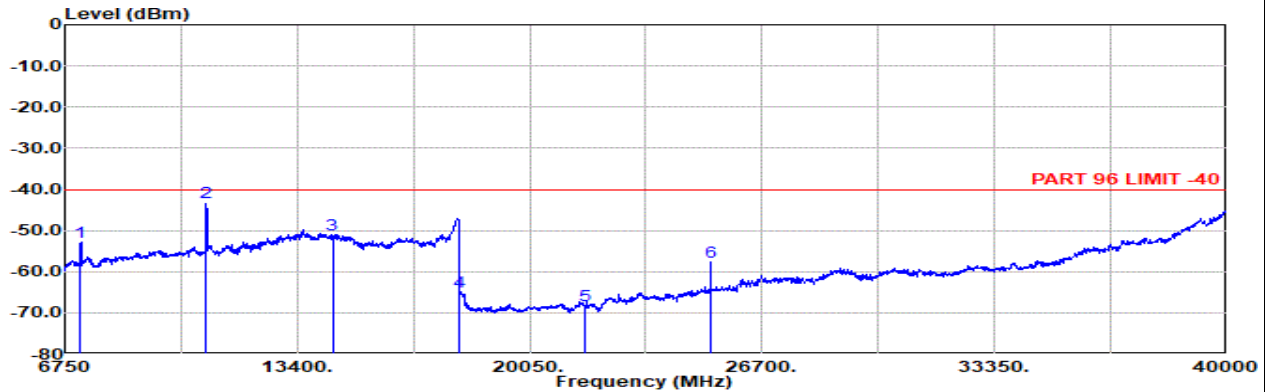


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Part 96 Mode 2

NR SA n77 100M Ch643332 1RB1 BPSK

H

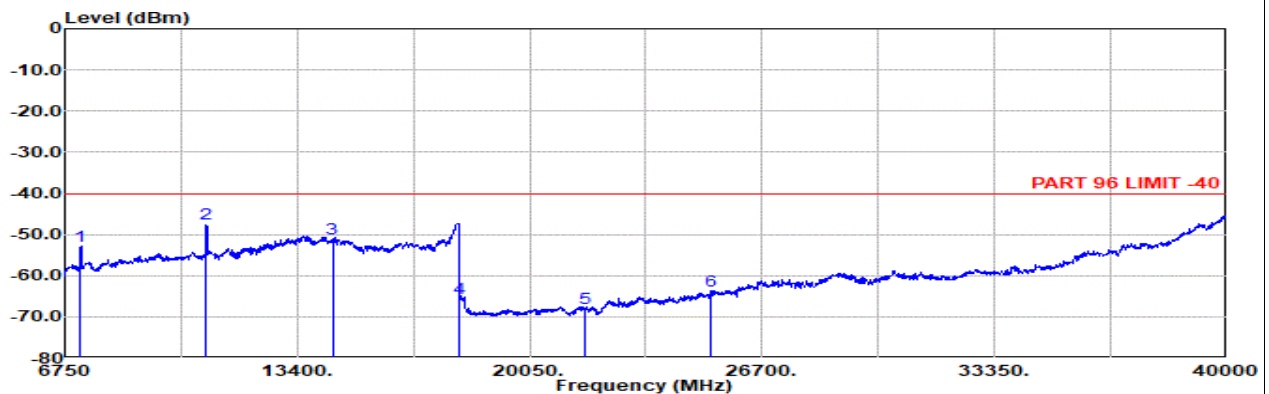


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR Band 77 100M Ch643332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin		Limit	Margin	Pol
				Factor	Amp\Cb dB			g	dBm			
1	7202.00	-52.93	RMS	37.10	-51.98	0.89	-95.23	56.29	-40.00	-12.93	Horizontal	
2	10803.00	-43.07	RMS	39.30	-49.87	0.27	-95.23	62.46	-40.00	-3.07	Horizontal	
3	14405.00	-51.14	RMS	40.80	-45.55	0.44	-95.23	48.40	-40.00	-11.14	Horizontal	
4	18006.00	-65.01	RMS	37.68	-32.06	-9.54	-95.23	34.14	-40.00	-25.01	Horizontal	
5	21607.00	-68.08	RMS	37.89	-29.66	-9.54	-95.23	28.46	-40.00	-28.08	Horizontal	
6	25208.00	-57.67	RMS	39.22	-26.46	-9.54	-95.23	34.34	-40.00	-17.67	Horizontal	



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR Band 77 100M Ch643332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin		Limit	Margin	Pol
				Factor	Amp\Cb dB			g	dBm			
1	7202.00	-52.93	RMS	37.10	-51.98	0.89	-95.23	56.29	-40.00	-12.93	Vertical	
2	10803.00	-47.28	RMS	39.30	-49.87	0.27	-95.23	58.25	-40.00	-7.28	Vertical	
3	14405.00	-50.94	RMS	40.80	-45.55	0.44	-95.23	48.60	-40.00	-10.94	Vertical	
4	18006.00	-65.45	RMS	37.68	-32.06	-9.54	-95.23	33.70	-40.00	-25.45	Vertical	
5	21607.00	-68.07	RMS	37.89	-29.66	-9.54	-95.23	28.47	-40.00	-28.07	Vertical	
6	25208.00	-63.82	RMS	39.22	-26.46	-9.54	-95.23	28.19	-40.00	-23.82	Vertical	

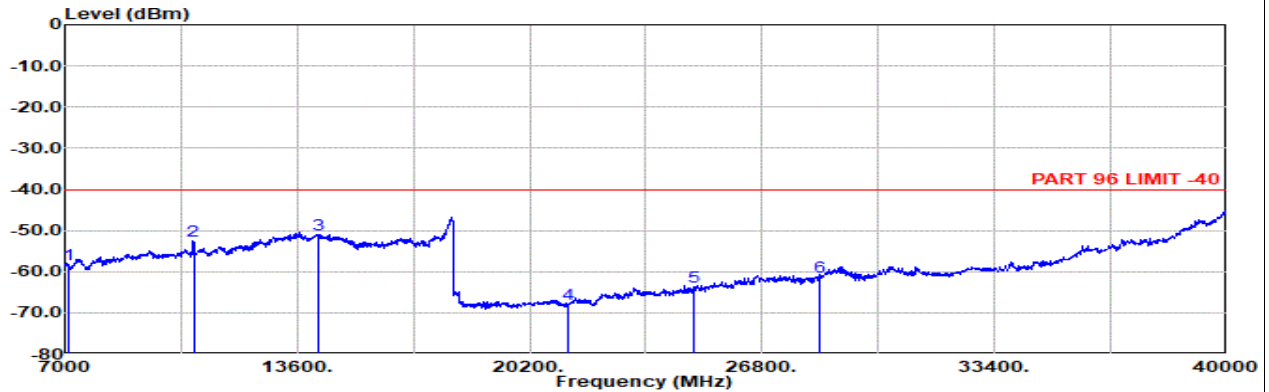


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Part 96 Mode 3

NR SA n78 100M Ch640000 1RB1 BPSK

L

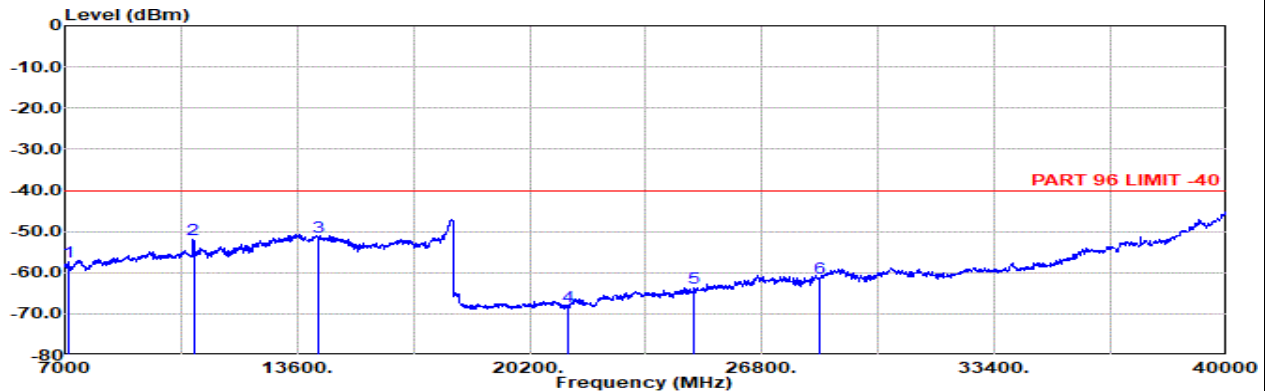


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR Band 78 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-58.20	RMS	36.58	-51.92	0.90	-95.23	51.47	-40.00	-18.20	Horizontal
2	10653.00	-52.66	RMS	39.30	-50.06	0.26	-95.23	53.07	-40.00	-12.66	Horizontal
3	14205.00	-50.98	RMS	41.09	-45.90	0.45	-95.23	48.61	-40.00	-10.98	Horizontal
4	21307.00	-68.03	RMS	37.81	-29.97	-9.54	-95.23	28.90	-40.00	-28.03	Horizontal
5	24858.00	-63.71	RMS	39.27	-26.91	-9.54	-95.23	28.70	-40.00	-23.71	Horizontal
6	28410.00	-61.17	RMS	40.31	-25.54	-9.54	-95.23	28.83	-40.00	-21.17	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR Band 78 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-57.35	RMS	36.58	-51.92	0.90	-95.23	52.32	-40.00	-17.35	Vertical
2	10653.00	-51.80	RMS	39.30	-50.06	0.26	-95.23	53.93	-40.00	-11.80	Vertical
3	14205.00	-51.23	RMS	41.06	-45.87	0.45	-95.23	48.36	-40.00	-11.23	Vertical
4	21307.00	-68.12	RMS	37.81	-29.97	-9.54	-95.23	28.81	-40.00	-28.12	Vertical
5	24858.00	-63.56	RMS	39.29	-26.91	-9.54	-95.23	28.83	-40.00	-23.56	Vertical
6	28410.00	-61.13	RMS	40.37	-25.55	-9.54	-95.23	28.82	-40.00	-21.13	Vertical

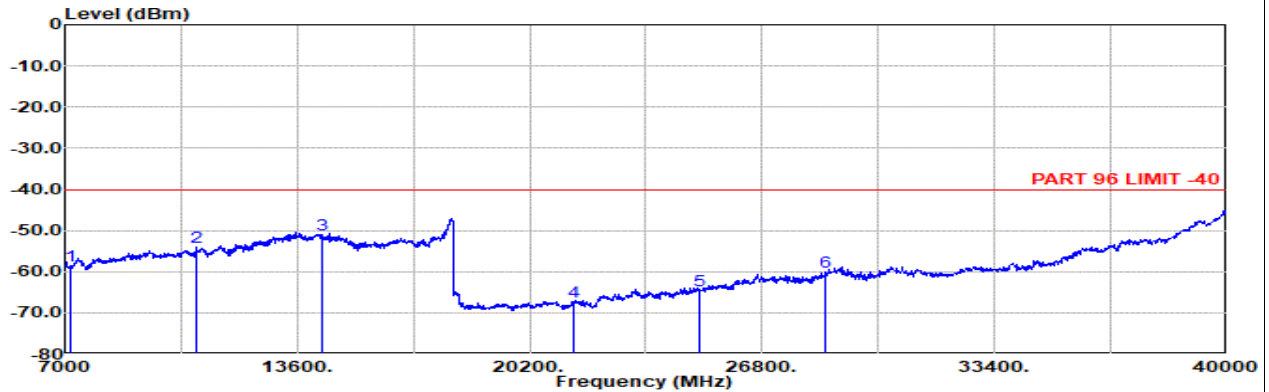


Ant8

Part 96 Mode 3

NR SA n78 100M Ch641666 1RB1 BPSK

M

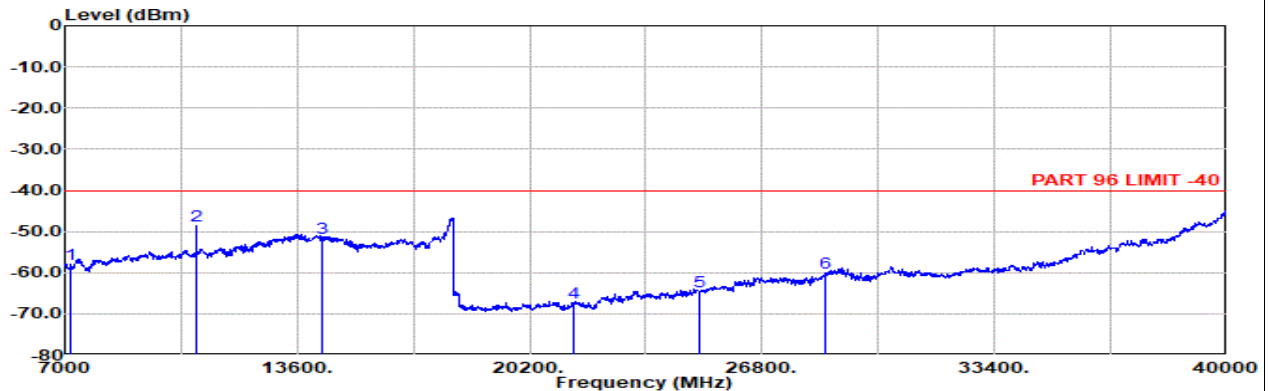


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR Band 78 100M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1		EIRPCF	g	dBm	dB	
1	7152.00	-58.51	RMS	36.92	-51.95	0.90	-95.23	50.85	-40.00	-18.51	Horizontal
2	10728.00	-54.00	RMS	39.24	-49.96	0.26	-95.23	51.69	-40.00	-14.00	Horizontal
3	14305.00	-51.15	RMS	40.90	-45.71	0.44	-95.23	48.45	-40.00	-11.15	Horizontal
4	21457.00	-67.18	RMS	38.09	-29.78	-9.54	-95.23	29.28	-40.00	-27.18	Horizontal
5	25033.00	-64.69	RMS	39.16	-26.73	-9.54	-95.23	27.65	-40.00	-24.69	Horizontal
6	28610.00	-60.16	RMS	40.81	-25.32	-9.54	-95.23	29.12	-40.00	-20.16	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR Band 78 100M Ch641666 1RB1 BPSK

	Freq	Level	Detector	Ant	Amp\Cb	Filter		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	1		EIRPCF	g	dBm	dB	
1	7152.00	-57.91	RMS	36.92	-51.95	0.90	-95.23	51.45	-40.00	-17.91	Vertical
2	10728.00	-48.75	RMS	39.24	-49.96	0.26	-95.23	56.94	-40.00	-8.75	Vertical
3	14305.00	-51.75	RMS	40.90	-45.71	0.44	-95.23	47.85	-40.00	-11.75	Vertical
4	21457.00	-67.44	RMS	38.10	-29.79	-9.54	-95.23	29.02	-40.00	-27.44	Vertical
5	25033.00	-64.47	RMS	39.15	-26.74	-9.54	-95.23	27.89	-40.00	-24.47	Vertical
6	28610.00	-59.93	RMS	40.84	-25.29	-9.54	-95.23	29.29	-40.00	-19.93	Vertical

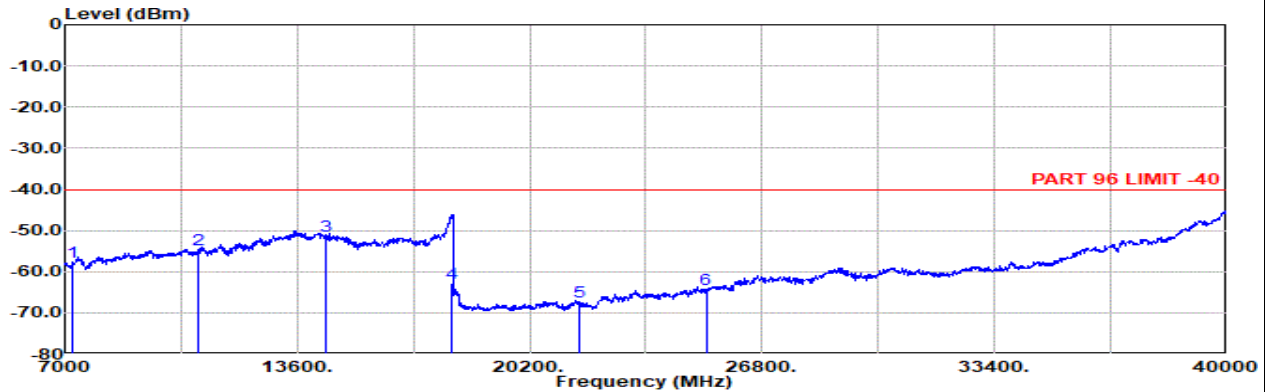


Ant8

Part 96 Mode 3

NR SA n78 100M Ch643332 1RB1 BPSK

H

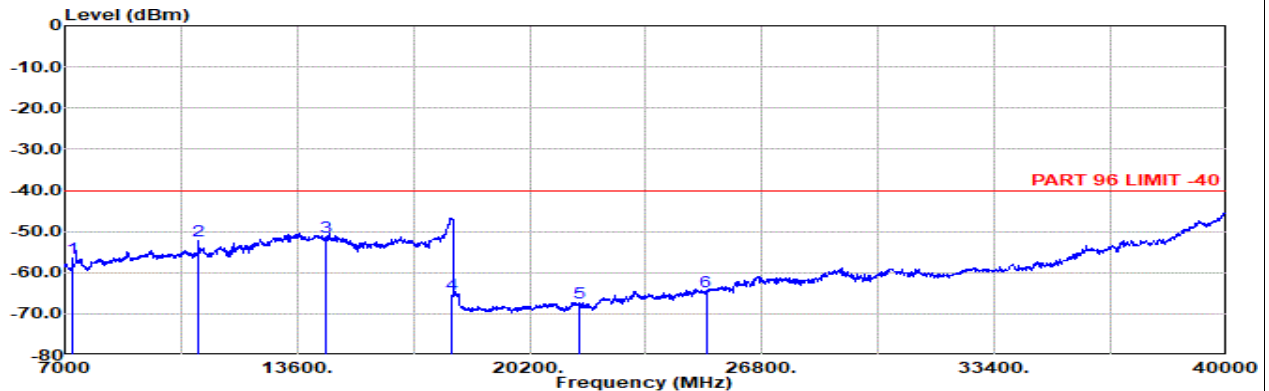


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR Band 78 100M Ch643332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb 1						
1	7202.00	-57.60	RMS	37.12	-51.97	0.89	-95.23	51.59	-40.00	-17.60	Horizontal
2	10803.00	-54.49	RMS	39.30	-49.86	0.27	-95.23	51.03	-40.00	-14.49	Horizontal
3	14405.00	-51.25	RMS	40.80	-45.54	0.44	-95.23	48.28	-40.00	-11.25	Horizontal
4	18006.00	-62.71	RMS	37.67	-32.06	-9.54	-95.23	36.45	-40.00	-22.71	Horizontal
5	21607.00	-67.18	RMS	37.88	-29.66	-9.54	-95.23	29.37	-40.00	-27.18	Horizontal
6	25208.00	-64.27	RMS	39.22	-26.46	-9.54	-95.23	27.74	-40.00	-24.27	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR Band 78 100M Ch643332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	Amp\Cb 1						
1	7202.00	-56.43	RMS	37.12	-51.97	0.89	-95.23	52.76	-40.00	-16.43	Vertical
2	10803.00	-52.37	RMS	39.30	-49.86	0.27	-95.23	53.15	-40.00	-12.37	Vertical
3	14405.00	-51.29	RMS	40.80	-45.54	0.44	-95.23	48.24	-40.00	-11.29	Vertical
4	18006.00	-65.32	RMS	37.64	-32.07	-9.54	-95.23	33.88	-40.00	-25.32	Vertical
5	21607.00	-67.33	RMS	37.90	-29.67	-9.54	-95.23	29.21	-40.00	-27.33	Vertical
6	25208.00	-64.47	RMS	39.22	-26.46	-9.54	-95.23	27.54	-40.00	-24.47	Vertical

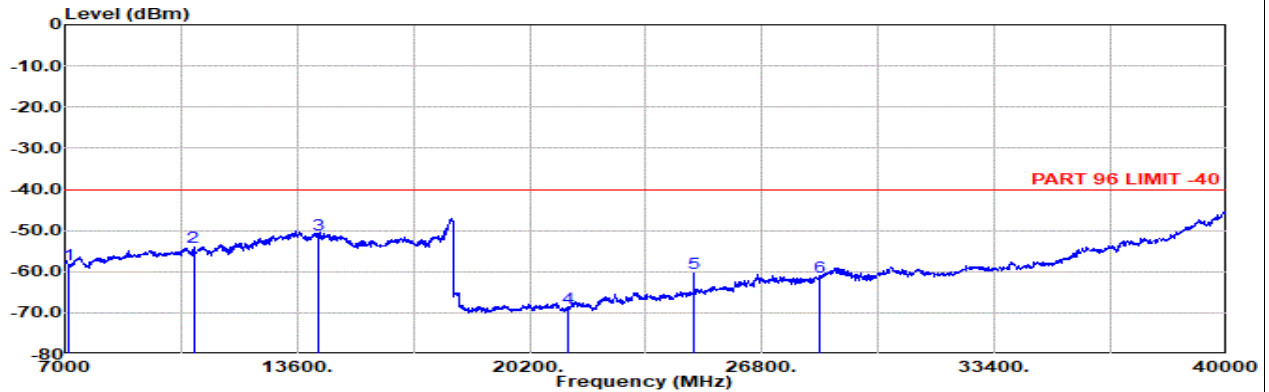


Ant8+9

Part 96 Mode 4

NR SA n77 100M Ch640000 1RB1 QPSK

L

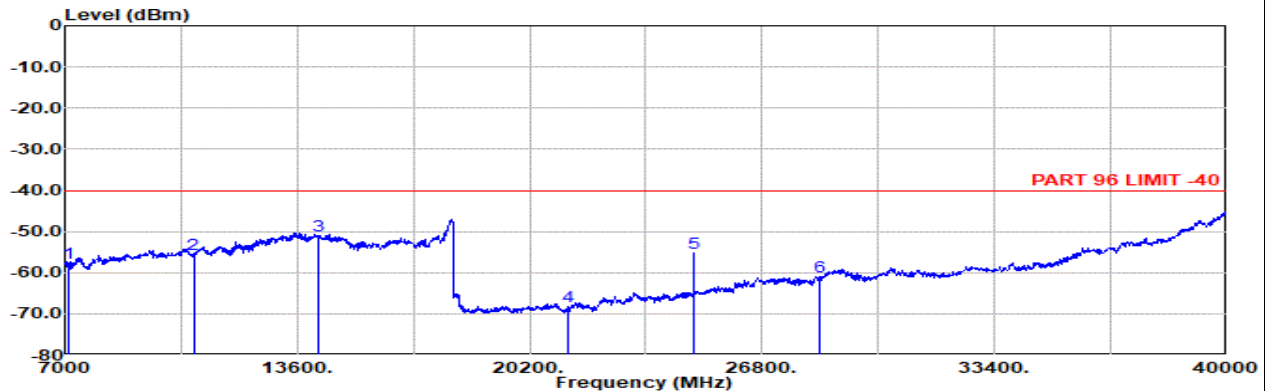


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n77 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-58.35	RMS	36.52	-51.91	0.90	-95.23	51.37	-40.00	-18.35	Horizontal
2	10653.00	-53.97	RMS	39.30	-50.06	0.26	-95.23	51.76	-40.00	-13.97	Horizontal
3	14205.00	-51.07	RMS	41.09	-45.89	0.45	-95.23	48.51	-40.00	-11.07	Horizontal
4	21307.00	-68.91	RMS	37.86	-29.96	-9.54	-95.23	27.96	-40.00	-28.91	Horizontal
5	24858.00	-60.50	RMS	39.28	-26.91	-9.54	-95.23	31.90	-40.00	-20.50	Horizontal
6	28410.00	-61.33	RMS	40.36	-25.55	-9.54	-95.23	28.63	-40.00	-21.33	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n77 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-57.66	RMS	36.52	-51.91	0.90	-95.23	52.06	-40.00	-17.66	Vertical
2	10653.00	-55.64	RMS	39.30	-50.06	0.26	-95.23	50.09	-40.00	-15.64	Vertical
3	14205.00	-50.97	RMS	41.09	-45.89	0.45	-95.23	48.61	-40.00	-10.97	Vertical
4	21307.00	-68.30	RMS	37.86	-29.96	-9.54	-95.23	28.57	-40.00	-28.30	Vertical
5	24858.00	-55.19	RMS	39.28	-26.91	-9.54	-95.23	37.21	-40.00	-15.19	Vertical
6	28410.00	-61.04	RMS	40.36	-25.55	-9.54	-95.23	28.92	-40.00	-21.04	Vertical

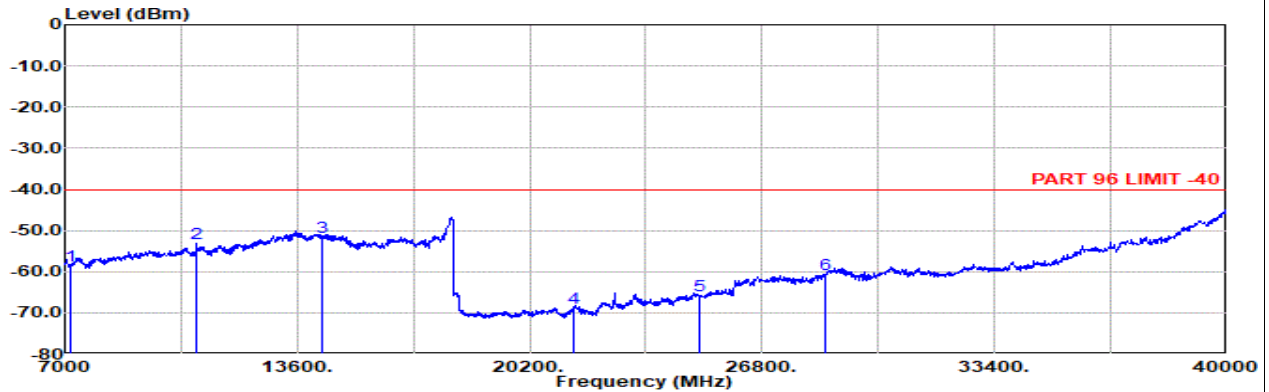


Ant8+9

Part 96 Mode 4

NR SA n77 100M Ch641666 1RB1 QPSK

M

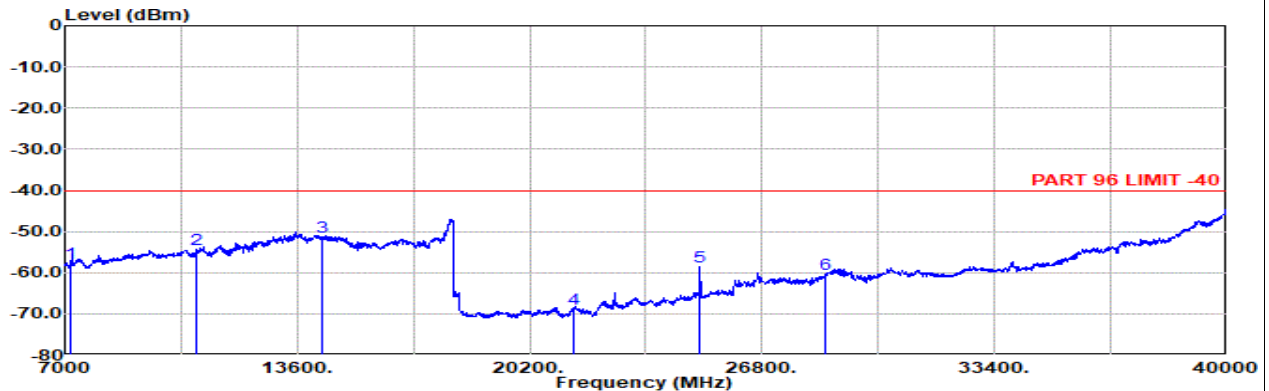


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n77 100M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7152.00	-58.55	RMS	36.91	-51.95	0.90	-95.23	50.82	-40.00	-18.55	Horizontal
2	10728.00	-53.20	RMS	39.24	-49.96	0.26	-95.23	52.49	-40.00	-13.20	Horizontal
3	14305.00	-51.54	RMS	40.90	-45.72	0.44	-95.23	48.07	-40.00	-11.54	Horizontal
4	21457.00	-68.75	RMS	38.09	-29.78	-9.54	-95.23	27.71	-40.00	-28.75	Horizontal
5	25033.00	-65.87	RMS	39.17	-26.73	-9.54	-95.23	26.46	-40.00	-25.87	Horizontal
6	28610.00	-60.54	RMS	40.82	-25.31	-9.54	-95.23	28.72	-40.00	-20.54	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n77 100M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7152.00	-57.60	RMS	36.91	-51.95	0.90	-95.23	51.77	-40.00	-17.60	Vertical
2	10728.00	-54.26	RMS	39.24	-49.96	0.26	-95.23	51.43	-40.00	-14.26	Vertical
3	14305.00	-51.25	RMS	40.90	-45.72	0.44	-95.23	48.36	-40.00	-11.25	Vertical
4	21457.00	-68.74	RMS	38.09	-29.78	-9.54	-95.23	27.72	-40.00	-28.74	Vertical
5	25033.00	-58.54	RMS	39.17	-26.73	-9.54	-95.23	33.79	-40.00	-18.54	Vertical
6	28610.00	-60.24	RMS	40.82	-25.31	-9.54	-95.23	29.02	-40.00	-20.24	Vertical

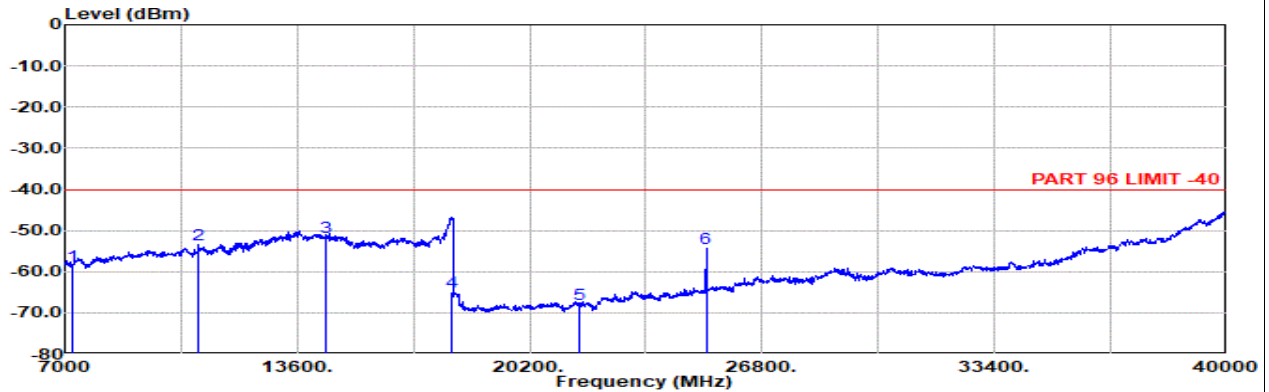


Ant8+9

Part 96 Mode 4

NR SA n77 100M Ch643332 1RB1 QPSK

H

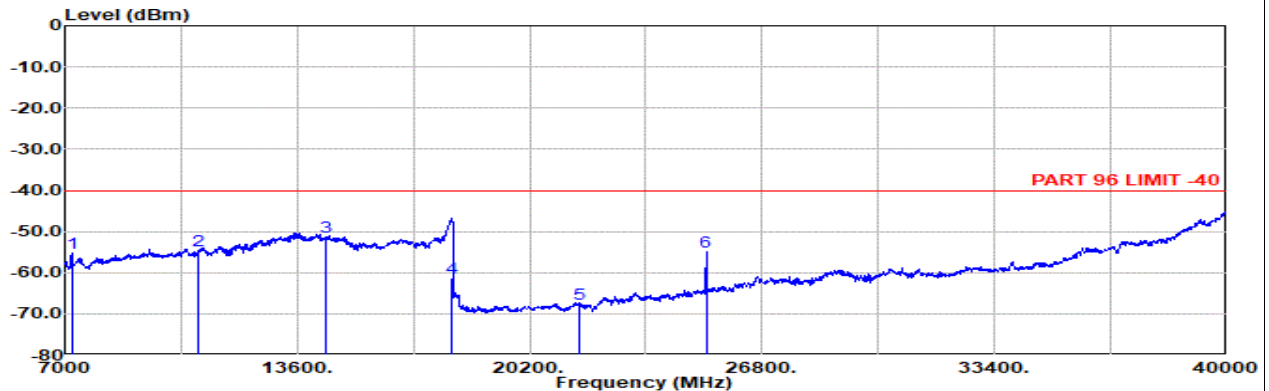


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n77 100M Ch643332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7202.00	-58.54	RMS	37.10	-51.98	0.89	-95.23	50.68	-40.00	-18.54	Horizontal
2	10803.00	-53.55	RMS	39.30	-49.87	0.27	-95.23	51.98	-40.00	-13.55	Horizontal
3	14405.00	-51.49	RMS	40.80	-45.55	0.44	-95.23	48.05	-40.00	-11.49	Horizontal
4	18006.00	-64.98	RMS	37.68	-32.06	-9.54	-95.23	34.17	-40.00	-24.98	Horizontal
5	21607.00	-67.83	RMS	37.89	-29.66	-9.54	-95.23	28.71	-40.00	-27.83	Horizontal
6	25208.00	-54.35	RMS	39.22	-26.46	-9.54	-95.23	37.66	-40.00	-14.35	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n77 100M Ch643332 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7202.00	-55.23	RMS	37.10	-51.98	0.89	-95.23	53.99	-40.00	-15.23	Vertical
2	10803.00	-54.64	RMS	39.30	-49.87	0.27	-95.23	50.89	-40.00	-14.64	Vertical
3	14405.00	-51.28	RMS	40.80	-45.55	0.44	-95.23	48.26	-40.00	-11.28	Vertical
4	18006.00	-61.20	RMS	37.68	-32.06	-9.54	-95.23	37.95	-40.00	-21.20	Vertical
5	21607.00	-67.62	RMS	37.89	-29.66	-9.54	-95.23	28.92	-40.00	-27.62	Vertical
6	25208.00	-55.01	RMS	39.22	-26.46	-9.54	-95.23	37.00	-40.00	-15.01	Vertical

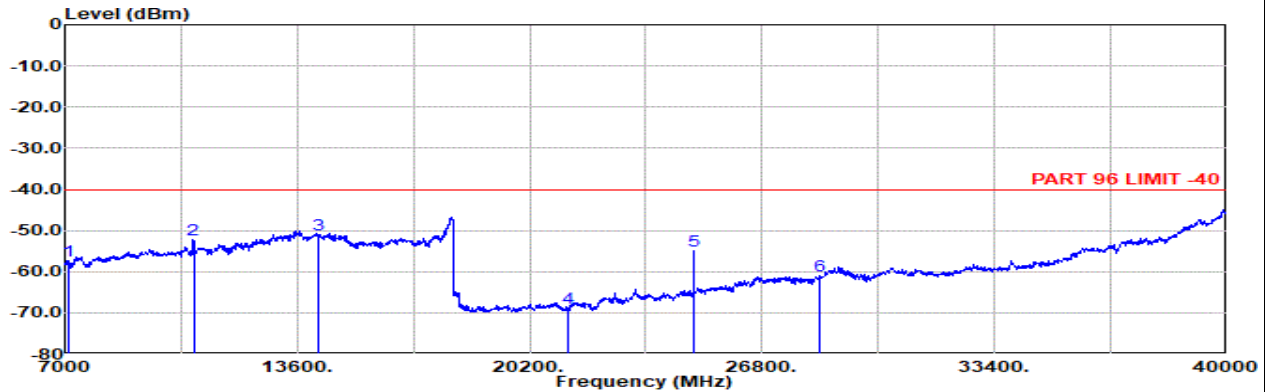


Ant8+9

Part 96 Mode 5

NR SA n78 100M Ch640000 1RB1 QPSK

L

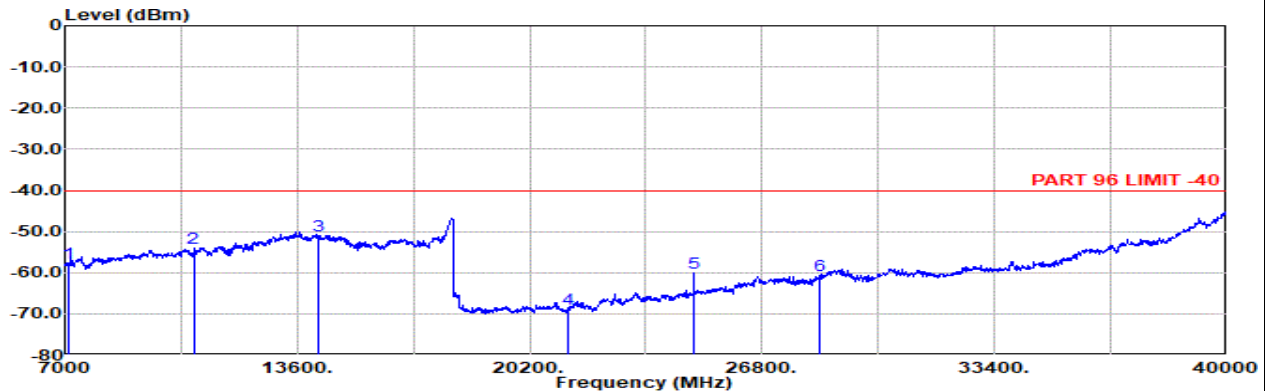


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n78 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-57.24	RMS	36.52	-51.91	0.90	-95.23	52.48	-40.00	-17.24	Horizontal
2	10653.00	-52.34	RMS	39.30	-50.06	0.26	-95.23	53.39	-40.00	-12.34	Horizontal
3	14205.00	-50.88	RMS	41.09	-45.89	0.45	-95.23	48.70	-40.00	-10.88	Horizontal
4	21307.00	-68.94	RMS	37.86	-29.96	-9.54	-95.23	27.93	-40.00	-28.94	Horizontal
5	24858.00	-55.02	RMS	39.28	-26.91	-9.54	-95.23	37.38	-40.00	-15.02	Horizontal
6	28410.00	-61.03	RMS	40.36	-25.55	-9.54	-95.23	28.93	-40.00	-21.03	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n78 100M Ch640000 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7102.00	-57.62	RMS	36.52	-51.91	0.90	-95.23	52.10	-40.00	-17.62	Vertical
2	10653.00	-54.06	RMS	39.30	-50.06	0.26	-95.23	51.67	-40.00	-14.06	Vertical
3	14205.00	-51.11	RMS	41.09	-45.89	0.45	-95.23	48.47	-40.00	-11.11	Vertical
4	21307.00	-68.90	RMS	37.86	-29.96	-9.54	-95.23	27.97	-40.00	-28.90	Vertical
5	24858.00	-59.95	RMS	39.28	-26.91	-9.54	-95.23	32.45	-40.00	-19.95	Vertical
6	28410.00	-60.56	RMS	40.36	-25.55	-9.54	-95.23	29.40	-40.00	-20.56	Vertical

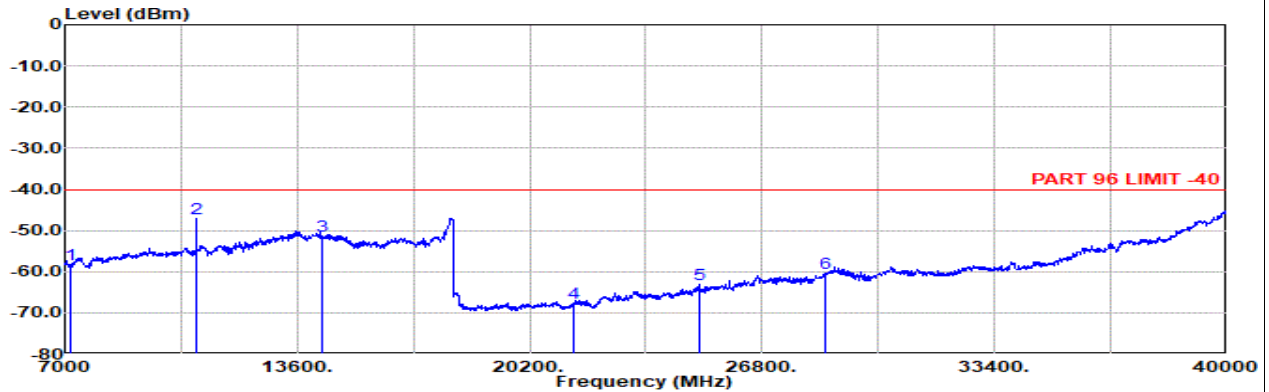


Ant8+9

Part 96 Mode 5

NR SA n78 100M Ch641666 1RB1 QPSK

M

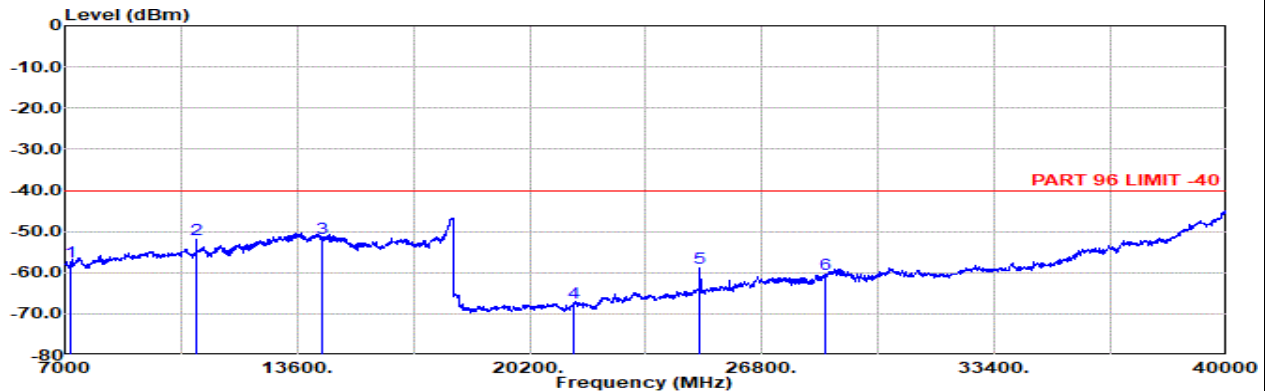


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

: NR SA n78 100M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7152.00	-58.30	RMS	36.91	-51.95	0.90	-95.23	51.07	-40.00	-18.30	Horizontal
2	10728.00	-47.03	RMS	39.24	-49.96	0.26	-95.23	58.66	-40.00	-7.03	Horizontal
3	14305.00	-51.18	RMS	40.90	-45.72	0.44	-95.23	48.43	-40.00	-11.18	Horizontal
4	21457.00	-67.55	RMS	38.09	-29.78	-9.54	-95.23	28.91	-40.00	-27.55	Horizontal
5	25033.00	-63.08	RMS	39.17	-26.73	-9.54	-95.23	29.25	-40.00	-23.08	Horizontal
6	28610.00	-60.42	RMS	40.82	-25.31	-9.54	-95.23	28.84	-40.00	-20.42	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

: NR SA n78 100M Ch641666 1RB1 BPSK

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
				Factor	1						
1	7152.00	-57.47	RMS	36.91	-51.95	0.90	-95.23	51.90	-40.00	-17.47	Vertical
2	10728.00	-51.97	RMS	39.24	-49.96	0.26	-95.23	53.72	-40.00	-11.97	Vertical
3	14305.00	-51.66	RMS	40.90	-45.72	0.44	-95.23	47.95	-40.00	-11.66	Vertical
4	21457.00	-67.26	RMS	38.09	-29.78	-9.54	-95.23	29.20	-40.00	-27.26	Vertical
5	25033.00	-58.85	RMS	39.17	-26.73	-9.54	-95.23	33.48	-40.00	-18.85	Vertical
6	28610.00	-60.41	RMS	40.82	-25.31	-9.54	-95.23	28.85	-40.00	-20.41	Vertical

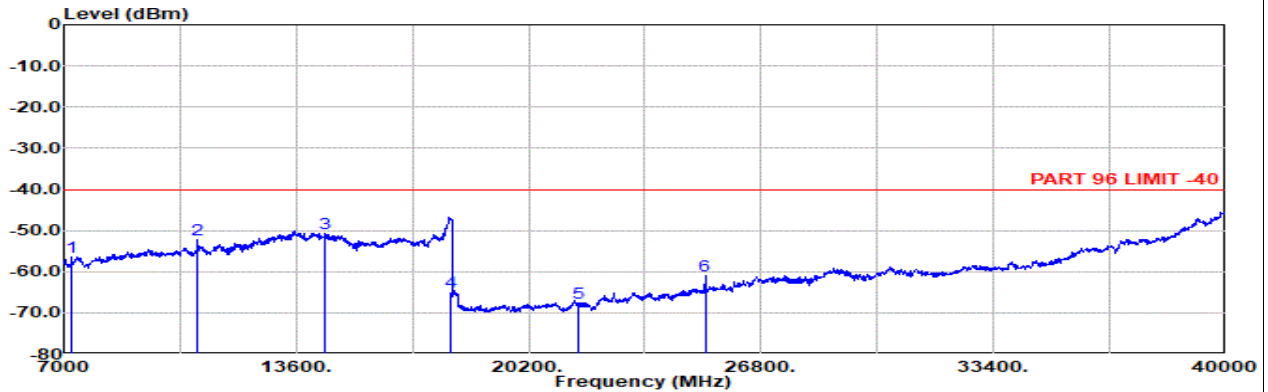


Ant8+9

Part 96 Mode 5

NR SA n78 100M Ch643332 1RB1 QPSK

H

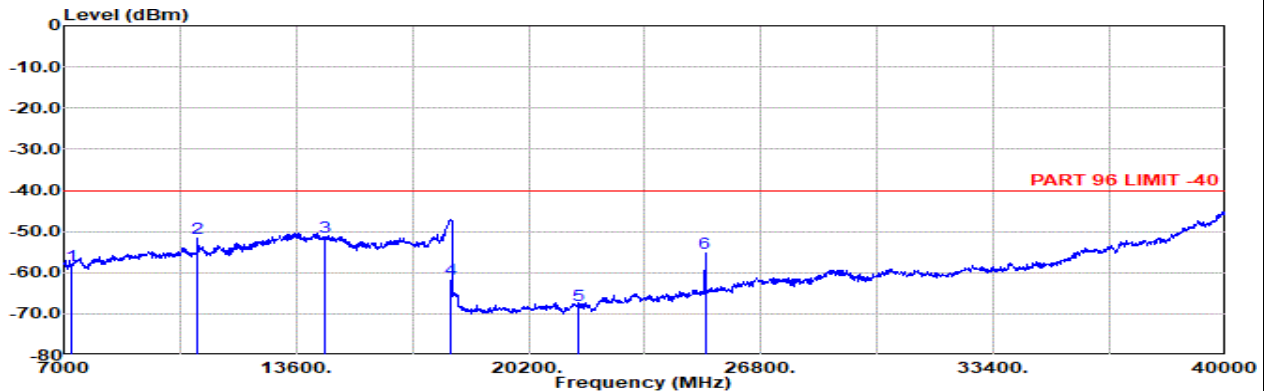


Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Horizontal

NR SA n78 100M Ch643332 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7202.00	-56.50	RMS	37.10	-51.98	0.89	-95.23	52.72	-40.00	-16.50	Horizontal
2	10803.00	-52.35	RMS	39.30	-49.87	0.27	-95.23	53.18	-40.00	-12.35	Horizontal
3	14405.00	-50.81	RMS	40.80	-45.55	0.44	-95.23	48.73	-40.00	-10.81	Horizontal
4	18006.00	-64.81	RMS	37.68	-32.06	-9.54	-95.23	34.34	-40.00	-24.81	Horizontal
5	21607.00	-67.54	RMS	37.89	-29.66	-9.54	-95.23	29.00	-40.00	-27.54	Horizontal
6	25208.00	-60.95	RMS	39.22	-26.46	-9.54	-95.23	31.06	-40.00	-20.95	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 1m SHF_00993_231124 Vertical

NR SA n78 100M Ch643332 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm			dB	dB	dB	dBuV	dBm	dB	
1	7202.00	-58.20	RMS	37.10	-51.98	0.89	-95.23	51.02	-40.00	-18.20	Vertical
2	10803.00	-51.58	RMS	39.30	-49.87	0.27	-95.23	53.95	-40.00	-11.58	Vertical
3	14405.00	-51.29	RMS	40.80	-45.55	0.44	-95.23	48.25	-40.00	-11.29	Vertical
4	18006.00	-61.67	RMS	37.68	-32.06	-9.54	-95.23	37.48	-40.00	-21.67	Vertical
5	21607.00	-68.04	RMS	37.89	-29.66	-9.54	-95.23	28.50	-40.00	-28.04	Vertical
6	25208.00	-55.20	RMS	39.22	-26.46	-9.54	-95.23	36.81	-40.00	-15.20	Vertical

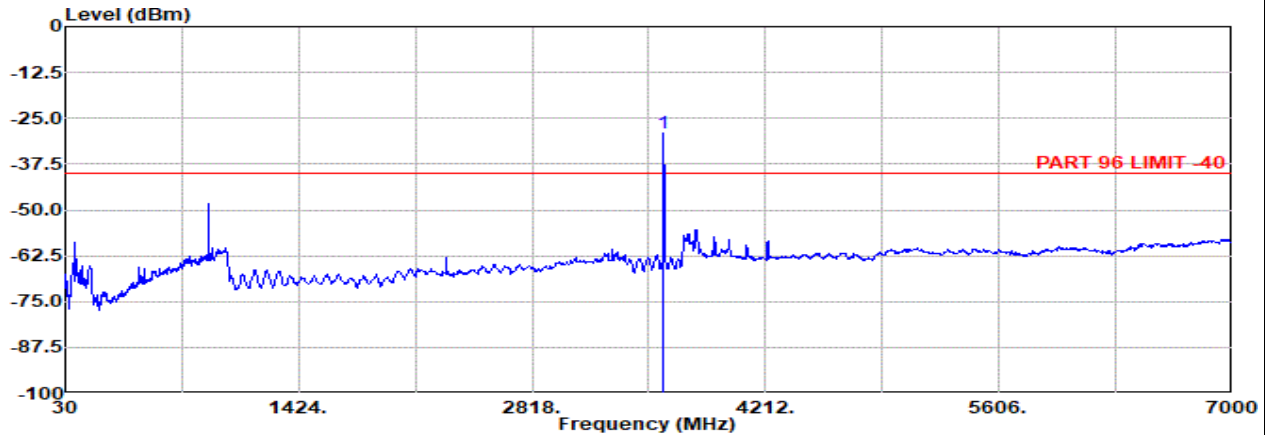


Ant8

Part 96 Mode 2

NR SA n77 100M Ch643332 1RB1 BPSK

H



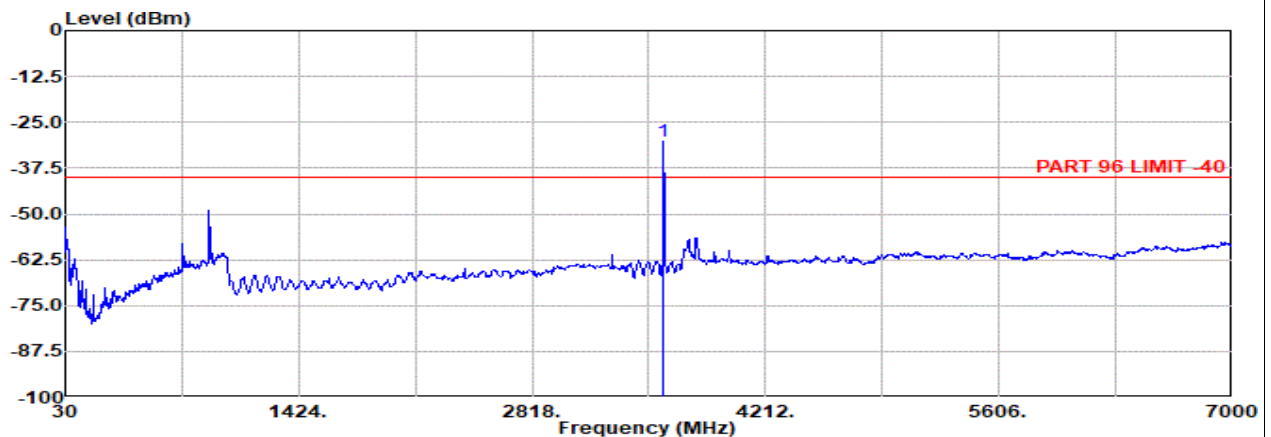
Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m Bilog_37059_20231103 Horizontal

: NR Band 77 100M Ch643332 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
1	3601.25	-29.04	RMS	--	9.37	0.00	-95.23	556.82	-40.00	10.96	Horizontal



Site : 03CH12-HY

Condition: PART 96 LIMIT -40 3m Bilog_37059_20231103 Vertical

: NR Band 77 100M Ch643332 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
1	3601.25	-30.26	RMS	--	9.37	0.00	-95.23	555.60	-40.00	9.74	Vertical

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