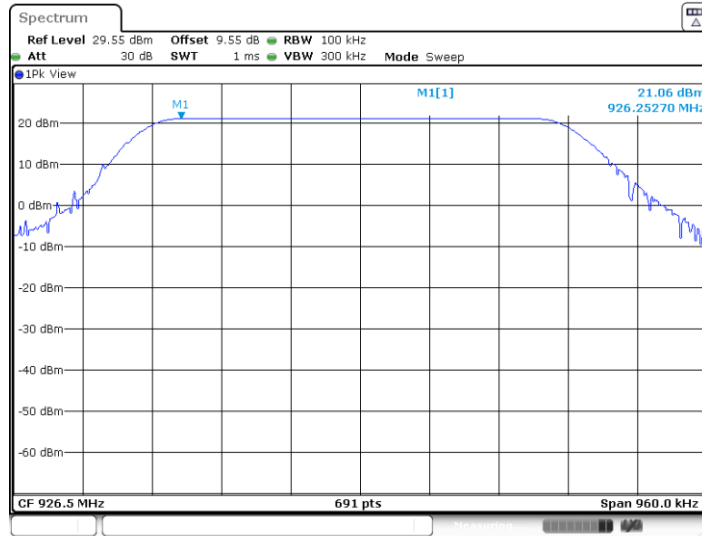


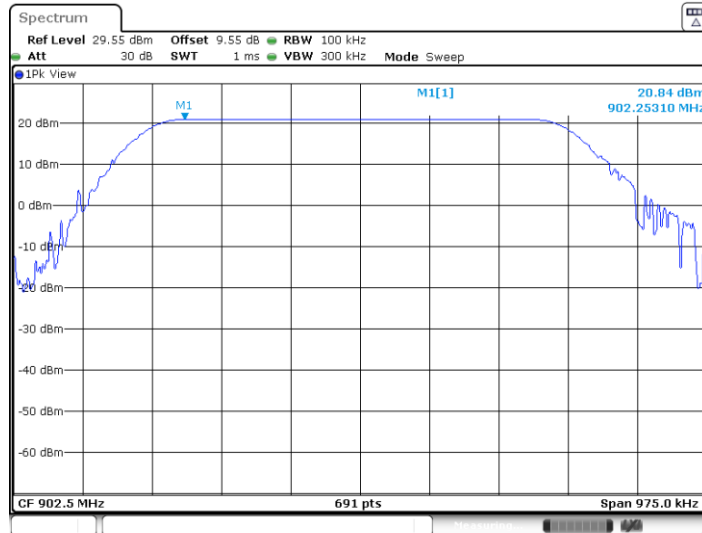


DTS-SF11_Ant1_926.5



Date: 5.APR.2024 16:18:02

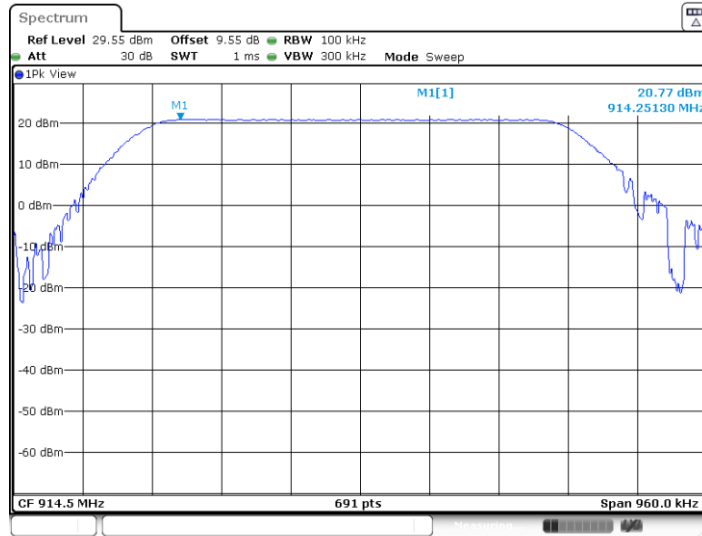
DTS-SF12_Ant1_902.5



Date: 5.APR.2024 16:20:22

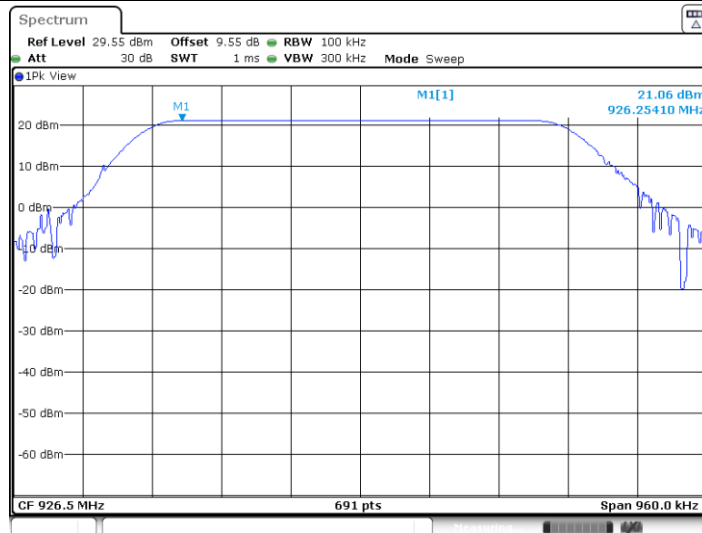


DTS-SF12_Ant1_914.5



Date: 5.APR.2024 16:22:13

DTS-SF12_Ant1_926.5



Date: 5.APR.2024 16:24:05



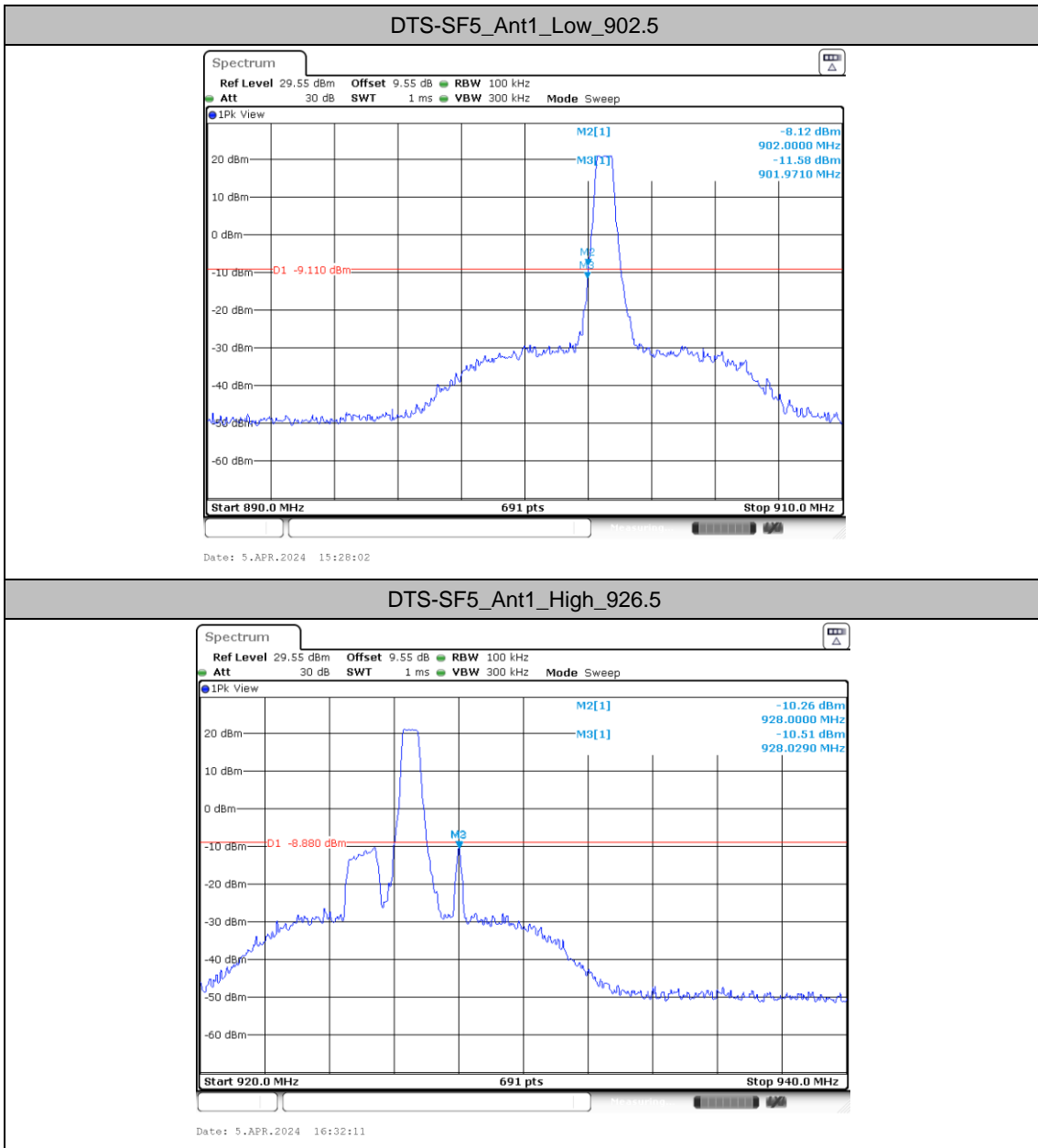
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq (MHz)	RefLevel[dBm /100KHz]	Result[dBm /100KHz]	Limit[dBm /100KHz]	Verdict
DTS-SF5	Ant1	Low	902.5	20.89	-11.58	≤-9.11	PASS
		High	926.5	21.12	-10.51	≤-8.88	PASS
DTS-SF6	Ant1	Low	902.5	20.88	-11.92	≤-9.12	PASS
		High	926.5	21.10	-10.60	≤-8.9	PASS
DTS-SF7	Ant1	Low	902.5	20.88	-11.03	≤-9.12	PASS
		High	926.5	21.12	-10.91	≤-8.88	PASS
DTS-SF8	Ant1	Low	902.5	20.87	-12.9	≤-9.13	PASS
		High	926.5	21.08	-11.35	≤-8.92	PASS
DTS-SF9	Ant1	Low	902.5	20.84	-18.84	≤-9.16	PASS
		High	926.5	21.07	-12.08	≤-8.93	PASS
DTS-SF10	Ant1	Low	902.5	20.84	-17.51	≤-9.16	PASS
		High	926.5	21.06	-12.27	≤-8.94	PASS
DTS-SF11	Ant1	Low	902.5	20.84	-19.19	≤-9.16	PASS
		High	926.5	21.06	-12.73	≤-8.94	PASS
DTS-SF12	Ant1	Low	902.5	20.84	-23.17	≤-9.16	PASS
		High	926.5	21.06	-12.69	≤-8.94	PASS

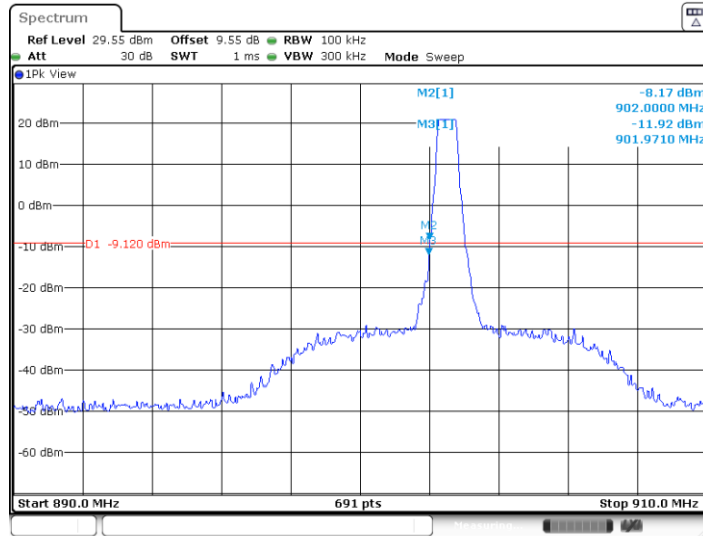


Test Graphs



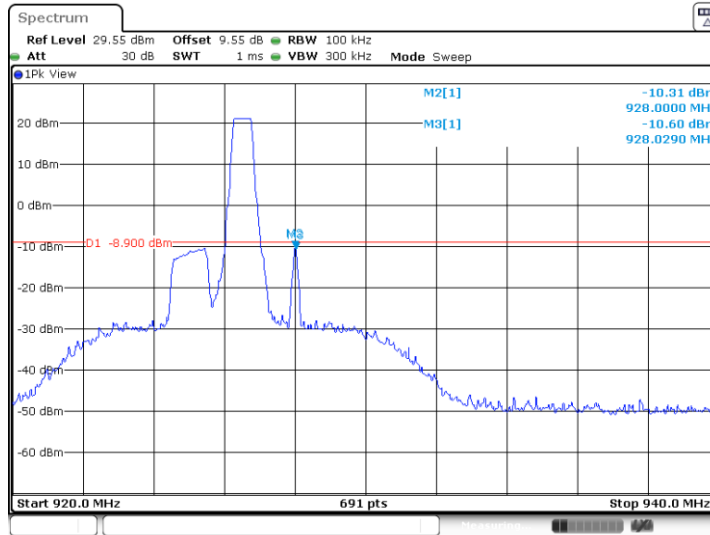


DTS-SF6_Ant1_Low_902.5



Date: 5.APR.2024 15:38:06

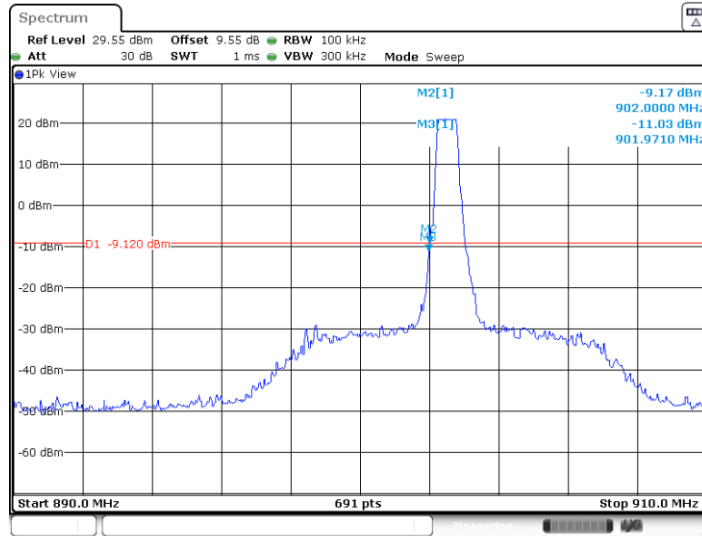
DTS-SF6_Ant1_High_926.5



Date: 5.APR.2024 16:31:11

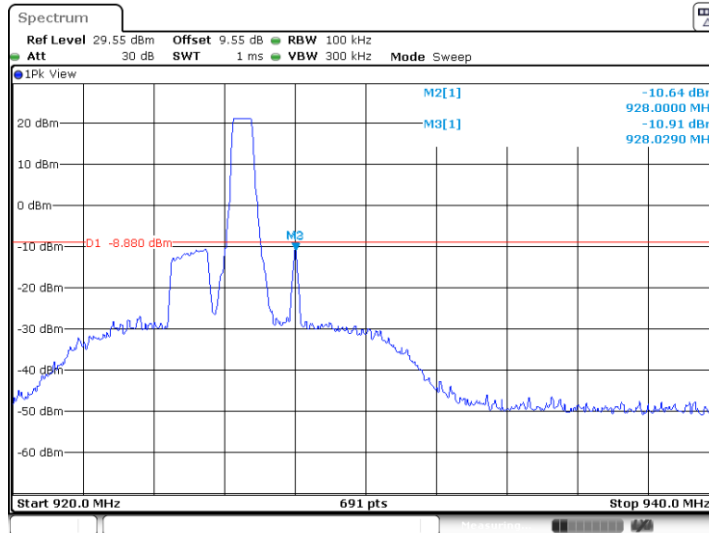


DTS-SF7_Ant1_Low_902.5



Date: 5.APR.2024 15:45:25

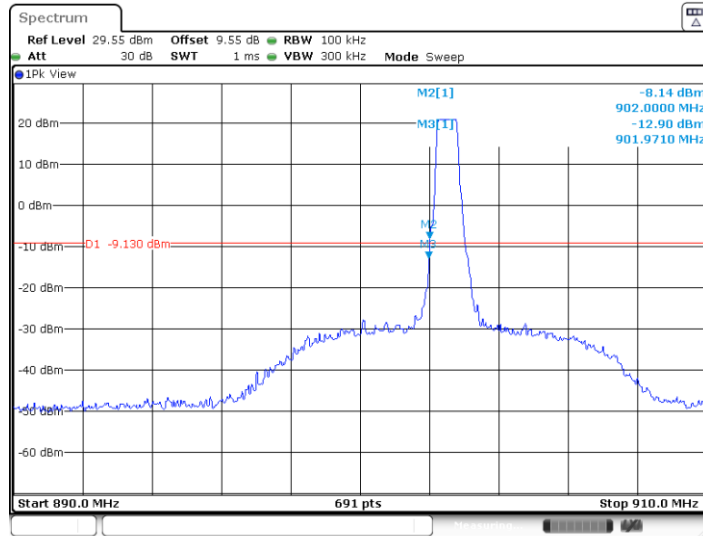
DTS-SF7_Ant1_High_926.5



Date: 5.APR.2024 16:30:15

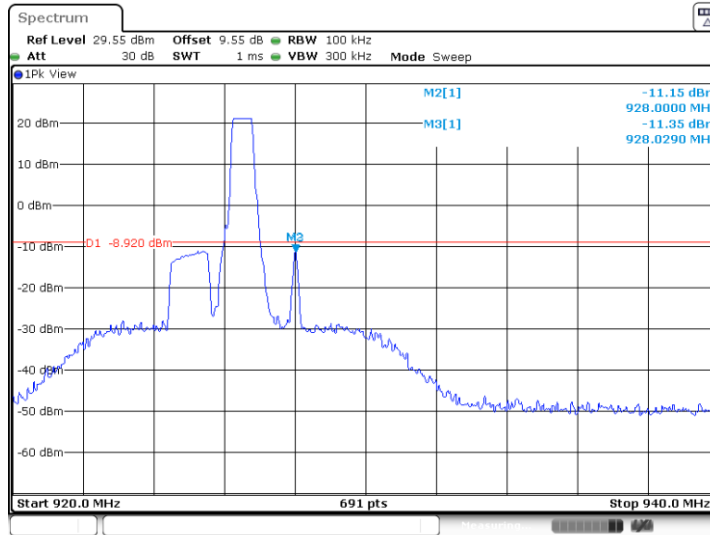


DTS-SF8_Ant1_Low_902.5



Date: 5.APR.2024 15:50:30

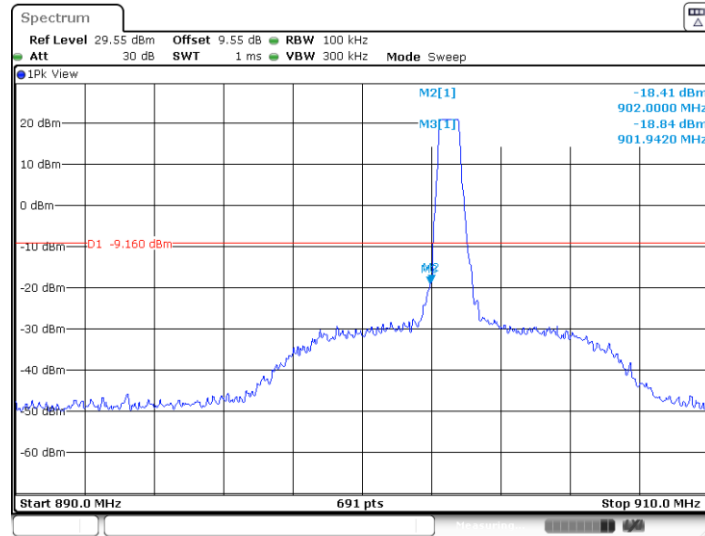
DTS-SF8_Ant1_High_926.5



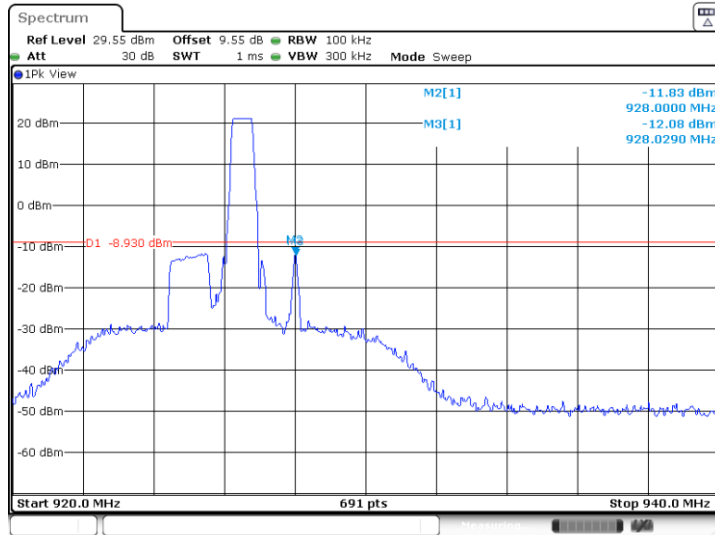
Date: 5.APR.2024 16:29:13



DTS-SF9_Ant1_Low_902.5

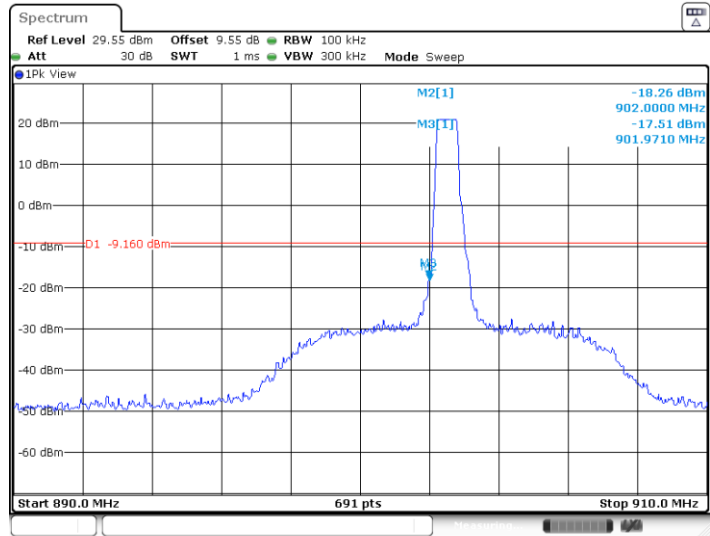


DTS-SF9_Ant1_High_926.5



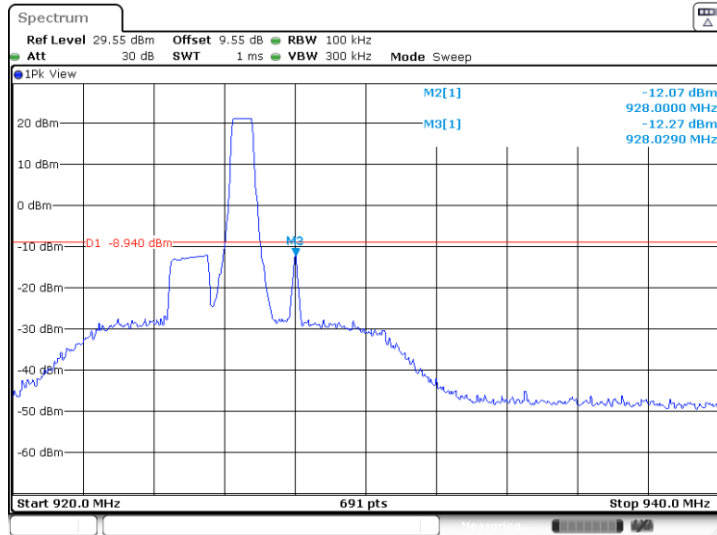


DTS-SF10_Ant1_Low_902.5



Date: 5.APR.2024 16:04:19

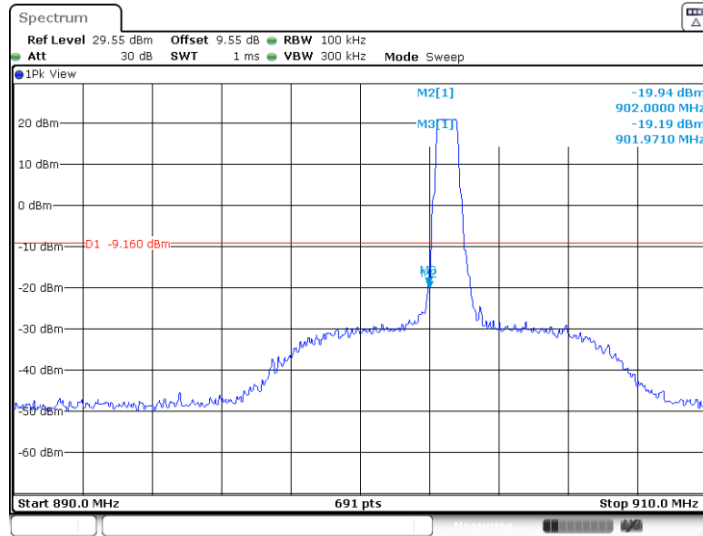
DTS-SF10_Ant1_High_926.5



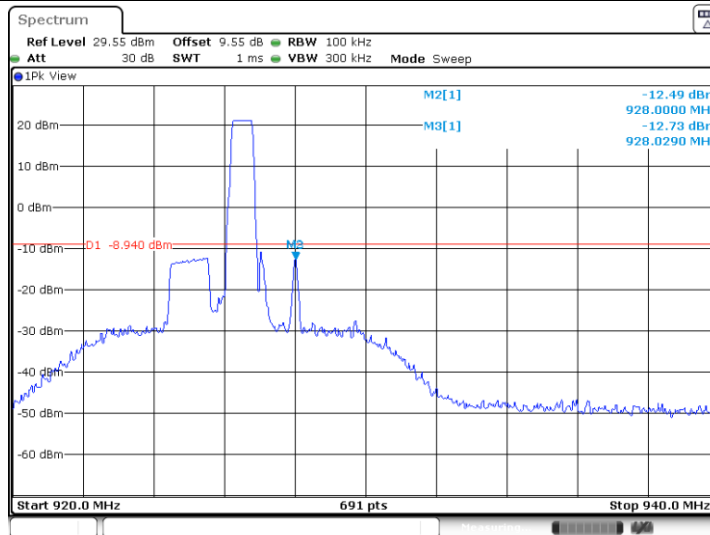
Date: 5.APR.2024 16:10:38



DTS-SF11_Ant1_Low_902.5

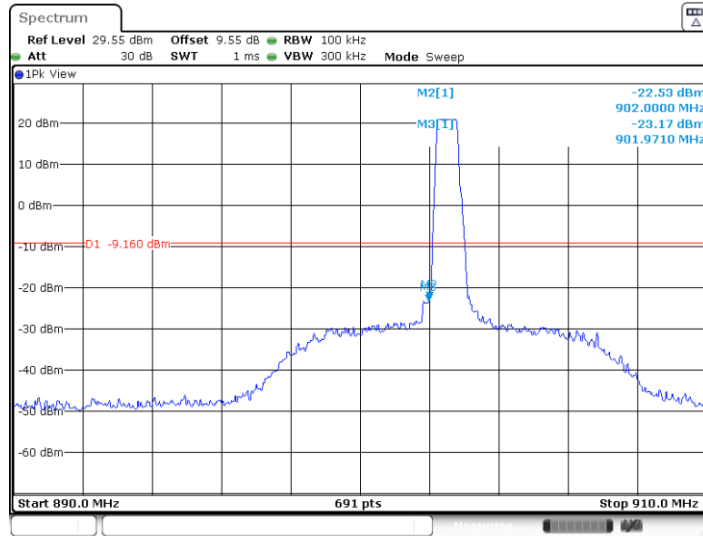


DTS-SF11_Ant1_High_926.5

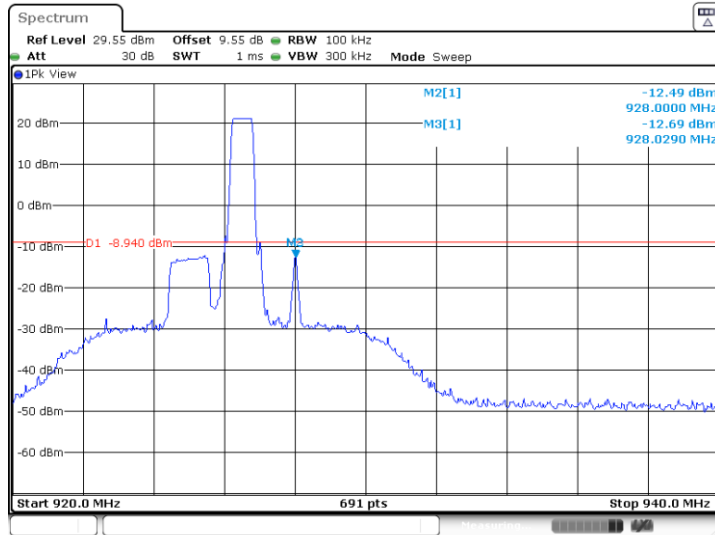




DTS-SF12_Ant1_Low_902.5



DTS-SF12_Ant1_High_926.5





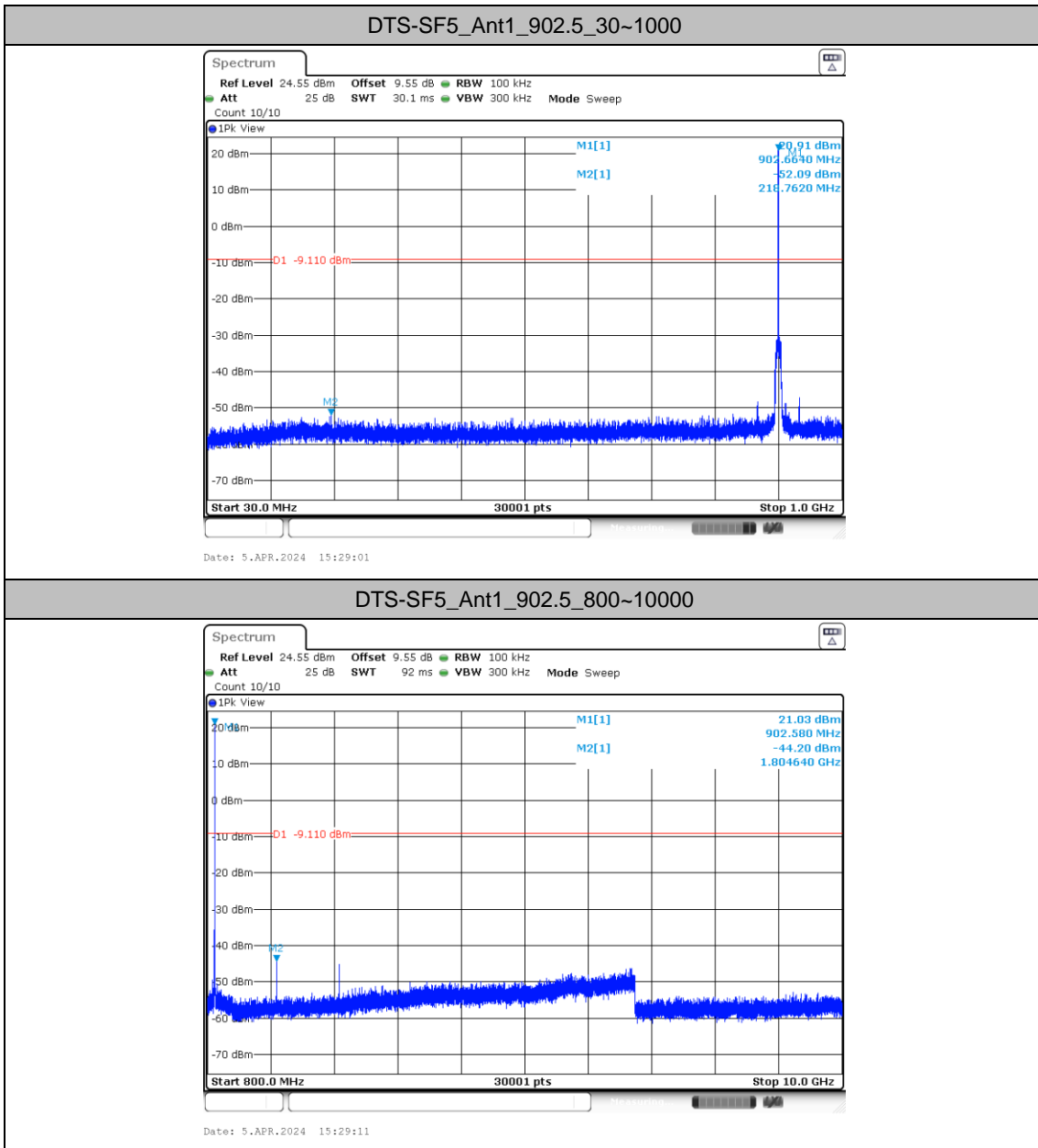
Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
DTS-SF5	Ant1	902.5	30~1000	20.89	-52.09	≤-9.11	PASS
			800~10000	20.89	-44.2	≤-9.11	PASS
		914.5	30~1000	20.82	-50.88	≤-9.18	PASS
			800~10000	20.82	-45.4	≤-9.18	PASS
		926.5	30~1000	21.12	-51.66	≤-8.88	PASS
			800~10000	21.12	-44.33	≤-8.88	PASS
DTS-SF6	Ant1	902.5	30~1000	20.88	-51.54	≤-9.12	PASS
			800~10000	20.88	-44.27	≤-9.12	PASS
		914.5	30~1000	20.83	-51.42	≤-9.17	PASS
			800~10000	20.83	-44.71	≤-9.17	PASS
		926.5	30~1000	21.10	-50.74	≤-8.9	PASS
			800~10000	21.10	-44.65	≤-8.9	PASS
DTS-SF7	Ant1	902.5	30~1000	20.88	-51.66	≤-9.12	PASS
			800~10000	20.88	-43.25	≤-9.12	PASS
		914.5	30~1000	20.83	-51.4	≤-9.17	PASS
			800~10000	20.83	-44.29	≤-9.17	PASS
		926.5	30~1000	21.12	-51.76	≤-8.88	PASS
			800~10000	21.12	-44.5	≤-8.88	PASS
DTS-SF8	Ant1	902.5	30~1000	20.87	-51.14	≤-9.13	PASS
			800~10000	20.87	-43.83	≤-9.13	PASS
		914.5	30~1000	20.79	-51.52	≤-9.21	PASS
			800~10000	20.79	-44.98	≤-9.21	PASS
		926.5	30~1000	21.08	-51.29	≤-8.92	PASS
			800~10000	21.08	-44.31	≤-8.92	PASS
DTS-SF9	Ant1	902.5	30~1000	20.84	-50.82	≤-9.16	PASS
			800~10000	20.84	-43.79	≤-9.16	PASS
		914.5	30~1000	20.76	-51.19	≤-9.24	PASS
			800~10000	20.76	-45.15	≤-9.24	PASS
		926.5	30~1000	21.07	-51.69	≤-8.93	PASS
			800~10000	21.07	-44.38	≤-8.93	PASS
DTS-SF10	Ant1	902.5	30~1000	20.84	-51.91	≤-9.16	PASS
			800~10000	20.84	-43.63	≤-9.16	PASS
		914.5	30~1000	20.78	-51.56	≤-9.22	PASS
			800~10000	20.78	-44.33	≤-9.22	PASS
		926.5	30~1000	21.06	-51.18	≤-8.94	PASS
			800~10000	21.06	-44.41	≤-8.94	PASS
DTS-SF11	Ant1	902.5	30~1000	20.84	-50.68	≤-9.16	PASS
			800~10000	20.84	-43.81	≤-9.16	PASS
		914.5	30~1000	20.76	-50.77	≤-9.24	PASS
			800~10000	20.76	-44.81	≤-9.24	PASS
		926.5	30~1000	21.06	-51.38	≤-8.94	PASS
			800~10000	21.06	-44.1	≤-8.94	PASS
DTS-SF12	Ant1	902.5	30~1000	20.84	-51.58	≤-9.16	PASS
			800~10000	20.84	-43.31	≤-9.16	PASS
		914.5	30~1000	20.77	-51.17	≤-9.23	PASS
			800~10000	20.77	-44.57	≤-9.23	PASS
		926.5	30~1000	21.06	-51.06	≤-8.94	PASS
			800~10000	21.06	-43.67	≤-8.94	PASS

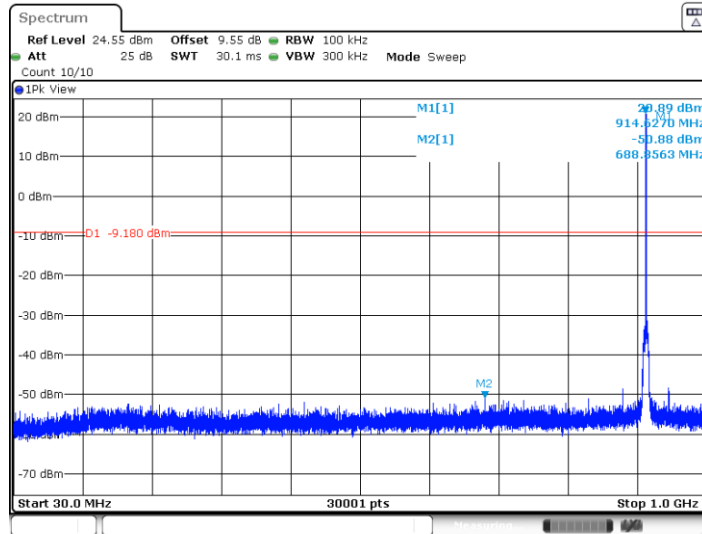


Test Graphs



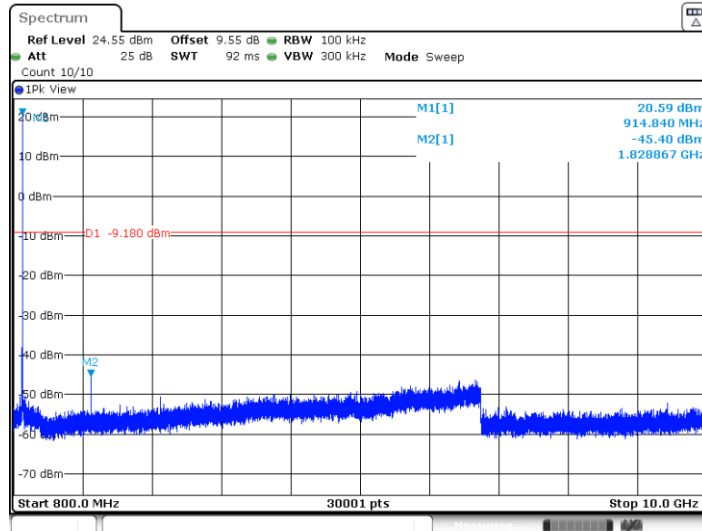


DTS-SF5_Ant1_914.5_30~1000



Date: 5.APR.2024 15:33:35

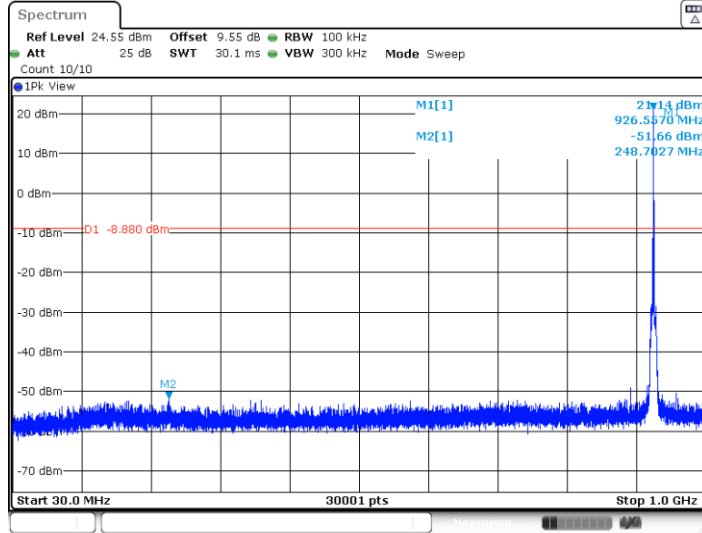
DTS-SF5_Ant1_914.5_800~10000



Date: 5.APR.2024 15:33:45

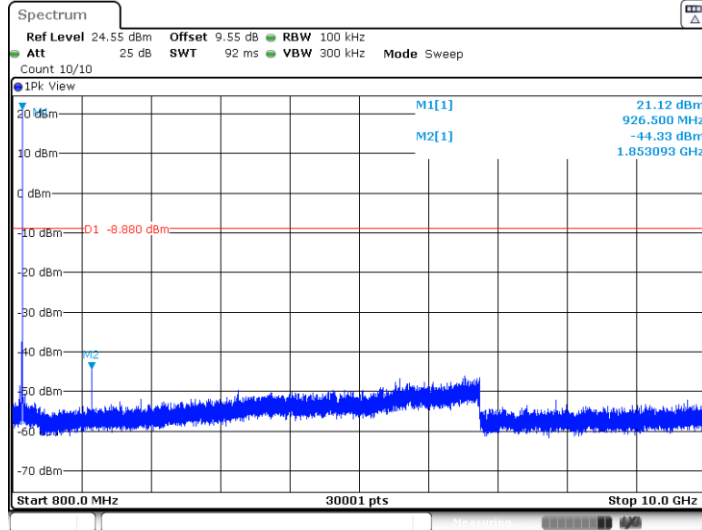


DTS-SF5_Ant1_926.5_30~1000



Date: 5.APR.2024 15:35:17

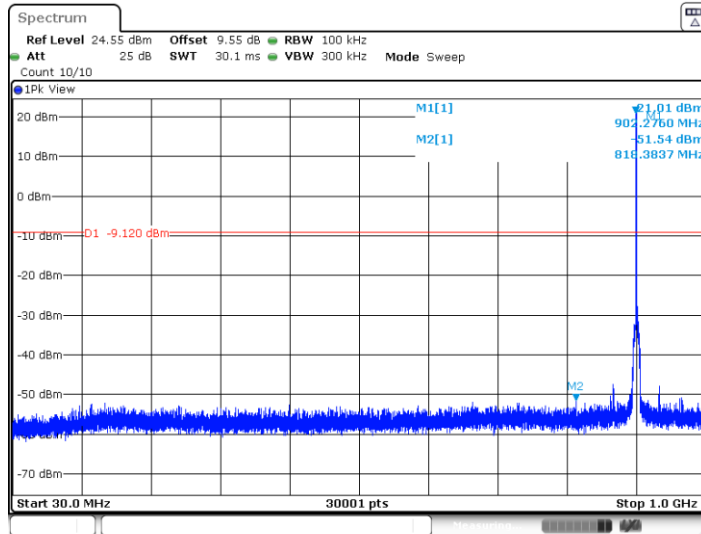
DTS-SF5_Ant1_926.5_800~10000



Date: 5.APR.2024 15:35:27

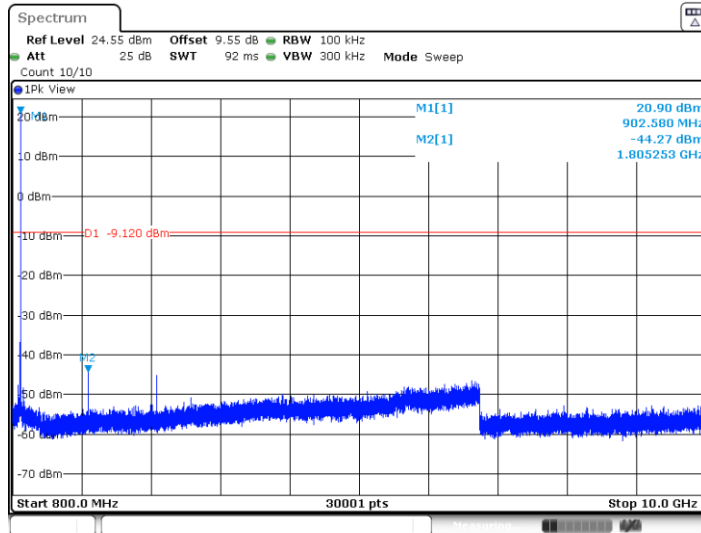


DTS-SF6_Ant1_902.5_30~1000



Date: 5.APR.2024 15:38:14

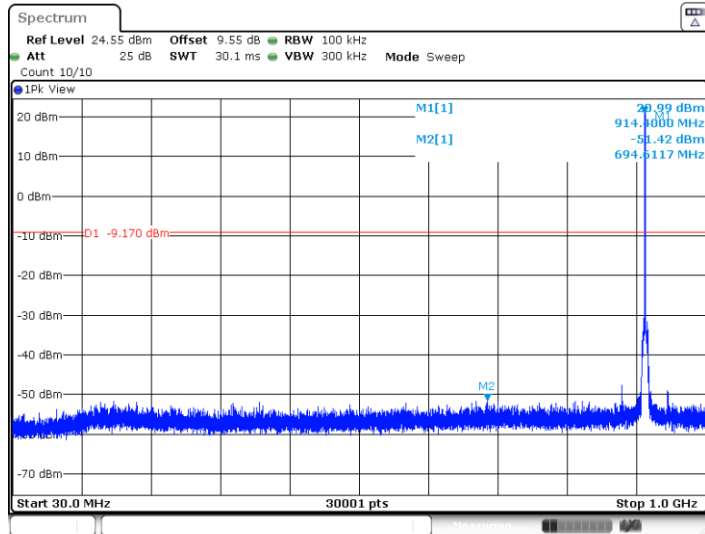
DTS-SF6_Ant1_902.5_800~10000



Date: 5.APR.2024 15:38:24

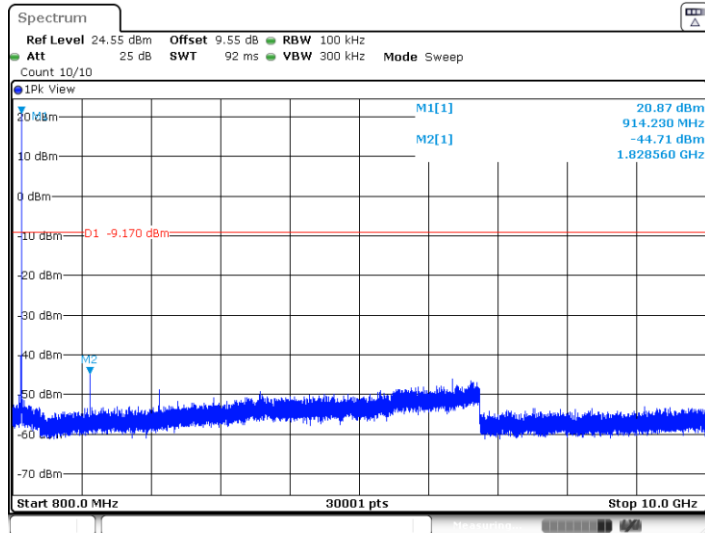


DTS-SF6_Ant1_914.5_30~1000



Date: 5.APR.2024 15:40:24

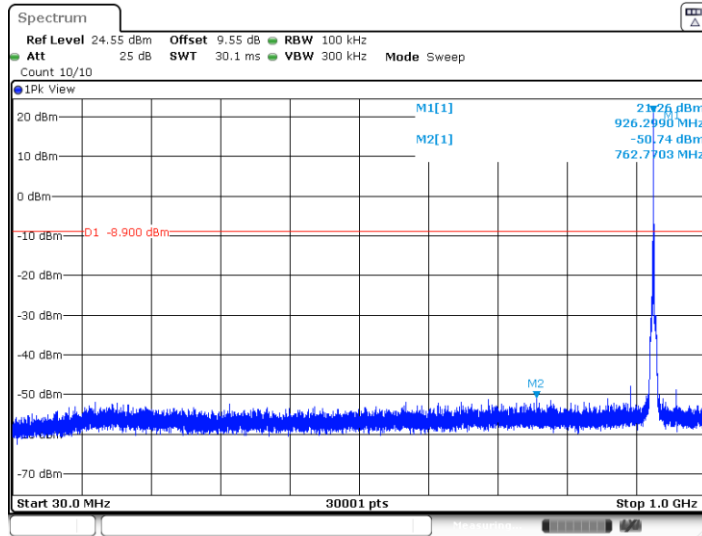
DTS-SF6_Ant1_914.5_800~10000



Date: 5.APR.2024 15:40:34

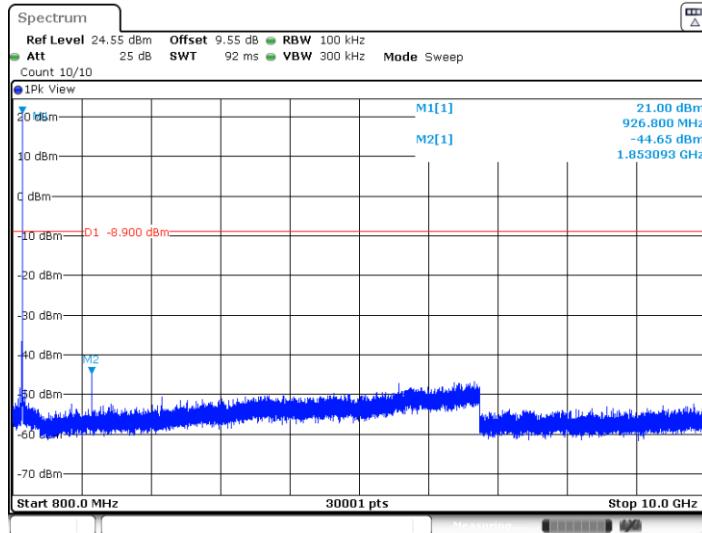


DTS-SF6_Ant1_926.5_30~1000



Date: 5.APR.2024 15:43:51

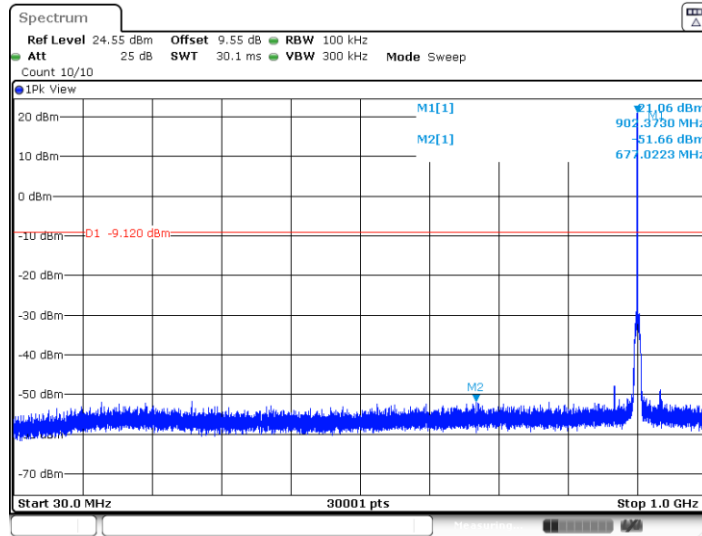
DTS-SF6_Ant1_926.5_800~10000



Date: 5.APR.2024 15:44:01

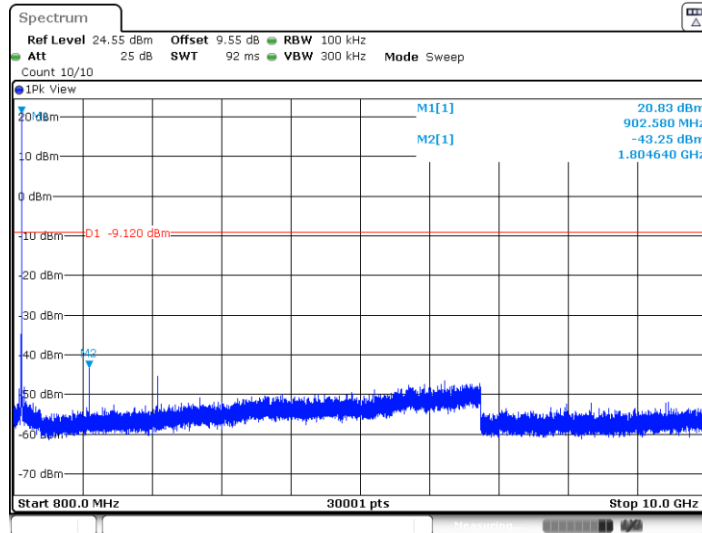


DTS-SF7_Ant1_902.5_30~1000



Date: 5.APR.2024 15:45:33

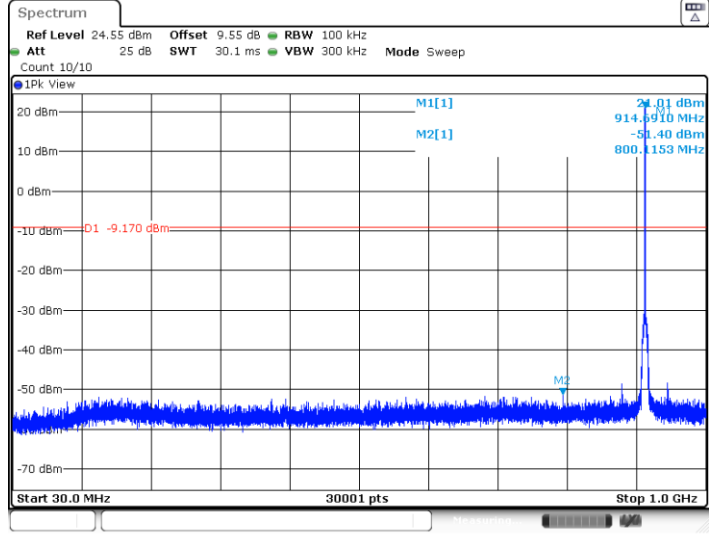
DTS-SF7_Ant1_902.5_800~10000



Date: 5.APR.2024 15:45:43

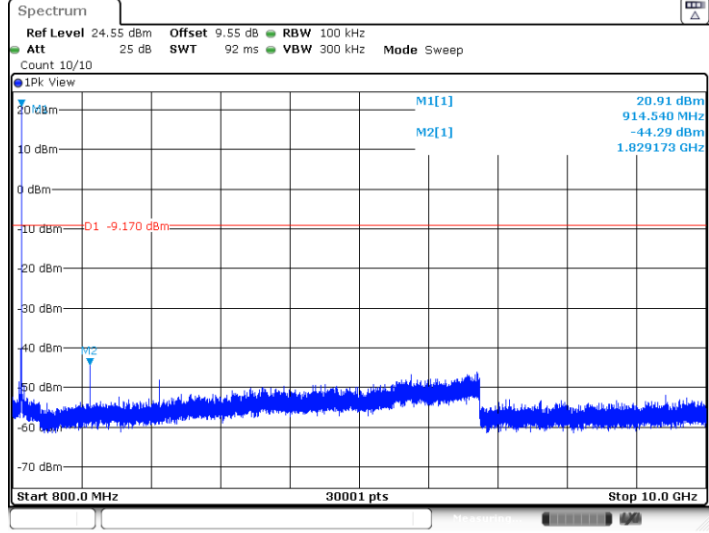


DTS-SF7_Ant1_914.5_30~1000



Date: 5.APR.2024 15:47:02

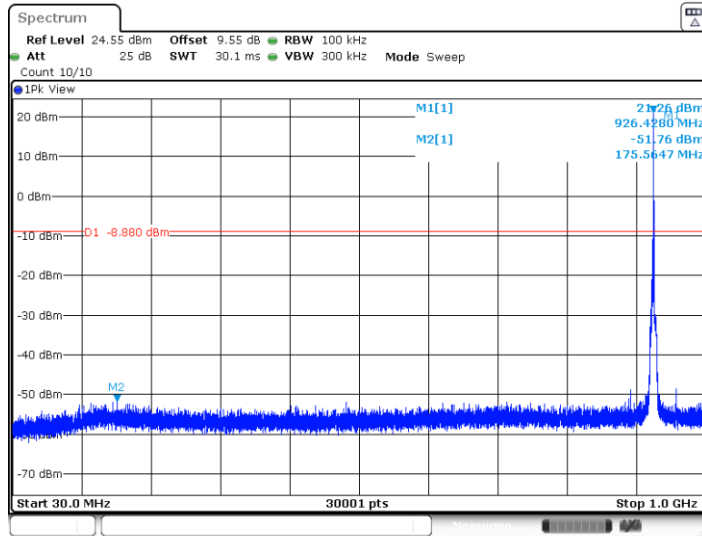
DTS-SF7_Ant1_914.5_800~10000



Date: 5.APR.2024 15:47:12

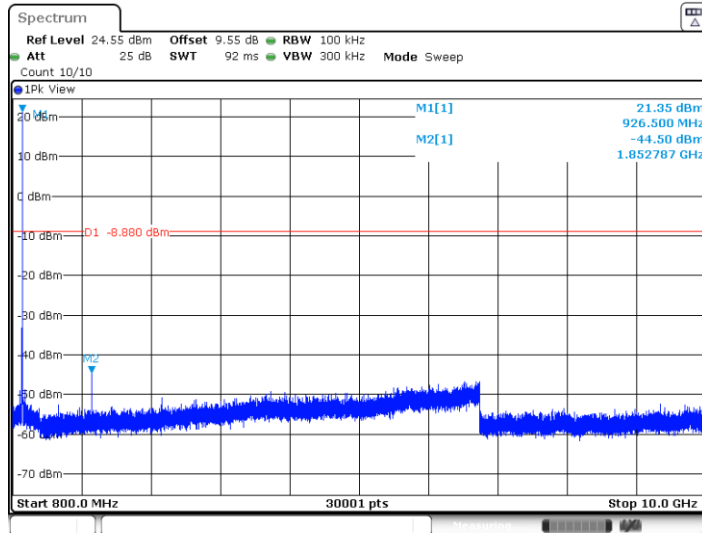


DTS-SF7_Ant1_926.5_30~1000



Date: 5.APR.2024 15:48:45

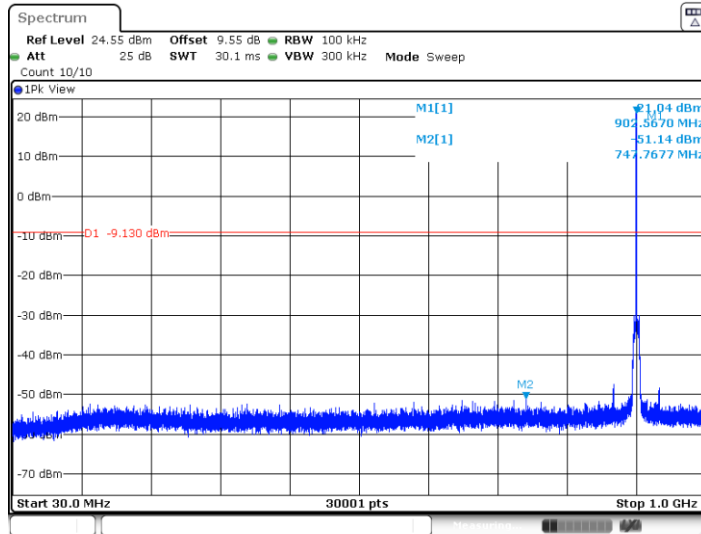
DTS-SF7_Ant1_926.5_800~10000



Date: 5.APR.2024 15:48:55

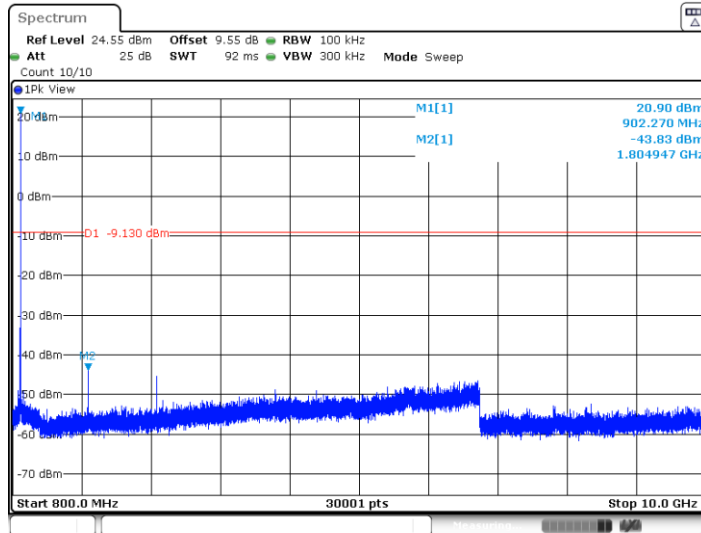


DTS-SF8_Ant1_902.5_30~1000



Date: 5.APR.2024 15:50:38

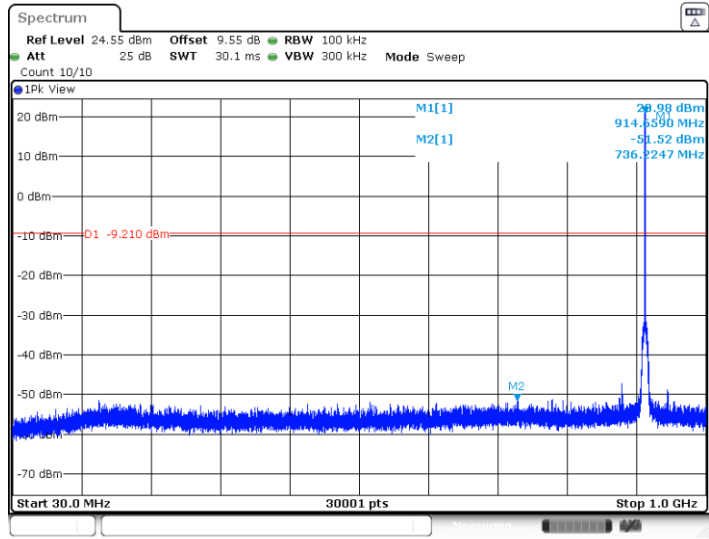
DTS-SF8_Ant1_902.5_800~10000



Date: 5.APR.2024 15:50:48

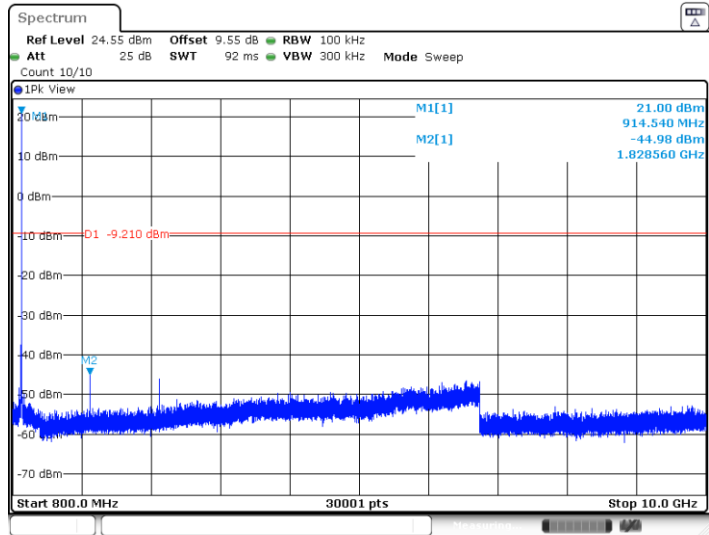


DTS-SF8_Ant1_914.5_30~1000



Date: 5.APR.2024 15:52:11

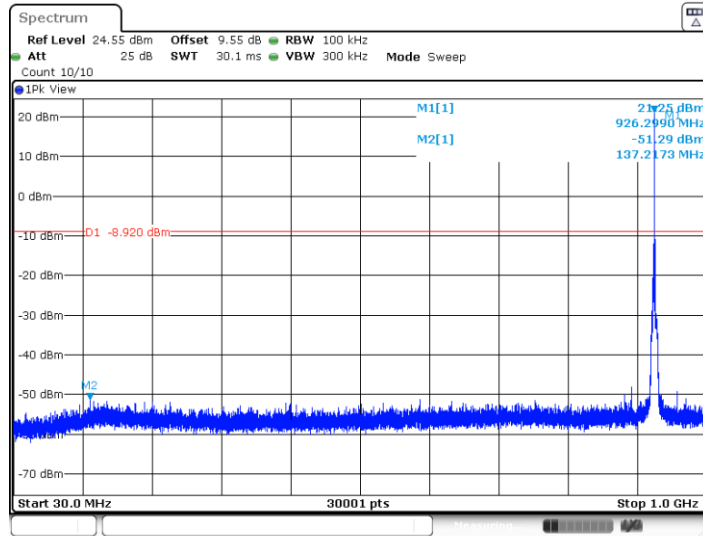
DTS-SF8_Ant1_914.5_800~10000



Date: 5.APR.2024 15:52:21

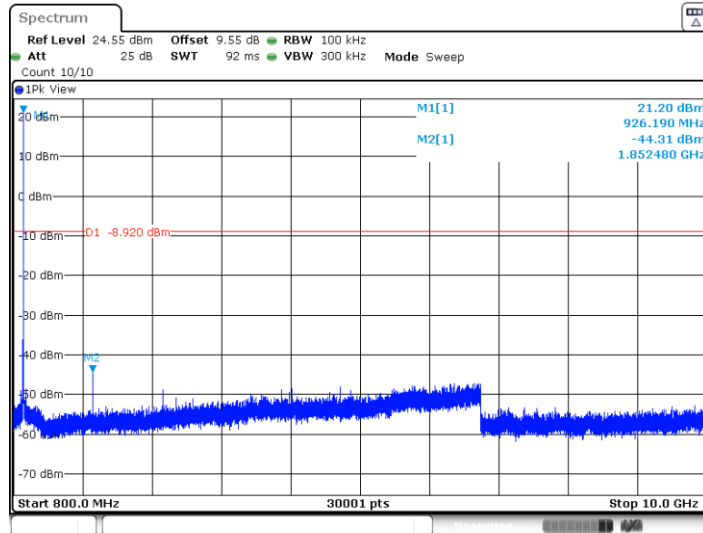


DTS-SF8_Ant1_926.5_30~1000



Date: 5.APR.2024 15:53:56

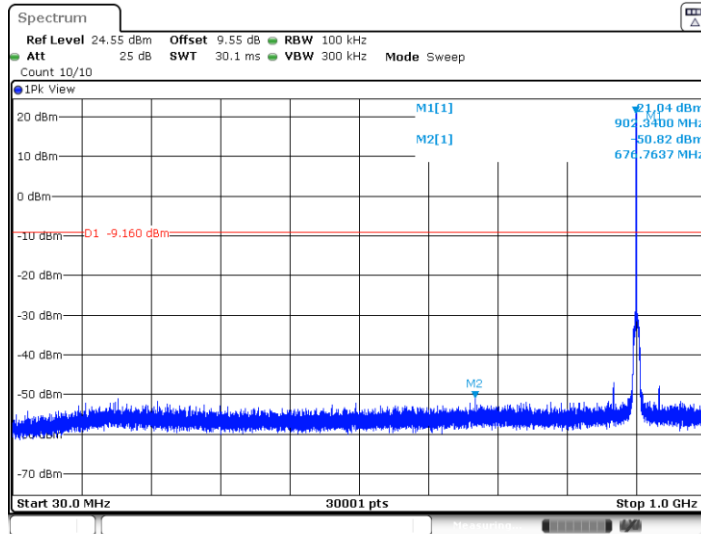
DTS-SF8_Ant1_926.5_800~10000



Date: 5.APR.2024 15:54:06

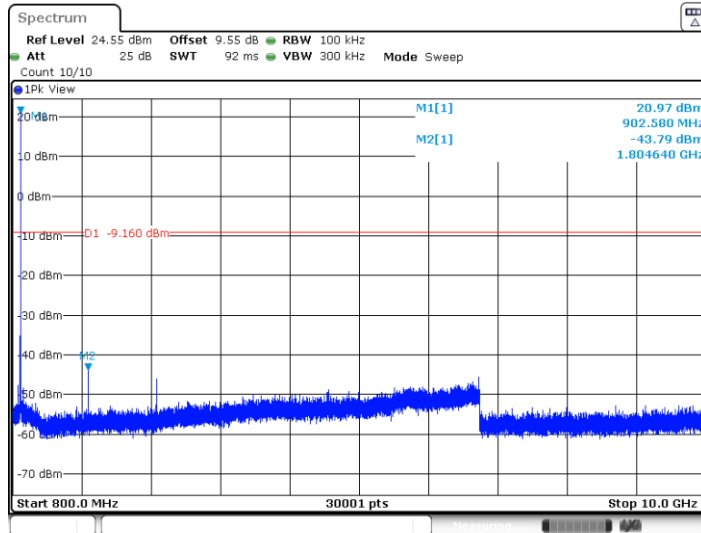


DTS-SF9_Ant1_902.5_30~1000



Date: 5.APR.2024 15:59:08

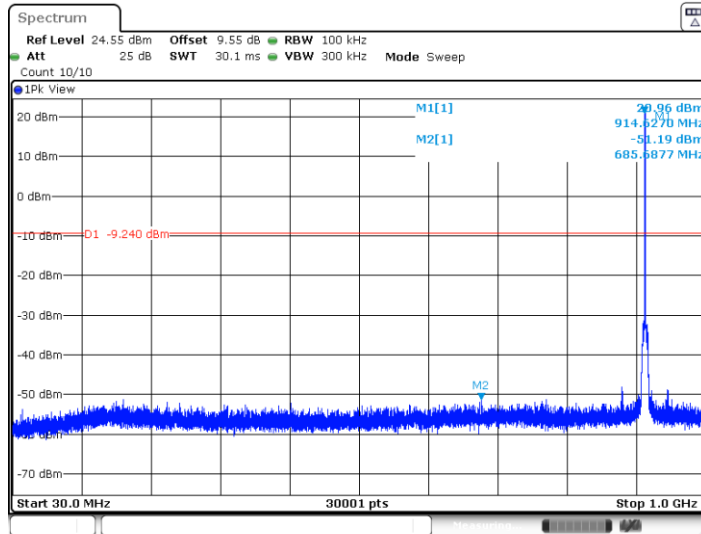
DTS-SF9_Ant1_902.5_800~10000



Date: 5.APR.2024 15:59:18

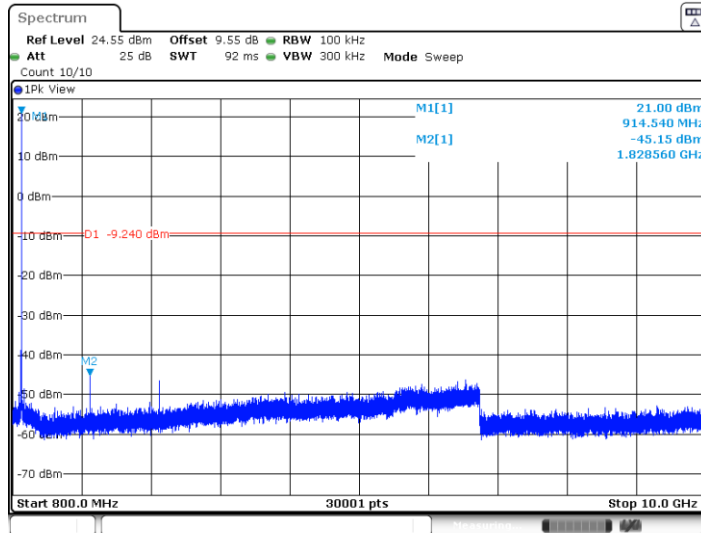


DTS-SF9_Ant1_914.5_30~1000



Date: 5.APR.2024 16:00:41

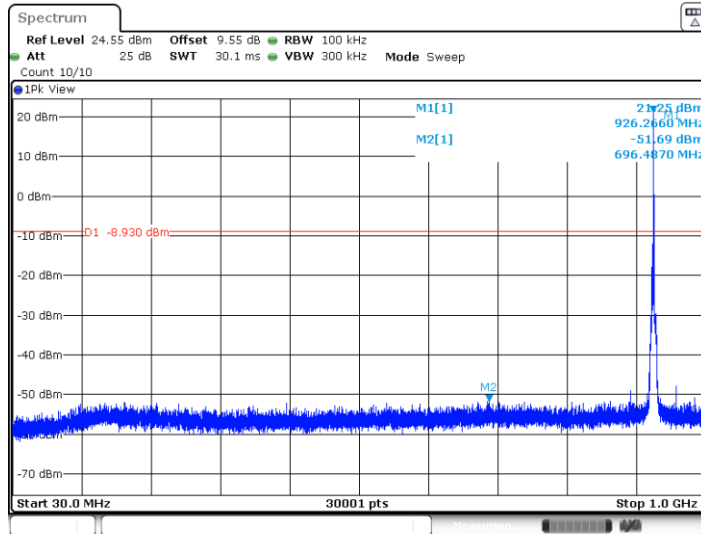
DTS-SF9_Ant1_914.5_800~10000



Date: 5.APR.2024 16:00:51

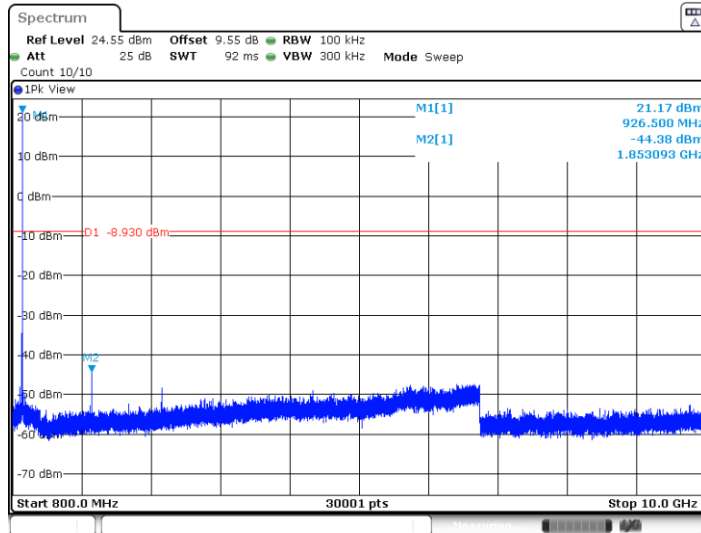


DTS-SF9_Ant1_926.5_30~1000

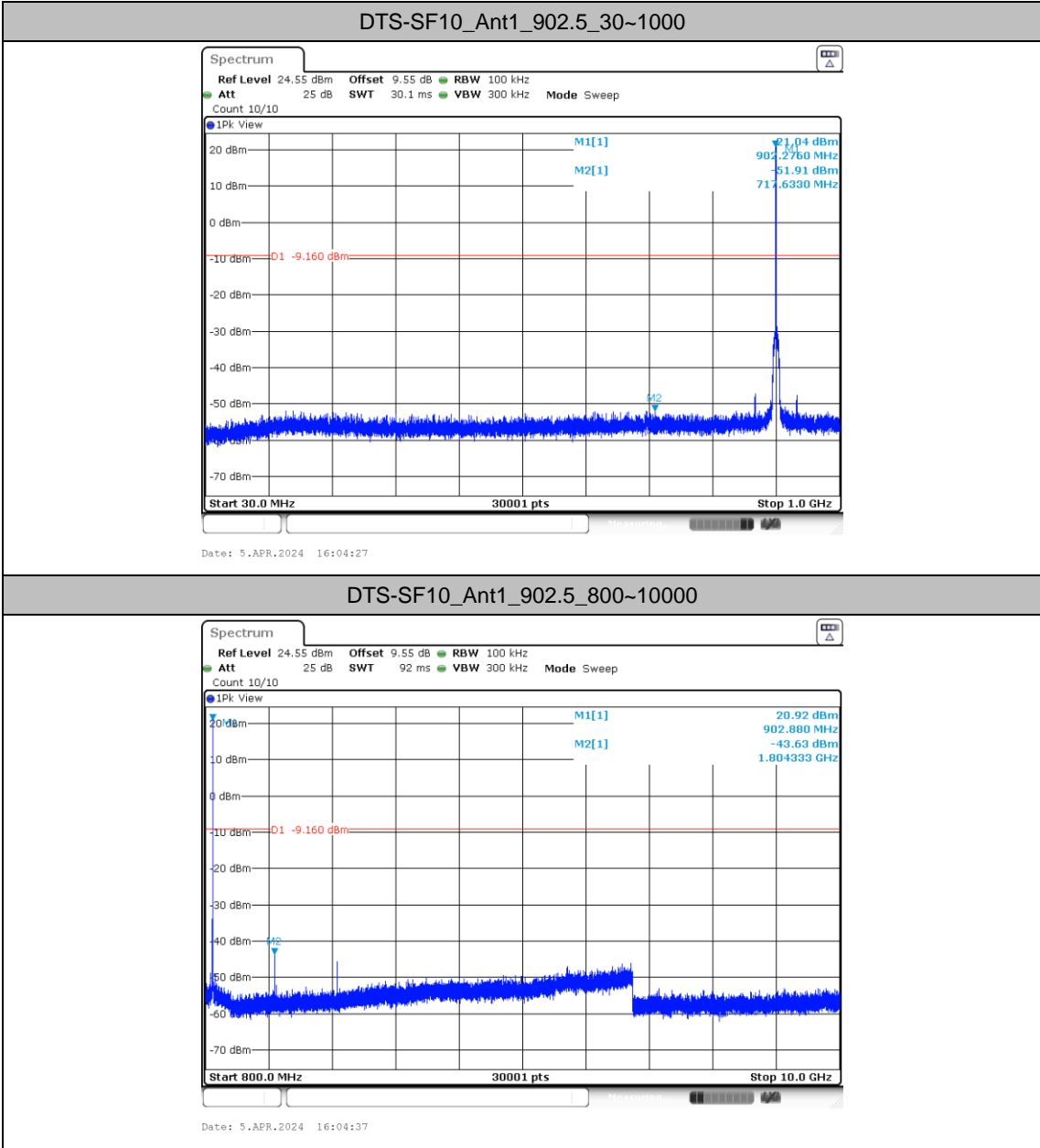


Date: 5.APR.2024 16:02:34

DTS-SF9_Ant1_926.5_800~10000

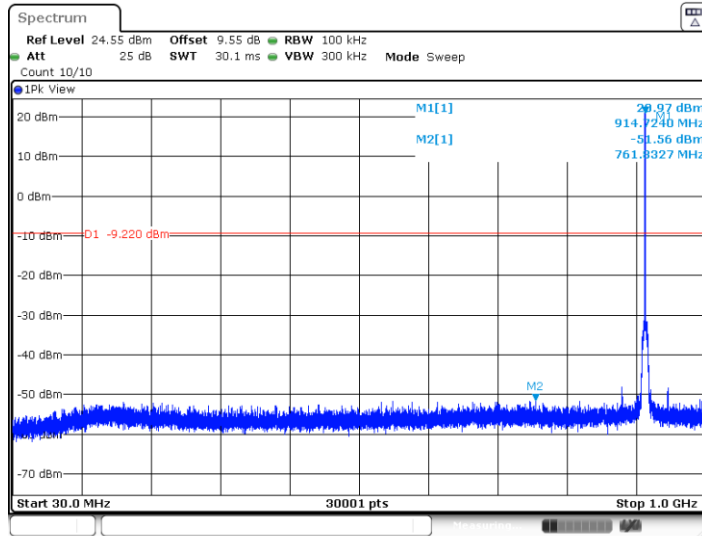


Date: 5.APR.2024 16:02:44



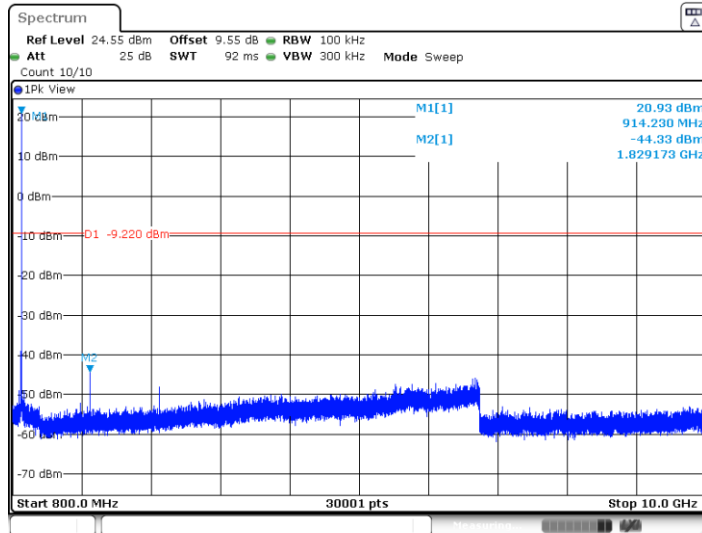


DTS-SF10_Ant1_914.5_30~1000



Date: 5.APR.2024 16:05:54

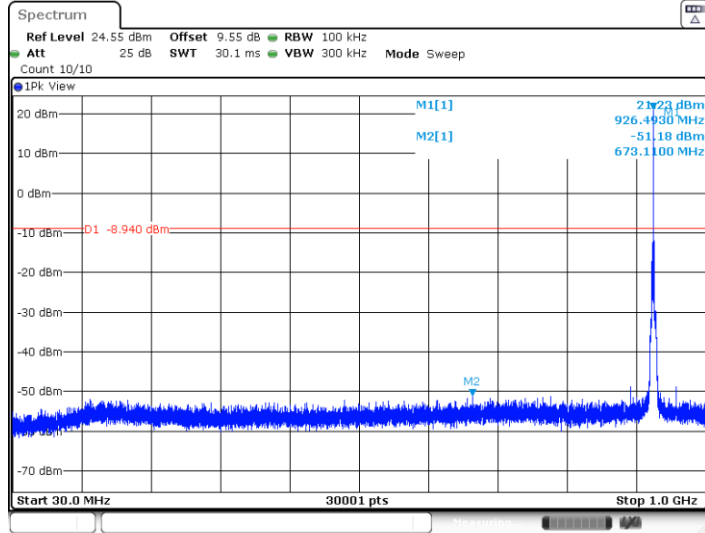
DTS-SF10_Ant1_914.5_800~10000



Date: 5.APR.2024 16:06:04

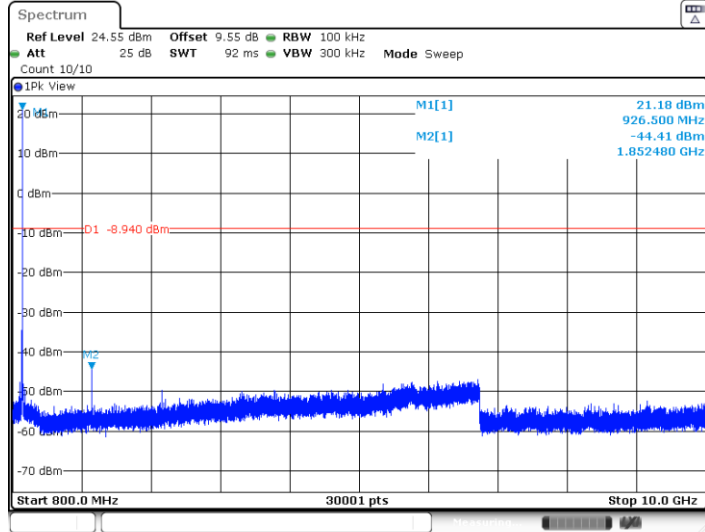


DTS-SF10_Ant1_926.5_30~1000

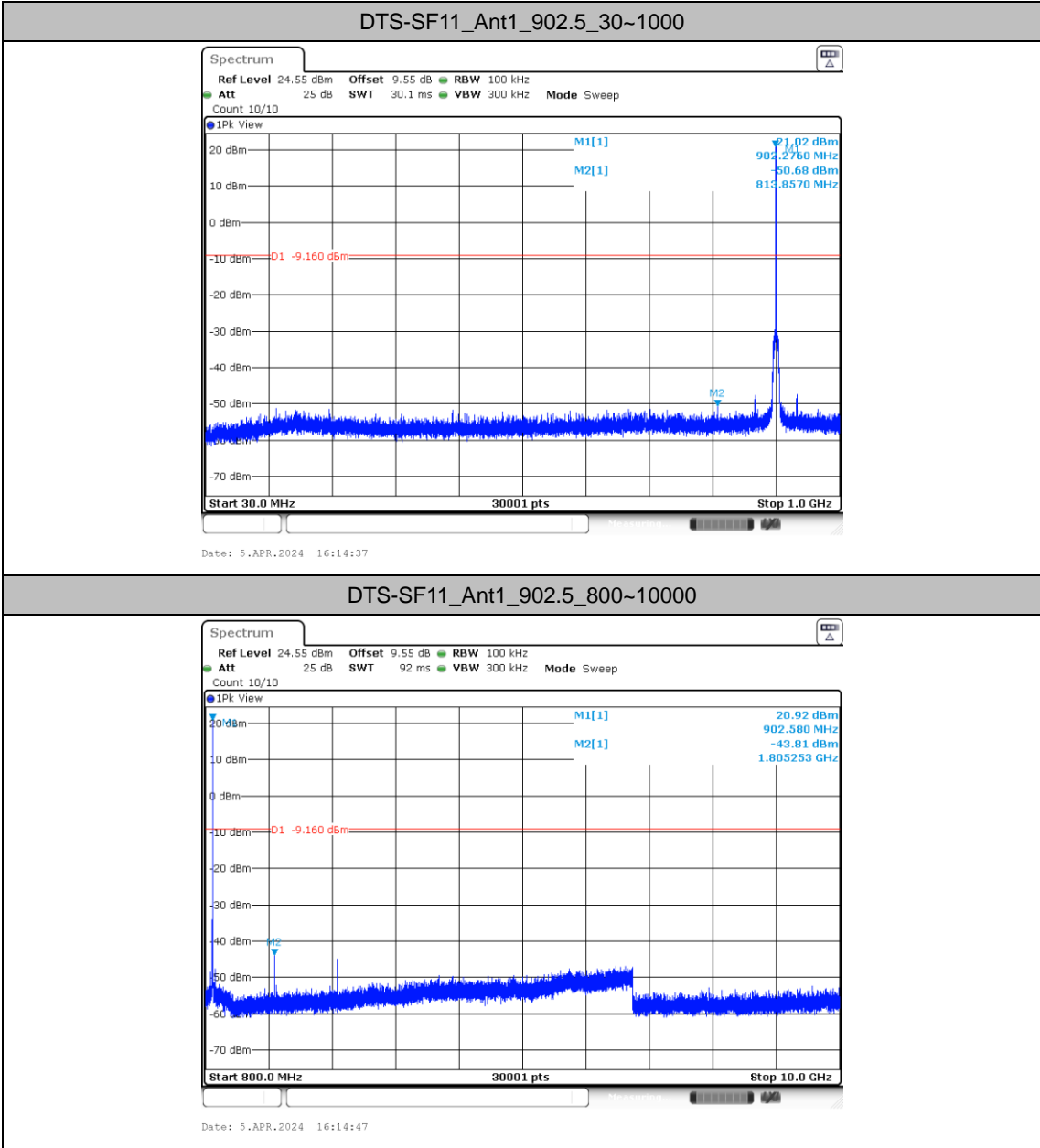


Date: 5.APR.2024 16:07:36

DTS-SF10_Ant1_926.5_800~10000

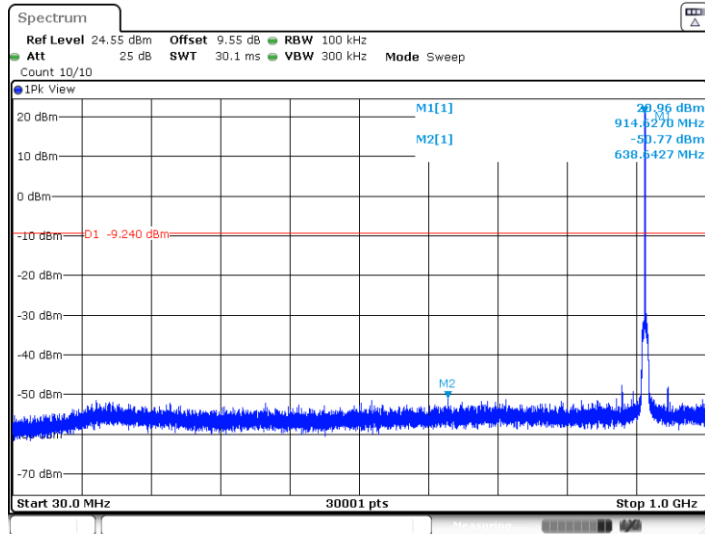


Date: 5.APR.2024 16:07:46

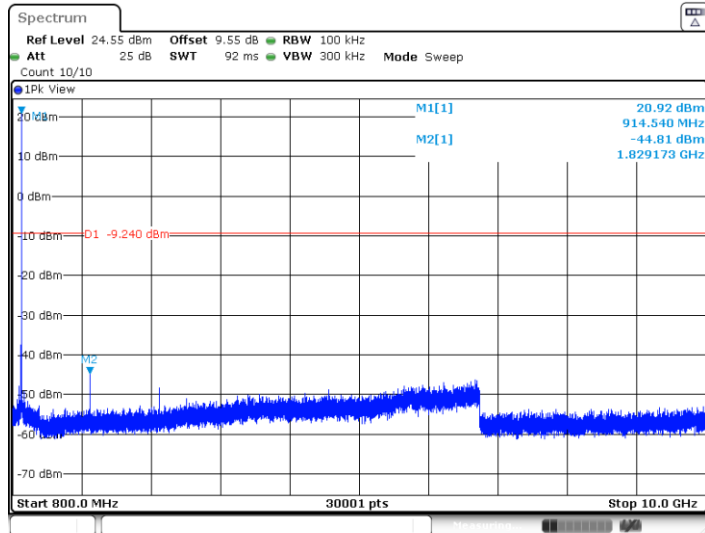


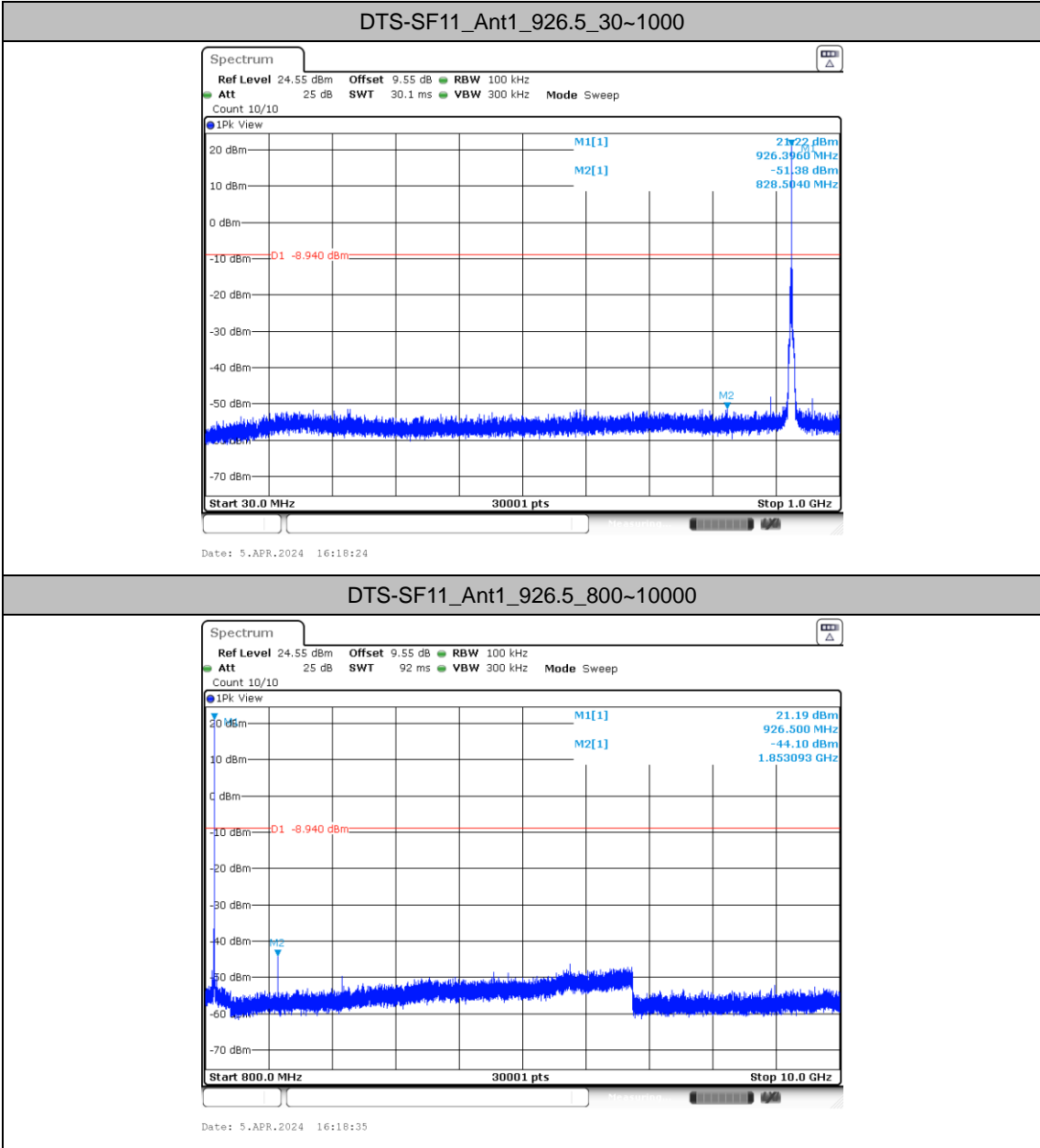


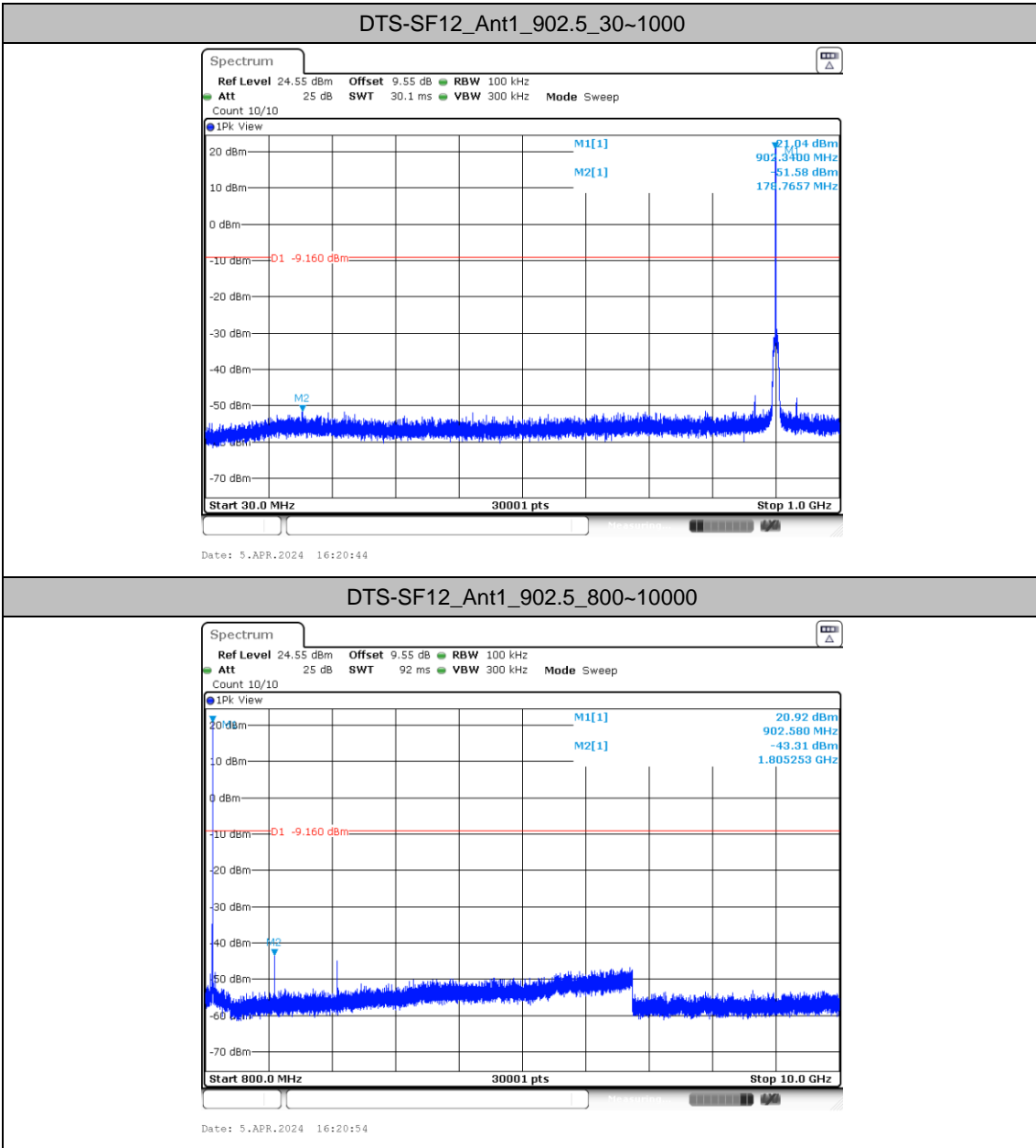
DTS-SF11_Ant1_914.5_30~1000



DTS-SF11_Ant1_914.5_800~10000

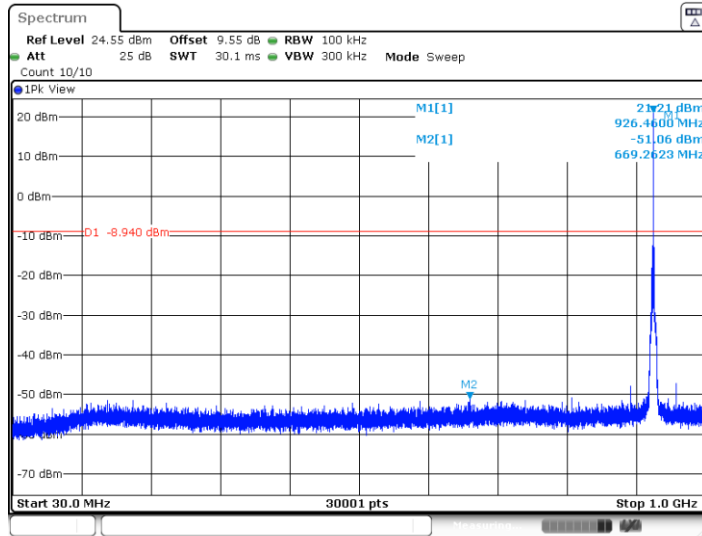






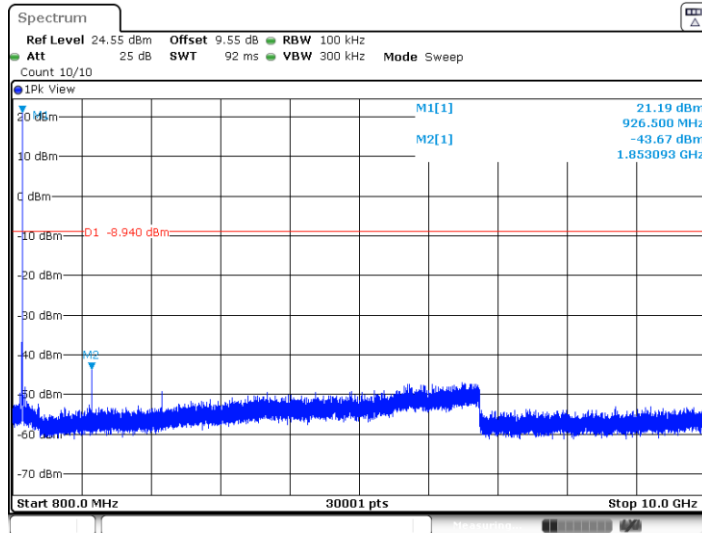


DTS-SF12_Ant1_926.5_30~1000



Date: 5.APR.2024 16:24:27

DTS-SF12_Ant1_926.5_800~10000

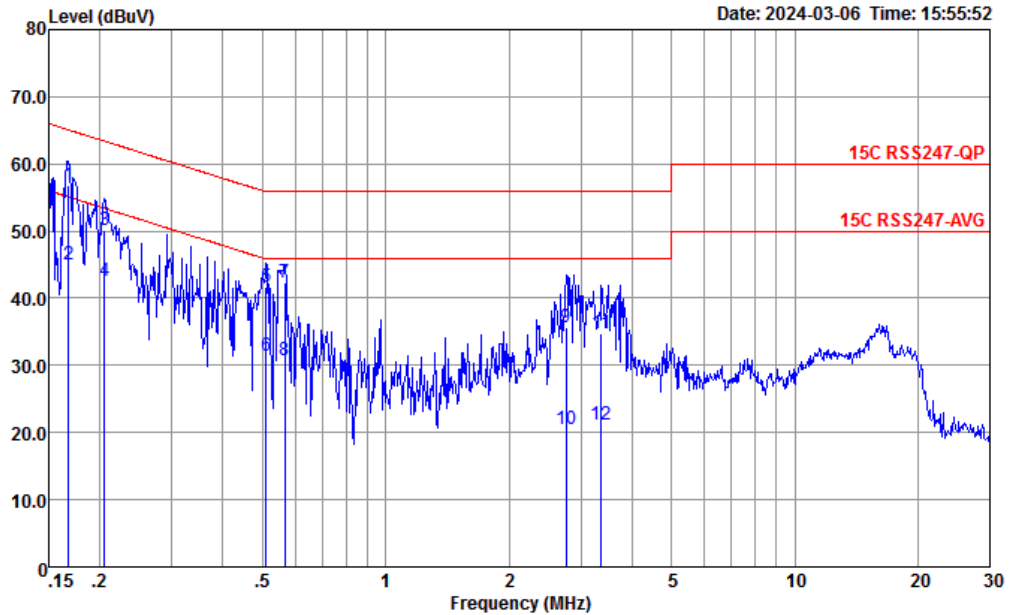


Date: 5.APR.2024 16:24:37



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line

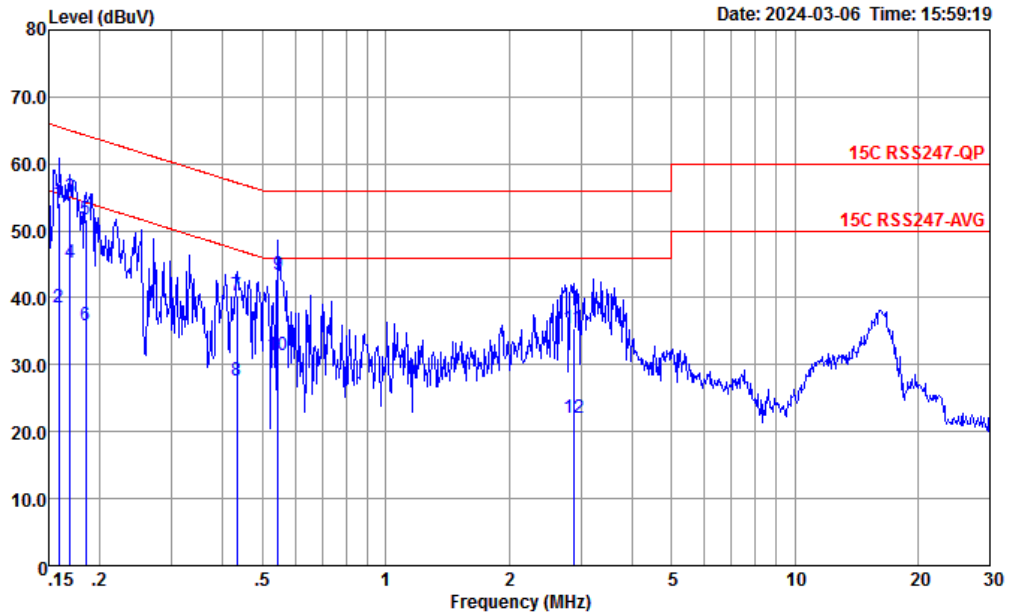


Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060105-L 2023 LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.168	56.76	-8.32	65.08	46.30	0.04	10.42	QP
2	0.168	45.06	-10.02	55.08	34.60	0.04	10.42	Average
3	0.205	50.04	-13.36	63.40	39.60	0.03	10.41	QP
4	0.205	42.64	-10.76	53.40	32.20	0.03	10.41	Average
5	0.510	41.68	-14.32	56.00	31.49	-0.03	10.22	QP
6	0.510	31.38	-14.62	46.00	21.19	-0.03	10.22	Average
7	0.567	42.35	-13.65	56.00	32.21	-0.05	10.19	QP
8	0.567	30.65	-15.35	46.00	20.51	-0.05	10.19	Average
9	2.765	35.58	-20.42	56.00	25.60	-0.09	10.07	QP
10	2.765	20.48	-25.52	46.00	10.50	-0.09	10.07	Average
11	3.364	34.77	-21.23	56.00	24.79	-0.09	10.07	QP
12	3.364	21.27	-24.73	46.00	11.29	-0.09	10.07	Average



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060105-N 2023 NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.159	54.06	-11.46	65.52	43.60	0.04	10.42	QP
2	0.159	38.66	-16.86	55.52	28.20	0.04	10.42	Average
3	0.169	55.06	-9.93	64.99	44.60	0.04	10.42	QP
4 *	0.169	45.16	-9.83	54.99	34.70	0.04	10.42	Average
5	0.184	51.66	-12.62	64.28	41.20	0.05	10.41	QP
6	0.184	35.96	-18.32	54.28	25.50	0.05	10.41	Average
7	0.433	40.40	-16.80	57.20	30.20	-0.06	10.26	QP
8	0.433	27.70	-19.50	47.20	17.50	-0.06	10.26	Average
9	0.546	43.43	-12.57	56.00	33.30	-0.07	10.20	QP
10	0.546	31.33	-14.67	46.00	21.20	-0.07	10.20	Average
11	2.884	35.44	-20.56	56.00	25.50	-0.13	10.07	QP
12	2.884	22.14	-23.86	46.00	12.20	-0.13	10.07	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

Remark: For RSE different Spread Factor, only the test data of SF12 is shown in the report according to the maximum power.

902.5~926.5MHz

LORA DTS SF=12 500KHZ (Band Edge @ 3m)

	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
902.5MHz		361.74	36.98	-9.02	46	45.68	20.61	2.77	32.08	-	-	P	H
		903	107.03	--	--	104.72	29.2	4.38	31.27	-	-	P	H
		390.84	35.2	-10.80	46	43.02	21.39	2.89	32.10	-	-	P	V
		903.00	114.35	--	--	112.04	29.2	4.38	31.27	-	-	P	V
914.5MHz		398.6	39.59	-6.41	46	47.08	21.7	2.92	32.11	-	-	P	H
		914.64	108.29	--	--	105.53	29.55	4.4	31.19	-	-	P	H
		457.77	35.87	-10.13	46	41.86	23.04	3.12	32.15	-	-	P	V
		914.64	116.39	--	--	113.63	29.55	4.4	31.19	-	-	P	V
926.5MHz		398.6	38.88	-7.12	46	46.37	21.7	2.92	32.11	-	-	P	H
		926.28	108.76	--	--	105.49	29.96	4.43	31.12	-	-	P	H
		389.87	36.73	-9.27	46	44.6	21.35	2.88	32.1	-	-	P	V
		926.28	116.69	--	--	113.42	29.96	4.43	31.12	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



LORA DTS SF=12 500KHZ (Harmonic @ 3m)

	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
902.5MHz		1028.80	42.49	-31.51	74	74.07	28.91	4.65	65.14	-	-	P	H
		2708.20	51.89	-22.11	74	76.80	33.05	7.58	65.54	333	243	P	H
		2708.20	50.19	-3.81	54	75.10	33.05	7.58	65.54	333	243	A	H
		5416.00	49.86	-24.14	74	69.28	35.24	10.79	65.45	-	-	P	H
		1047.40	47.99	-26.01	74	79.86	28.59	4.69	65.15	-	-	P	V
		2708.20	47.60	-26.40	74	72.51	33.05	7.58	65.54	-	-	P	V
		5415.40	52.19	-21.81	74	71.61	35.24	10.79	65.45	250	310	P	V
		5415.40	48.78	-5.22	54	68.2	35.24	10.79	65.45	250	310	A	V
914.5MHz		1057.60	45.10	-28.90	74	77.13	28.42	4.71	65.16	-	-	P	H
		2744.20	51.46	-22.54	74	76.50	32.83	7.63	65.50	326	248	P	H
		2744.20	50.06	-3.94	54	75.10	32.83	7.63	65.50	326	248	A	H
		5487.40	52.80	-35.49	88.29	72.40	34.95	10.87	65.42	-	-	P	H
		1058.20	50.79	-23.21	74	82.83	28.41	4.71	65.16	100	335	P	V
		1058.20	44.46	-9.54	54	76.50	28.41	4.71	65.16	100	335	A	V
		2743.00	48.68	-25.32	74	73.71	32.84	7.63	65.50	-	-	P	V
		5486.20	54.71	-41.68	96.39	74.30	34.96	10.87	65.42	-	-	P	V
926.5MHz		1059.40	47.87	-26.13	74	79.92	28.39	4.72	65.16	-	-	P	H
		2779.00	48.62	-25.38	74	73.77	32.63	7.68	65.46	-	-	P	H
		5557.60	52.23	-36.53	88.76	71.77	34.90	10.95	65.39	-	-	P	H
		1073.80	50.22	-23.78	74	82.49	28.15	4.75	65.17	-	-	P	V
		2779.00	48.34	-25.66	74	73.49	32.63	7.68	65.46	-	-	P	V
		5559.40	54.05	-42.64	96.69	73.58	34.90	10.96	65.39	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
902.5MHz		2708.20	51.89	-22.11	74	76.80	33.05	7.58	65.54	333	243	P	H
		2708.20	50.19	-3.81	54	75.10	33.05	7.58	65.54	333	243	A	H

- Level(dBμV/m) = Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2708.20MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 33.05(dB/m) + 7.58(dB) + 76.80(dBμV) – 65.54 (dB)
= 51.89 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 51.89(dBμV/m) – 74(dBμV/m)
= -22.11(dB)

For Average Limit @ 2708.20MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 33.05(dB/m) + 7.58(dB) + 75.10(dBμV) – 65.54 (dB)
= 50.19 (dBμV/m)
- Over Limit(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 50.19(dBμV/m) – 54(dBμV/m)
= -3.81(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".



Appendix D. Radiated Spurious Emission Plots

Note symbol

-L	Low channel location
-R	High channel location



LoRa 500KHz DTS SF=12 (Band Edge @ 3m)

LoRa	902.5-926.5 Band Edge @ 3m																																																																																									
ANT	LoRa 500KHz DTS SF=12 CH01 902.5																																																																																									
	Horizontal	Vertical																																																																																								
Peak	<table border="1"> <thead> <tr> <th>Over</th> <th>L1</th> <th>L2</th> <th>Read</th> <th>Cable</th> <th>Antenna</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>361.74</td> <td>36.98</td> <td>-9.82</td> <td>46.00</td> <td>45.68</td> <td>2.77</td> <td>28.61</td> <td>32.88</td> <td>---</td> <td>Peak HORIZONTAL</td> </tr> <tr> <td>2</td> <td>903.00</td> <td>107.03</td> <td>.....</td> <td>104.72</td> <td>4.38</td> <td>29.28</td> <td>31.27</td> <td>---</td> <td>Peak HORIZONTAL</td> <td></td> </tr> </tbody> </table>	Over	L1	L2	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Poi/Phas	Freq	Level	Limit	Line	Loss	Factor	Factor	dB	cm	deg		1	361.74	36.98	-9.82	46.00	45.68	2.77	28.61	32.88	---	Peak HORIZONTAL	2	903.00	107.03	104.72	4.38	29.28	31.27	---	Peak HORIZONTAL		<table border="1"> <thead> <tr> <th>Over</th> <th>L1</th> <th>L2</th> <th>Read</th> <th>Cable</th> <th>Antenna</th> <th>Preamp</th> <th>A/Pos</th> <th>T/Pos</th> <th>Remark</th> <th>Poi/Phas</th> </tr> <tr> <th>Freq</th> <th>Level</th> <th>Limit</th> <th>Line</th> <th>Loss</th> <th>Factor</th> <th>Factor</th> <th>dB</th> <th>cm</th> <th>deg</th> <th></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>390.84</td> <td>35.28</td> <td>-10.88</td> <td>46.00</td> <td>43.82</td> <td>2.89</td> <td>21.39</td> <td>32.18</td> <td>---</td> <td>Peak VERTICAL</td> </tr> <tr> <td>2</td> <td>903.00</td> <td>114.35</td> <td>.....</td> <td>112.04</td> <td>4.38</td> <td>29.28</td> <td>31.27</td> <td>---</td> <td>Peak VERTICAL</td> <td></td> </tr> </tbody> </table>	Over	L1	L2	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Poi/Phas	Freq	Level	Limit	Line	Loss	Factor	Factor	dB	cm	deg		1	390.84	35.28	-10.88	46.00	43.82	2.89	21.39	32.18	---	Peak VERTICAL	2	903.00	114.35	112.04	4.38	29.28	31.27	---	Peak VERTICAL	
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LoRa 500KHz DTS SF=12 (Harmonic @ 3m)

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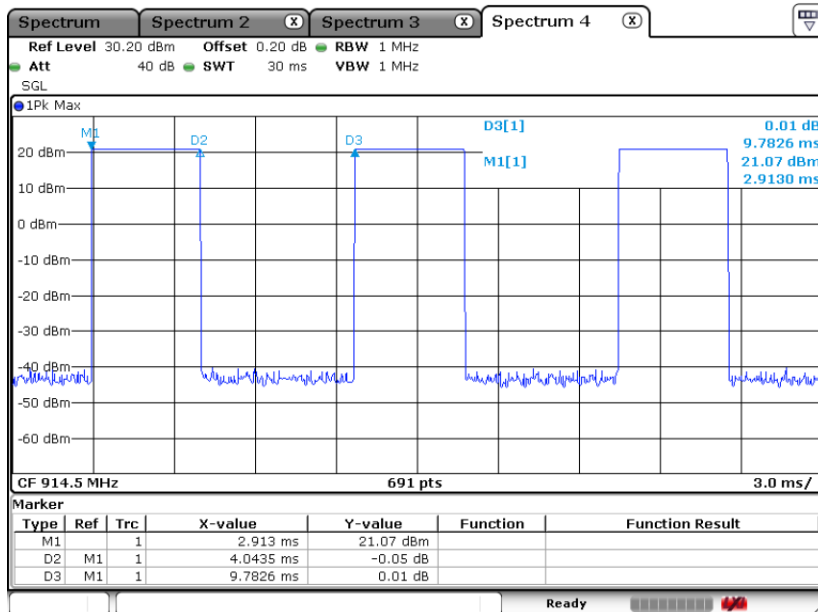
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Appendix E. Duty Cycle Plots

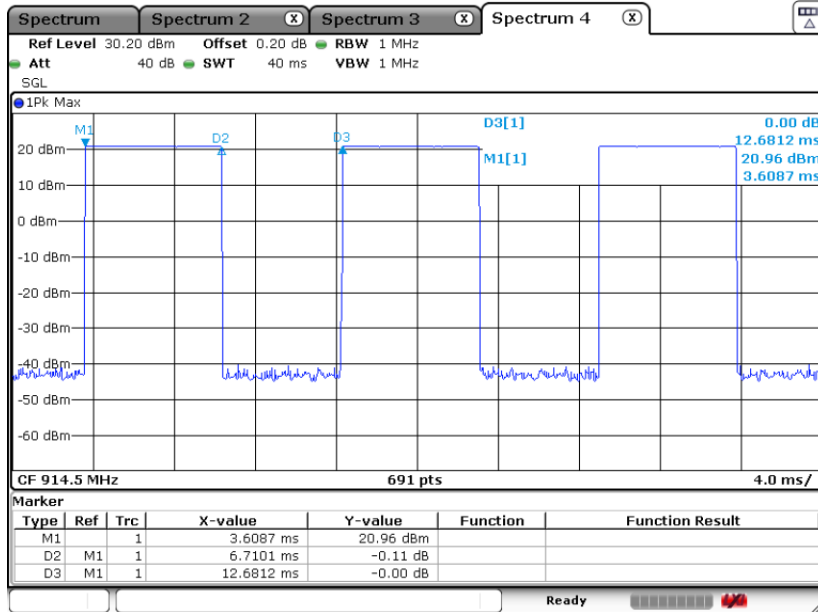
Band	Duty Cycle(%)	VBW Setting	Duty Factor (dB)
LORA DTS SF5	41.33	-	3.84
LORA DTS SF6	52.91	-	2.76
LORA DTS SF7	69.45	-	1.58
LORA DTS SF8	79.46	-	1.00
LORA DTS SF9	86.81	-	0.61
LORA DTS SF10	92.90	-	0.32
LORA DTS SF11	96.32	-	0.16
LORA DTS SF12	98.48	10Hz	0.07

LORA DTS SF5

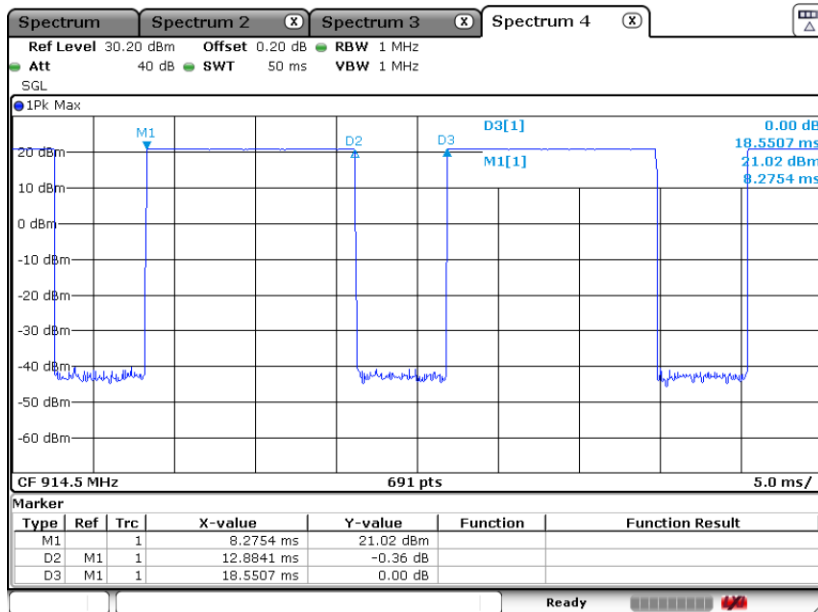




LORA DTS SF6

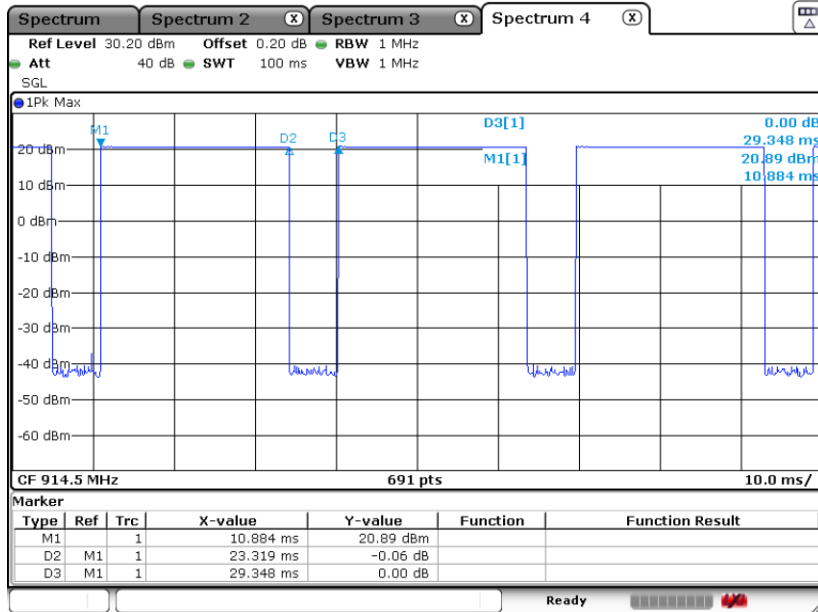


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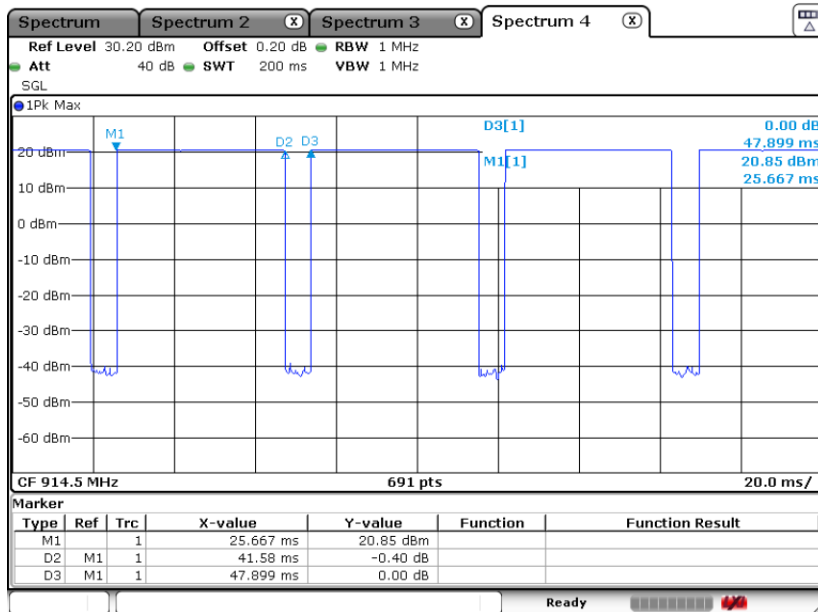




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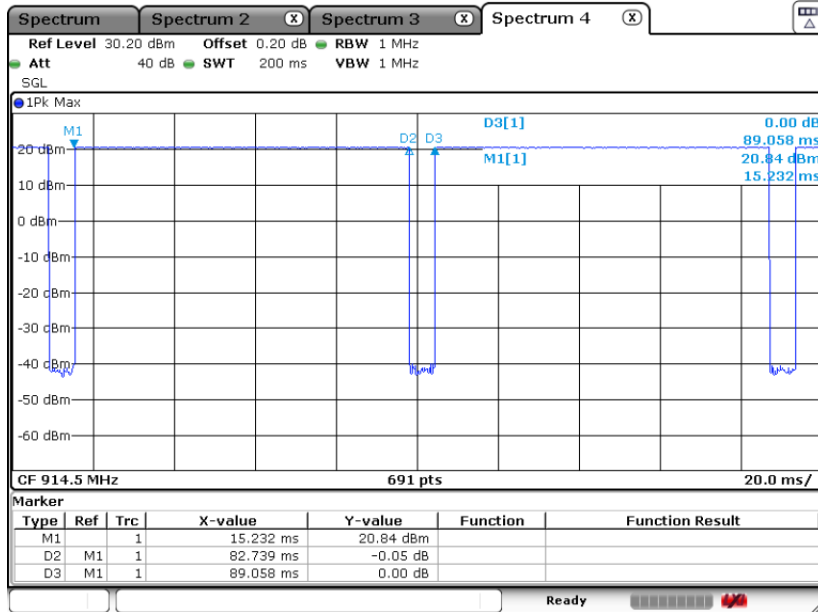


LORA DTS SF9

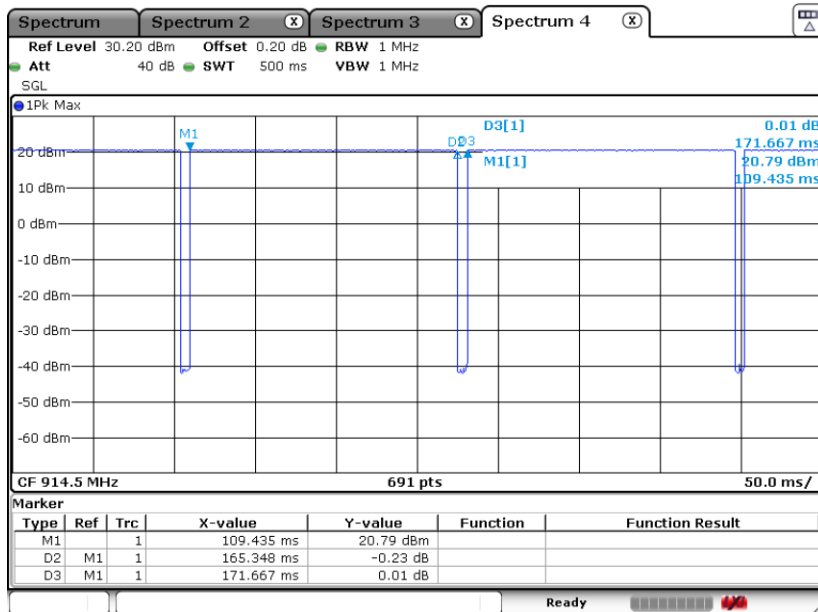




LORA DTS SF10



LORA DTS SF11





LORA DTS SF12

