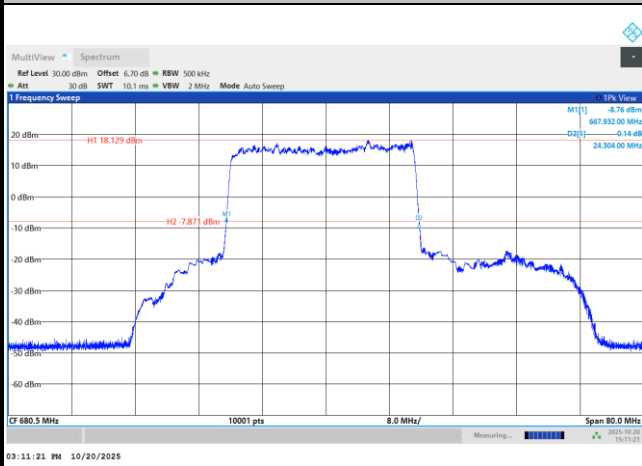




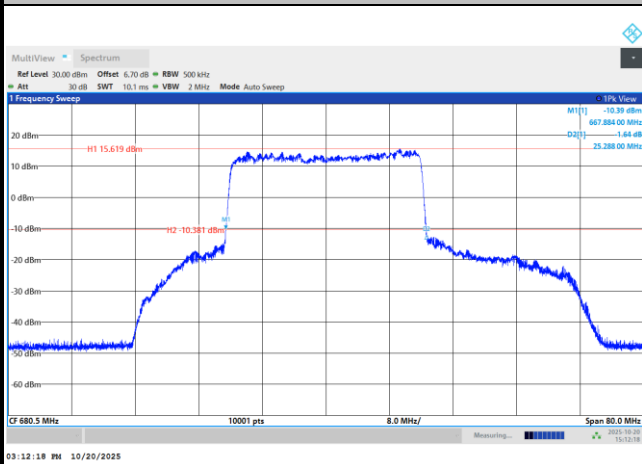
FR1 n71 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

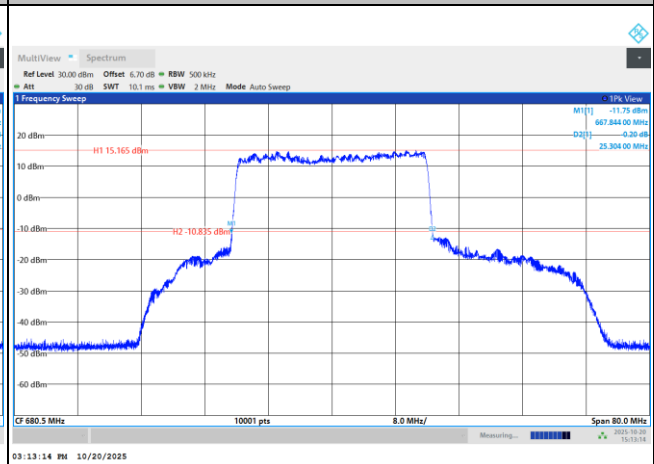


FR1 n71 / 25MHz / CP OFDM / Middle Channel / Full RB

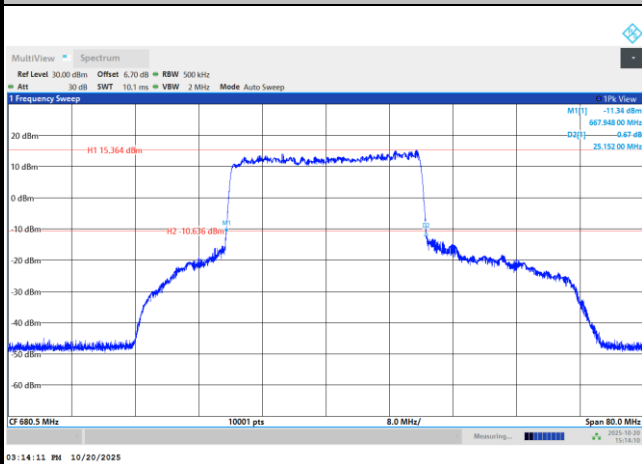
QPSK



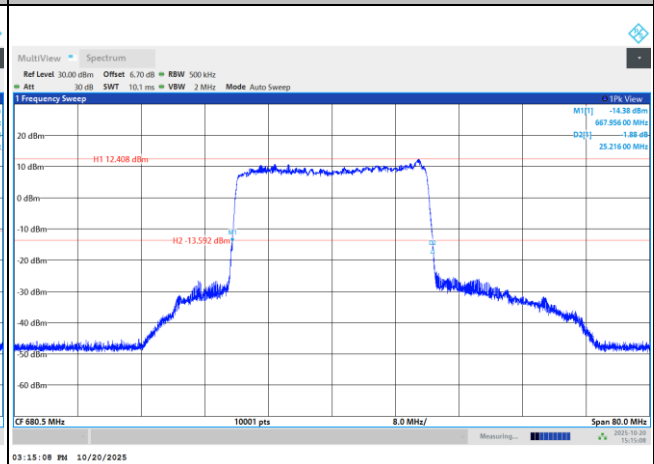
16QAM

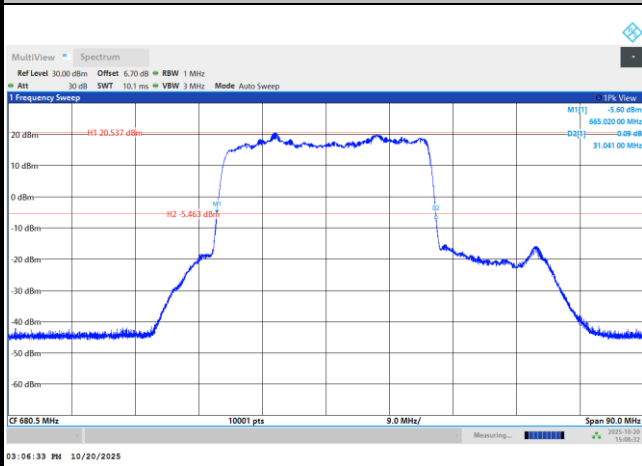
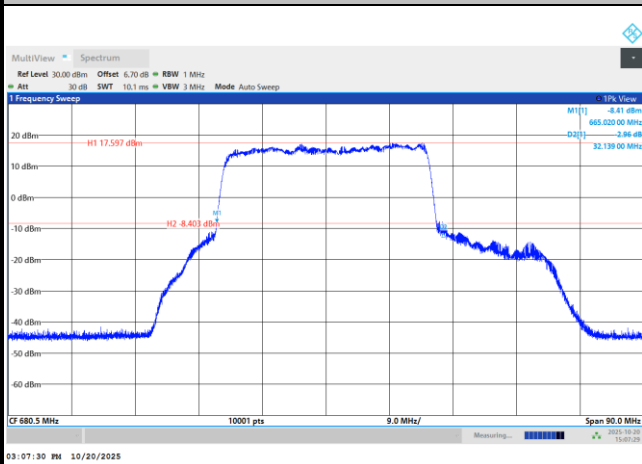
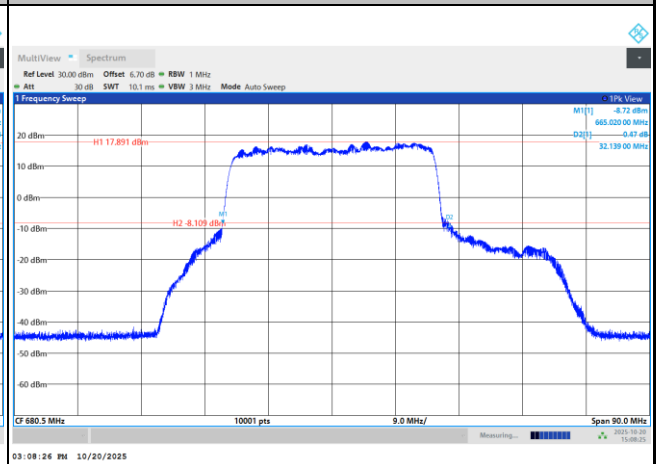
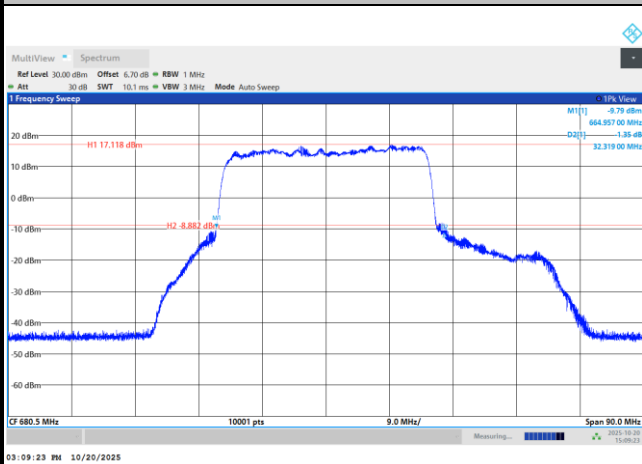
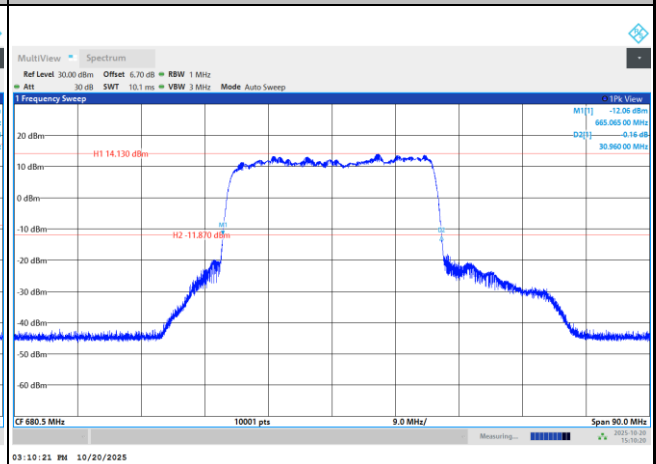


64QAM



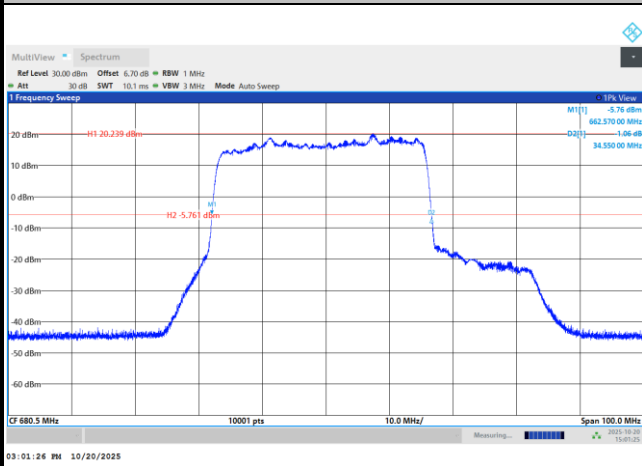
256QAM



FR1 n71 / 30MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n71 / 30MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


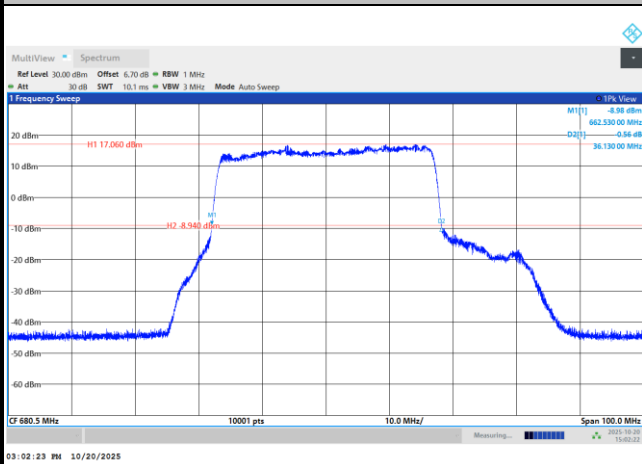
FR1 n71 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

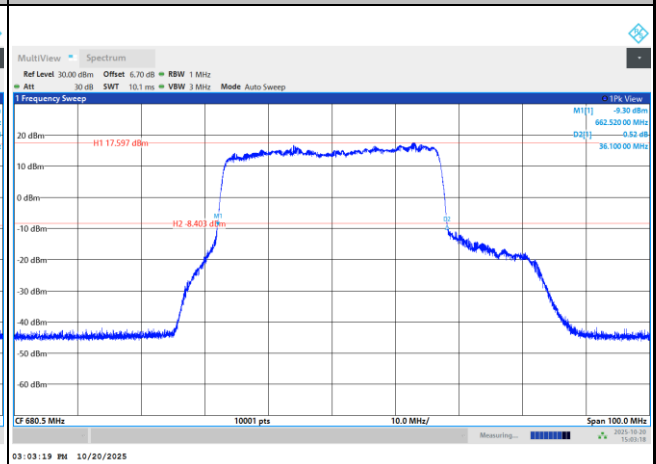


FR1 n71 / 35MHz / CP OFDM / Middle Channel / Full RB

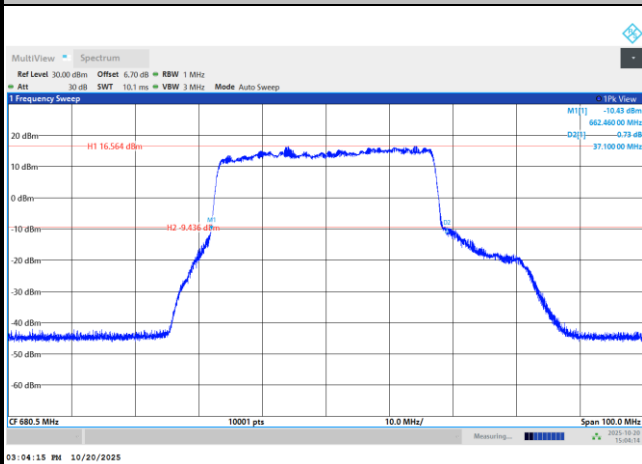
QPSK



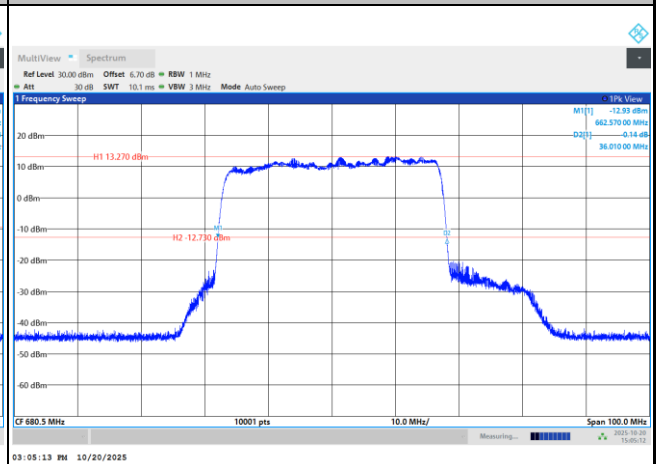
16QAM



64QAM



256QAM



**Occupied Bandwidth**

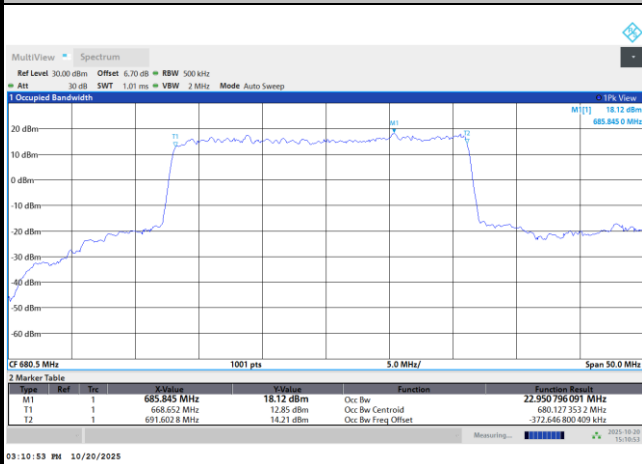
Mode	FR1 n71 : 99%OBW(MHz) / DFT-S OFDM							
BW	25MHz		30MHz		35MHz			
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK			
Middle CH	22.95		28.81		32.33			

Mode	FR1 n71 : 99%OBW (MHz) / CP OFDM							
BW	25MHz		30MHz		35MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Middle CH	23.81	23.79	28.76	28.78	33.72	33.75		
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM		
Middle CH	23.77	23.80	28.76	28.69	33.83	33.66		



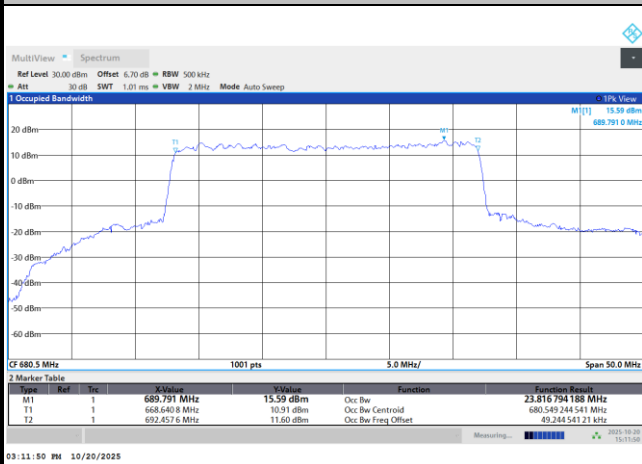
FR1 n71 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

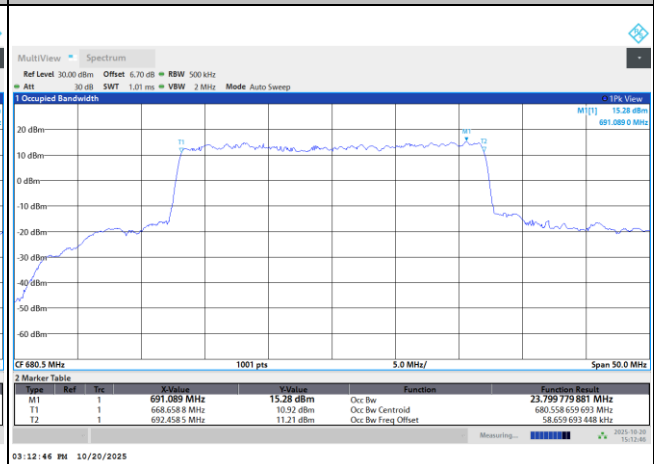


FR1 n71 / 25MHz / CP OFDM / Middle Channel / Full RB

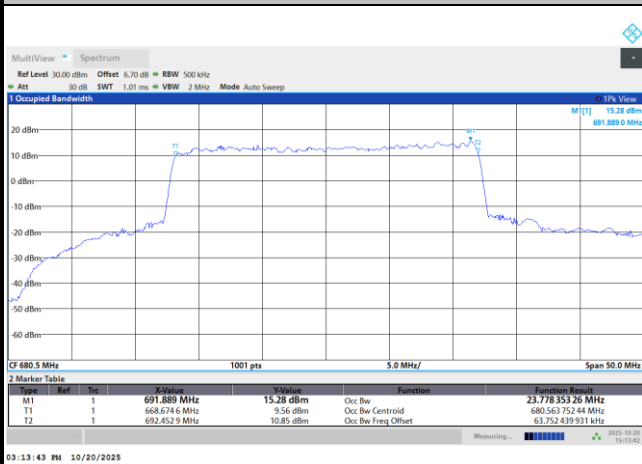
QPSK



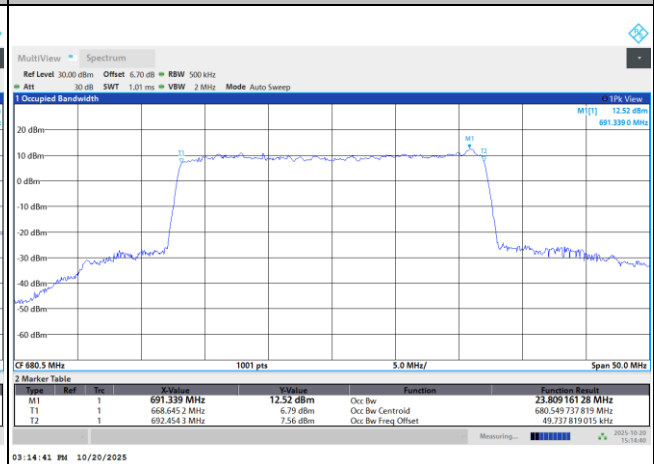
16QAM



64QAM

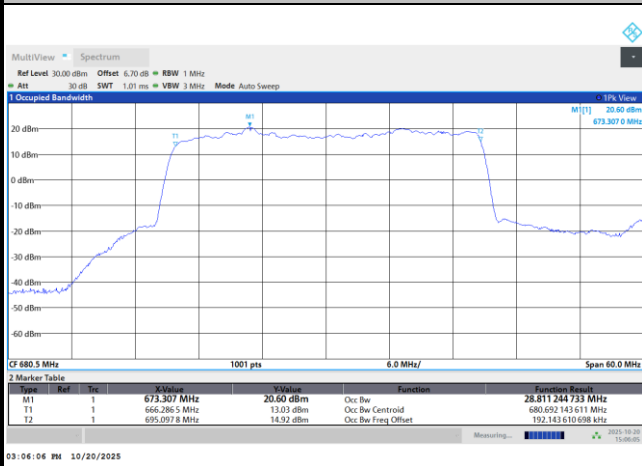


256QAM



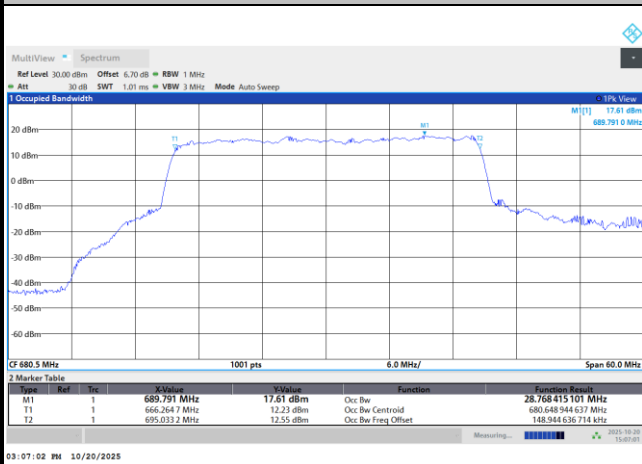
FR1 n71 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

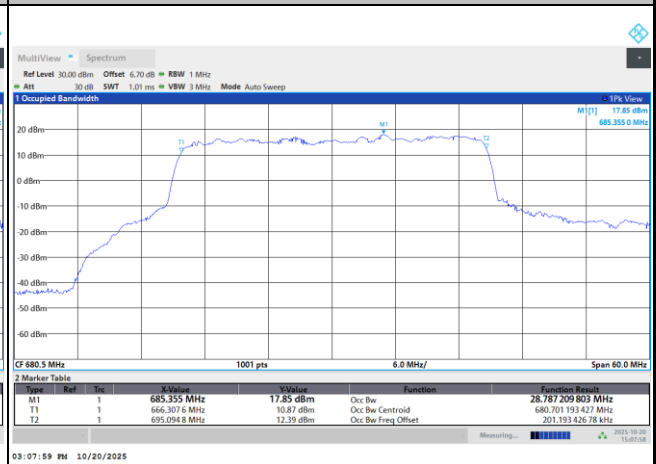


FR1 n71 / 30MHz / CP OFDM / Middle Channel / Full RB

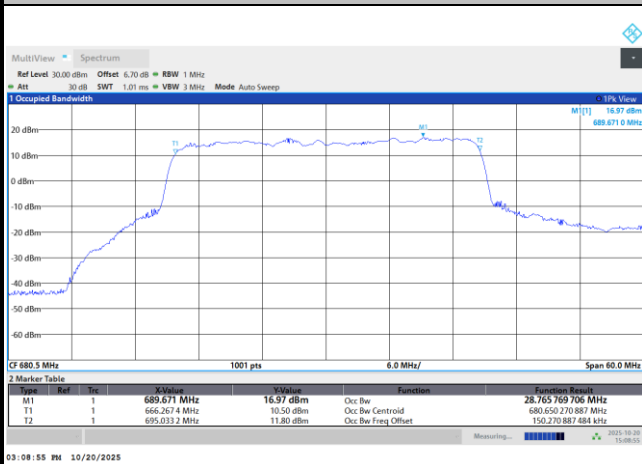
QPSK



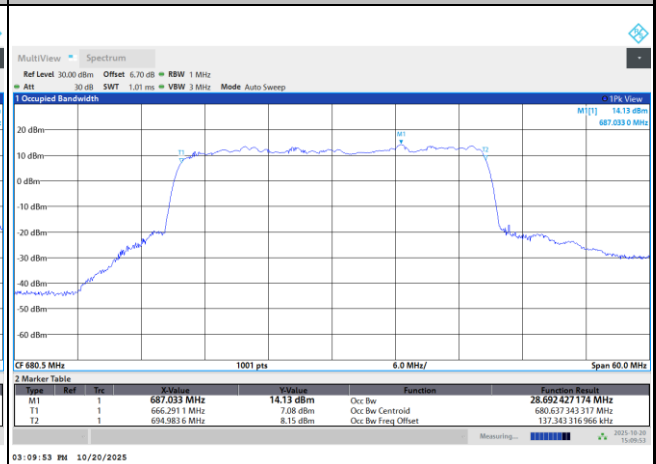
16QAM



64QAM



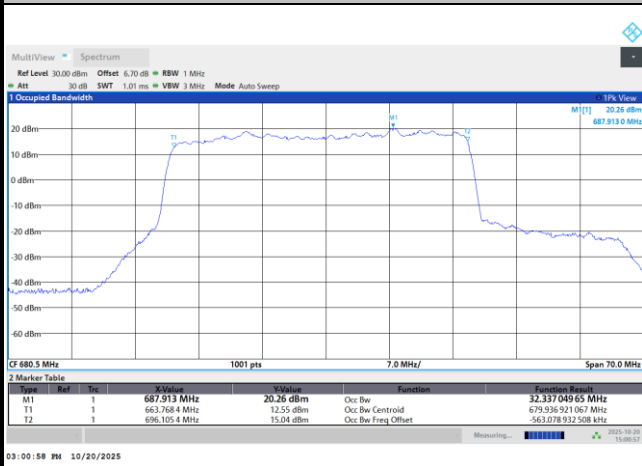
256QAM





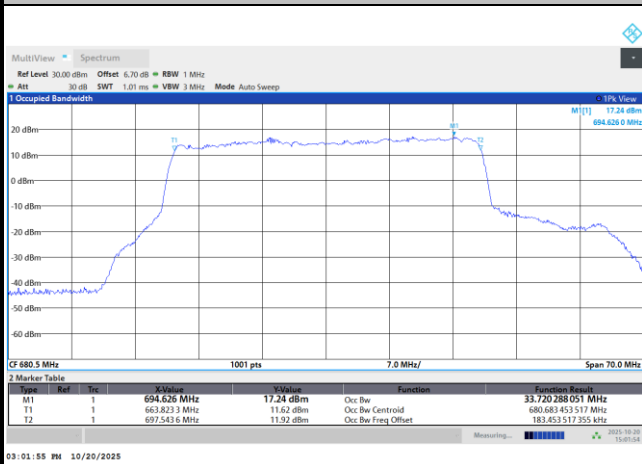
FR1 n71 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

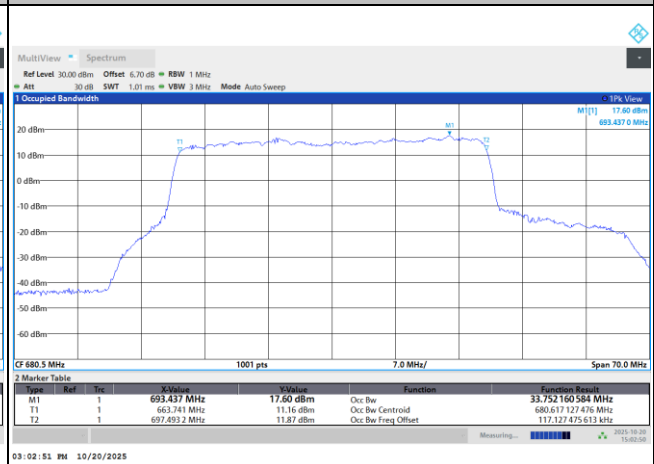


FR1 n71 / 35MHz / CP OFDM / Middle Channel / Full RB

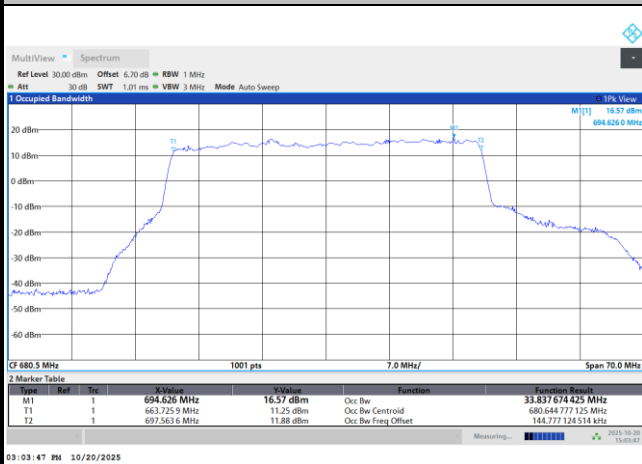
QPSK



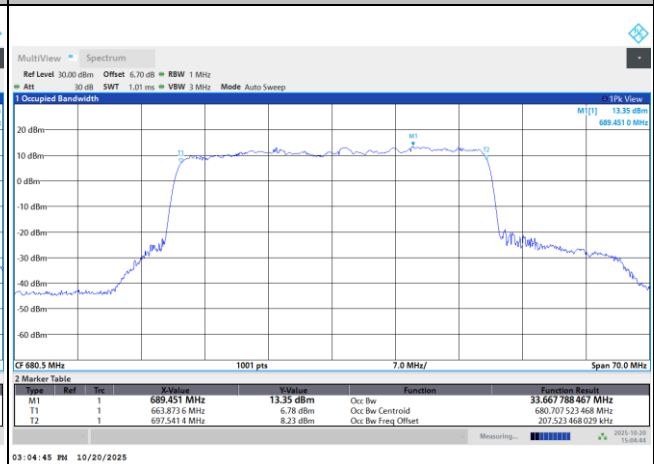
16QAM



64QAM



256QAM



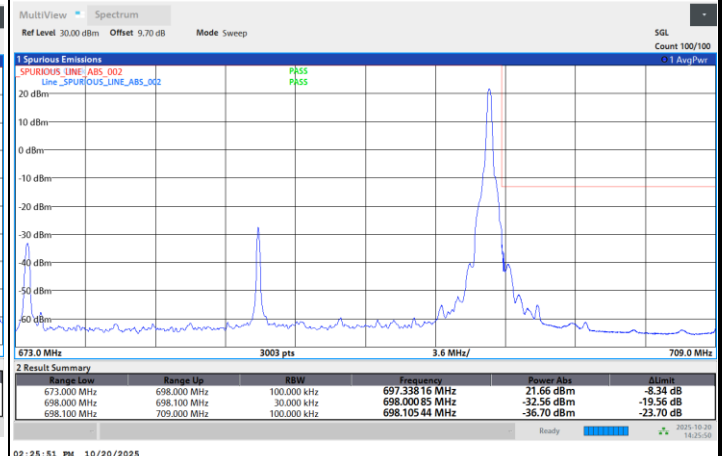
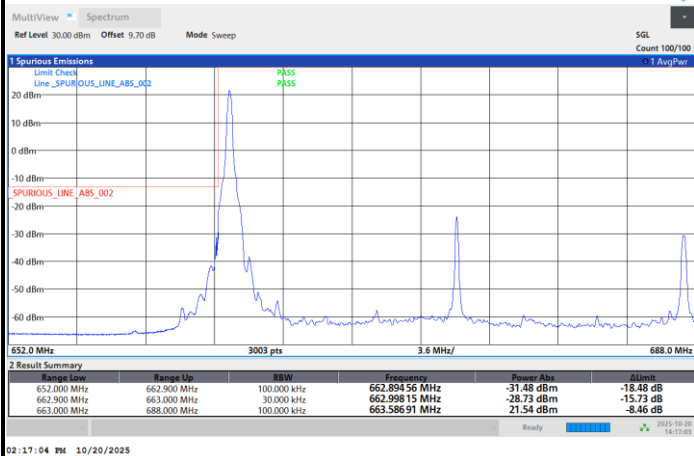


Conducted Band Edge

FR1 n71 / 25MHz / DFT-S OFDM / PI/2 BPSK

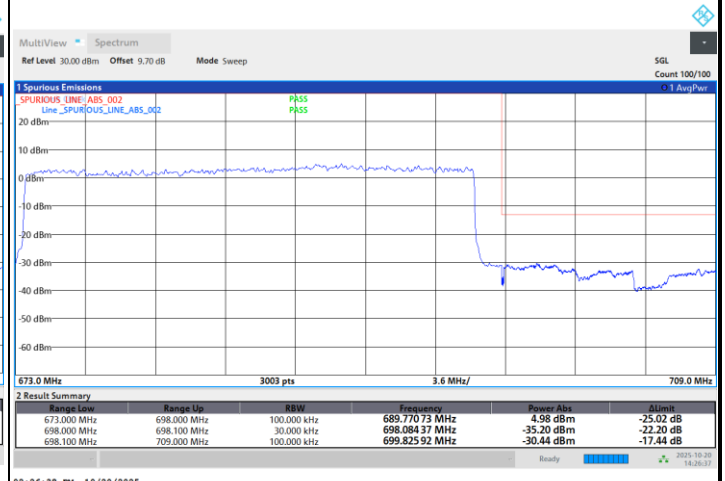
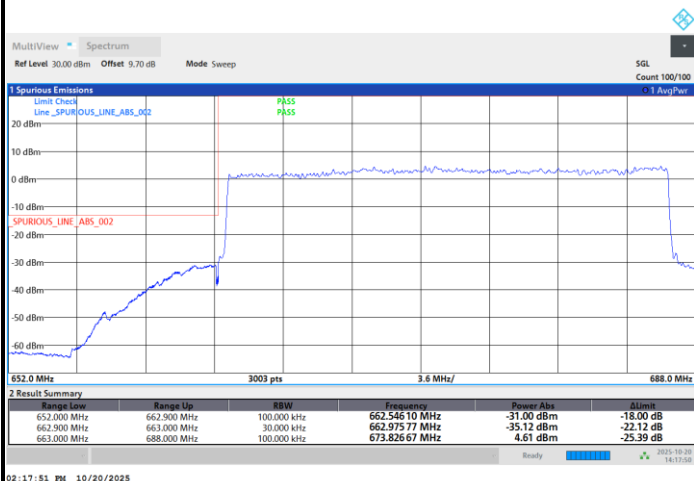
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

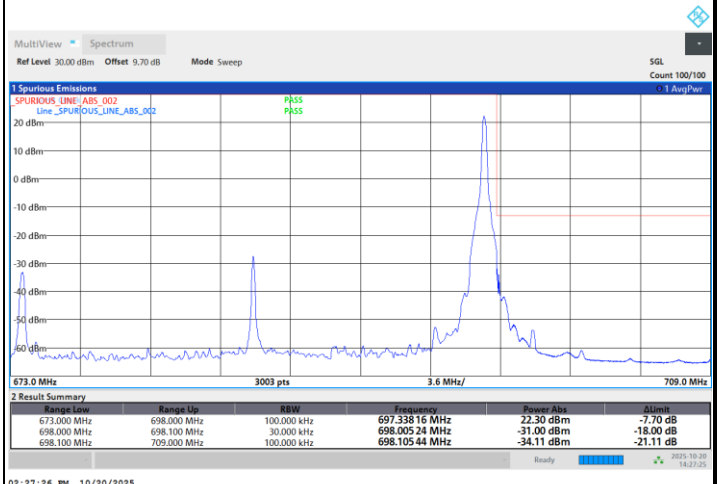
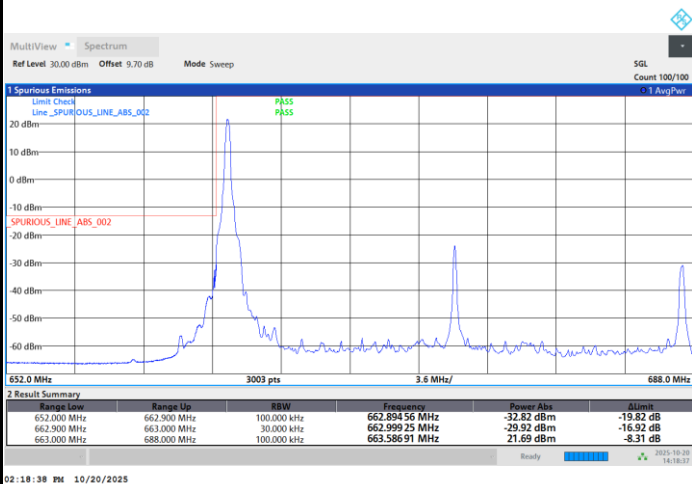




FR1 n71 / 25MHz / DFT-S OFDM / QPSK

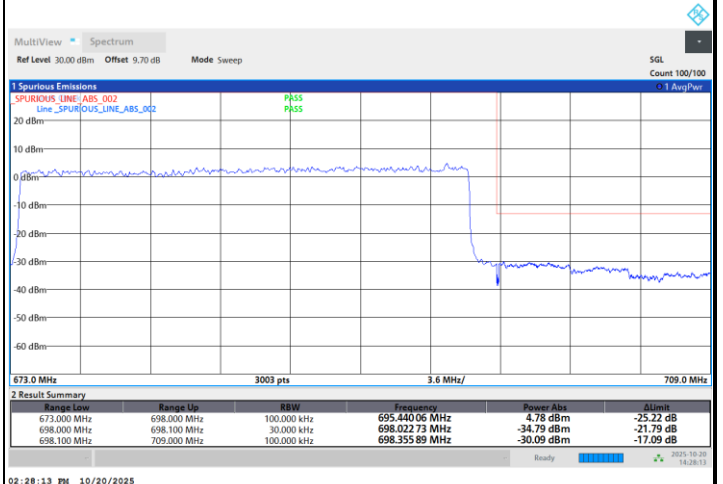
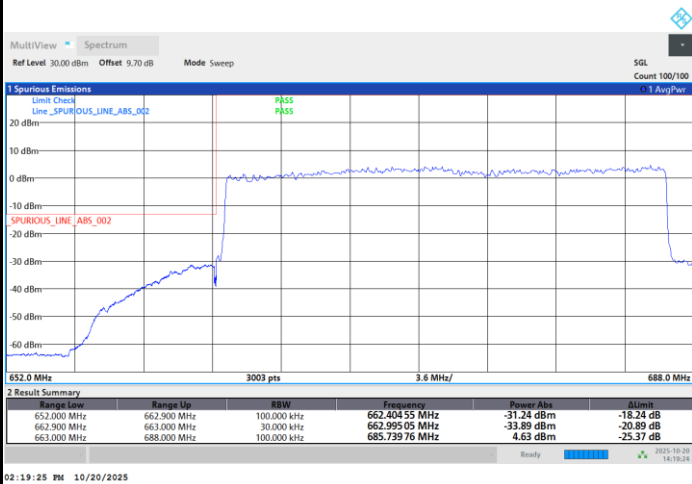
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

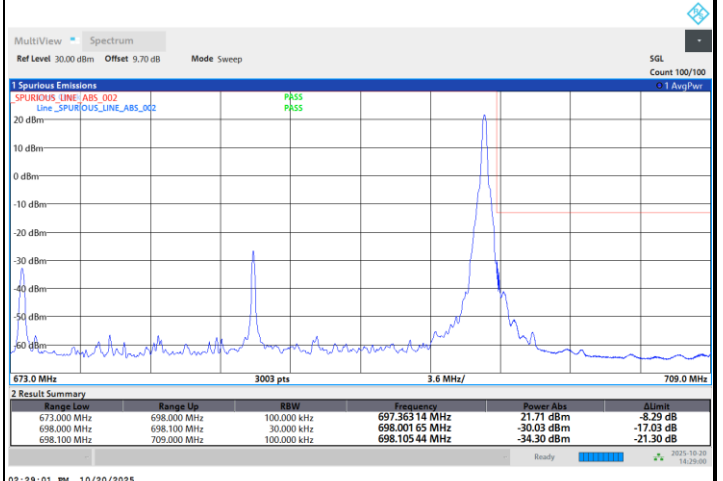
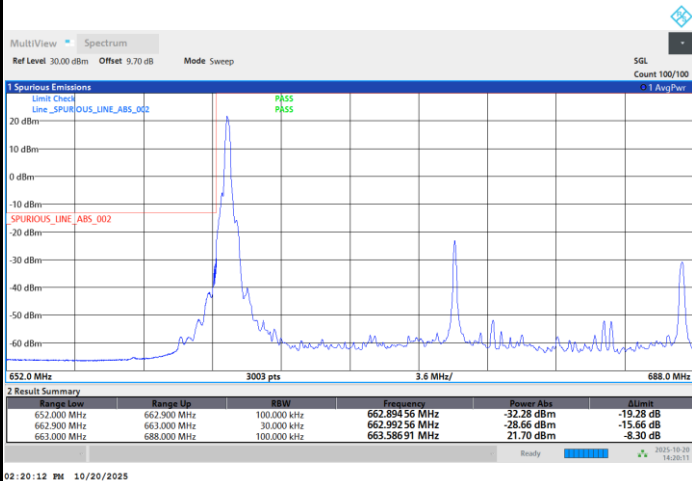




FR1 n71 / 25MHz / DFT-S OFDM / 16QAM

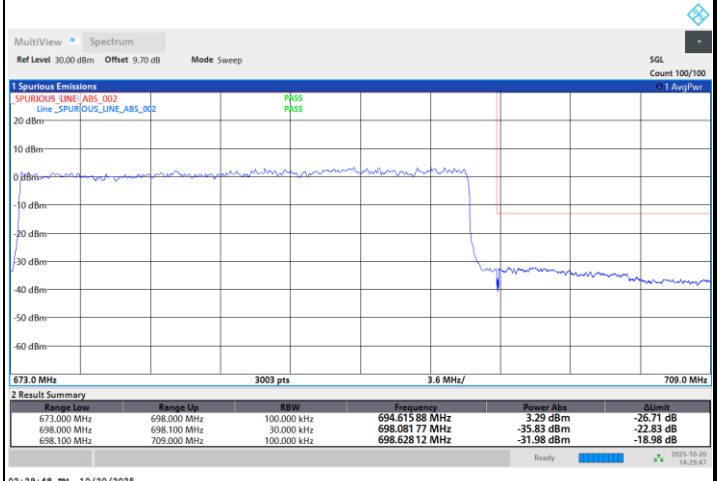
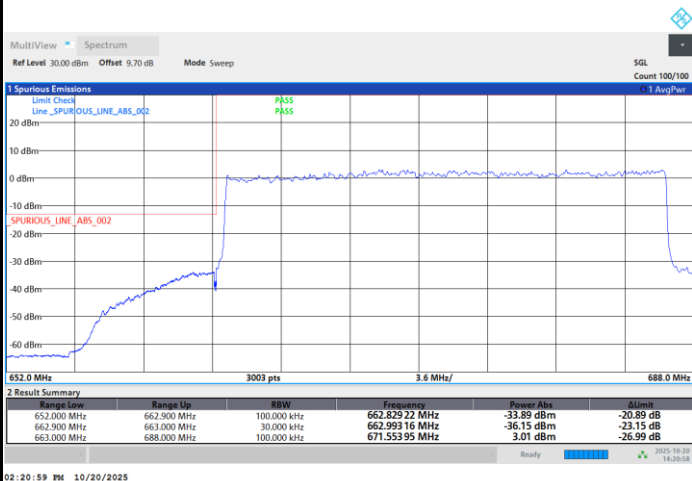
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

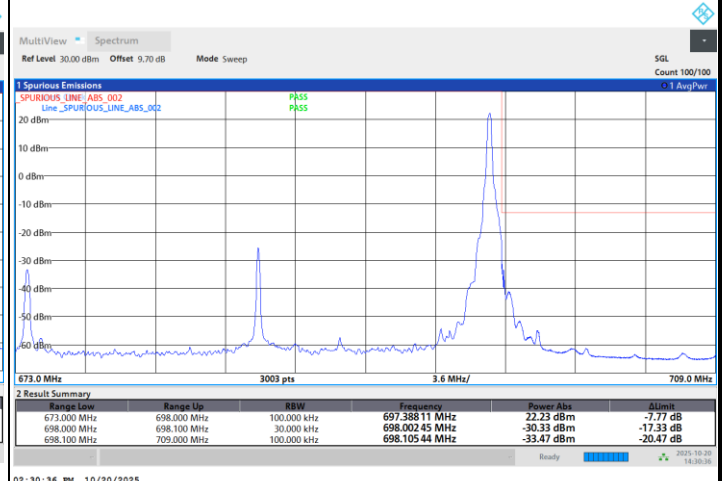
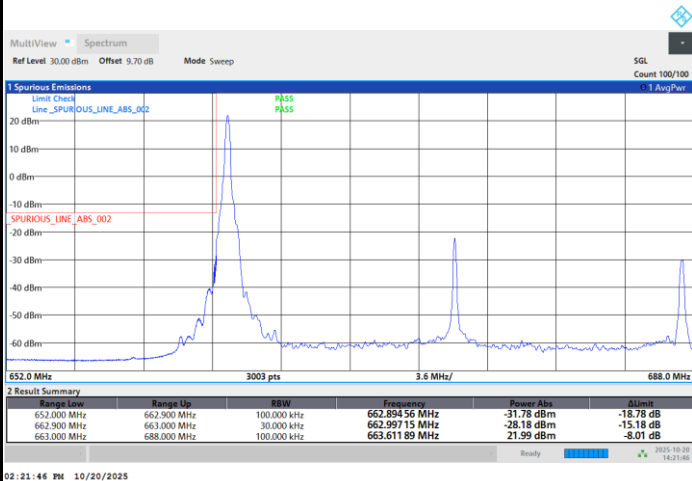




FR1 n71 / 25MHz / DFT-S OFDM / 64QAM

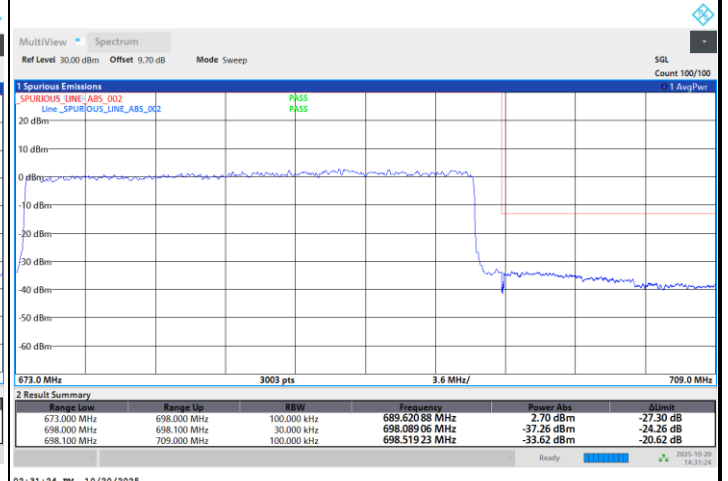
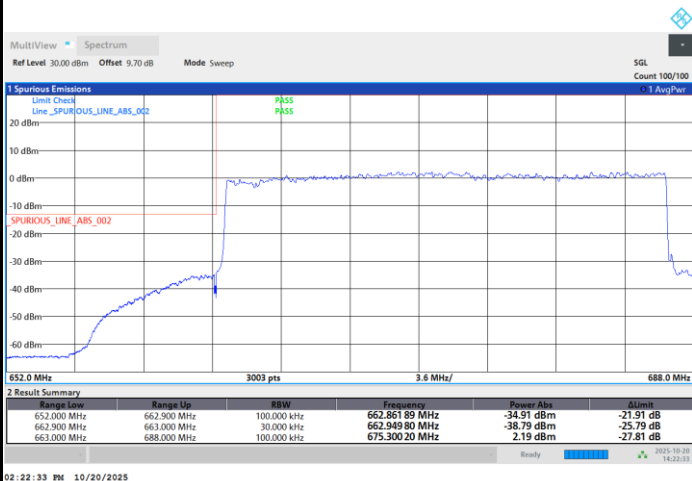
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

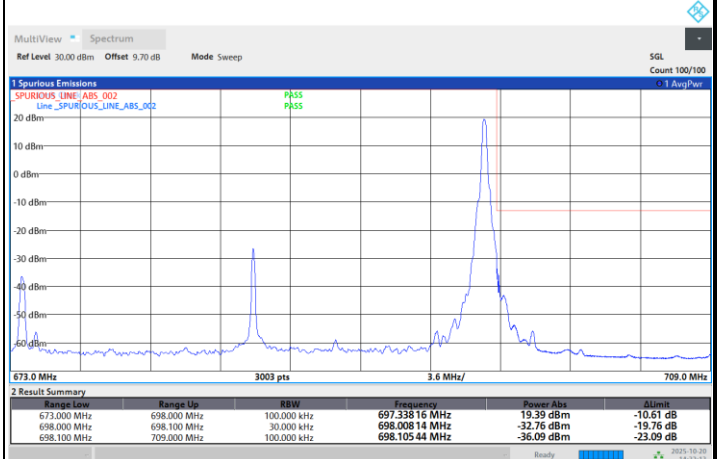
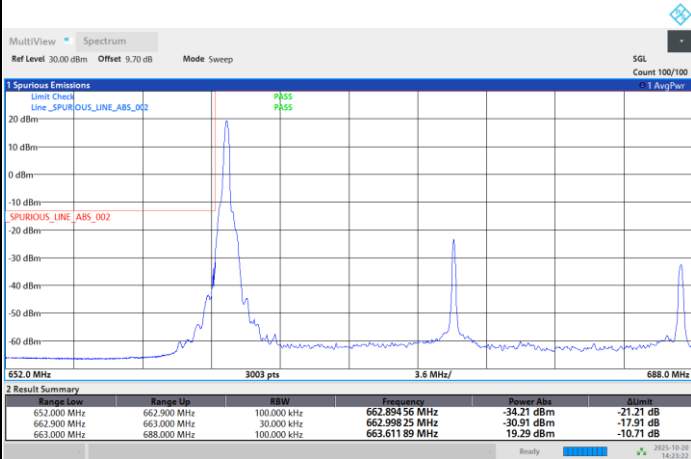




FR1 n71 / 25MHz / DFT-S OFDM / 256QAM

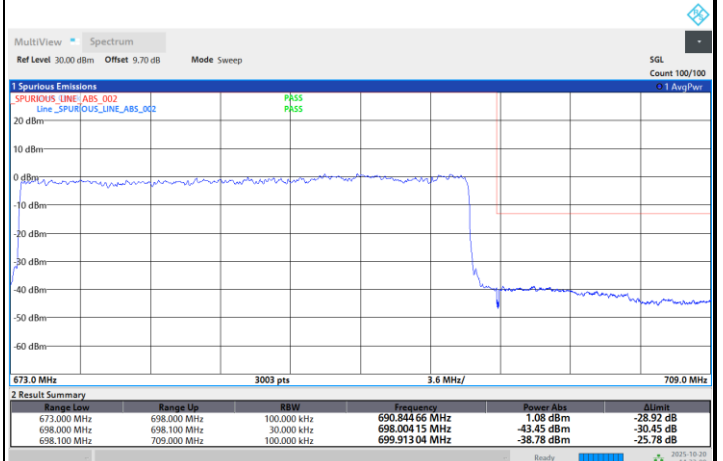
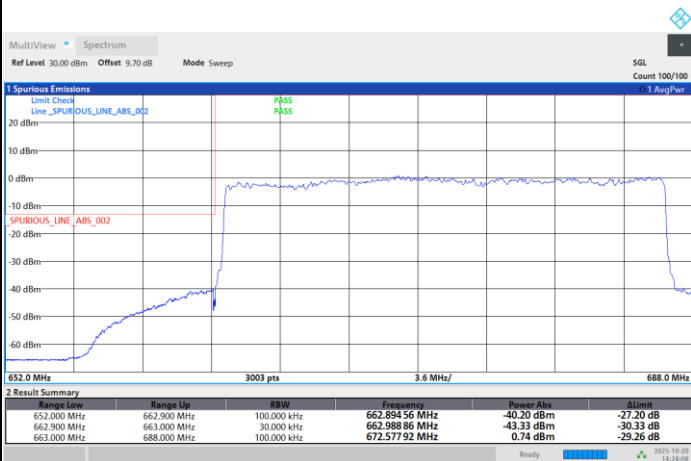
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

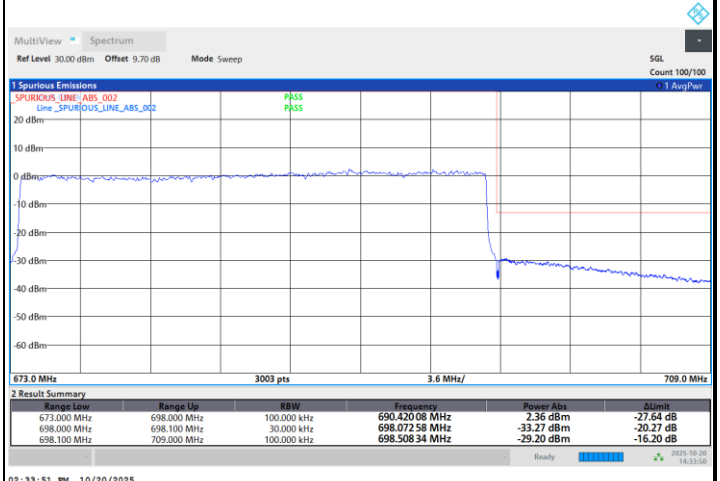
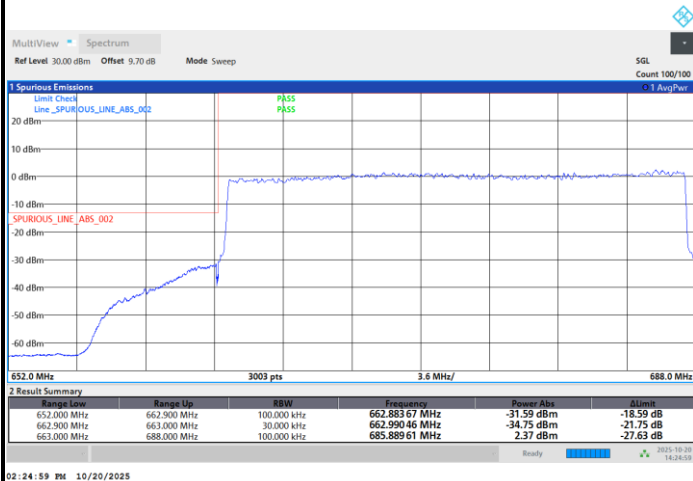




FR1 n71 / 25MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

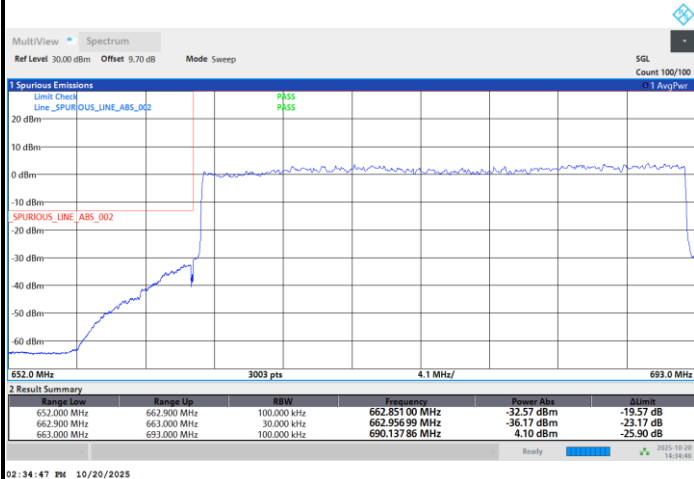
Highest Band Edge



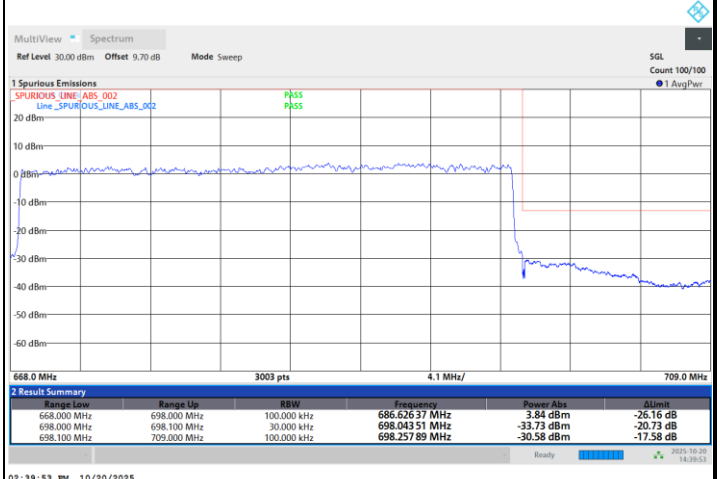


FR1 n71 / 30MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

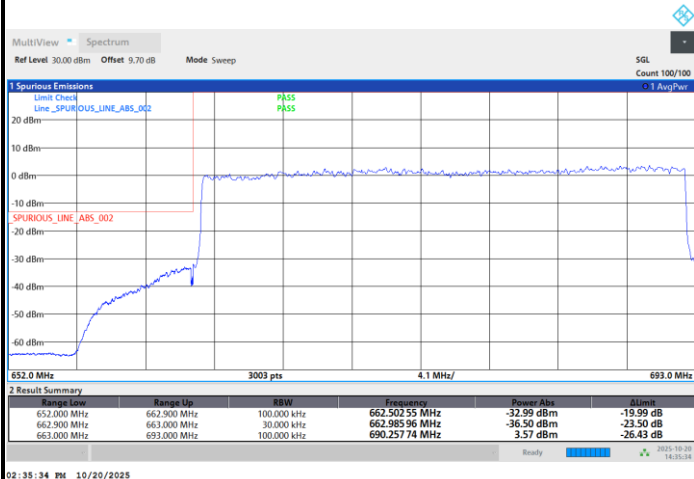


Highest Band Edge

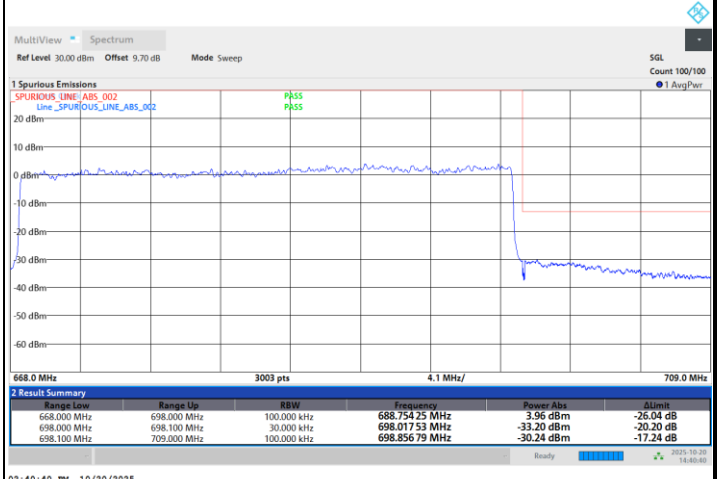


FR1 n71 / 30MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



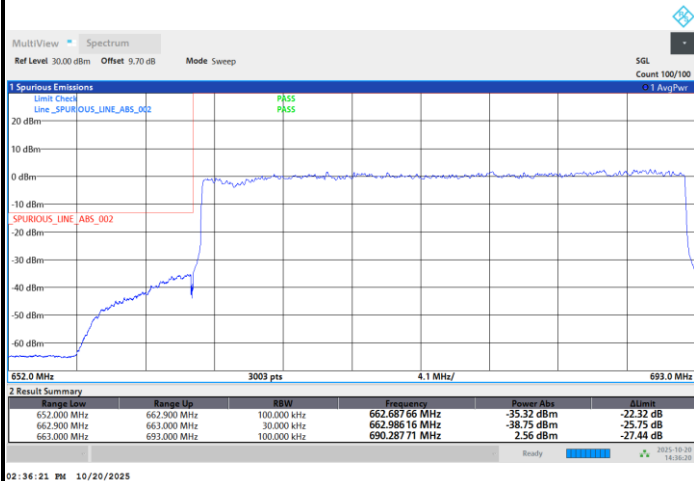
Highest Band Edge



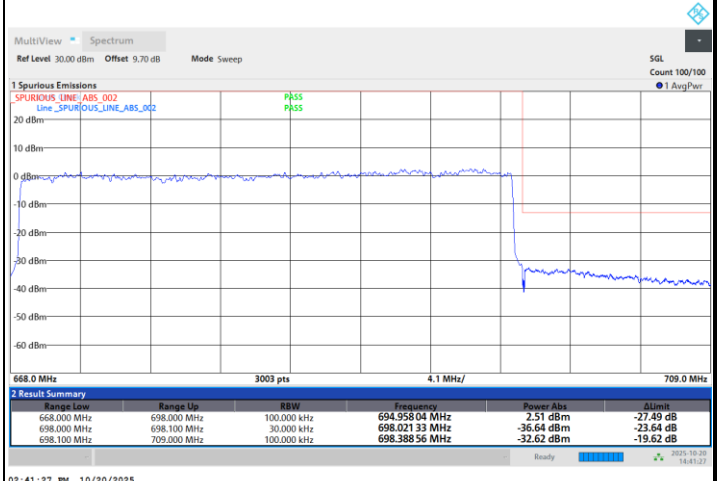


FR1 n71 / 30MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

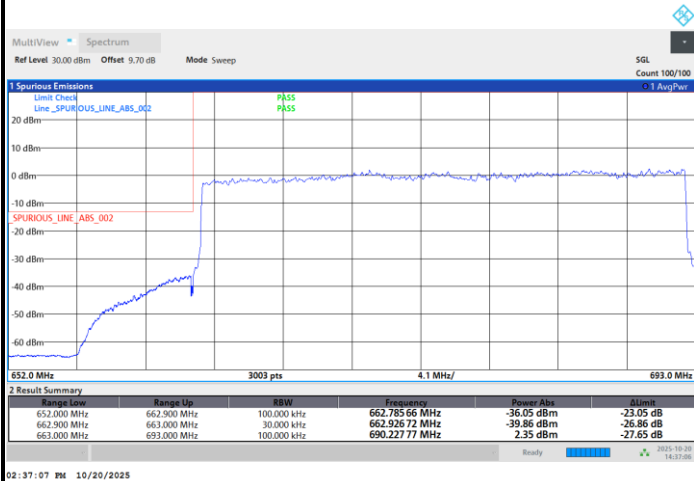


Highest Band Edge

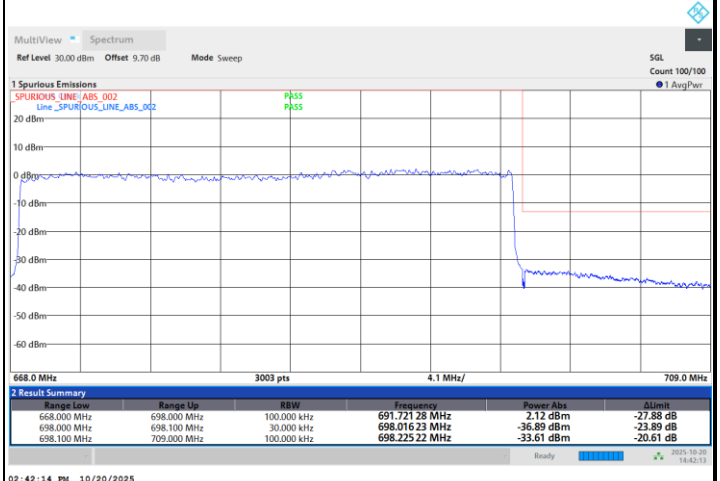


FR1 n71 / 30MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge



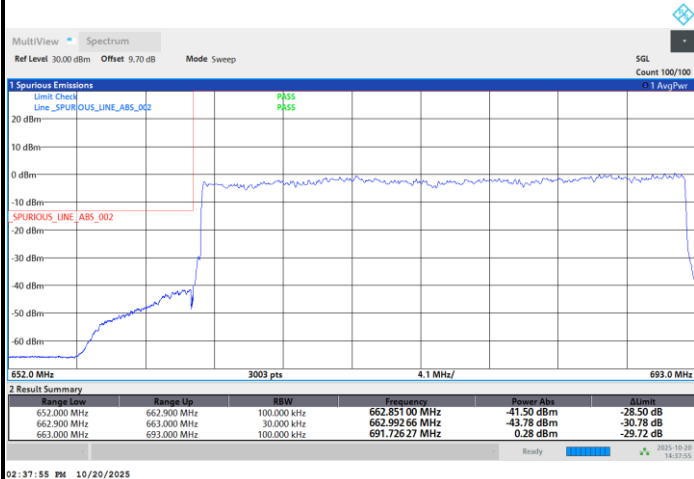
Highest Band Edge



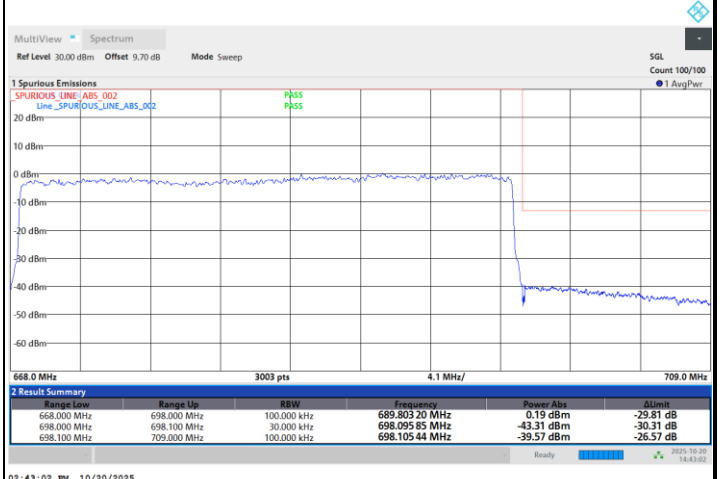


FR1 n71 / 30MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

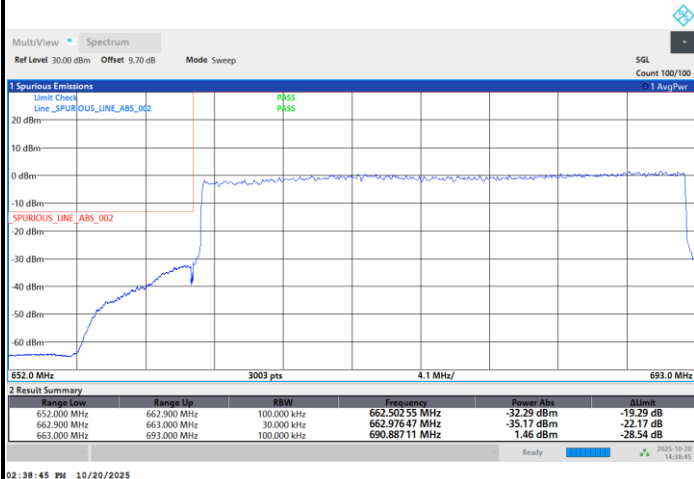


Highest Band Edge

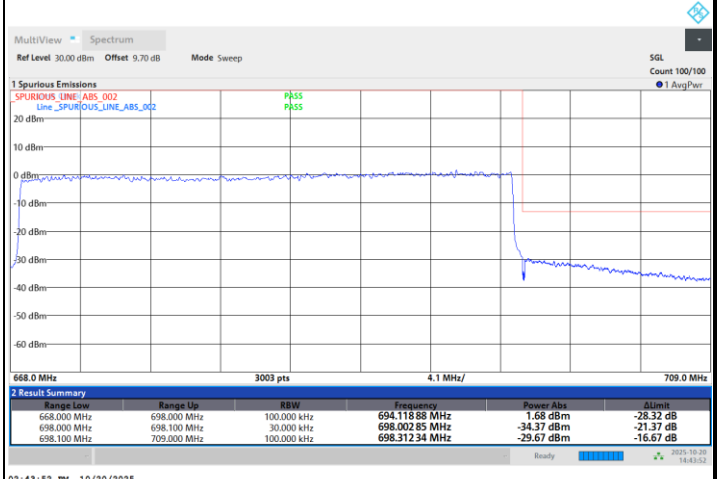


FR1 n71 / 30MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



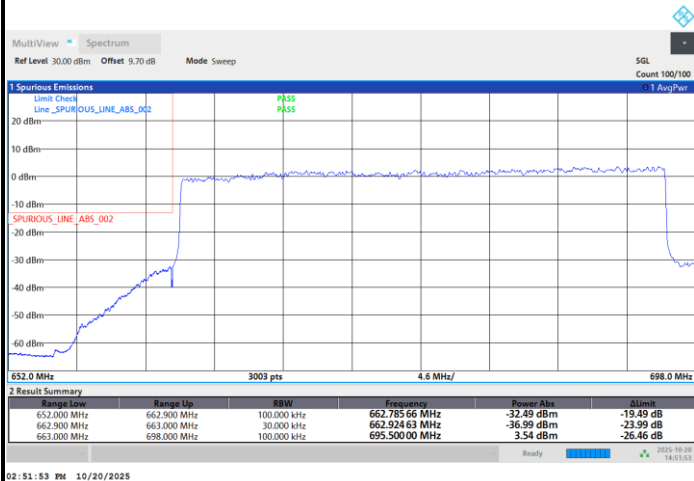
Highest Band Edge



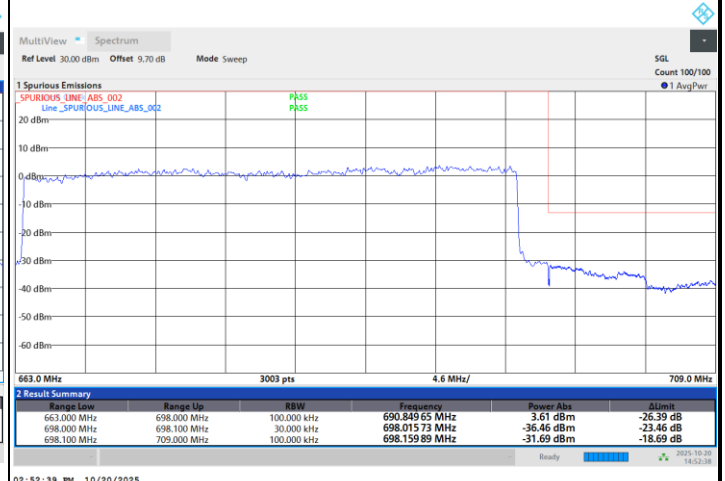


FR1 n71 / 35MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

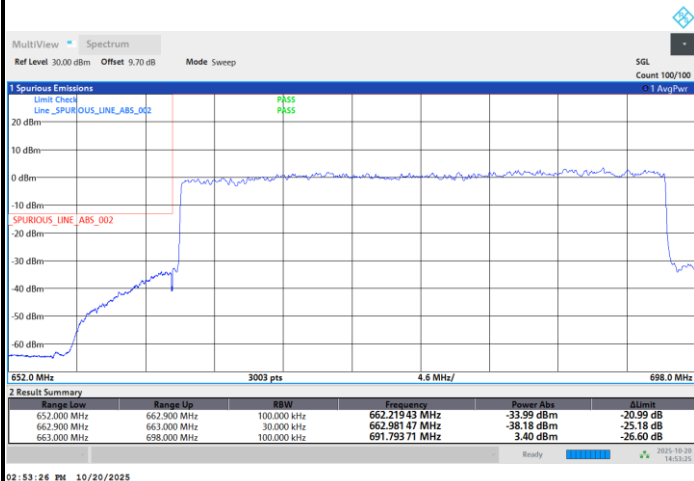


Highest Band Edge

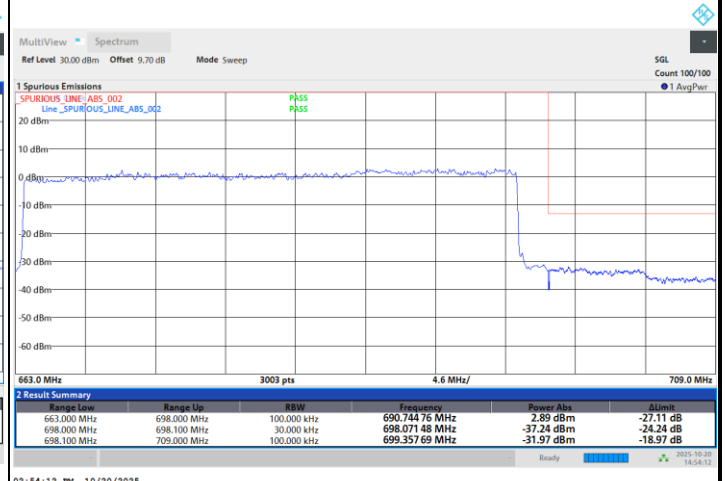


FR1 n71 / 35MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge



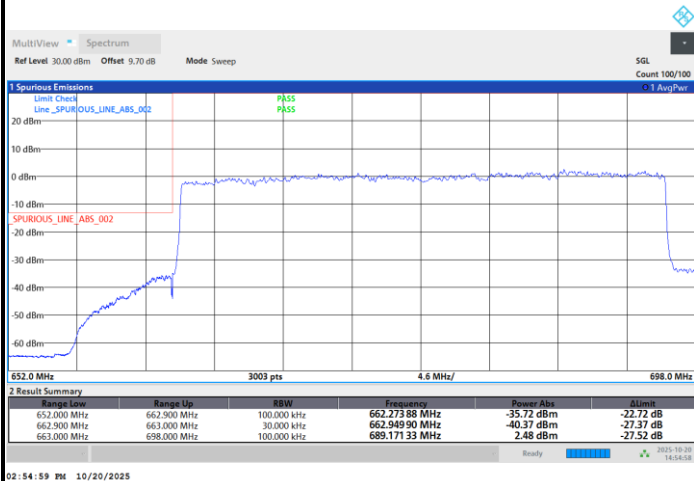
Highest Band Edge



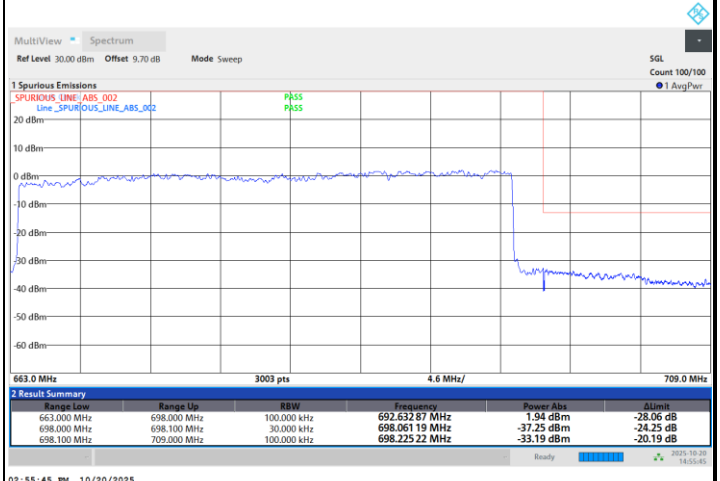


FR1 n71 / 35MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

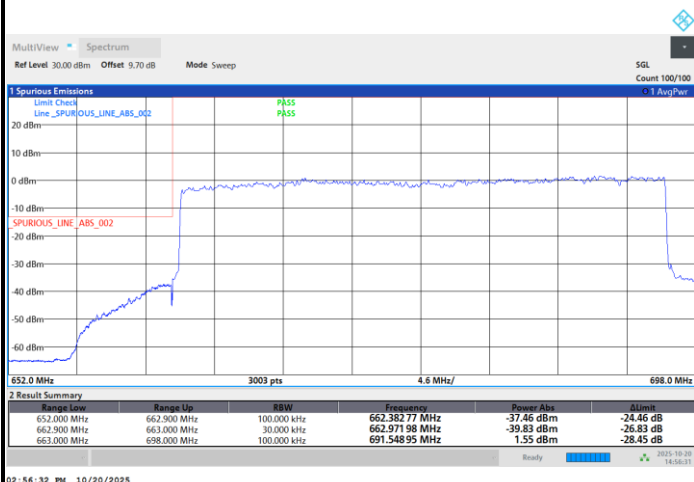


Highest Band Edge

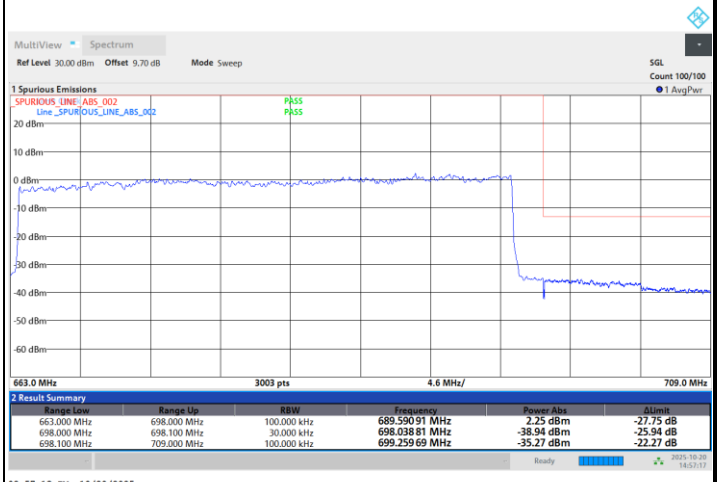


FR1 n71 / 35MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge



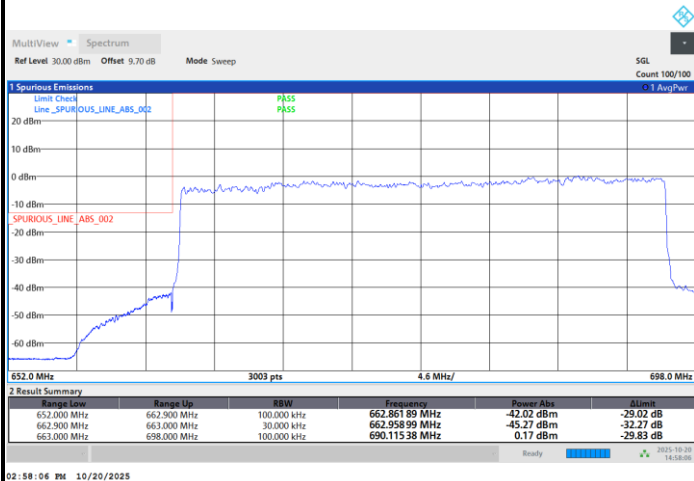
Highest Band Edge



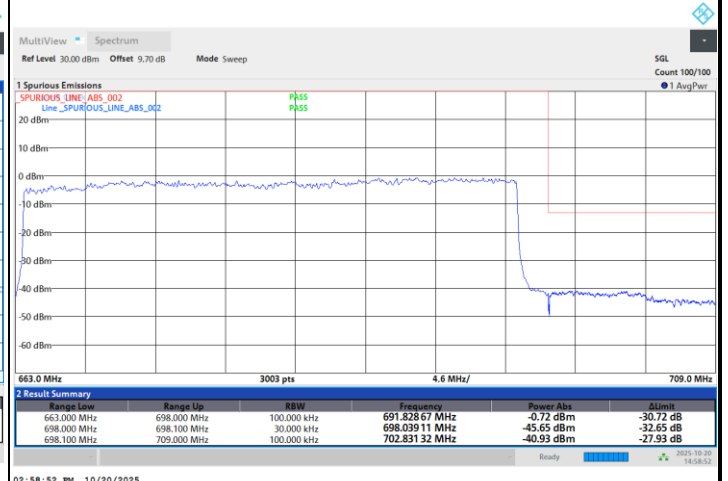


FR1 n71 / 35MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

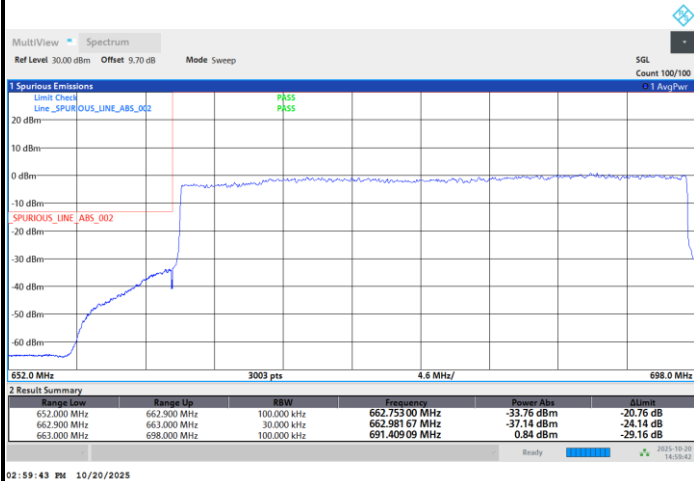


Highest Band Edge

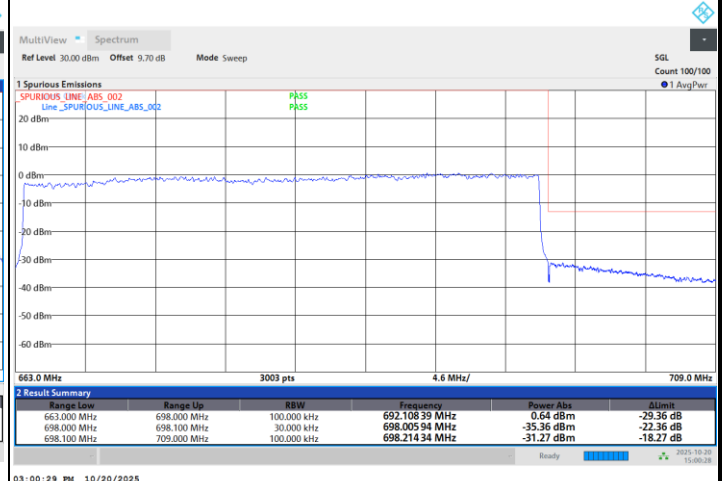


FR1 n71 / 35MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

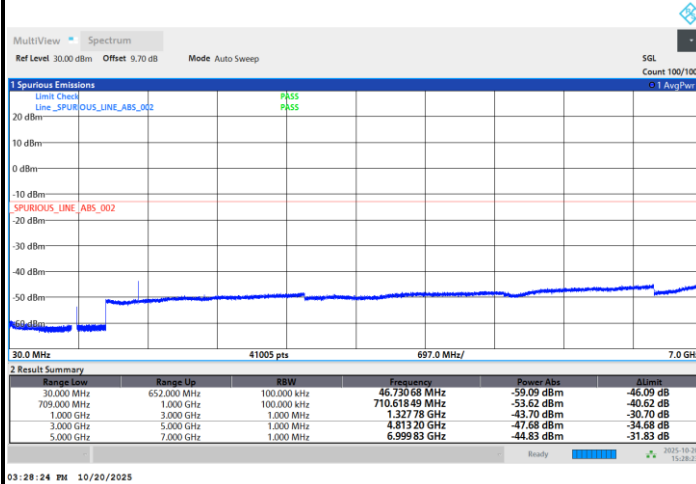




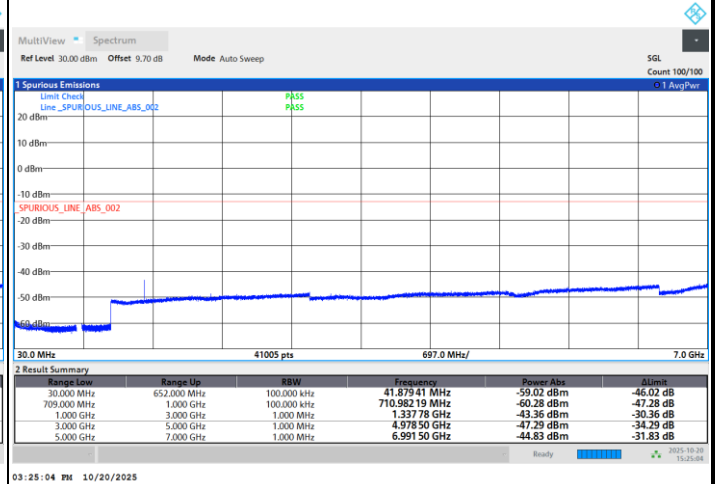
Conducted Spurious Emission

FR1 n71 / 25MHz / DFT-S OFDM / QPSK / 1RB1

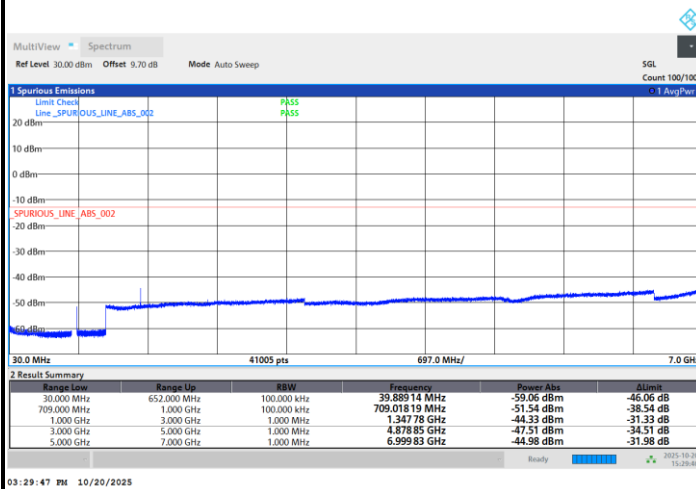
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n71 (BPSK) / Middle Channel 25M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0072	-4.9	Yes	PASS
40	Normal Voltage	0.0050	3.4	Yes	
30	Normal Voltage	0.0131	-8.9	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0015	-1	Yes	
0	Normal Voltage	0.0076	-5.2	Yes	
-10	Normal Voltage	0.0069	-4.7	Yes	
-20	Normal Voltage	0.0046	-3.1	Yes	
-30	Normal Voltage	0.0031	2.1	Yes	
20	Maximum Voltage	0.0082	-5.6	Yes	
20	Normal Voltage	0.0128	-8.7	Yes	
20	Minimum Voltage	0.0081	5.5	Yes	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.



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 27M	NR SA n7	M	10051	-36.60	RMS	38.50	-52.71	0.04	-95.23	72.80	-25.00	-11.60	V	2
2	Part 27M	EN-DC B13+n7	M	10051	-36.83	RMS	38.50	-52.71	0.04	-95.23	72.57	-25.00	-11.83	V	0+2
3	Part 27M	NR SA n41	M	10292	-34.75	RMS	38.62	-52.41	0.05	-95.23	74.22	-25.00	-9.75	V	2
4	Part 27M	EN-DC B71+n41	M	10292	-41.53	RMS	38.62	-52.41	0.05	-95.23	67.44	-25.00	-16.53	V	0+2
9	Part 27M	NR SA n7 MIMO	L	10011	-41.40	RMS	38.34	-52.76	0.04	-95.23	68.21	-25.00	-16.40	V	2+0
10	Part 27M	NR SA n41 MIMO	L	9994	-29.22	RMS	38.29	-52.77	0.04	-95.23	80.45	-25.00	-4.22	V	2+0
5	Part 27L	NR SA n66	M	5175	-35.13	RMS	33.35	-56.18	0.80	-95.23	82.13	-13.00	-22.13	V	2
6	Part 27L	EN-DC B48+n66	M	6900	-59.42	RMS	36.00	-53.74	0.90	-95.23	52.65	-13.00	-46.42	H	2+0
11	Part 27L	NR SA n66 MIMO	M	5175	-31.79	RMS	33.35	-56.18	0.80	-95.23	85.47	-13.00	-18.79	H	2+0
7	Part 27N	NR SA n71	M	2660	-51.72	RMS	28.60	-27.11	0.17	-95.23	41.85	-13.00	-38.72	V	2
8	Part 27N	EN-DC B48+n71	M	1995	-55.63	RMS	26.80	-27.64	0.31	-95.23	40.13	-13.00	-42.63	V	2+0
12	Part 27N	NR SA n71 MIMO	M	2660	-55.30	RMS	28.60	-27.11	0.17	-95.23	38.27	-13.00	-42.30	V	2+0

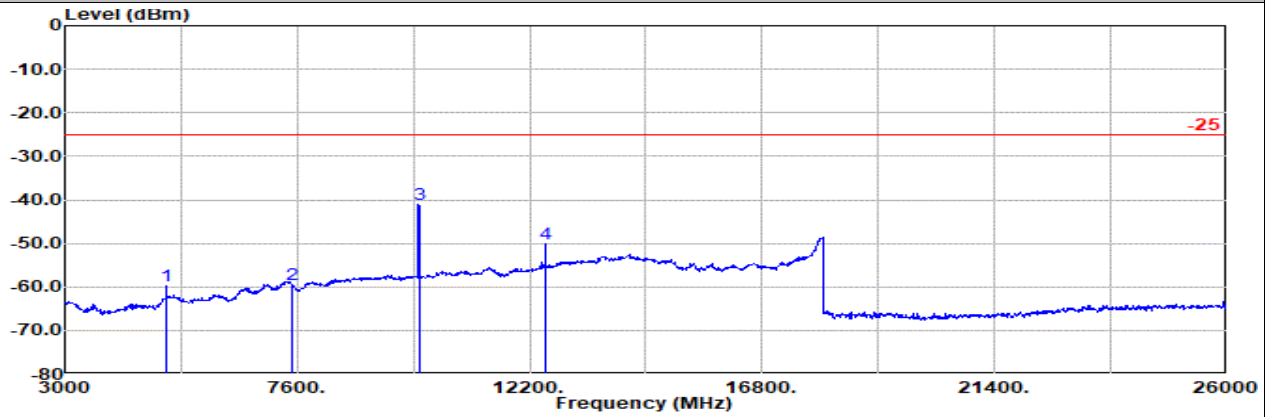


Ant. 2

Part 27M Mode 1

NR SA n7 50M Ch505000 1RB1 BPSK

L

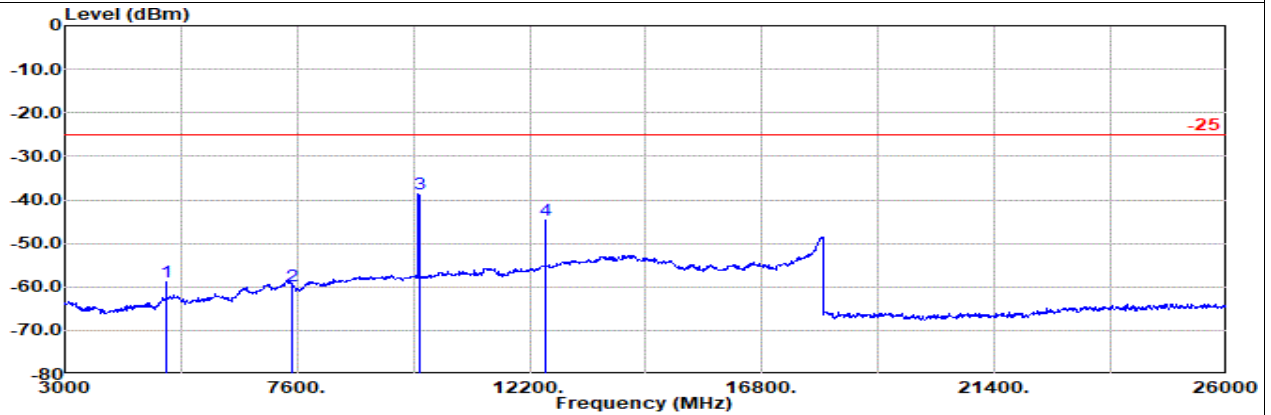


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Horizontal

: NR SA n7 50M Ch505000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit	Margin Pol	
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	5006.00	-59.78	RMS	33.59	-56.62	0.64	-95.23	57.84	-25.00	-34.78	Horizontal
2	7508.00	-59.48	RMS	36.57	-53.40	0.14	-95.23	52.44	-25.00	-34.48	Horizontal
3	10011.00	-41.04	RMS	38.34	-52.76	0.04	-95.23	68.57	-25.00	-16.04	Horizontal
4	12514.00	-50.12	RMS	39.10	-48.93	0.19	-95.23	54.75	-25.00	-25.12	Horizontal



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Vertical

: NR SA n7 50M Ch505000 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit	Margin Pol	
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	5006.00	-58.99	RMS	33.59	-56.62	0.64	-95.23	58.63	-25.00	-33.99	Vertical
2	7508.00	-59.72	RMS	36.57	-53.40	0.14	-95.23	52.20	-25.00	-34.72	Vertical
3	10011.00	-38.60	RMS	38.34	-52.76	0.04	-95.23	71.01	-25.00	-13.60	Vertical
4	12510.00	-44.61	RMS	39.10	-48.93	0.19	-95.23	60.26	-25.00	-19.61	Vertical

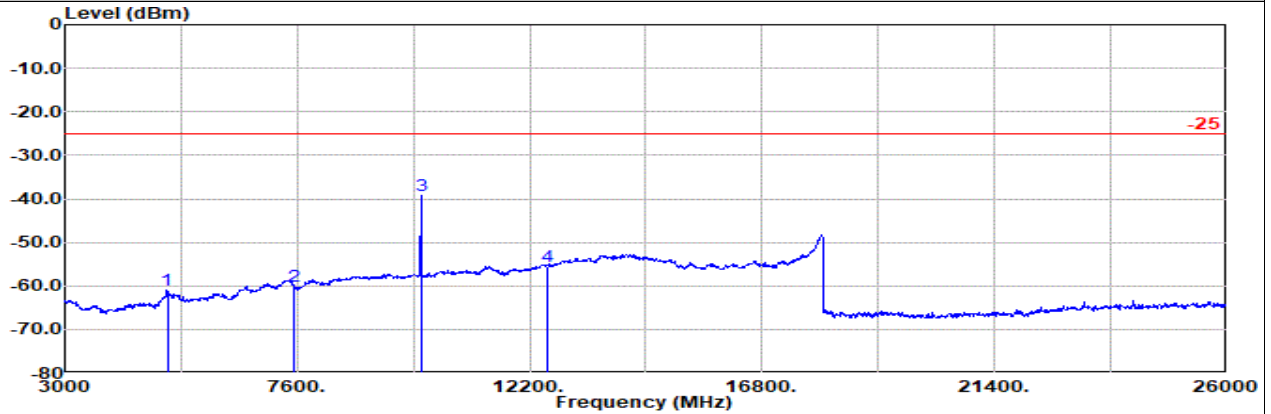


Ant. 2

Part 27M Mode 1

NR SA n7 50M Ch507000 1RB1 BPSK

M

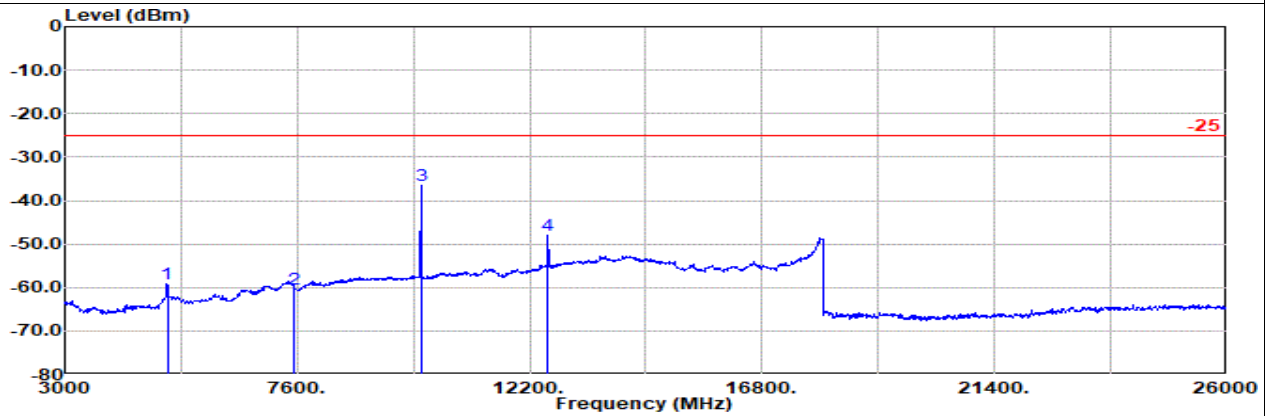


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Horizontal

: NR SA n7 50M Ch507000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	5026.00	-60.92	RMS	33.55	-56.57	0.66	-95.23	56.67	-25.00	-35.92	Horizontal
2	7538.00	-60.20	RMS	36.45	-53.41	0.11	-95.23	51.88	-25.00	-35.20	Horizontal
3	10051.00	-39.16	RMS	38.50	-52.71	0.04	-95.23	70.24	-25.00	-14.16	Horizontal
4	12564.00	-55.50	RMS	39.14	-48.94	0.20	-95.23	49.33	-25.00	-30.50	Horizontal



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Vertical

: NR SA n7 50M Ch507000 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	5026.00	-59.21	RMS	33.55	-56.57	0.66	-95.23	58.38	-25.00	-34.21	Vertical
2	7538.00	-60.23	RMS	36.45	-53.41	0.11	-95.23	51.85	-25.00	-35.23	Vertical
3	10051.00	-36.60	RMS	38.50	-52.71	0.04	-95.23	72.80	-25.00	-11.60	Vertical
4	12564.00	-47.92	RMS	39.13	-48.94	0.20	-95.23	56.92	-25.00	-22.92	Vertical

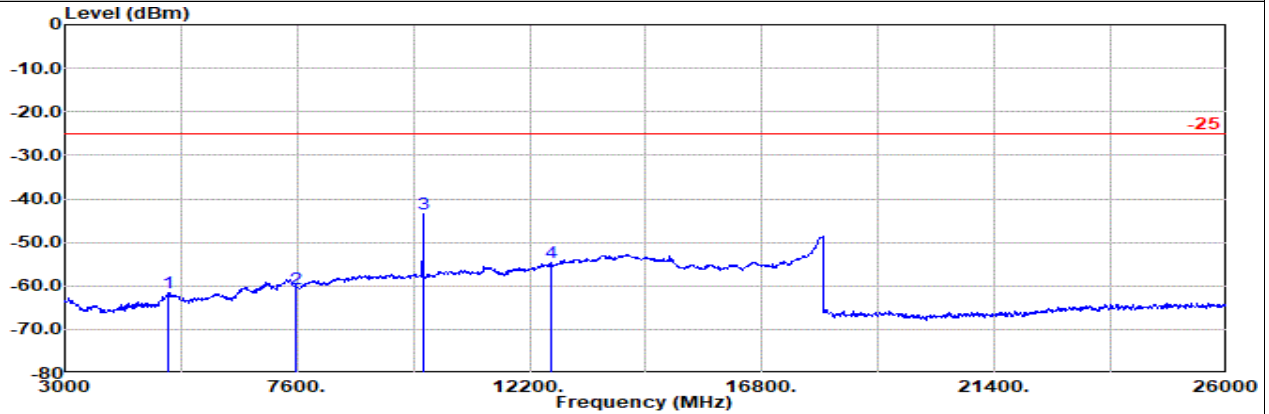


Ant. 2

Part 27M Mode 1

NR SA n7 50M Ch509000 1RB1 BPSK

H

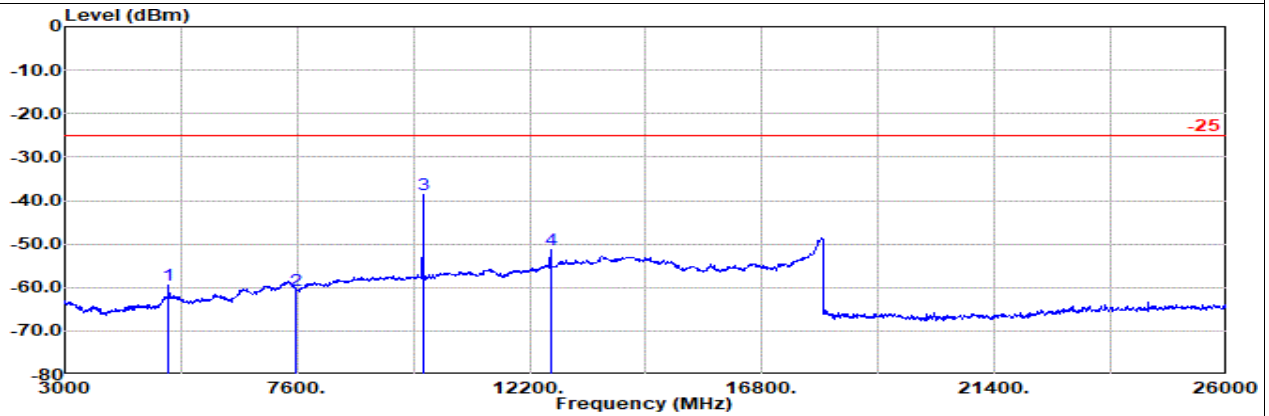


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Horizontal

NR SA n7 50M Ch509000 1RB1 BPSK

	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	5046.00	-61.61	RMS	33.51	-56.52	0.68	-95.23	55.95	-25.00	-36.61	Horizontal
2	7568.00	-60.60	RMS	36.40	-53.42	0.07	-95.23	51.58	-25.00	-35.60	Horizontal
3	10091.00	-43.41	RMS	38.42	-52.66	0.04	-95.23	66.02	-25.00	-18.41	Horizontal
4	12613.00	-54.75	RMS	39.23	-48.95	0.21	-95.23	49.99	-25.00	-29.75	Horizontal



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Vertical

NR SA n7 50M Ch509000 1RB1 BPSK

	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	5046.00	-59.57	RMS	33.51	-56.52	0.68	-95.23	57.99	-25.00	-34.57	Vertical
2	7568.00	-60.80	RMS	36.40	-53.42	0.07	-95.23	51.38	-25.00	-35.80	Vertical
3	10091.00	-38.55	RMS	38.42	-52.66	0.04	-95.23	70.88	-25.00	-13.55	Vertical
4	12613.00	-51.35	RMS	39.23	-48.95	0.21	-95.23	53.39	-25.00	-26.35	Vertical

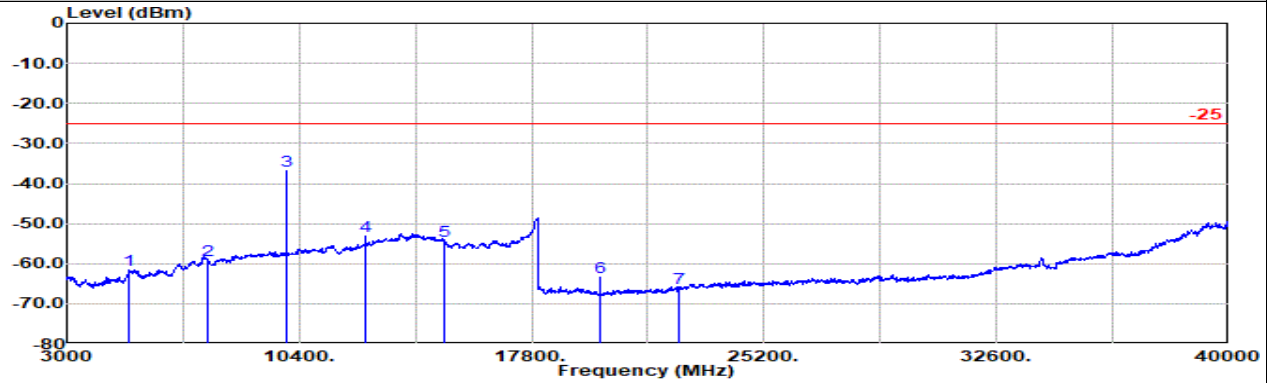


Ant. 2

Part 27M Mode 3

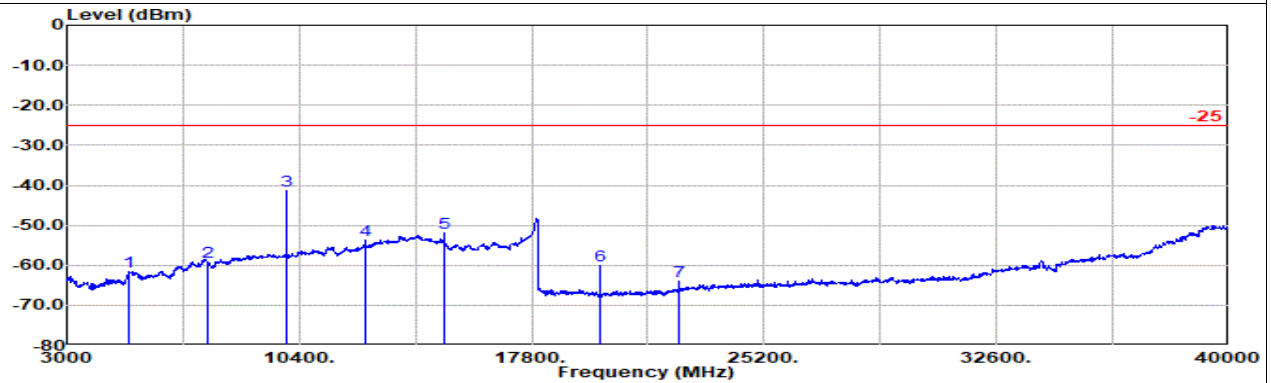
NR SA n41 (PC2) 45M Ch503700 1RB1 BPSK

L



Site : 03CH12-HY
Condition: -25 1m BBHA9170_1223_250702 Horizontal
: NR SA n41 45M Ch503700 1RB1 BPSK

	Freq Level		Detector	Ant Factor		Amp\Cb Filter 1		EIRPCF		Readin Limit		Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dB	dBuV	dBm		
1	4997.00	-61.73	RMS	33.59	-56.65	0.63	-95.23	55.93	-25.00	-36.73	Horizontal		
2	7496.00	-59.16	RMS	36.61	-53.40	0.15	-95.23	52.71	-25.00	-34.16	Horizontal		
3	9994.00	-36.85	RMS	38.29	-52.77	0.04	-95.23	72.82	-25.00	-11.85	Horizontal		
4	12495.00	-53.01	RMS	39.10	-48.94	0.19	-95.23	51.87	-25.00	-28.01	Horizontal		
5	15000.00	-54.31	RMS	39.90	-48.52	0.34	-95.23	49.20	-25.00	-29.31	Horizontal		
6	19988.00	-63.46	RMS	37.98	-32.75	-9.54	-95.23	36.08	-25.00	-38.46	Horizontal		
7	22486.00	-66.11	RMS	38.64	-31.37	-9.54	-95.23	31.39	-25.00	-41.11	Horizontal		



Site : 03CH12-HY
Condition: -25 1m BBHA9170_1223_250702 Vertical
: NR SA n41 45M Ch503700 1RB1 BPSK

	Freq Level		Detector	Ant Factor		Amp\Cb Filter 1		EIRPCF		Readin Limit		Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dB	dB	dBuV	dBm		
1	4997.00	-61.64	RMS	33.59	-56.65	0.63	-95.23	56.02	-25.00	-36.64	Vertical		
2	7496.00	-59.27	RMS	36.61	-53.40	0.15	-95.23	52.60	-25.00	-34.27	Vertical		
3	9994.00	-41.30	RMS	38.29	-52.77	0.04	-95.23	68.37	-25.00	-16.30	Vertical		
4	12495.00	-53.70	RMS	39.10	-48.94	0.19	-95.23	51.18	-25.00	-28.70	Vertical		
5	15000.00	-51.95	RMS	39.90	-48.52	0.34	-95.23	51.56	-25.00	-26.95	Vertical		
6	19988.00	-59.99	RMS	37.98	-32.75	-9.54	-95.23	39.55	-25.00	-34.99	Vertical		
7	22486.00	-63.89	RMS	38.64	-31.37	-9.54	-95.23	33.61	-25.00	-38.89	Vertical		

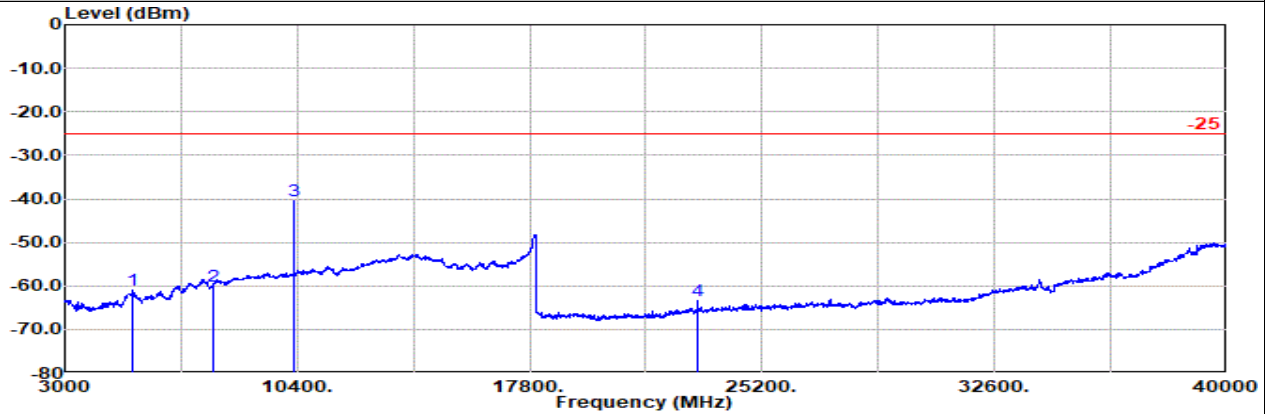


Ant. 2

Part 27M Mode 3

NR SA n41 (PC2) 45M Ch518598 1RB1 BPSK

M

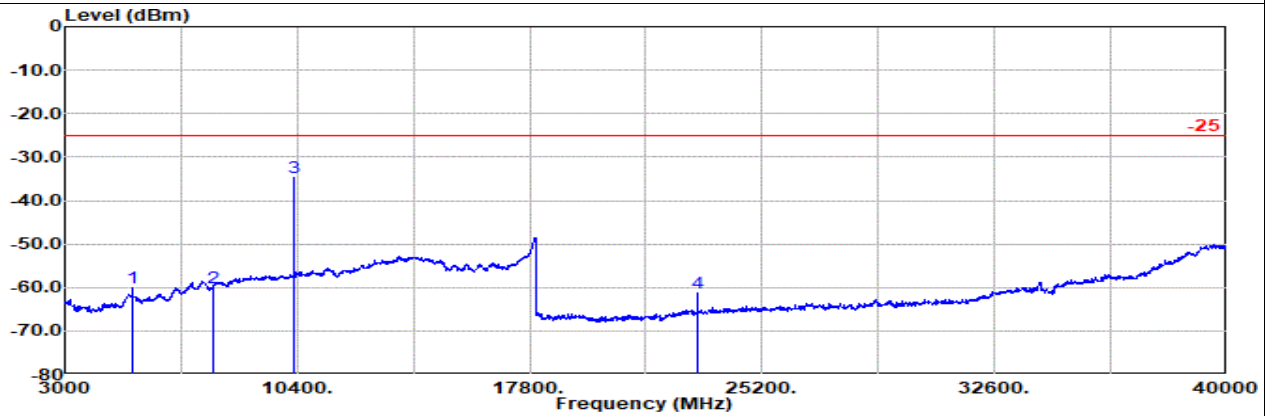


Site : 03CH12-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

NR SA n41 45M Ch518598 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	5146.00	-60.93	RMS	33.29	-56.26	0.78	-95.23	56.49	-25.00	-35.93	Horizontal
2	7719.00	-60.18	RMS	36.68	-53.40	0.14	-95.23	51.63	-25.00	-35.18	Horizontal
3	10292.00	-40.35	RMS	38.62	-52.41	0.05	-95.23	68.62	-25.00	-15.35	Horizontal
4	23157.00	-63.30	RMS	39.19	-30.98	-9.54	-95.23	33.26	-25.00	-38.30	Horizontal



Site : 03CH12-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

NR SA n41 45M Ch518598 1RB1 BPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dBuV	dBm	dB	
1	5146.00	-60.05	RMS	33.29	-56.26	0.78	-95.23	57.37	-25.00	-35.05	Vertical
2	7719.00	-60.19	RMS	36.68	-53.40	0.14	-95.23	51.62	-25.00	-35.19	Vertical
3	10292.00	-34.75	RMS	38.62	-52.41	0.05	-95.23	74.22	-25.00	-9.75	Vertical
4	23157.00	-61.23	RMS	39.19	-30.98	-9.54	-95.23	35.33	-25.00	-36.23	Vertical

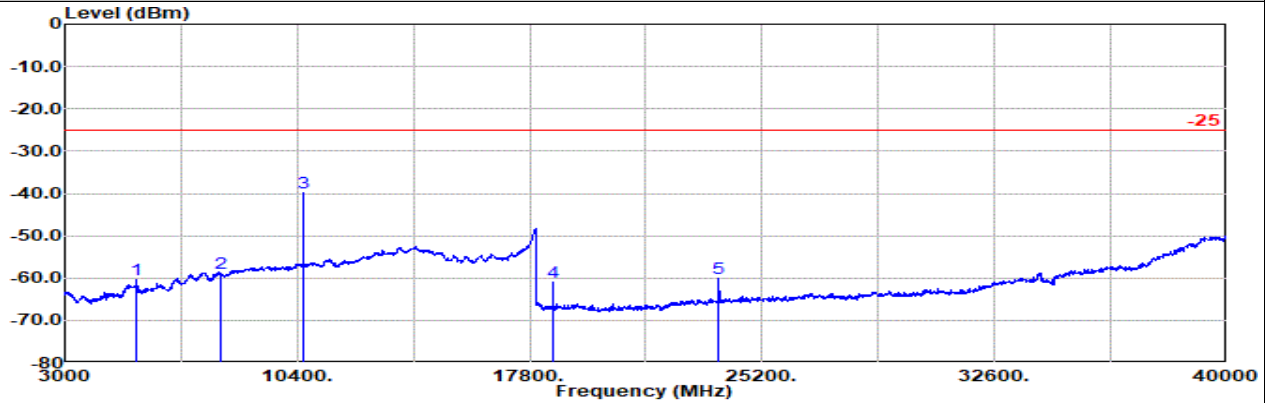


Ant. 2

Part 27M Mode 3

NR SA n41 (PC2) 45M Ch533496 1RB1 BPSK

H

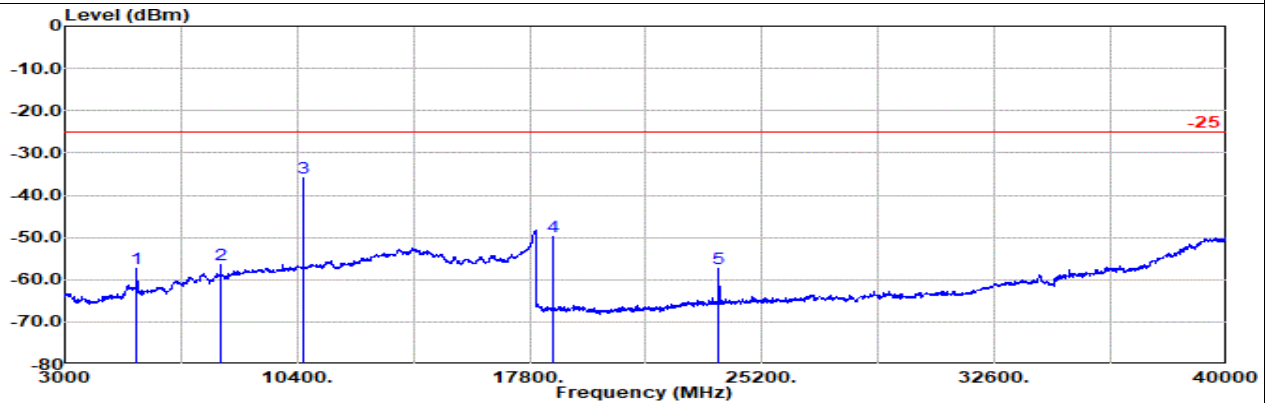


Site : 03CH12-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: NR SA n41 45M Ch533496 1RB1 BPSK

	Freq		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5295.00	-60.41	RMS		33.12	-55.88	0.65	-95.23	56.93	-25.00	-35.41	Horizontal
2	7943.00	-58.76	RMS		37.10	-53.49	0.16	-95.23	52.70	-25.00	-33.76	Horizontal
3	10590.00	-39.92	RMS		39.14	-52.05	0.06	-95.23	68.16	-25.00	-14.92	Horizontal
4	18532.00	-61.06	RMS		38.10	-34.10	-9.54	-95.23	39.71	-25.00	-36.06	Horizontal
5	23827.00	-60.17	RMS		39.00	-30.60	-9.54	-95.23	36.20	-25.00	-35.17	Horizontal



Site : 03CH12-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: NR SA n41 45M Ch533496 1RB1 BPSK

	Freq		Detector	Ant Factor	Amp\Cb		Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB	
1	5295.00	-57.36	RMS		33.12	-55.88	0.65	-95.23	59.98	-25.00	-32.36	Vertical
2	7943.00	-56.34	RMS		37.10	-53.49	0.16	-95.23	55.12	-25.00	-31.34	Vertical
3	10590.00	-35.87	RMS		39.14	-52.05	0.06	-95.23	72.21	-25.00	-10.87	Vertical
4	18532.00	-49.77	RMS		38.10	-34.10	-9.54	-95.23	51.00	-25.00	-24.77	Vertical
5	23827.00	-57.45	RMS		39.00	-30.60	-9.54	-95.23	38.92	-25.00	-32.45	Vertical

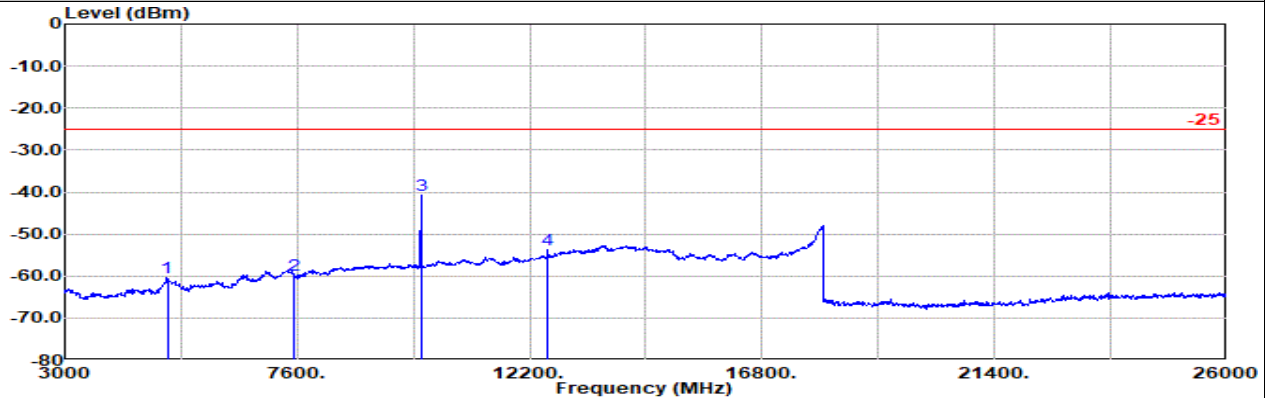


Ant. 0+2

Part 27M Mode 2

EN-DC B13+n7 10M + 50M Ch23230 1RB0 QPSK + Ch507000 1RB1 BPSK

M



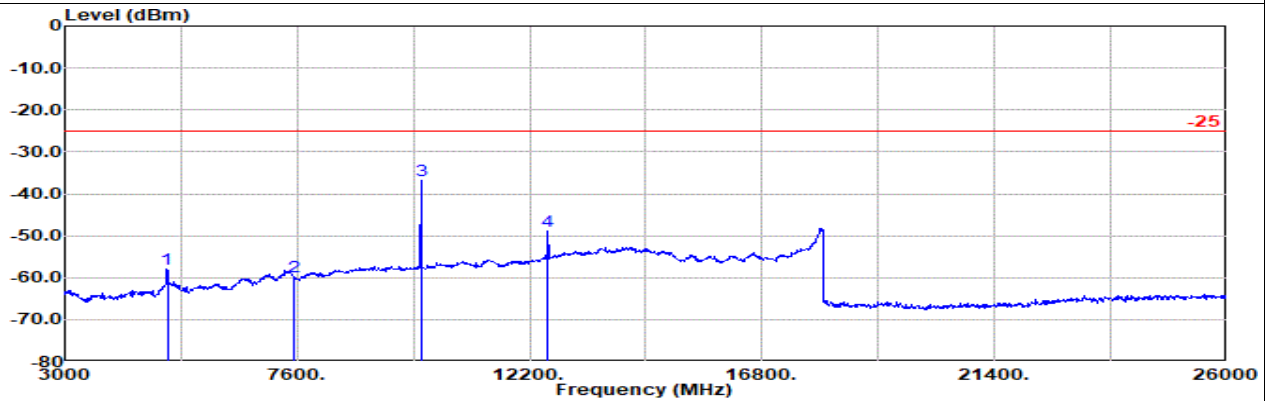
Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Horizontal

: LTE Band 13 10M Ch23230 1RB0 QPSK

: NR SA n7 50M Ch507000 1RB1 BPSK

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	5026.00	-60.45 RMS	33.55	-56.57	0.66	-95.23	57.14	-25.00	-35.45	Horizontal
2	7538.00	-59.81 RMS	36.45	-53.41	0.11	-95.23	52.27	-25.00	-34.81	Horizontal
3	10051.00	-40.79 RMS	38.50	-52.71	0.04	-95.23	68.61	-25.00	-15.79	Horizontal
4	12564.00	-53.70 RMS	39.13	-48.94	0.20	-95.23	51.14	-25.00	-28.70	Horizontal



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Vertical

: LTE Band 13 10M Ch23230 1RB0 QPSK

: NR SA n7 50M Ch507000 1RB1 BPSK

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	5026.00	-58.02 RMS	33.55	-56.57	0.66	-95.23	59.57	-25.00	-33.02	Vertical
2	7538.00	-59.89 RMS	36.45	-53.41	0.11	-95.23	52.19	-25.00	-34.89	Vertical
3	10051.00	-36.83 RMS	38.50	-52.71	0.04	-95.23	72.57	-25.00	-11.83	Vertical
4	12564.00	-48.87 RMS	39.13	-48.94	0.20	-95.23	55.97	-25.00	-23.87	Vertical

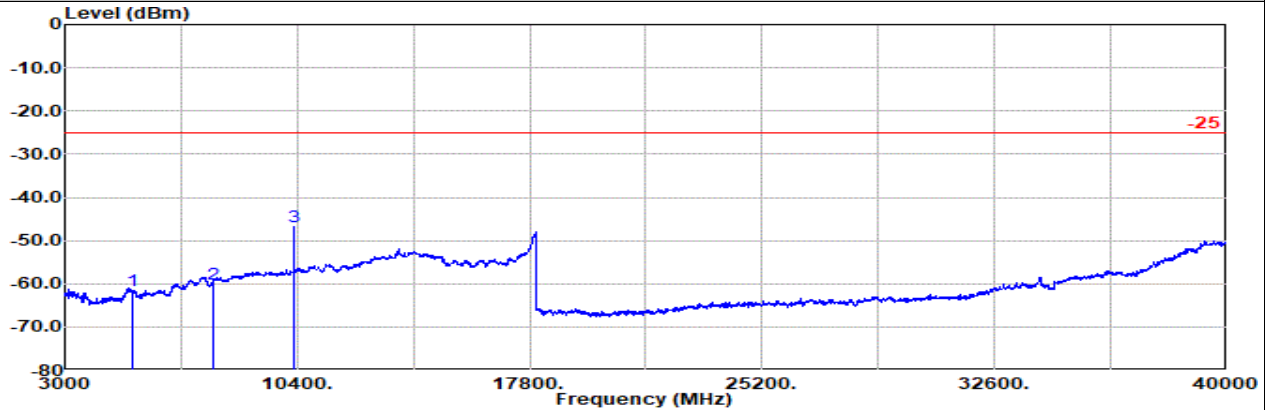


Ant. 0+2

Part 27M Mode 4

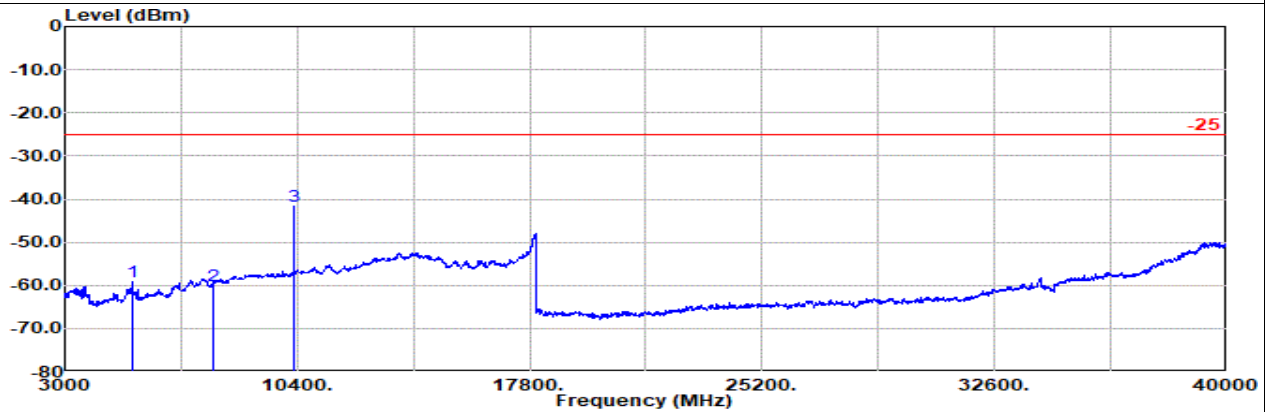
EN-DC B71+n41 10M + 45M Ch133272 1RB0 QPSK + Ch518598 1RB1 BPSK

M



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Horizontal
: LTE Band 71 10M Ch133272 1RB0 QPSK
: NR SA n41 45M Ch518598 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	5146.00	-61.68	RMS	33.29	-56.26	0.78	-95.23	55.74	-25.00	-36.68 Horizontal
2	7719.00	-60.02	RMS	36.68	-53.40	0.14	-95.23	51.79	-25.00	-35.02 Horizontal
3	10292.00	-46.83	RMS	38.62	-52.41	0.05	-95.23	62.14	-25.00	-21.83 Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Vertical
: LTE Band 71 10M Ch133272 1RB0 QPSK
: NR SA n41 45M Ch518598 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin Limit		Margin	Pol
	MHz	dBm		Factor	1		g			
1	5146.00	-59.26	RMS	33.29	-56.26	0.78	-95.23	58.16	-25.00	-34.26 Vertical
2	7719.00	-60.03	RMS	36.68	-53.40	0.14	-95.23	51.78	-25.00	-35.03 Vertical
3	10292.00	-41.53	RMS	38.62	-52.41	0.05	-95.23	67.44	-25.00	-16.53 Vertical

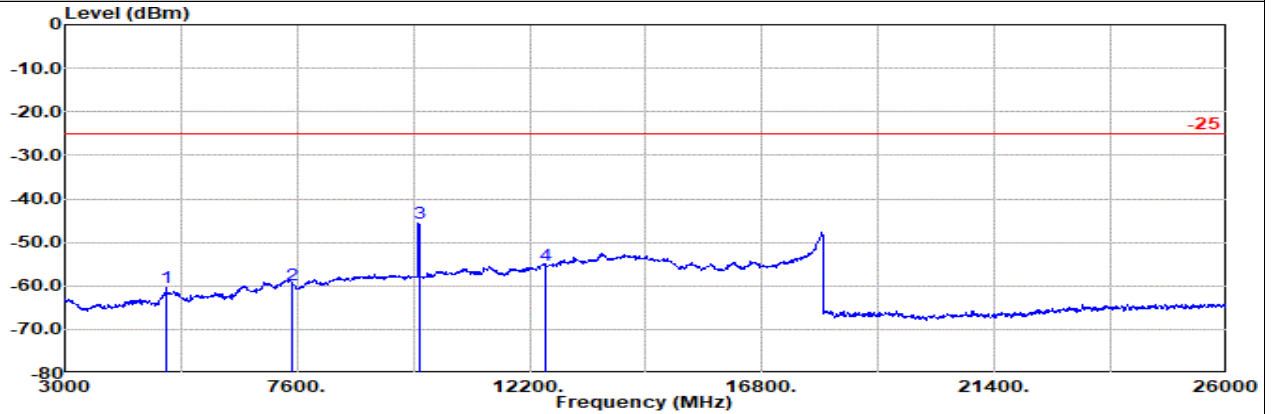


Ant. 2+0

Part 27M Mode 9

NR SA n7 MIMO 50M Ch505000 1RB1 QPSK

L

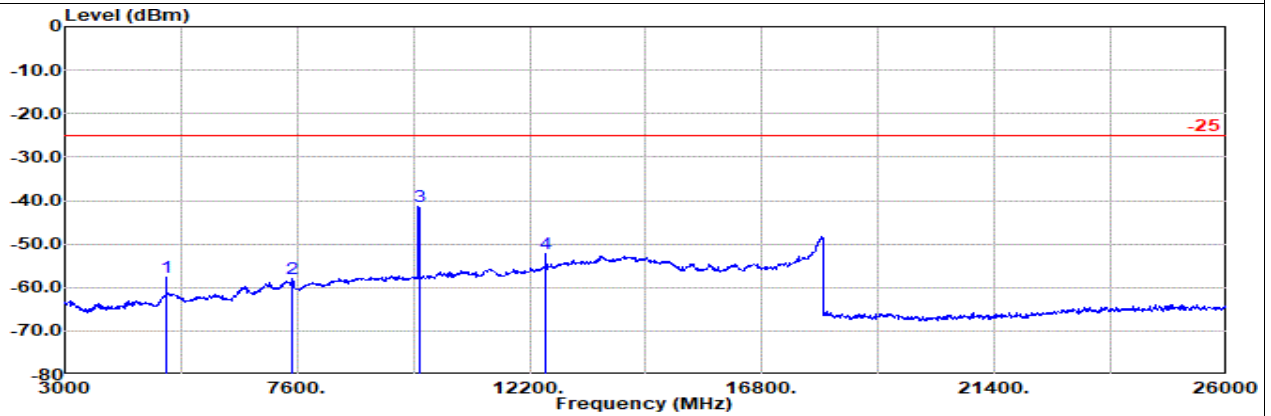


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Horizontal

: NR SA n7 50M MIMO Ch505000 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	5006.00	-60.34	RMS	33.59	-56.62	0.64	-95.23	57.28	-25.00	-35.34	Horizontal
2	7508.00	-59.63	RMS	36.57	-53.40	0.14	-95.23	52.29	-25.00	-34.63	Horizontal
3	10011.00	-45.62	RMS	38.34	-52.76	0.04	-95.23	63.99	-25.00	-20.62	Horizontal
4	12510.00	-55.39	RMS	39.10	-48.93	0.19	-95.23	49.48	-25.00	-30.39	Horizontal



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Vertical

: NR SA n7 50M MIMO Ch505000 1RB1 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm			dB/m	dB	dB	dB	dBm	dB	
1	5006.00	-57.79	RMS	33.59	-56.62	0.64	-95.23	59.83	-25.00	-32.79	Vertical
2	7508.00	-58.05	RMS	36.57	-53.40	0.14	-95.23	53.87	-25.00	-33.05	Vertical
3	10011.00	-41.40	RMS	38.34	-52.76	0.04	-95.23	68.21	-25.00	-16.40	Vertical
4	12510.00	-52.09	RMS	39.10	-48.93	0.19	-95.23	52.78	-25.00	-27.09	Vertical

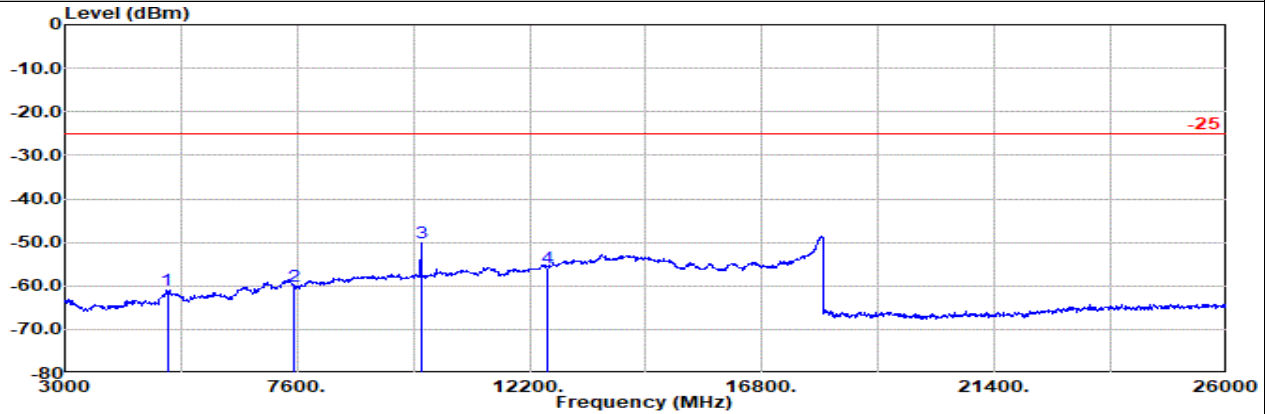


Ant. 2+0

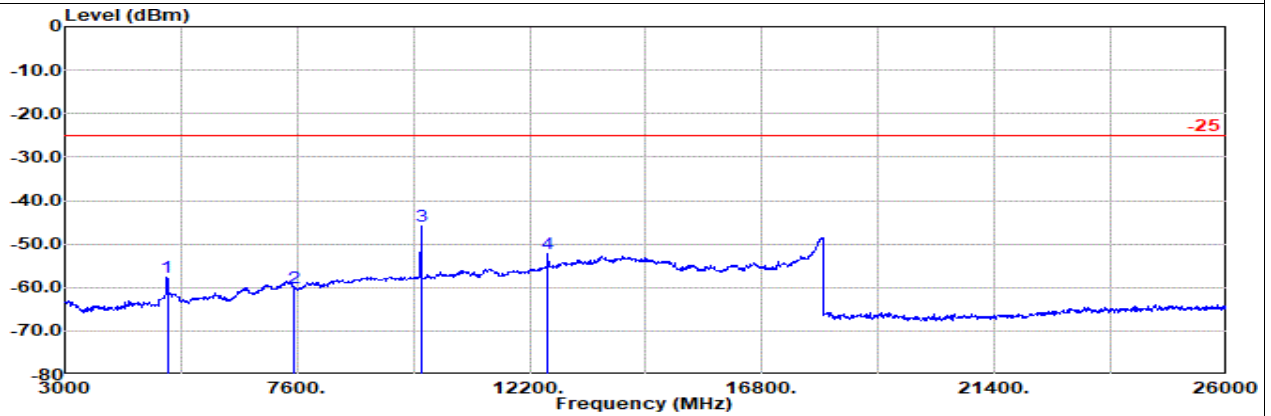
Part 27M Mode 9

NR SA n7 MIMO 50M Ch507000 1RB1 QPSK

M



Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	5026.00	-60.92 RMS	33.55	-56.57	0.66	-95.23	56.67	-25.00	-35.92	Horizontal
2	7538.00	-60.10 RMS	36.45	-53.41	0.11	-95.23	51.98	-25.00	-35.10	Horizontal
3	10051.00	-49.98 RMS	38.50	-52.71	0.04	-95.23	59.42	-25.00	-24.98	Horizontal
4	12565.00	-55.82 RMS	39.14	-48.94	0.20	-95.23	49.01	-25.00	-30.82	Horizontal



Freq	Level	Detector	Ant Factor	Amp\Cb	Filter 1	EIRPCF	Reading	Limit	Margin	Pol
MHz	dBm			dB/m	dB	dB	dB	dBuV	dBm	dB
1	5026.00	-57.59 RMS	33.55	-56.57	0.66	-95.23	60.00	-25.00	-32.59	Vertical
2	7538.00	-60.09 RMS	36.45	-53.41	0.11	-95.23	51.99	-25.00	-35.09	Vertical
3	10051.00	-45.96 RMS	38.50	-52.71	0.04	-95.23	63.44	-25.00	-20.96	Vertical
4	12565.00	-52.10 RMS	39.13	-48.94	0.20	-95.23	52.74	-25.00	-27.10	Vertical

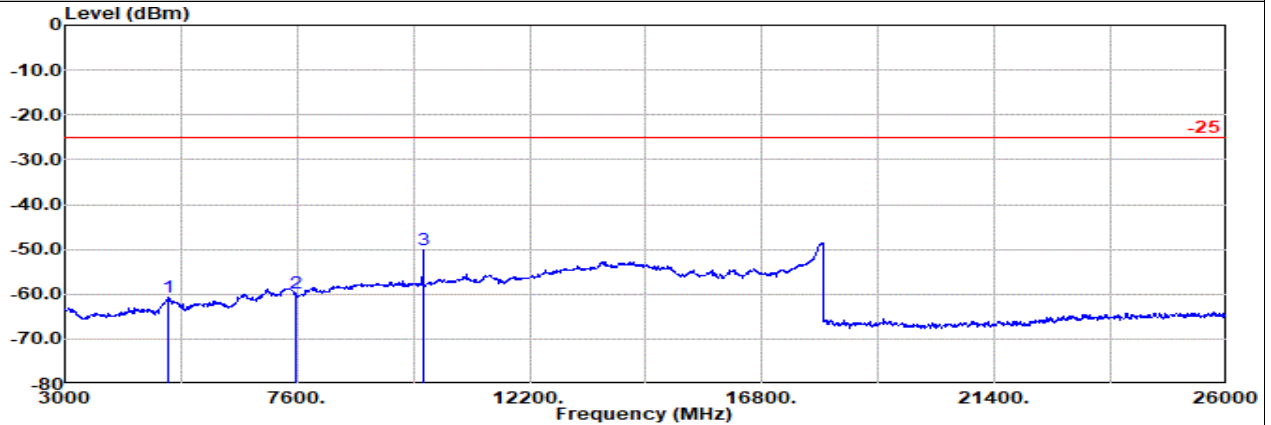


Ant. 2+0

Part 27M Mode 9

NR SA n7 MIMO 50M Ch509000 1RB1 QPSK

H

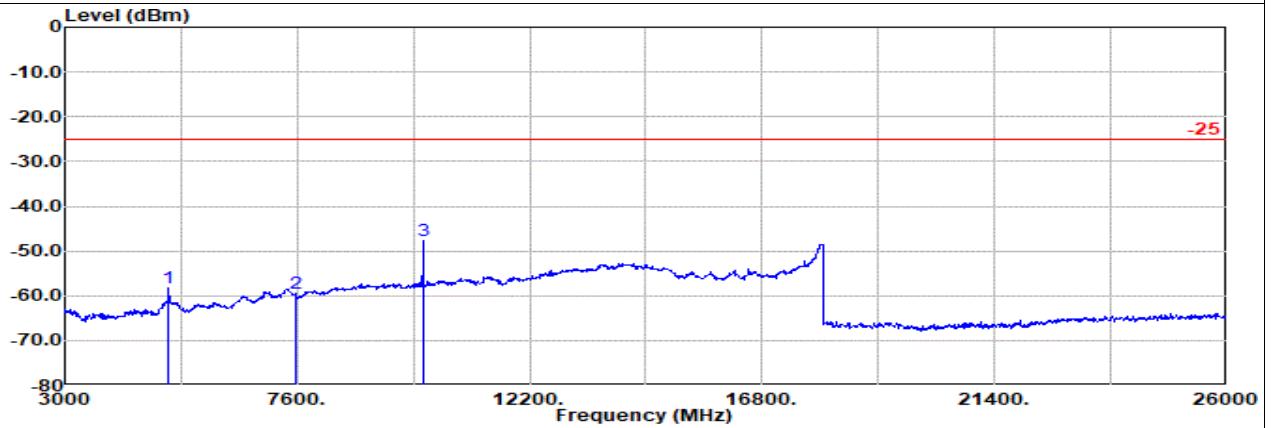


Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Horizontal

: NR SA n7 50M MIMO Ch509000 1RB1 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5046.00	-60.54	RMS	33.51	-56.52	0.68	-95.23	57.02	-25.00	-35.54	Horizontal			
2	7568.00	-59.76	RMS	36.40	-53.42	0.07	-95.23	52.42	-25.00	-34.76	Horizontal			
3	10091.00	-50.23	RMS	38.42	-52.66	0.04	-95.23	59.20	-25.00	-25.23	Horizontal			



Site : 03CH12-HY

Condition: -25 3m 9120D-02114-250702 Vertical

: NR SA n7 50M MIMO Ch509000 1RB1 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		Factor	Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		dB/m	dB		dB	dB			dBuV	dBm	dB	
1	5046.00	-58.18	RMS	33.51	-56.52	0.68	-95.23	59.38	-25.00	-33.18	Vertical			
2	7568.00	-59.61	RMS	36.40	-53.42	0.07	-95.23	52.57	-25.00	-34.61	Vertical			
3	10091.00	-47.74	RMS	38.42	-52.66	0.04	-95.23	61.69	-25.00	-22.74	Vertical			

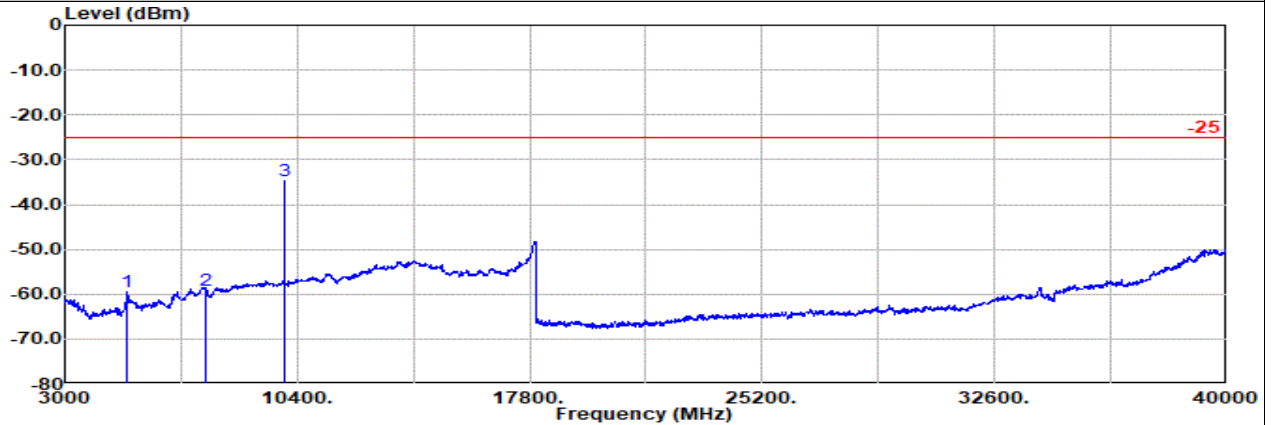


Ant. 2+0

Part 27M Mode 10

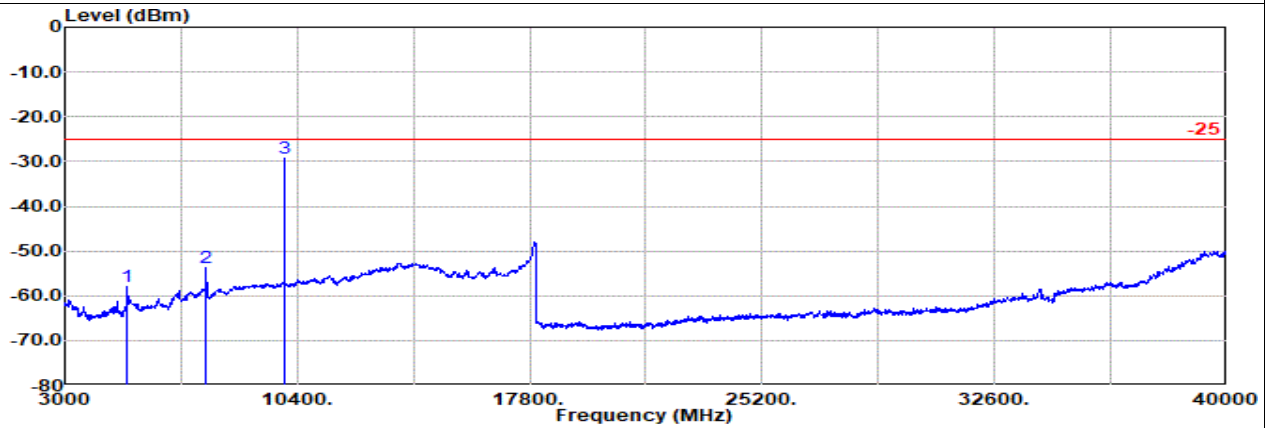
NR SA n41 MIMO (PC1.5) 45M Ch503700 1RB1 QPSK

L



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Horizontal
: NR SA n41 45M Ch503700 1RB1 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	4997.00	-59.56	RMS	33.59	-56.65	0.63	-95.23	58.10	-25.00	-34.56 Horizontal
2	7496.00	-59.23	RMS	36.61	-53.40	0.15	-95.23	52.64	-25.00	-34.23 Horizontal
3	9994.00	-34.76	RMS	38.29	-52.77	0.04	-95.23	74.91	-25.00	-9.76 Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Vertical
: NR SA n41 45M Ch503700 1RB1 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	4997.00	-57.98	RMS	33.59	-56.65	0.63	-95.23	59.68	-25.00	-32.98 Vertical
2	7496.00	-53.64	RMS	36.61	-53.40	0.15	-95.23	58.23	-25.00	-28.64 Vertical
3	9994.00	-29.22	RMS	38.29	-52.77	0.04	-95.23	80.45	-25.00	-4.22 Vertical

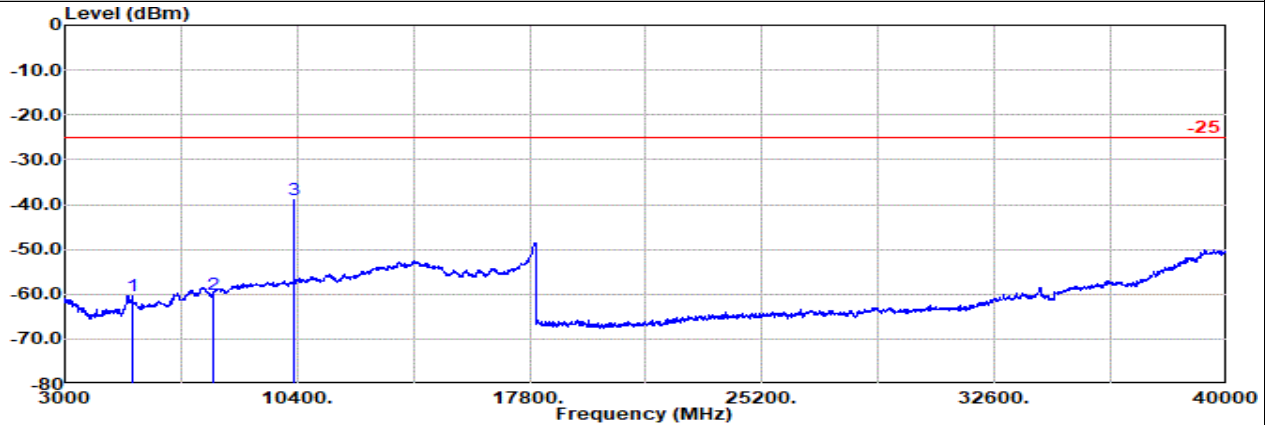


Ant. 2+0

Part 27M Mode 10

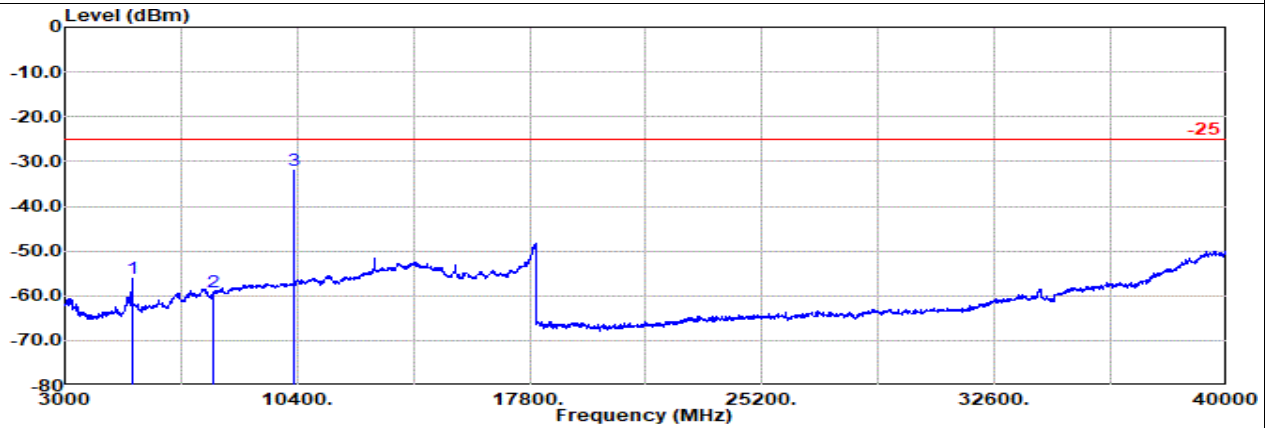
NR SA n41 MIMO (PC1.5) 45M Ch518598 1RB1 QPSK

M



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Horizontal
: NR SA n41 45M Ch518598 1RB1 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	5146.00	-60.51	RMS	33.29	-56.26	0.78	-95.23	56.91	-25.00	-35.51	Horizontal
2	7719.00	-60.12	RMS	36.68	-53.40	0.14	-95.23	51.69	-25.00	-35.12	Horizontal
3	10292.00	-39.05	RMS	38.62	-52.41	0.05	-95.23	69.92	-25.00	-14.05	Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Vertical
: NR SA n41 45M Ch518598 1RB1 QPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBm	dB		
1	5146.00	-56.26	RMS	33.29	-56.26	0.78	-95.23	61.16	-25.00	-31.26	Vertical
2	7719.00	-59.24	RMS	36.68	-53.40	0.14	-95.23	52.57	-25.00	-34.24	Vertical
3	10292.00	-32.00	RMS	38.62	-52.41	0.05	-95.23	76.97	-25.00	-7.00	Vertical

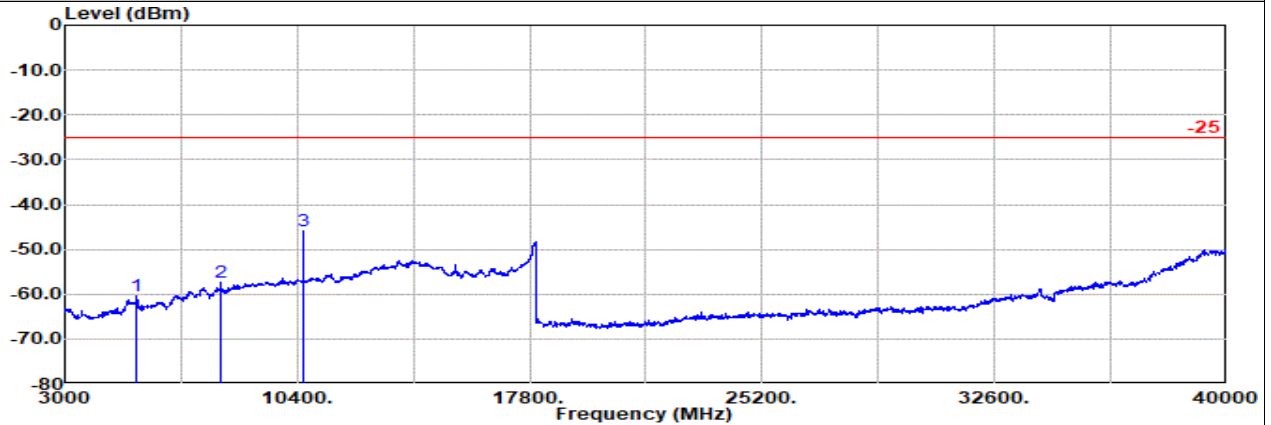


Ant. 2+0

Part 27M Mode 10

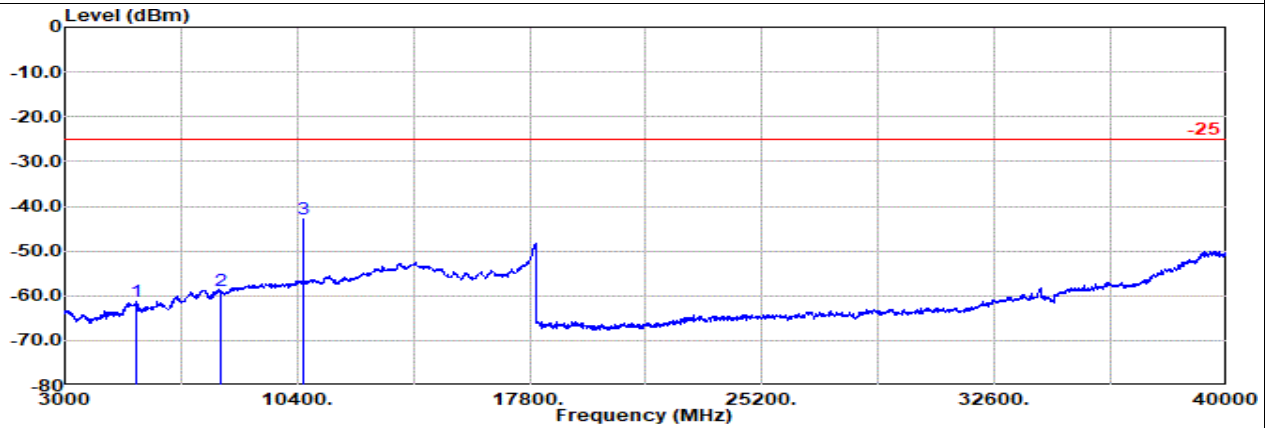
NR SA n41 MIMO (PC1.5) 45M Ch533496 1RB1 QPSK

H



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Horizontal
: NR SA n41 45M Ch533496 1RB1 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	5295.00	-60.36	RMS	33.12	-55.88	0.65	-95.23	56.98	-25.00	-35.36 Horizontal
2	7943.00	-57.34	RMS	37.10	-53.49	0.16	-95.23	54.12	-25.00	-32.34 Horizontal
3	10590.00	-45.87	RMS	39.14	-52.05	0.06	-95.23	62.21	-25.00	-20.87 Horizontal



Site : 03CH12-HY
Condition: -25 3m 9120D-02114-250702 Vertical
: NR SA n41 45M Ch533496 1RB1 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin Pol	
				Factor	1					
	MHz	dBm								
1	5295.00	-61.41	RMS	33.12	-55.88	0.65	-95.23	55.93	-25.00	-36.41 Vertical
2	7943.00	-58.76	RMS	37.10	-53.49	0.16	-95.23	52.70	-25.00	-33.76 Vertical
3	10590.00	-42.92	RMS	39.14	-52.05	0.06	-95.23	65.16	-25.00	-17.92 Vertical

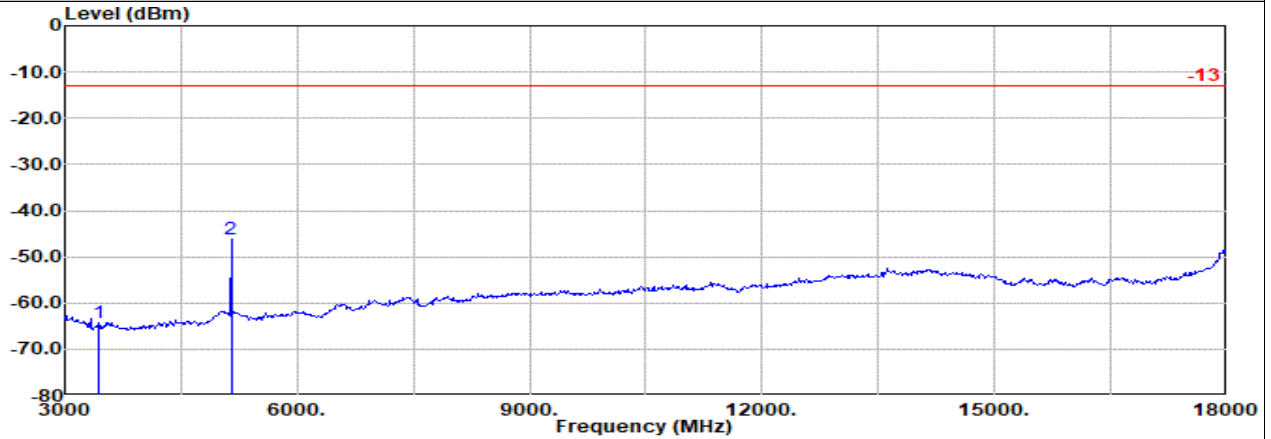


Ant. 2

Part 27L Mode 5

NR SA n66 45M Ch346500 1RB1 BPSK

L

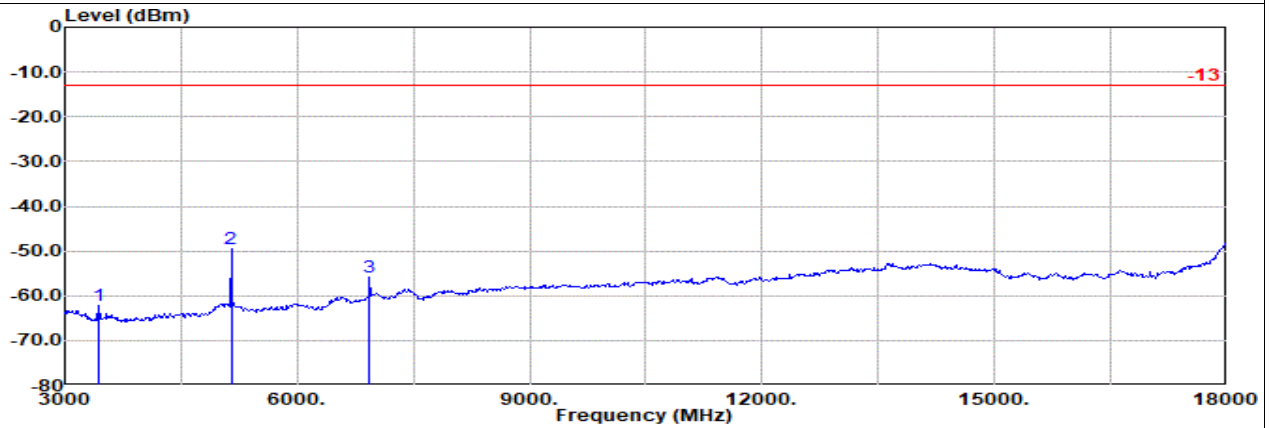


Site : 03CH12-HY

Condition: -13 3m 9120D-02114-250702 Horizontal

: NR SA n66 45M Ch346500 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB			dBuV	dBm	dB	
1	3435.00	-64.24	RMS	29.73	-57.97	0.96	-95.23	58.27	-13.00	-51.24	Horizontal	
2	5145.00	-46.20	RMS	33.29	-56.26	0.77	-95.23	71.22	-13.00	-33.20	Horizontal	



Site : 03CH12-HY

Condition: -13 3m 9120D-02114-250702 Vertical

: NR SA n66 45M Ch346500 1RB1 BPSK

	Freq Level		Detector	Ant Factor	Amp\Cb Filter 1		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm			dB/m	dB			dBuV	dBm	dB	
1	3435.00	-62.16	RMS	29.73	-57.97	0.96	-95.23	60.35	-13.00	-49.16	Vertical	
2	5145.00	-49.39	RMS	33.29	-56.26	0.77	-95.23	68.03	-13.00	-36.39	Vertical	
3	6930.00	-55.82	RMS	36.06	-53.71	0.27	-95.23	56.79	-13.00	-42.82	Vertical	