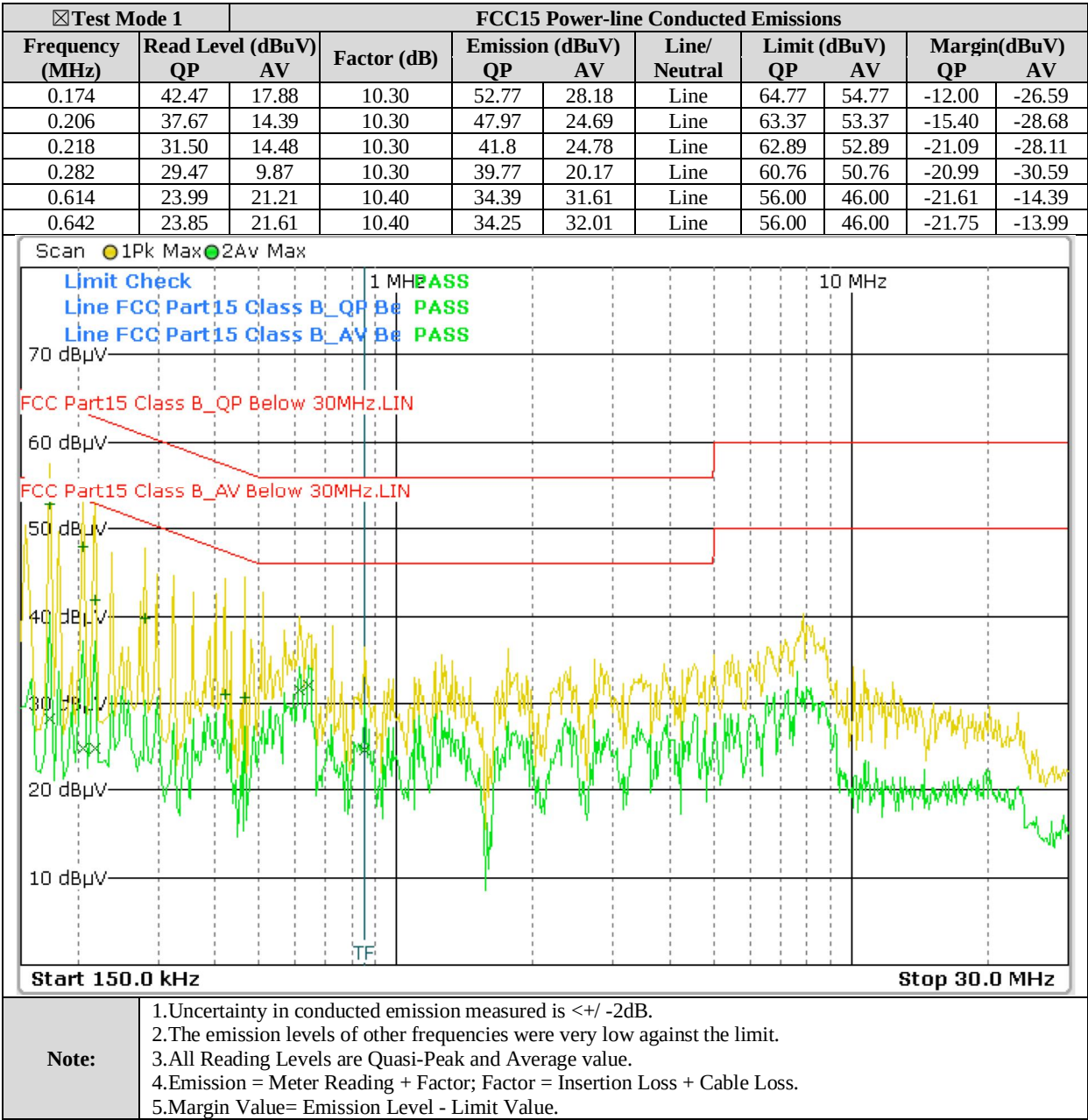


4. Conducted Power Line Test
4. 7 Conducted Power Line Test Result



☑ Test Mode 1			FCC15 Power-line Conducted Emissions							
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV)		Line/Neutral	Limit (dBuV)		Margin(dBuV)	
	QP	AV		QP	AV		QP	AV	QP	AV
0.150	43.61	19.92	10.30	53.91	30.22	Neutral	66.00	56.00	-12.09	-25.78
0.170	41.17	15.92	10.30	51.47	26.22	Neutral	64.96	54.96	-13.49	-28.74
0.214	32.09	12.74	10.30	42.39	23.04	Neutral	63.05	53.05	-20.66	-30.01
0.554	25.06	19.43	10.30	35.36	29.73	Neutral	56.00	46.00	-20.64	-16.27
0.598	25.52	20.18	10.40	35.92	30.58	Neutral	56.00	46.00	-20.08	-15.42
0.642	26.58	24.52	10.40	36.98	34.92	Neutral	56.00	46.00	-19.02	-11.08

Scan ● 1Pk Max ● 2Av Max

Limit Check

Line FCC Part15 Class B_QP Be PASS

Line FCC Part15 Class B_AV Be PASS

1 MHz

10 MHz

70 dBuV

60 dBuV

50 dBuV

40 dBuV

30 dBuV

20 dBuV

10 dBuV

FCC Part15 Class B_QP Below 30MHz.LIN

FCC Part15 Class B_AV Below 30MHz.LIN

TF

Start 150.0 kHz

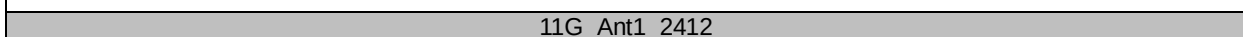
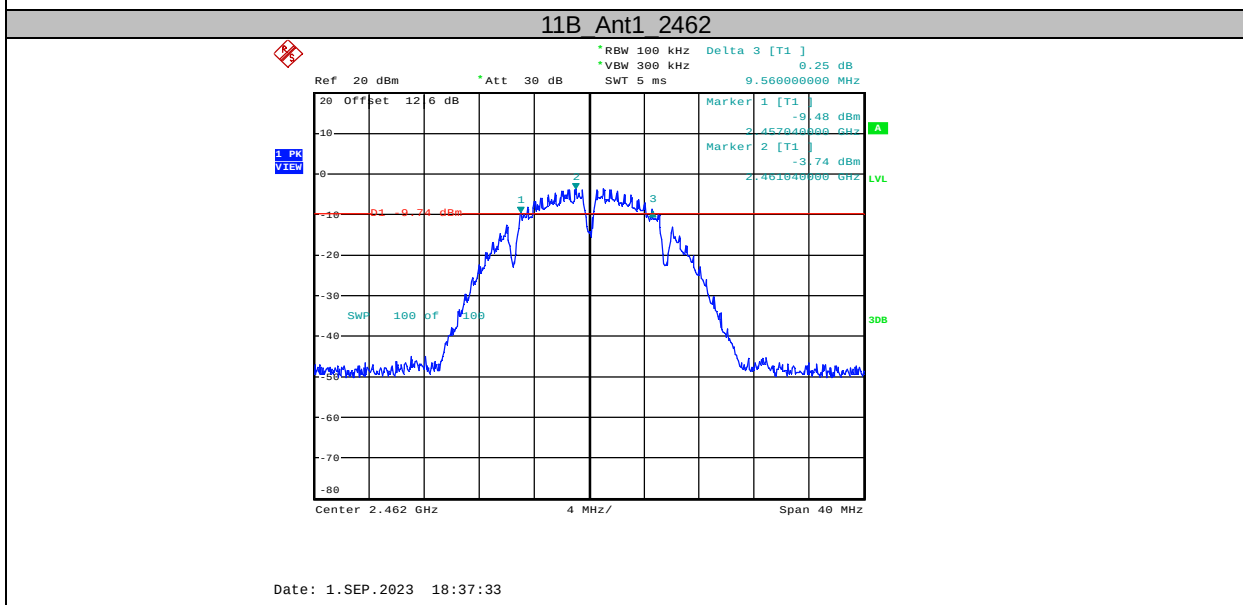
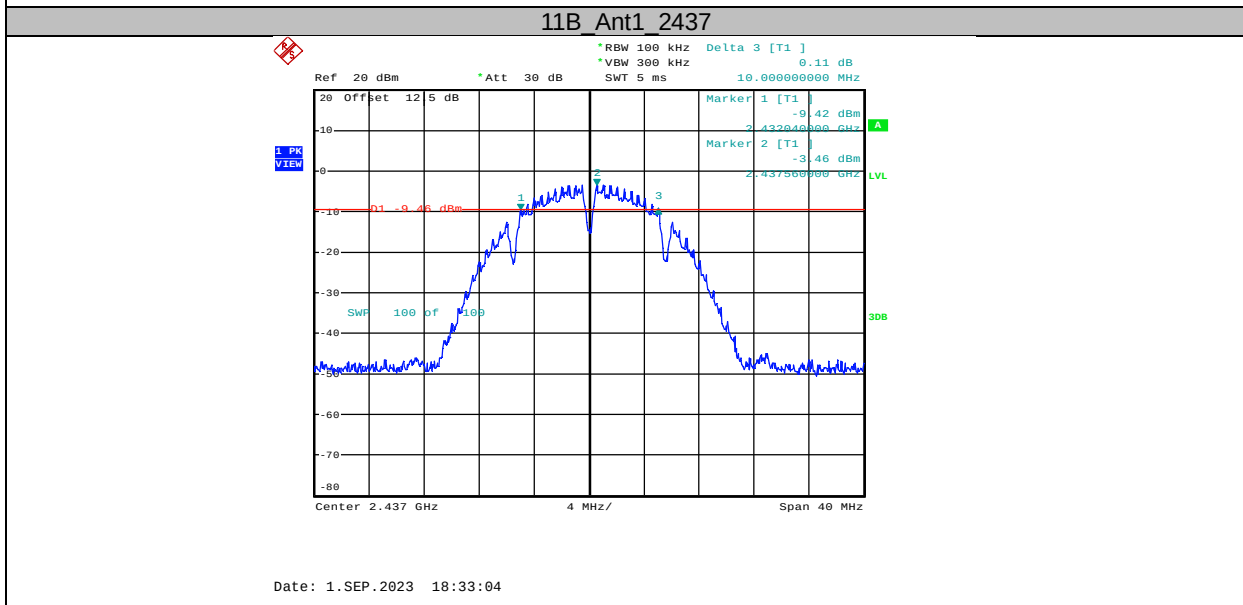
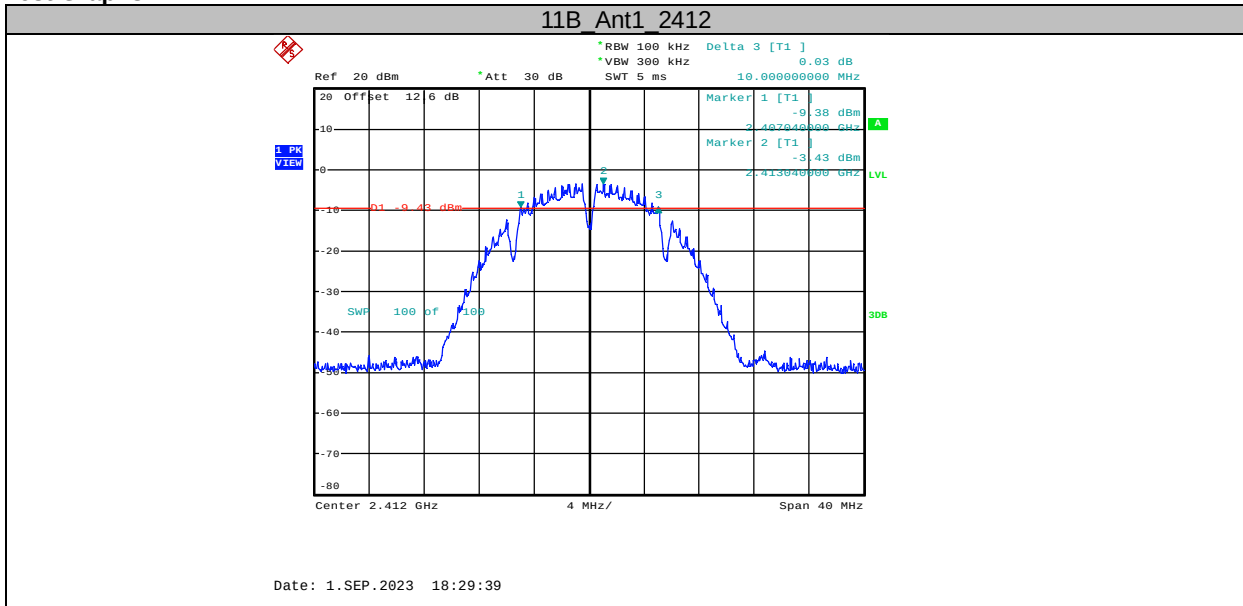
Stop 30.0 MHz

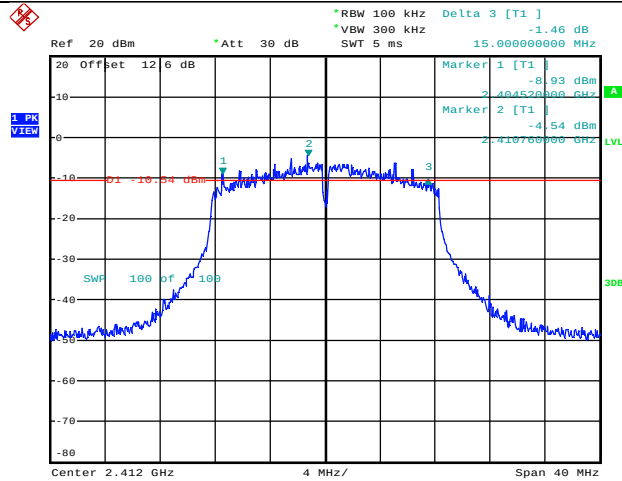
Note:	1.Uncertainty in conducted emission measured is <+/-2dB. 2.The emission levels of other frequencies were very low against the limit. 3.All Reading Levels are Quasi-Peak and Average value. 4.Emission = Meter Reading + Factor; Factor = Insertion Loss + Cable Loss. 5.Margin Value= Emission Level - Limit Value.
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**Appendix A: DTS Bandwidth
Test Result**

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	10.00	2407.04	2417.04	0.5	PASS
		2437	10.00	2432.04	2442.04	0.5	PASS
		2462	9.56	2457.04	2466.60	0.5	PASS
11G	Ant1	2412	15.00	2404.52	2419.52	0.5	PASS
		2437	15.08	2429.52	2444.60	0.5	PASS
		2462	15.04	2454.52	2469.56	0.5	PASS
11N20SISO	Ant1	2412	15.04	2404.52	2419.56	0.5	PASS
		2437	15.04	2429.52	2444.56	0.5	PASS
		2462	12.52	2455.84	2468.36	0.5	PASS
11N40SISO	Ant1	2422	33.84	2405.76	2439.60	0.5	PASS
		2437	32.48	2420.84	2453.32	0.5	PASS
		2452	31.36	2435.76	2467.12	0.5	PASS

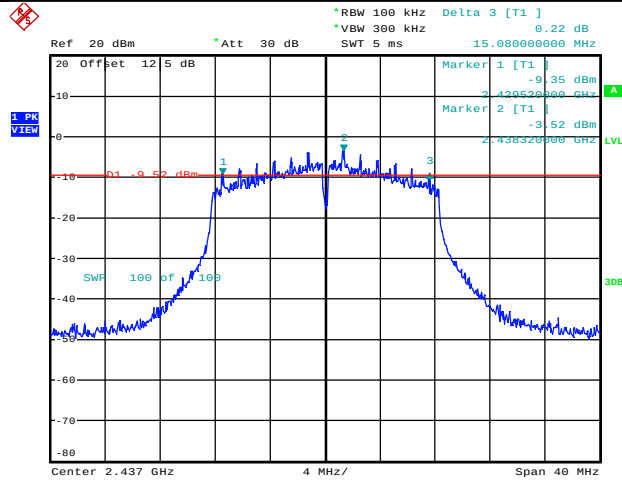
Test Graphs





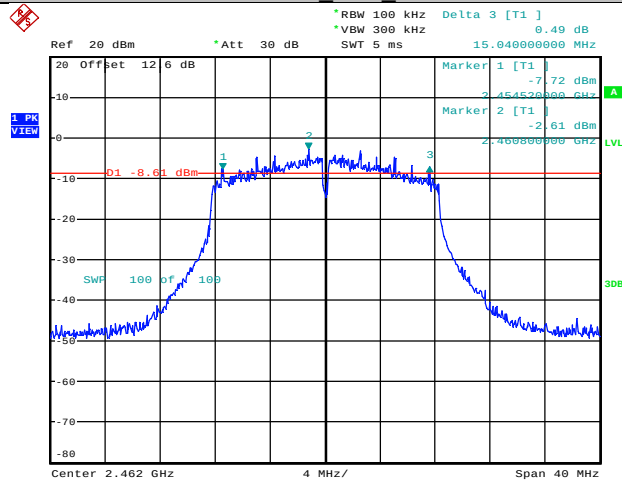
Date: 1.SEP.2023 18:49:46

11G Ant1_2437



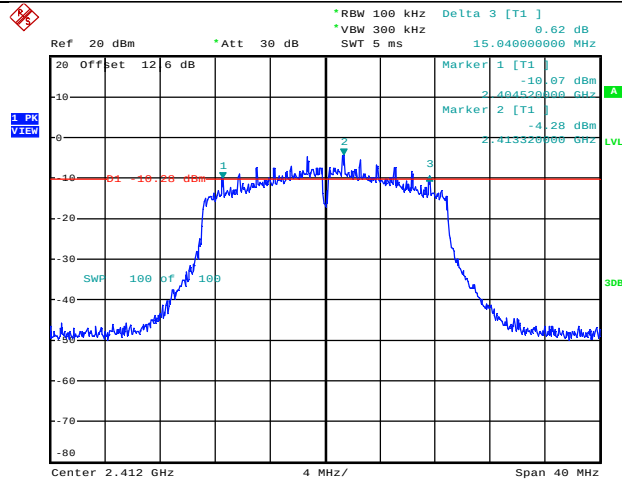
Date: 1.SEP.2023 18:55:22

11G Ant1_2462



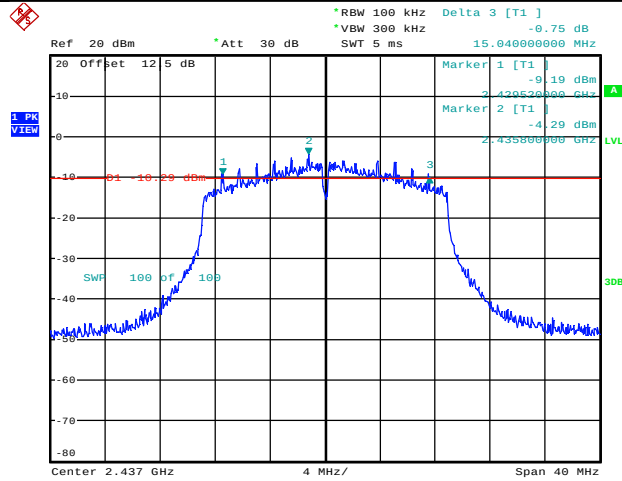
Date: 1.SEP.2023 18:58:15

11N20SISO_Ant1_2412



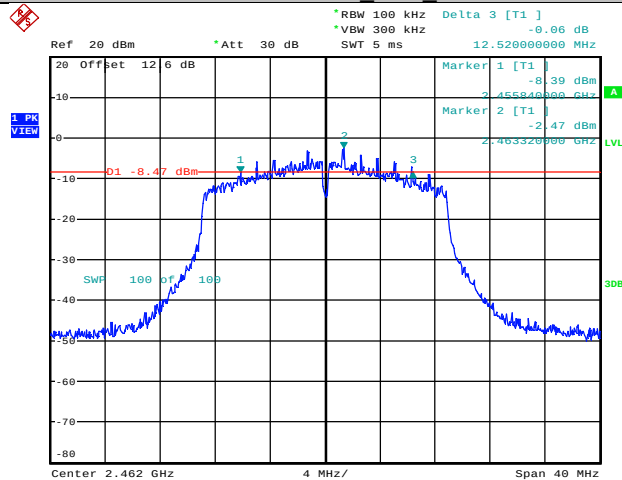
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11N20SISO_Ant1_2437



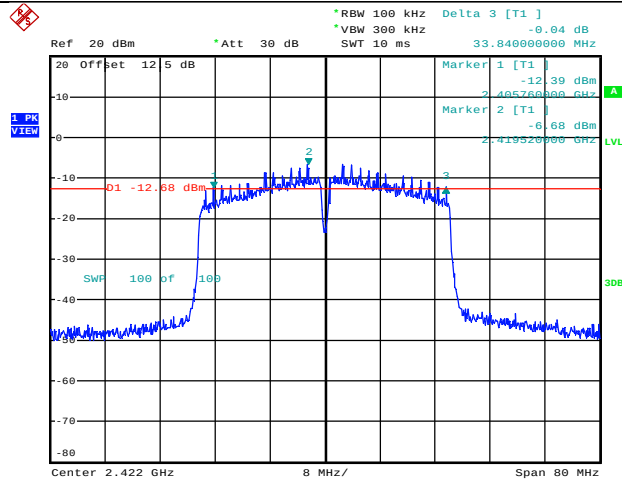
Date: 1.SEP.2023 19:16:21

11N20SISO_Ant1_2462



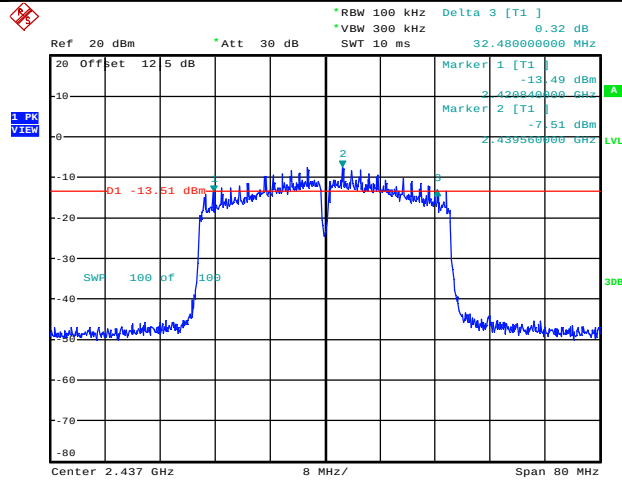
Date: 1.SEP.2023 19:31:02

11N40SISO_Ant1_2422



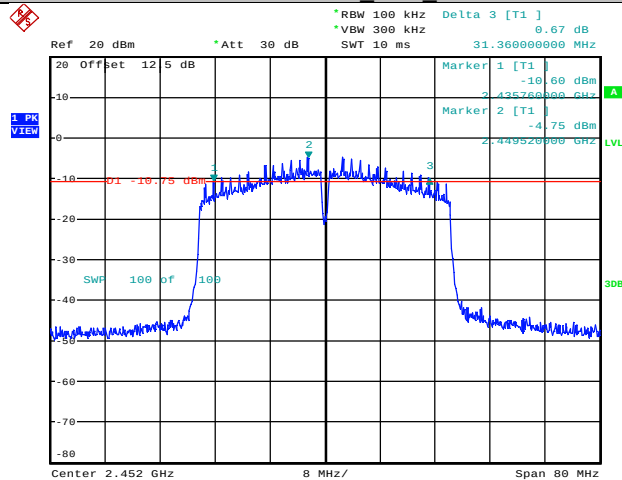
Date: 1.SEP.2023 19:47:56

11N40SISO_Ant1_2437



Date: 1.SEP.2023 19:53:56

11N40SISO_Ant1_2452

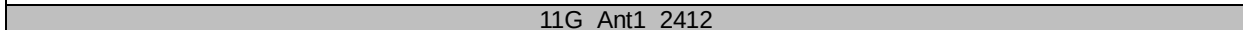
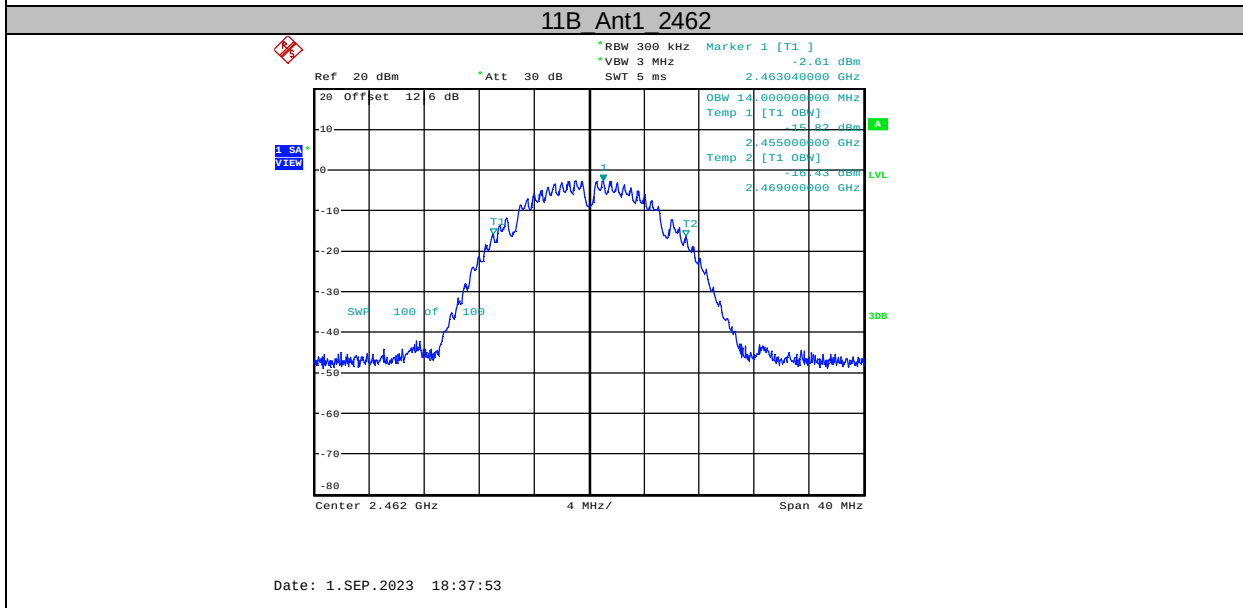
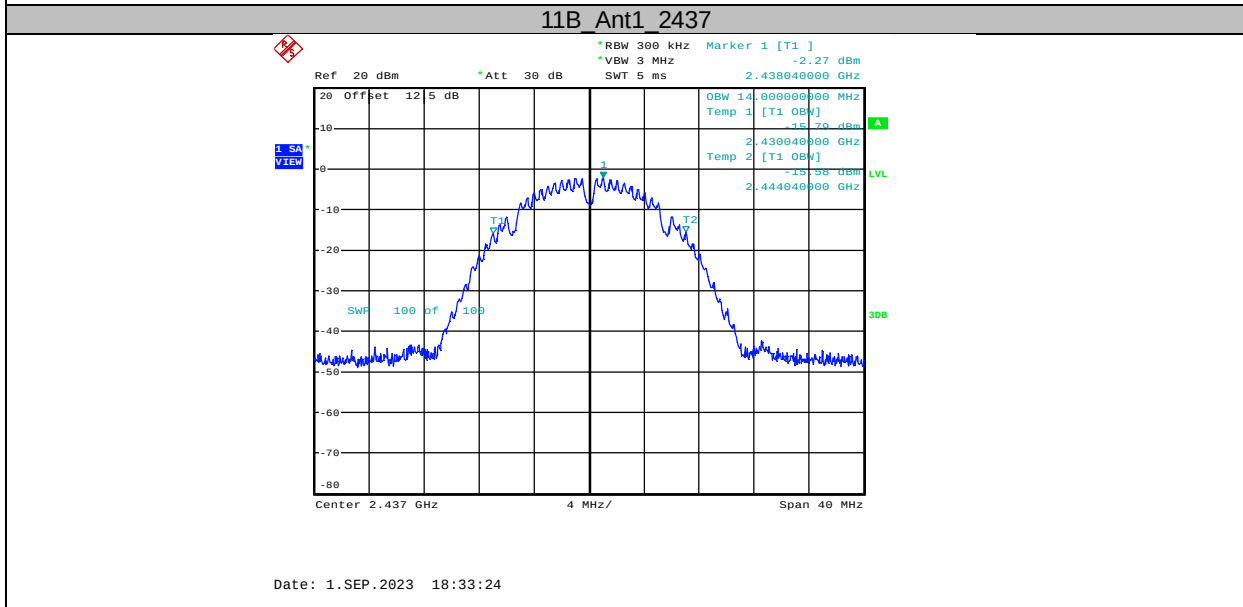
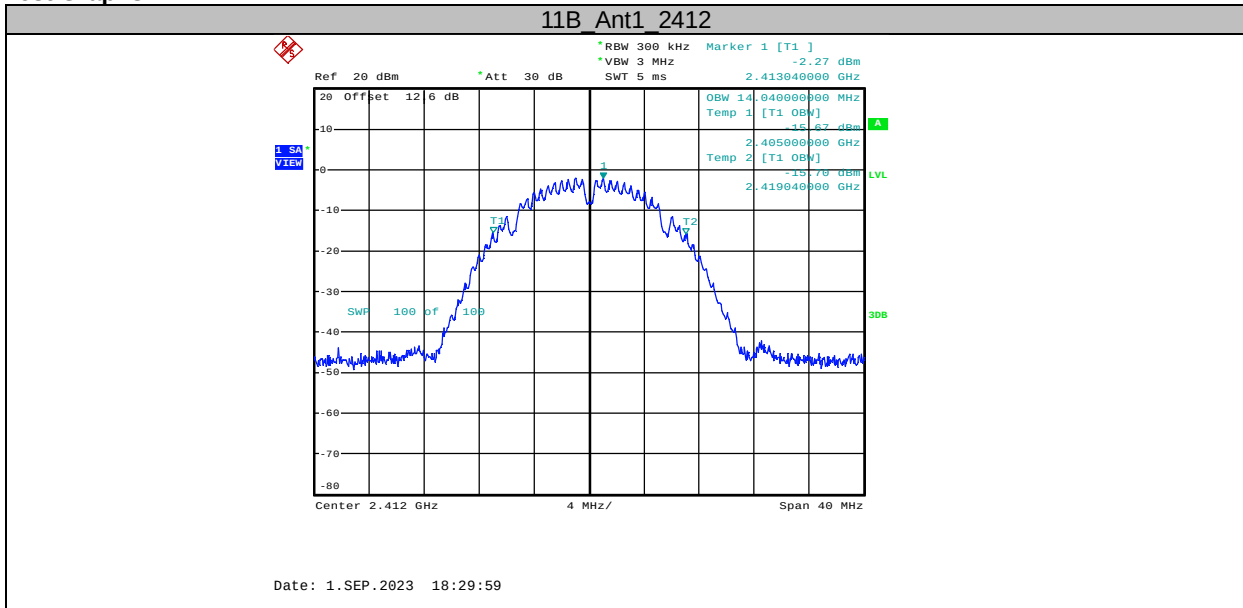


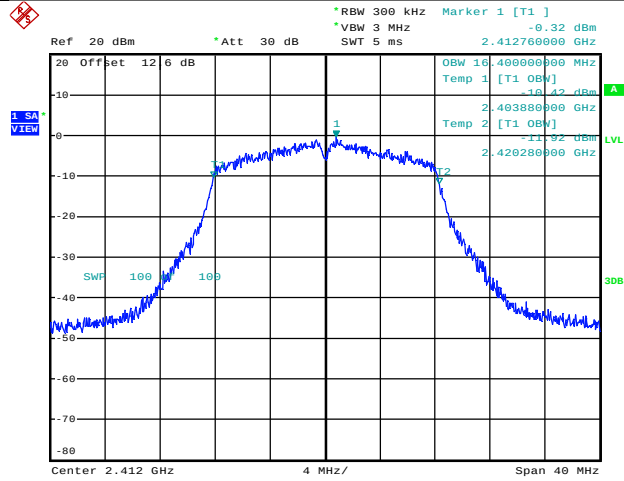
Date: 2.SEP.2023 17:19:02

**Appendix B: Occupied Channel Bandwidth
Test Result**

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.04	2405.000	2419.040	---	---
		2437	14	2430.040	2444.040	---	---
		2462	14	2455.000	2469.000	---	---
11G	Ant1	2412	16.4	2403.880	2420.280	---	---
		2437	16.4	2428.880	2445.280	---	---
		2462	16.4	2453.880	2470.280	---	---
11N20SISO	Ant1	2412	17.48	2403.280	2420.760	---	---
		2437	17.48	2428.320	2445.800	---	---
		2462	17.44	2453.320	2470.760	---	---
11N40SISO	Ant1	2422	35.6	2404.320	2439.920	---	---
		2437	35.44	2419.400	2454.840	---	---
		2452	35.44	2434.320	2469.760	---	---

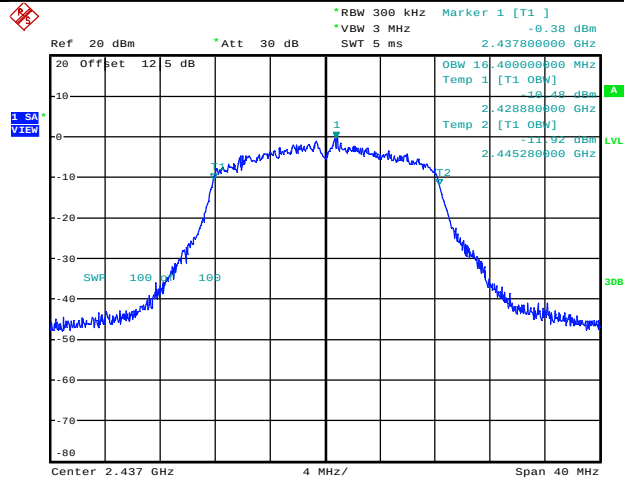
Test Graphs





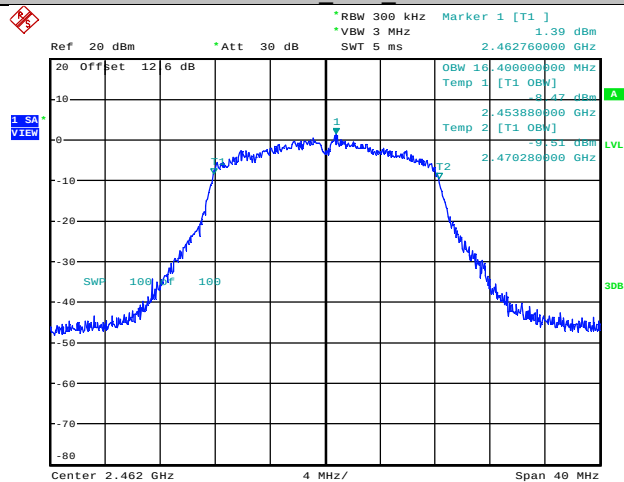
Date: 1.SEP.2023 18:50:06

11G Ant1_2437



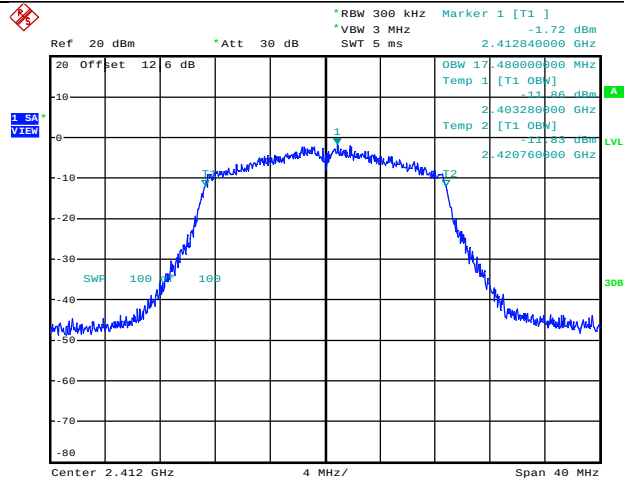
Date: 1.SEP.2023 18:55:42

11G Ant1_2462



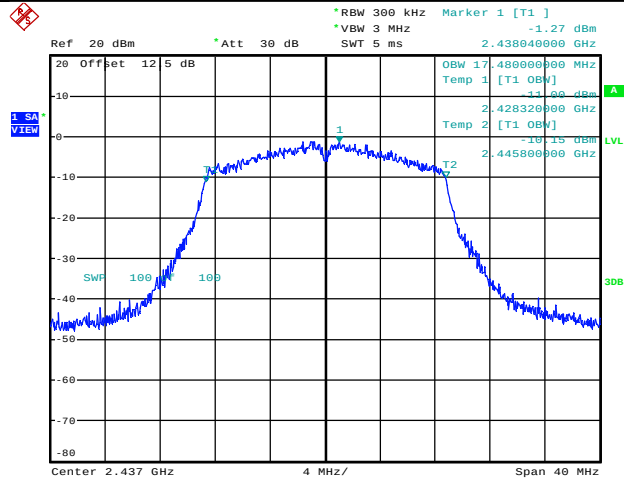
Date: 1.SEP.2023 18:58:35

11N20SISO_Ant1_2412



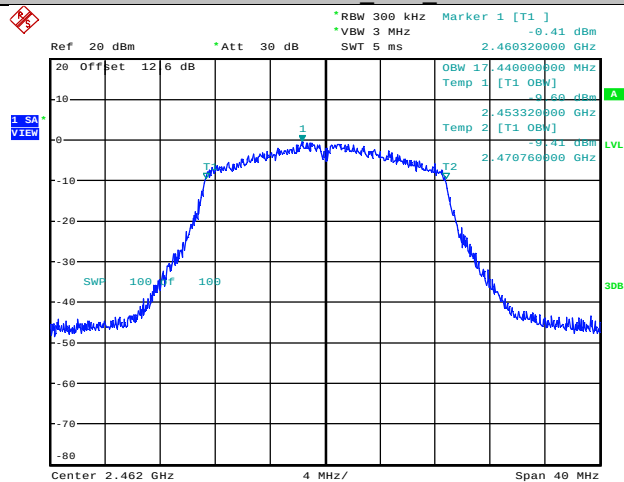
Date: 1.SEP.2023 19:13:35

11N20SISO_Ant1_2437



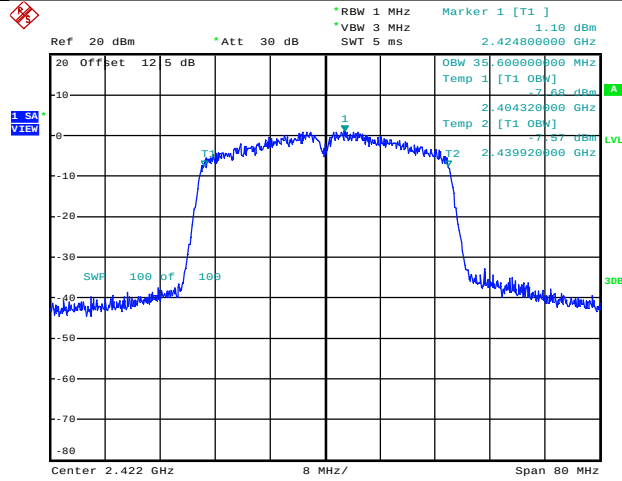
Date: 1.SEP.2023 19:16:41

11N20SISO_Ant1_2462



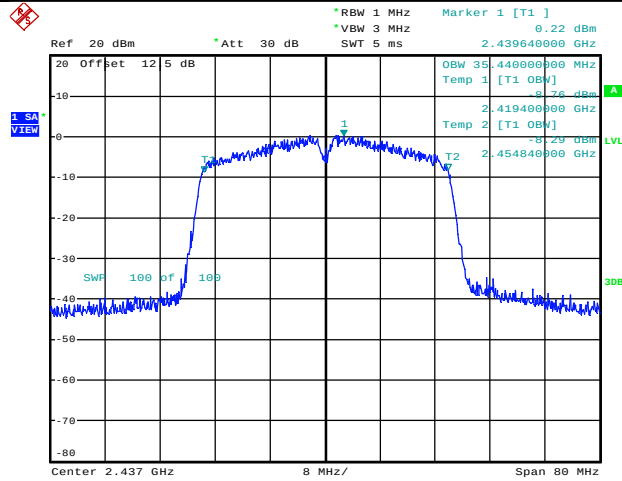
Date: 1.SEP.2023 19:31:22

11N40SISO_Ant1_2422



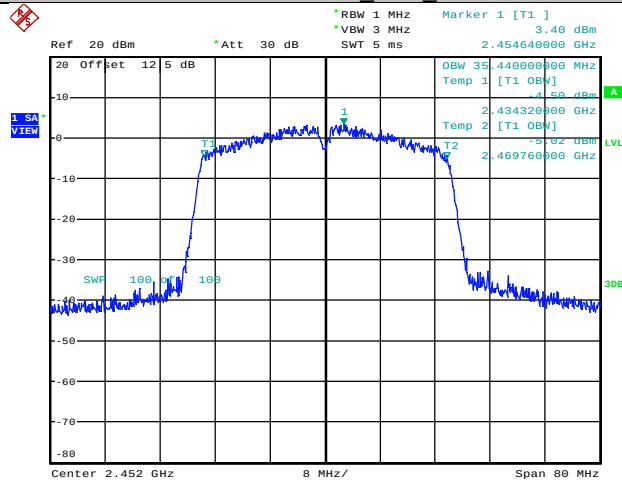
Date: 1.SEP.2023 19:48:16

11N40SISO_Ant1_2437



Date: 1.SEP.2023 19:54:16

11N40SISO_Ant1_2452



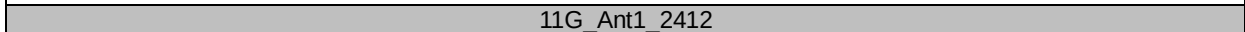
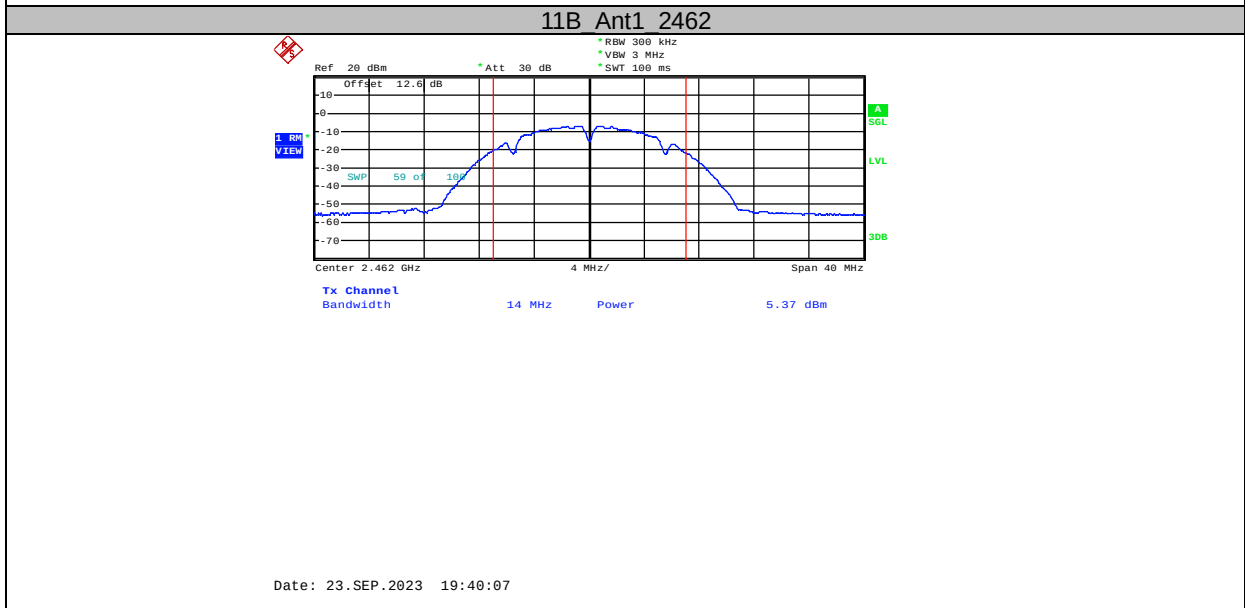
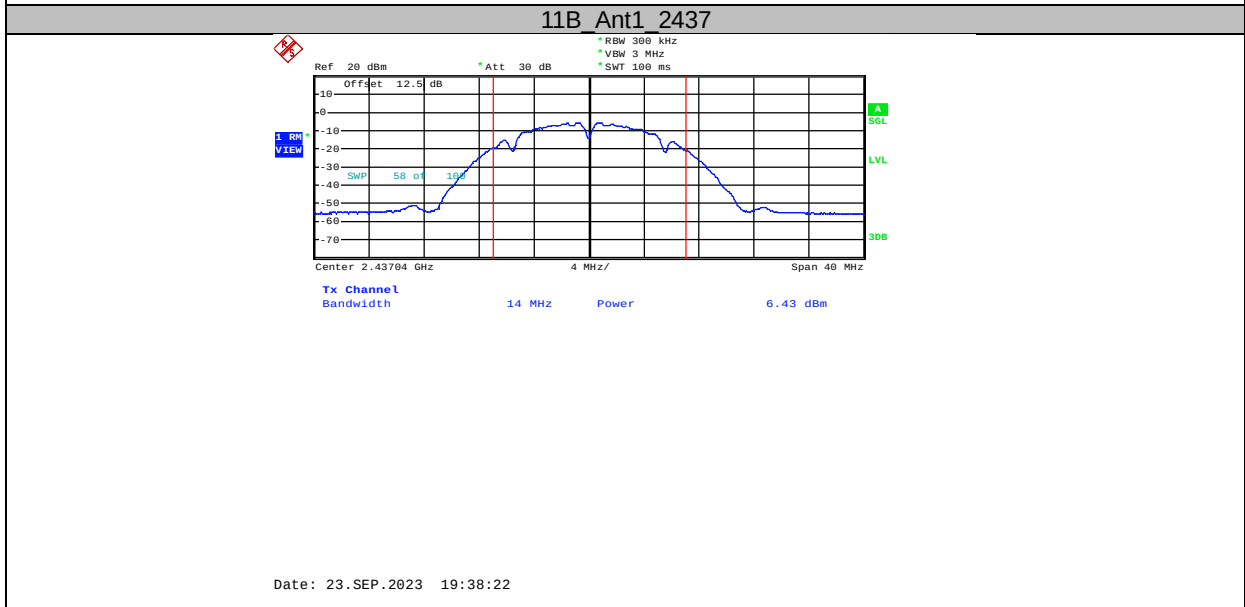
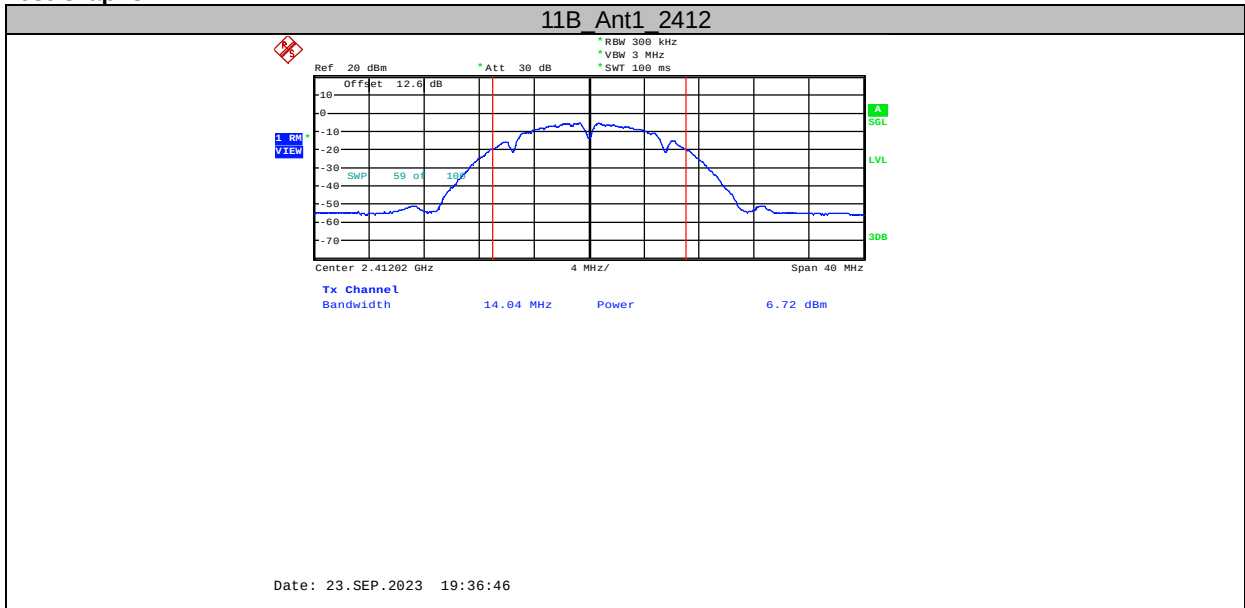
Date: 2.SEP.2023 17:19:22

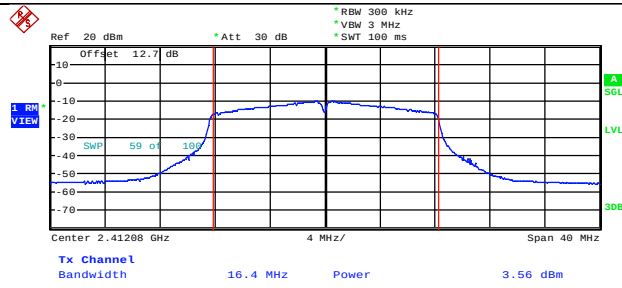
**Appendix C: Maximum conducted output power
Test Result**

TestMode	Antenna	Frequency [MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	6.72	≤30.00	9.49	≤36.00	PASS
		2437	---	6.43	≤30.00	9.20	≤36.00	PASS
		2462	---	5.37	≤30.00	8.14	≤36.00	PASS
11G	Ant1	2412	---	3.56	≤30.00	6.33	≤36.00	PASS
		2437	---	4.38	≤30.00	7.15	≤36.00	PASS
		2462	---	4.80	≤30.00	7.57	≤36.00	PASS
11N20SISO	Ant1	2412	---	3.94	≤30.00	6.71	≤36.00	PASS
		2437	---	4.15	≤30.00	6.92	≤36.00	PASS
		2462	---	4.68	≤30.00	7.45	≤36.00	PASS
11N40SISO	Ant1	2422	---	2.69	≤30.00	5.46	≤36.00	PASS
		2437	---	3.22	≤30.00	5.99	≤36.00	PASS
		2452	---	4.33	≤30.00	7.10	≤36.00	PASS

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	---	6.64	99.36	0.03	6.67	≤30.00	2.77	9.44	≤36.00	PASS
		2437	---	6.40	100.00	0.00	6.40	≤30.00	2.77	9.17	≤36.00	PASS
		2462	---	5.31	99.28	0.03	5.34	≤30.00	2.77	8.11	≤36.00	PASS
11G	Ant1	2412	---	3.18	96.74	0.14	3.32	≤30.00	2.77	6.09	≤36.00	PASS
		2437	---	3.93	95.83	0.18	4.11	≤30.00	2.77	6.88	≤36.00	PASS
		2462	---	4.47	97.65	0.10	4.57	≤30.00	2.77	7.34	≤36.00	PASS
11N20SISO	Ant1	2412	---	3.14	85.02	0.70	3.84	≤30.00	2.77	6.61	≤36.00	PASS
		2437	---	3.76	94.61	0.24	4.00	≤30.00	2.77	6.77	≤36.00	PASS
		2462	---	4.33	94.61	0.24	4.57	≤30.00	2.77	7.34	≤36.00	PASS
11N40SISO	Ant1	2422	---	2.48	98.96	0.05	2.53	≤30.00	2.77	5.30	≤36.00	PASS
		2437	---	3.06	96.91	0.14	3.20	≤30.00	2.77	5.97	≤36.00	PASS
		2452	---	4.16	96.91	0.14	4.30	≤30.00	2.77	7.07	≤36.00	PASS

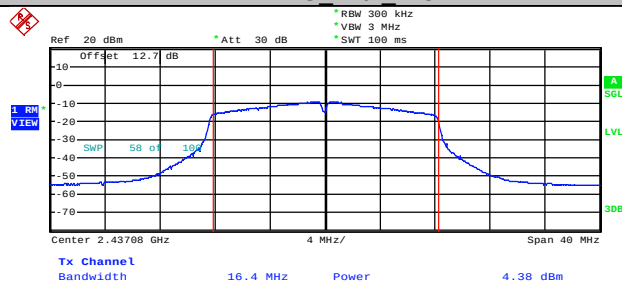
Test Graphs





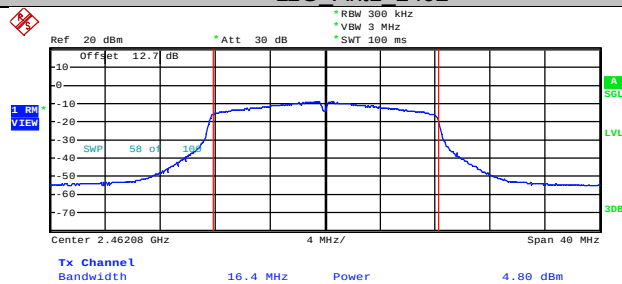
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11G Ant1_2437



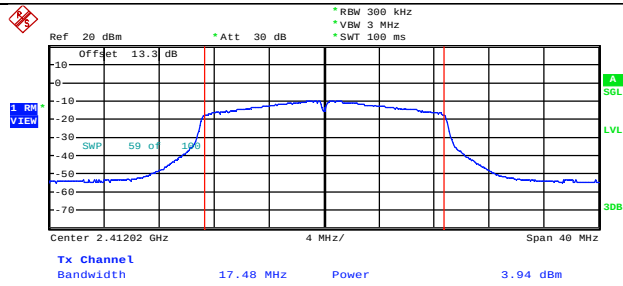
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11G Ant1_2462



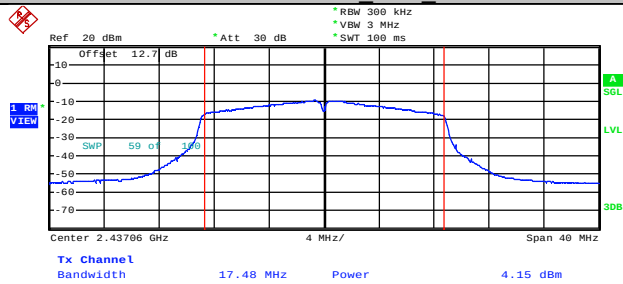
Date: 23.SEP.2023 20:09:42

11N20SISO_Ant1_2412



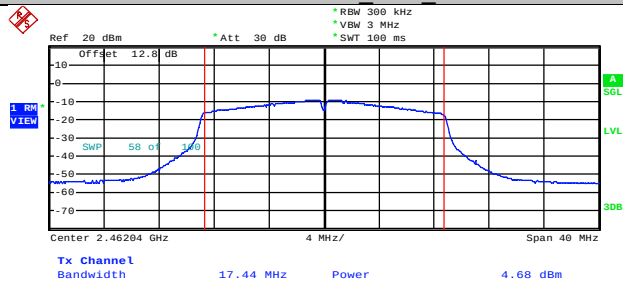
Date: 23.SEP.2023 20:17:27

11N20SISO_Ant1_2437



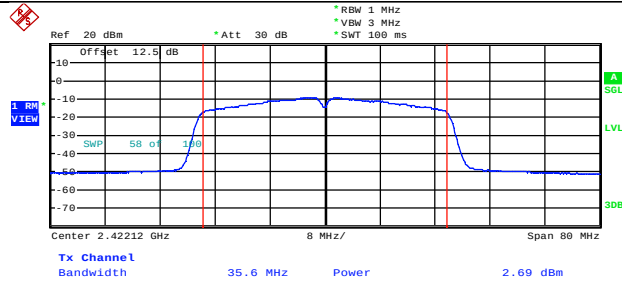
Date: 23.SEP.2023 20:21:59

11N20SISO_Ant1_2462



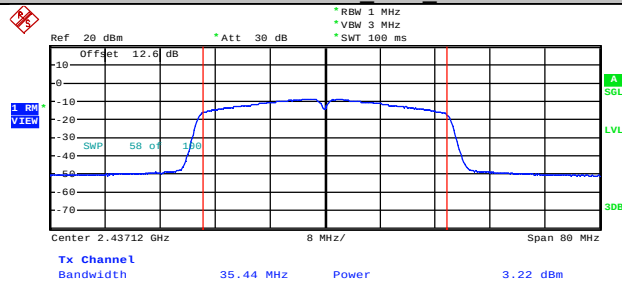
Date: 23.SEP.2023 20:24:03

11N40SISO_Ant1_2422



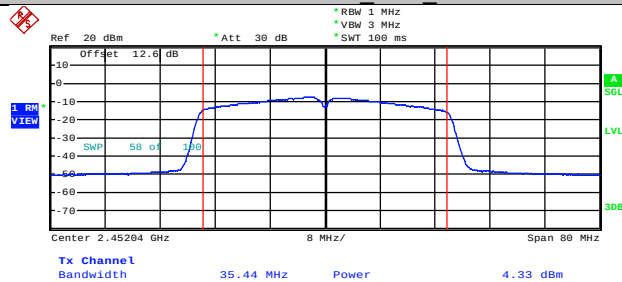
Date: 23.SEP.2023 20:34:23

11N40SISO_Ant1_2437

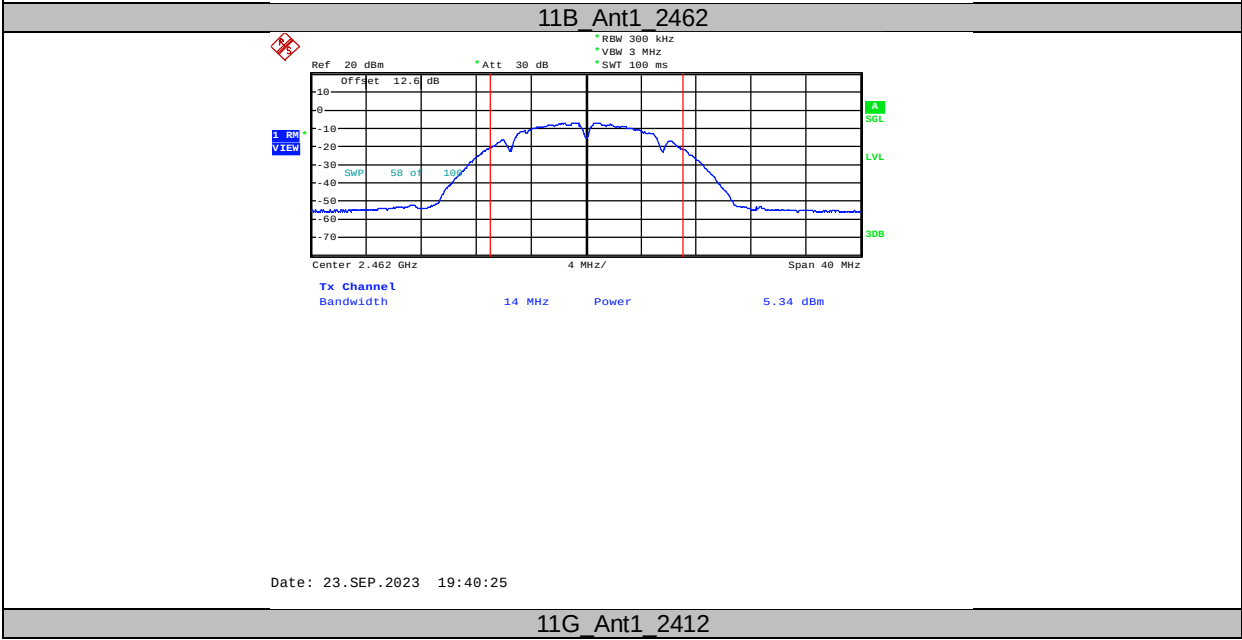
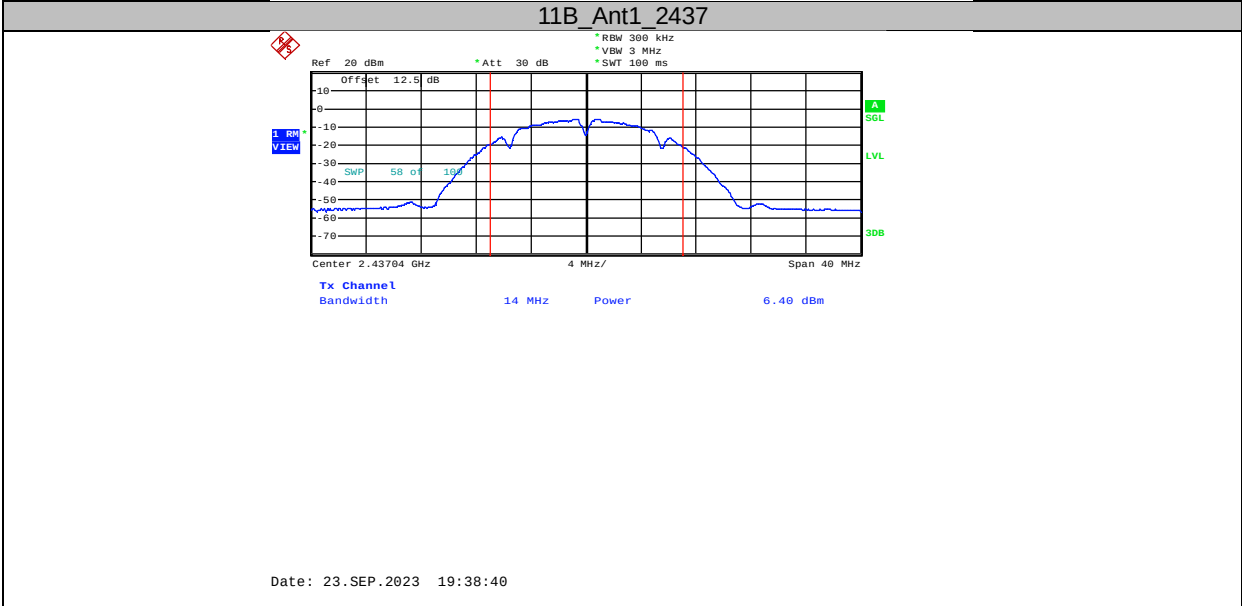
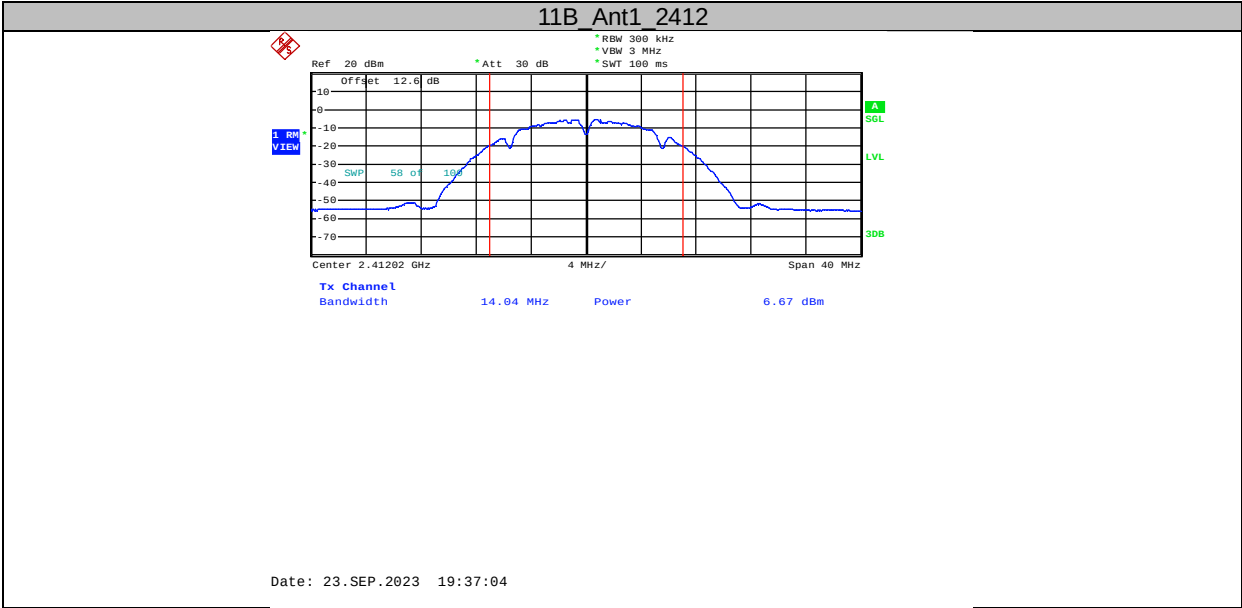


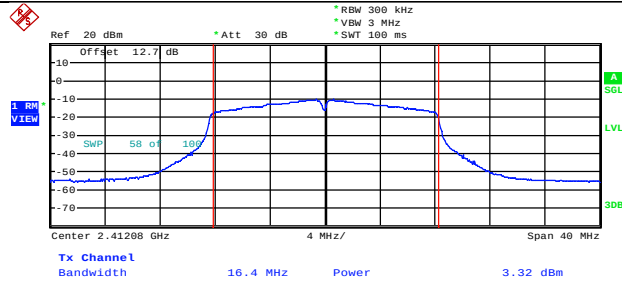
Date: 23.SEP.2023 20:27:14

11N40SISO_Ant1_2452



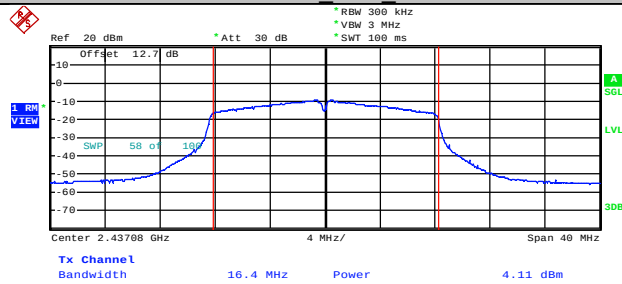
Date: 23.SEP.2023 20:28:18





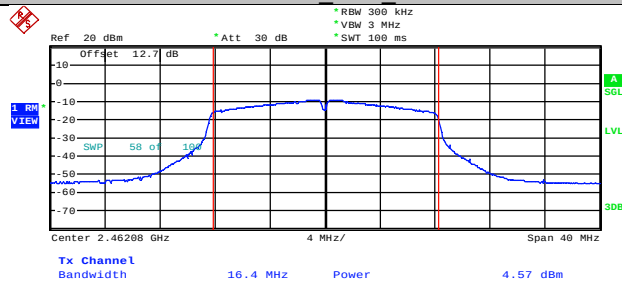
Date: 23.SEP.2023 20:00:33

11G Ant1_2437



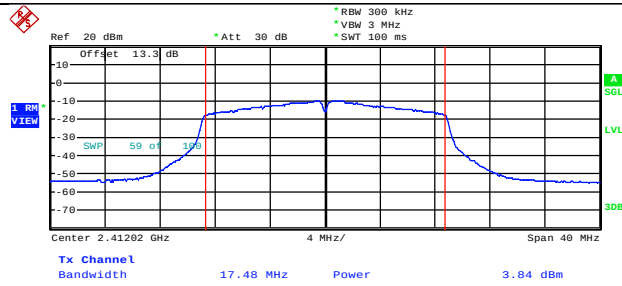
Date: 23.SEP.2023 20:07:06

11G Ant1_2462



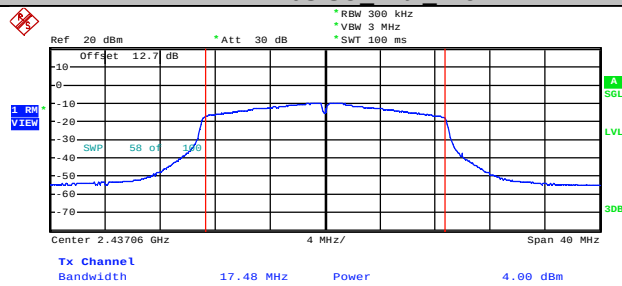
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11N20SISO_Ant1_2412



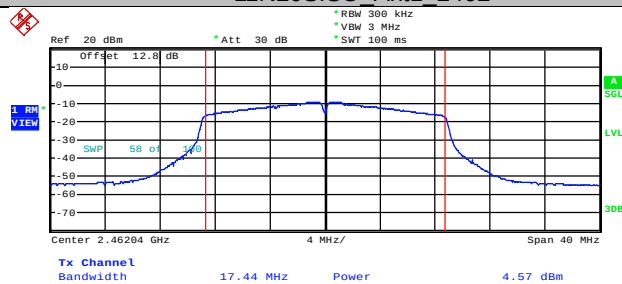
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11N20SISO_Ant1_2437



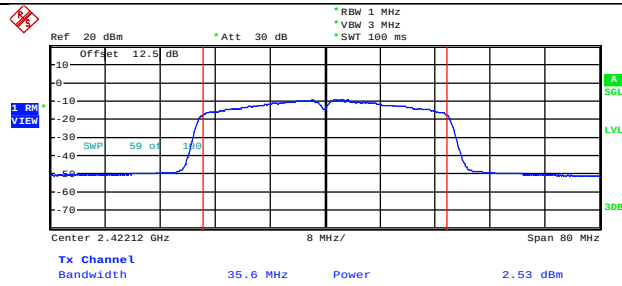
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11N20SISO_Ant1_2462



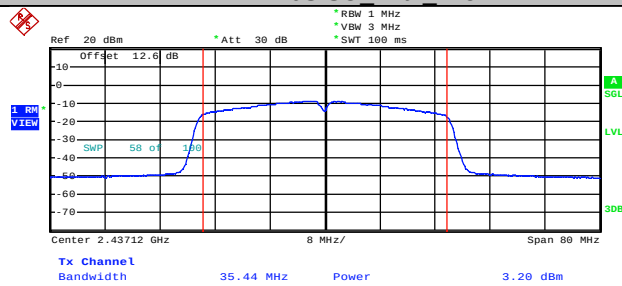
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11N40SISO_Ant1_2422



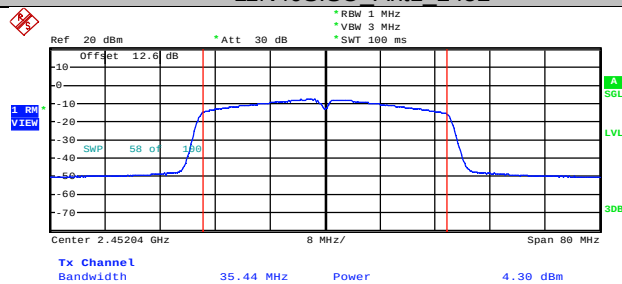
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11N40SISO_Ant1_2437



Date: 23.SEP.2023 20:27:32

11N40SISO_Ant1_2452

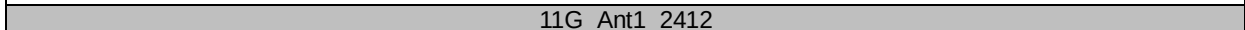
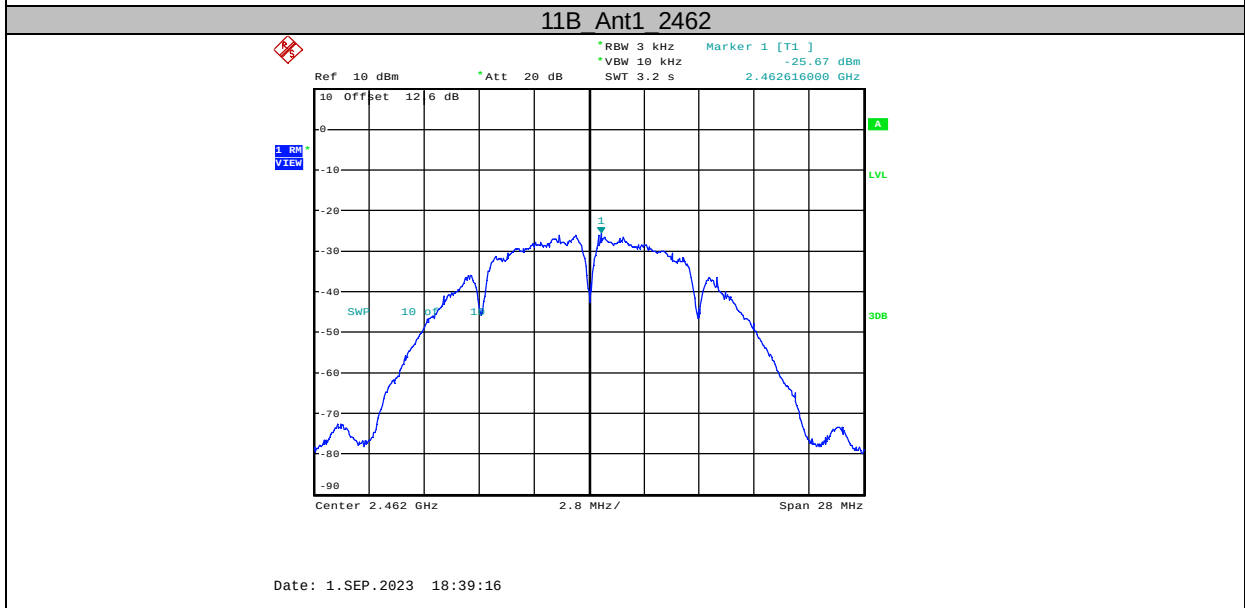
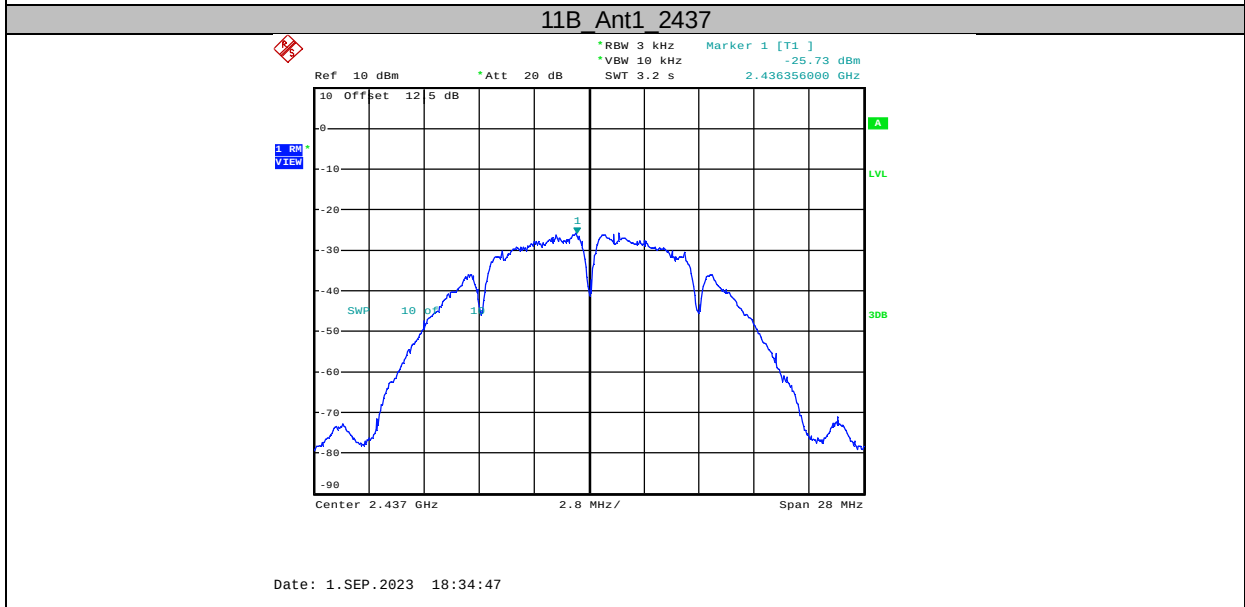
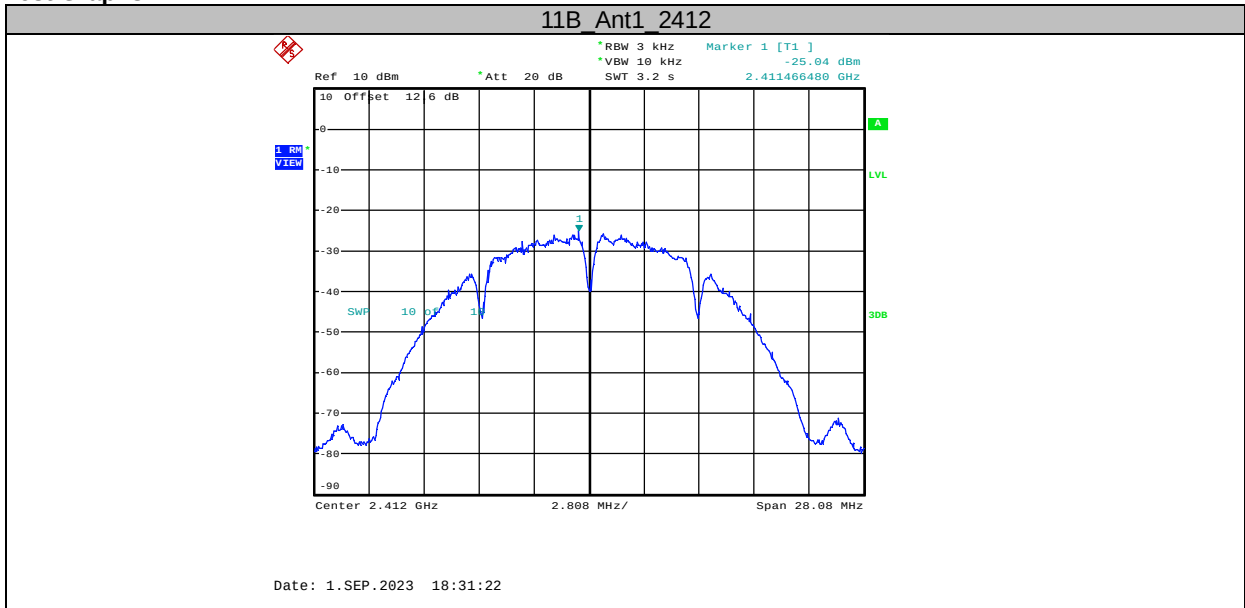


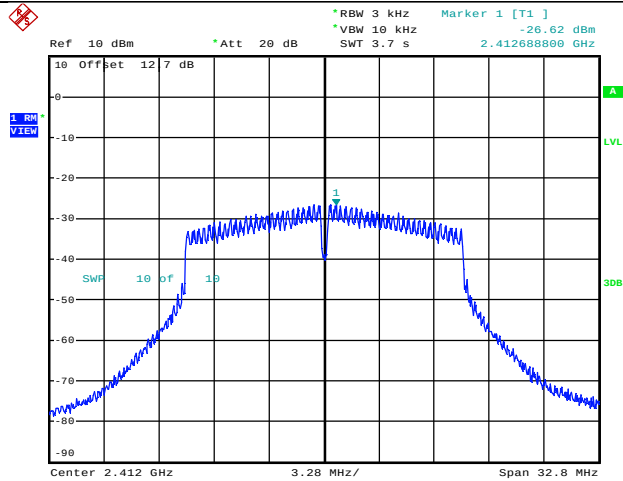
Date: 23.SEP.2023 20:28:36

**Appendix D: Maximum power spectral density
Test Result**

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-25.04	≤8.00	PASS
		2437	-25.73	≤8.00	PASS
		2462	-25.67	≤8.00	PASS
11G	Ant1	2412	-26.62	≤8.00	PASS
		2437	-25.93	≤8.00	PASS
		2462	-24.62	≤8.00	PASS
11N20SISO	Ant1	2412	-27.15	≤8.00	PASS
		2437	-26.51	≤8.00	PASS
		2462	-26.03	≤8.00	PASS
11N40SISO	Ant1	2422	-30.51	≤8.00	PASS
		2437	-31.23	≤8.00	PASS
		2452	-30.10	≤8.00	PASS

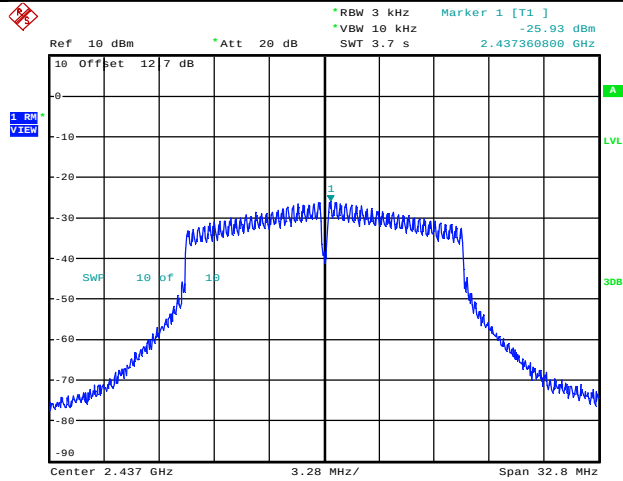
Test Graphs





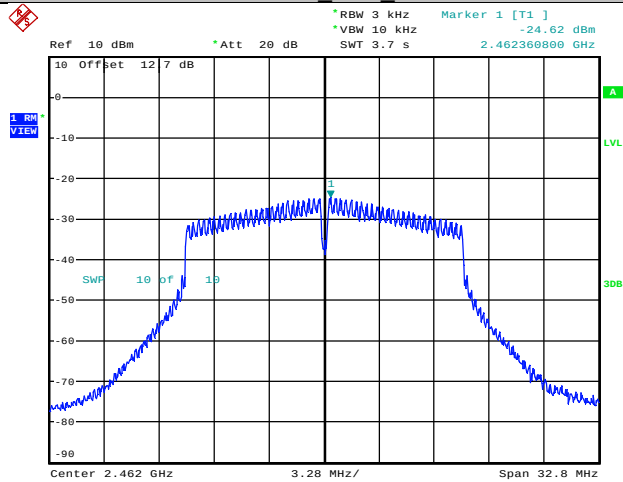
Date: 1.SEP.2023 18:51:35

11G Ant1_2437



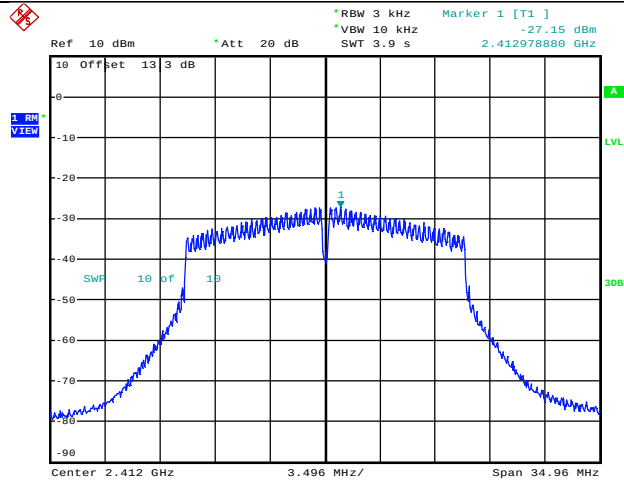
Date: 1.SEP.2023 18:57:12

11G Ant1_2462



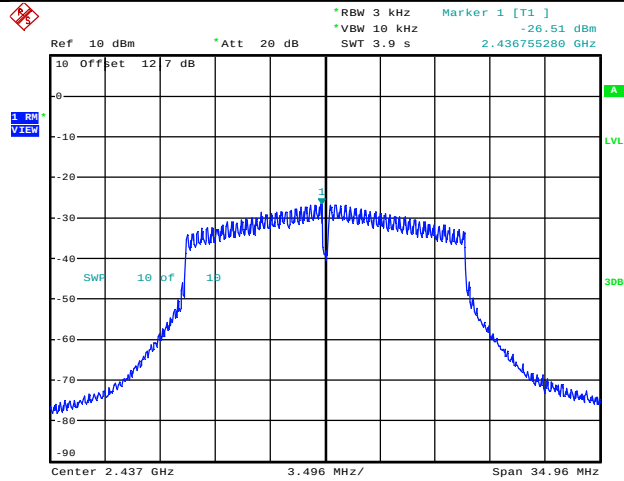
Date: 1.SEP.2023 19:00:05

11N20SISO_Ant1_2412



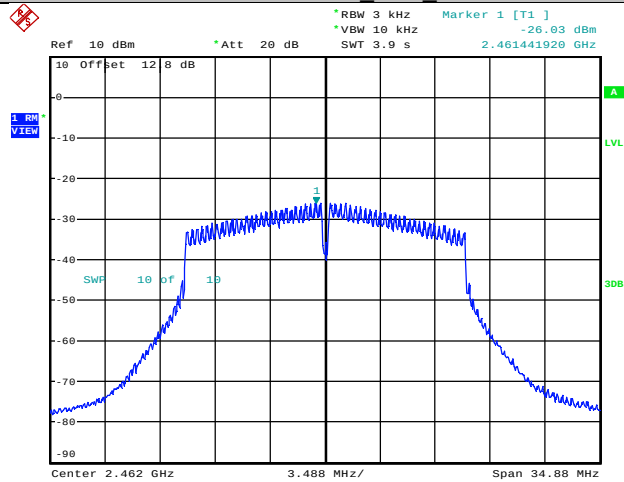
Date: 1.SEP.2023 19:15:07

11N20SISO_Ant1_2437



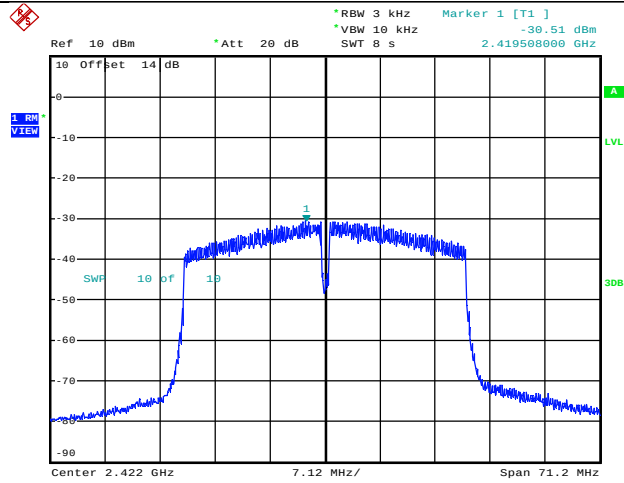
Date: 1.SEP.2023 19:18:14

11N20SISO_Ant1_2462



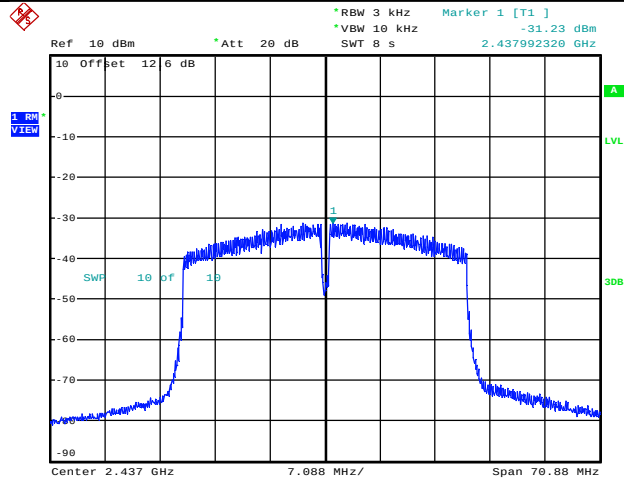
Date: 1.SEP.2023 19:32:55

11N40SISO_Ant1_2422



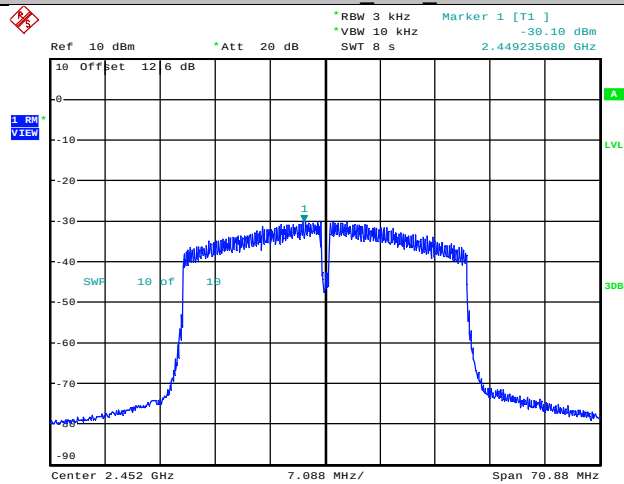
Date: 1.SEP.2023 19:52:40

11N40SISO_Ant1_2437



Date: 1.SEP.2023 19:56:42

11N40SISO_Ant1_2452



Date: 2.SEP.2023 17:24:00

Appendix E: Band edge measurements

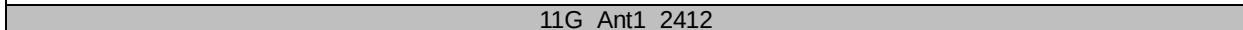
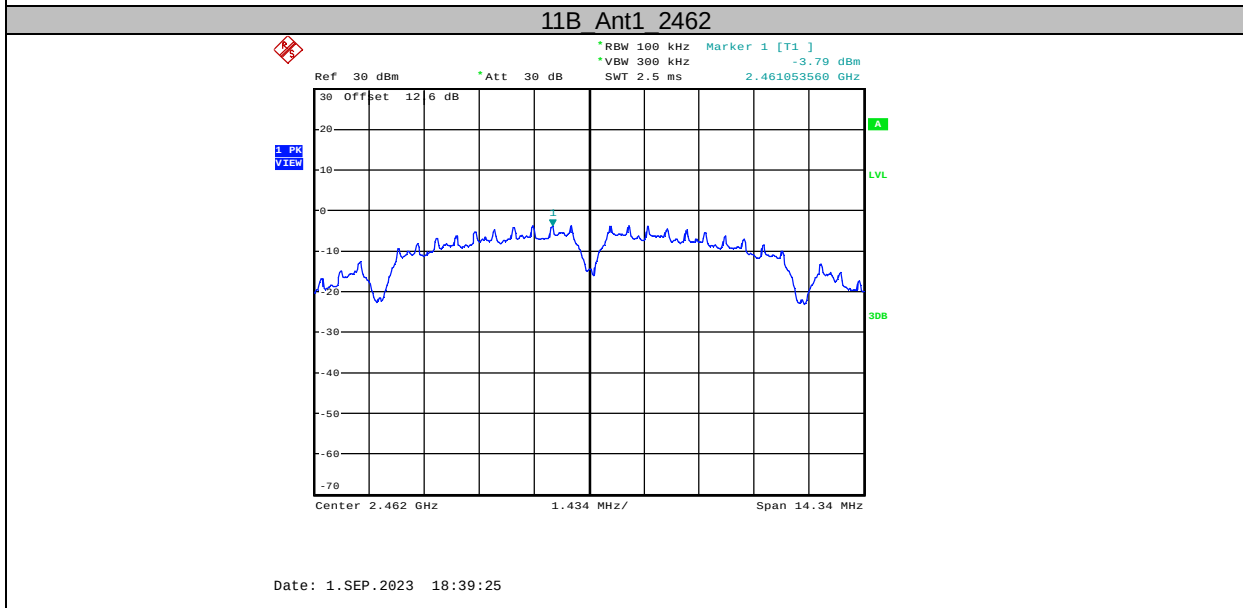
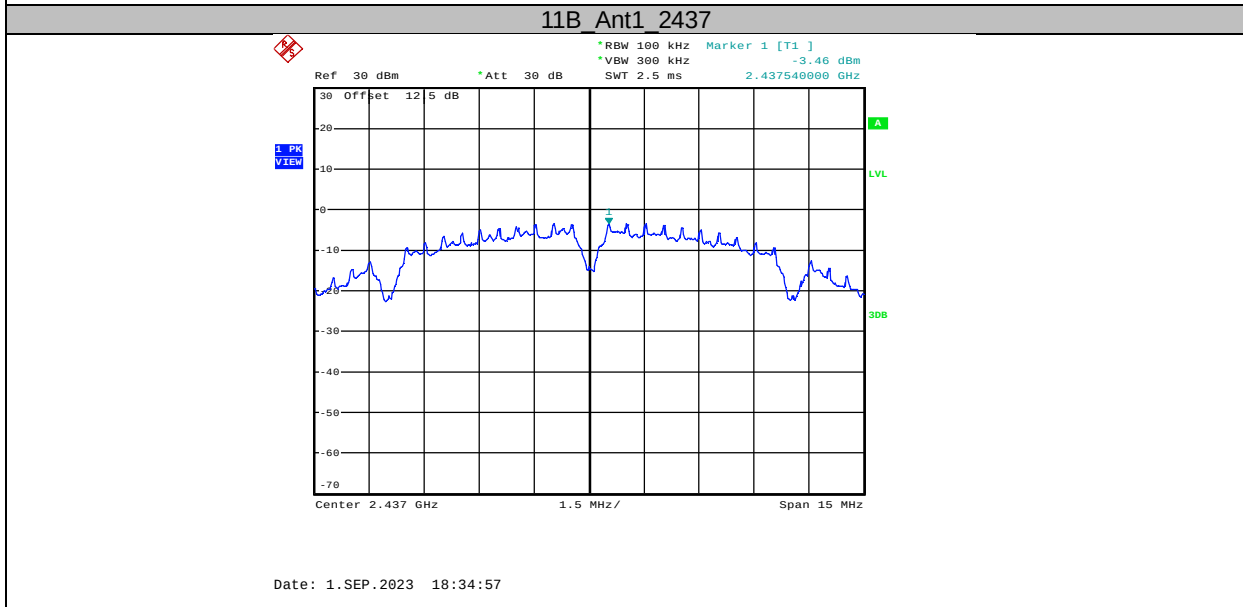
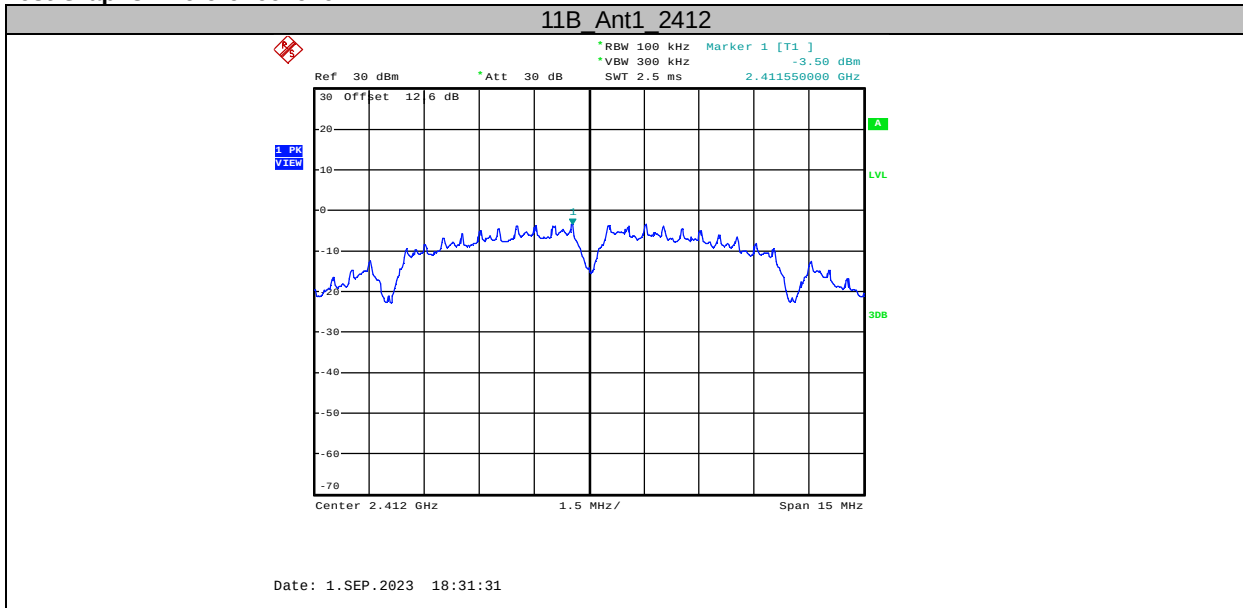
Test Result - Reference level

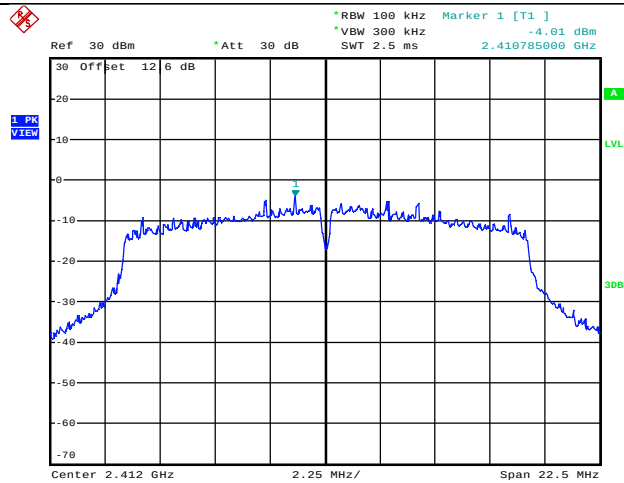
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.55	-3.50
		2437	2437.54	-3.46
		2462	2461.05	-3.79
11G	Ant1	2412	2410.79	-4.01
		2437	2435.78	-4.03
		2462	2463.31	-1.71
11N20SISO	Ant1	2412	2410.78	-4.84
		2437	2435.78	-4.39
		2462	2463.31	-2.56
11N40SISO	Ant1	2422	2419.56	-8.26
		2437	2434.56	-7.91
		2452	2449.55	-6.67

Test Result - Band edge

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.50	-45.79	≤-33.50	PASS
		High	2462	-3.79	-46.20	≤-33.79	PASS
11G	Ant1	Low	2412	-4.01	-42.11	≤-34.01	PASS
		High	2462	-1.71	-45.80	≤-31.71	PASS
11N20SISO	Ant1	Low	2412	-4.84	-44.13	≤-34.84	PASS
		High	2462	-2.56	-46.10	≤-32.56	PASS
11N40SISO	Ant1	Low	2422	-8.26	-47.81	≤-38.26	PASS
		High	2452	-6.67	-48.19	≤-36.67	PASS

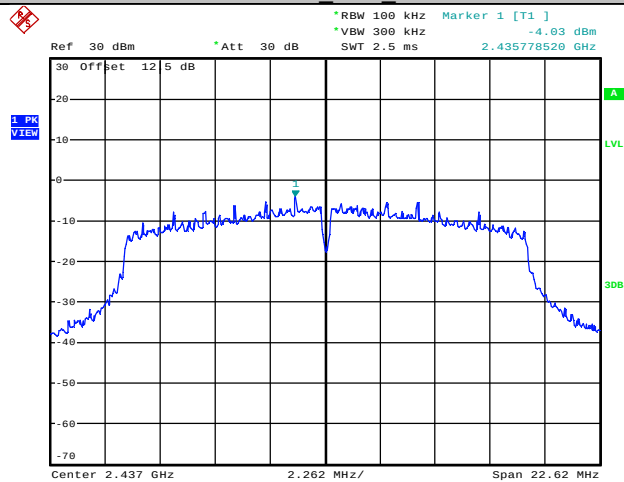
Test Graphs - Reference level





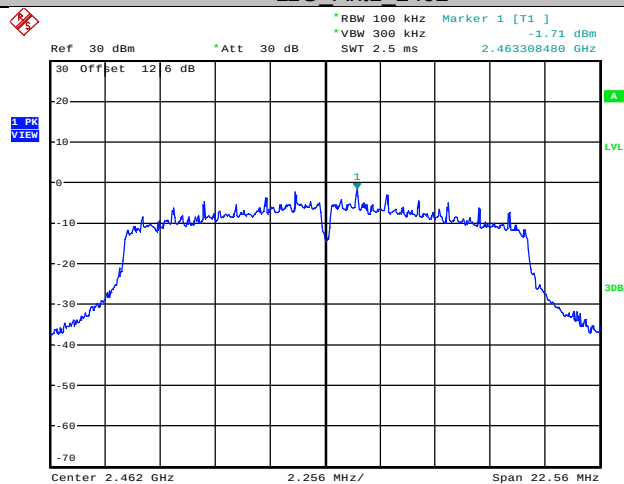
Date: 1.SEP.2023 18:51:45

11G Ant1_2437



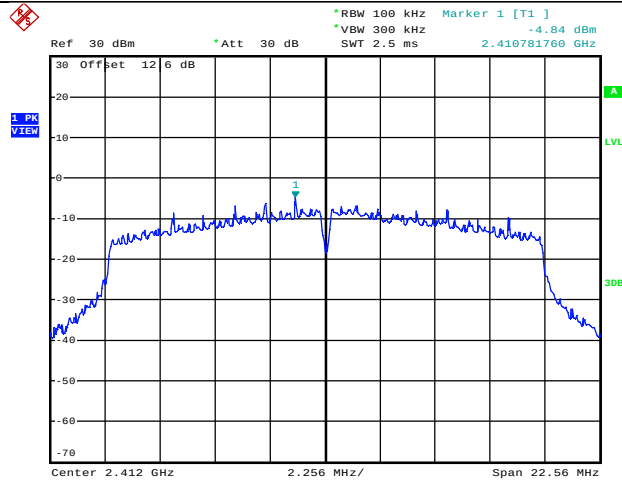
Date: 1.SEP.2023 18:57:21

11G Ant1_2462



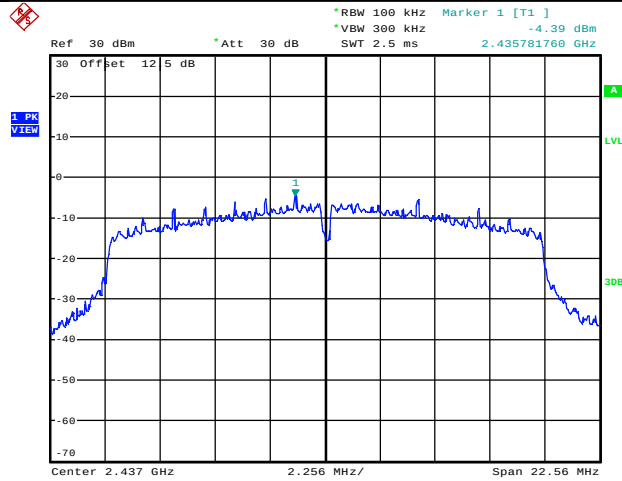
Date: 1.SEP.2023 19:00:14

11N20SISO_Ant1_2412



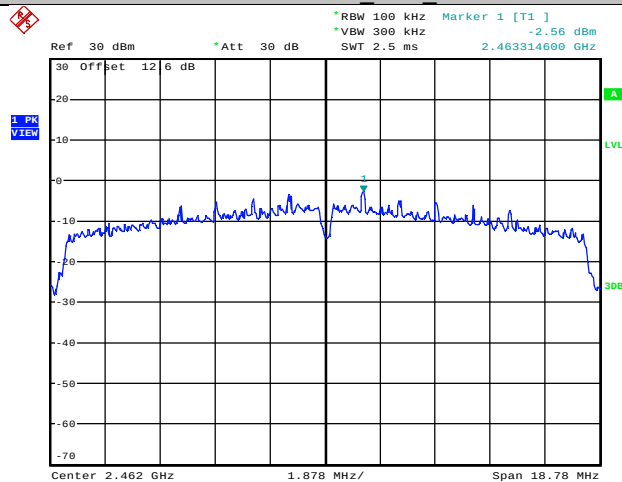
Date: 1.SEP.2023 19:15:17

11N20SISO_Ant1_2437



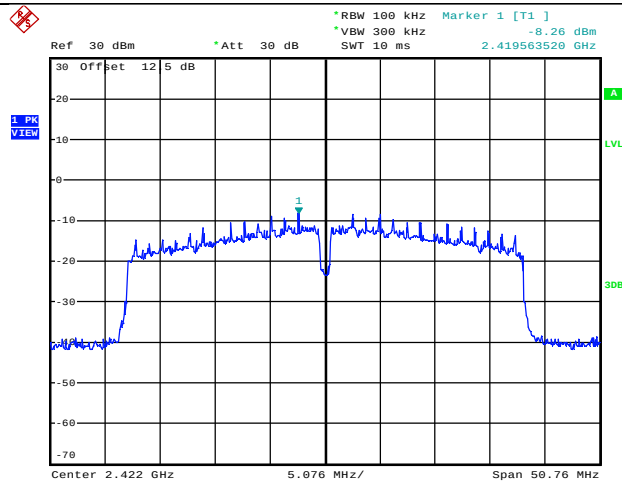
Date: 1.SEP.2023 19:18:23

11N20SISO_Ant1_2462



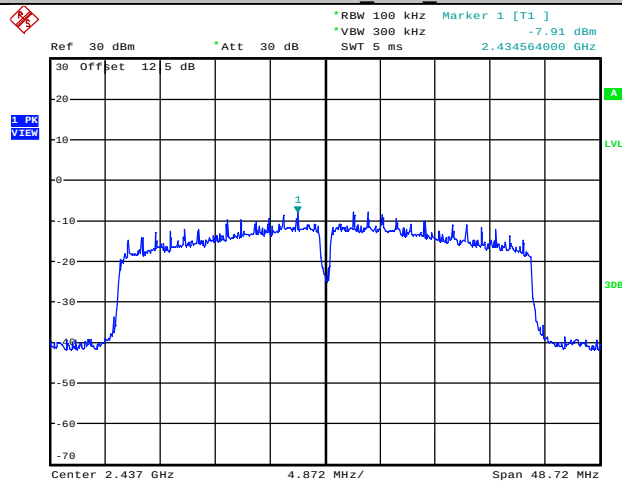
Date: 1.SEP.2023 19:33:04

11N40SISO_Ant1_2422



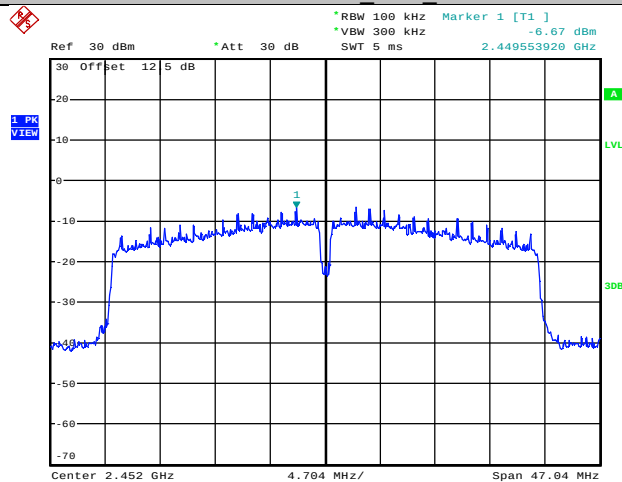
Date: 1.SEP.2023 19:52:50

11N40SISO_Ant1_2437



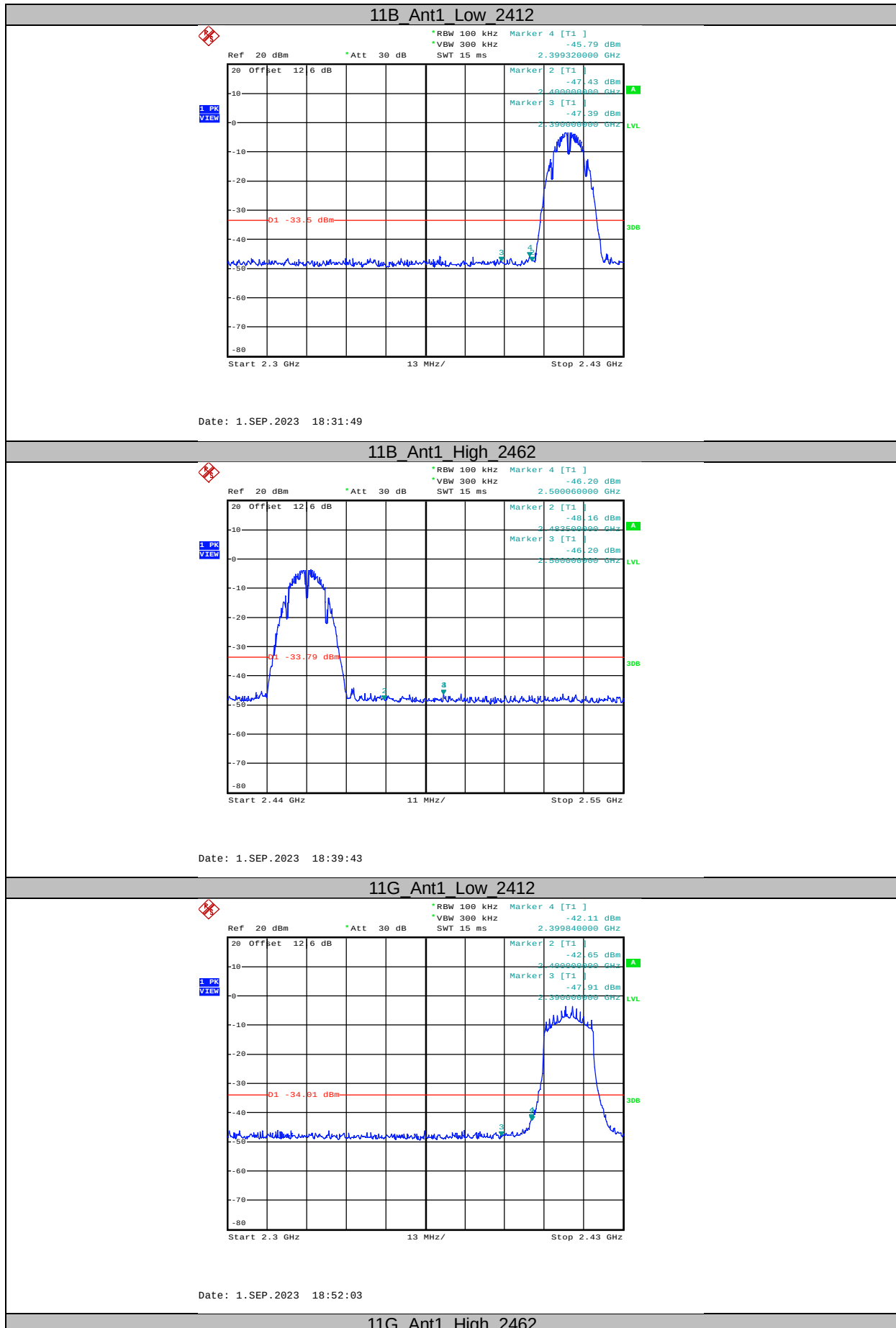
Date: 1.SEP.2023 19:56:52

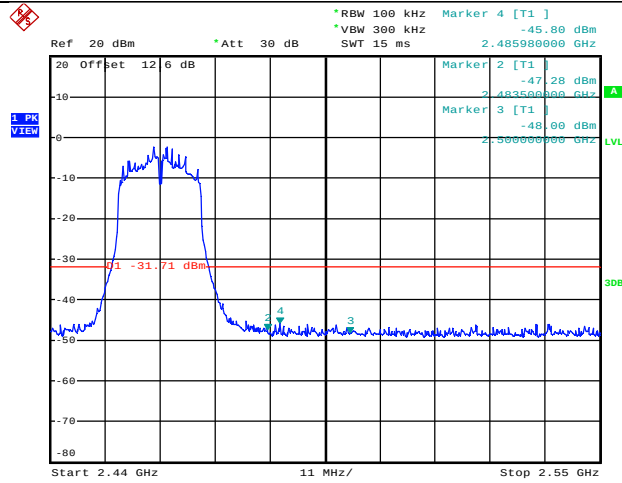
11N40SISO_Ant1_2452



Date: 2.SEP.2023 17:24:10

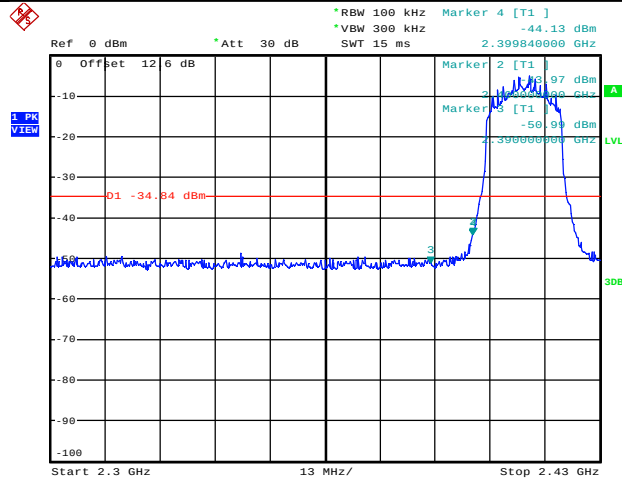
Test Graphs – Band edge





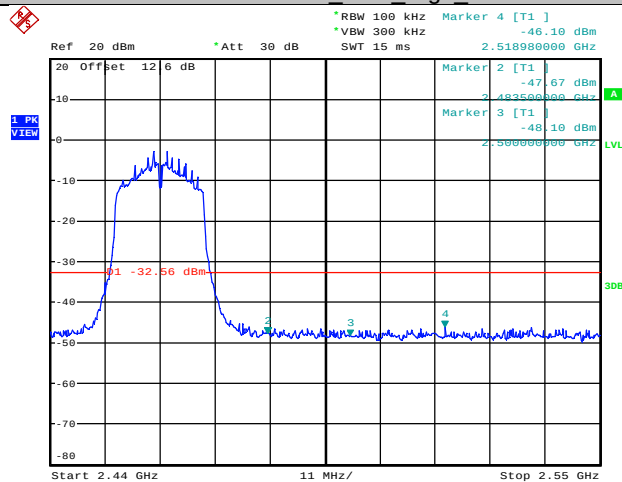
Date: 1.SEP.2023 19:00:32

11N20SISO_Ant1_Low_2412



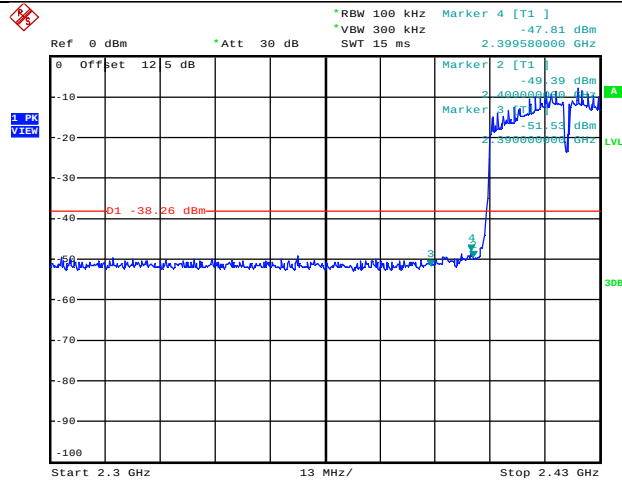
Date: 1.SEP.2023 19:15:35

11N20SISO_Ant1_High_2462



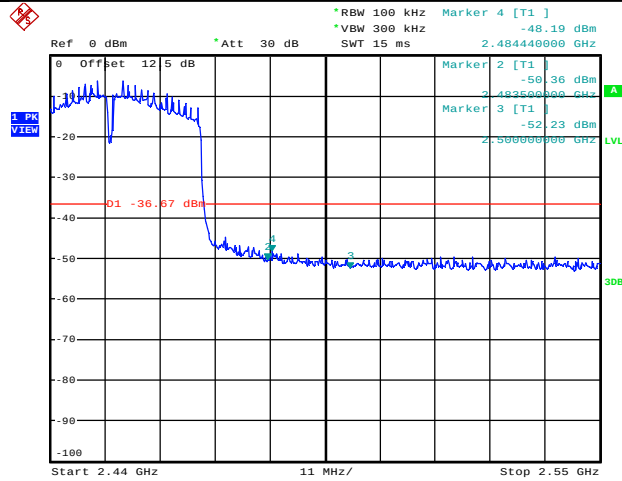
Date: 1.SEP.2023 19:33:22

11N40SISO_Ant1_Low_2422



Date: 1.SEP.2023 19:53:08

11N40SISO_Ant1_High_2452



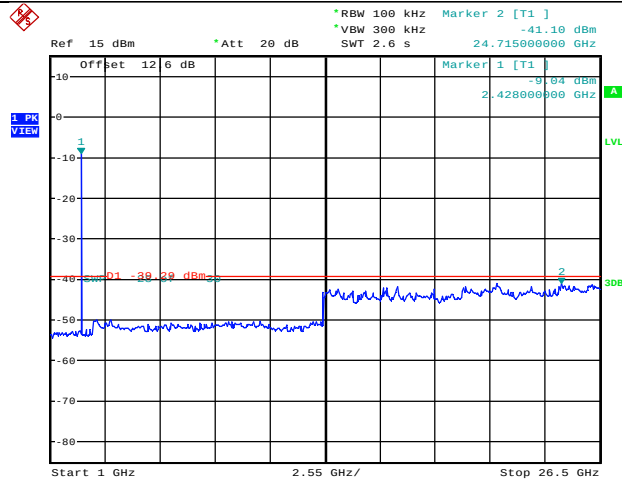
Date: 2.SEP.2023 17:24:28

**Appendix F: Conducted Spurious Emission
Test Result**

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	-5.24	-52.33	≤-35.24	PASS
			1000~26500	-5.24	-40.45	≤-35.24	PASS
		2437	30~1000	-9.29	-52.09	≤-39.29	PASS
			1000~26500	-9.29	-41.1	≤-39.29	PASS
		2462	30~1000	-10.21	-51.52	≤-40.21	PASS
			1000~26500	-10.21	-40.7	≤-40.21	PASS
11G	Ant1	2412	30~1000	1.71	-51.87	≤-28.29	PASS
			1000~26500	1.71	-39.58	≤-28.29	PASS
		2437	30~1000	2.07	-51.97	≤-27.93	PASS
			1000~26500	2.07	-40.31	≤-27.93	PASS
		2462	30~1000	3.72	-52.01	≤-26.28	PASS
			1000~26500	3.72	-40.16	≤-26.28	PASS
11N20SISO	Ant1	2412	30~1000	-2.69	-51.81	≤-32.69	PASS
			1000~26500	-2.69	-40.23	≤-32.69	PASS
		2437	30~1000	-2.89	-51.99	≤-32.89	PASS
			1000~26500	-2.89	-40.08	≤-32.89	PASS
		2462	30~1000	-1.35	-52.3	≤-31.35	PASS
			1000~26500	-1.35	-39.67	≤-31.35	PASS
11N40SISO	Ant1	2422	30~1000	-7.68	-52.11	≤-37.68	PASS
			1000~26500	-7.68	-39.76	≤-37.68	PASS
		2437	Reference	-12.56	-12.56	---	PASS
			30~1000	-7.36	-52.59	≤-37.36	PASS
			1000~26500	-7.36	-39.69	≤-37.36	PASS
		2452	Reference	-11.30	-11.30	---	PASS
			30~1000	-5.48	-52.36	≤-35.48	PASS
			1000~26500	-5.48	-40.65	≤-35.48	PASS

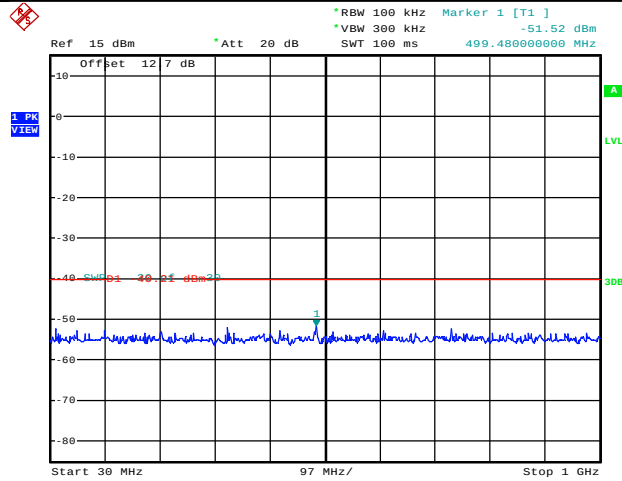
Test Graphs





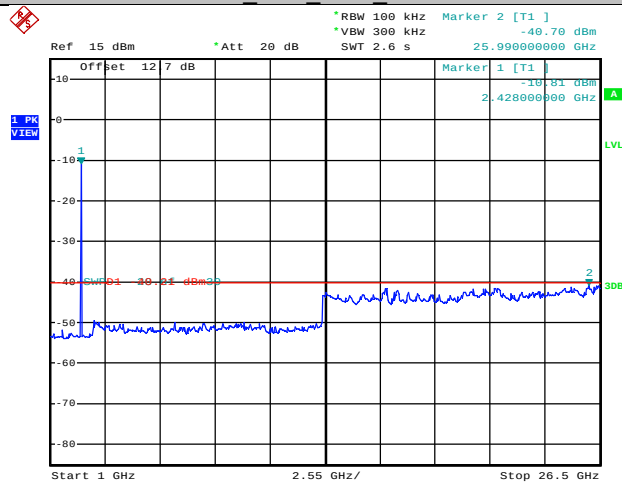
Date: 17.AUG.2023 23:12:25

11B_Ant1_2462_30~1000



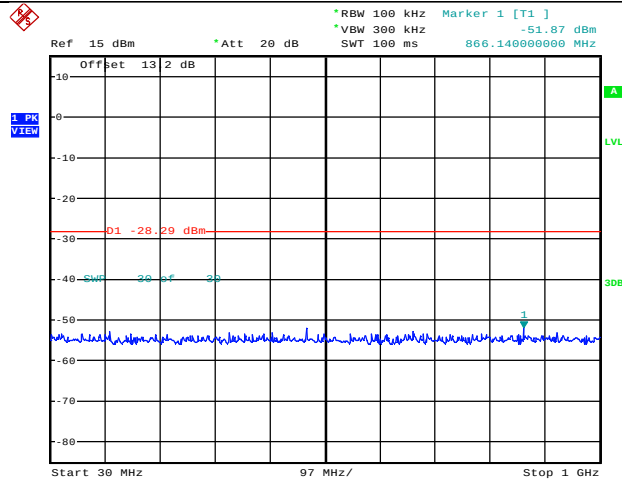
Date: 17.AUG.2023 23:19:02

11B_Ant1_2462_1000~26500



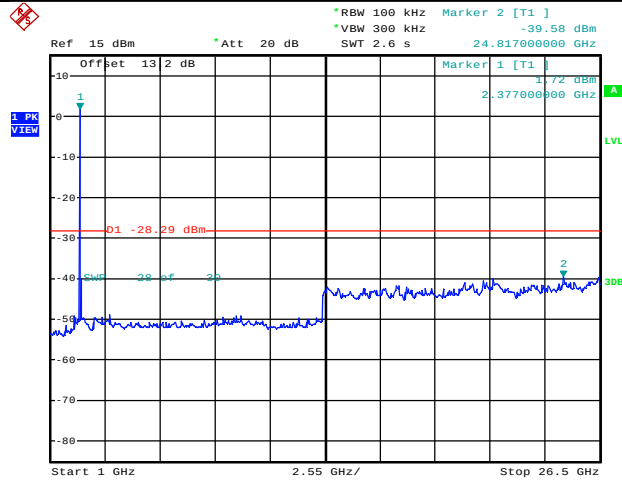
Date: 17.AUG.2023 23:20:47

11G_Ant1_2412_30~1000



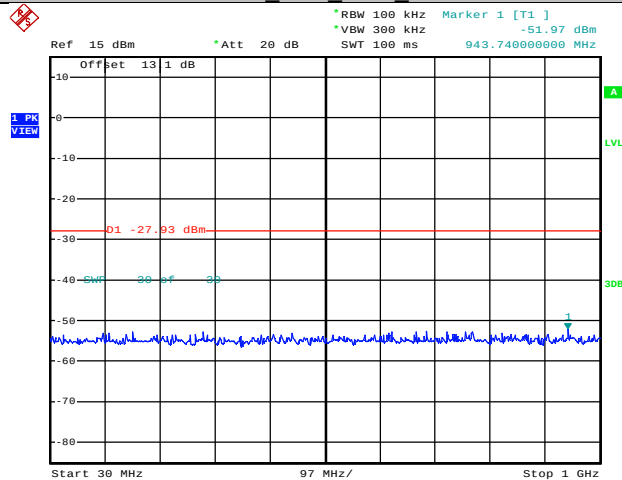
Date: 13.AUG.2023 13:56:40

11G_Ant1_2412_1000-26500



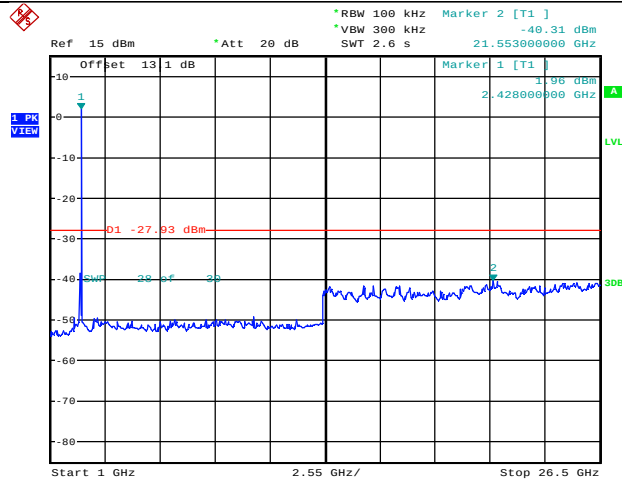
Date: 13.AUG.2023 13:58:25

11G_Ant1_2437_30-1000



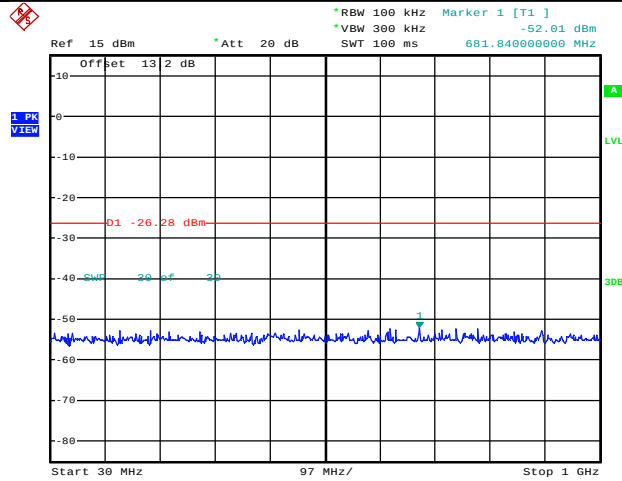
Date: 13.AUG.2023 14:14:03

11G_Ant1_2437_1000-26500



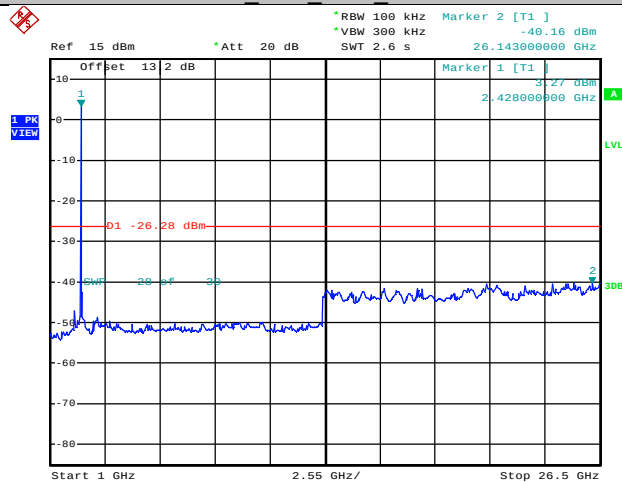
Date: 13.AUG.2023 14:15:48

11G_Ant1_2462_30~1000



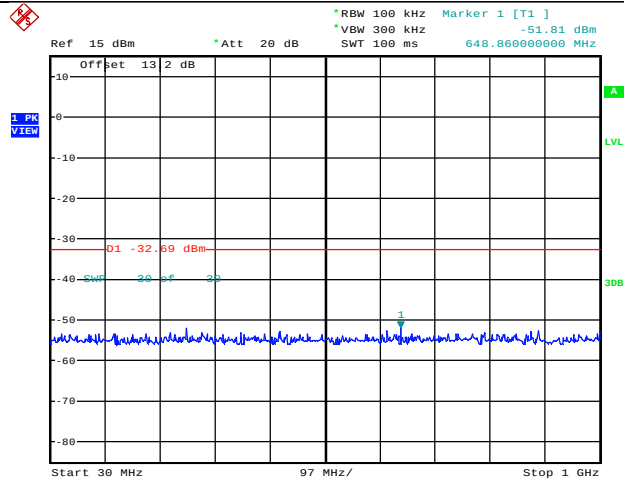
Date: 13.AUG.2023 14:22:03

11G_Ant1_2462_1000~26500



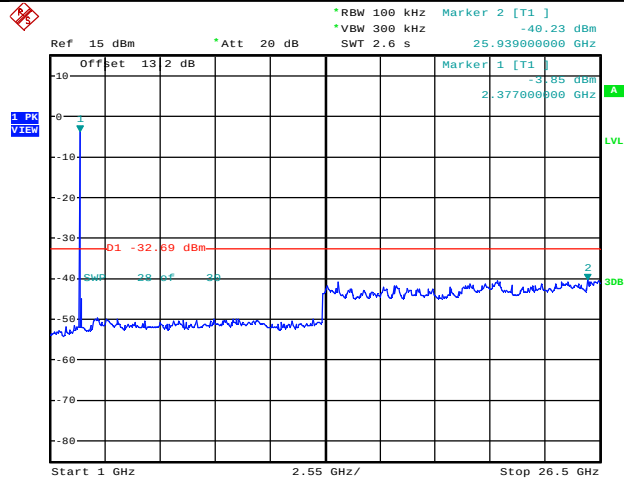
Date: 13.AUG.2023 14:23:49

11N20SISO_Ant1_2412_30~1000



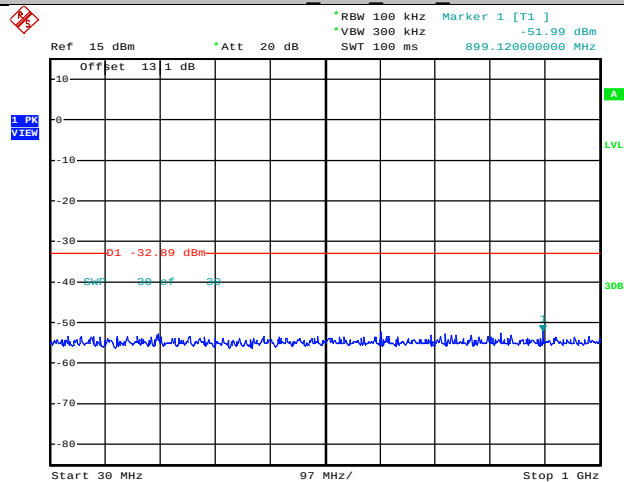
Date: 13.AUG.2023 16:32:06

11N20SISO_Ant1_2412_1000~26500



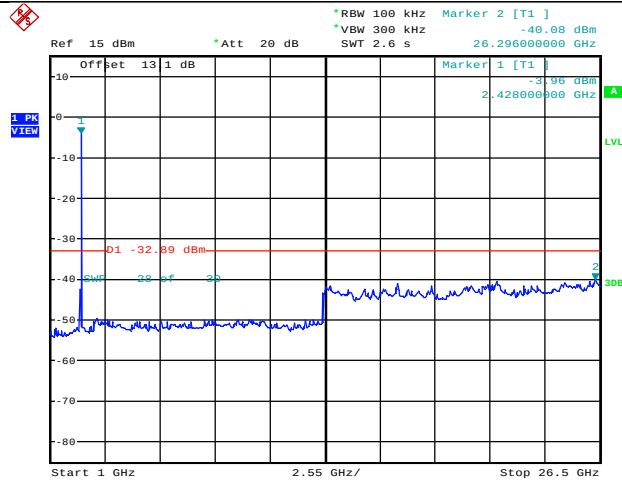
Date: 13.AUG.2023 16:33:51

11N20SISO_Ant1_2437_30~1000



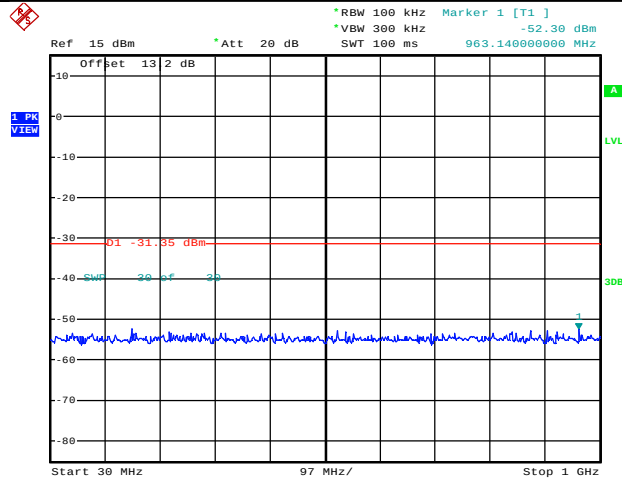
Date: 13.AUG.2023 16:38:35

11N20SISO_Ant1_2437_1000~26500



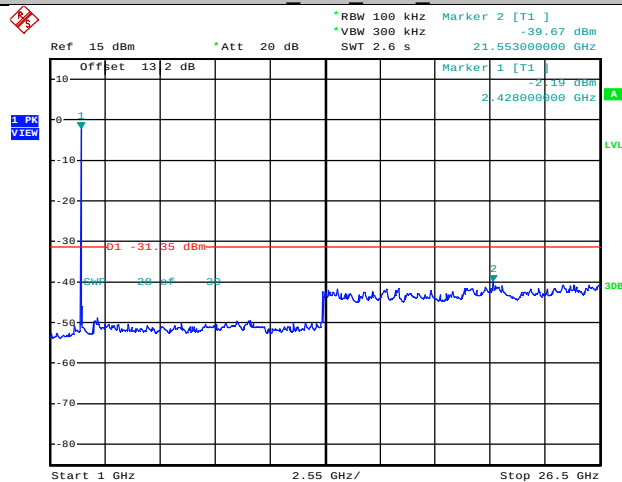
Date: 13.AUG.2023 16:40:21

11N20SISO Ant1 2462 30~1000



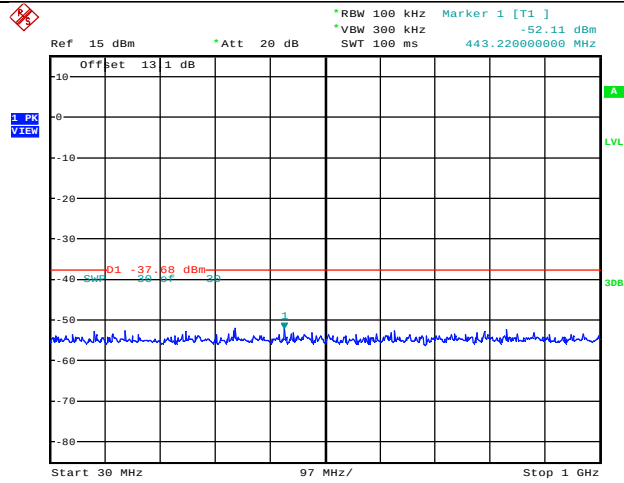
Date: 13.AUG.2023 16:47:44

11N20SISO Ant1 2462 1000~26500



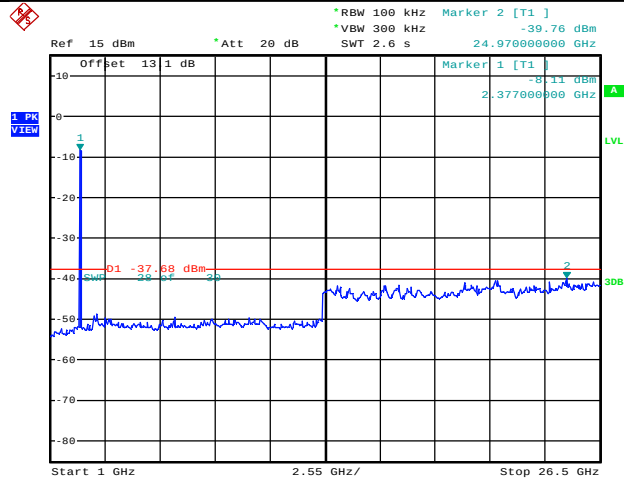
Date: 13.AUG.2023 16:49:30

11N40SISO Ant1 2422 30~1000



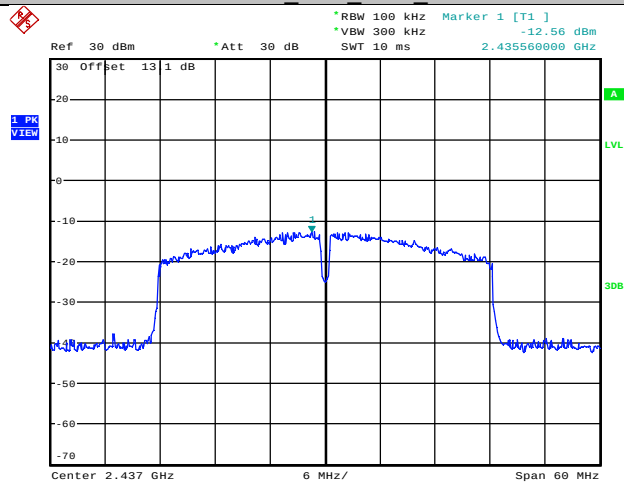
Date: 13.AUG.2023 16:59:31

11N40SISO_Ant1_2422_1000~26500



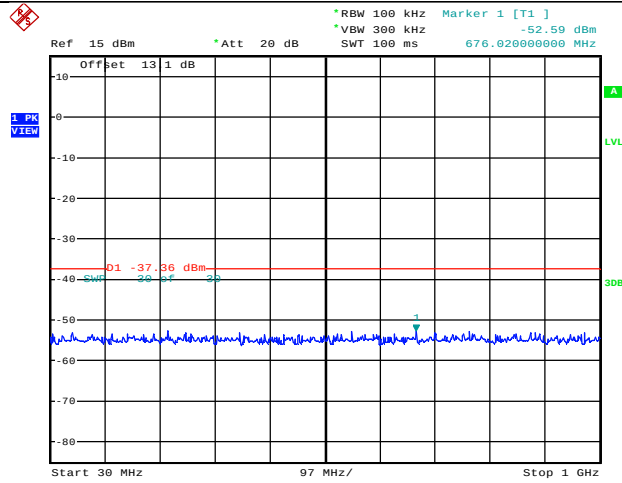
Date: 13.AUG.2023 17:01:16

11N40SISO_Ant1_2437_0~Reference



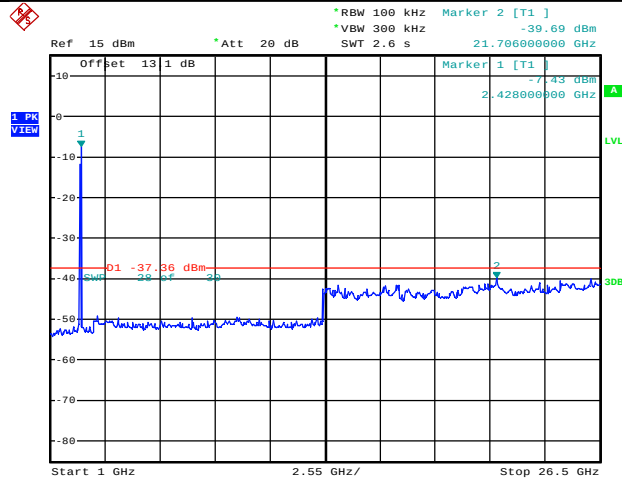
Date: 5.AUG.2023 16:57:40

11N40SISO_Ant1_2437_30~1000



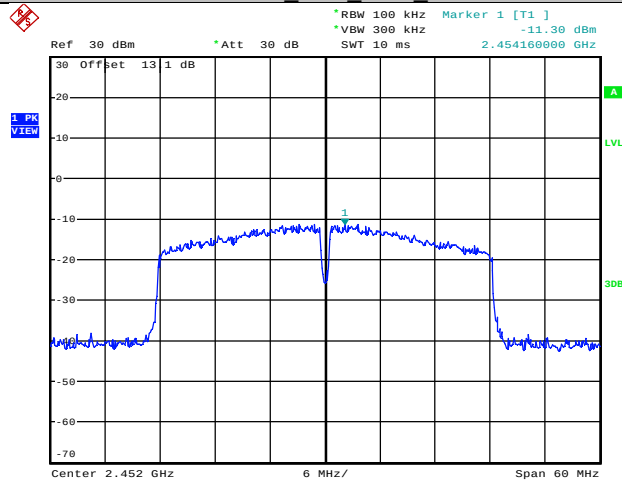
Date: 13.AUG.2023 17:05:11

11N40SISO_Ant1_2437_1000~26500



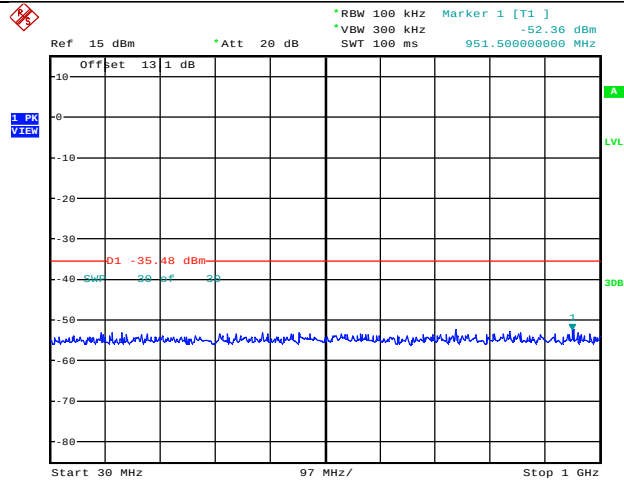
Date: 13.AUG.2023 17:06:56

11N40SISO_Ant1_2452_0~Reference



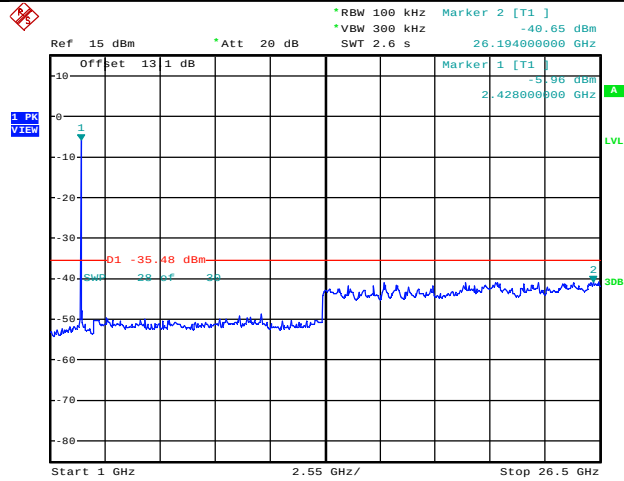
Date: 5.AUG.2023 17:05:15

11N40SISO_Ant1_2452_30~1000



Date: 13.AUG.2023 17:14:04

11N40SISO_Ant1_2452_1000~26500

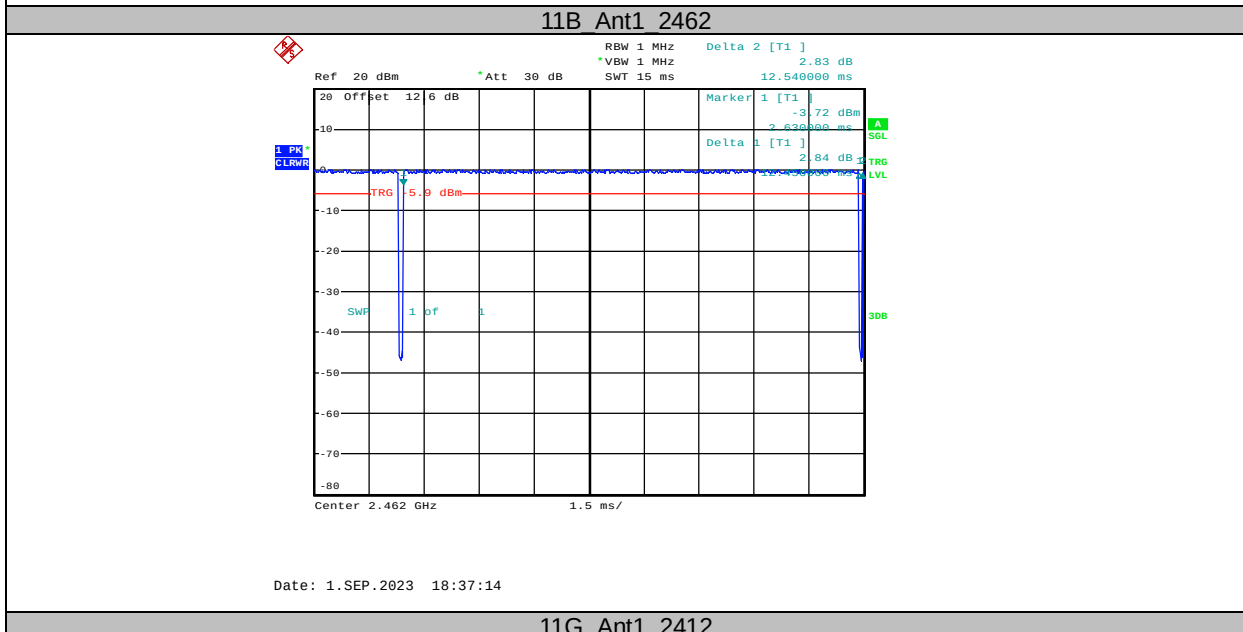
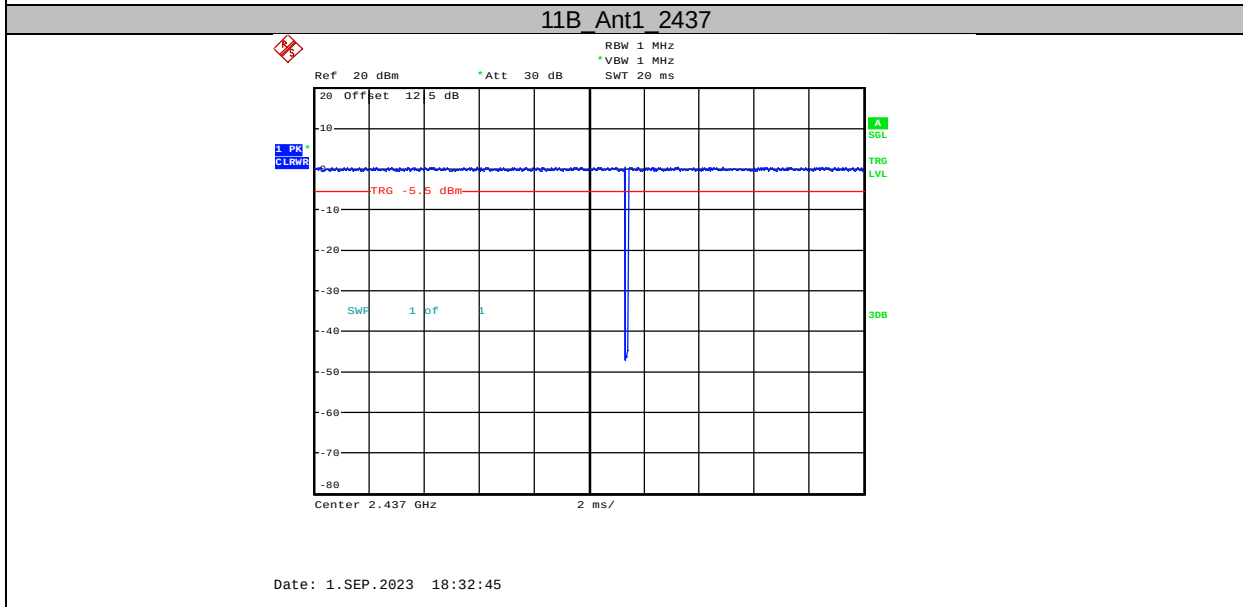
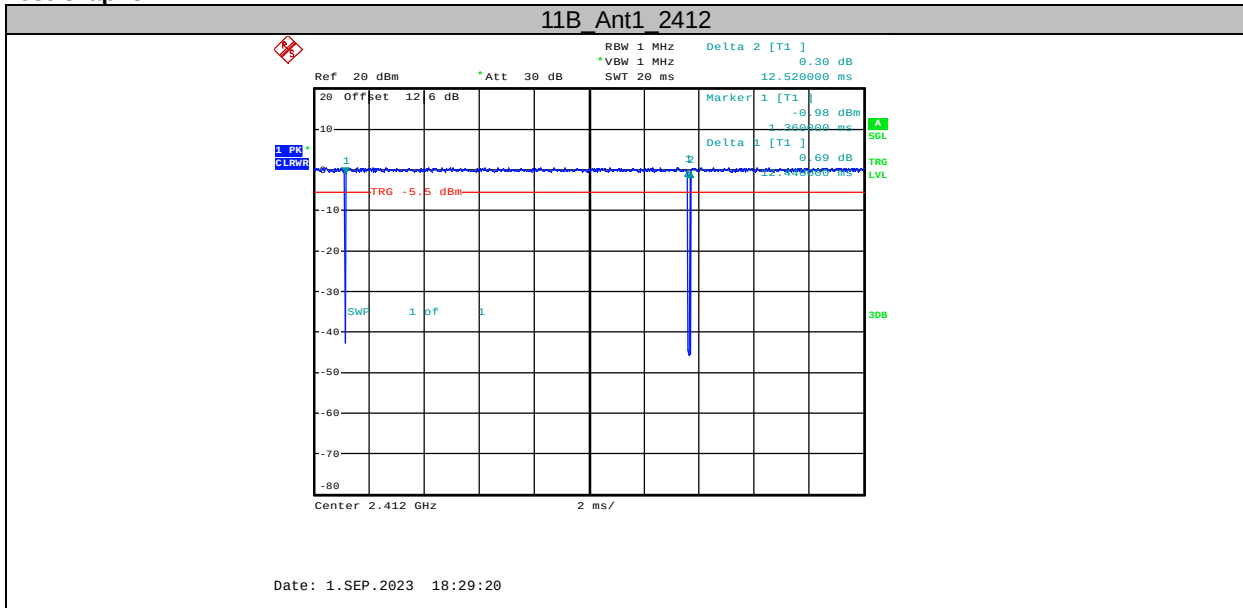


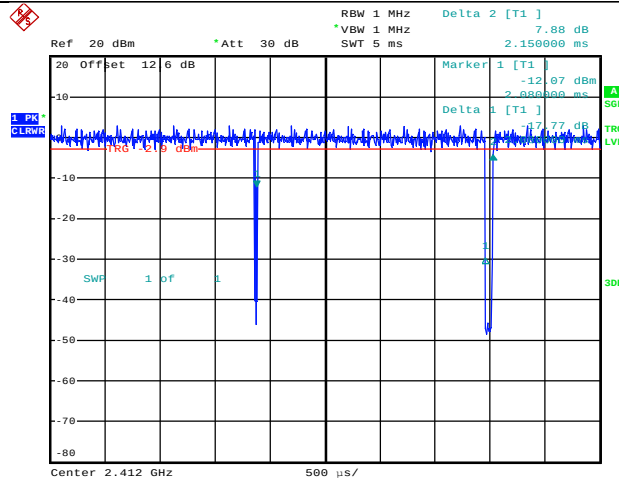
Date: 13.AUG.2023 17:15:50

**Appendix G: Duty Cycle
Test Result**

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	12.44	12.52	99.36
		2437	20.00	20.00	100.00
		2462	12.45	12.54	99.28
11G	Ant1	2412	2.08	2.15	96.74
		2437	2.07	2.16	95.83
		2462	2.08	2.13	97.65
11N20SISO	Ant1	2412	1.93	2.27	85.02
		2437	1.93	2.04	94.61
		2462	1.93	2.04	94.61
11N40SISO	Ant1	2422	3.84	5.39	71.24
		2437	0.94	0.97	96.91
		2452	0.94	0.97	96.91

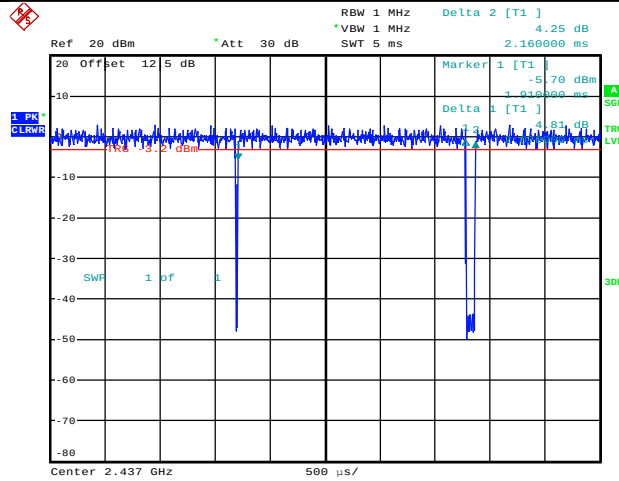
Test Graphs





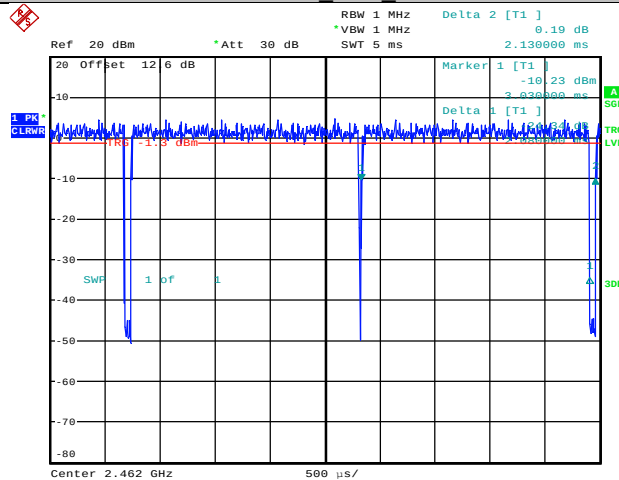
Date: 1.SEP.2023 18:49:27

11G Ant1_2437



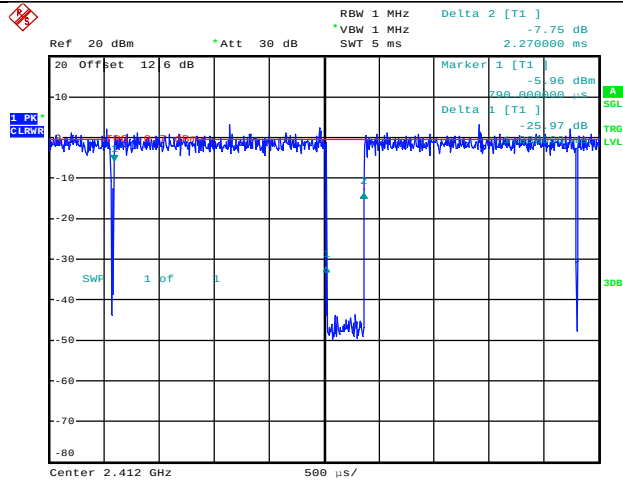
Date: 1.SEP.2023 18:55:03

11G Ant1_2462



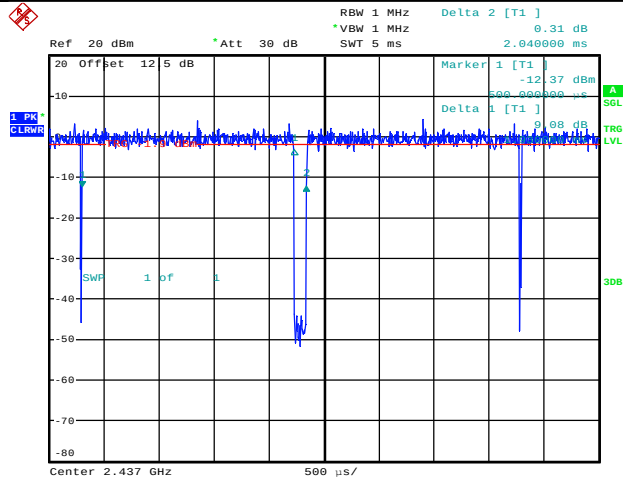
Date: 1.SEP.2023 18:57:57

11N20SISO_Ant1_2412



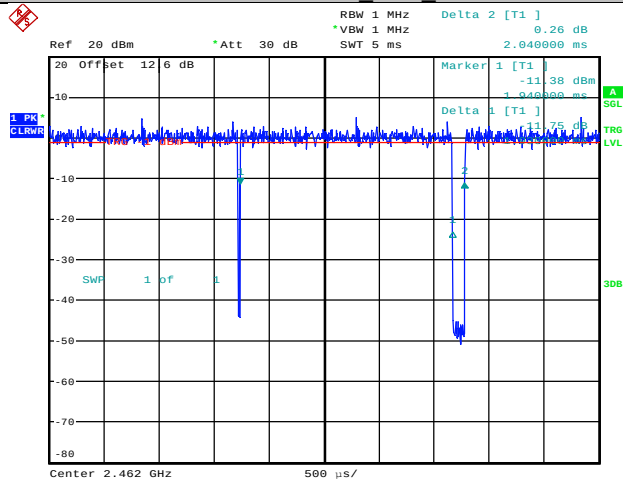
Date: 1.SEP.2023 19:12:56

11N20SISO_Ant1_2437



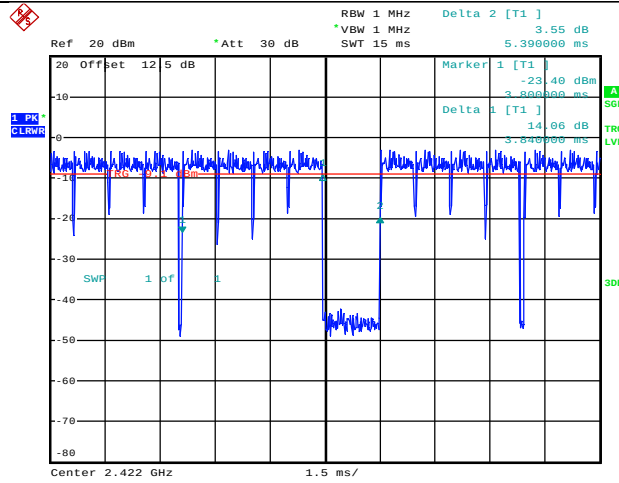
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11N20SISO_Ant1_2462



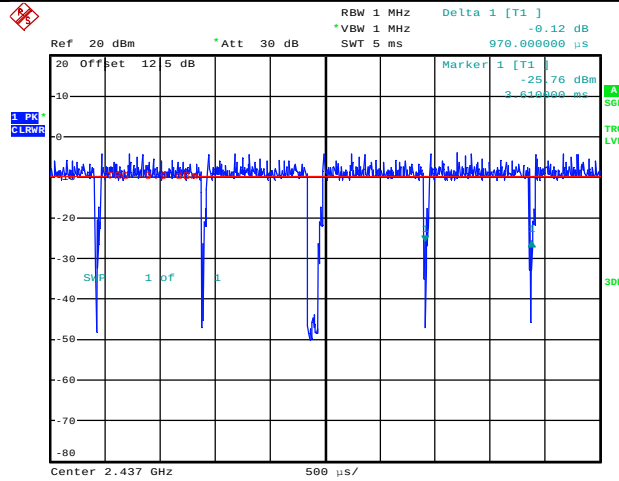
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11N40SISO_Ant1_2422



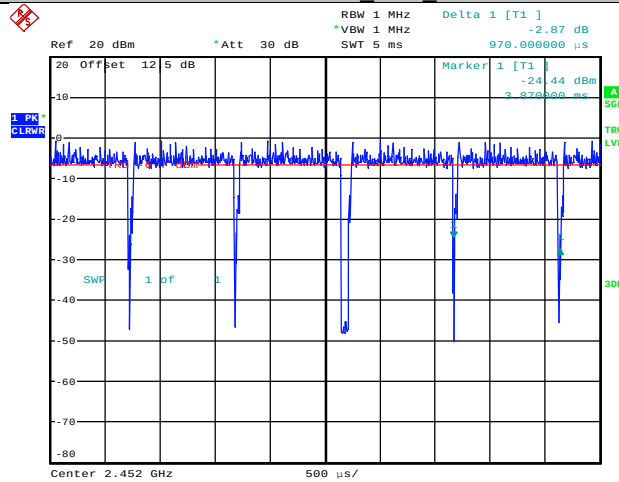
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11N40SISO_Ant1_2437



Date: 1.SEP.2023 19:53:38

11N40SISO_Ant1_2452



Date: 2.SEP.2023 17:18:43

6. Transmitter Spurious Radiated Emission
6. 7 Transmitter Spurious Radiated Emission Test Result

Restricted Frequency Bands Data_802.11b_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2390.000	56.75	44.56	0.90	57.65	45.46	Horiz./	74.0	54.0	-16.35	-8.54
2390.000	57.19	45.37	0.90	58.09	46.27	Vert.	74.0	54.0	-15.91	-7.73
Restricted Frequency Bands Data_802.11b_CH High										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2483.500	56.73	44.30	0.90	57.63	45.20	Horiz./	74.0	54.0	-16.37	-8.80
2483.500	57.77	45.93	0.90	58.67	46.83	Vert.	74.0	54.0	-15.33	-7.17

Restricted Frequency Bands Data_802.11g_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2390.000	55.64	48.12	0.90	56.54	49.02	Horiz./	74.0	54.0	-17.46	-4.98
2390.000	54.77	47.47	0.90	55.67	48.37	Vert.	74.0	54.0	-18.33	-5.63
Restricted Frequency Bands Data_802.11g_CH High										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2483.500	59.57	47.40	0.90	60.47	48.30	Horiz./	74.0	54.0	-13.53	-5.70
2483.500	57.77	45.93	0.90	58.67	46.83	Vert.	74.0	54.0	-15.33	-7.17

Restricted Frequency Bands Data_802.11n HT20_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2390.000	58.40	46.38	0.90	59.30	47.28	Horiz./	74.0	54.0	-14.70	-6.72
2390.000	58.50	46.92	0.90	59.40	47.82	Vert.	74.0	54.0	-14.60	-6.18
Restricted Frequency Bands Data_802.11n HT20_CH High										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2483.500	59.16	46.87	0.90	60.06	47.77	Horiz./	74.0	54.0	-13.94	-6.23
2483.500	58.68	46.08	0.90	59.58	46.98	Vert.	74.0	54.0	-14.42	-7.02

Restricted Frequency Bands Data_802.11n HT40_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2390.000	58.33	45.00	0.90	59.23	45.90	Horiz./	74.0	54.0	-14.77	-8.10
2390.000	57.45	43.86	0.90	58.35	44.76	Vert.	74.0	54.0	-15.65	-9.24
Restricted Frequency Bands Data_802.11n HT40_CH High										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
2483.500	58.38	45.97	0.90	59.28	46.87	Horiz./	74.0	54.0	-14.72	-7.13
2483.500	58.56	46.22	0.90	59.46	47.12	Vert.	74.0	54.0	-14.54	-6.88

Harmonics Radiated Emission Data_802.11b_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4830.000	48.34	37.31	0.90	49.24	38.21	Horiz./	74.0	54.0	-24.76	-15.79
4830.000	48.41	37.70	0.90	49.31	38.60	Vert.	74.0	54.0	-24.69	-15.40
7236.000	50.66	38.61	0.90	51.56	39.51	Horiz./	74.0	54.0	-22.44	-14.49
7236.000	49.89	38.59	0.90	50.79	39.49	Vert.	74.0	54.0	-23.21	-14.51
24120.00	-	-	-	-	-	-	-	-	-	-
24120.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11b_CH Mid										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4875.000	48.35	39.13	0.90	49.25	40.03	Horiz./	74.0	54.0	-24.75	-13.97
4875.000	49.79	38.38	0.90	50.69	39.28	Vert.	74.0	54.0	-23.31	-14.72
7305.000	50.26	39.27	0.90	51.16	40.17	Horiz./	74.0	54.0	-22.84	-13.83
7305.000	50.63	39.75	0.90	51.53	40.65	Vert.	74.0	54.0	-22.47	-13.35
24370.00	-	-	-	-	-	-	-	-	-	-
24370.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11b_CH Hgih										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4920.000	48.20	38.47	0.90	49.10	39.37	Horiz./	74.0	54.0	-24.90	-14.63
4920.000	50.66	38.20	0.90	51.56	39.10	Vert.	74.0	54.0	-22.44	-14.90
7380.000	51.46	39.76	0.90	52.36	40.66	Horiz./	74.0	54.0	-21.64	-13.34
7380.000	51.18	39.54	0.90	52.08	40.44	Vert.	74.0	54.0	-21.92	-13.56
24620.00	-	-	-	-	-	-	-	-	-	-
24620.00	-	-	-	-	-	-	-	-	-	-

Note:	(1) All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
	(2) Emission Level = Reading Level + Probe Factor + Cable Loss.
	(3) Span shall wide enough to fully capture the emission being measured; Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement.
	For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
	(4) The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
	(5) Where an emission level is indicated by a -, levels had a margin greater than 20 dB when compared to the limit.

Harmonics Radiated Emission Data_802.11g_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4834.000	48.97	36.79	0.90	49.87	37.69	Horiz./	74.0	54.0	-24.13	-16.31
4834.000	50.45	40.34	0.90	51.35	41.24	Vert.	74.0	54.0	-22.65	-12.76
7237.000	48.97	38.47	0.90	49.87	39.37	Horiz./	74.0	54.0	-24.13	-14.63
7237.000	50.64	40.49	0.90	51.54	41.39	Vert.	74.0	54.0	-22.46	-12.61
24120.00	-	-	-	-	-	-	-	-	-	-
24120.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11g_CH Mid										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4875.000	48.92	38.38	0.90	49.82	39.28	Horiz./	74.0	54.0	-24.13	-14.72
4875.000	49.41	39.36	0.90	50.31	40.26	Vert.	74.0	54.0	-23.69	-13.74
7305.000	51.66	40.13	0.90	52.56	41.03	Horiz./	74.0	54.0	-21.44	-12.97
7305.000	51.29	40.22	0.90	52.19	41.12	Vert.	74.0	54.0	-21.81	-12.88
24370.00	-	-	-	-	-	-	-	-	-	-
24370.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11g_CH Hgih										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./ Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4920.000	48.69	37.93	0.90	49.59	38.83	Horiz./	74.0	54.0	-24.41	-15.17
4920.000	48.31	38.07	0.90	49.21	38.97	Vert.	74.0	54.0	-24.79	-15.03
7380.000	51.56	40.42	0.90	52.46	41.32	Horiz./	74.0	54.0	-21.54	-12.68
7380.000	50.88	40.44	0.90	51.78	41.34	Vert.	74.0	54.0	-22.22	-12.66
24620.00	-	-	-	-	-	-	-	-	-	-
24620.00	-	-	-	-	-	-	-	-	-	-

Note:	(1) All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
	(2) Emission Level = Reading Level + Probe Factor + Cable Loss.
	(3) Span shall wide enough to fully capture the emission being measured; Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement.
	For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
	(4) The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
	(5) Where an emission level is indicated by a -, levels had a margin greater than 20 dB when compared to the limit.

Harmonics Radiated Emission Data_802.11n HT20_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4830.000	46.60	36.02	0.90	47.50	36.92	Horiz./	74.0	54.0	-26.50	-17.08
4830.000	46.27	34.45	0.90	47.17	35.35	Vert.	74.0	54.0	-26.83	-18.65
7236.000	50.56	39.67	0.90	51.46	40.57	Horiz./	74.0	54.0	-22.54	-13.43
7236.000	50.35	39.66	0.90	51.25	40.56	Vert.	74.0	54.0	-22.75	-13.44
24120.00	-	-	-	-	-	-	-	-	-	-
24120.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11n HT20_CH Mid										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4875.000	46.20	33.55	0.90	47.10	34.45	Horiz./	74.0	54.0	-26.90	-19.55
4875.000	45.55	34.62	0.90	46.45	35.52	Vert.	74.0	54.0	-27.55	-18.48
7305.000	48.69	38.20	0.90	49.59	39.10	Horiz./	74.0	54.0	-24.41	-14.90
7305.000	48.82	38.45	0.90	49.72	39.35	Vert.	74.0	54.0	-24.28	-14.65
24370.00	-	-	-	-	-	-	-	-	-	-
24370.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11n HT20_CH Hgih										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4920.000	49.15	37.29	0.90	50.05	38.19	Horiz./	74.0	54.0	-23.95	-15.81
4920.000	49.54	37.28	0.90	50.44	38.18	Vert.	74.0	54.0	-23.56	-15.82
7380.000	52.69	41.04	0.90	53.59	41.94	Horiz./	74.0	54.0	-20.41	-12.06
7380.000	52.12	40.58	0.90	53.02	41.48	Vert.	74.0	54.0	-20.98	-12.52
24620.00	-	-	-	-	-	-	-	-	-	-
24620.00	-	-	-	-	-	-	-	-	-	-

Note:	(1) All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value. (2) Emission Level = Reading Level + Probe Factor + Cable Loss. (3) Span shall wide enough to fully capture the emission being measured; Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. (4) The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied. (5) Where an emission level is indicated by a -, levels had a margin greater than 20 dB when compared to the limit.
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Harmonics Radiated Emission Data_802.11n HT40_CH Low										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4844.000	45.67	35.18	0.90	46.57	36.08	Horiz./	74.0	54.0	-27.43	-17.92
4844.000	45.33	34.20	0.90	46.23	35.10	Vert.	74.0	54.0	-27.77	-18.90
7266.000	50.14	38.02	0.90	51.04	38.92	Horiz./	74.0	54.0	-22.96	-15.08
7266.000	50.09	38.14	0.90	50.99	39.04	Vert.	74.0	54.0	-23.01	-14.96
24220.04	-	-	-	-	-	-	-	-	-	-
24220.20	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11n HT40_CH Mid										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4874.000	46.77	34.01	0.90	47.67	34.91	Horiz./	74.0	54.0	-26.33	-19.09
4874.000	46.27	34.65	0.90	47.17	35.55	Vert.	74.0	54.0	-26.83	-18.45
7311.000	49.12	38.59	0.90	50.02	39.49	Horiz./	74.0	54.0	-23.98	-14.51
7311.000	48.20	38.25	0.90	49.10	39.15	Vert.	74.0	54.0	-24.90	-14.85
24370.00	-	-	-	-	-	-	-	-	-	-
24370.00	-	-	-	-	-	-	-	-	-	-
Harmonics Radiated Emission Data_802.11n HT40_CH Hgih										
Frequency (MHz)	Read Level (dBuV)		Factor (dB)	Emission (dBuV/m)		Horiz./Vert.	Limit (dBuV/m)		Margin(dB)	
	PK	AV		PK	AV		PK	AV	PK	AV
4904.000	48.67	36.59	0.90	49.57	37.49	Horiz./	74.0	54.0	-24.43	-16.51
4904.000	48.85	37.08	0.90	49.75	37.98	Vert.	74.0	54.0	-24.25	-16.02
7356.000	50.62	38.85	0.90	51.52	39.75	Horiz./	74.0	54.0	-22.48	-14.25
7356.000	48.91	38.61	0.90	49.81	39.51	Vert.	74.0	54.0	-24.19	-14.49
24520.11	-	-	-	-	-	-	-	-	-	-
24520.00	-	-	-	-	-	-	-	-	-	-

Note:	(1) All Reading Levels below 1GHz are Quasi-Peak, above are peak and average value.
	(2) Emission Level = Reading Level + Probe Factor + Cable Loss.
	(3) Span shall wide enough to fully capture the emission being measured; Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement.
	For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
	(4) The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.
	(5) Where an emission level is indicated by a -, levels had a margin greater than 20 dB when compared to the limit.

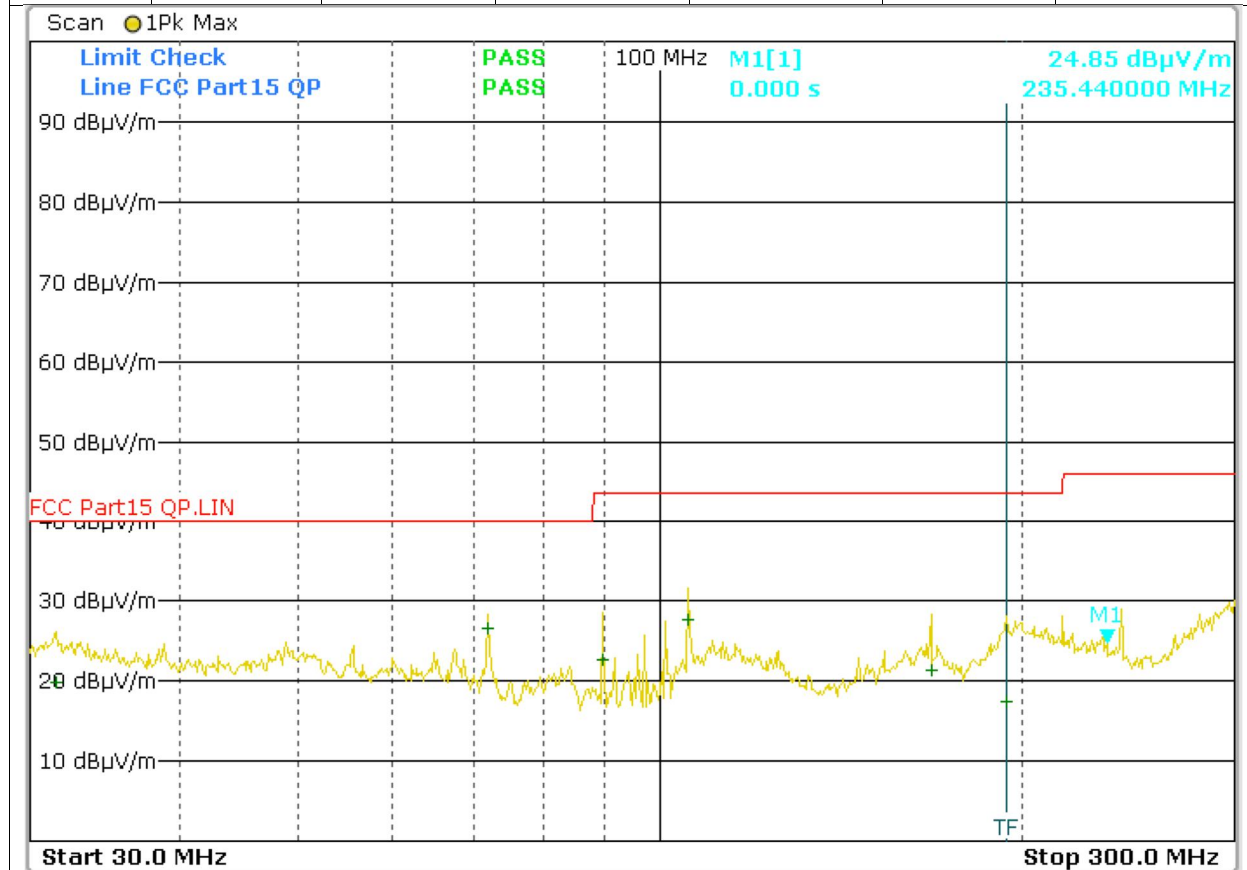
**General Radiated Emission Data
For Frequency below 30MHz**

Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission (dBuV/m)	Horiz./ Vert.	Limit (dBuV/m)	Margin (dB)
N/A						
N/A						
N/A						
N/A						
N/A						
N/A						

Note:	(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary. (2) “N/A” remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that’s already beyond the background noise floor. (3) Emission Level = Reading Level + Probe Factor + Cable Loss.
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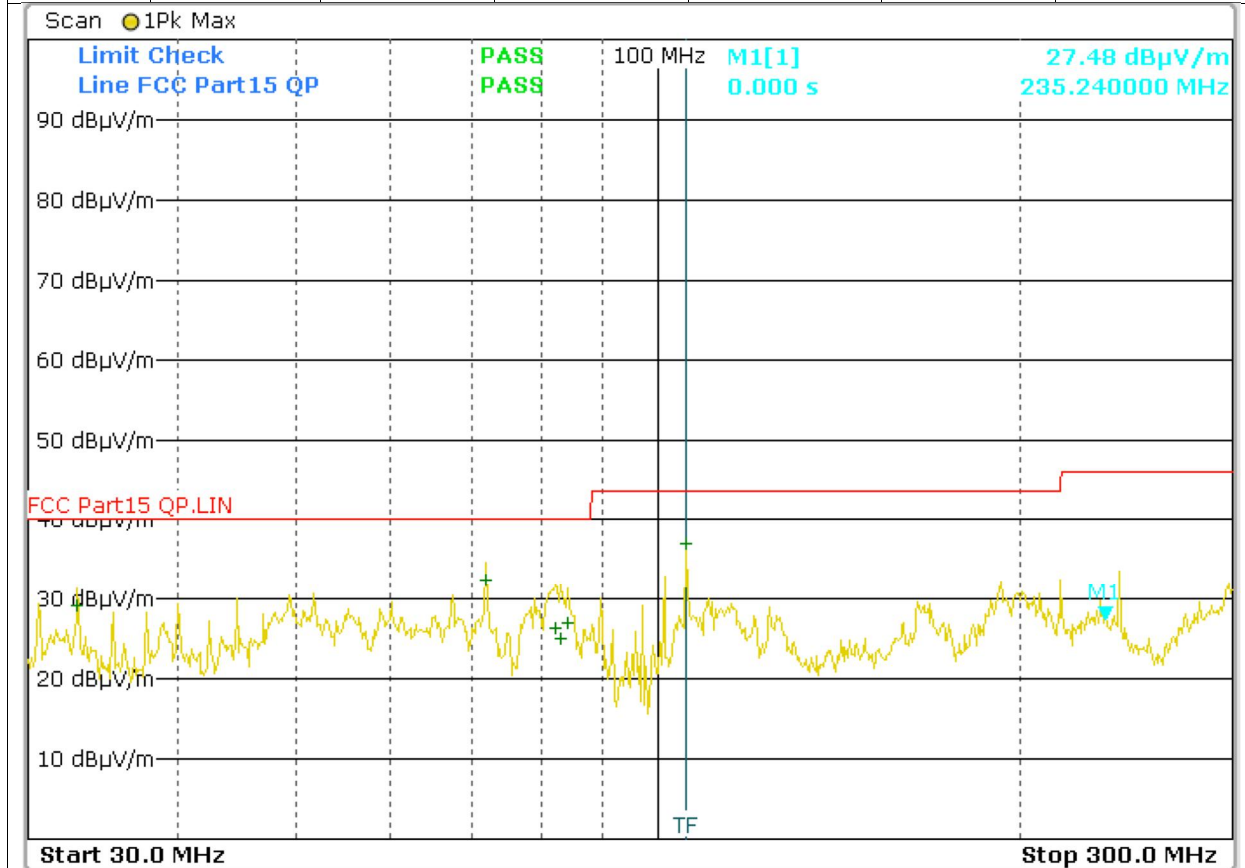
For Frequency from 30MHz to 1GHz

☑ Test Mode_01		FCC Radiated Emission for Frequency from 30MHz to 300MHz				
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission (dBuV/m)	H/V	Limit (dBuV/m)	Margin (dB)
31.520	7.68	12.06	19.74	H	40.0	-20.26
72.000	19.27	7.24	26.51	H	40.0	-13.49
89.720	15.12	7.43	22.55	H	43.5	-20.95
105.680	18.96	8.67	27.63	H	43.5	-15.87
168.000	6.25	15.18	21.43	H	43.5	-22.07
194.000	3.54	13.87	17.41	H	43.5	-26.09



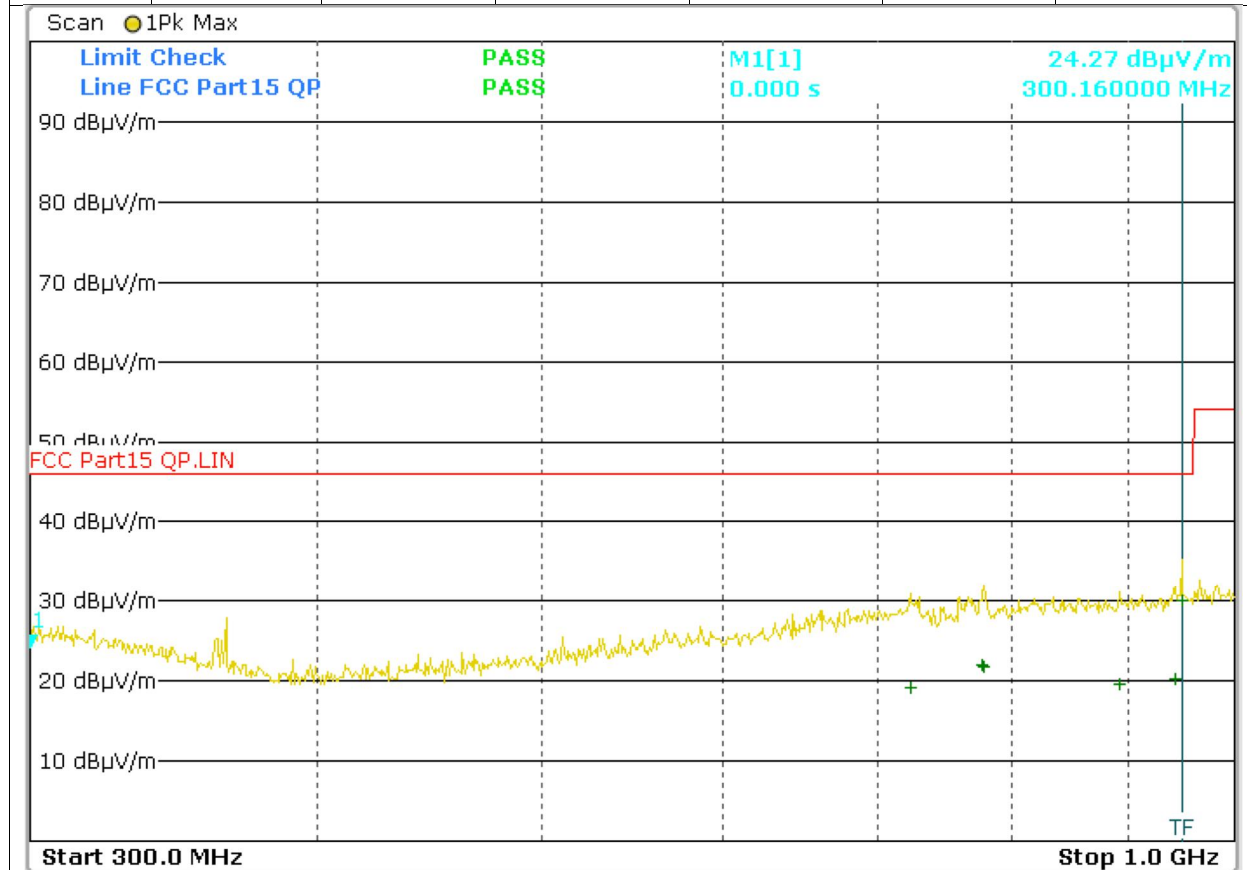
For Frequency from 30MHz to 1GHz

☑ Test Mode_01		FCC Radiated Emission for Frequency from 30MHz to 300MHz				
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission (dBuV/m)	H/V	Limit (dBuV/m)	Margin (dB)
32.960	14.17	12.06	26.23	V	40.0	-13.77
72.000	22.31	7.24	29.55	V	40.0	-10.45
82.320	19.04	7.43	26.47	V	40.0	-13.53
83.040	17.71	7.43	25.14	V	40.0	-14.86
84.200	19.53	7.43	26.96	V	40.0	-13.04
105.680	25.45	8.67	34.12	V	43.5	-9.38



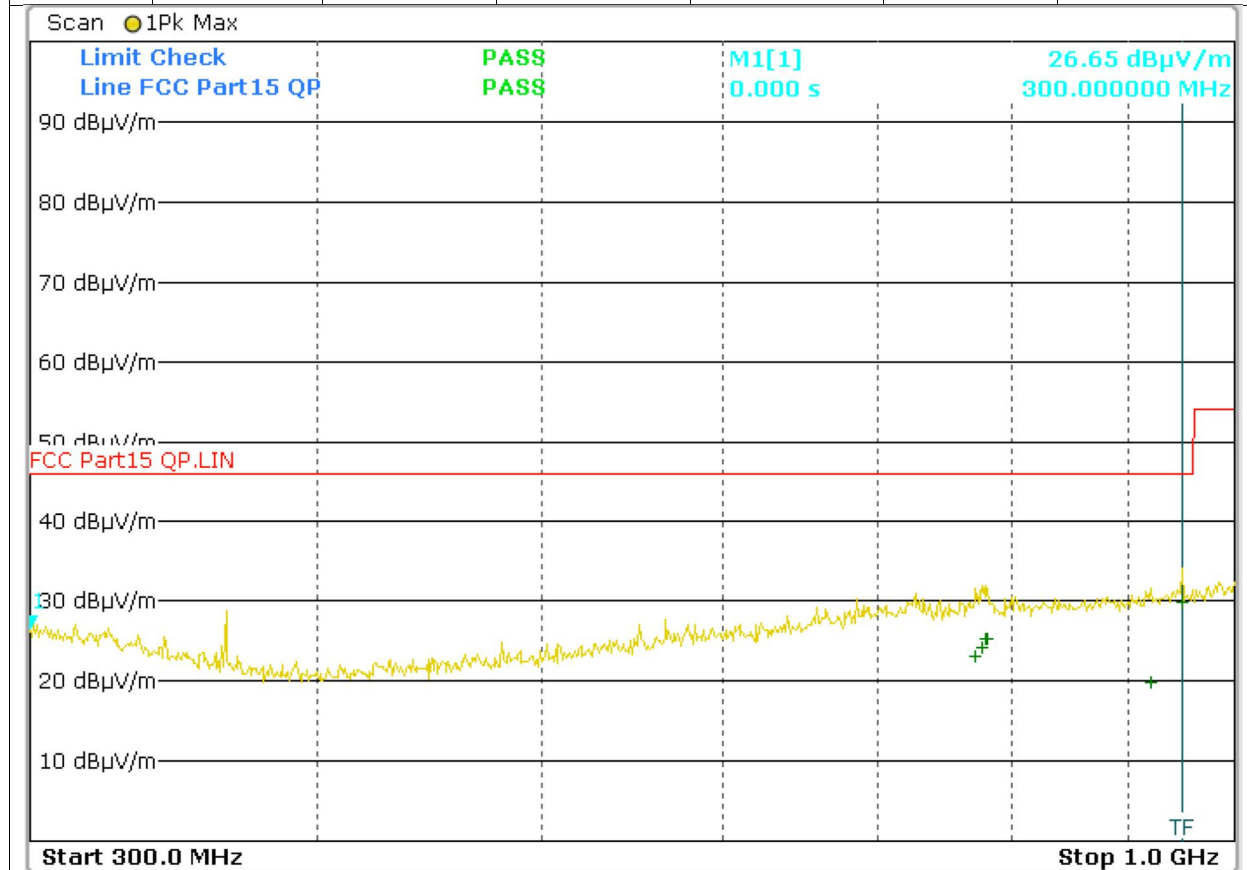
For Frequency from 30MHz to 1GHz

☑ Test Mode_01		FCC Radiated Emission for Frequency from 300MHz to 1GHz				
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission (dBuV/m)	H/V	Limit (dBuV/m)	Margin (dB)
723.080	-1.68	20.89	19.21	H	46.0	-26.79
777.160	1.10	20.89	21.99	H	46.0	-24.01
778.720	0.80	20.89	21.69	H	46.0	-24.31
891.160	-3.12	22.68	19.56	H	46.0	-26.44
943.080	-2.64	22.99	20.35	H	46.0	-25.65
948.400	6.99	22.99	29.98	H	46.0	-16.02



For Frequency from 30MHz to 1GHz

☒ Test Mode_01		FCC Radiated Emission for Frequency from 300MHz to 1GHz				
Frequency (MHz)	Read Level (dBuV)	Factor (dB)	Emission (dBuV/m)	H/V	Limit (dBuV/m)	Margin (dB)
772.280	2.18	20.89	23.07	V	46.0	-22.93
777.640	3.33	20.89	24.22	V	46.0	-21.78
780.240	4.29	20.89	25.18	V	46.0	-20.82
781.240	4.36	20.89	25.25	V	46.0	-20.75
919.560	-3.12	22.99	19.87	V	46.0	-26.13
948.400	6.76	22.99	29.75	V	46.0	-16.25



Note:	(1) All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
	(2) "N/A" remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
	(3) Emission Level = Reading Level + Probe Factor + Cable Loss.

-----End of Report-----