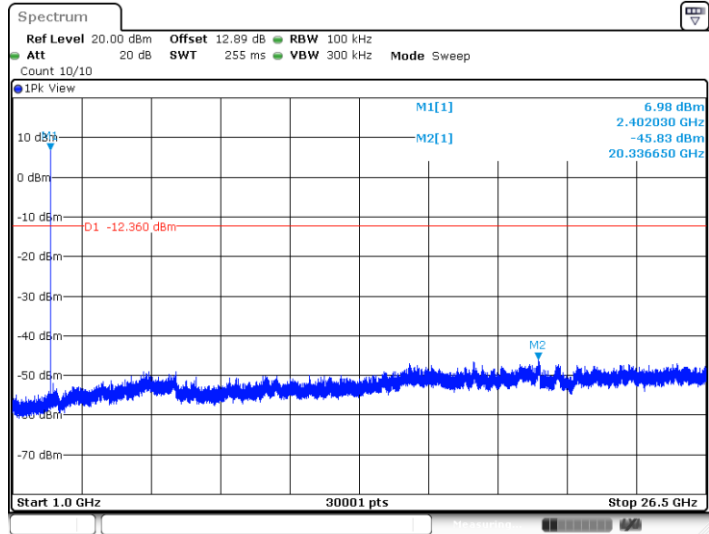


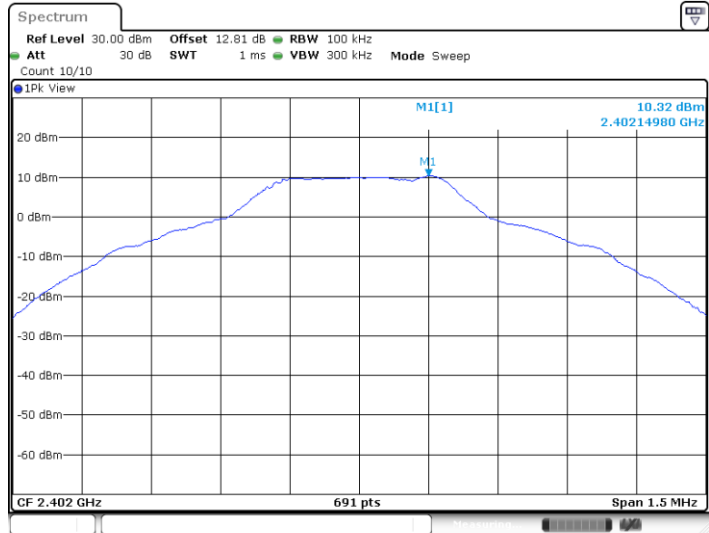


DH5_Ant5_2402_1000~26500



Date: 13.JAN.2023 13:49:24

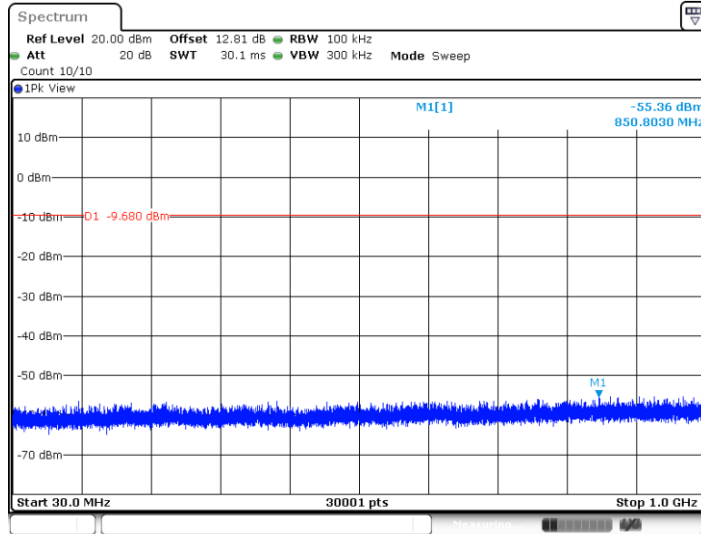
DH5_Ant4_2402_0~Reference



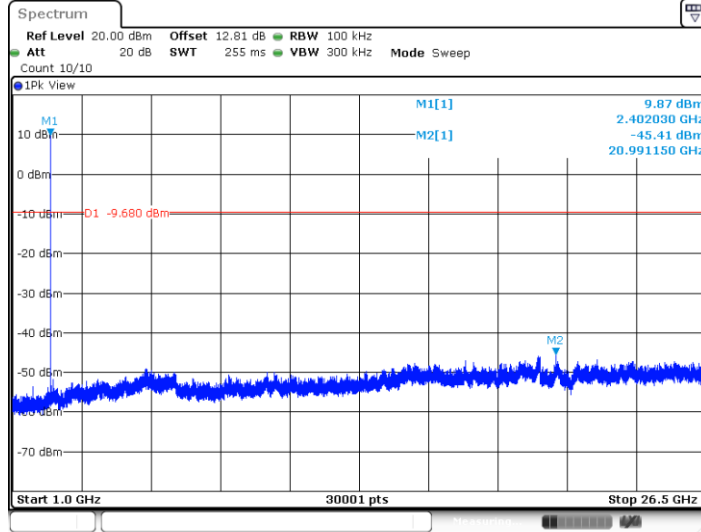
Date: 13.JAN.2023 14:14:17



DH5_Ant4_2402_30~1000

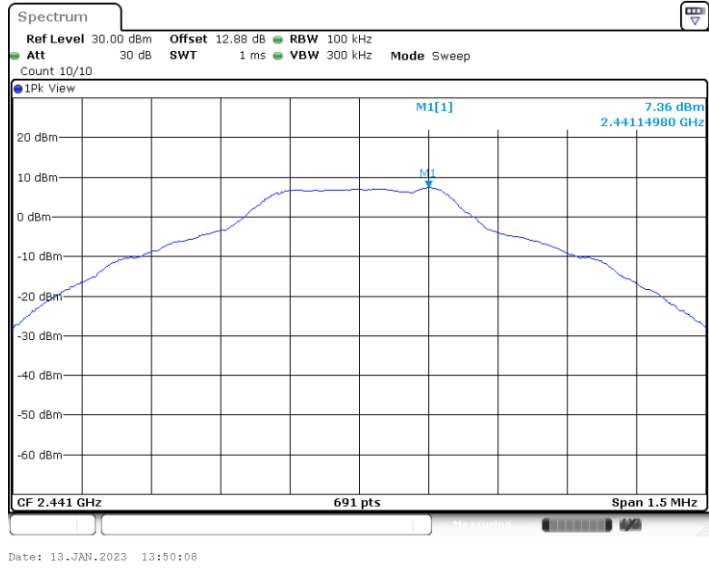


DH5_Ant4_2402_1000~26500

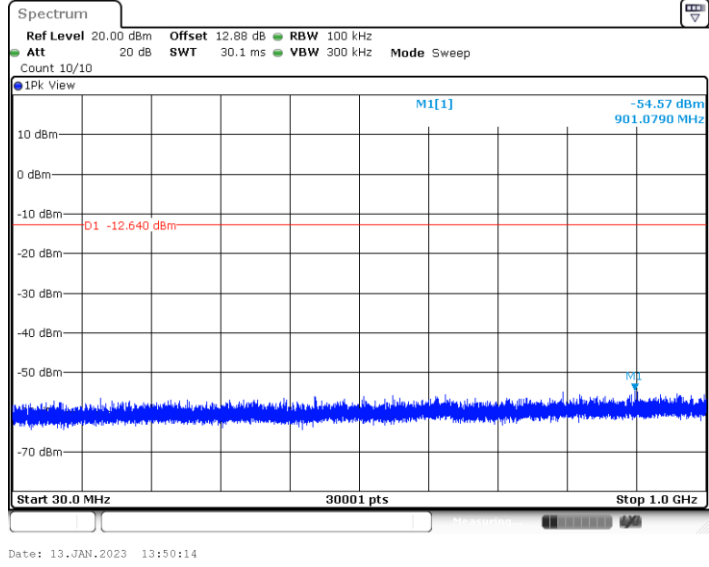




DH5_Ant5_2441_0~Reference

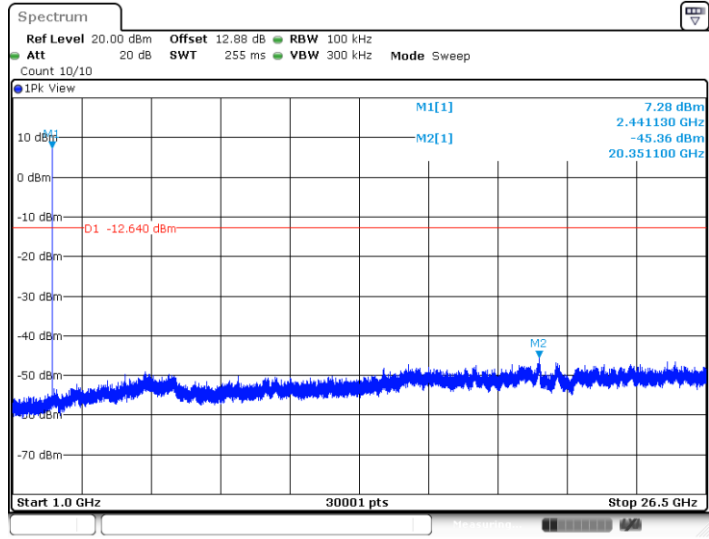


DH5_Ant5_2441_30~1000



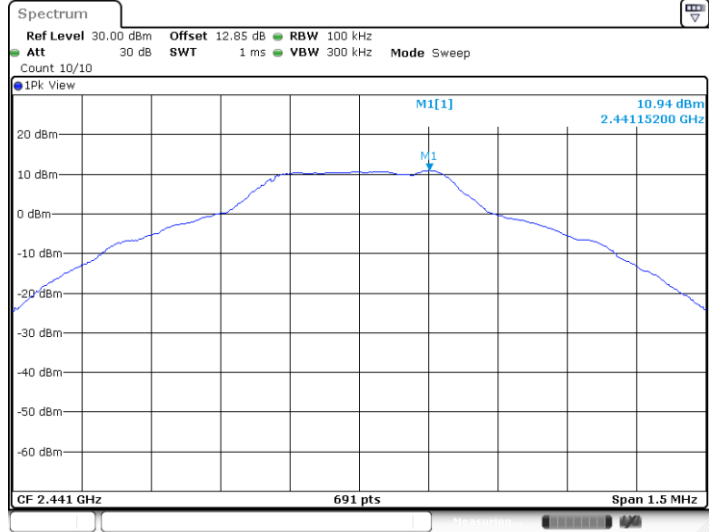


DH5_Ant5_2441_1000~26500



Date: 13.JAN.2023 13:50:51

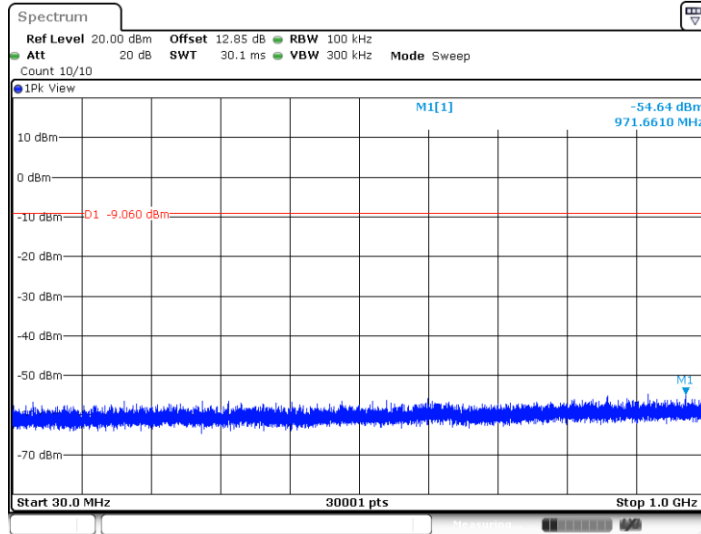
DH5_Ant4_2441_0~Reference



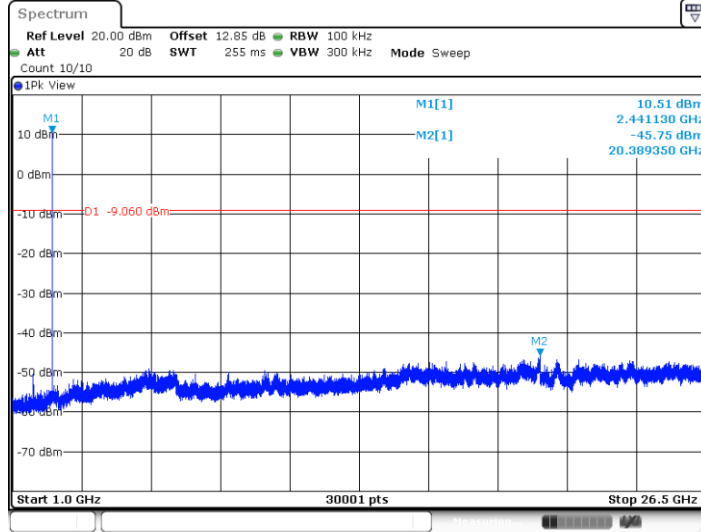
Date: 13.JAN.2023 14:15:41



DH5_Ant4_2441_30~1000

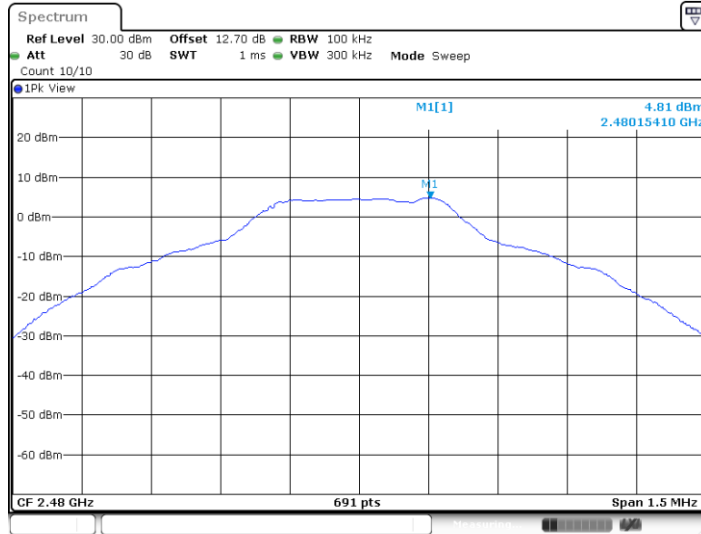


DH5_Ant4_2441_1000~26500

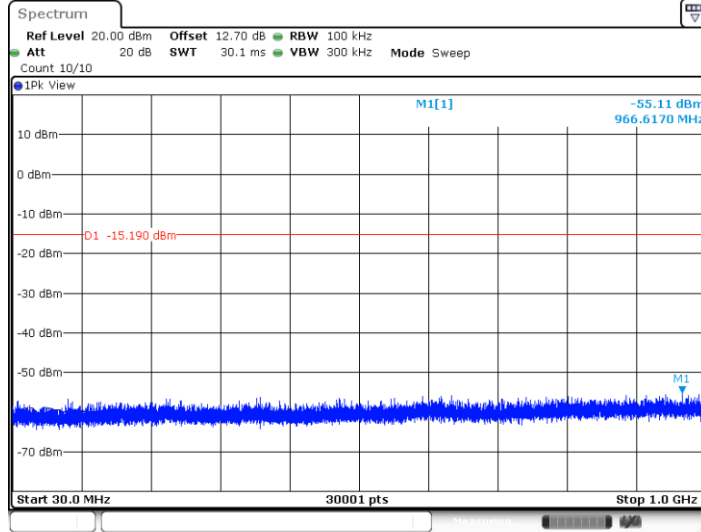




DH5_Ant5_2480_0~Reference

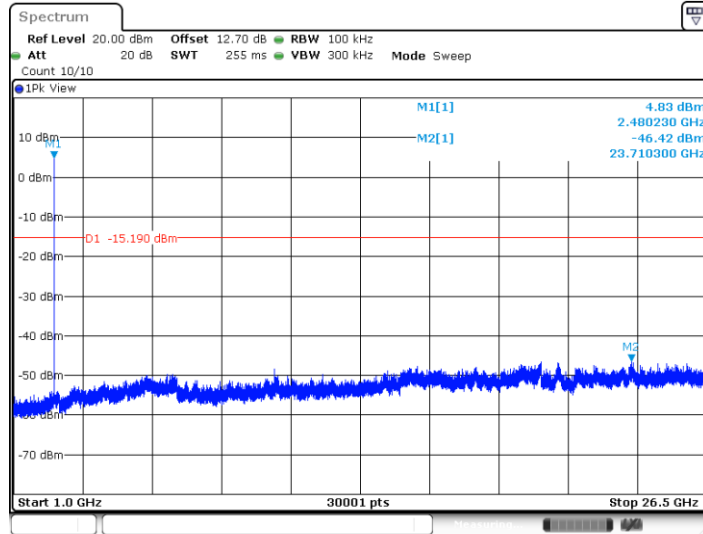


DH5_Ant5_2480_30~1000



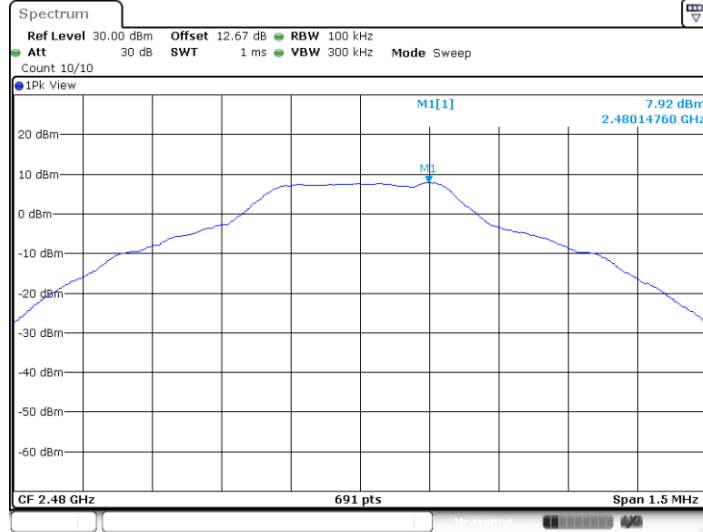


DH5_Ant5_2480_1000~26500



Date: 13.JAN.2023 13:52:33

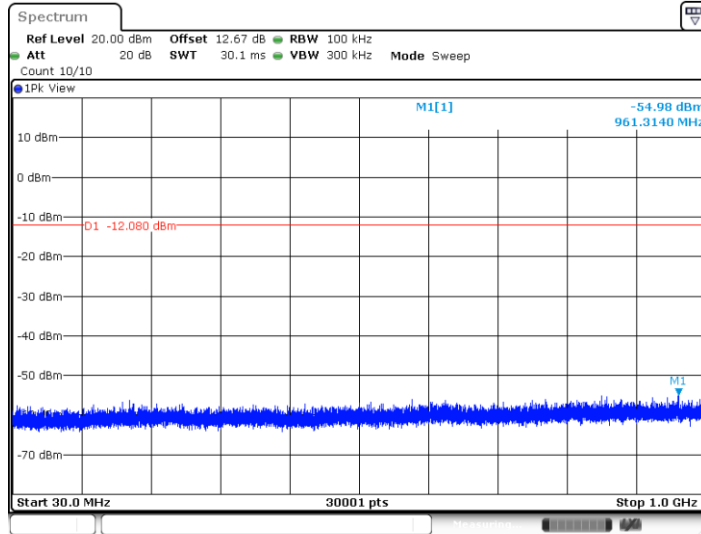
DH5_Ant4_2480_0~Reference



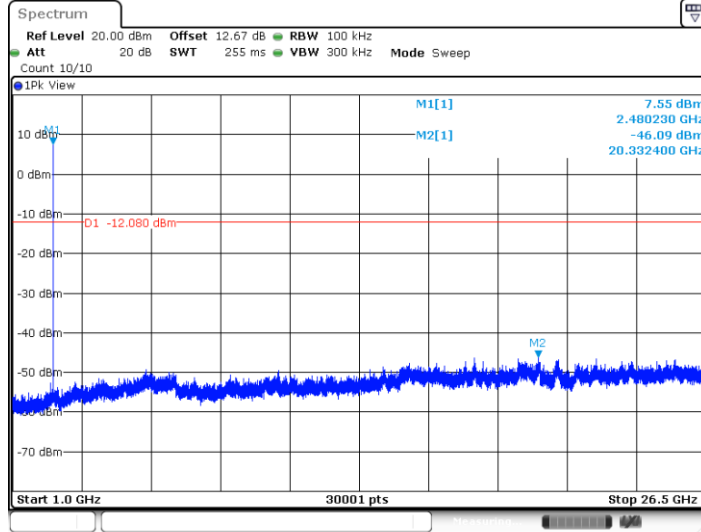
Date: 13.JAN.2023 14:17:26



DH5_Ant4_2480_30~1000

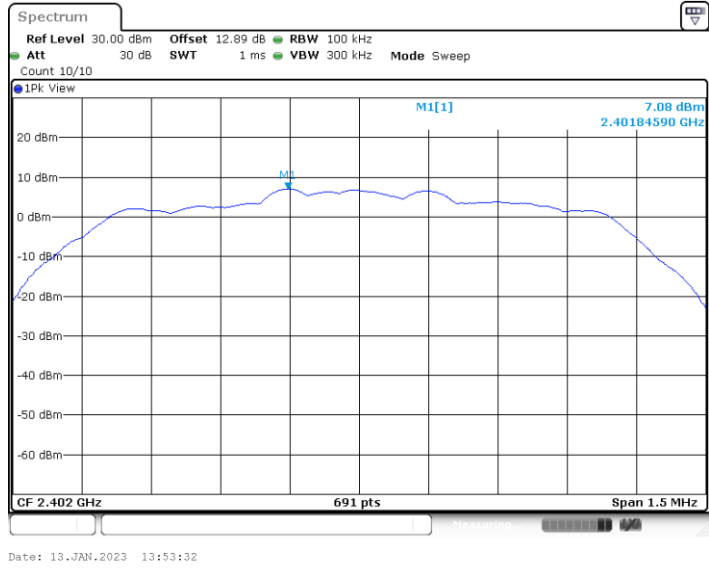


DH5_Ant4_2480_1000~26500

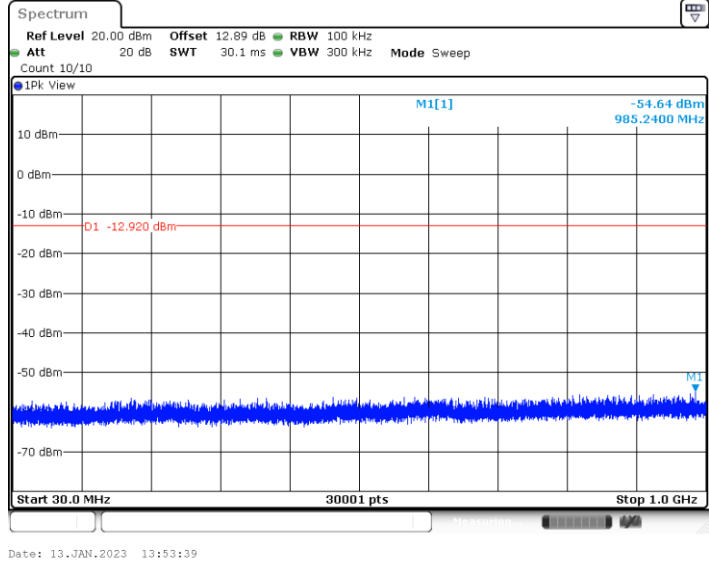




2DH1_Ant5_2402_0~Reference

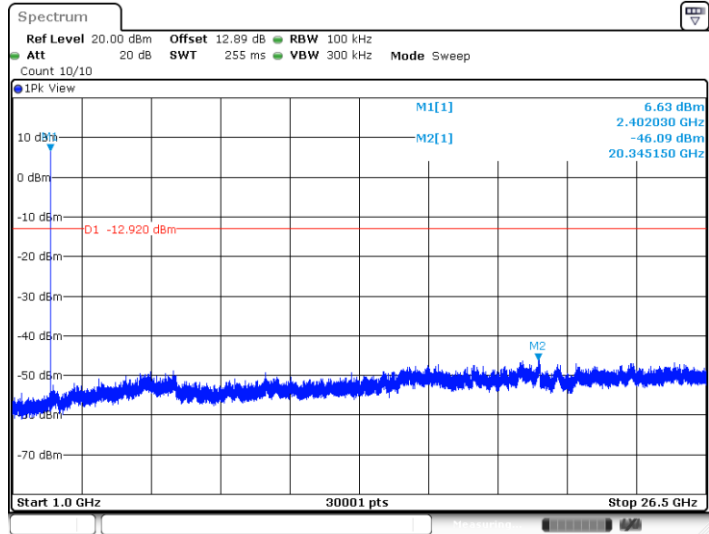


2DH1_Ant5_2402_30~1000



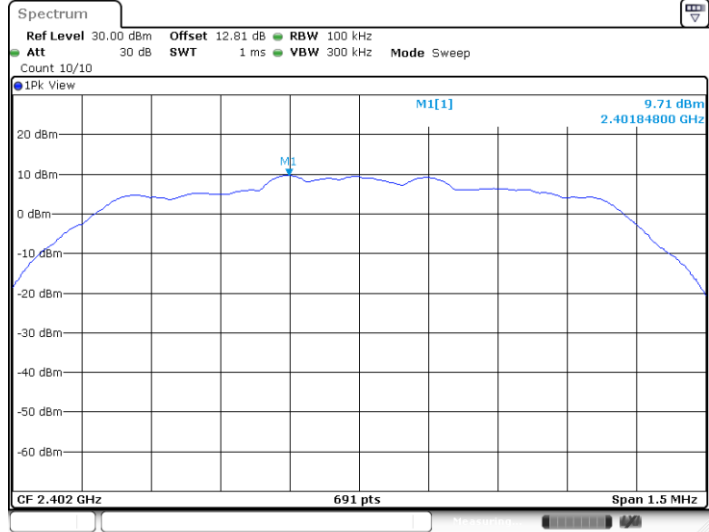


2DH1_Ant5_2402_1000~26500



Date: 13.JAN.2023 13:54:16

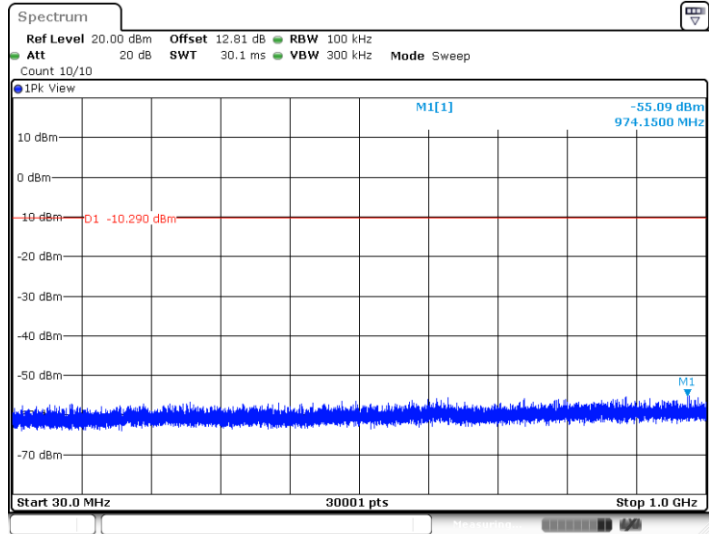
2DH1_Ant4_2402_0~Reference



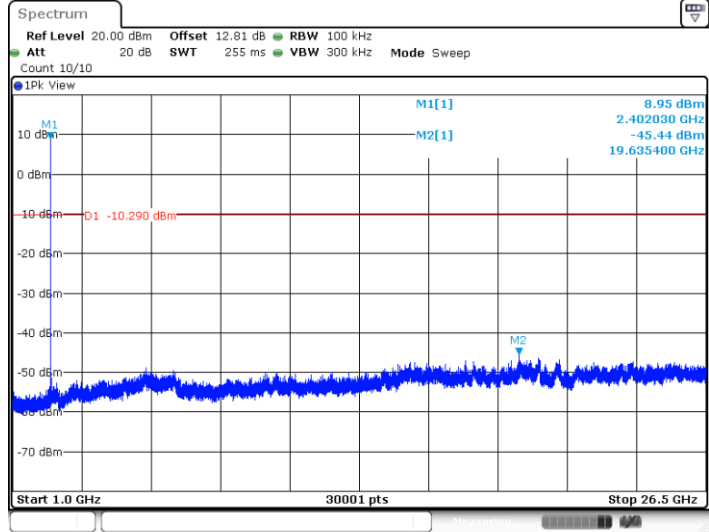
Date: 13.JAN.2023 14:19:09



2DH1_Ant4_2402_30~1000

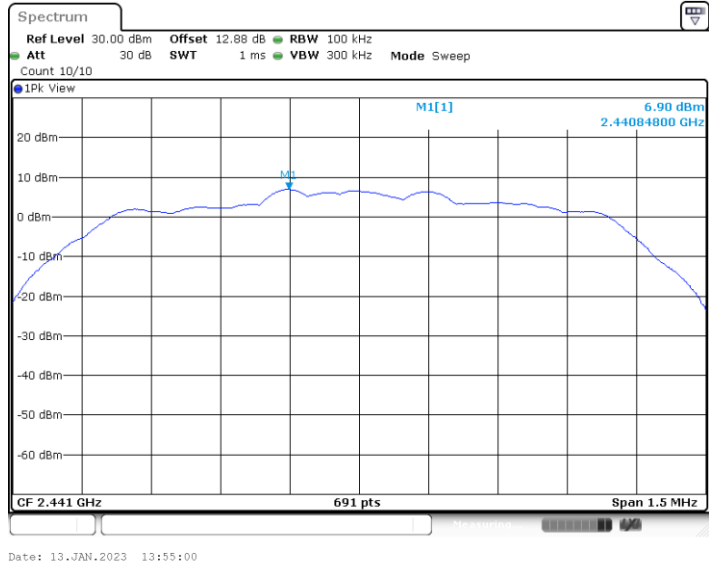


2DH1_Ant4_2402_1000~26500

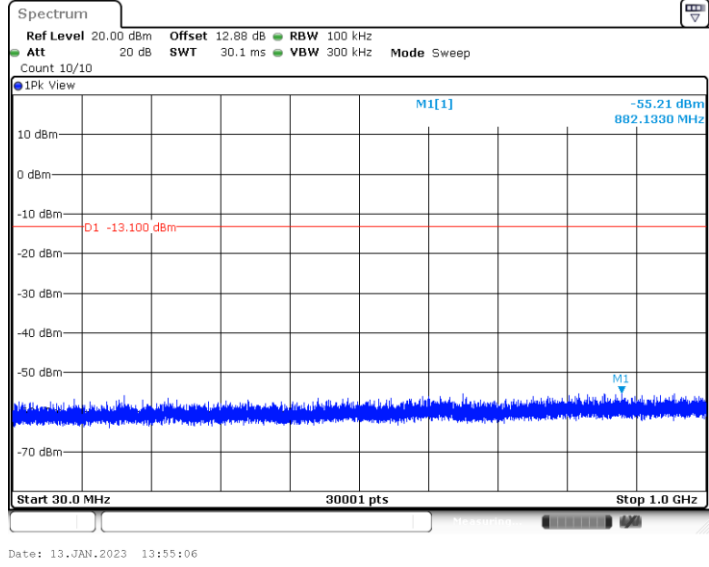




2DH1_Ant5_2441_0~Reference

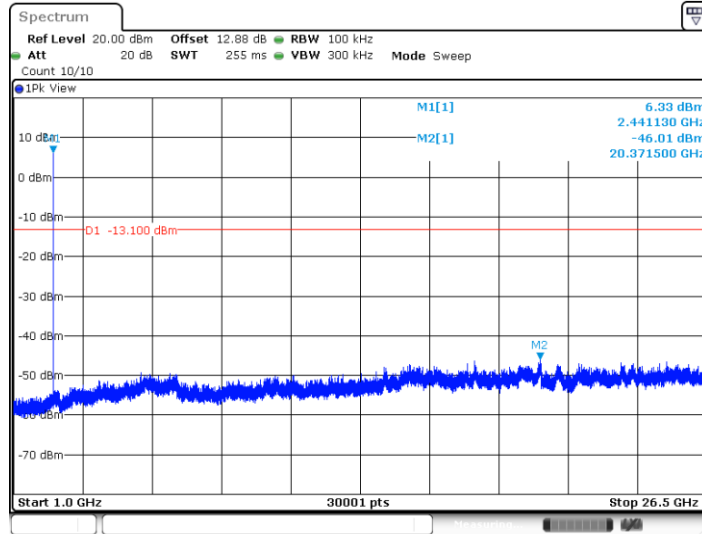


2DH1_Ant5_2441_30~1000



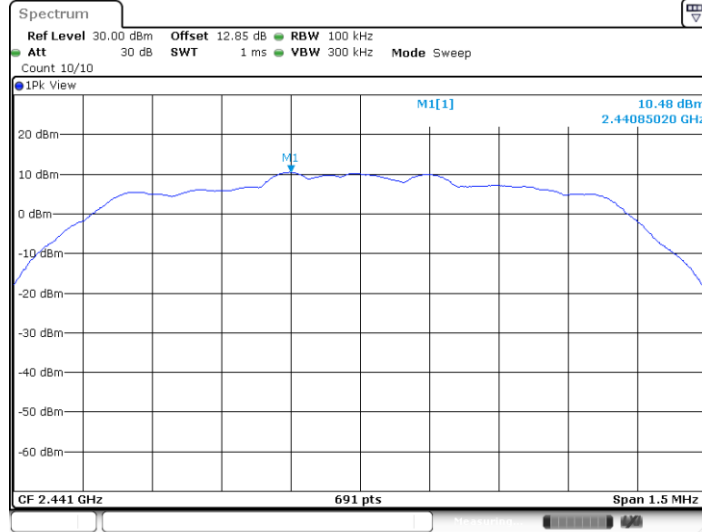


2DH1_Ant5_2441_1000~26500



Date: 13.JAN.2023 13:55:43

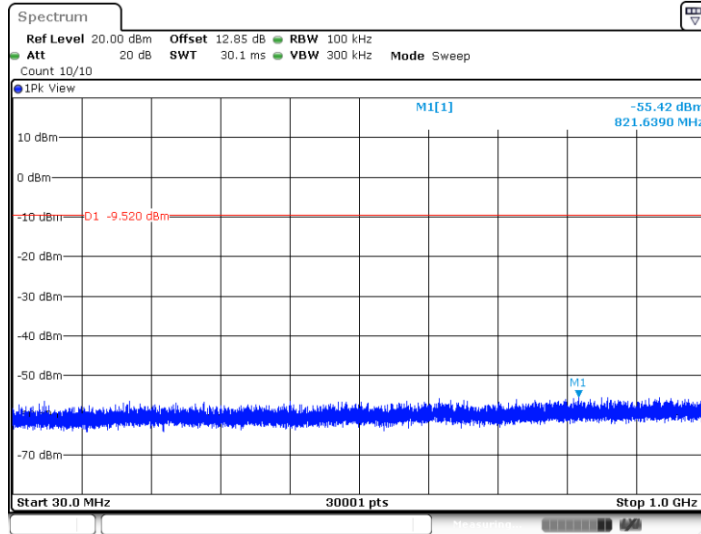
2DH1_Ant4_2441_0~Reference



Date: 13.JAN.2023 14:20:30

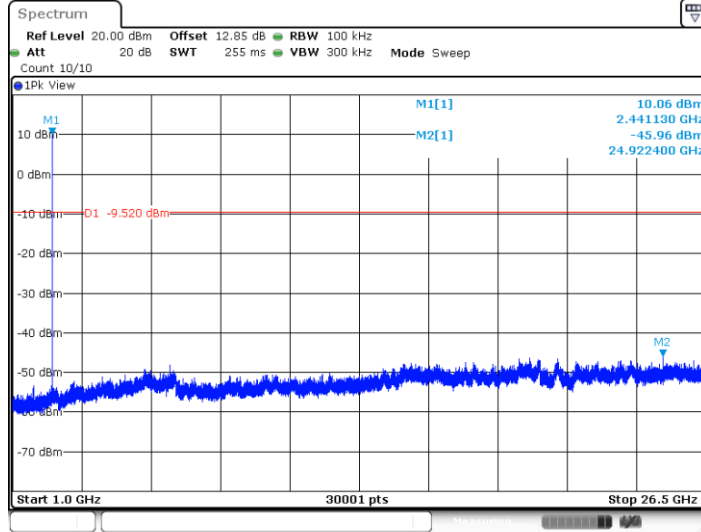


2DH1_Ant4_2441_30~1000



Date: 13.JAN.2023 14:20:36

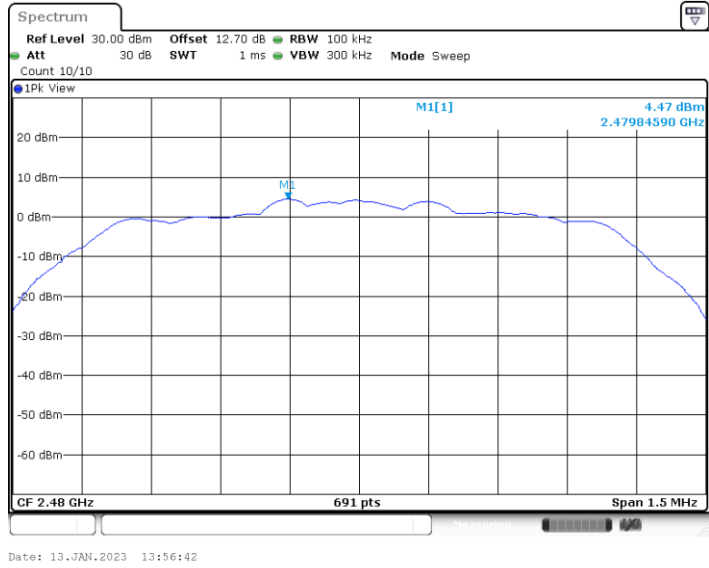
2DH1_Ant4_2441_1000~26500



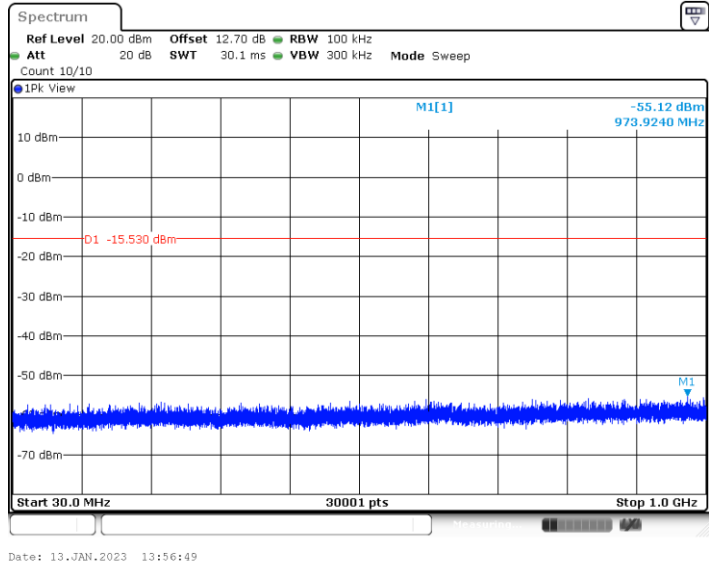
Date: 13.JAN.2023 14:21:13

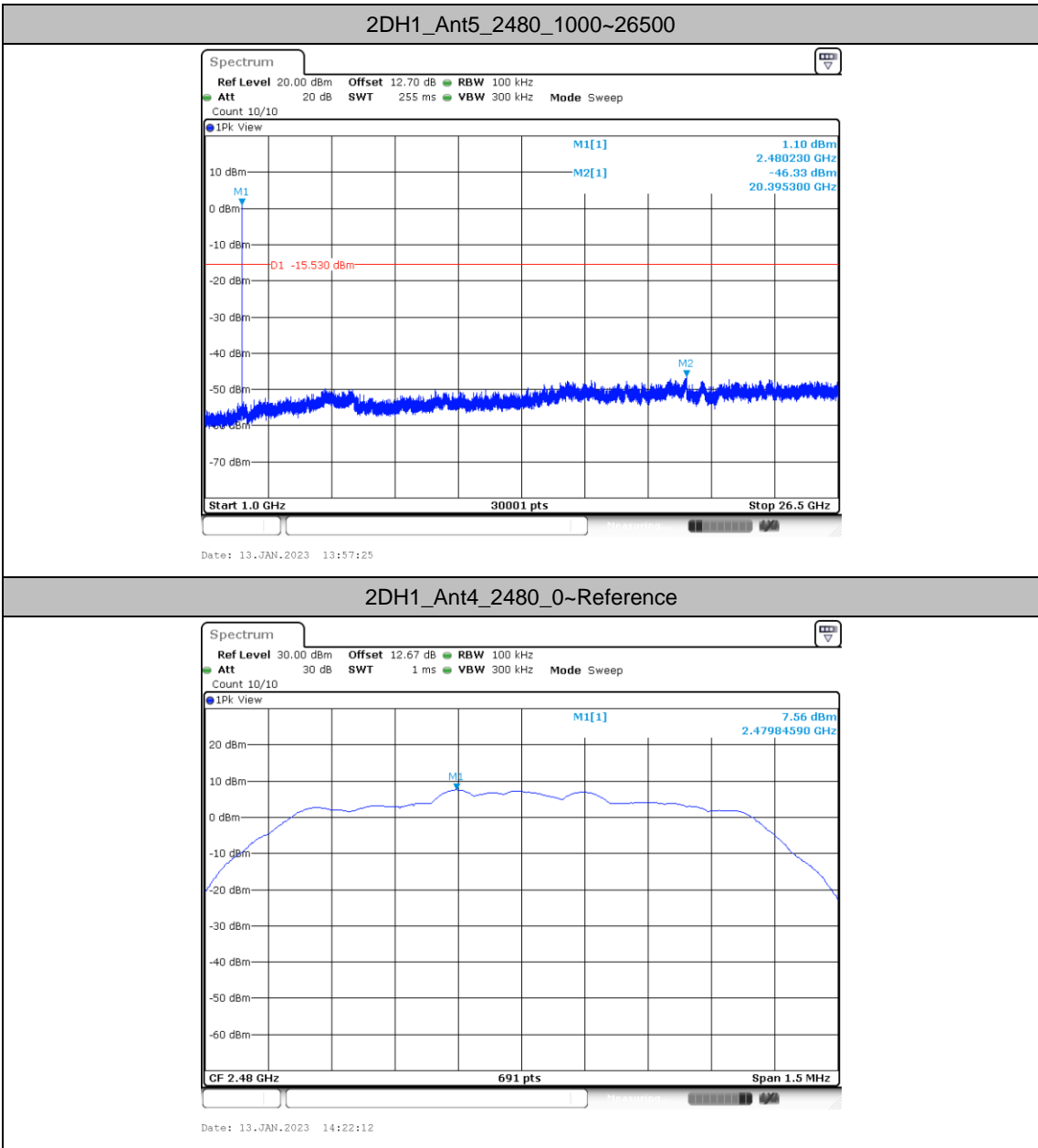


2DH1_Ant5_2480_0~Reference



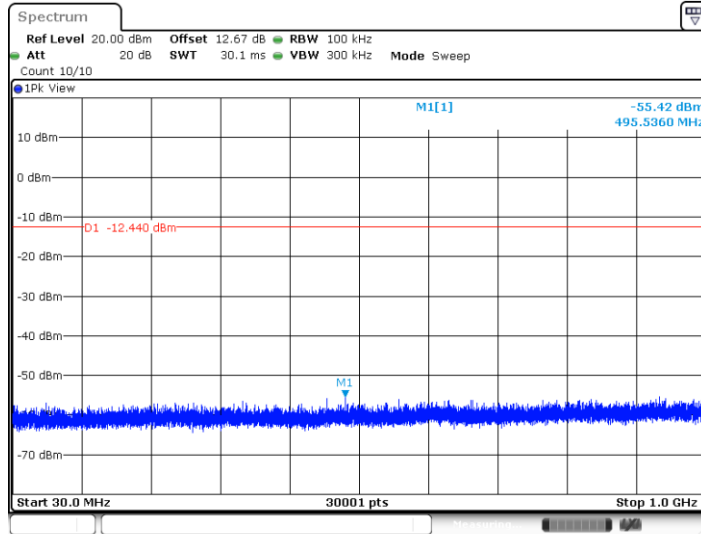
2DH1_Ant5_2480_30~1000





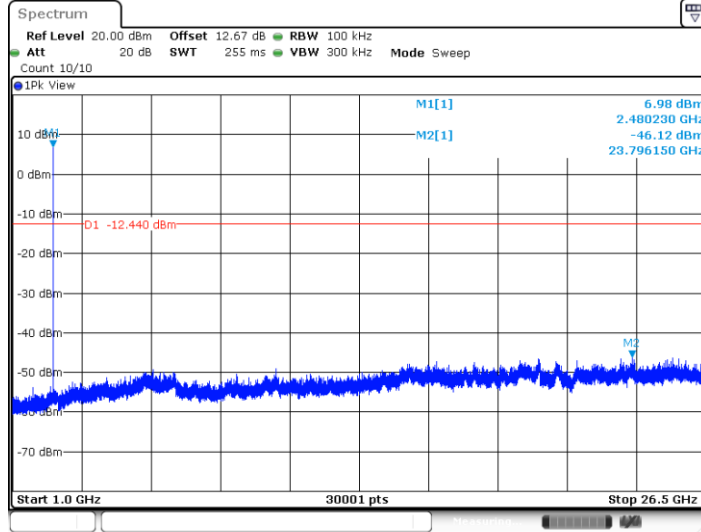


2DH1_Ant4_2480_30~1000



Date: 13.JAN.2023 14:22:19

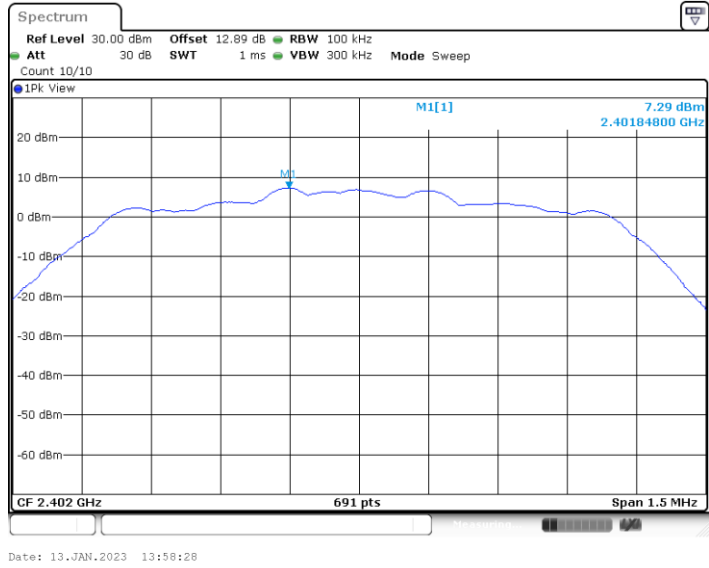
2DH1_Ant4_2480_1000~26500



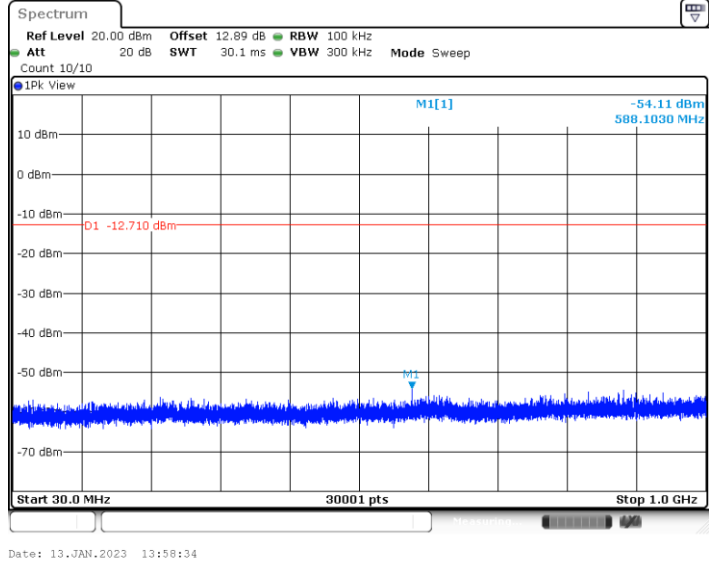
Date: 13.JAN.2023 14:22:56



3DH1_Ant5_2402_0~Reference

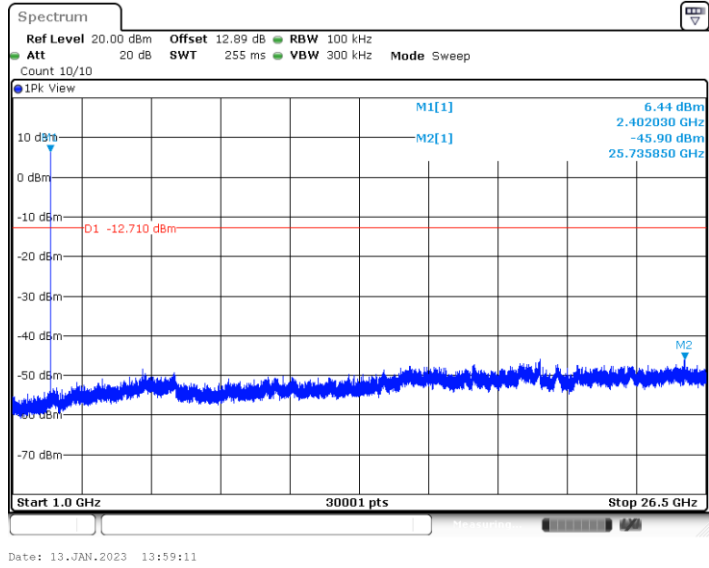


3DH1_Ant5_2402_30~1000

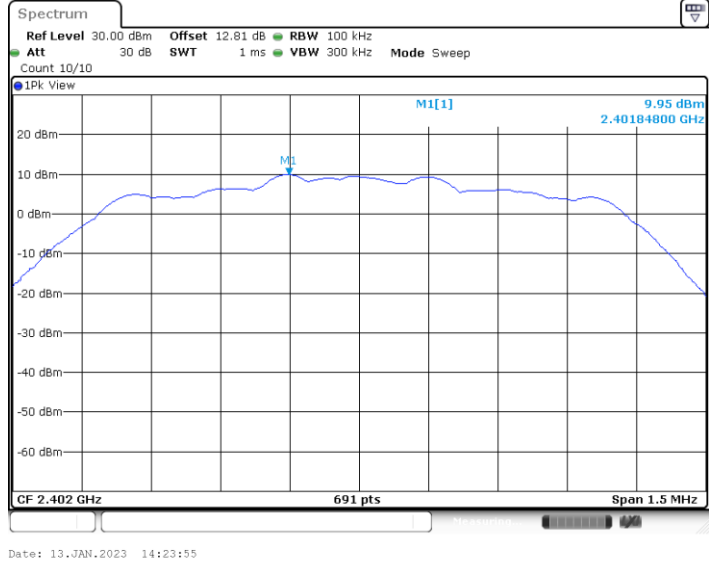




3DH1_Ant5_2402_1000~26500

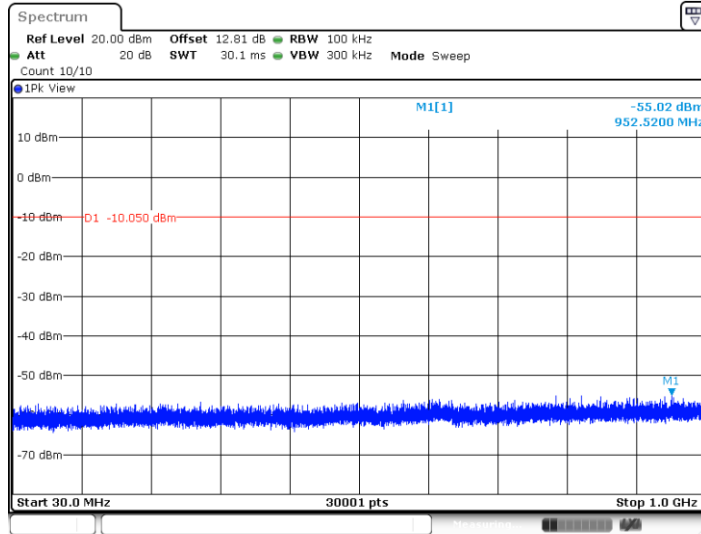


3DH1_Ant4_2402_0~Reference



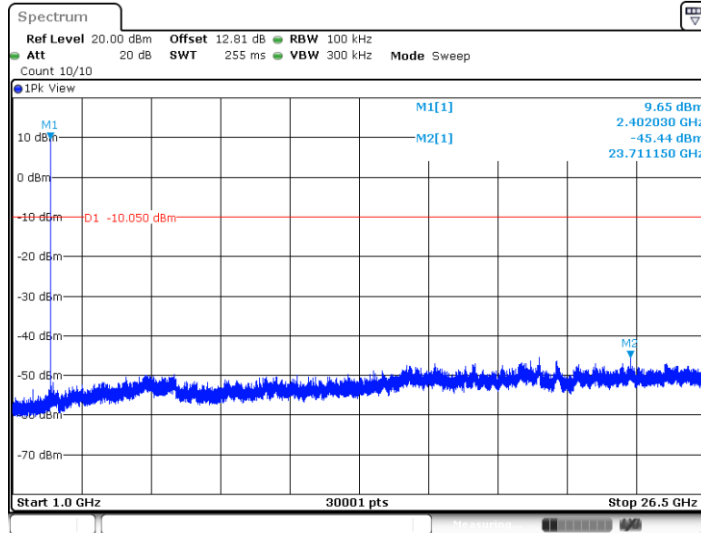


3DH1_Ant4_2402_30~1000



Date: 13.JAN.2023 14:24:01

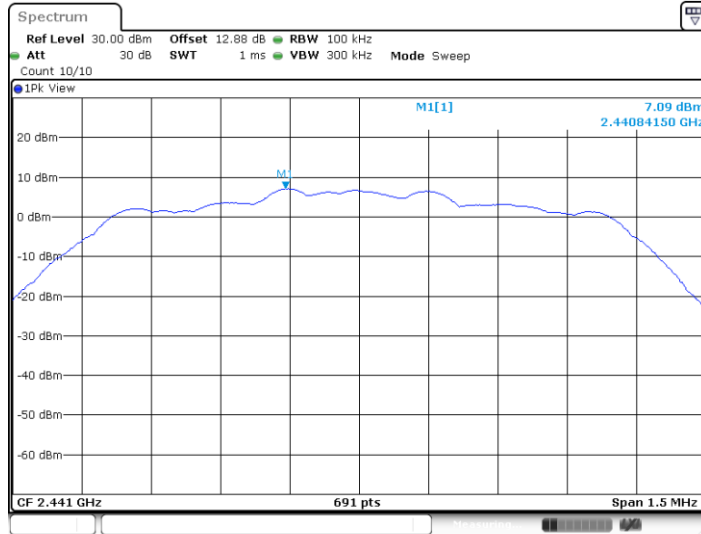
3DH1_Ant4_2402_1000~26500



Date: 13.JAN.2023 14:24:38

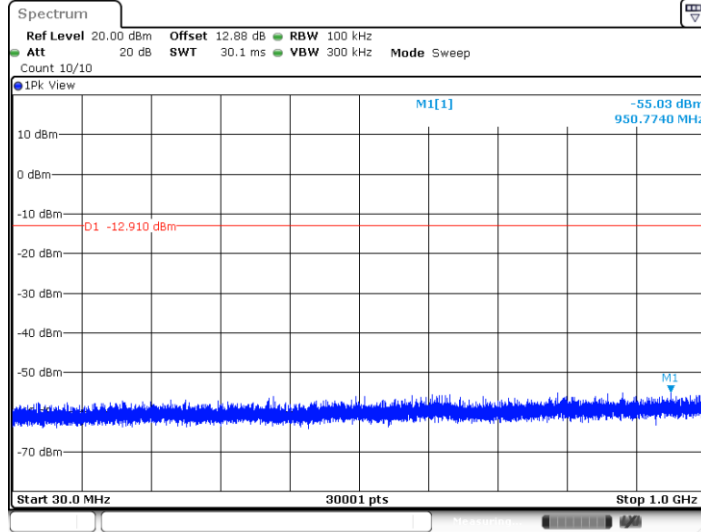


3DH1_Ant5_2441_0~Reference



Date: 13.JAN.2023 13:59:52

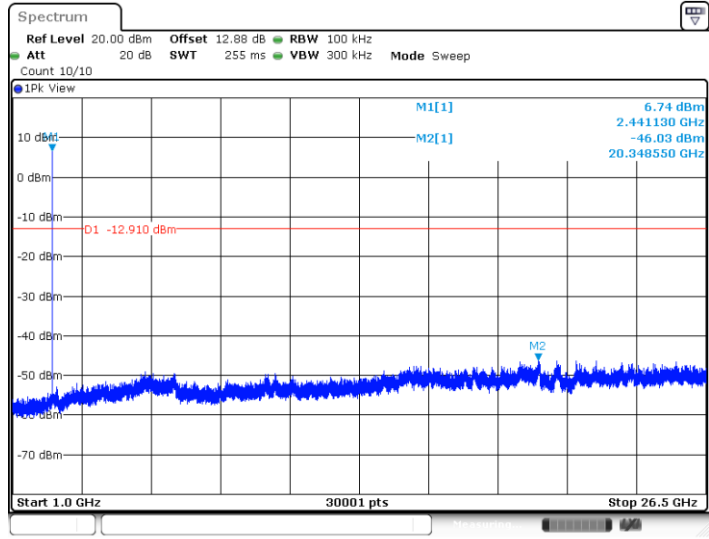
3DH1_Ant5_2441_30~1000



Date: 13.JAN.2023 13:59:58

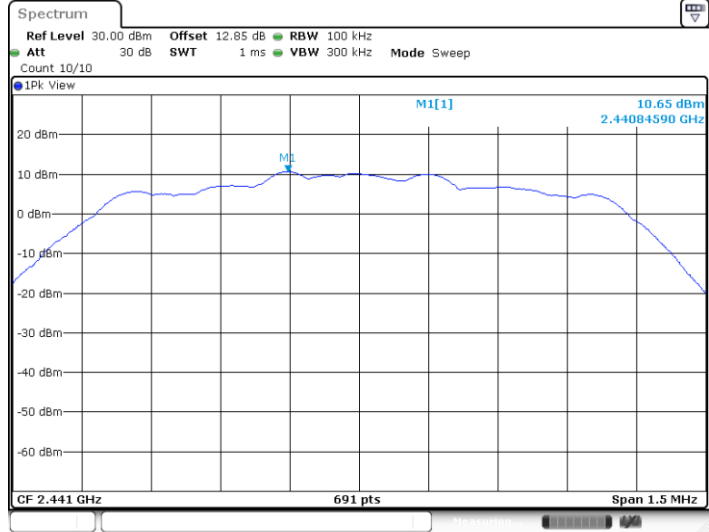


3DH1_Ant5_2441_1000~26500



Date: 13.JAN.2023 14:00:35

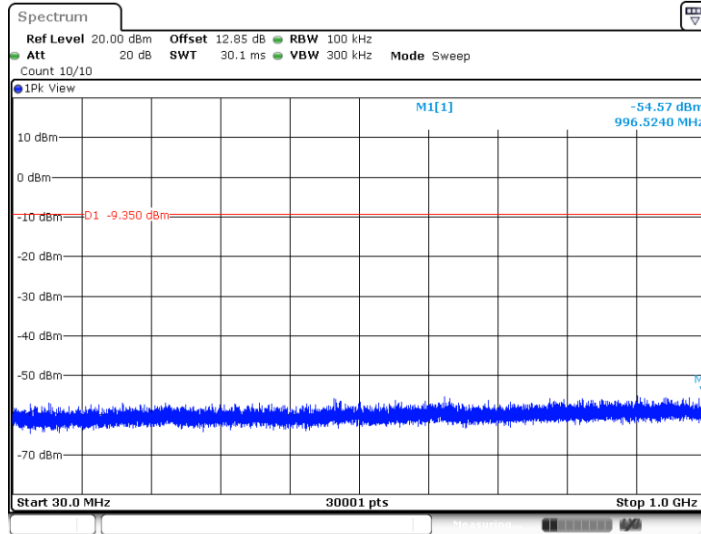
3DH1_Ant4_2441_0~Reference



Date: 13.JAN.2023 14:25:22

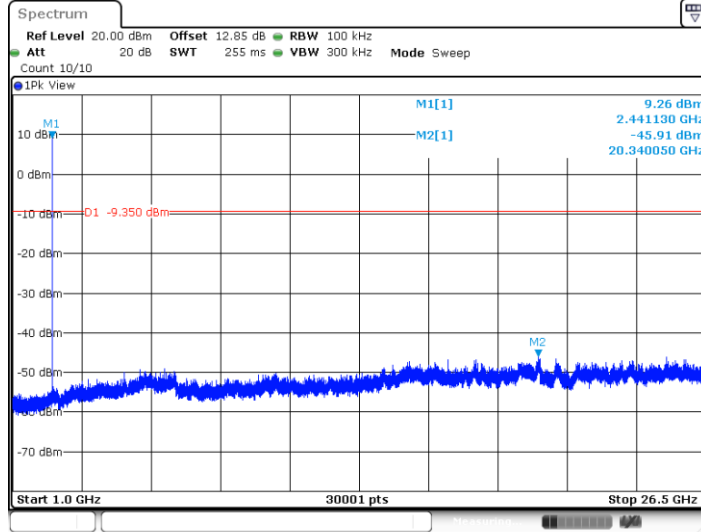


3DH1_Ant4_2441_30~1000



Date: 13.JAN.2023 14:25:28

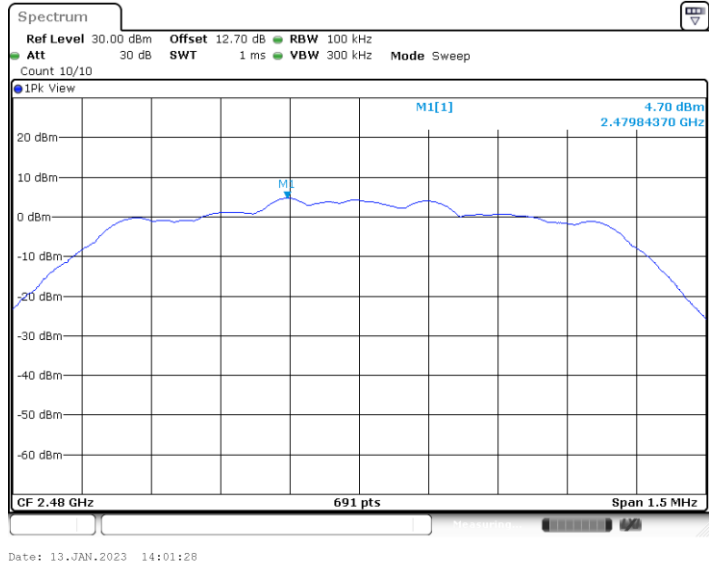
3DH1_Ant4_2441_1000~26500



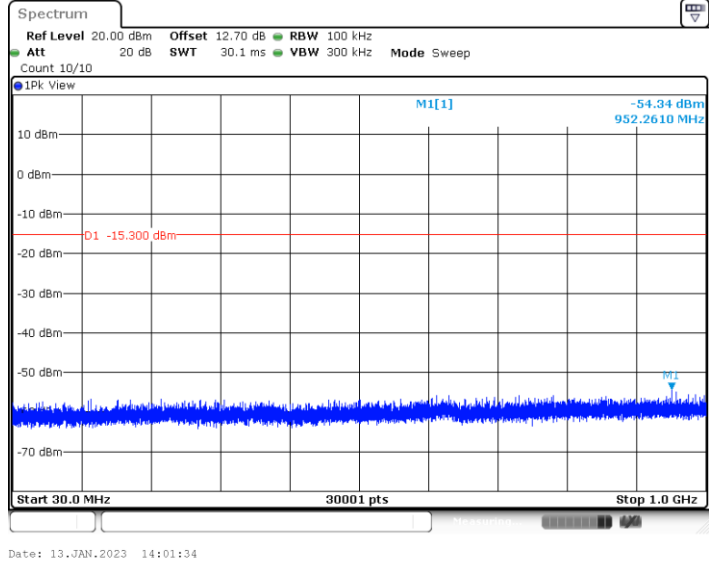
Date: 13.JAN.2023 14:26:05



3DH1_Ant5_2480_0~Reference

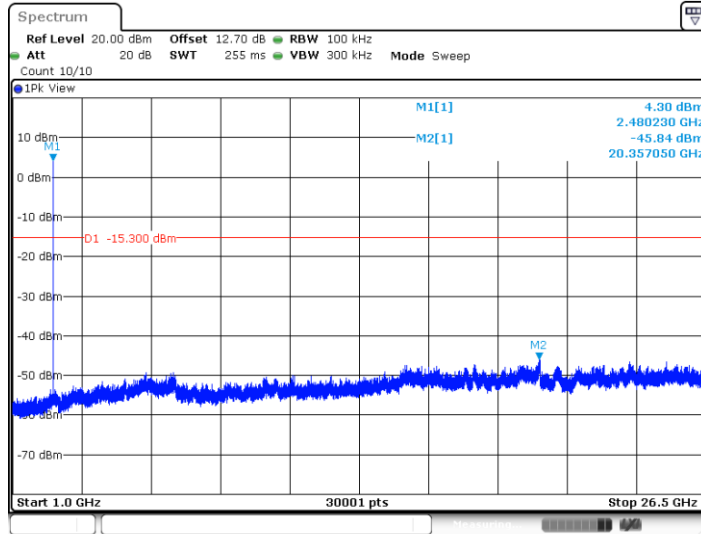


3DH1_Ant5_2480_30~1000



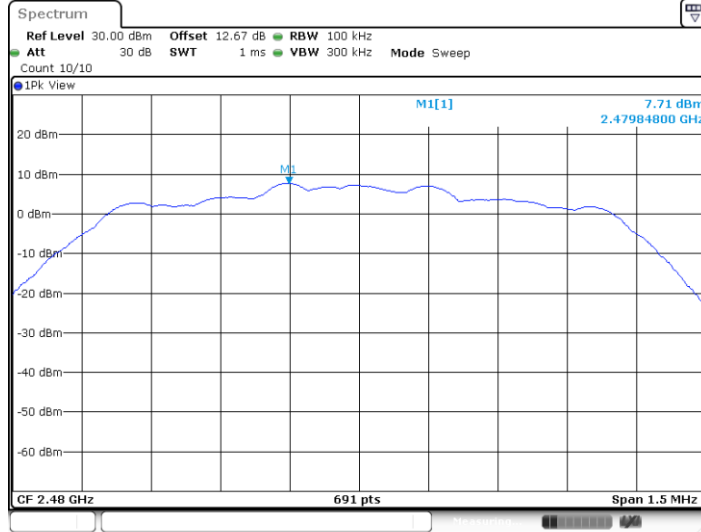


3DH1_Ant5_2480_1000~26500



Date: 13.JAN.2023 14:02:11

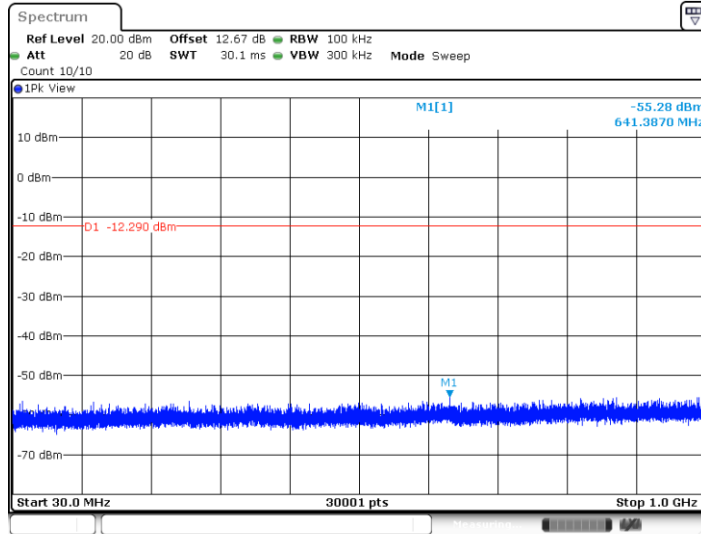
3DH1_Ant4_2480_0~Reference



Date: 13.JAN.2023 14:26:52

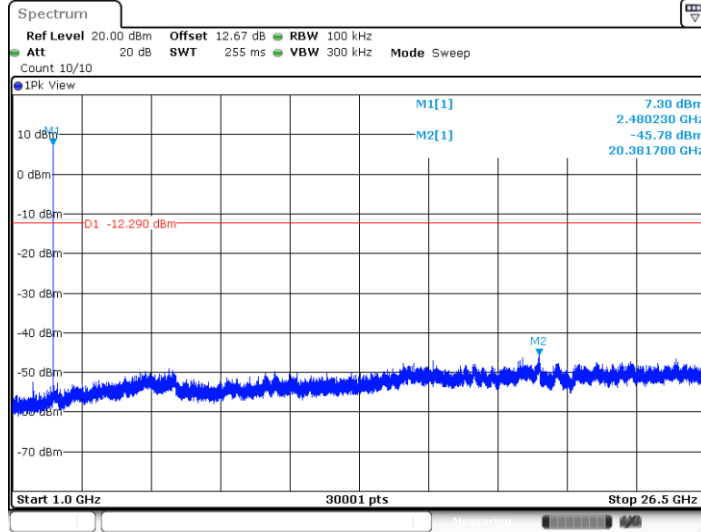


3DH1_Ant4_2480_30~1000



Date: 13.JAN.2023 14:26:59

3DH1_Ant4_2480_1000~26500

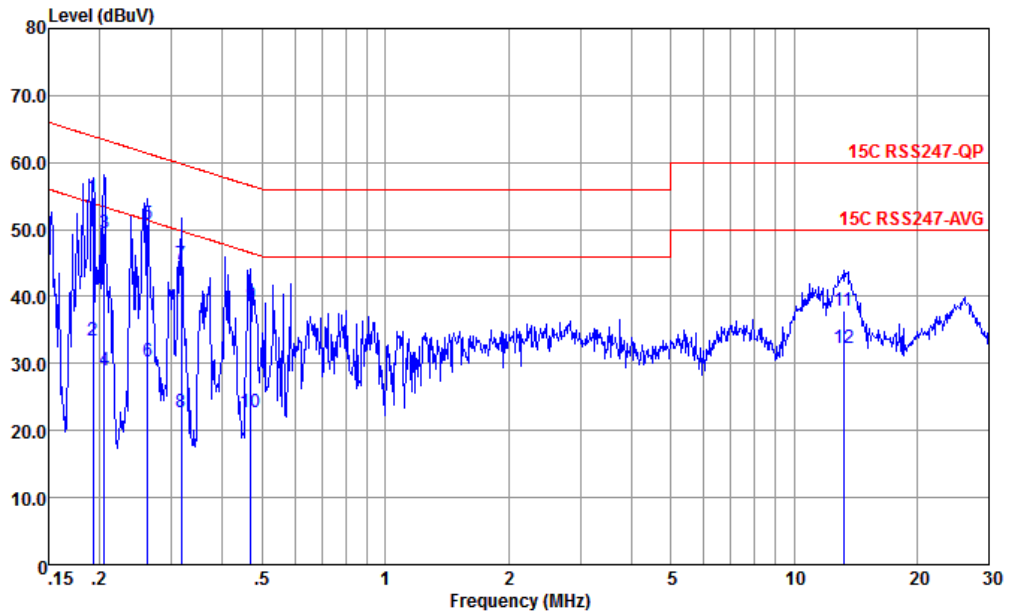


Date: 13.JAN.2023 14:27:36



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

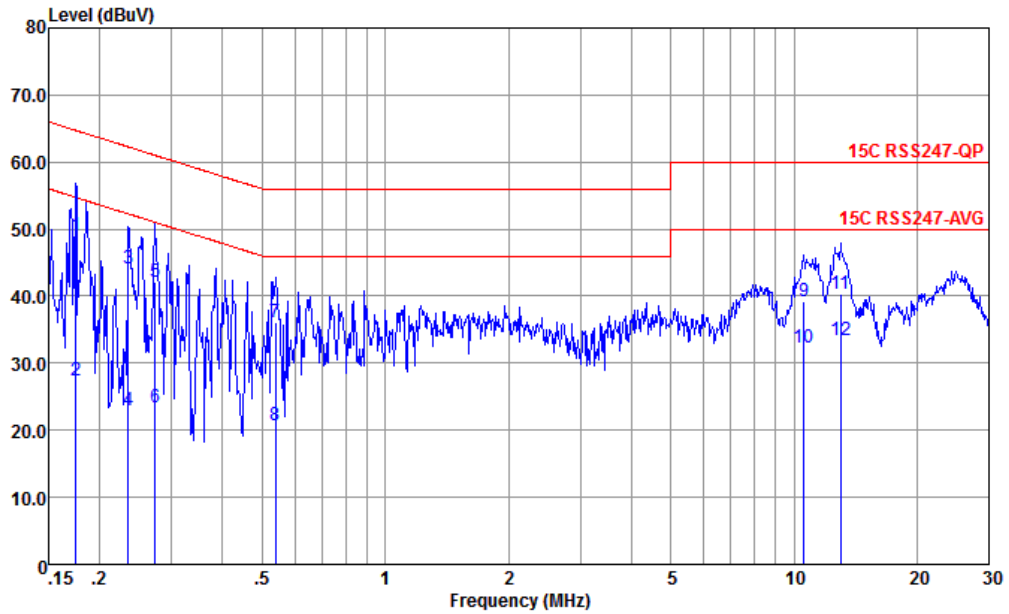


Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060103-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.192	54.93	-9.00	63.93	44.20	0.31	10.42	QP
2	0.192	33.33	-20.60	53.93	22.60	0.31	10.42	Average
3	0.205	49.53	-13.87	63.40	38.79	0.32	10.42	QP
4	0.205	28.93	-24.47	53.40	18.19	0.32	10.42	Average
5	0.262	50.76	-10.62	61.38	40.11	0.28	10.37	QP
6	0.262	30.26	-21.12	51.38	19.61	0.28	10.37	Average
7	0.317	44.80	-15.00	59.80	34.20	0.26	10.34	QP
8	0.317	22.80	-27.00	49.80	12.20	0.26	10.34	Average
9	0.469	38.70	-17.84	56.54	28.20	0.26	10.24	QP
10	0.469	22.70	-23.84	46.54	12.20	0.26	10.24	Average
11	13.197	37.81	-22.19	60.00	26.20	0.52	11.09	QP
12	13.197	32.21	-17.79	50.00	20.60	0.52	11.09	Average



Test Engineer :	Amos	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060103-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 *	0.175	48.94	-15.78	64.72	38.21	0.31	10.42	QP
2	0.175	27.34	-27.38	54.72	16.61	0.31	10.42	Average
3	0.235	44.22	-18.04	62.26	33.50	0.33	10.39	QP
4	0.235	22.92	-29.34	52.26	12.20	0.33	10.39	Average
5	0.273	42.21	-18.82	61.03	31.50	0.34	10.37	QP
6	0.273	23.31	-27.72	51.03	12.60	0.34	10.37	Average
7	0.538	36.08	-19.92	56.00	25.60	0.28	10.20	QP
8	0.538	20.68	-25.32	46.00	10.20	0.28	10.20	Average
9	10.564	39.22	-20.78	60.00	28.11	0.37	10.74	QP
10	10.564	32.31	-17.69	50.00	21.20	0.37	10.74	Average
11	12.988	40.37	-19.63	60.00	28.80	0.50	11.07	QP
12	12.988	33.47	-16.53	50.00	21.90	0.50	11.07	Average

Note:

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



Appendix C. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

Ant5:

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Line (dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
BT CH00 2402MHz		2365.65	39.46	-34.54	74	40.55	27.44	5.34	33.87	159	86	P	H
		2365.65	14.67	-39.33	54	-	-	-	-	-	-	A	H
	*	2402	95.74	-	-	96.68	27.57	5.37	33.88	159	86	P	H
	*	2402	70.95	-	-	-	-	-	-	-	-	A	H
		2363.97	39.29	-34.71	74	40.38	27.44	5.34	33.87	382	247	P	V
		2363.97	14.5	-39.5	54	-	-	-	-	-	-	A	V
	*	2402	96.34	-	-	97.28	27.57	5.37	33.88	382	247	P	V
	*	2402	71.55	-	-	-	-	-	-	-	-	A	V
BT CH 78 2480MHz	*	2480	95.66	-	-	96.27	27.83	5.46	33.9	152	129	P	H
	*	2480	70.87	-	-	-	-	-	-	-	-	A	H
		2484.84	40.56	-33.44	74	41.15	27.85	5.46	33.9	152	129	P	H
		2484.84	15.77	-38.23	54	-	-	-	-	-	-	A	H
	*	2480	88.58	-	-	89.19	27.83	5.46	33.9	381	278	P	V
	*	2480	63.79	-	-	-	-	-	-	-	-	A	V
		2488.84	39.17	-34.83	74	39.75	27.86	5.46	33.9	381	278	P	V
		2488.84	14.38	-39.62	54	-	-	-	-	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		4804	42.96	-31.04	74	52.29	31.55	8.88	49.76	-	-	P	H
		4804	18.17	-35.83	54	-	-	-	-	-	-	A	H
		4804	43.21	-30.79	74	52.54	31.55	8.88	49.76	-	-	P	V
		4804	18.42	-35.58	54	-	-	-	-	-	-	A	V
BT CH 39 2441MHz		4882	43.12	-30.88	74	52.56	31.69	8.65	49.78	-	-	P	H
		4882	18.33	-35.67	54	-	-	-	-	-	-	A	H
		7323	46.11	-27.89	74	49.69	36.22	10.18	49.98	-	-	P	H
		7323	21.32	-32.68	54	-	-	-	-	-	-	A	H
		4882	43.14	-30.86	74	52.58	31.69	8.65	49.78	-	-	P	V
		4882	18.35	-35.65	54	-	-	-	-	-	-	A	V
		7323	45.77	-28.23	74	49.35	36.22	10.18	49.98	-	-	P	V
	7323	20.98	-33.02	54	-	-	-	-	-	-	A	V	
BT CH 78 2480MHz		4960	42.93	-31.07	74	52.48	31.83	8.41	49.79	-	-	P	H
		4960	18.14	-35.86	54	-	-	-	-	-	-	A	H
		7440	45.47	-28.53	74	49.22	36.34	10.17	50.26	-	-	P	H
		7440	20.68	-33.32	54	-	-	-	-	-	-	A	H
		4960	41.6	-32.4	74	51.15	31.83	8.41	49.79	-	-	P	V
		4960	16.81	-37.19	54	-	-	-	-	-	-	A	V
		7440	46.22	-27.78	74	49.97	36.34	10.17	50.26	-	-	P	V
	7440	21.43	-32.57	54	-	-	-	-	-	-	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

Ant4:

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH00 2402MHz		2387.49	40.25	-33.75	74	41.24	27.52	5.37	33.88	100	316	P	H
		2387.49	15.46	-38.54	54	-	-	-	-	-	-	A	H
	*	2402	96.91	-	-	97.85	27.57	5.37	33.88	100	316	P	H
	*	2402	72.12	-	-	-	-	-	-	-	-	A	H
		2359.35	40.12	-33.88	74	41.23	27.42	5.34	33.87	229	95	P	V
		2359.35	15.33	-38.67	54	-	-	-	-	-	-	A	V
	*	2402	96.39	-	-	97.33	27.57	5.37	33.88	229	95	P	V
	*	2402	71.6	-	-	-	-	-	-	-	-	A	V
BT CH 78 2480MHz	*	2480	96.99	-	-	97.6	27.83	5.46	33.9	100	327	P	H
	*	2480	72.2	-	-	-	-	-	-	-	-	A	H
		2486.56	41.29	-32.71	74	41.88	27.85	5.46	33.9	100	314	P	H
		2486.56	16.5	-37.5	54	-	-	-	-	-	-	A	H
	*	2480	95.66	-	-	96.27	27.83	5.46	33.9	229	101	P	V
	*	2480	70.87	-	-	-	-	-	-	-	-	A	V
		2487.12	41.34	-32.66	74	41.92	27.86	5.46	33.9	229	101	P	V
		2487.12	16.55	-37.45	54	-	-	-	-	-	-	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 00 2402MHz		4804	43.8	-30.2	74	53.13	31.55	8.88	49.76			P	H
		4804	19.01	-34.99	54							A	H
		4804	43.2	-30.8	74	52.53	31.55	8.88	49.76			P	V
		4804	18.41	-35.59	54							A	V
BT CH 39 2441MHz		4882	43.84	-30.16	74	53.28	31.69	8.65	49.78			P	H
		4882	19.05	-34.95	54	-	-	-	-	-	-	A	H
		7323	45.36	-28.64	74	48.94	36.22	10.18	49.98			P	H
		7323	20.57	-33.43	54	-	-	-	-	-	-	A	H
		4882	42.94	-31.06	74	52.38	31.69	8.65	49.78			P	V
		4882	18.15	-35.85	54	-	-	-	-	-	-	A	V
		7323	47.01	-26.99	74	50.59	36.22	10.18	49.98			P	V
	7323	22.22	-31.78	54	-	-	-	-	-	-	A	V	
BT CH 78 2480MHz		4960	42.25	-31.75	74	51.8	31.83	8.41	49.79			P	H
		4960	17.46	-36.54	54	-	-	-	-	-	-	A	H
		7440	45.86	-28.14	74	49.61	36.34	10.17	50.26			P	H
		7440	21.07	-32.93	54	-	-	-	-	-	-	A	H
		4960	41.2	-32.8	74	50.75	31.83	8.41	49.79			P	V
		4960	16.41	-37.59	54	-	-	-	-	-	-	A	V
		7440	46.73	-27.27	74	50.48	36.34	10.17	50.26			P	V
	7440	21.94	-32.06	54	-	-	-	-	-	-	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		30	26.1	-13.9	40	31.61	25.86	0.53	31.9	-	-	-	H
		192.96	31.7	-11.8	43.5	46.22	15.38	1.41	31.31	-	-	-	H
		241.46	34.65	-11.35	46	46.21	18.05	1.61	31.22	-	-	-	H
		289.96	36.45	-9.55	46	46.12	19.68	1.77	31.12	-	-	-	H
		325.85	37.47	-8.53	46	46.37	20.28	1.89	31.07	-	-	-	H
		954.41	35.42	-10.58	46	31.88	31.07	3.24	30.77	-	-	-	H
		53.28	30.38	-9.62	40	47.81	13.7	0.73	31.86	-	-	-	V
		159.98	29.78	-13.72	43.5	43.2	16.67	1.29	31.38	-	-	-	V
		192.96	28.46	-15.04	43.5	42.98	15.38	1.41	31.31	-	-	-	V
		289.96	34.08	-11.92	46	43.75	19.68	1.77	31.12	-	-	-	V
		747.8	31.93	-14.07	46	31.53	28.45	2.85	30.9	-	-	-	V
		929.19	34.38	-11.62	46	31.7	30.4	3.2	30.92	-	-	-	V

Remark	1. No other spurious found.
	2. All results are PASS against 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 Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical



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

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

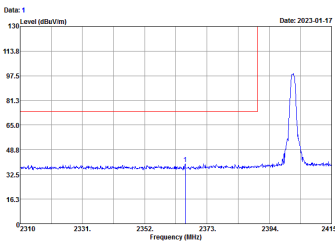
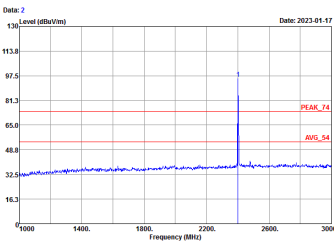
Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

2.4GHz 2400~2483.5MHz
BT (Band Edge @ 3m)

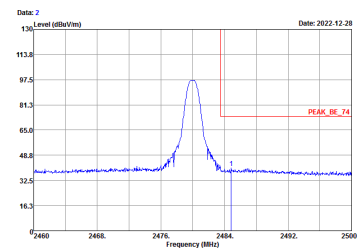
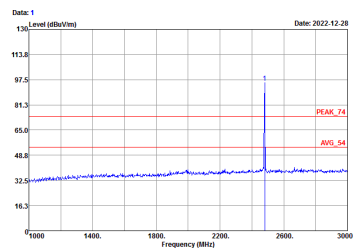
Ant5:

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH00 2402MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 1 Level (dBuV/m) Date: 2023-01-17</p> <p>Site : 03CH04-SZ Condition : PEAK_BC_74 3m 91200-1474-2022 HORIZONTAL Project : 2020913 Mode : Mode 10 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : DHS</p>	 <p>Date: 2 Level (dBuV/m) Date: 2023-01-17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2020913 Mode : Mode 10 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : DHS</p>

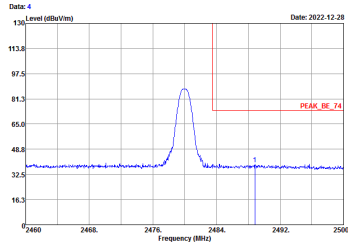


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH00 2402MHz	
	Vertical	Fundamental
Peak	<p>Date: 3 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_14 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 10 MEI : 368041760025512/368041760025520 Plane : X with Accessories DVS</p>	<p>Date: 4 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 10 MEI : 368041760025512/368041760025520 Plane : X with Accessories DVS</p>



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH78 2480MHz	
	Horizontal	Fundamental
Peak	 <p> Date: 2 Level (dBuV/m) Date: 2022.12.28 Frequency (MHz) PEAK_BE_74 Site : 03C104-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 12 NEI : 368041760025512/358041760025520 Plane : X with Accessories : DVS </p>	 <p> Date: 1 Level (dBuV/m) Date: 2022.12.28 Frequency (MHz) PEAK_74 AWS_54 Site : 03C104-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 12 NEI : 368041760025512/358041760025520 Plane : X with Accessories : DVS </p>

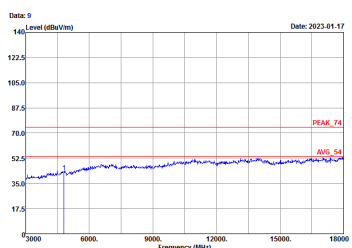
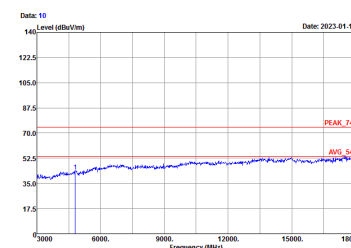


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH78 2480MHz	
	Vertical	Fundamental
Peak	 <p> Date: 4 Date: 2022.12.28 Level (dBuV/m) Frequency (MHz) PEAK_BE_74 </p> <p> Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 12 NEI : 368041760025512/358041760025520 Plane : X with Accessories : DVS </p>	 <p> Date: 3 Date: 2022.12.28 Level (dBuV/m) Frequency (MHz) PEAK_74 AWS_54 </p> <p> Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 12 NEI : 368041760025512/358041760025520 Plane : X with Accessories : DVS </p>

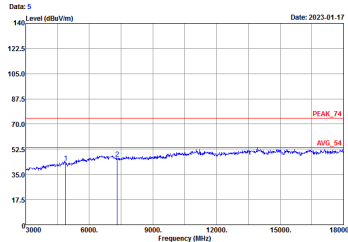
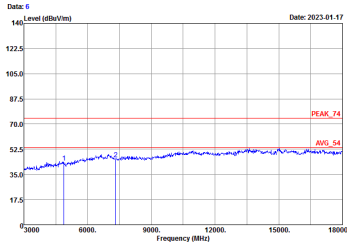


2.4GHz 2400~2483.5MHz

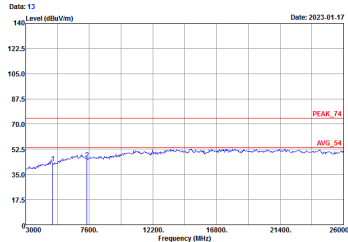
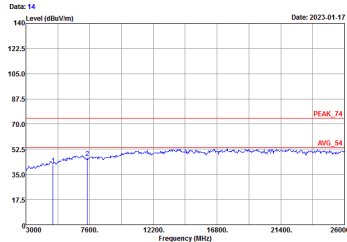
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BT CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH04-SZ Condition : PEAK_24 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 10 IMEI : 358041760025512/358041760025520 Plane : X with Accessories DHS</p>	 <p>Site : 03CH04-SZ Condition : PEAK_24 3m 91200-1474-2022 VERTICAL Project : 200913 Mode : Mode 10 IMEI : 358041760025512/358041760025520 Plane : X with Accessories DHS</p>



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BT CH39 2441MHz	
	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 11 NEI : 368041760025512/368041760025520 Plane : X with Accessories : DVS</p>	 <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 11 NEI : 368041760025512/368041760025520 Plane : X with Accessories : DVS</p>



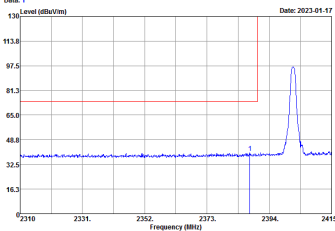
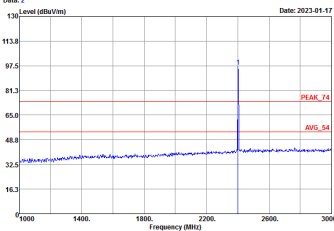
BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BT CH78 2480MHz	
	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Date: 13 Date: 2023.01.17</p> <p>Level (dBu/Vm)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 12 NEI : 368041760025512/358041760025520 Plane : X with Accessories : DVS</p>	 <p>Date: 14 Date: 2023.01.17</p> <p>Level (dBu/Vm)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>AVG_54</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 12 NEI : 368041760025512/358041760025520 Plane : X with Accessories : DVS</p>



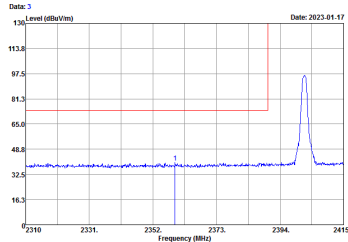
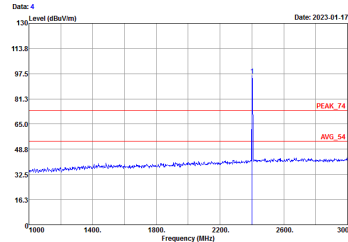
2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

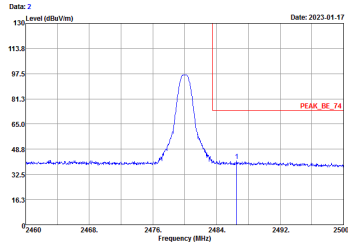
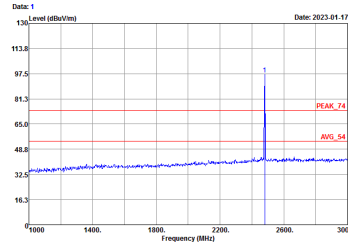
Ant4:

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH00 2402MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 2023-01-17</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 HORIZONTAL Project : 2020913 Mode : Mode 1 MEI : 358041760025512/358041760025520 Plane : Z with Accessories : DHS</p>	 <p>Date: 2023-01-17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2020913 Mode : Mode 1 MEI : 358041760025512/358041760025520 Plane : Z with Accessories : DHS</p>



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH00 2402MHz	
	Vertical	Fundamental
Peak	 <p>Date: 3 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_14 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 1 MEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS</p>	 <p>Date: 4 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 1 MEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS</p>



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH78 2480MHz	
	Horizontal	Fundamental
Peak	 <p>Date: 2 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 3 NEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS</p>	 <p>Date: 1 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 3 NEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS</p>

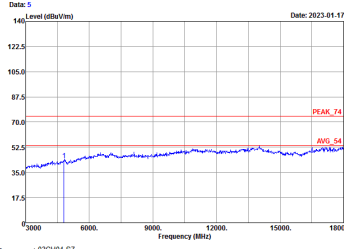
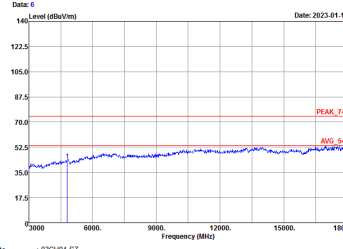


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH78 2480MHz	
	Vertical	Fundamental
Peak	<p data-bbox="448 510 794 750"> </p> <p data-bbox="432 757 638 824"> Site : 03C104-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 3 NEI : 358041760025512/358041760025520 Plane : Z with Accessories DWS </p>	<p data-bbox="922 510 1268 750"> </p> <p data-bbox="906 757 1101 824"> Site : 03C104-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 3 NEI : 358041760025512/358041760025520 Plane : Z with Accessories DWS </p>

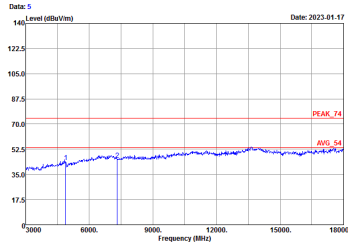
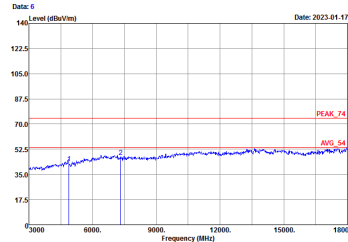


2.4GHz 2400~2483.5MHz

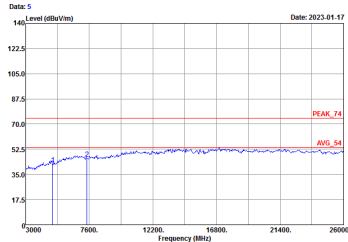
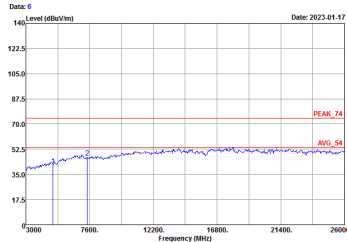
BT (Harmonic @ 3m)

BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BT CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.	 <p> Date: 5 Date: 2023-01-17 Level (dBm/100kHz) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 Frequency (MHz) 3000 6000 9000 12000 15000 18000 PEAK: 74 AVG: 54 Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 1 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories : DHS </p>	 <p> Date: 6 Date: 2023-01-17 Level (dBm/100kHz) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 Frequency (MHz) 3000 6000 9000 12000 15000 18000 PEAK: 74 AVG: 54 Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 200913 Mode : Mode 1 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories : DHS </p>



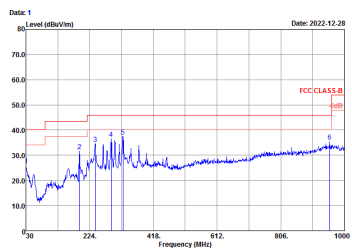
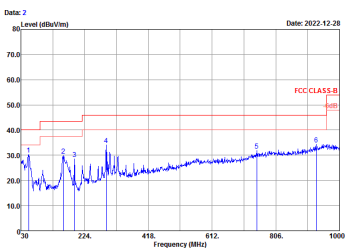
BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BT CH39 2441MHz	
	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Date: 5 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 2 NEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS</p>	 <p>Date: 6 Date: 2023.01.17</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 2 NEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS</p>



BT	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BT CH78 2480MHz	
	Horizontal	Vertical
<p>Peak Avg.</p>	 <p> Date: 5 Date: 2023.01.17 Level (dBu/Vm) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5000 7600 12200 16800 21400 26000 Frequency (MHz) </p> <p> Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 3 NEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS : DVS </p>	 <p> Date: 6 Date: 2023.01.17 Level (dBu/Vm) 140 122.5 105.0 87.5 70.0 52.5 35.0 17.5 5000 7600 12200 16800 21400 26000 Frequency (MHz) </p> <p> Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 3 NEI : 368041760025512/368041760025520 Plane : Z with Accessories DVS : DVS </p>



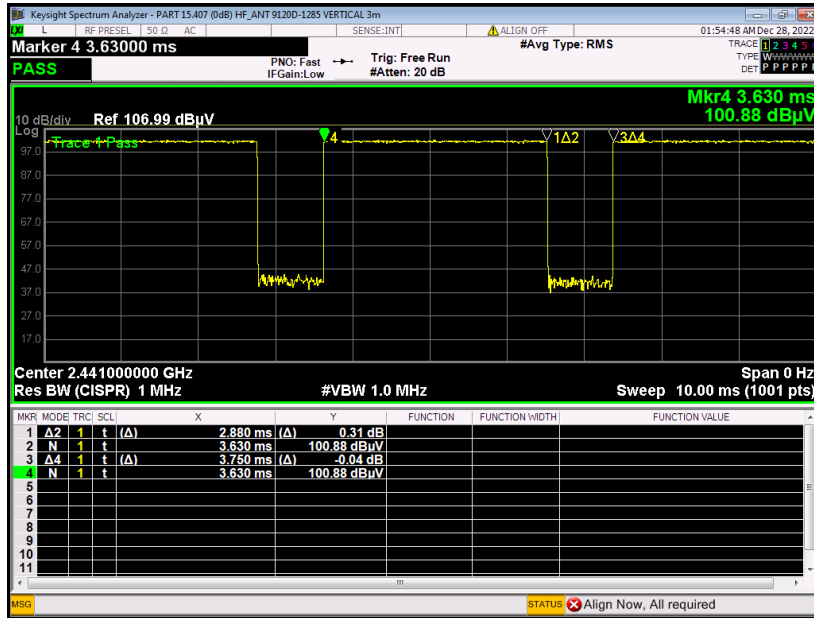
Emission below 1GHz
2.4GHz BT (LF)

BT	2.4GHz 2400~2483.5MHz	
BT LF		
Horizontal		Vertical
<p>QP / Peak</p>	 <p>Site : 03CH04-SZ Condition : FCC CLASS-B 3m LF_ANT_41909_22 HORIZONTAL Project : Z0913 Mode : Mode 37 IMEI : 35804176025512/35804176025520 Plane : Z with Accessories DHS</p>	 <p>Site : 03CH04-SZ Condition : FCC CLASS-B 3m LF_ANT_41909_22 VERTICAL Project : Z0913 Mode : Mode 37 IMEI : 35804176025512/35804176025520 Plane : Z with Accessories DHS</p>

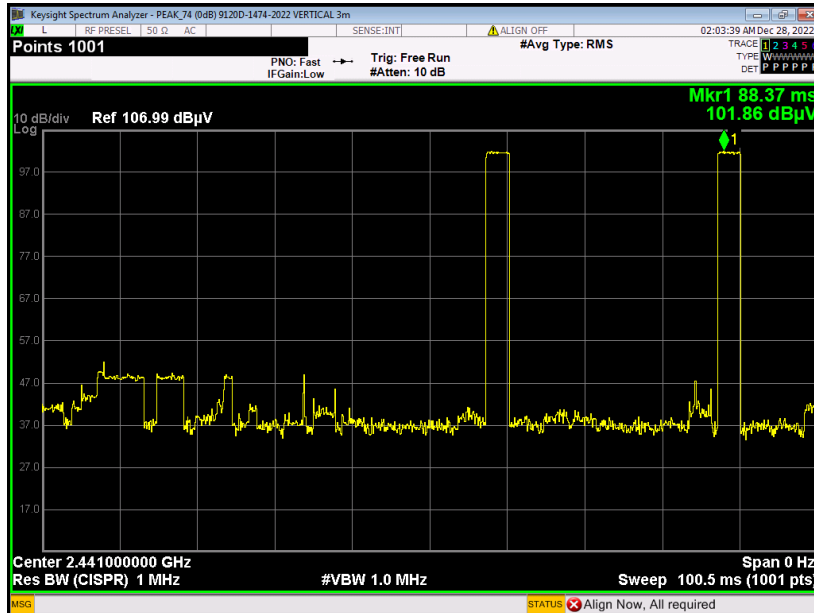


Appendix E. Duty Cycle Plots

DH5 on time (One Pulse) Plot on Channel 39



DH5 on time (Count Pulses) Plot on Channel 39



Note:

1. Worst case Duty cycle = on time/100 milliseconds = 2 * 2.88 / 100 = 5.76 %
2. Worst case Duty cycle correction factor = 20*log(Duty cycle) = -24.79 dB
3. DH5 has the highest duty cycle worst case and is reported.