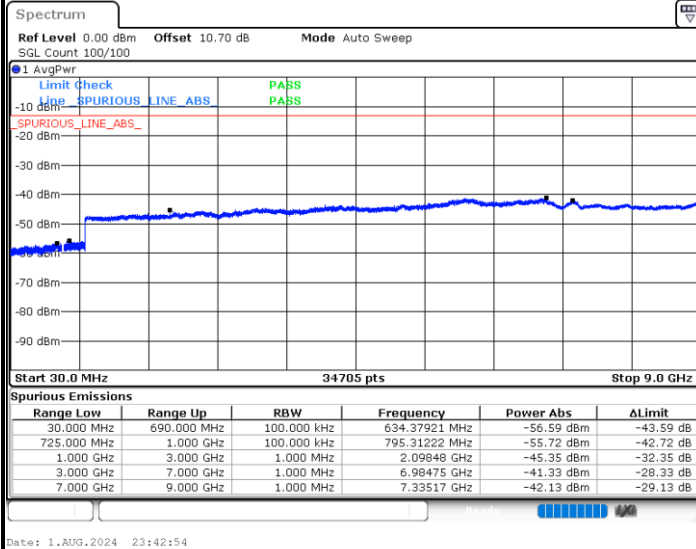


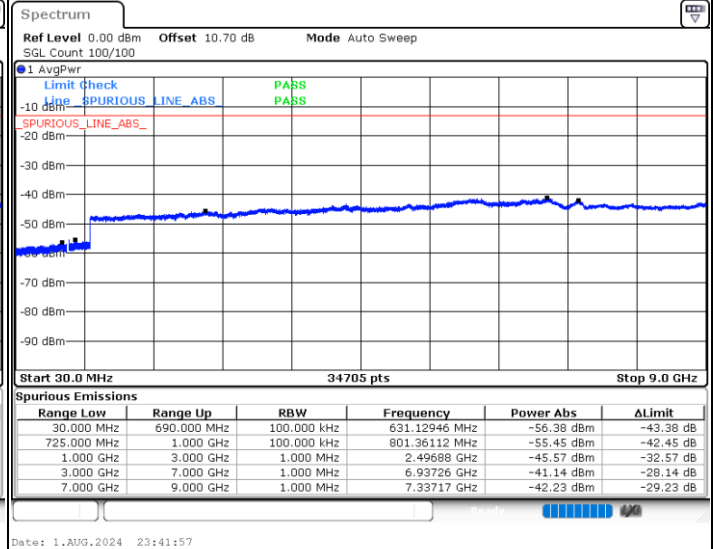


LTE Band 12 / 5MHz

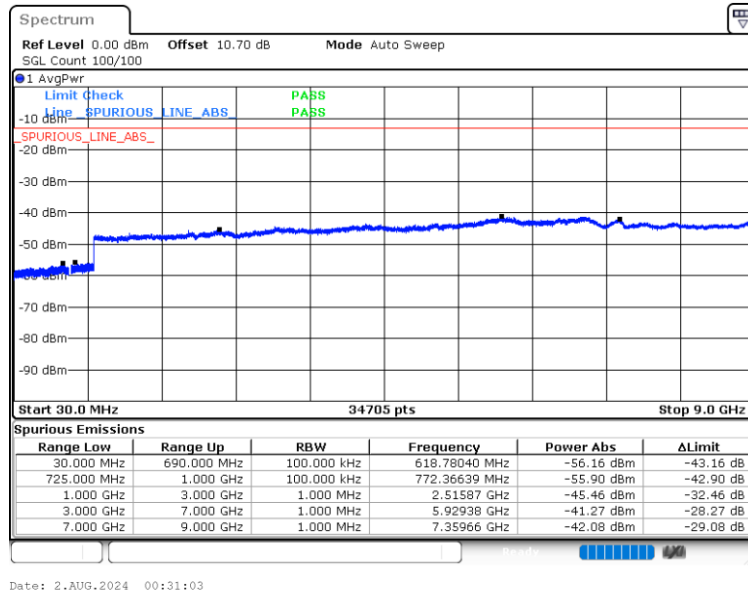
Lowest Channel / QPSK



Middle Channel / QPSK



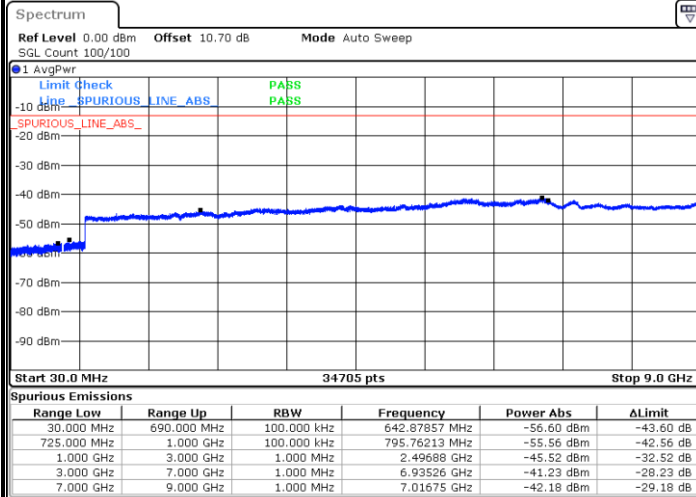
Highest Channel / QPSK





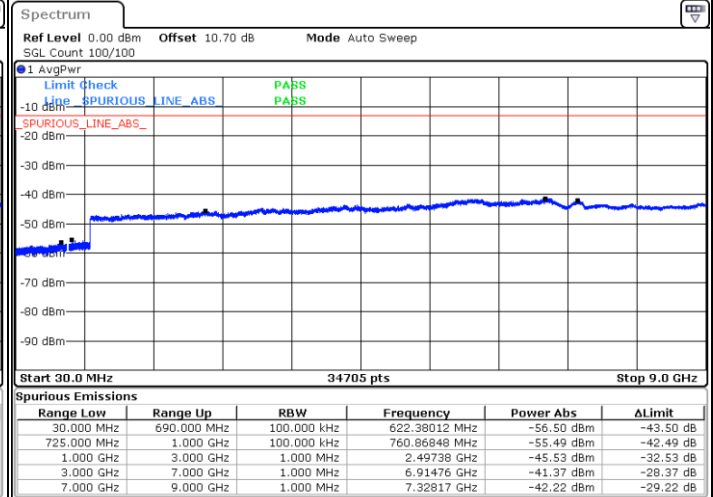
LTE Band 12 / 10MHz

Lowest Channel / QPSK



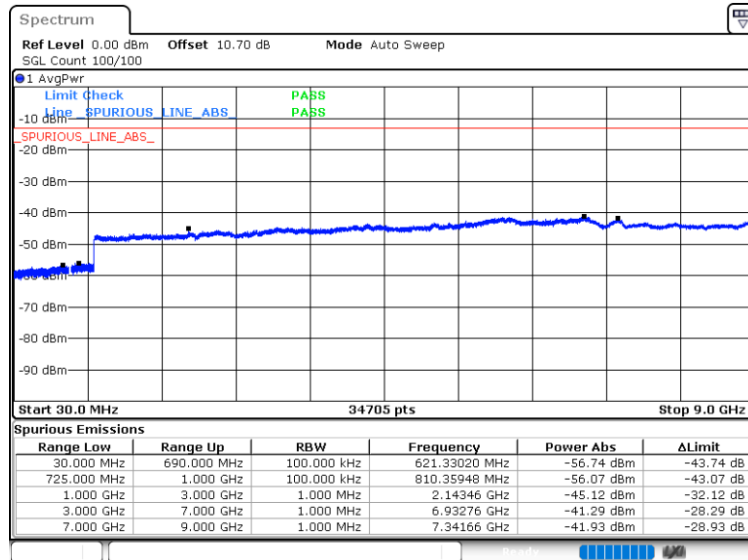
Date: 2.AUG.2024 00:38:50

Middle Channel / QPSK



Date: 2.AUG.2024 00:37:50

Highest Channel / QPSK



Date: 2.AUG.2024 00:47:54

Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0113	PASS
40	Normal Voltage	0.0031	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0075	
-10	Normal Voltage	0.0079	
-20	Normal Voltage	0.0229	
-30	Normal Voltage	0.0090	
20	Maximum Voltage	0.0208	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0081	

Note:

1. Normal Voltage = 110 V. ; Minimum Voltage = 93.5 V. ; Maximum Voltage = 264.5 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

<Sample 1>

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 22H	CatM1 B5	H	2520	-45.87	RMS	32.50	-50.32	0.23	-95.23	66.95	-13.00	-32.87	H	CatM1
3	Part 22H	CatM1 B26	M	2504	-44.10	RMS	32.34	-50.35	0.25	-95.23	68.89	-13.00	-31.10	H	CatM1
1	Part 24E	CatM1 B2	L	3710	-38.92	RMS	33.12	-49.00	0.67	-95.23	71.52	-13.00	-25.92	V	CatM1
1	Part 27H	CatM1 B12	H	1416	-34.65	RMS	28.50	-52.75	0.41	-95.23	84.42	-13.00	-21.65	H	CatM1
1	Part 27L	CatM1 B4	L	3435	-15.46	RMS	33.10	-49.13	0.79	-95.23	95.01	-13.00	-2.46	H	CatM1
1	Part 27F	CatM1 B13	M	1560	-45.58	RMS	27.70	-52.34	0.33	-95.23	73.96	-42.15	-3.43	V	CatM1
2	Part 27F	CatM1 B13	H	1568	-43.98	RMS	27.70	-52.32	0.33	-95.23	75.54	-42.15	-1.83	V	CatM1
1	Part 90S	CatM1 B26	H	3280	-44.69	RMS	32.76	-49.22	0.14	-95.23	66.86	-13.00	-31.69	V	CatM1
3	Part 90S	CatM1 B26	M	3264	-43.88	RMS	32.73	-49.24	0.14	-95.23	67.72	-13.00	-30.88	V	CatM1
5	Part 90S	CatM1 B26	L	3264	-44.41	RMS	32.73	-49.24	0.14	-95.23	67.19	-13.00	-31.41	V	CatM1
7	Part 90S	CatM1 B26	M	2456	-44.91	RMS	32.06	-50.44	0.32	-95.23	68.38	-13.00	-31.91	V	CatM1

<Sample 3>

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
3	Part 24E	CatM1 B2	L	5565	-40.98	RMS	34.70	-44.06	0.51	-95.23	63.10	-13.00	-27.98	H	CatM1
5	Part 27F	CatM1 B13	H	1568	-44.42	RMS	27.70	-52.32	0.33	-95.23	75.10	-42.15	-2.27	V	CatM1
9	Part 90S	CatM1 B26	M	2448	-47.63	RMS	31.98	-50.45	0.33	-95.23	65.74	-13.00	-34.63	H	CatM1



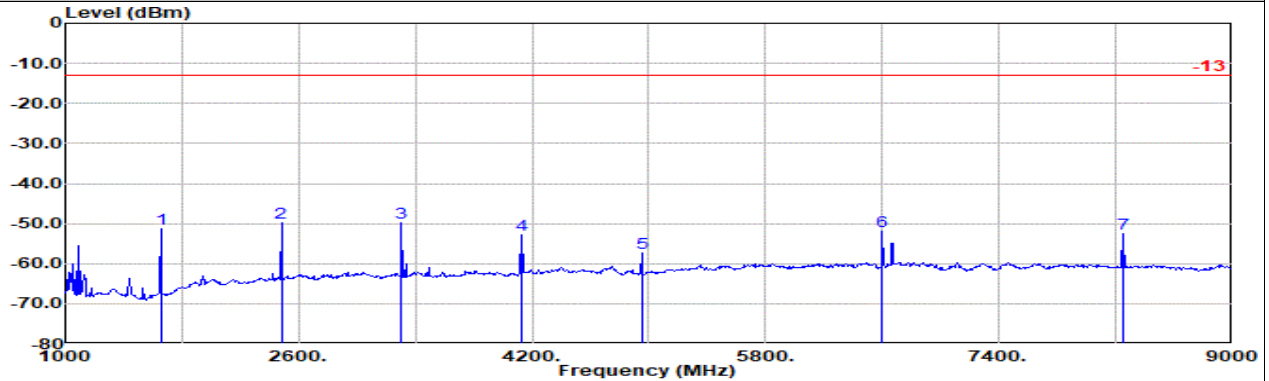
Sample 1

CatM1

Part 22H Mode 1

CatM1 B5 10M Ch20450 1RB0 16QAM

L

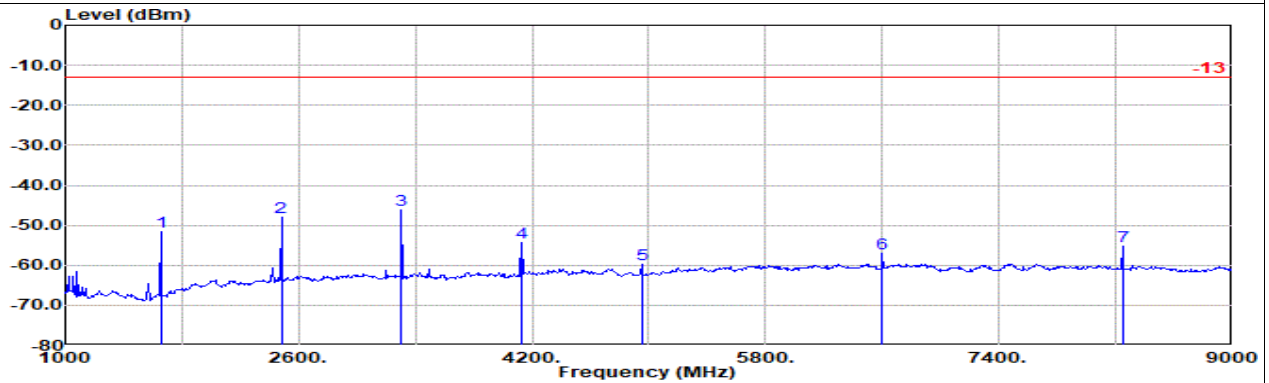


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 5 10M CH20450 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB		dB	dB	dBuV	dBm	dB	
1	1656.00	-51.27	RMS	28.70	-52.10	0.31	-95.23	67.05	-13.00	-38.27	Horizontal	
2	2480.00	-49.95	RMS	32.10	-50.40	0.29	-95.23	63.29	-13.00	-36.95	Horizontal	
3	3304.00	-49.76	RMS	32.81	-49.20	0.14	-95.23	61.72	-13.00	-36.76	Horizontal	
4	4128.00	-52.76	RMS	33.57	-48.63	0.45	-95.23	57.08	-13.00	-39.76	Horizontal	
5	4952.00	-57.23	RMS	34.40	-46.76	0.20	-95.23	50.16	-13.00	-44.23	Horizontal	
6	6600.00	-51.90	RMS	35.50	-42.29	0.34	-95.23	49.78	-13.00	-38.90	Horizontal	
7	8248.00	-52.49	RMS	35.80	-42.22	0.20	-95.23	48.96	-13.00	-39.49	Horizontal	



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 5 10M CH20450 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB		dB	dB	dBuV	dBm	dB	
1	1656.00	-51.59	RMS	28.70	-52.10	0.31	-95.23	66.73	-13.00	-38.59	Vertical	
2	2480.00	-47.93	RMS	32.10	-50.40	0.29	-95.23	65.31	-13.00	-34.93	Vertical	
3	3304.00	-46.26	RMS	32.81	-49.20	0.14	-95.23	65.22	-13.00	-33.26	Vertical	
4	4128.00	-54.23	RMS	33.57	-48.63	0.45	-95.23	55.61	-13.00	-41.23	Vertical	
5	4952.00	-59.89	RMS	34.40	-46.76	0.20	-95.23	47.50	-13.00	-46.89	Vertical	
6	6600.00	-56.94	RMS	35.50	-42.29	0.34	-95.23	44.74	-13.00	-43.94	Vertical	
7	8248.00	-55.32	RMS	35.80	-42.22	0.20	-95.23	46.13	-13.00	-42.32	Vertical	

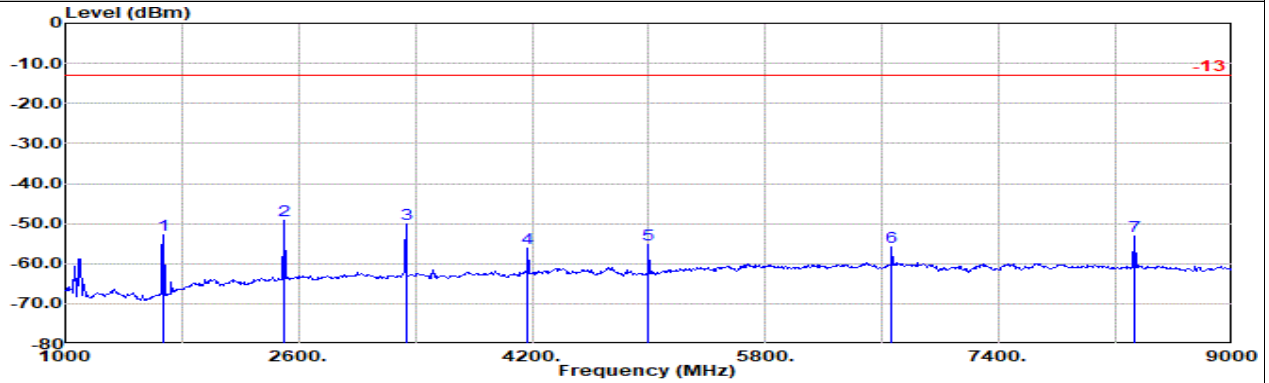


CatM1

Part 22H Mode 1

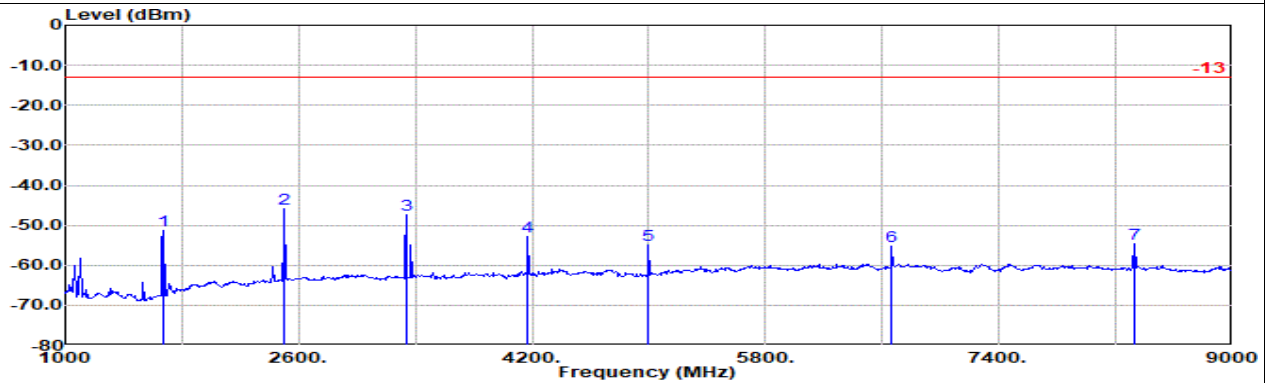
CatM1 B5 10M Ch20525 1RB0 16QAM

M



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : Cat M1 Band 5 10M CH20525 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB		dB	dB	dBuV	dBm	dB	
1	1672.00	-52.98	RMS	28.70	-52.06	0.31	-95.23	65.30	-13.00	-39.98	Horizontal	
2	2504.00	-49.23	RMS	32.34	-50.35	0.25	-95.23	63.76	-13.00	-36.23	Horizontal	
3	3336.00	-50.17	RMS	32.87	-49.18	0.14	-95.23	61.23	-13.00	-37.17	Horizontal	
4	4168.00	-56.06	RMS	33.66	-48.57	0.43	-95.23	53.65	-13.00	-43.06	Horizontal	
5	5000.00	-55.37	RMS	34.40	-46.63	0.22	-95.23	51.87	-13.00	-42.37	Horizontal	
6	6664.00	-55.75	RMS	35.53	-42.41	0.56	-95.23	45.80	-13.00	-42.75	Horizontal	
7	8328.00	-52.99	RMS	35.70	-42.20	0.18	-95.23	48.56	-13.00	-39.99	Horizontal	



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : Cat M1 Band 5 10M CH20525 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB		dB	dB	dBuV	dBm	dB	
1	1672.00	-51.42	RMS	28.70	-52.06	0.31	-95.23	66.86	-13.00	-38.42	Vertical	
2	2504.00	-45.91	RMS	32.34	-50.35	0.25	-95.23	67.08	-13.00	-32.91	Vertical	
3	3336.00	-47.38	RMS	32.87	-49.18	0.14	-95.23	64.02	-13.00	-34.38	Vertical	
4	4168.00	-52.74	RMS	33.66	-48.57	0.43	-95.23	56.97	-13.00	-39.74	Vertical	
5	5000.00	-55.04	RMS	34.40	-46.63	0.22	-95.23	52.20	-13.00	-42.04	Vertical	
6	6664.00	-55.25	RMS	35.53	-42.41	0.56	-95.23	46.30	-13.00	-42.25	Vertical	
7	8328.00	-54.69	RMS	35.70	-42.20	0.18	-95.23	46.86	-13.00	-41.69	Vertical	

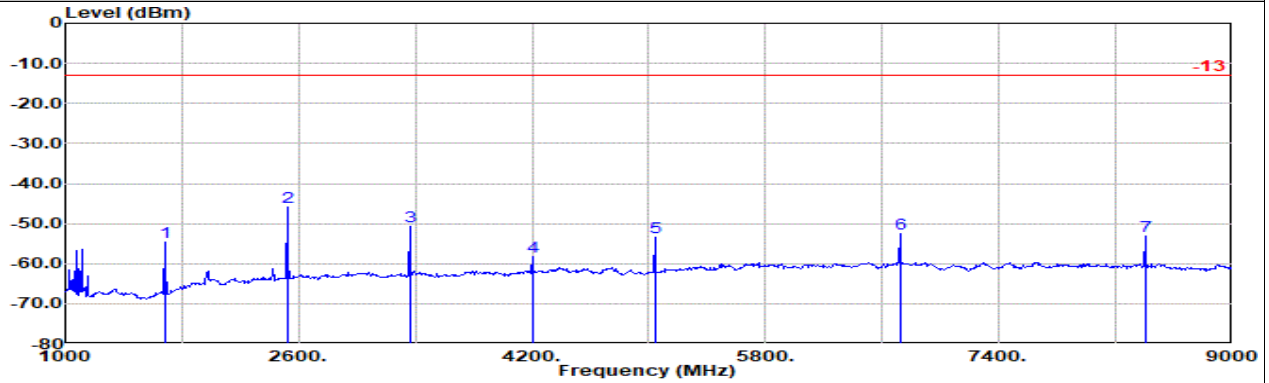


CatM1

Part 22H Mode 1

CatM1 B5 10M Ch20600 1RB0 16QAM

H

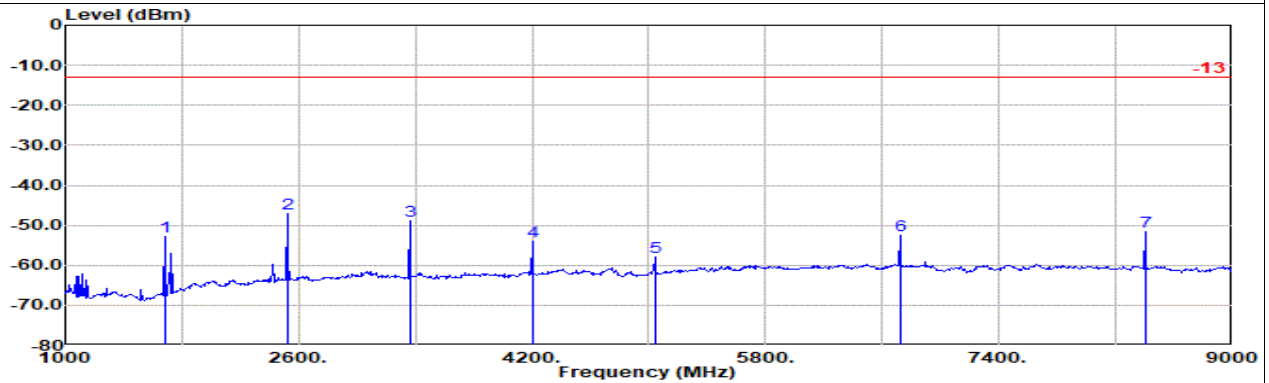


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 5 10M CH20600 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm							dBuV	dBm	dB	
1	1680.00	-54.63	RMS	28.70	-52.04	0.31	-95.23	63.63	-13.00	-41.63	Horizontal	
2	2520.00	-45.87	RMS	32.50	-50.32	0.23	-95.23	66.95	-13.00	-32.87	Horizontal	
3	3360.00	-50.75	RMS	32.94	-49.16	0.15	-95.23	60.55	-13.00	-37.75	Horizontal	
4	4200.00	-58.13	RMS	33.60	-48.52	0.41	-95.23	51.61	-13.00	-45.13	Horizontal	
5	5040.00	-53.42	RMS	34.08	-46.42	0.25	-95.23	53.90	-13.00	-40.42	Horizontal	
6	6720.00	-52.39	RMS	35.64	-42.52	0.75	-95.23	48.97	-13.00	-39.39	Horizontal	
7	8400.00	-53.01	RMS	35.70	-42.18	0.17	-95.23	48.53	-13.00	-40.01	Horizontal	



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 5 10M CH20600 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1					
	MHz	dBm							dBuV	dBm	dB	
1	1680.00	-52.78	RMS	28.70	-52.04	0.31	-95.23	65.48	-13.00	-39.78	Vertical	
2	2520.00	-47.19	RMS	32.50	-50.32	0.23	-95.23	65.63	-13.00	-34.19	Vertical	
3	3360.00	-48.99	RMS	32.94	-49.16	0.15	-95.23	62.31	-13.00	-35.99	Vertical	
4	4200.00	-54.09	RMS	33.60	-48.52	0.41	-95.23	55.65	-13.00	-41.09	Vertical	
5	5040.00	-58.06	RMS	34.08	-46.42	0.25	-95.23	49.26	-13.00	-45.06	Vertical	
6	6720.00	-52.42	RMS	35.64	-42.52	0.75	-95.23	48.94	-13.00	-39.42	Vertical	
7	8400.00	-51.50	RMS	35.70	-42.18	0.17	-95.23	50.04	-13.00	-38.50	Vertical	

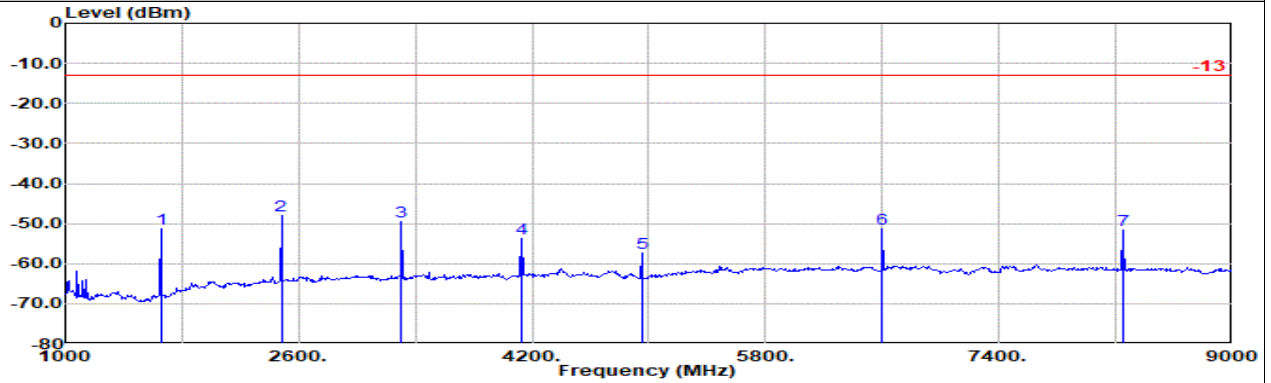


CatM1

Part 22H Mode 3

CatM1 B26 10M Ch26840 1RB0 16QAM

L

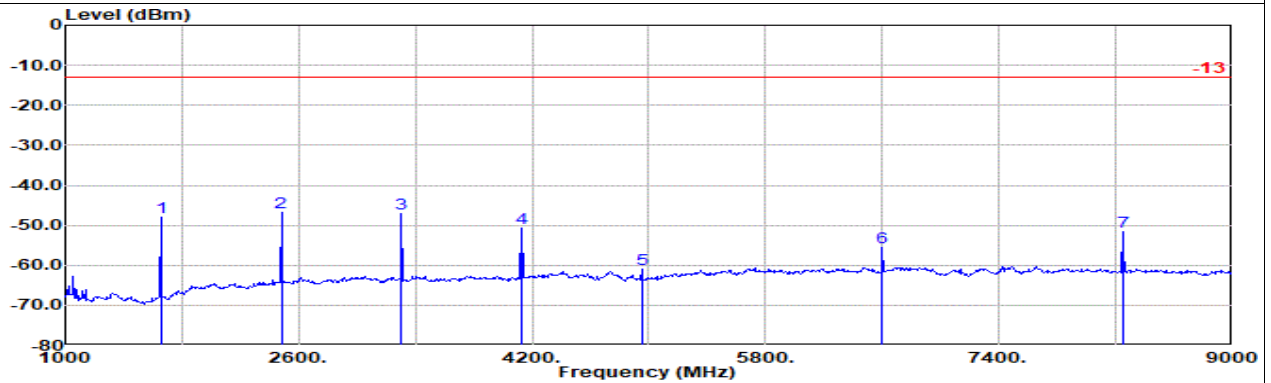


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 10M CH26840 1RB0 16QAM

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin		Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB			dB	dB	
1	1656.00	-51.19	RMS	28.70	-52.10	0.31	-95.23	67.13	-13.00	-38.19	Horizontal				
2	2480.00	-48.07	RMS	32.10	-50.40	0.29	-95.23	65.17	-13.00	-35.07	Horizontal				
3	3304.00	-49.39	RMS	32.81	-49.20	0.14	-95.23	62.09	-13.00	-36.39	Horizontal				
4	4128.00	-53.85	RMS	33.57	-48.63	0.45	-95.23	55.99	-13.00	-40.85	Horizontal				
5	4952.00	-57.27	RMS	34.40	-46.76	0.20	-95.23	50.12	-13.00	-44.27	Horizontal				
6	6600.00	-51.39	RMS	35.50	-42.29	0.34	-95.23	50.29	-13.00	-38.39	Horizontal				
7	8248.00	-51.69	RMS	35.80	-42.22	0.20	-95.23	49.76	-13.00	-38.69	Horizontal				



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 10M CH26840 1RB0 16QAM

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin		Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB			dB	dB	
1	1656.00	-48.07	RMS	28.70	-52.10	0.31	-95.23	70.25	-13.00	-35.07	Vertical				
2	2480.00	-46.90	RMS	32.10	-50.40	0.29	-95.23	66.34	-13.00	-33.90	Vertical				
3	3304.00	-47.14	RMS	32.81	-49.20	0.14	-95.23	64.34	-13.00	-34.14	Vertical				
4	4128.00	-50.79	RMS	33.57	-48.63	0.45	-95.23	59.05	-13.00	-37.79	Vertical				
5	4952.00	-60.92	RMS	34.40	-46.76	0.20	-95.23	46.47	-13.00	-47.92	Vertical				
6	6600.00	-55.67	RMS	35.50	-42.29	0.34	-95.23	46.01	-13.00	-42.67	Vertical				
7	8248.00	-51.54	RMS	35.80	-42.22	0.20	-95.23	49.91	-13.00	-38.54	Vertical				

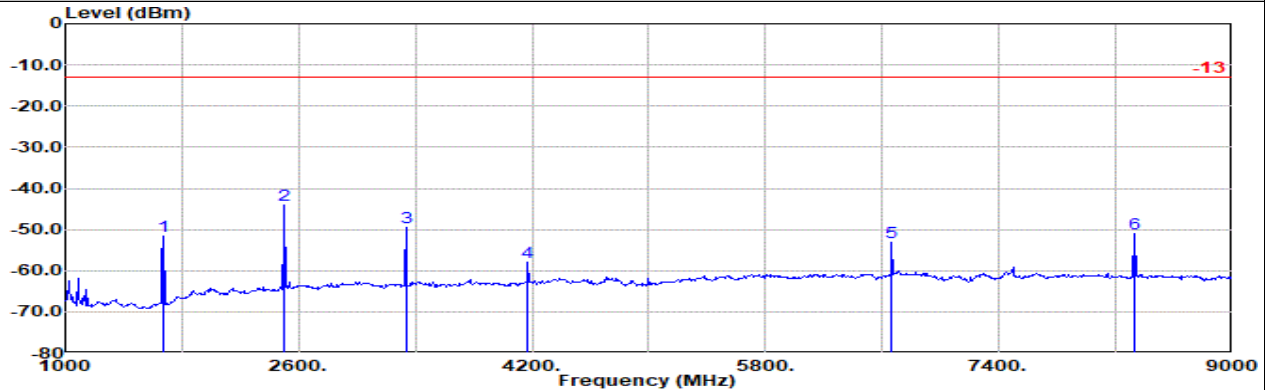


CatM1

Part 22H Mode 3

CatM1 B26 10M Ch26915 1RB0 16QAM

M

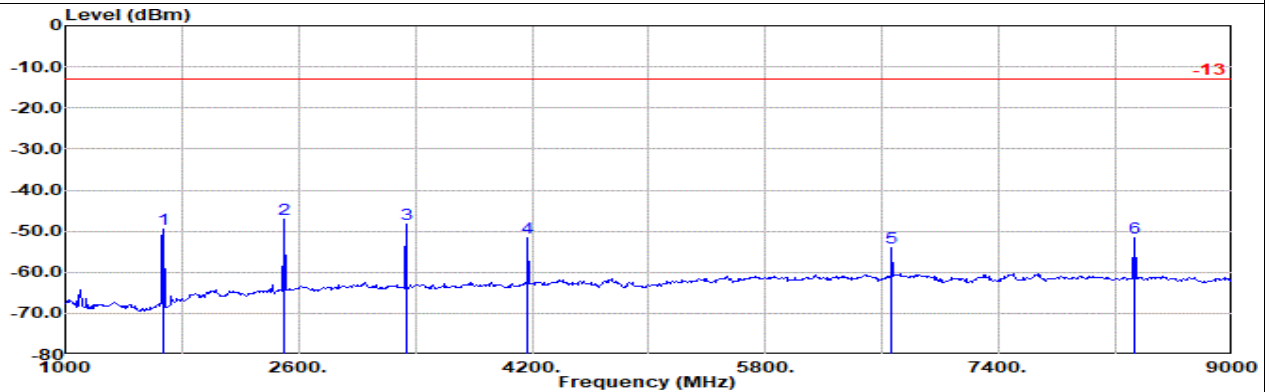


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 10M CH26915 1RB0 16QAM

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1672.00	-51.77 RMS	28.70	-52.06	0.31	-95.23	66.51	-13.00	-38.77	Horizontal
2	2504.00	-44.10 RMS	32.34	-50.35	0.25	-95.23	68.89	-13.00	-31.10	Horizontal
3	3336.00	-49.61 RMS	32.87	-49.18	0.14	-95.23	61.79	-13.00	-36.61	Horizontal
4	4168.00	-57.95 RMS	33.66	-48.57	0.43	-95.23	51.76	-13.00	-44.95	Horizontal
5	6664.00	-53.11 RMS	35.53	-42.41	0.56	-95.23	48.44	-13.00	-40.11	Horizontal
6	8328.00	-50.91 RMS	35.70	-42.20	0.18	-95.23	50.64	-13.00	-37.91	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 10M CH26915 1RB0 16QAM

Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	1672.00	-49.48 RMS	28.70	-52.06	0.31	-95.23	68.80	-13.00	-36.48	Vertical
2	2504.00	-47.15 RMS	32.34	-50.35	0.25	-95.23	65.84	-13.00	-34.15	Vertical
3	3336.00	-48.24 RMS	32.87	-49.18	0.14	-95.23	63.16	-13.00	-35.24	Vertical
4	4168.00	-51.57 RMS	33.66	-48.57	0.43	-95.23	58.14	-13.00	-38.57	Vertical
5	6664.00	-54.02 RMS	35.53	-42.41	0.56	-95.23	47.53	-13.00	-41.02	Vertical
6	8328.00	-51.60 RMS	35.70	-42.20	0.18	-95.23	49.95	-13.00	-38.60	Vertical

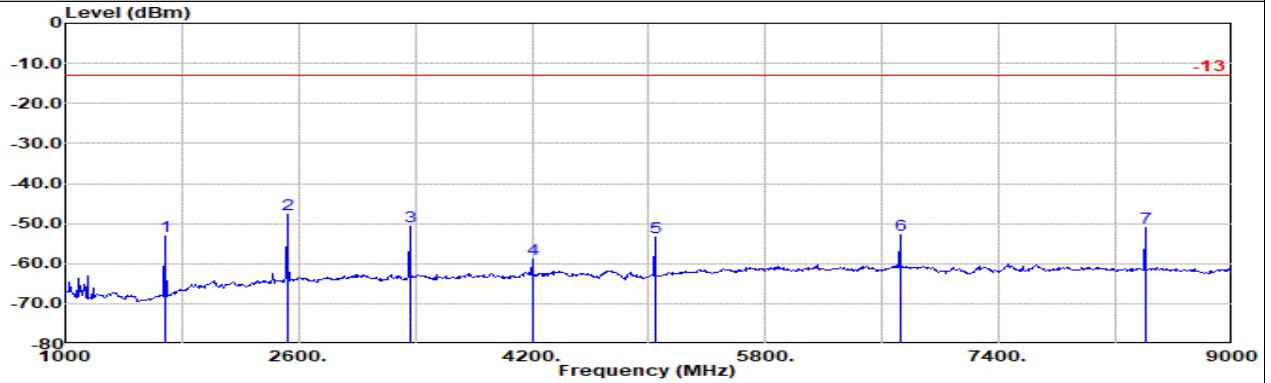


CatM1

Part 22H Mode 3

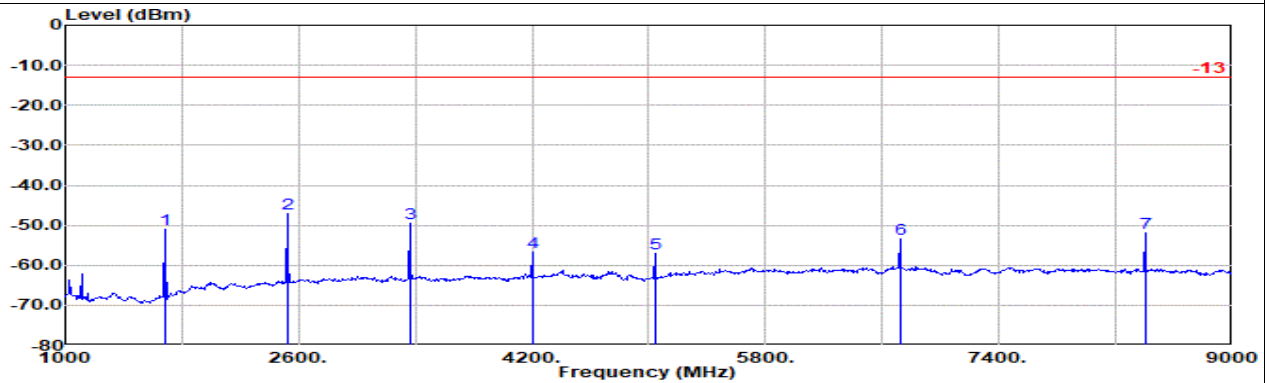
CatM1 B26 10M Ch26990 1RB0 16QAM

H



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : Cat M1 Band 26 10M CH26990 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1680.00	-53.00	RMS	28.70	-52.04	0.31	-95.23	65.26	-13.00	-40.00	Horizontal
2	2520.00	-47.74	RMS	32.50	-50.32	0.23	-95.23	65.08	-13.00	-34.74	Horizontal
3	3360.00	-50.65	RMS	32.94	-49.16	0.15	-95.23	60.65	-13.00	-37.65	Horizontal
4	4200.00	-58.85	RMS	33.60	-48.52	0.41	-95.23	50.89	-13.00	-45.85	Horizontal
5	5040.00	-53.38	RMS	34.08	-46.42	0.25	-95.23	53.94	-13.00	-40.38	Horizontal
6	6720.00	-52.83	RMS	35.64	-42.52	0.75	-95.23	48.53	-13.00	-39.83	Horizontal
7	8400.00	-50.95	RMS	35.70	-42.18	0.17	-95.23	50.59	-13.00	-37.95	Horizontal



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : Cat M1 Band 26 10M CH26990 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb		Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB			dB	dBuV		
1	1680.00	-50.91	RMS	28.70	-52.04	0.31	-95.23	67.35	-13.00	-37.91	Vertical
2	2520.00	-47.01	RMS	32.50	-50.32	0.23	-95.23	65.81	-13.00	-34.01	Vertical
3	3360.00	-49.65	RMS	32.94	-49.16	0.15	-95.23	61.65	-13.00	-36.65	Vertical
4	4200.00	-56.71	RMS	33.60	-48.52	0.41	-95.23	53.03	-13.00	-43.71	Vertical
5	5040.00	-57.01	RMS	34.08	-46.42	0.25	-95.23	50.31	-13.00	-44.01	Vertical
6	6720.00	-53.57	RMS	35.64	-42.52	0.75	-95.23	47.79	-13.00	-40.57	Vertical
7	8400.00	-52.01	RMS	35.70	-42.18	0.17	-95.23	49.53	-13.00	-39.01	Vertical

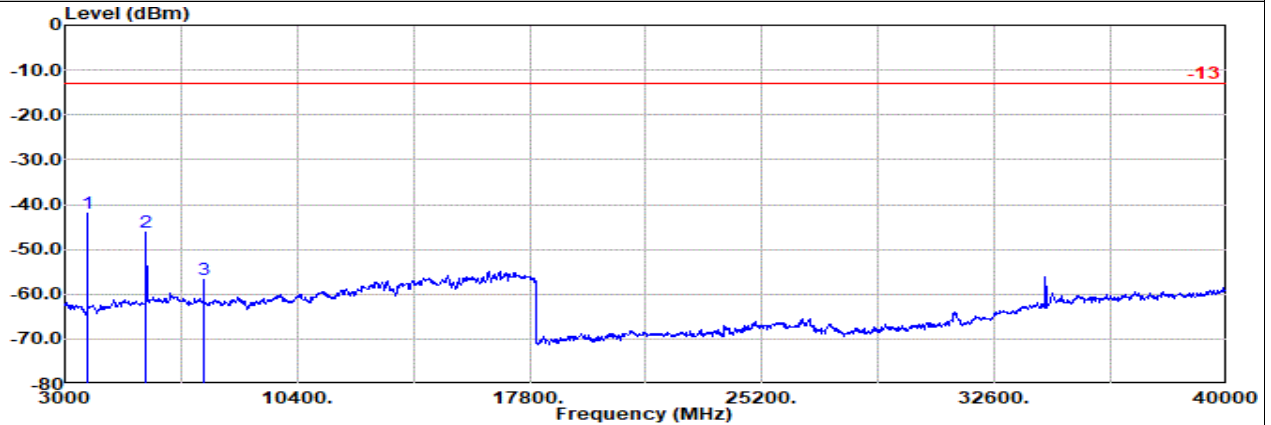


CatM1

Part 24E Mode 1

CatM1 B2 10M Ch18650 1RB0 16QAM

L

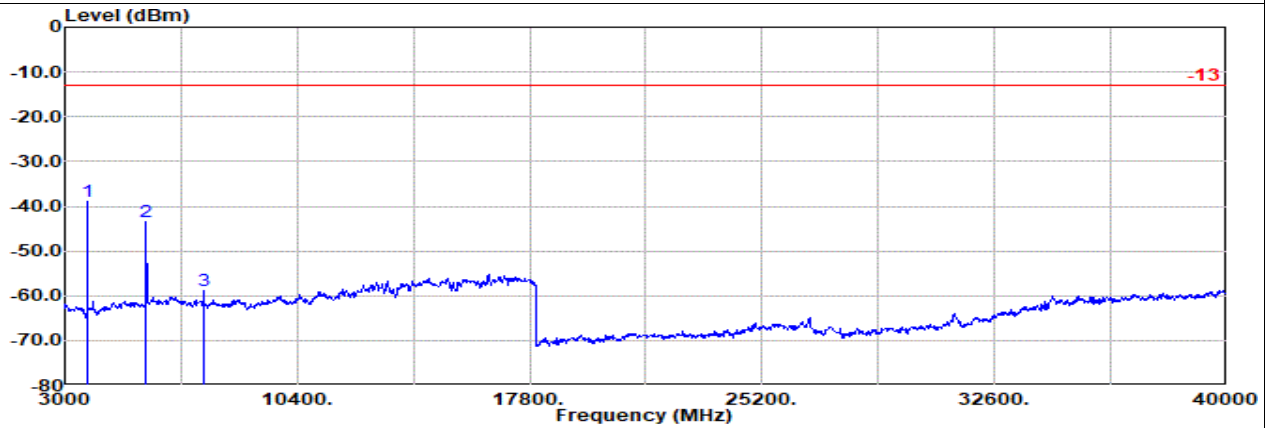


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : Cat M1 Band 2 10M CH18650 1RB0 16QAM

	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	3710.00	-41.84	RMS	33.12	-49.00	0.67	-95.23	68.60	-13.00	-28.84
2	5565.00	-46.06	RMS	34.70	-44.06	0.51	-95.23	58.02	-13.00	-33.06
3	7420.00	-56.61	RMS	35.66	-42.99	0.31	-95.23	45.64	-13.00	-43.61



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : Cat M1 Band 2 10M CH18650 1RB0 16QAM

	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	3710.00	-38.92	RMS	33.12	-49.00	0.67	-95.23	71.52	-13.00	-25.92
2	5565.00	-43.44	RMS	34.70	-44.06	0.51	-95.23	60.64	-13.00	-30.44
3	7420.00	-58.80	RMS	35.66	-42.99	0.31	-95.23	43.45	-13.00	-45.80

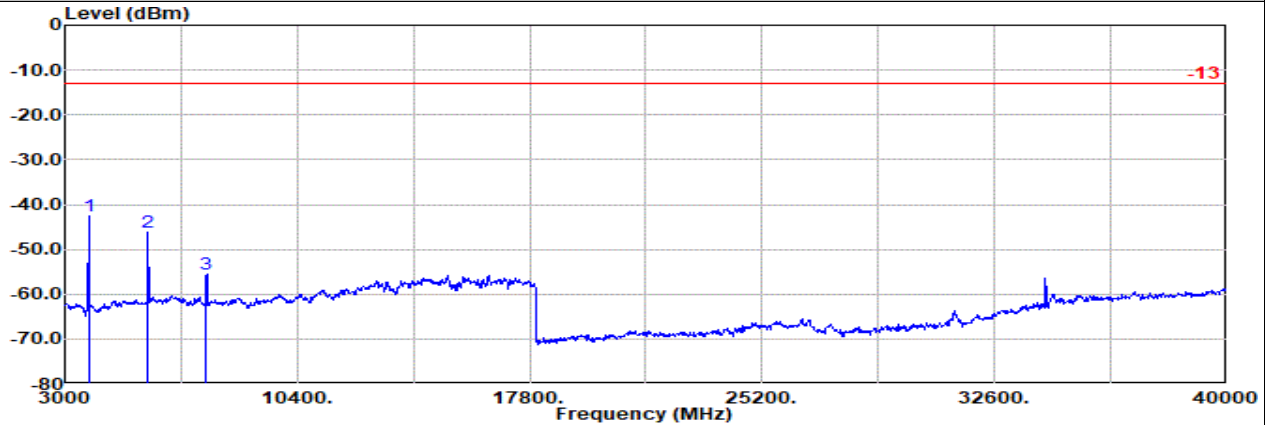


CatM1

Part 24E Mode 1

CatM1 B2 10M Ch18900 1RB0 16QAM

M

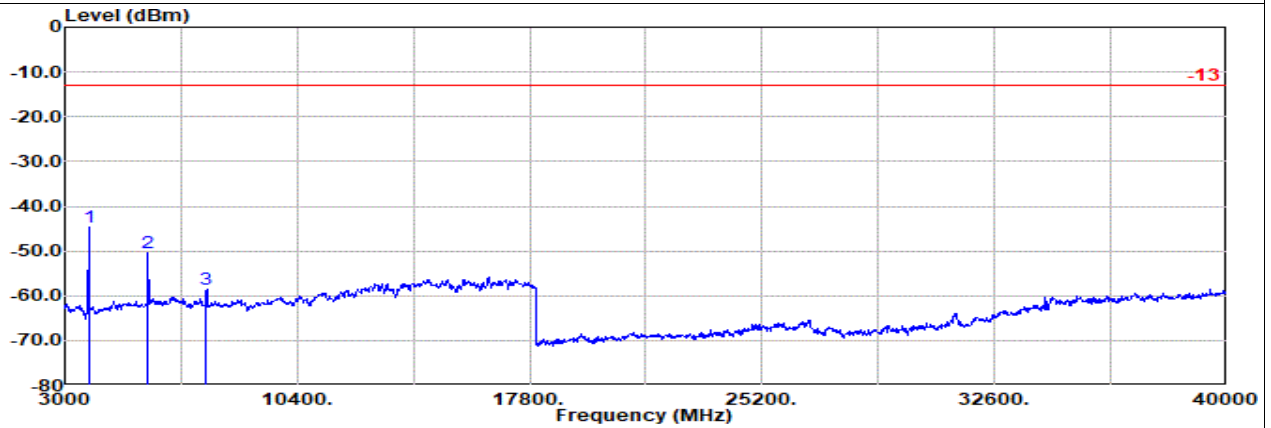


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : Cat M1 Band 2 10M CH18900 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3751.00	-42.63	RMS	33.20	-48.96	0.67	-95.23	67.69	-13.00	-29.63	Horizontal			
2	5627.00	-46.18	RMS	34.86	-43.90	0.49	-95.23	57.60	-13.00	-33.18	Horizontal			
3	7502.00	-55.58	RMS	35.51	-43.04	0.33	-95.23	46.85	-13.00	-42.58	Horizontal			



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : Cat M1 Band 2 10M CH18900 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3751.00	-44.77	RMS	33.20	-48.96	0.67	-95.23	65.55	-13.00	-31.77	Vertical			
2	5627.00	-50.44	RMS	34.86	-43.90	0.49	-95.23	53.34	-13.00	-37.44	Vertical			
3	7502.00	-58.70	RMS	35.51	-43.04	0.33	-95.23	43.73	-13.00	-45.70	Vertical			

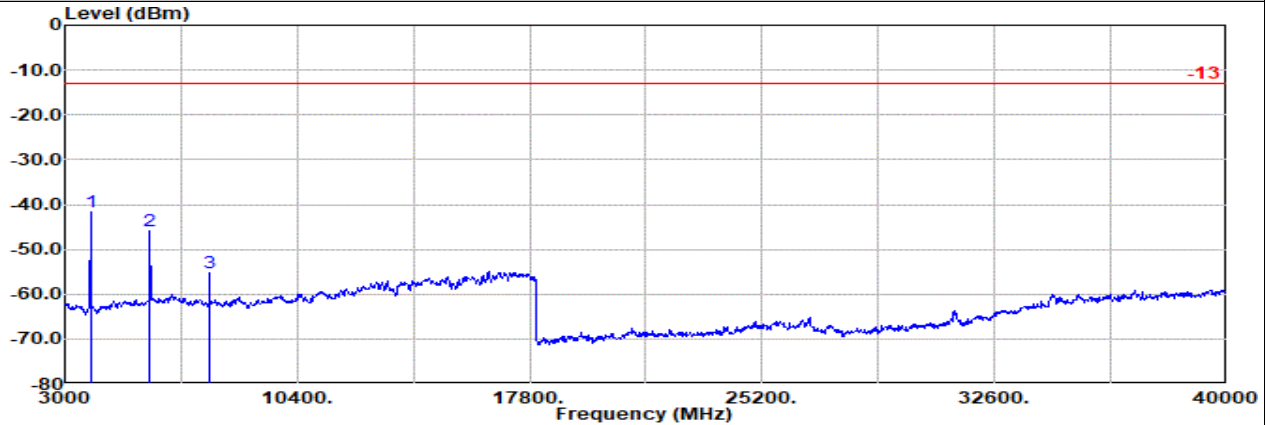


CatM1

Part 24E Mode 1

CatM1 B2 10M Ch19150 1RB0 16QAM

H

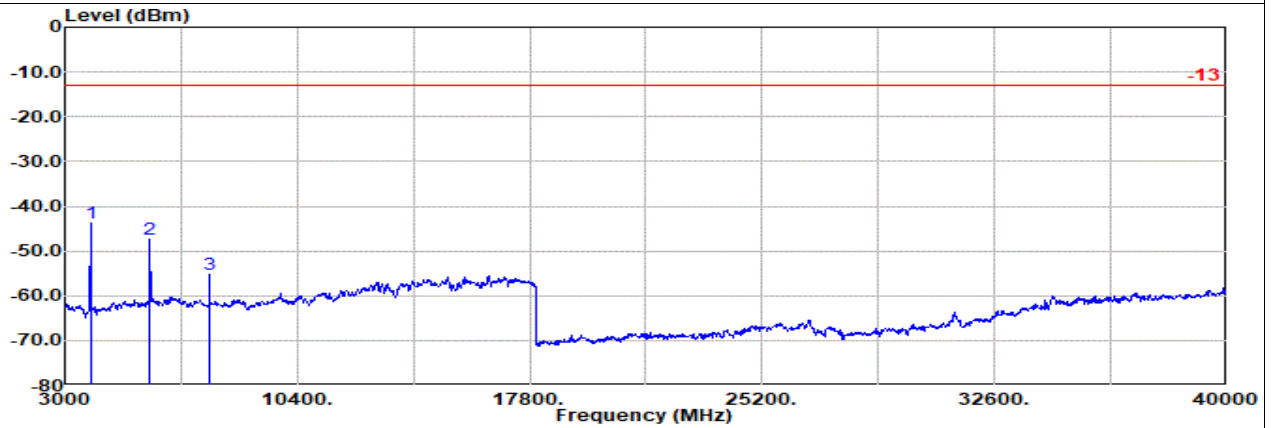


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : Cat M1 Band 2 10M CH19150 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3810.00	-41.59	RMS	33.42	-48.91	0.67	-95.23	68.46	-13.00	-28.59	Horizontal			
2	5715.00	-45.83	RMS	35.20	-43.64	0.37	-95.23	57.47	-13.00	-32.83	Horizontal			
3	7605.00	-55.38	RMS	35.90	-42.93	0.35	-95.23	46.53	-13.00	-42.38	Horizontal			



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : Cat M1 Band 2 10M CH19150 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3810.00	-43.91	RMS	33.42	-48.91	0.67	-95.23	66.14	-13.00	-30.91	Vertical			
2	5715.00	-47.34	RMS	35.20	-43.64	0.37	-95.23	55.96	-13.00	-34.34	Vertical			
3	7605.00	-55.24	RMS	35.90	-42.93	0.35	-95.23	46.67	-13.00	-42.24	Vertical			

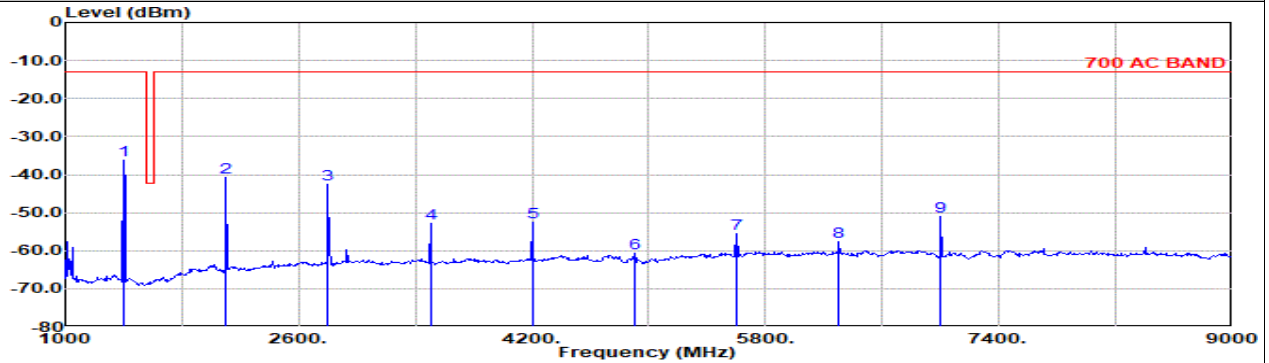


CatM1

Part 27H Mode 1

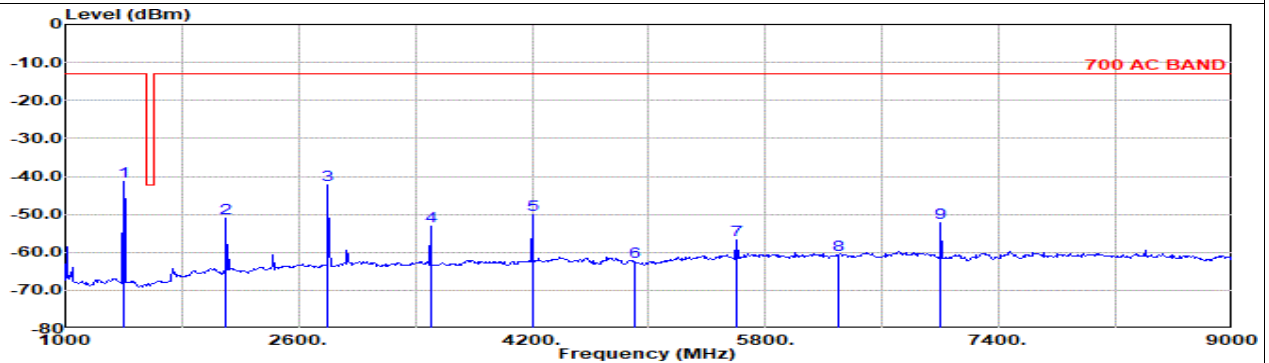
CatM1 B12 10M Ch23060 1RB0 16QAM

L



Site : 03CH07-HY
Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal
Mode : Cat M1 Band 12 10M CH23060 1RB0 16QAM

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF		Readin g	Limit dBm	Margin		Pol
				Factor	dB/m		dB	dB			dB	dB	
1	1400.00	-36.11	RMS		28.60	-52.80	0.42	-95.23	82.90	-13.00	-23.11		Horizontal
2	2104.00	-40.66	RMS		31.80	-51.08	0.23	-95.23	73.62	-13.00	-27.66		Horizontal
3	2800.00	-42.64	RMS		32.40	-49.67	0.26	-95.23	69.60	-13.00	-29.64		Horizontal
4	3504.00	-52.88	RMS		32.78	-49.13	0.22	-95.23	58.48	-13.00	-39.88		Horizontal
5	4200.00	-52.63	RMS		33.60	-48.52	0.41	-95.23	57.11	-13.00	-39.63		Horizontal
6	4904.00	-60.69	RMS		34.31	-46.89	0.18	-95.23	46.94	-13.00	-47.69		Horizontal
7	5600.00	-55.68	RMS		34.70	-43.98	0.41	-95.23	48.42	-13.00	-42.68		Horizontal
8	6304.00	-57.63	RMS		35.42	-42.40	0.21	-95.23	44.37	-13.00	-44.63		Horizontal
9	7000.00	-50.99	RMS		35.70	-43.00	0.30	-95.23	51.24	-13.00	-37.99		Horizontal



Site : 03CH07-HY
Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical
Mode : Cat M1 Band 12 10M CH23060 1RB0 16QAM

	Freq MHz	Level dBm	Detector	Ant Amp\Cb		Filter 1	EIRPCF		Readin g	Limit dBm	Margin		Pol
				Factor	dB/m		dB	dB			dB	dB	
1	1400.00	-41.31	RMS		28.60	-52.80	0.42	-95.23	77.70	-13.00	-28.31		Vertical
2	2104.00	-51.00	RMS		31.80	-51.08	0.23	-95.23	63.28	-13.00	-38.00		Vertical
3	2800.00	-42.15	RMS		32.40	-49.67	0.26	-95.23	70.09	-13.00	-29.15		Vertical
4	3504.00	-53.23	RMS		32.78	-49.13	0.22	-95.23	58.13	-13.00	-40.23		Vertical
5	4200.00	-50.24	RMS		33.60	-48.52	0.41	-95.23	59.50	-13.00	-37.24		Vertical
6	4904.00	-62.37	RMS		34.31	-46.89	0.18	-95.23	45.26	-13.00	-49.37		Vertical
7	5600.00	-56.88	RMS		34.70	-43.98	0.41	-95.23	47.22	-13.00	-43.88		Vertical
8	6304.00	-60.71	RMS		35.42	-42.40	0.21	-95.23	41.29	-13.00	-47.71		Vertical
9	7000.00	-52.15	RMS		35.70	-43.00	0.30	-95.23	50.08	-13.00	-39.15		Vertical

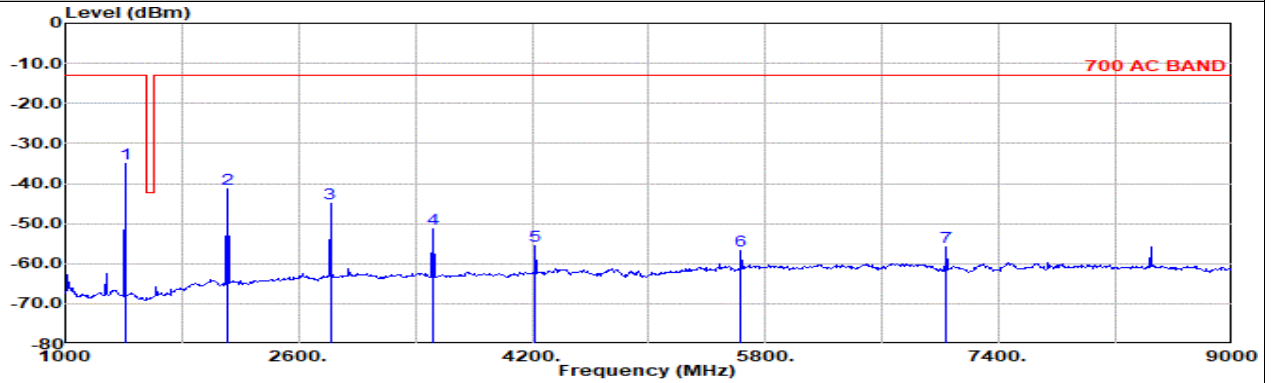


CatM1

Part 27H Mode 1

CatM1 B12 10M Ch23095 1RB0 16QAM

M

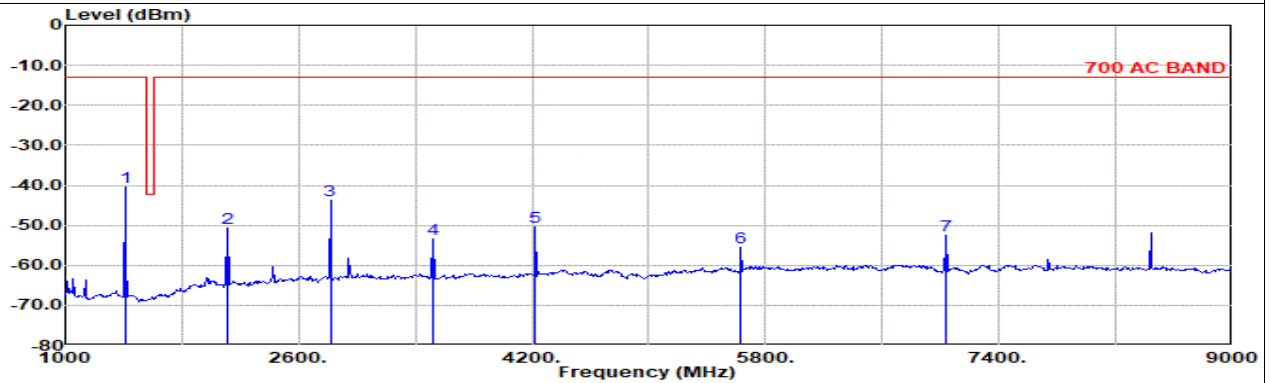


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 12 10M CH23095 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			1			g			
1	1408.00	-35.06	RMS	28.52	-52.77	0.42	-95.23	84.00	-13.00	-22.06	Horizontal
2	2112.00	-41.33	RMS	31.82	-51.07	0.23	-95.23	72.92	-13.00	-28.33	Horizontal
3	2816.00	-44.97	RMS	32.40	-49.65	0.26	-95.23	67.25	-13.00	-31.97	Horizontal
4	3520.00	-51.36	RMS	32.72	-49.13	0.23	-95.23	60.05	-13.00	-38.36	Horizontal
5	4224.00	-55.62	RMS	33.65	-48.46	0.39	-95.23	54.03	-13.00	-42.62	Horizontal
6	5632.00	-56.85	RMS	34.89	-43.88	0.41	-95.23	46.96	-13.00	-43.85	Horizontal
7	7040.00	-55.80	RMS	35.62	-43.00	0.32	-95.23	46.49	-13.00	-42.80	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 12 10M CH23095 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			1			g			
1	1408.00	-40.34	RMS	28.52	-52.77	0.42	-95.23	78.72	-13.00	-27.34	Vertical
2	2112.00	-50.57	RMS	31.82	-51.07	0.23	-95.23	63.68	-13.00	-37.57	Vertical
3	2816.00	-43.87	RMS	32.40	-49.65	0.26	-95.23	68.35	-13.00	-30.87	Vertical
4	3520.00	-53.50	RMS	32.72	-49.13	0.23	-95.23	57.91	-13.00	-40.50	Vertical
5	4224.00	-50.52	RMS	33.65	-48.46	0.39	-95.23	59.13	-13.00	-37.52	Vertical
6	5632.00	-55.68	RMS	34.89	-43.88	0.41	-95.23	48.13	-13.00	-42.68	Vertical
7	7040.00	-52.39	RMS	35.62	-43.00	0.32	-95.23	49.90	-13.00	-39.39	Vertical

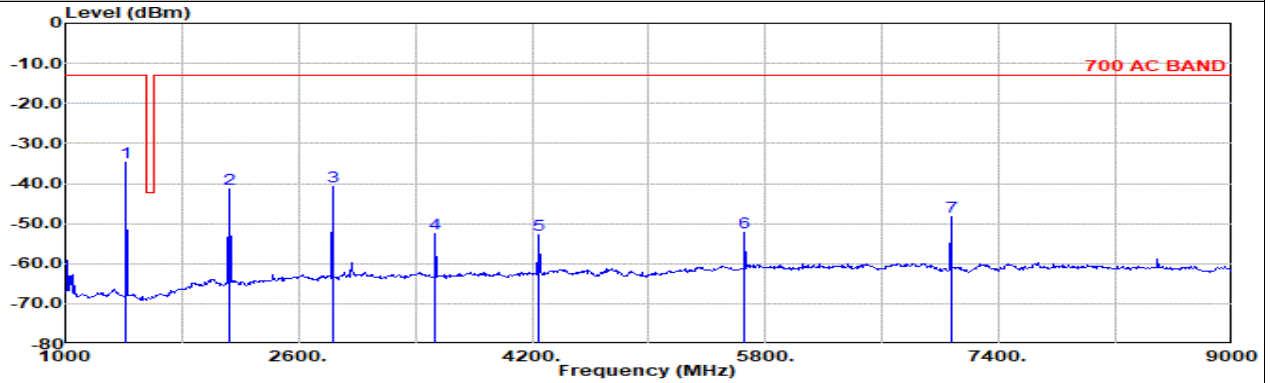


CatM1

Part 27H Mode 1

CatM1 B12 10M Ch23130 1RB0 16QAM

H

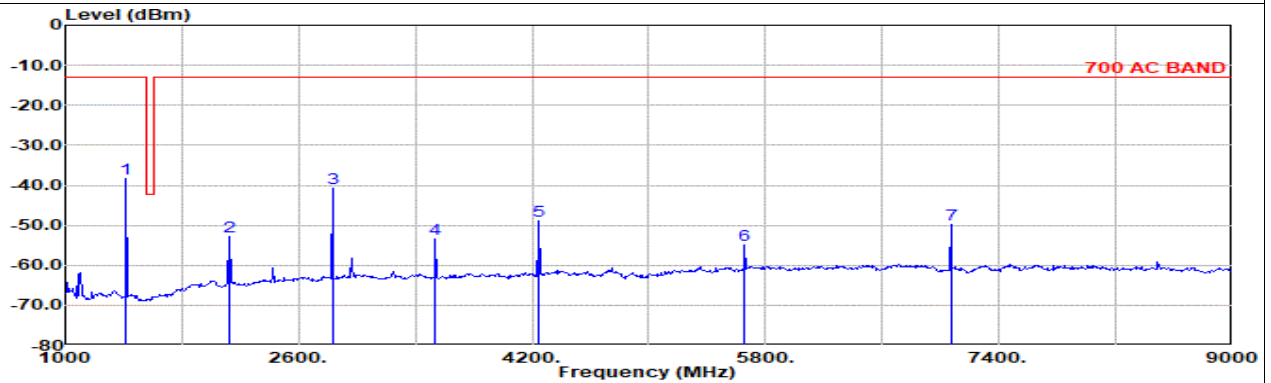


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 12 10M CH23130 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1416.00	-34.65	RMS	28.50	-52.75	0.41	-95.23	84.42	-13.00	-21.65	Horizontal
2	2128.00	-41.23	RMS	31.98	-51.04	0.22	-95.23	72.84	-13.00	-28.23	Horizontal
3	2832.00	-40.76	RMS	32.40	-49.63	0.26	-95.23	71.44	-13.00	-27.76	Horizontal
4	3536.00	-52.66	RMS	32.66	-49.12	0.25	-95.23	58.78	-13.00	-39.66	Horizontal
5	4248.00	-52.96	RMS	33.70	-48.41	0.37	-95.23	56.61	-13.00	-39.96	Horizontal
6	5656.00	-52.10	RMS	35.02	-43.81	0.40	-95.23	51.52	-13.00	-39.10	Horizontal
7	7072.00	-48.16	RMS	35.60	-43.01	0.34	-95.23	54.14	-13.00	-35.16	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 12 10M CH23130 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1416.00	-38.32	RMS	28.50	-52.75	0.41	-95.23	80.75	-13.00	-25.32	Vertical
2	2120.00	-52.83	RMS	31.90	-51.05	0.22	-95.23	61.33	-13.00	-39.83	Vertical
3	2832.00	-40.89	RMS	32.40	-49.63	0.26	-95.23	71.31	-13.00	-27.89	Vertical
4	3536.00	-53.48	RMS	32.66	-49.12	0.25	-95.23	57.96	-13.00	-40.48	Vertical
5	4248.00	-48.93	RMS	33.70	-48.41	0.37	-95.23	60.64	-13.00	-35.93	Vertical
6	5656.00	-55.01	RMS	35.02	-43.81	0.40	-95.23	48.61	-13.00	-42.01	Vertical
7	7072.00	-49.89	RMS	35.60	-43.01	0.34	-95.23	52.41	-13.00	-36.89	Vertical

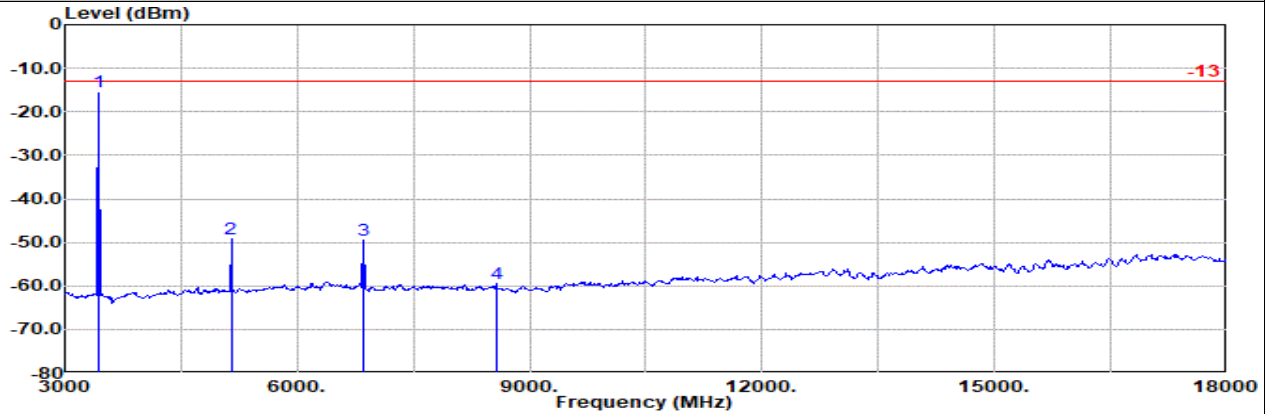


CatM1

Part 27L Mode 1

CatM1 B4 10M Ch20000 1RB0 16QAM

L

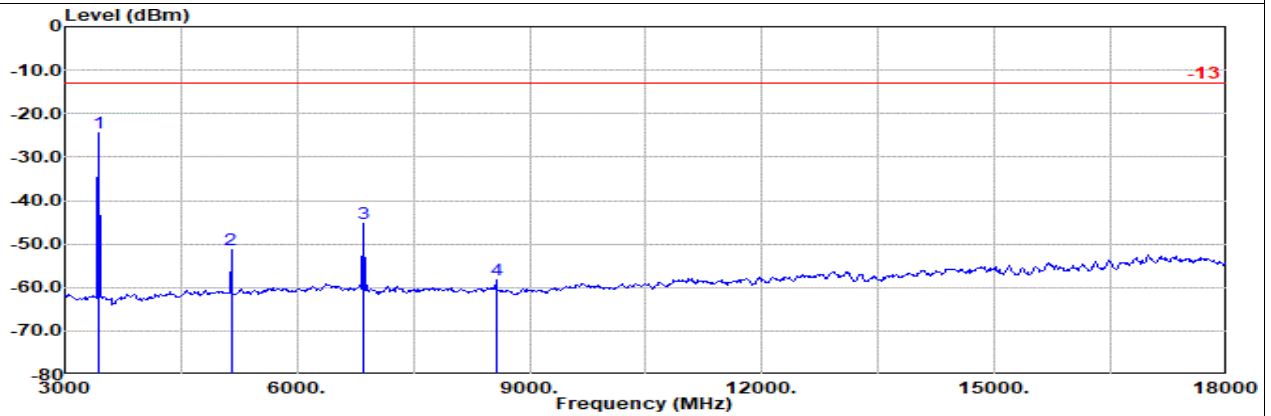


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 4 10M CH20000 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	3435.00	-15.46	RMS	33.10	-49.13	0.79	-95.23	95.01	-13.00	-2.46	Horizontal
2	5145.00	-49.13	RMS	34.27	-45.86	0.43	-95.23	57.26	-13.00	-36.13	Horizontal
3	6855.00	-49.39	RMS	35.70	-42.77	0.60	-95.23	52.31	-13.00	-36.39	Horizontal
4	8565.00	-59.41	RMS	35.90	-42.05	0.74	-95.23	41.23	-13.00	-46.41	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 4 10M CH20000 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	3435.00	-24.42	RMS	33.10	-49.13	0.79	-95.23	86.05	-13.00	-11.42	Vertical
2	5145.00	-51.46	RMS	34.27	-45.86	0.43	-95.23	54.93	-13.00	-38.46	Vertical
3	6855.00	-45.37	RMS	35.70	-42.77	0.60	-95.23	56.33	-13.00	-32.37	Vertical
4	8565.00	-58.26	RMS	35.90	-42.05	0.74	-95.23	42.38	-13.00	-45.26	Vertical

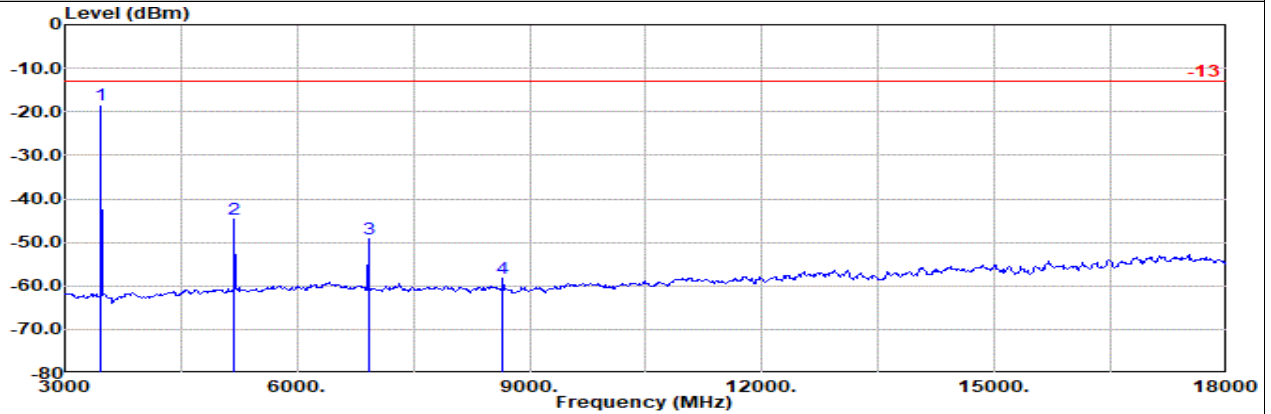


CatM1

Part 27L Mode 1

CatM1 B4 10M Ch20175 1RB0 16QAM

M

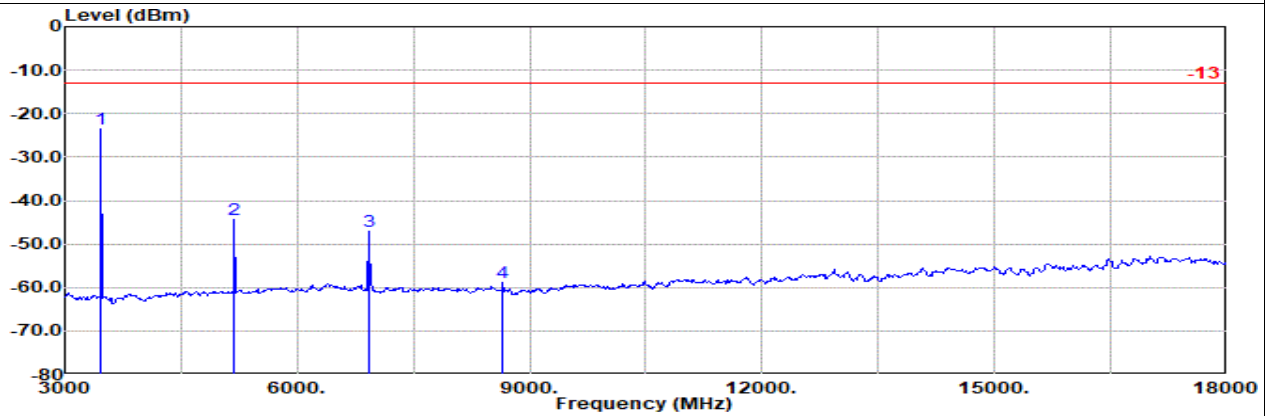


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 4 10M CH20175 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3465.00	-18.53	RMS	33.01	-49.13	0.76	-95.23	92.06	-13.00	-5.53	Horizontal
2	5190.00	-44.64	RMS	34.46	-45.62	0.33	-95.23	61.42	-13.00	-31.64	Horizontal
3	6915.00	-49.19	RMS	35.73	-42.86	0.41	-95.23	52.76	-13.00	-36.19	Horizontal
4	8655.00	-58.22	RMS	35.80	-42.15	0.60	-95.23	42.76	-13.00	-45.22	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 4 10M CH20175 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3465.00	-23.40	RMS	33.01	-49.13	0.76	-95.23	87.19	-13.00	-10.40	Vertical
2	5190.00	-44.48	RMS	34.46	-45.62	0.33	-95.23	61.58	-13.00	-31.48	Vertical
3	6915.00	-47.23	RMS	35.73	-42.86	0.41	-95.23	54.72	-13.00	-34.23	Vertical
4	8655.00	-58.96	RMS	35.80	-42.15	0.60	-95.23	42.02	-13.00	-45.96	Vertical

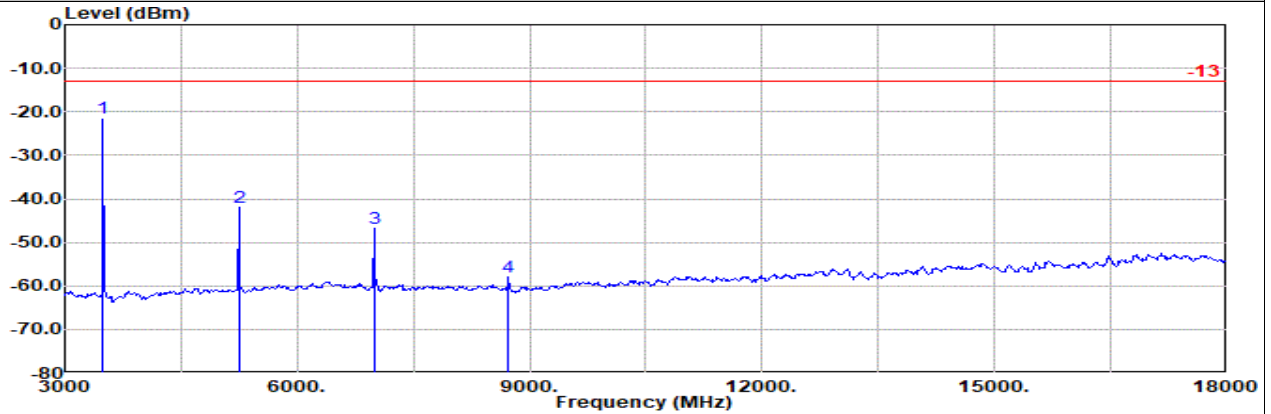


CatM1

Part 27L Mode 1

CatM1 B4 10M Ch20350 1RB0 16QAM

H

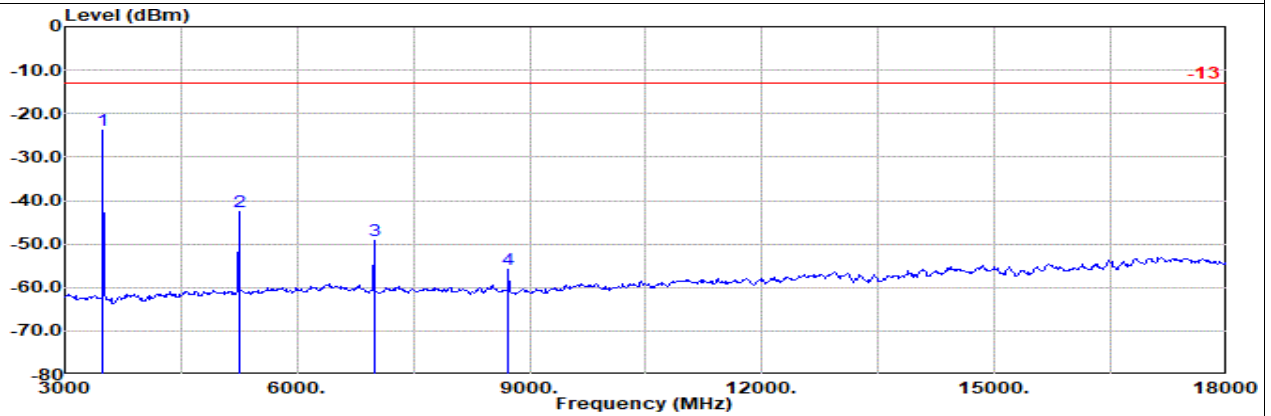


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 4 10M CH20350 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3495.00	-21.36	RMS	32.83	-49.13	0.74	-95.23	89.43	-13.00	-8.36	Horizontal
2	5250.00	-41.93	RMS	34.70	-45.35	0.34	-95.23	63.61	-13.00	-28.93	Horizontal
3	6990.00	-46.92	RMS	35.72	-42.98	0.17	-95.23	55.40	-13.00	-33.92	Horizontal
4	8730.00	-58.09	RMS	35.86	-42.26	0.41	-95.23	43.13	-13.00	-45.09	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 4 10M CH20350 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm									
1	3495.00	-23.77	RMS	32.83	-49.13	0.74	-95.23	87.02	-13.00	-10.77	Vertical
2	5250.00	-42.43	RMS	34.70	-45.35	0.34	-95.23	63.11	-13.00	-29.43	Vertical
3	6990.00	-49.28	RMS	35.72	-42.98	0.17	-95.23	53.04	-13.00	-36.28	Vertical
4	8730.00	-55.73	RMS	35.86	-42.26	0.41	-95.23	45.49	-13.00	-42.73	Vertical

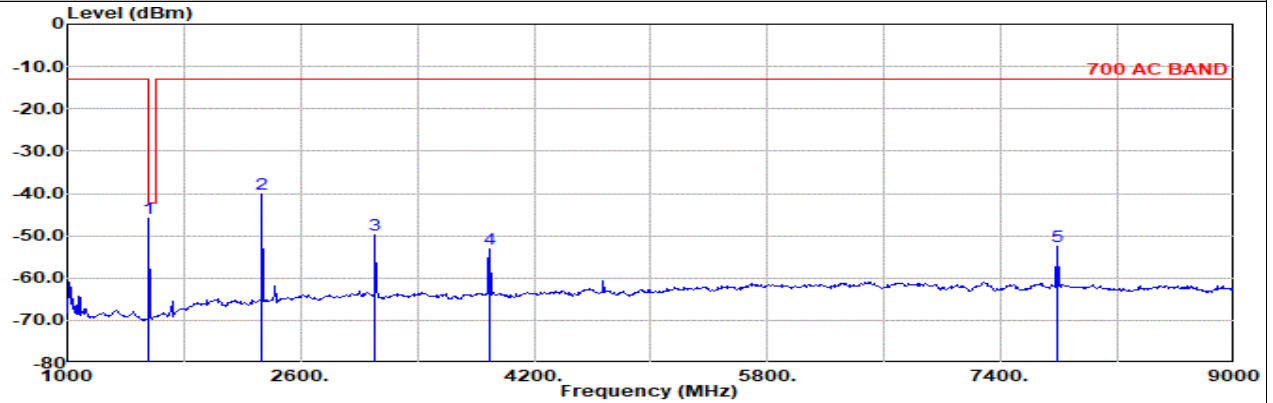


CatM1

Part 27F Mode 1

CatM1 B13 10M Ch23230 1RB0 16QAM

M

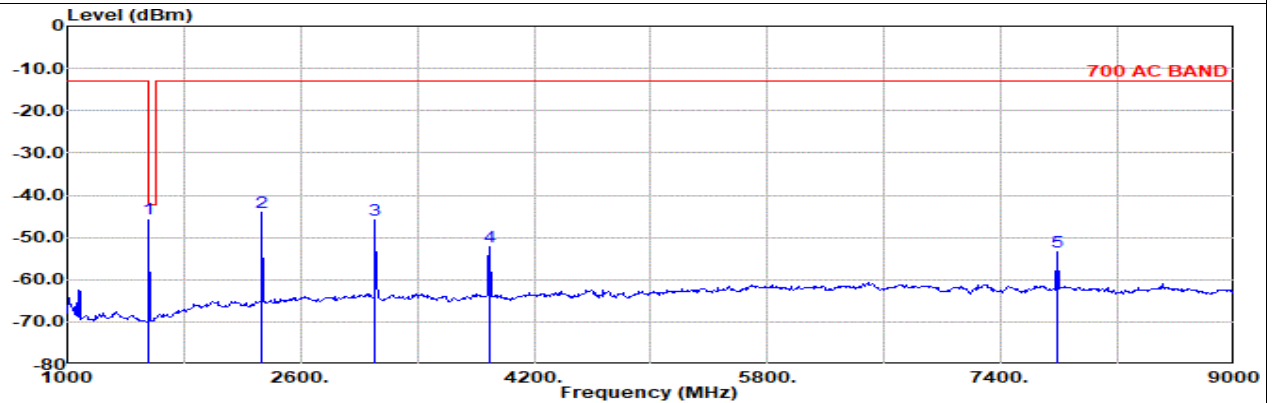


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 10M CH23230 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1560.00	-45.88	RMS	27.70	-52.34	0.33	-95.23	73.66	-42.15	-3.73	Horizontal
2	2336.00	-40.15	RMS	32.10	-50.65	0.33	-95.23	73.30	-13.00	-27.15	Horizontal
3	3112.00	-49.81	RMS	32.65	-49.33	0.18	-95.23	61.92	-13.00	-36.81	Horizontal
4	3896.00	-53.14	RMS	33.41	-48.87	0.50	-95.23	57.05	-13.00	-40.14	Horizontal
5	7784.00	-52.39	RMS	35.93	-42.64	0.39	-95.23	49.16	-13.00	-39.39	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 10M CH23230 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1560.00	-45.58	RMS	27.70	-52.34	0.33	-95.23	73.96	-42.15	-3.43	Vertical
2	2336.00	-44.02	RMS	32.10	-50.65	0.33	-95.23	69.43	-13.00	-31.02	Vertical
3	3112.00	-45.87	RMS	32.65	-49.33	0.18	-95.23	65.86	-13.00	-32.87	Vertical
4	3896.00	-52.31	RMS	33.41	-48.87	0.50	-95.23	57.88	-13.00	-39.31	Vertical
5	7784.00	-53.58	RMS	35.93	-42.64	0.39	-95.23	47.97	-13.00	-40.58	Vertical

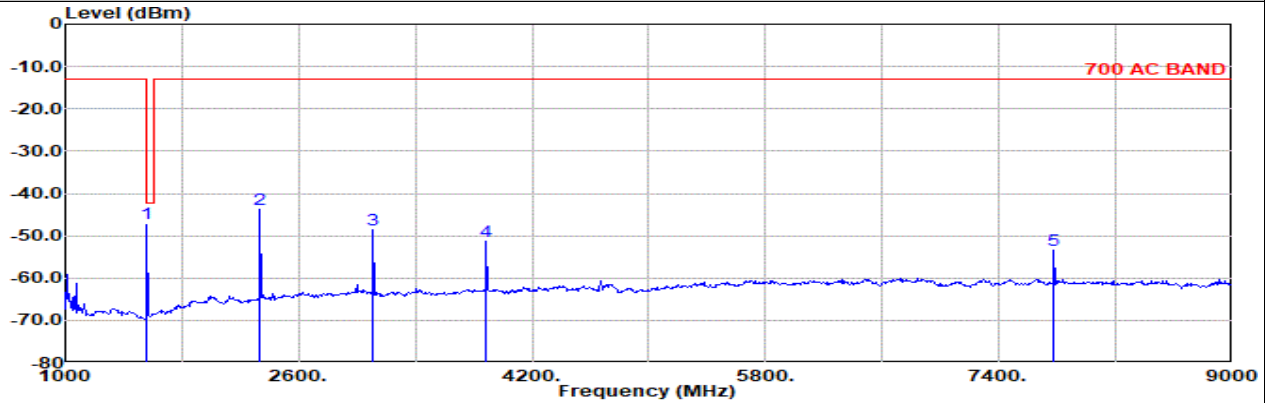


CatM1

Part 27F Mode 2

CatM1 B13 5M Ch23205 1RB0 16QAM

L

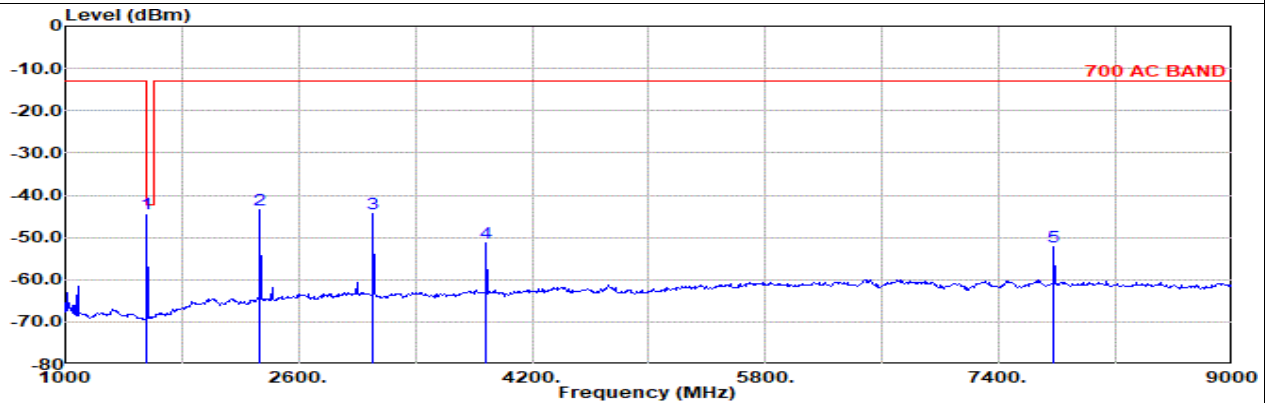


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 5M CH23205 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1560.00	-47.18	RMS	27.70	-52.34	0.33	-95.23	72.36	-42.15	-5.03	Horizontal
2	2336.00	-43.88	RMS	32.10	-50.65	0.33	-95.23	69.57	-13.00	-30.88	Horizontal
3	3112.00	-48.56	RMS	32.65	-49.33	0.18	-95.23	63.17	-13.00	-35.56	Horizontal
4	3888.00	-51.41	RMS	33.42	-48.87	0.50	-95.23	58.77	-13.00	-38.41	Horizontal
5	7776.00	-53.55	RMS	35.95	-42.66	0.39	-95.23	48.00	-13.00	-40.55	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 5M CH23205 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1560.00	-44.36	RMS	27.70	-52.34	0.33	-95.23	75.18	-42.15	-2.21	Vertical
2	2336.00	-43.37	RMS	32.10	-50.65	0.33	-95.23	70.08	-13.00	-30.37	Vertical
3	3112.00	-44.33	RMS	32.65	-49.33	0.18	-95.23	67.40	-13.00	-31.33	Vertical
4	3888.00	-51.40	RMS	33.42	-48.87	0.50	-95.23	58.78	-13.00	-38.40	Vertical
5	7776.00	-52.22	RMS	35.95	-42.66	0.39	-95.23	49.33	-13.00	-39.22	Vertical

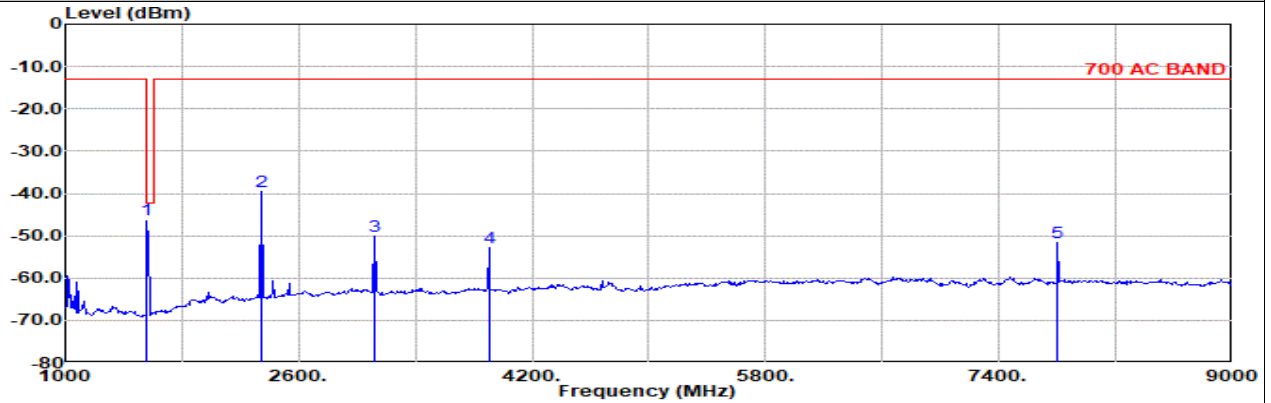


CatM1

Part 27F Mode 2

CatM1 B13 5M Ch23230 1RB0 16QAM

M

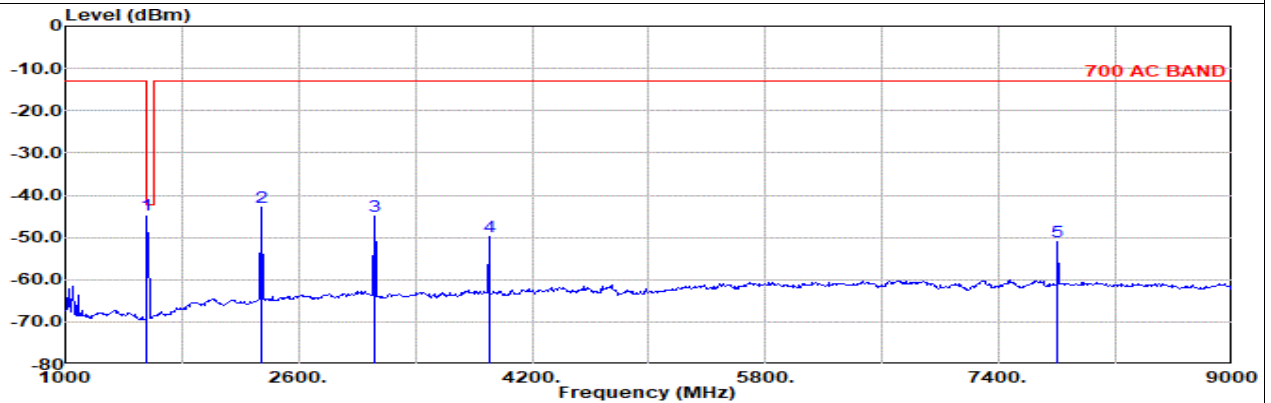


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 5M CH23230 1RB0 16QAM

	Freq		Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB/m		dB	dB	dBuV	dBm	dB	
1	1560.00	-46.25	RMS	27.70	-52.34	0.33	-95.23	-95.23	73.29	-42.15	-4.10	Horizontal
2	2344.00	-39.46	RMS	32.10	-50.64	0.33	-95.23	-95.23	73.98	-13.00	-26.46	Horizontal
3	3120.00	-50.26	RMS	32.62	-49.33	0.18	-95.23	-95.23	61.50	-13.00	-37.26	Horizontal
4	3904.00	-52.70	RMS	33.39	-48.87	0.50	-95.23	-95.23	57.51	-13.00	-39.70	Horizontal
5	7800.00	-51.74	RMS	35.90	-42.62	0.38	-95.23	-95.23	49.83	-13.00	-38.74	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 5M CH23230 1RB0 16QAM

	Freq		Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
	MHz	dBm		Factor	dB/m		dB	dB	dBuV	dBm	dB	
1	1560.00	-44.64	RMS	27.70	-52.34	0.33	-95.23	-95.23	74.90	-42.15	-2.49	Vertical
2	2344.00	-42.86	RMS	32.10	-50.64	0.33	-95.23	-95.23	70.58	-13.00	-29.86	Vertical
3	3120.00	-44.96	RMS	32.62	-49.33	0.18	-95.23	-95.23	66.80	-13.00	-31.96	Vertical
4	3904.00	-49.67	RMS	33.39	-48.87	0.50	-95.23	-95.23	60.54	-13.00	-36.67	Vertical
5	7800.00	-50.90	RMS	35.90	-42.62	0.38	-95.23	-95.23	50.67	-13.00	-37.90	Vertical

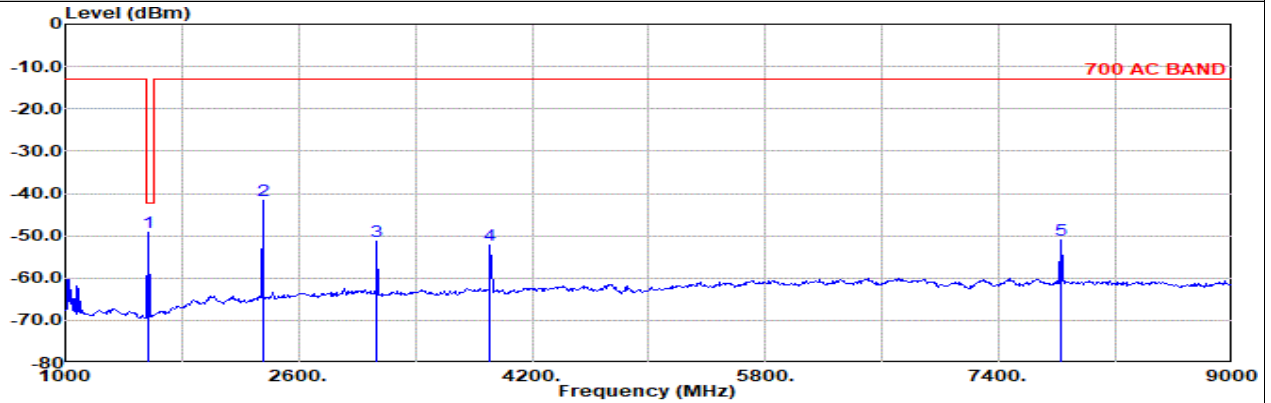


CatM1

Part 27F Mode 2

CatM1 B13 5M Ch23255 1RB0 16QAM

H

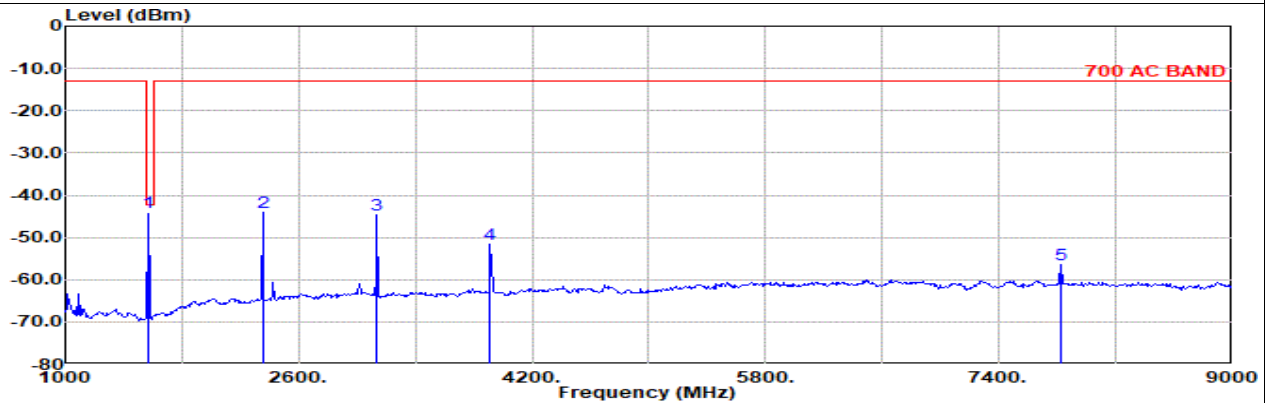


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 5M CH23255 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1	dB				
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1568.00	-49.25	RMS		27.70	-52.32	0.33	-95.23	70.27	-42.15	-7.10	Horizontal
2	2352.00	-41.58	RMS		32.08	-50.62	0.34	-95.23	71.85	-13.00	-28.58	Horizontal
3	3136.00	-51.26	RMS		32.56	-49.32	0.17	-95.23	60.56	-13.00	-38.26	Horizontal
4	3912.00	-52.21	RMS		33.38	-48.87	0.50	-95.23	58.01	-13.00	-39.21	Horizontal
5	7824.00	-51.08	RMS		35.85	-42.58	0.37	-95.23	50.51	-13.00	-38.08	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 5M CH23255 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF		Readin	Limit	Margin	Pol
				Factor	Amp\Cb		1	dB				
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1568.00	-43.98	RMS		27.70	-52.32	0.33	-95.23	75.54	-42.15	-1.83	Vertical
2	2352.00	-44.08	RMS		32.08	-50.62	0.34	-95.23	69.35	-13.00	-31.08	Vertical
3	3136.00	-44.68	RMS		32.56	-49.32	0.17	-95.23	67.14	-13.00	-31.68	Vertical
4	3912.00	-51.69	RMS		33.38	-48.87	0.50	-95.23	58.53	-13.00	-38.69	Vertical
5	7824.00	-56.57	RMS		35.85	-42.58	0.37	-95.23	45.02	-13.00	-43.57	Vertical

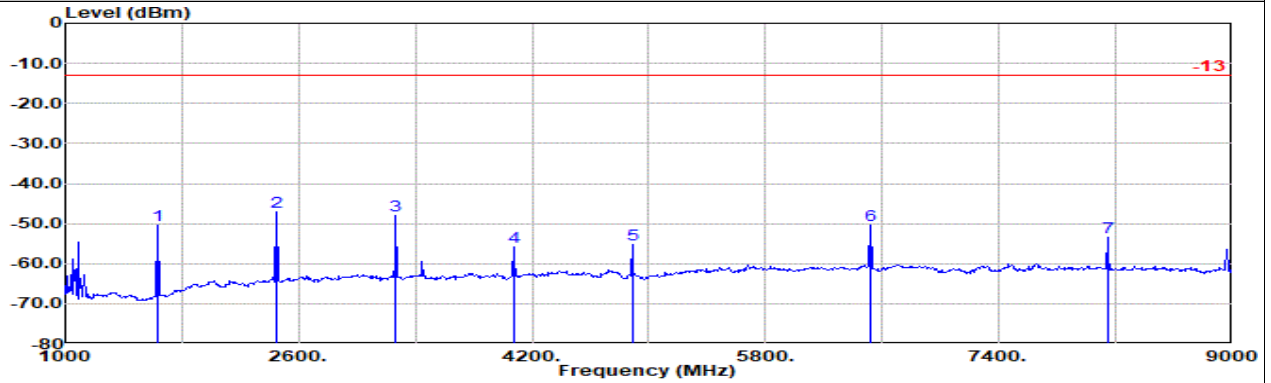


CatM1

Part 90S Mode 1

CatM1 B26 5M Ch26715 1RB0 16QAM

L

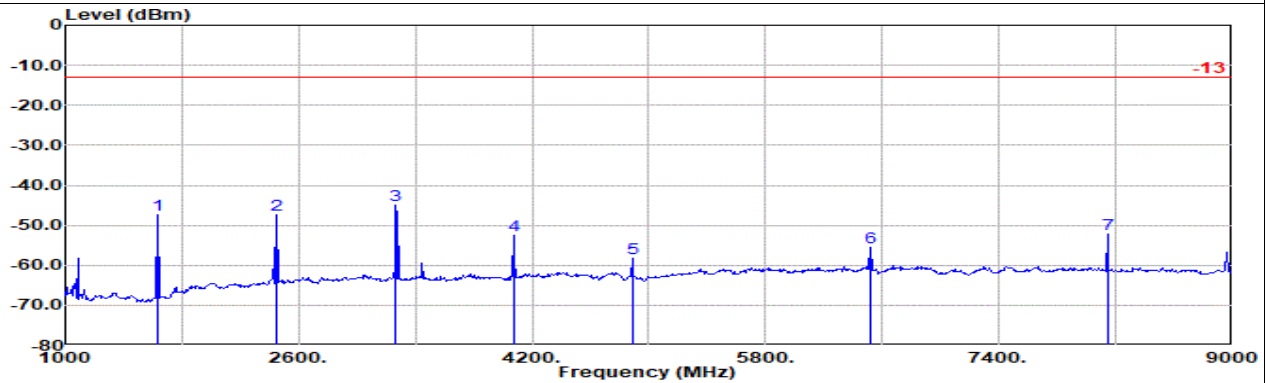


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 5M CH26715 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1628.00	-50.38	RMS	28.46	-52.17	0.31	-95.23	68.25	-13.00	-37.38	Horizontal
2	2448.00	-47.11	RMS	31.98	-50.45	0.33	-95.23	66.26	-13.00	-34.11	Horizontal
3	3264.00	-48.09	RMS	32.73	-49.24	0.14	-95.23	63.51	-13.00	-35.09	Horizontal
4	4072.00	-55.91	RMS	33.29	-48.72	0.47	-95.23	54.28	-13.00	-42.91	Horizontal
5	4888.00	-55.15	RMS	34.28	-46.93	0.18	-95.23	52.55	-13.00	-42.15	Horizontal
6	6520.00	-50.55	RMS	35.54	-42.17	0.32	-95.23	50.99	-13.00	-37.55	Horizontal
7	8144.00	-53.48	RMS	36.00	-42.24	0.24	-95.23	47.75	-13.00	-40.48	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 5M CH26715 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1628.00	-47.53	RMS	28.46	-52.17	0.31	-95.23	71.10	-13.00	-34.53	Vertical
2	2448.00	-47.49	RMS	31.98	-50.45	0.33	-95.23	65.88	-13.00	-34.49	Vertical
3	3264.00	-44.84	RMS	32.73	-49.24	0.14	-95.23	66.76	-13.00	-31.84	Vertical
4	4072.00	-52.49	RMS	33.29	-48.72	0.47	-95.23	57.70	-13.00	-39.49	Vertical
5	4888.00	-58.31	RMS	34.28	-46.93	0.18	-95.23	49.39	-13.00	-45.31	Vertical
6	6520.00	-55.65	RMS	35.54	-42.17	0.32	-95.23	45.89	-13.00	-42.65	Vertical
7	8144.00	-52.16	RMS	36.00	-42.24	0.24	-95.23	49.07	-13.00	-39.16	Vertical

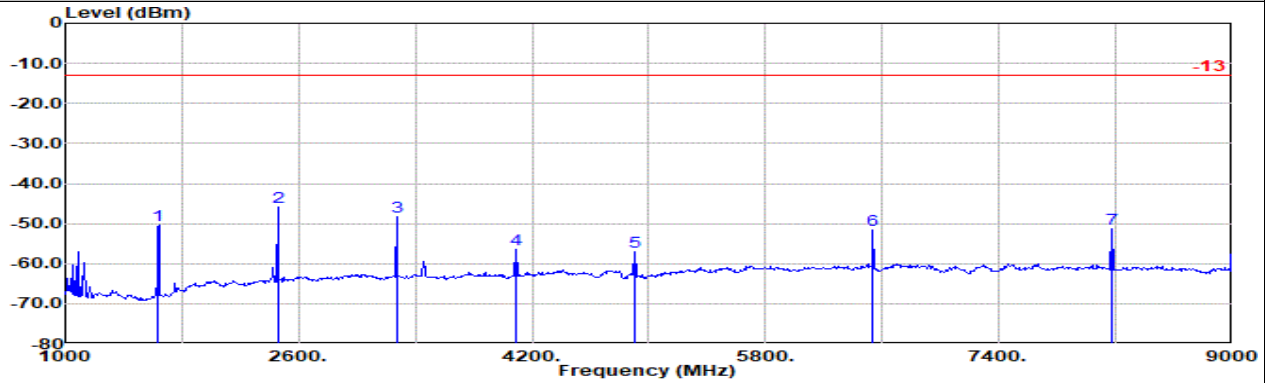


CatM1

Part 90S Mode 1

CatM1 B26 5M Ch26740 1RB0 16QAM

M

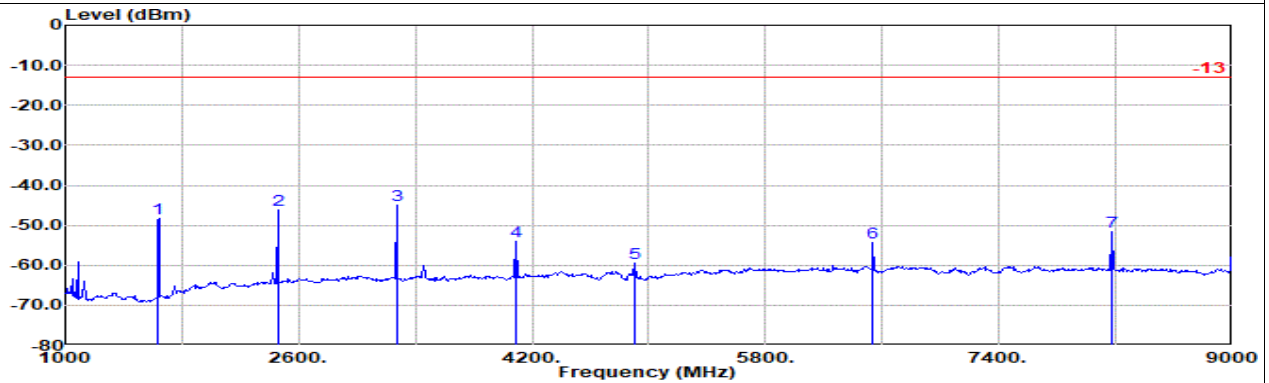


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 5M CH26740 1RB0 16QAM

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB		dBm	dB	
1	1633.00	-50.43	RMS	28.53	-52.16	0.31	-95.23	68.12	-13.00	-37.43	Horizontal			
2	2456.00	-45.93	RMS	32.06	-50.44	0.32	-95.23	67.36	-13.00	-32.93	Horizontal			
3	3272.00	-48.39	RMS	32.74	-49.23	0.14	-95.23	63.19	-13.00	-35.39	Horizontal			
4	4088.00	-56.42	RMS	33.35	-48.69	0.47	-95.23	53.68	-13.00	-43.42	Horizontal			
5	4904.00	-56.93	RMS	34.31	-46.89	0.18	-95.23	50.70	-13.00	-43.93	Horizontal			
6	6536.00	-51.60	RMS	35.57	-42.19	0.33	-95.23	49.92	-13.00	-38.60	Horizontal			
7	8176.00	-51.42	RMS	35.95	-42.23	0.22	-95.23	49.87	-13.00	-38.42	Horizontal			



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 5M CH26740 1RB0 16QAM

	Freq Level		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB		dBm	dB	
1	1633.00	-48.35	RMS	28.53	-52.16	0.31	-95.23	70.20	-13.00	-35.35	Vertical			
2	2456.00	-46.23	RMS	32.06	-50.44	0.32	-95.23	67.06	-13.00	-33.23	Vertical			
3	3272.00	-44.94	RMS	32.74	-49.23	0.14	-95.23	66.64	-13.00	-31.94	Vertical			
4	4088.00	-53.91	RMS	33.35	-48.69	0.47	-95.23	56.19	-13.00	-40.91	Vertical			
5	4904.00	-59.41	RMS	34.31	-46.89	0.18	-95.23	48.22	-13.00	-46.41	Vertical			
6	6536.00	-54.43	RMS	35.57	-42.19	0.33	-95.23	47.09	-13.00	-41.43	Vertical			
7	8176.00	-51.51	RMS	35.95	-42.23	0.22	-95.23	49.78	-13.00	-38.51	Vertical			

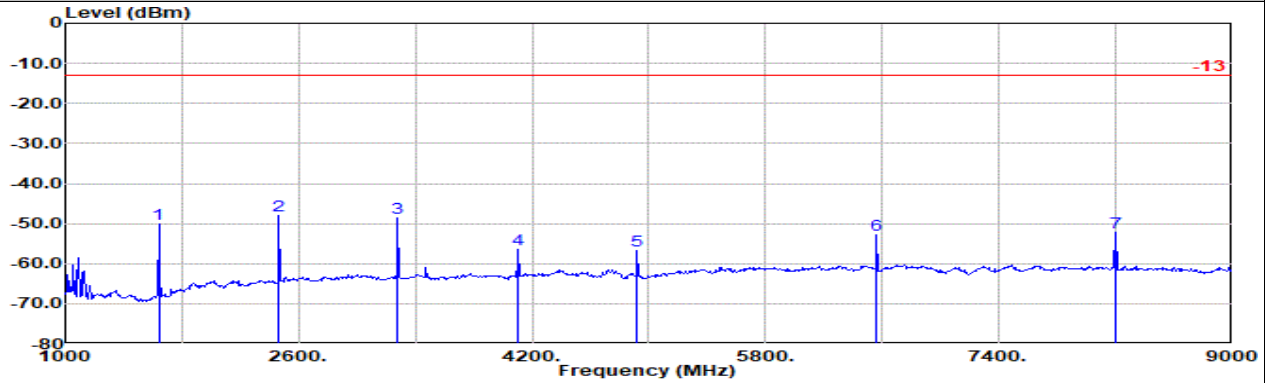


CatM1

Part 90S Mode 1

CatM1 B26 5M Ch26765 1RB0 16QAM

H

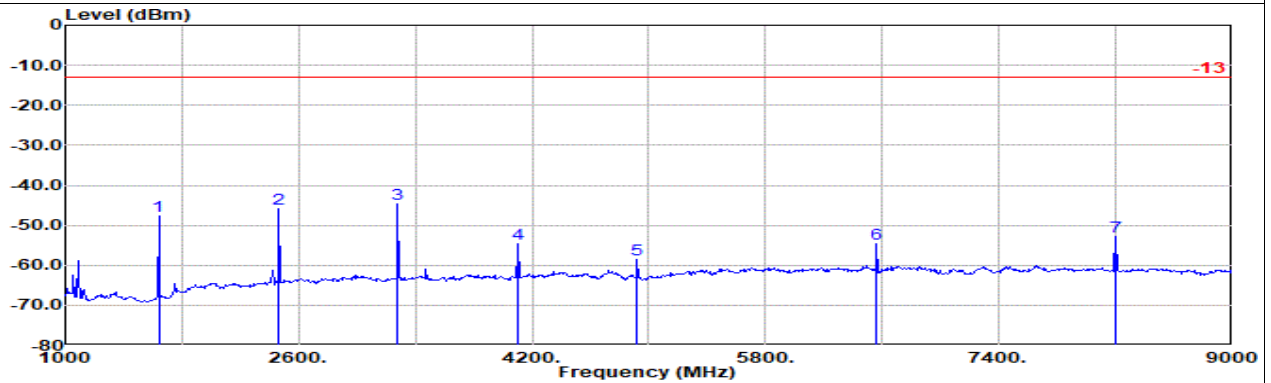


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 5M CH26765 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			1			g			
1	1640.00	-50.20	RMS	28.60	-52.14	0.31	-95.23	68.26	-13.00	-37.20	Horizontal
2	2464.00	-47.97	RMS	32.10	-50.42	0.31	-95.23	65.28	-13.00	-34.97	Horizontal
3	3280.00	-48.69	RMS	32.76	-49.22	0.14	-95.23	62.86	-13.00	-35.69	Horizontal
4	4104.00	-56.35	RMS	33.42	-48.67	0.46	-95.23	53.67	-13.00	-43.35	Horizontal
5	4920.00	-56.75	RMS	34.34	-46.84	0.19	-95.23	50.79	-13.00	-43.75	Horizontal
6	6560.00	-52.91	RMS	35.58	-42.23	0.33	-95.23	48.64	-13.00	-39.91	Horizontal
7	8200.00	-52.37	RMS	35.90	-42.23	0.21	-95.23	48.98	-13.00	-39.37	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 5M CH26765 1RB0 16QAM

	Freq	Level	Detector	Ant		Filter	EIRPCF	Readin	Limit	Margin	Pol
				Factor	Amp\Cb						
	MHz	dBm			1			g			
1	1640.00	-47.59	RMS	28.60	-52.14	0.31	-95.23	70.87	-13.00	-34.59	Vertical
2	2464.00	-45.84	RMS	32.10	-50.42	0.31	-95.23	67.40	-13.00	-32.84	Vertical
3	3280.00	-44.69	RMS	32.76	-49.22	0.14	-95.23	66.86	-13.00	-31.69	Vertical
4	4104.00	-54.67	RMS	33.42	-48.67	0.46	-95.23	55.35	-13.00	-41.67	Vertical
5	4920.00	-58.64	RMS	34.34	-46.84	0.19	-95.23	48.90	-13.00	-45.64	Vertical
6	6560.00	-54.79	RMS	35.58	-42.23	0.33	-95.23	46.76	-13.00	-41.79	Vertical
7	8200.00	-52.82	RMS	35.90	-42.23	0.21	-95.23	48.53	-13.00	-39.82	Vertical

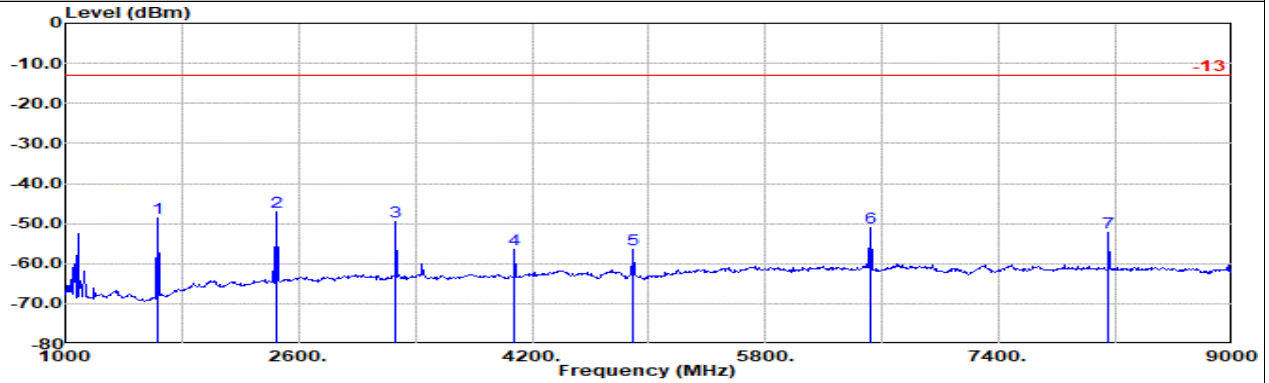


CatM1

Part 90S Mode 3

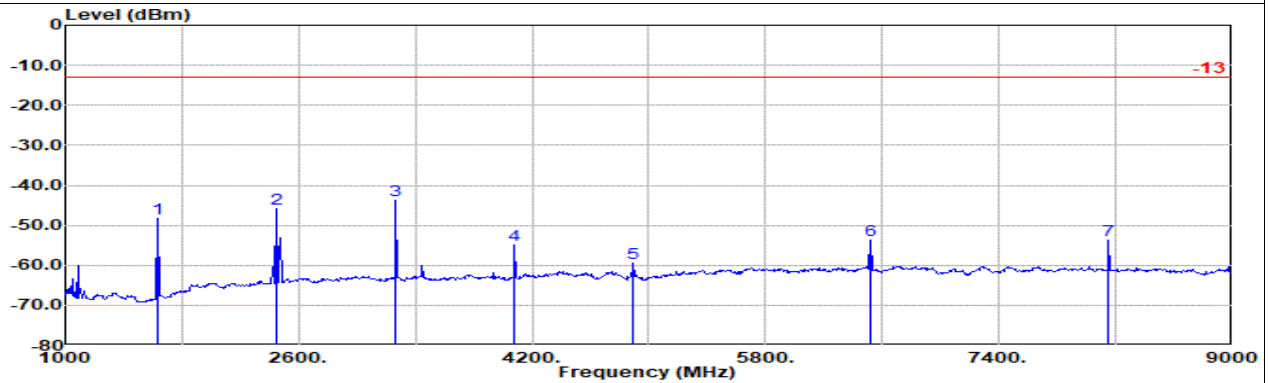
CatM1 B26 10M Ch26740 1RB0 16QAM

M



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Horizontal
Mode : Cat M1 Band 26 10M CH26740 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol	
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	1632.00	-48.57	RMS		28.52	-52.16	0.31	-95.23	69.99	-13.00	-35.57	Horizontal
2	2448.00	-47.19	RMS		31.98	-50.45	0.33	-95.23	66.18	-13.00	-34.19	Horizontal
3	3264.00	-49.48	RMS		32.73	-49.24	0.14	-95.23	62.12	-13.00	-36.48	Horizontal
4	4080.00	-56.46	RMS		33.32	-48.71	0.47	-95.23	53.69	-13.00	-43.46	Horizontal
5	4896.00	-56.54	RMS		34.29	-46.91	0.18	-95.23	51.13	-13.00	-43.54	Horizontal
6	6520.00	-51.04	RMS		35.54	-42.17	0.32	-95.23	50.50	-13.00	-38.04	Horizontal
7	8152.00	-52.21	RMS		36.00	-42.24	0.24	-95.23	49.02	-13.00	-39.21	Horizontal



Site : 03CH07-HY
Condition: -13 3m HF_ANT_00075962 Vertical
Mode : Cat M1 Band 26 10M CH26740 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1632.00	-48.22	RMS	28.52	-52.16	0.31	-95.23	70.34	-13.00	-35.22	Vertical
2	2448.00	-45.91	RMS	31.98	-50.45	0.33	-95.23	67.46	-13.00	-32.91	Vertical
3	3264.00	-43.88	RMS	32.73	-49.24	0.14	-95.23	67.72	-13.00	-30.88	Vertical
4	4080.00	-54.83	RMS	33.32	-48.71	0.47	-95.23	55.32	-13.00	-41.83	Vertical
5	4896.00	-59.47	RMS	34.29	-46.91	0.18	-95.23	48.20	-13.00	-46.47	Vertical
6	6520.00	-53.64	RMS	35.54	-42.17	0.32	-95.23	47.90	-13.00	-40.64	Vertical
7	8152.00	-53.79	RMS	36.00	-42.24	0.24	-95.23	47.44	-13.00	-40.79	Vertical

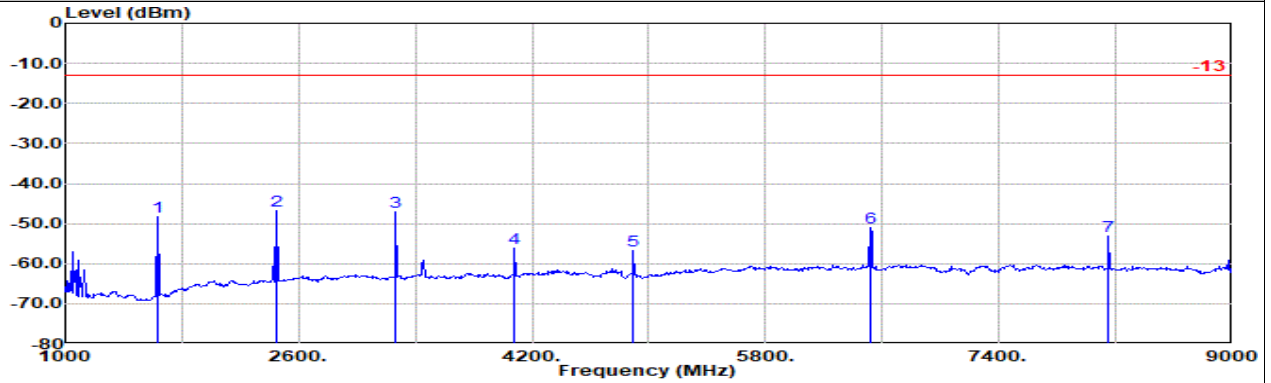


CatM1

Part 90S Mode 5

CatM1 B26 15M Ch26765 1RB0 16QAM

L

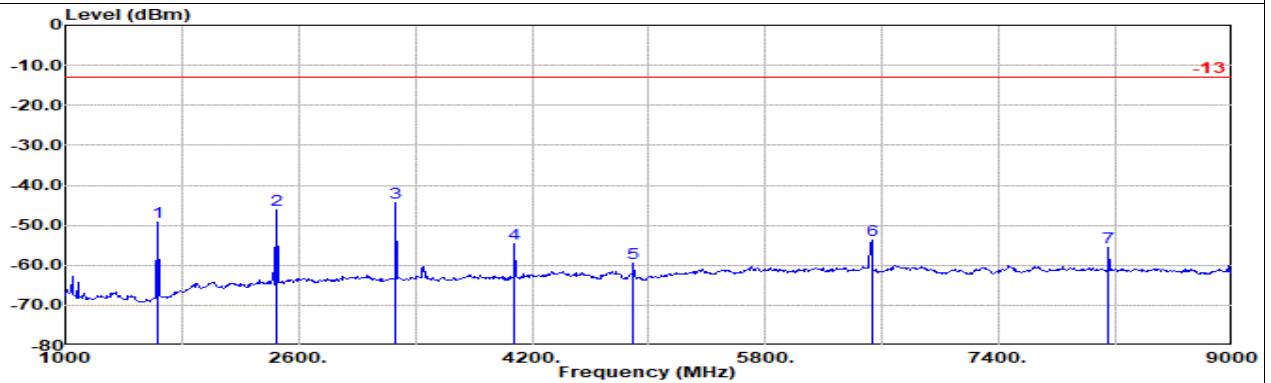


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 15M CH26765 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1632.00	-48.16	RMS	28.52	-52.16	0.31	-95.23	70.40	-13.00	-35.16	Horizontal
2	2448.00	-46.66	RMS	31.98	-50.45	0.33	-95.23	66.71	-13.00	-33.66	Horizontal
3	3264.00	-47.14	RMS	32.73	-49.24	0.14	-95.23	64.46	-13.00	-34.14	Horizontal
4	4080.00	-56.17	RMS	33.32	-48.71	0.47	-95.23	53.98	-13.00	-43.17	Horizontal
5	4896.00	-56.63	RMS	34.29	-46.91	0.18	-95.23	51.04	-13.00	-43.63	Horizontal
6	6520.00	-50.95	RMS	35.54	-42.17	0.32	-95.23	50.59	-13.00	-37.95	Horizontal
7	8152.00	-53.15	RMS	36.00	-42.24	0.24	-95.23	48.08	-13.00	-40.15	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 15M CH26765 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1632.00	-49.34	RMS	28.52	-52.16	0.31	-95.23	69.22	-13.00	-36.34	Vertical
2	2448.00	-46.25	RMS	31.98	-50.45	0.33	-95.23	67.12	-13.00	-33.25	Vertical
3	3264.00	-44.41	RMS	32.73	-49.24	0.14	-95.23	67.19	-13.00	-31.41	Vertical
4	4080.00	-54.69	RMS	33.32	-48.71	0.47	-95.23	55.46	-13.00	-41.69	Vertical
5	4896.00	-59.35	RMS	34.29	-46.91	0.18	-95.23	48.32	-13.00	-46.35	Vertical
6	6528.00	-53.62	RMS	35.56	-42.18	0.33	-95.23	47.90	-13.00	-40.62	Vertical
7	8152.00	-55.69	RMS	36.00	-42.24	0.24	-95.23	45.54	-13.00	-42.69	Vertical

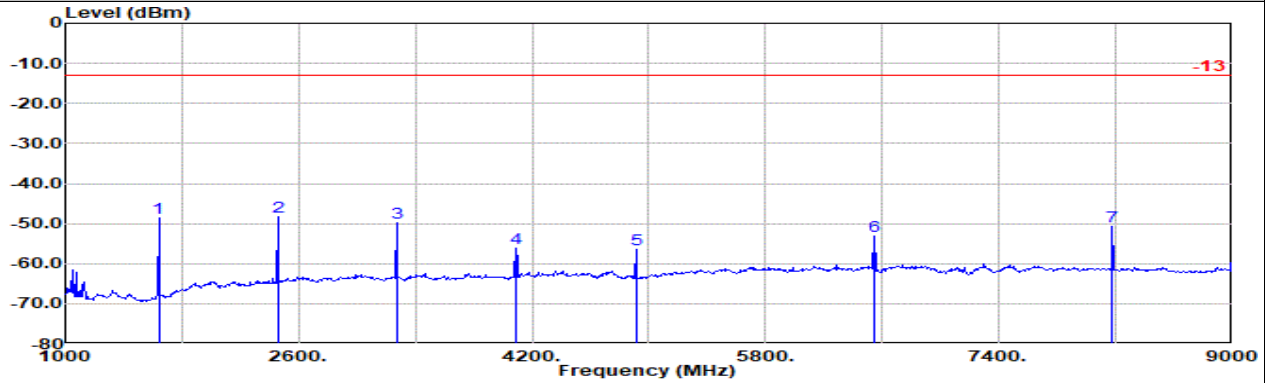


CatM1

Part 90S Mode 7

CatM1 B26 15M Ch26790 1RB0 16QAM

M

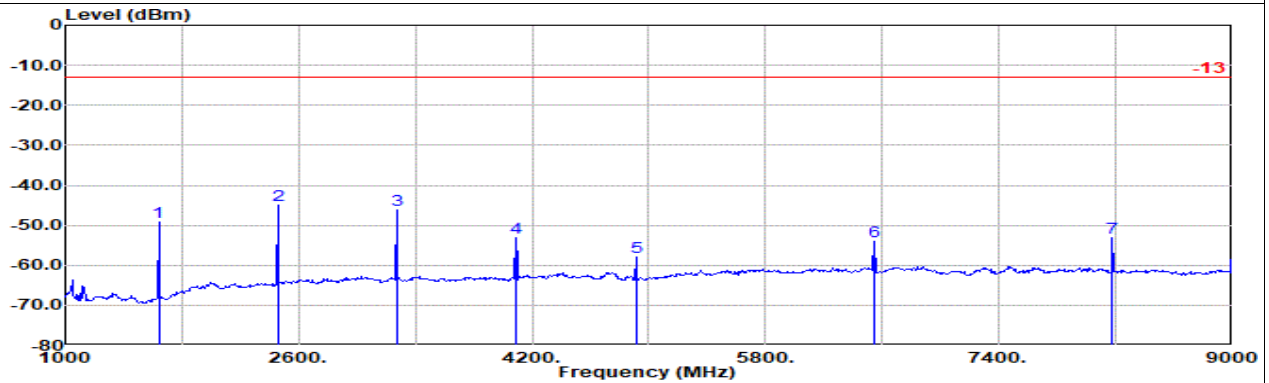


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 15M CH26790 1RB0 16QAM

	Freq		Level	Detector	Ant Factor	Ant Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm				dB/m	dB						
1	1640.00	-48.46	RMS		28.60	-52.14	0.31	-95.23	70.00	-13.00	-35.46	Horizontal	
2	2456.00	-48.35	RMS		32.06	-50.44	0.32	-95.23	64.94	-13.00	-35.35	Horizontal	
3	3272.00	-49.89	RMS		32.74	-49.23	0.14	-95.23	61.69	-13.00	-36.89	Horizontal	
4	4088.00	-56.18	RMS		33.35	-48.69	0.47	-95.23	53.92	-13.00	-43.18	Horizontal	
5	4912.00	-56.54	RMS		34.32	-46.87	0.18	-95.23	51.06	-13.00	-43.54	Horizontal	
6	6544.00	-53.22	RMS		35.59	-42.20	0.33	-95.23	48.29	-13.00	-40.22	Horizontal	
7	8176.00	-50.80	RMS		35.95	-42.23	0.22	-95.23	50.49	-13.00	-37.80	Horizontal	



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 15M CH26790 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1640.00	-49.10	RMS	28.60	-52.14	0.31	-95.23	69.36	-13.00	-36.10	Vertical
2	2456.00	-44.91	RMS	32.06	-50.44	0.32	-95.23	68.38	-13.00	-31.91	Vertical
3	3272.00	-46.12	RMS	32.74	-49.23	0.14	-95.23	65.46	-13.00	-33.12	Vertical
4	4088.00	-53.02	RMS	33.35	-48.69	0.47	-95.23	57.08	-13.00	-40.02	Vertical
5	4912.00	-57.85	RMS	34.32	-46.87	0.18	-95.23	49.75	-13.00	-44.85	Vertical
6	6544.00	-54.17	RMS	35.59	-42.20	0.33	-95.23	47.34	-13.00	-41.17	Vertical
7	8176.00	-53.07	RMS	35.95	-42.23	0.22	-95.23	48.22	-13.00	-40.07	Vertical

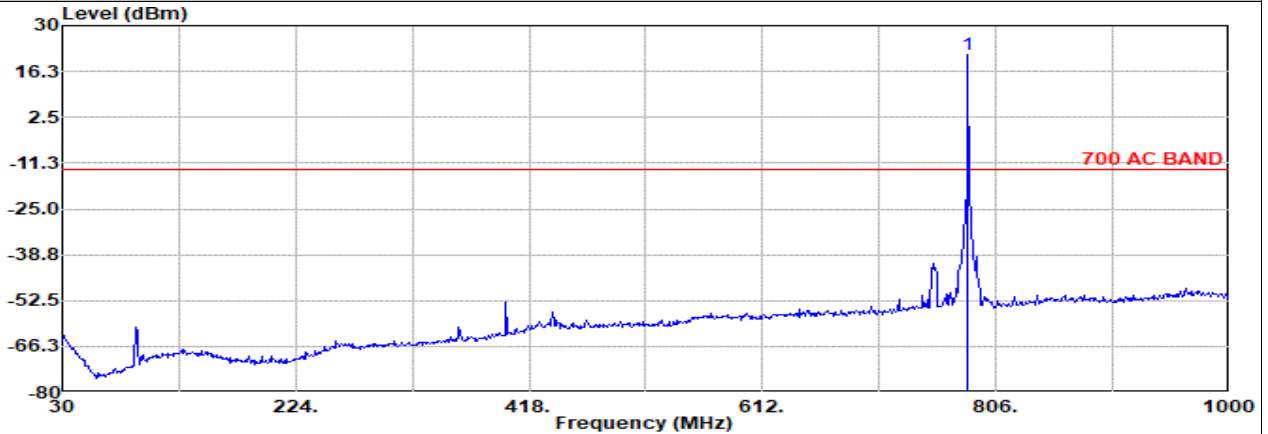


CatM1

Part 27F Mode 2

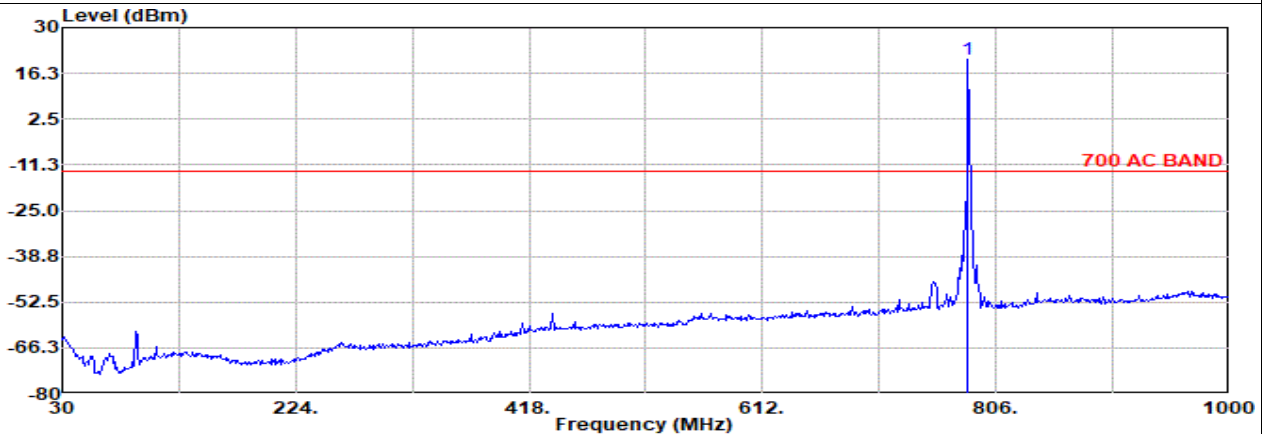
CatM1 B13 5M Ch23255 1RB0 16QAM

H



Site : 03CH07-HY
Condition: 700 AC BAND 3m Bilog_35419 Horizontal
Mode : Cat M1 Band 13 5M CH23255 1RB0 16QAM
: #1 is fundamental signal which can be ignored.

			Ant Amp\Cb Filter		Readin Limit					
	Freq	Level	Detector	Factor	1	EIRPCF	g	Margin	Pol	
	MHz	dBm		dB/m	dB	dB	dBuV	dBm	dB	
1	782.72	21.44	RMS	27.80	4.96	0.00	-95.23	83.91	-13.00	34.44 Horizontal



Site : 03CH07-HY
Condition: 700 AC BAND 3m Bilog_35419 Vertical
Mode : Cat M1 Band 13 5M CH23255 1RB0 16QAM
: #1 is fundamental signal which can be ignored.

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	782.72	20.55	RMS	27.80	4.96	0.00	-95.23	83.02	-13.00	33.55	Vertical



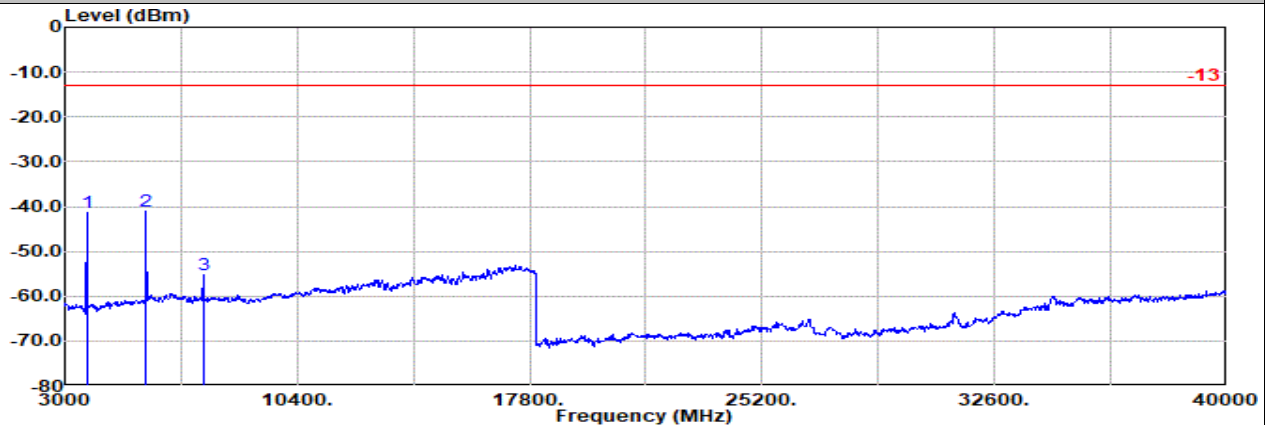
Sample 3

CatM1

Part 24E Mode 3

CatM1 B2 10M Ch18650 1RB0 16QAM

L

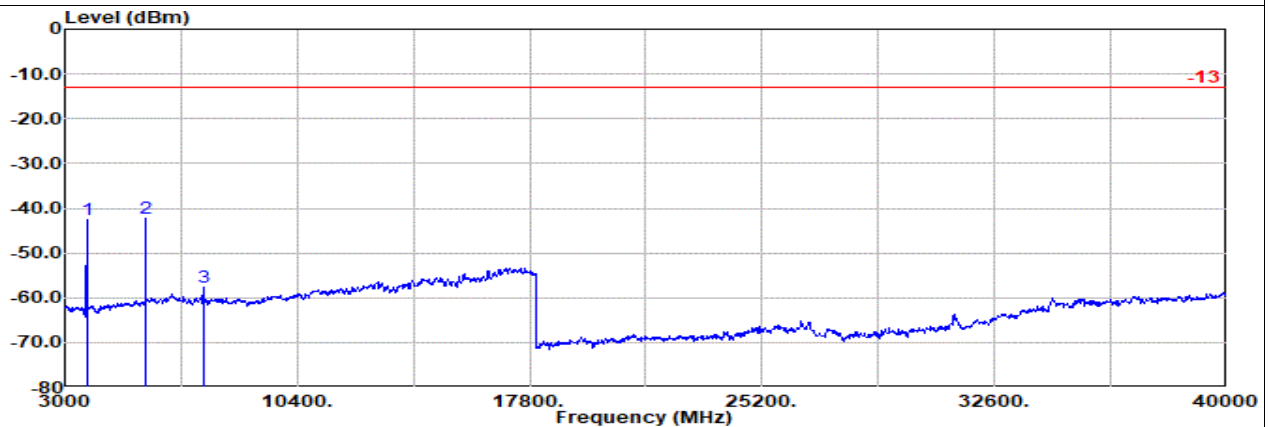


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : Cat M1 Band 2 10M CH18650 1RB0 16QAM

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3705.00	-41.47	RMS	33.11	-49.00	0.67	-95.23	68.98	-13.00	-28.47 Horizontal
2	5565.00	-40.98	RMS	34.70	-44.06	0.51	-95.23	63.10	-13.00	-27.98 Horizontal
3	7410.00	-55.23	RMS	35.68	-42.98	0.31	-95.23	46.99	-13.00	-42.23 Horizontal



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : Cat M1 Band 2 10M CH18650 1RB0 16QAM

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3705.00	-42.67	RMS	33.11	-49.00	0.67	-95.23	67.78	-13.00	-29.67 Vertical
2	5565.00	-42.15	RMS	34.70	-44.06	0.51	-95.23	61.93	-13.00	-29.15 Vertical
3	7410.00	-57.74	RMS	35.68	-42.98	0.31	-95.23	44.48	-13.00	-44.74 Vertical

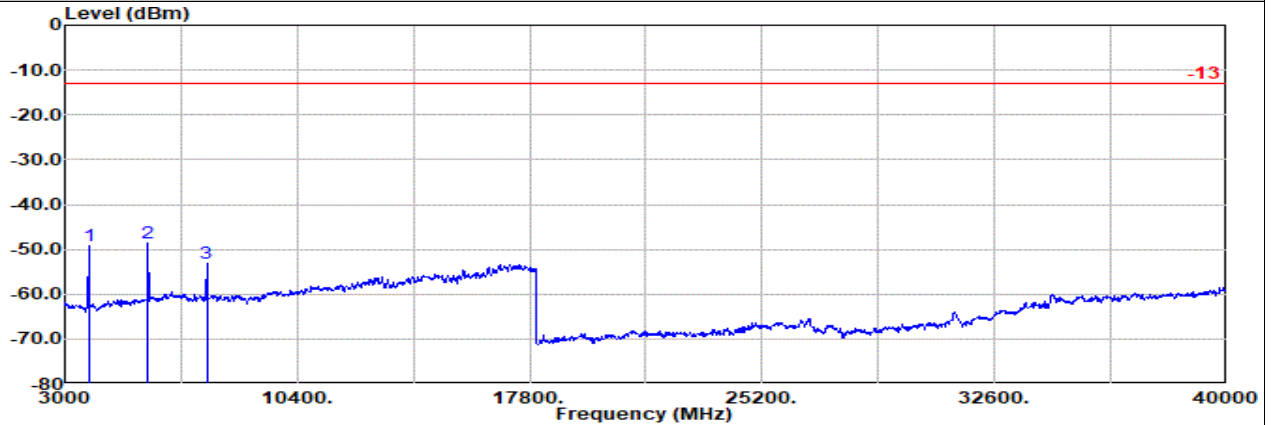


CatM1

Part 24E Mode 3

CatM1 B2 10M Ch18900 1RB0 16QAM

M

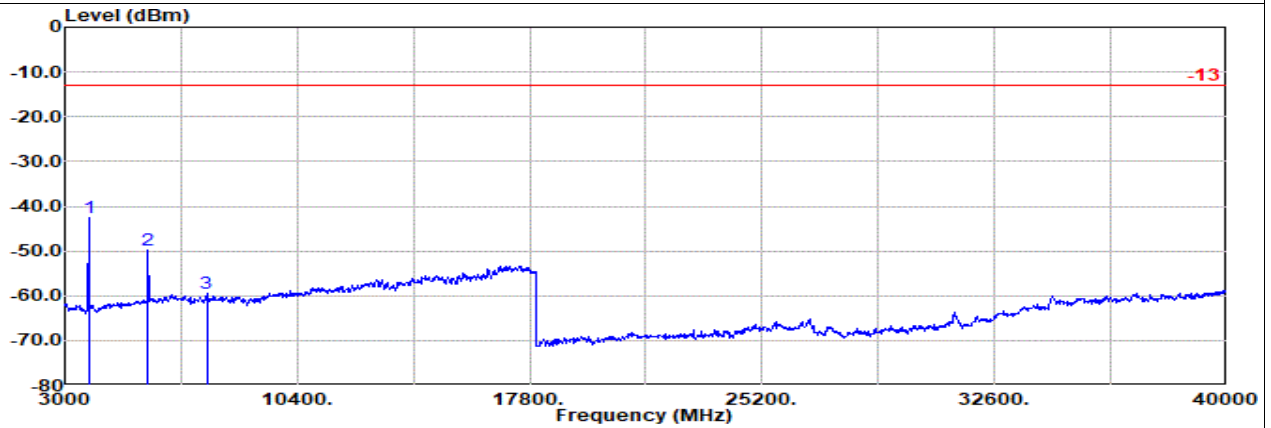


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : Cat M1 Band 2 10M CH18900 1RB0 16QAM

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3765.00	-49.30	RMS	33.26	-48.94	0.67	-95.23	60.94	-13.00	-36.30 Horizontal
2	5640.00	-48.55	RMS	34.94	-43.86	0.47	-95.23	55.13	-13.00	-35.55 Horizontal
3	7515.00	-52.99	RMS	35.56	-43.03	0.33	-95.23	49.38	-13.00	-39.99 Horizontal



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : Cat M1 Band 2 10M CH18900 1RB0 16QAM

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1		g			
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	3765.00	-42.69	RMS	33.26	-48.94	0.67	-95.23	67.55	-13.00	-29.69 Vertical
2	5640.00	-49.74	RMS	34.94	-43.86	0.47	-95.23	53.94	-13.00	-36.74 Vertical
3	7515.00	-59.51	RMS	35.56	-43.03	0.33	-95.23	42.86	-13.00	-46.51 Vertical

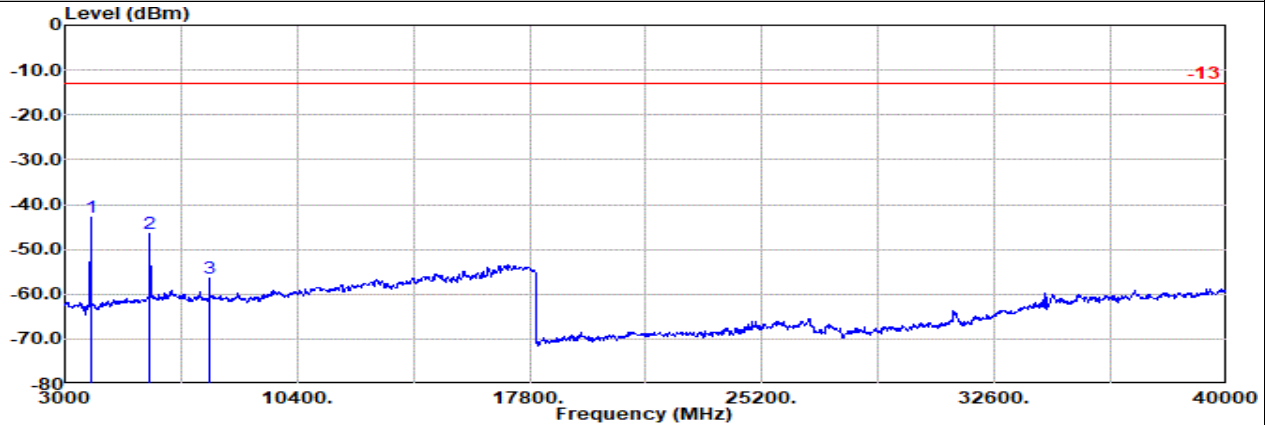


CatM1

Part 24E Mode 3

CatM1 B2 10M Ch19150 1RB0 16QAM

H

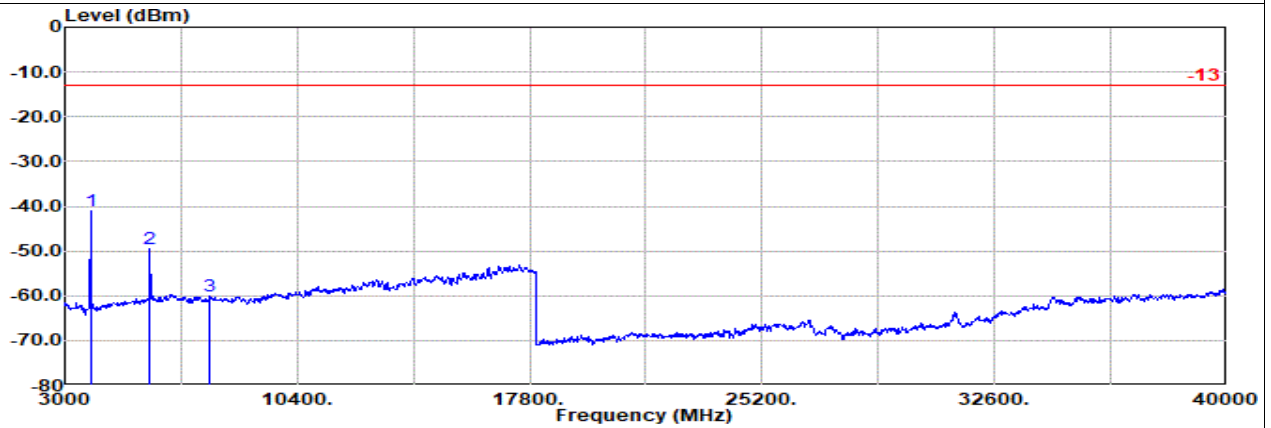


Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Horizontal

Mode : Cat M1 Band 2 10M CH19150 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3810.00	-42.86	RMS	33.42	-48.91	0.67	-95.23	67.19	-13.00	-29.86	Horizontal			
2	5715.00	-46.41	RMS	35.20	-43.64	0.37	-95.23	56.89	-13.00	-33.41	Horizontal			
3	7605.00	-56.36	RMS	35.90	-42.93	0.35	-95.23	45.55	-13.00	-43.36	Horizontal			



Site : 03CH07-HY

Condition: -13 1m SHF-EHF_9170251 Vertical

Mode : Cat M1 Band 2 10M CH19150 1RB0 16QAM

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	3810.00	-41.15	RMS	33.42	-48.91	0.67	-95.23	68.90	-13.00	-28.15	Vertical			
2	5715.00	-49.46	RMS	35.20	-43.64	0.37	-95.23	53.84	-13.00	-36.46	Vertical			
3	7605.00	-60.01	RMS	35.90	-42.93	0.35	-95.23	41.90	-13.00	-47.01	Vertical			

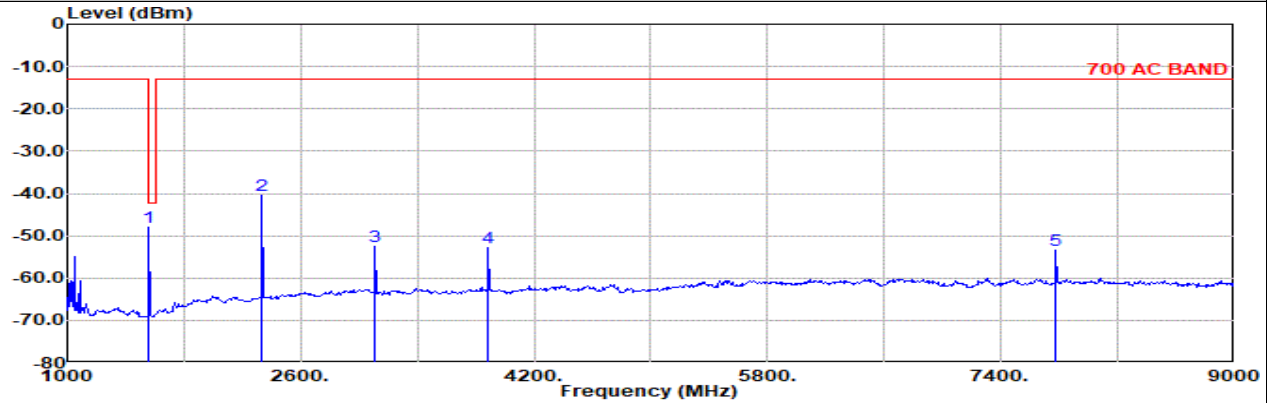


CatM1

Part 27F Mode 5

CatM1 B13 5M Ch23205 1RB0 16QAM

L

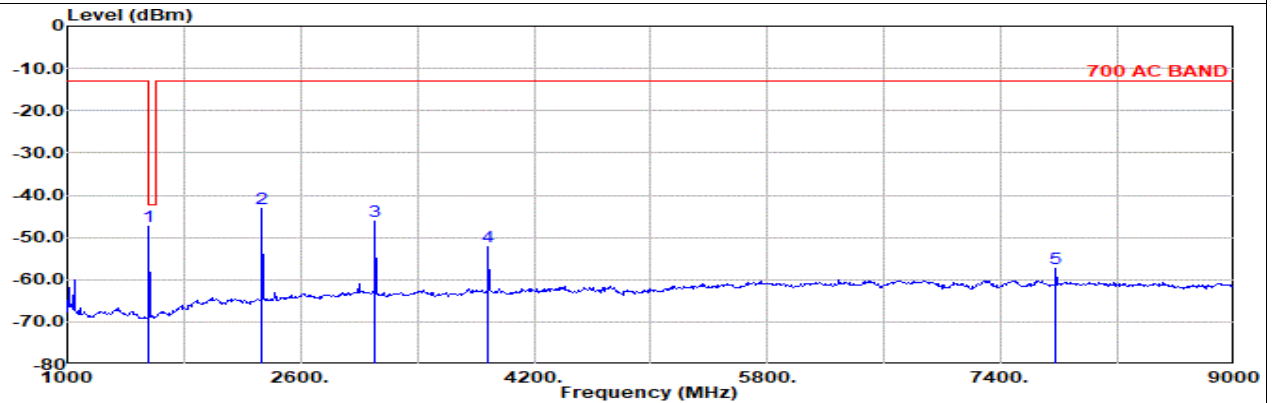


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 5M CH23205 1RB0 16QAM

	Freq		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1557.00	-47.96	RMS	27.67	-52.35	0.33	-95.23	71.62	-13.00	-34.96	Horizontal	
2	2336.00	-40.40	RMS	32.10	-50.65	0.33	-95.23	73.05	-13.00	-27.40	Horizontal	
3	3112.00	-52.59	RMS	32.65	-49.33	0.18	-95.23	59.14	-13.00	-39.59	Horizontal	
4	3888.00	-52.97	RMS	33.42	-48.87	0.50	-95.23	57.21	-13.00	-39.97	Horizontal	
5	7776.00	-53.35	RMS	35.95	-42.66	0.39	-95.23	48.20	-13.00	-40.35	Horizontal	



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 5M CH23205 1RB0 16QAM

	Freq		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1557.00	-47.37	RMS	27.67	-52.35	0.33	-95.23	72.21	-13.00	-34.37	Vertical	
2	2336.00	-43.10	RMS	32.10	-50.65	0.33	-95.23	70.35	-13.00	-30.10	Vertical	
3	3112.00	-46.21	RMS	32.65	-49.33	0.18	-95.23	65.52	-13.00	-33.21	Vertical	
4	3888.00	-52.29	RMS	33.42	-48.87	0.50	-95.23	57.89	-13.00	-39.29	Vertical	
5	7776.00	-57.26	RMS	35.95	-42.66	0.39	-95.23	44.29	-13.00	-44.26	Vertical	

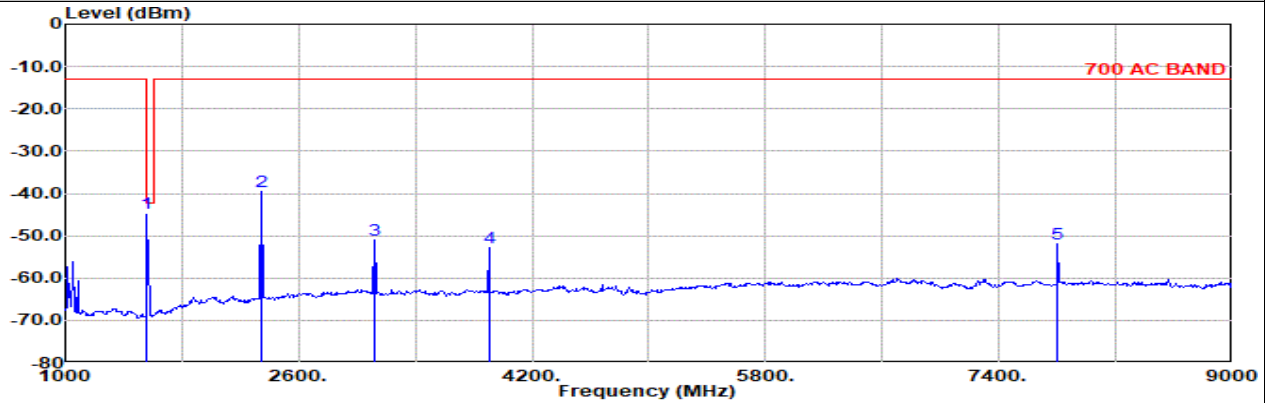


CatM1

Part 27F Mode 5

CatM1 B13 5M Ch23230 1RB0 16QAM

M

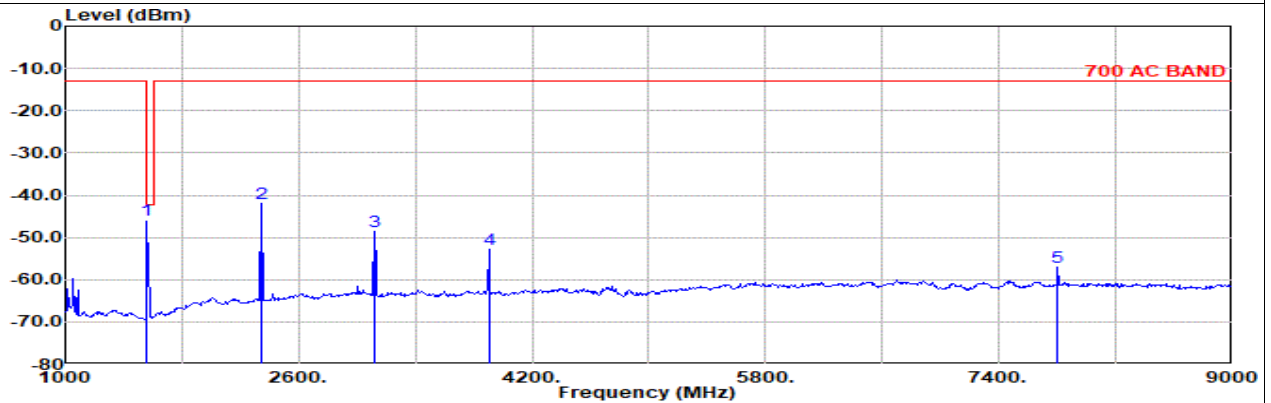


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 5M CH23230 1RB0 16QAM

	Freq		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB	dBuV	dBm	dB	
1	1560.00	-44.74	RMS	27.70	-52.34	0.33	-95.23	74.80	-42.15	-2.59	Horizontal			
2	2344.00	-39.68	RMS	32.10	-50.64	0.33	-95.23	73.76	-13.00	-26.68	Horizontal			
3	3120.00	-51.00	RMS	32.62	-49.33	0.18	-95.23	60.76	-13.00	-38.00	Horizontal			
4	3904.00	-52.72	RMS	33.39	-48.87	0.50	-95.23	57.49	-13.00	-39.72	Horizontal			
5	7800.00	-51.97	RMS	35.90	-42.62	0.38	-95.23	49.60	-13.00	-38.97	Horizontal			



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 5M CH23230 1RB0 16QAM

	Freq		Detector	Ant Factor		Amp\Cb		Filter	EIRPCF		Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB		dB	dB	dBuV	dBm	dB	
1	1560.00	-45.94	RMS	27.70	-52.34	0.33	-95.23	73.60	-42.15	-3.79	Vertical			
2	2344.00	-42.02	RMS	32.10	-50.64	0.33	-95.23	71.42	-13.00	-29.02	Vertical			
3	3120.00	-48.47	RMS	32.62	-49.33	0.18	-95.23	63.29	-13.00	-35.47	Vertical			
4	3904.00	-52.72	RMS	33.39	-48.87	0.50	-95.23	57.49	-13.00	-39.72	Vertical			
5	7800.00	-56.92	RMS	35.90	-42.62	0.38	-95.23	44.65	-13.00	-43.92	Vertical			

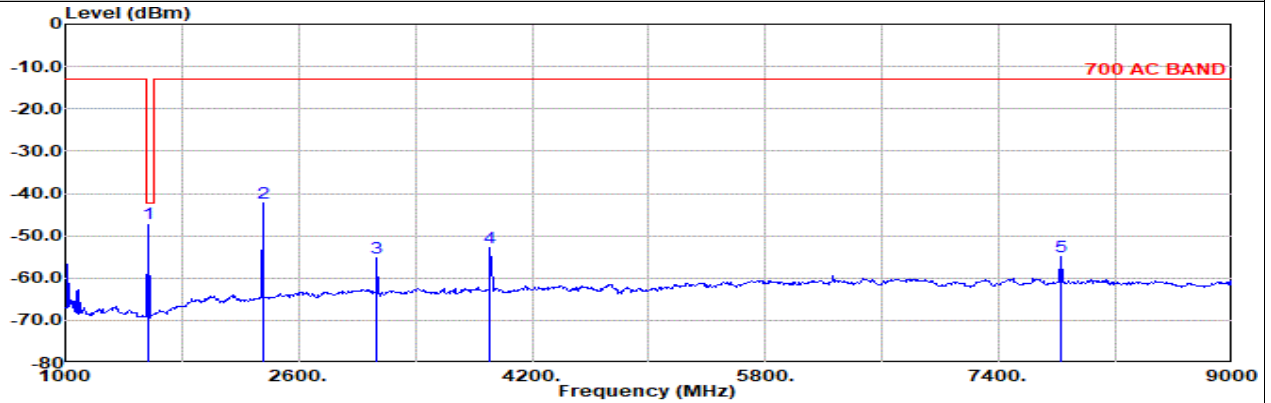


CatM1

Part 27F Mode 5

CatM1 B13 5M Ch23255 1RB0 16QAM

H

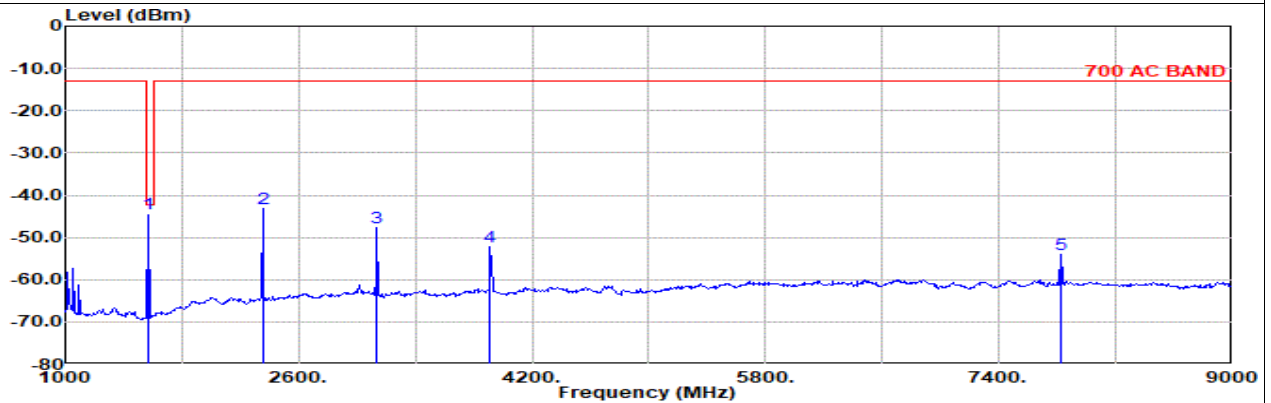


Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 13 5M CH23255 1RB0 16QAM

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1568.00	-47.22	RMS		27.70	-52.32	0.33	-95.23	72.30	-42.15	-5.07	Horizontal
2	2352.00	-42.21	RMS		32.08	-50.62	0.34	-95.23	71.22	-13.00	-29.21	Horizontal
3	3136.00	-55.13	RMS		32.56	-49.32	0.17	-95.23	56.69	-13.00	-42.13	Horizontal
4	3912.00	-52.89	RMS		33.38	-48.87	0.50	-95.23	57.33	-13.00	-39.89	Horizontal
5	7824.00	-55.04	RMS		35.85	-42.58	0.37	-95.23	46.55	-13.00	-42.04	Horizontal



Site : 03CH07-HY

Condition: 700 AC BAND 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 13 5M CH23255 1RB0 16QAM

	Freq Level		Detector	Ant Factor	Amp\Cb		Filter 1	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1568.00	-44.42	RMS		27.70	-52.32	0.33	-95.23	75.10	-42.15	-2.27	Vertical
2	2352.00	-43.26	RMS		32.08	-50.62	0.34	-95.23	70.17	-13.00	-30.26	Vertical
3	3136.00	-47.76	RMS		32.56	-49.32	0.17	-95.23	64.06	-13.00	-34.76	Vertical
4	3912.00	-52.30	RMS		33.38	-48.87	0.50	-95.23	57.92	-13.00	-39.30	Vertical
5	7824.00	-53.95	RMS		35.85	-42.58	0.37	-95.23	47.64	-13.00	-40.95	Vertical

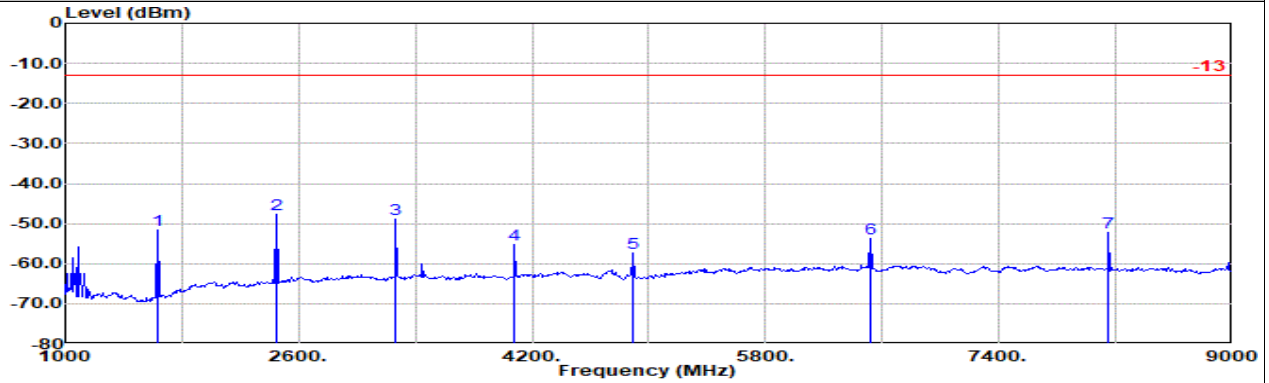


CatM1

Part 90S Mode 9

CatM1 B26 10M Ch26740 1RB0 16QAM

M

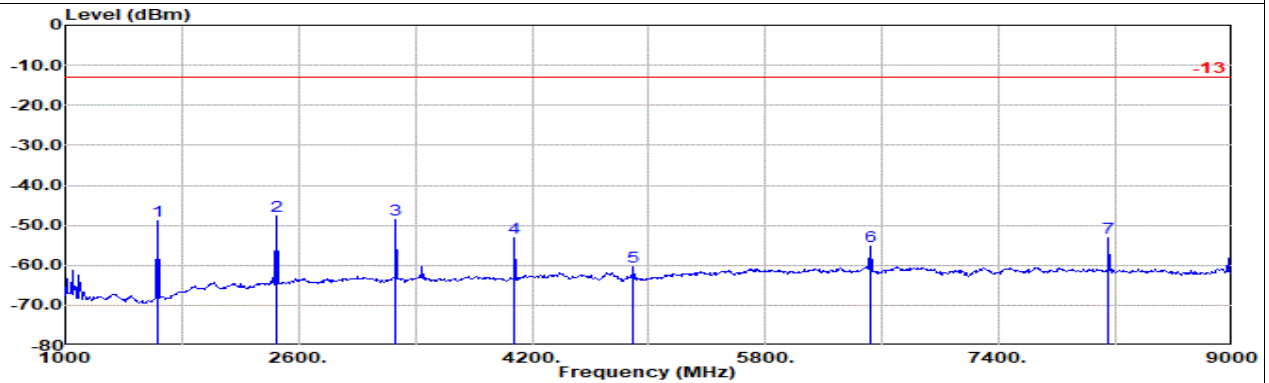


Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Horizontal

Mode : Cat M1 Band 26 10M CH26740 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol	
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB		
1	1632.00	-51.74	RMS		28.52	-52.16	0.31	-95.23	66.82	-13.00	-38.74	Horizontal
2	2448.00	-47.63	RMS		31.98	-50.45	0.33	-95.23	65.74	-13.00	-34.63	Horizontal
3	3264.00	-48.88	RMS		32.73	-49.24	0.14	-95.23	62.72	-13.00	-35.88	Horizontal
4	4080.00	-55.37	RMS		33.32	-48.71	0.47	-95.23	54.78	-13.00	-42.37	Horizontal
5	4896.00	-57.32	RMS		34.29	-46.91	0.18	-95.23	50.35	-13.00	-44.32	Horizontal
6	6520.00	-53.71	RMS		35.54	-42.17	0.32	-95.23	47.83	-13.00	-40.71	Horizontal
7	8152.00	-52.31	RMS		36.00	-42.24	0.24	-95.23	48.92	-13.00	-39.31	Horizontal



Site : 03CH07-HY

Condition: -13 3m HF_ANT_00075962 Vertical

Mode : Cat M1 Band 26 10M CH26740 1RB0 16QAM

	Freq	Level	Detector	Ant Factor	Amp\Cb 1	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1632.00	-48.92	RMS	28.52	-52.16	0.31	-95.23	69.64	-13.00	-35.92	Vertical
2	2448.00	-47.64	RMS	31.98	-50.45	0.33	-95.23	65.73	-13.00	-34.64	Vertical
3	3264.00	-48.67	RMS	32.73	-49.24	0.14	-95.23	62.93	-13.00	-35.67	Vertical
4	4080.00	-53.18	RMS	33.32	-48.71	0.47	-95.23	56.97	-13.00	-40.18	Vertical
5	4896.00	-60.42	RMS	34.29	-46.91	0.18	-95.23	47.25	-13.00	-47.42	Vertical
6	6520.00	-55.11	RMS	35.54	-42.17	0.32	-95.23	46.43	-13.00	-42.11	Vertical
7	8152.00	-53.10	RMS	36.00	-42.24	0.24	-95.23	48.13	-13.00	-40.10	Vertical