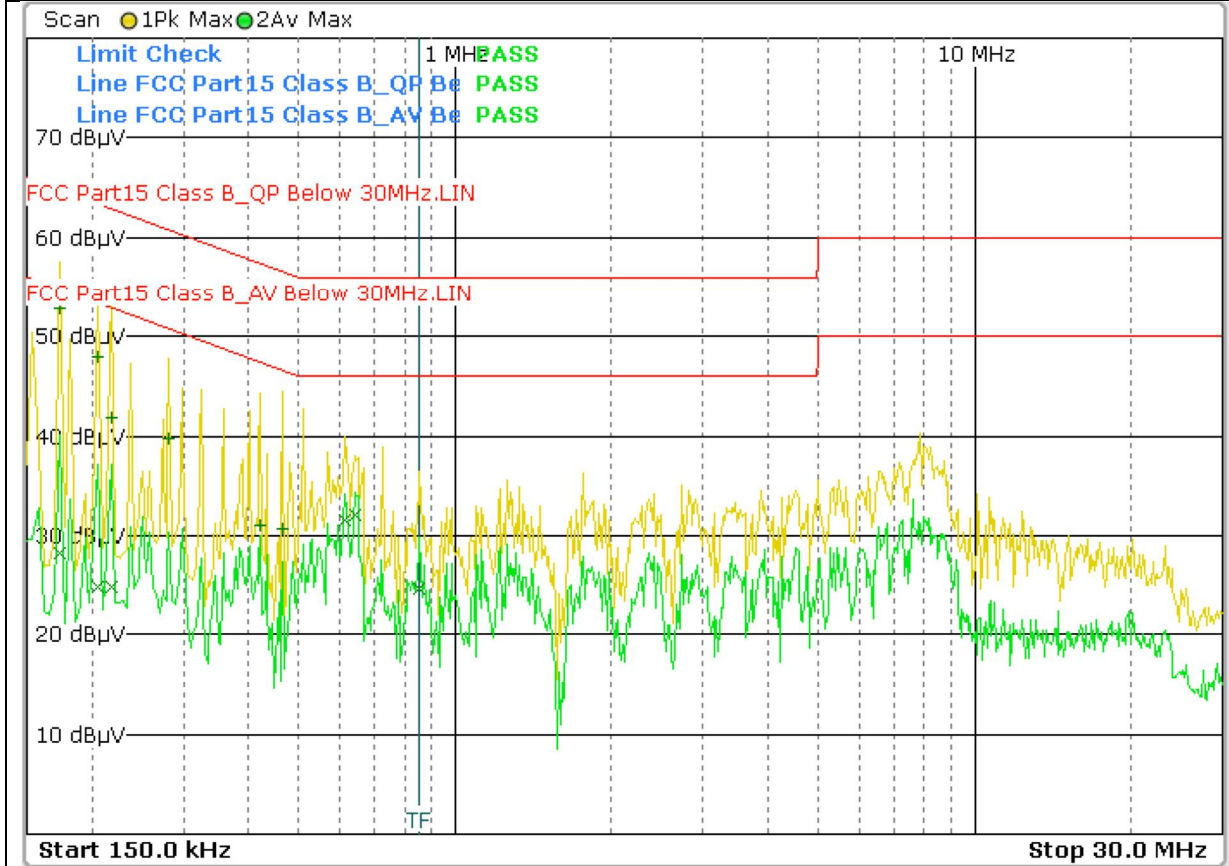
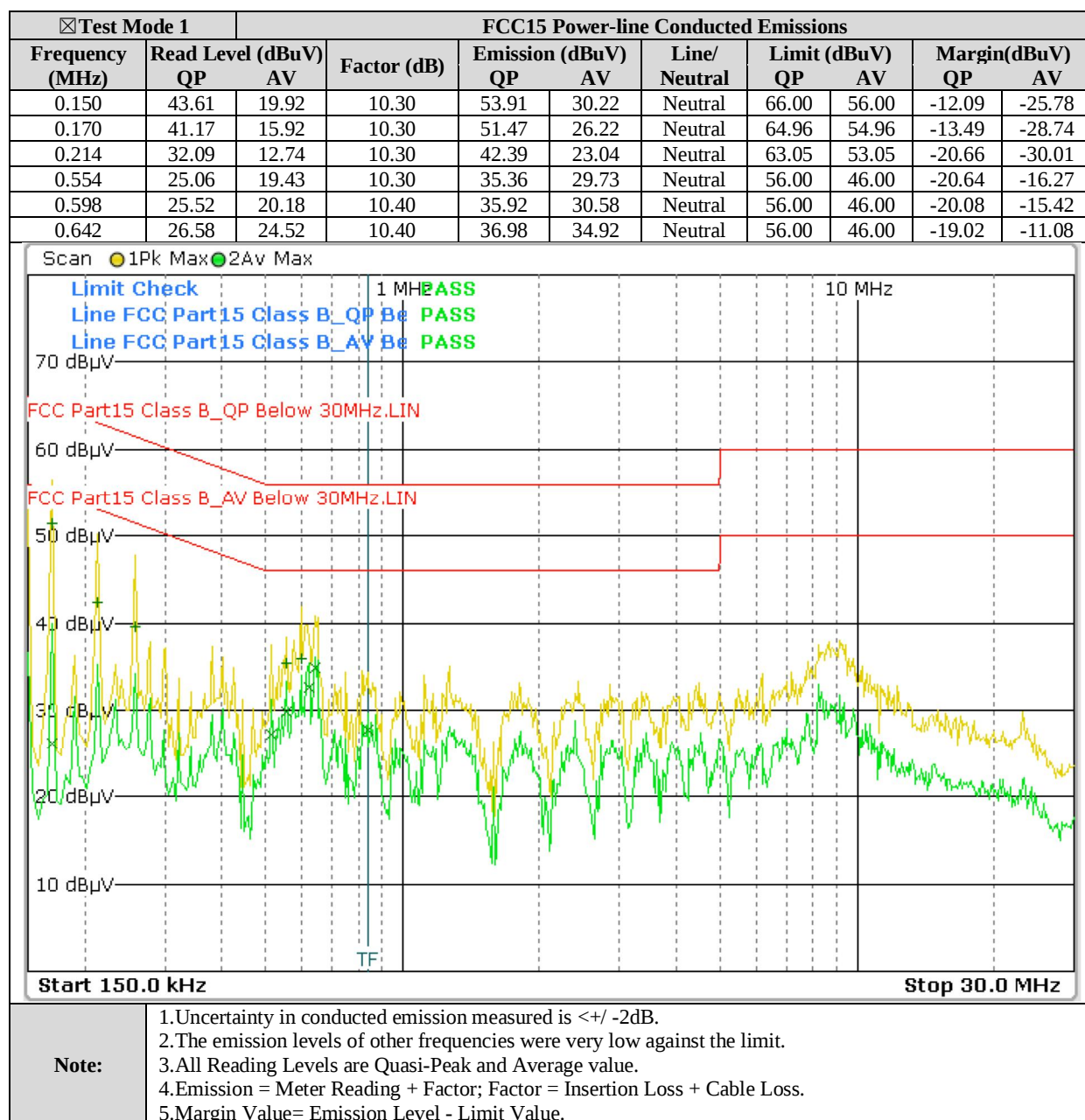


4. Conducted Power Line Test
4. 7 Conducted Power Line Test Result

☑ 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
0.174	42.47	17.88	10.30	52.77	28.18	Line	64.77	54.77	-12.00	-26.59
0.206	37.67	14.39	10.30	47.97	24.69	Line	63.37	53.37	-15.40	-28.68
0.218	31.50	14.48	10.30	41.8	24.78	Line	62.89	52.89	-21.09	-28.11
0.282	29.47	9.87	10.30	39.77	20.17	Line	60.76	50.76	-20.99	-30.59
0.614	23.99	21.21	10.40	34.39	31.61	Line	56.00	46.00	-21.61	-14.39
0.642	23.85	21.61	10.40	34.25	32.01	Line	56.00	46.00	-21.75	-13.99



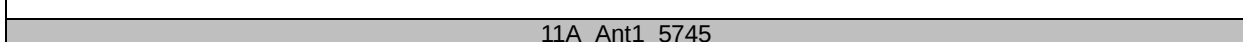
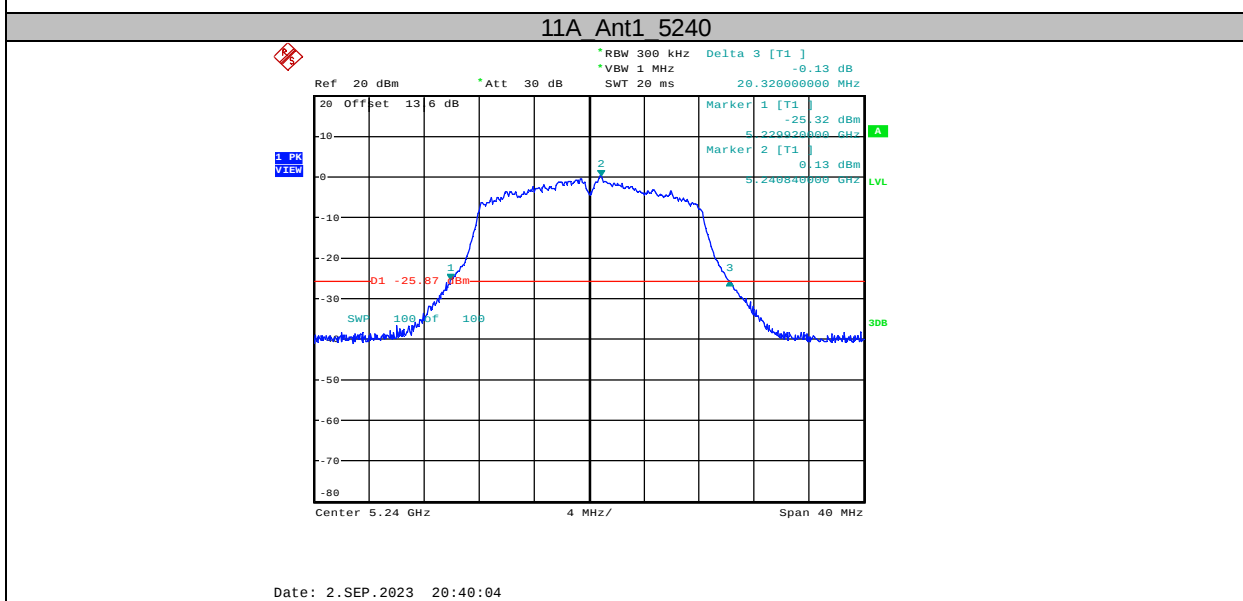
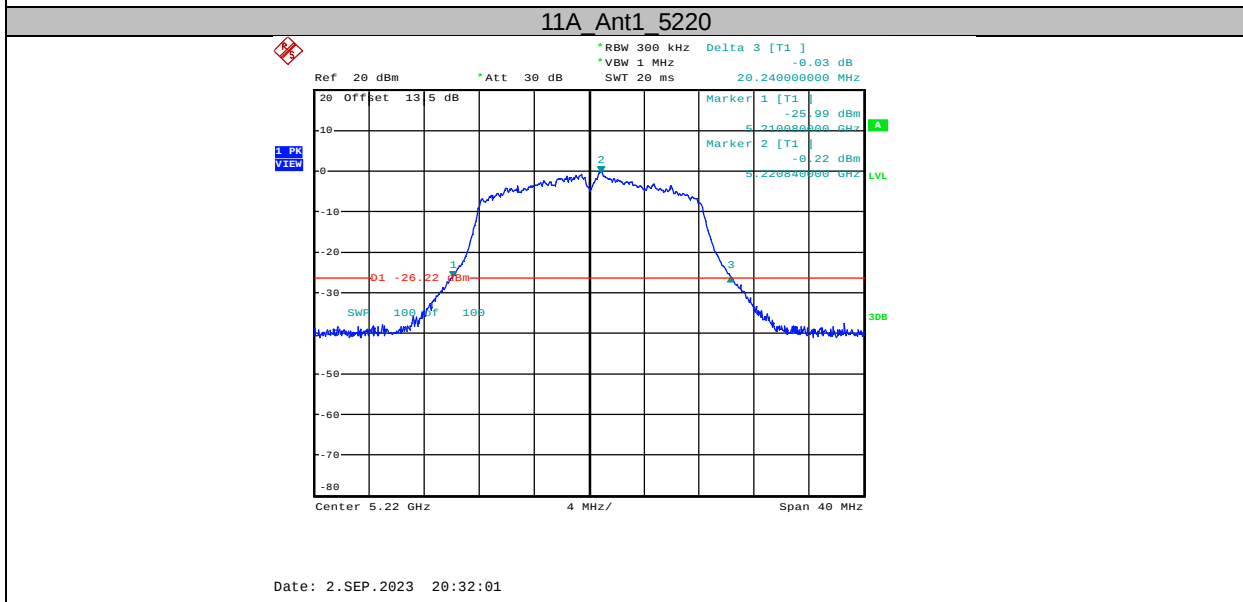
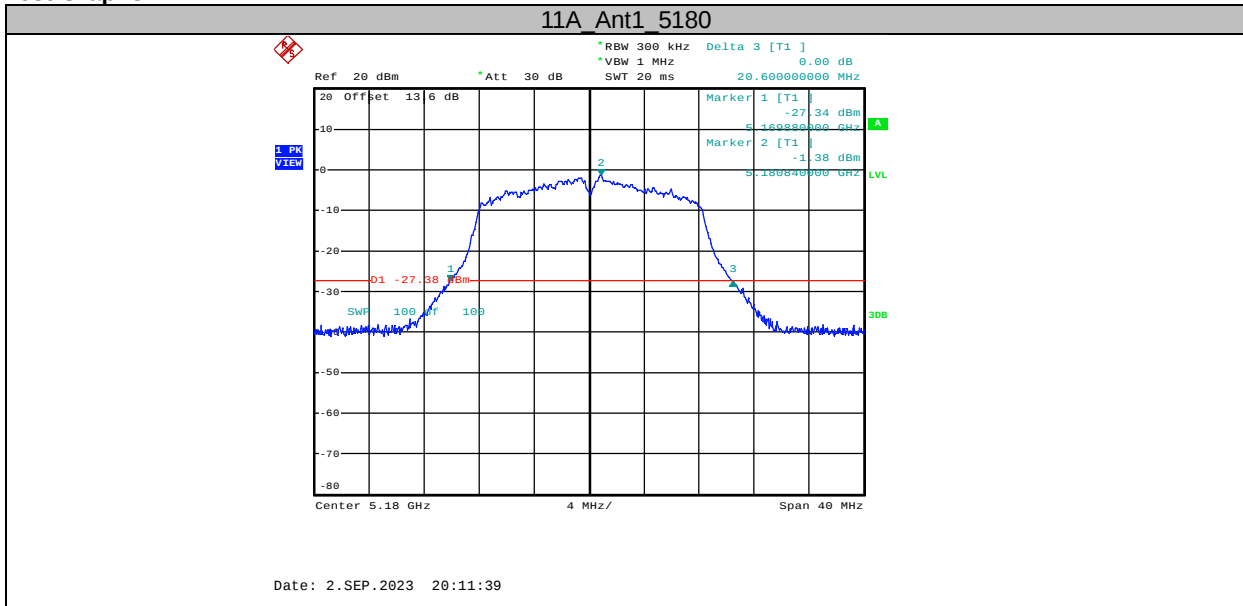
Note:	1.Uncertainty in conducted emission measured is <+/-2dB.
	2.The emission levels of other frequencies were very low against the limit.
	3.All Reading Levels are Quasi-Peak and Average value.
	4.Emission = Meter Reading + Factor; Factor = Insertion Loss + Cable Loss.
	5.Margin Value= Emission Level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

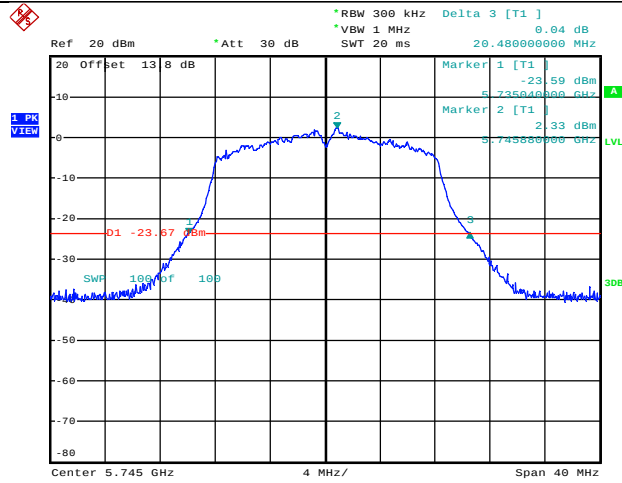


**Appendix A1: Emission Bandwidth
Test Result**

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.60	5169.88	5190.48	---	---
		5220	20.24	5210.08	5230.32	---	---
		5240	20.32	5229.92	5250.24	---	---
		5745	20.48	5735.04	5755.52	---	---
		5785	20.28	5775.00	5795.28	---	---
		5825	20.32	5815.00	5835.32	---	---
11N20SISO	Ant1	5180	21.36	5169.36	5190.72	---	---
		5220	21.32	5209.40	5230.72	---	---
		5240	21.40	5229.32	5250.72	---	---
		5745	21.40	5734.48	5755.88	---	---
		5785	21.28	5774.52	5795.80	---	---
		5825	21.36	5814.44	5835.80	---	---
11N40SISO	Ant1	5190	38.24	5170.96	5209.20	---	---
		5230	38.24	5210.96	5249.20	---	---
		5755	38.24	5735.96	5774.20	---	---
		5795	38.08	5776.12	5814.20	---	---

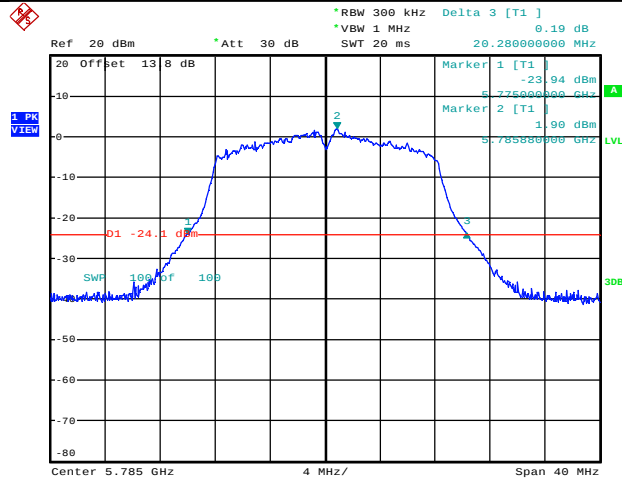
Test Graphs





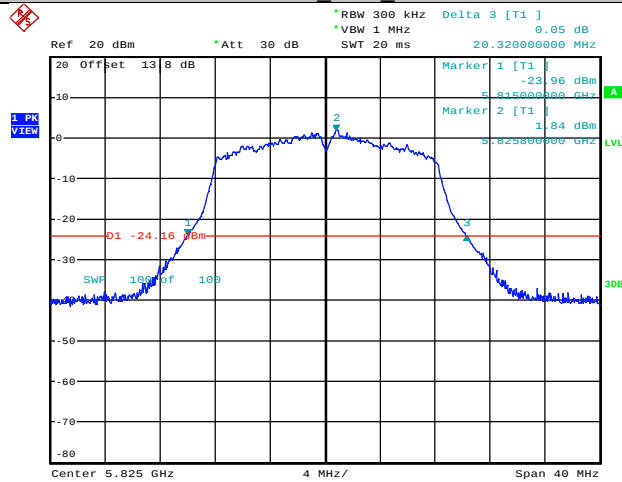
Date: 2.SEP.2023 20:46:29

11A_Ant1_5785



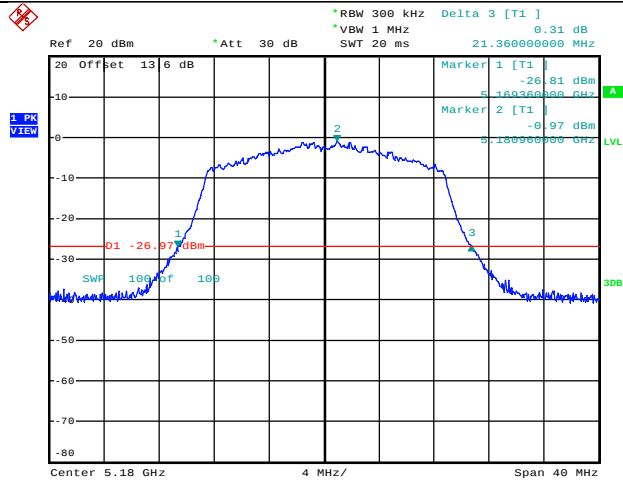
Date: 2.SEP.2023 20:53:34

11A_Ant1_5825



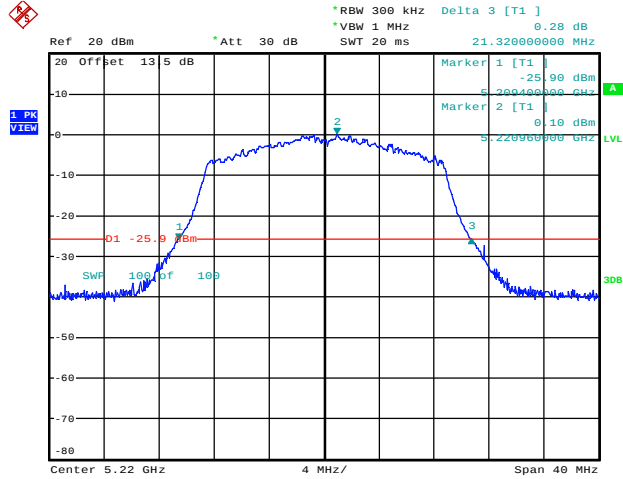
Date: 2.SEP.2023 20:56:26

11N20SISO_Ant1_5180



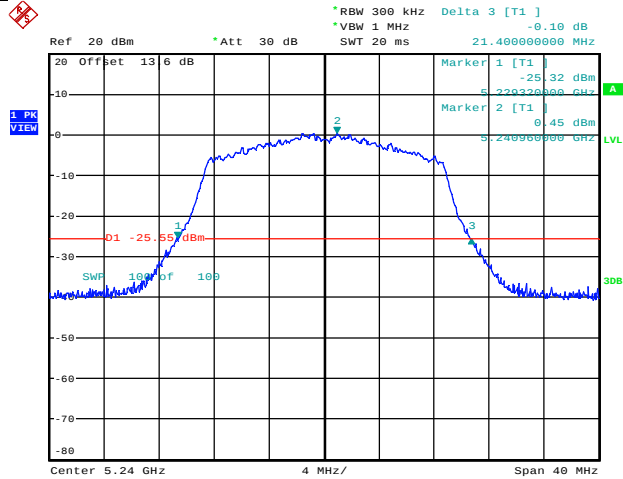
Date: 3.SEP.2023 11:32:29

11N20SISO_Ant1_5220



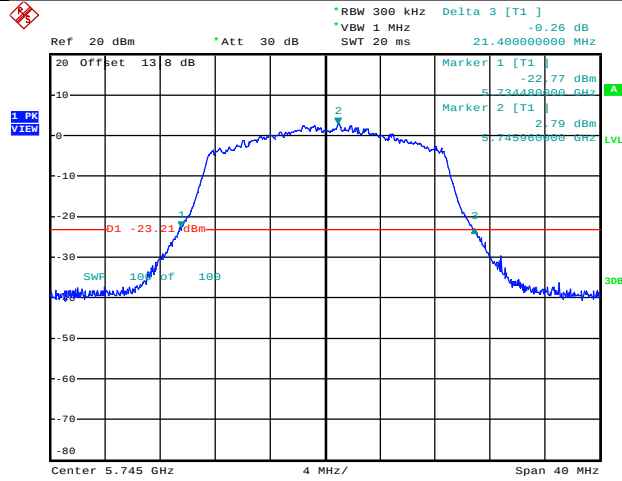
Date: 3.SEP.2023 11:39:56

11N20SISO_Ant1_5240



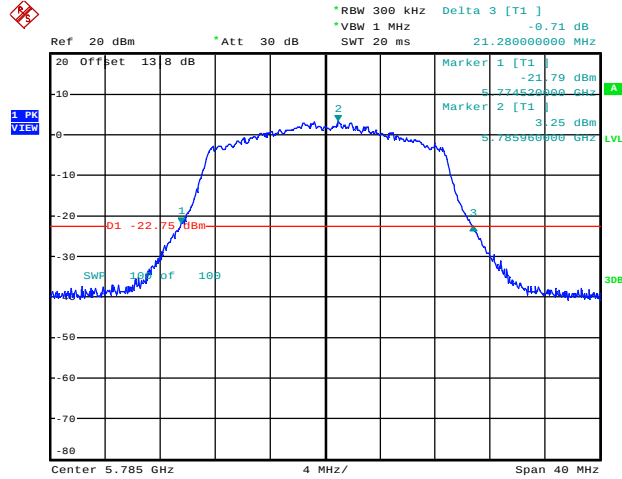
Date: 3.SEP.2023 11:43:47

11N20SISO_Ant1_5745



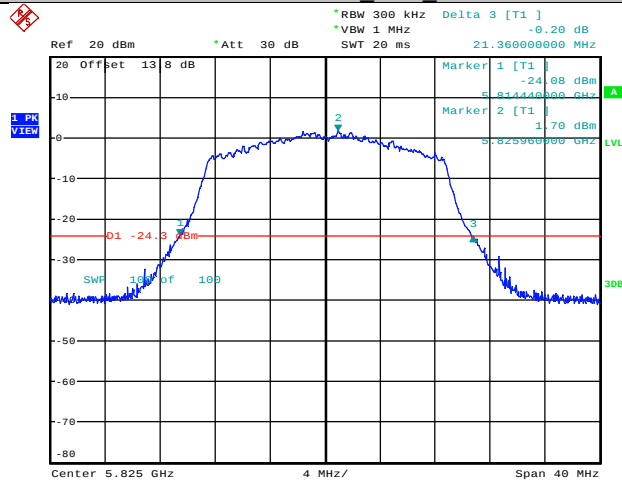
Date: 3.SEP.2023 11:47:40

11N20SISO_Ant1_5785



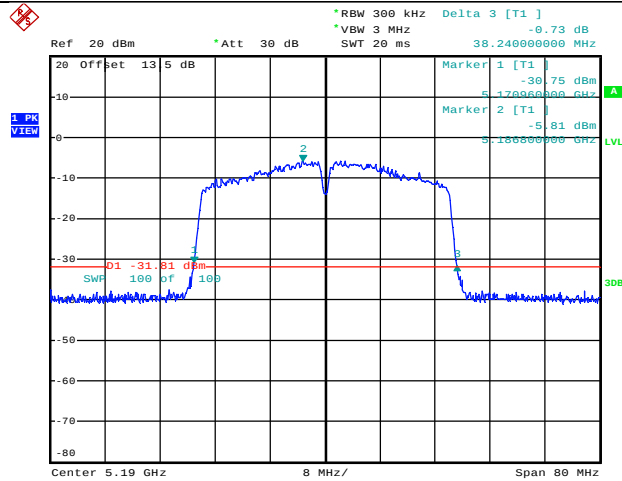
Date: 3.SEP.2023 11:51:37

11N20SISO_Ant1_5825



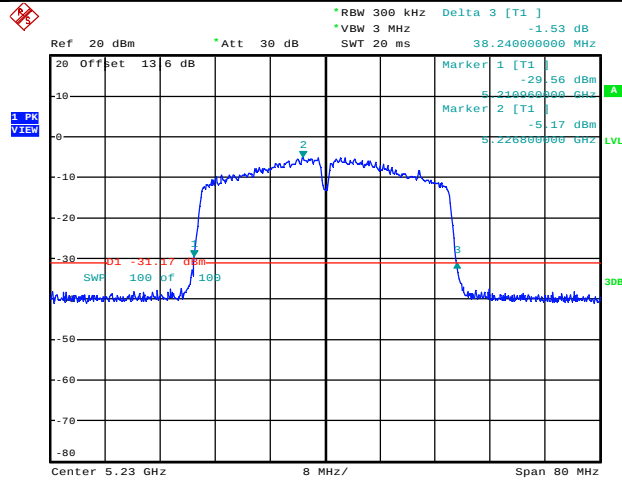
Date: 3.SEP.2023 11:57:31

11N40SISO_Ant1_5190



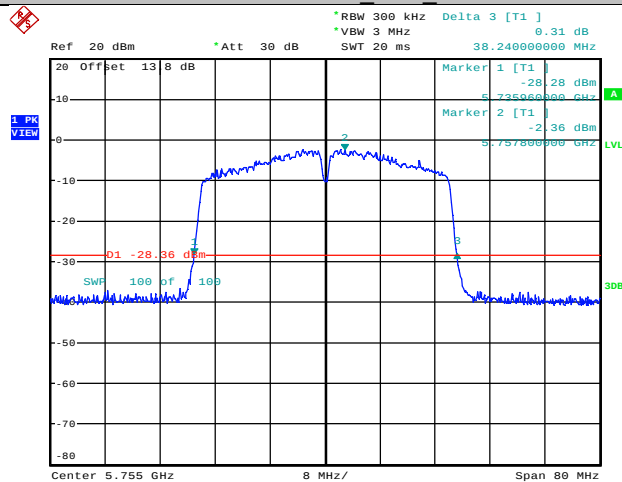
Date: 3.SEP.2023 12:41:43

11N40SISO_Ant1_5230



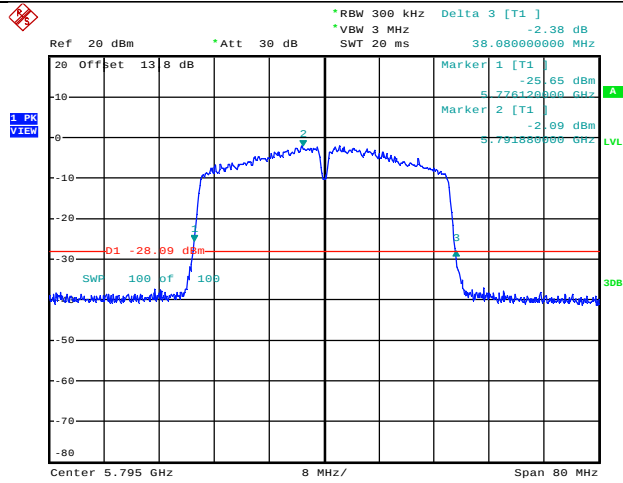
Date: 3.SEP.2023 12:44:43

11N40SISO_Ant1_5755



Date: 3.SEP.2023 12:48:34

11N40SISO_Ant1_5795

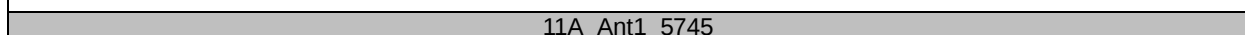
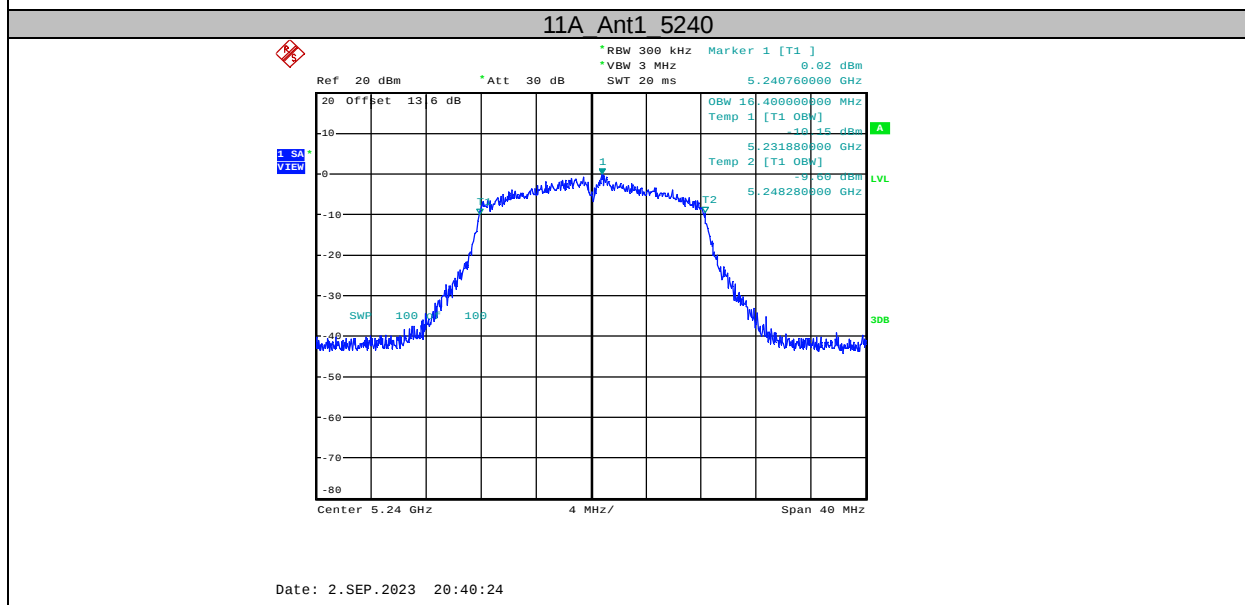
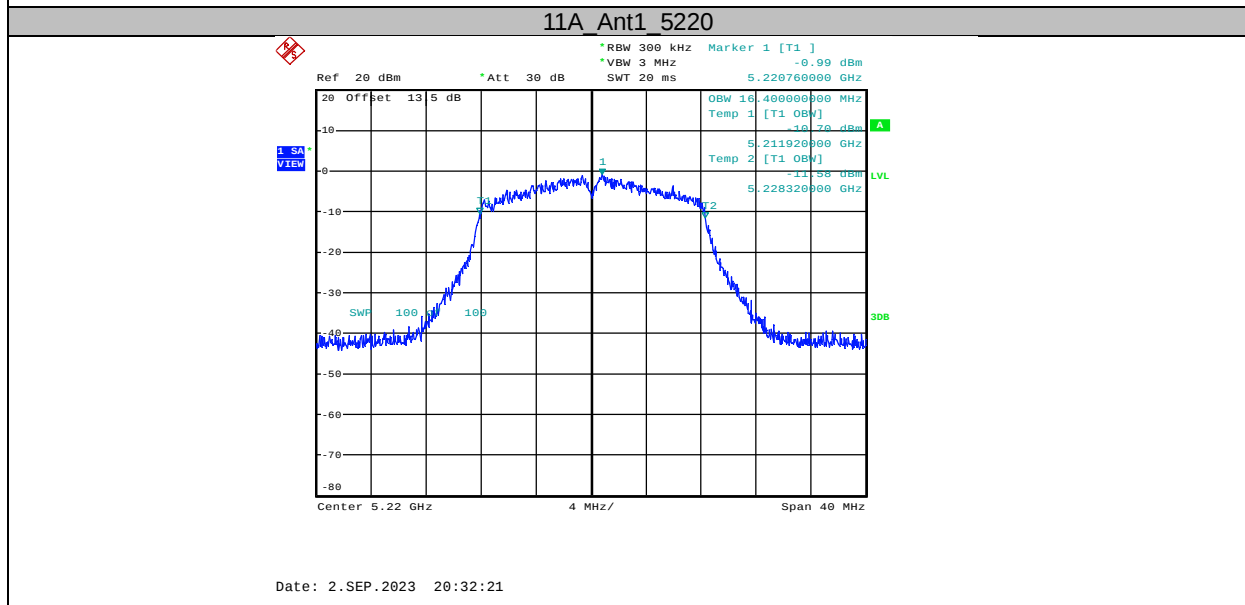
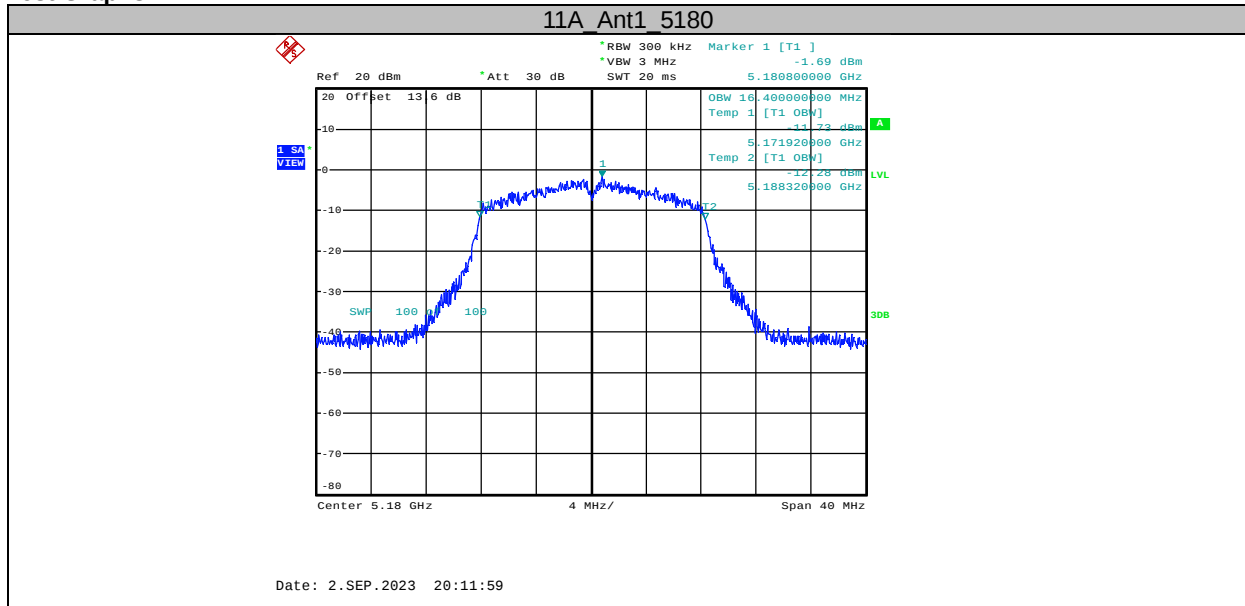


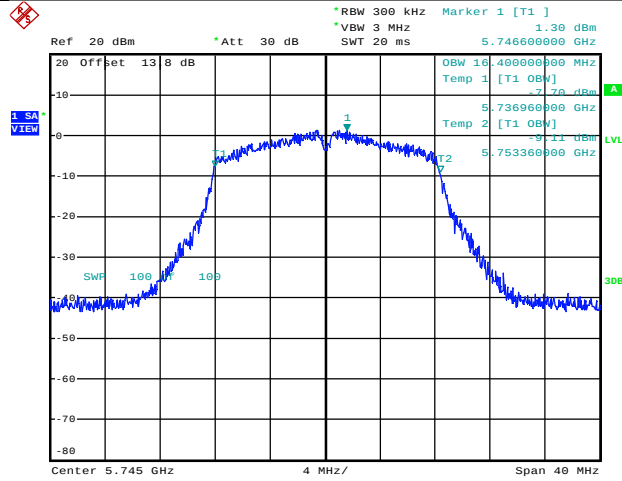
Date: 3.SEP.2023 12:52:39

**Appendix A2: Occupied channel bandwidth
Test Result**

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.4	5171.920	5188.320	---	---
		5220	16.4	5211.920	5228.320	---	---
		5240	16.4	5231.880	5248.280	---	---
		5745	16.4	5736.960	5753.360	---	---
		5785	16.4	5776.920	5793.320	---	---
		5825	16.4	5816.920	5833.320	---	---
11N20SISO	Ant1	5180	17.52	5171.320	5188.840	---	---
		5220	17.52	5211.320	5228.840	---	---
		5240	17.52	5231.320	5248.840	---	---
		5745	17.48	5736.360	5753.840	---	---
		5785	17.44	5776.360	5793.800	---	---
		5825	17.48	5816.360	5833.840	---	---
11N40SISO	Ant1	5190	35.68	5172.240	5207.920	---	---
		5230	35.6	5212.240	5247.840	---	---
		5755	35.52	5737.400	5772.920	---	---
		5795	35.52	5777.320	5812.840	---	---

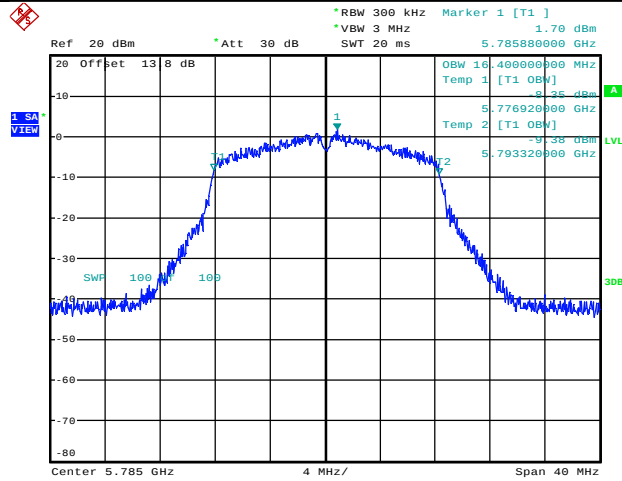
Test Graphs





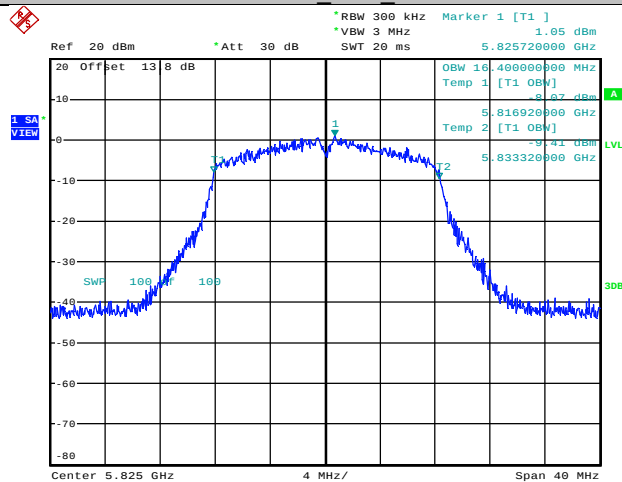
Date: 2.SEP.2023 20:47:07

11A_Ant1_5785



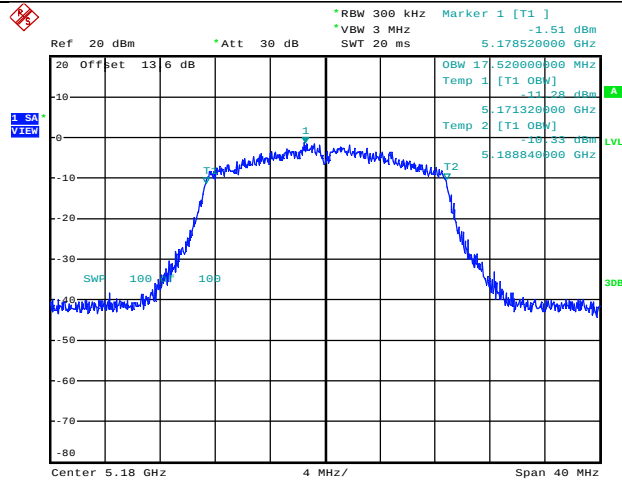
Date: 2.SEP.2023 20:54:12

11A_Ant1_5825



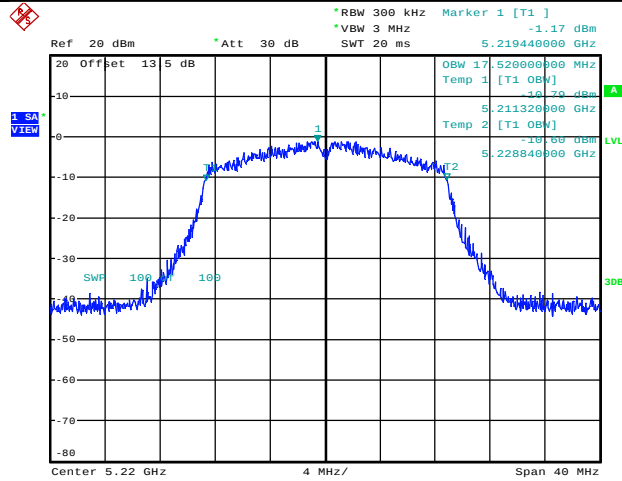
Date: 2.SEP.2023 20:57:04

11N20SISO_Ant1_5180



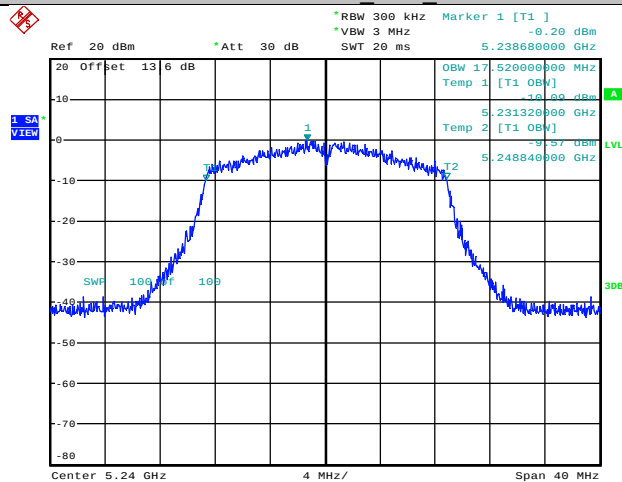
Date: 3.SEP.2023 11:32:50

11N20SISO_Ant1_5220



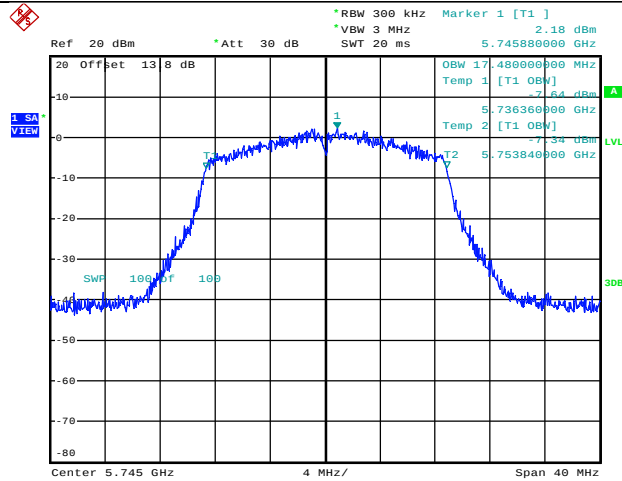
Date: 3.SEP.2023 11:40:16

11N20SISO_Ant1_5240



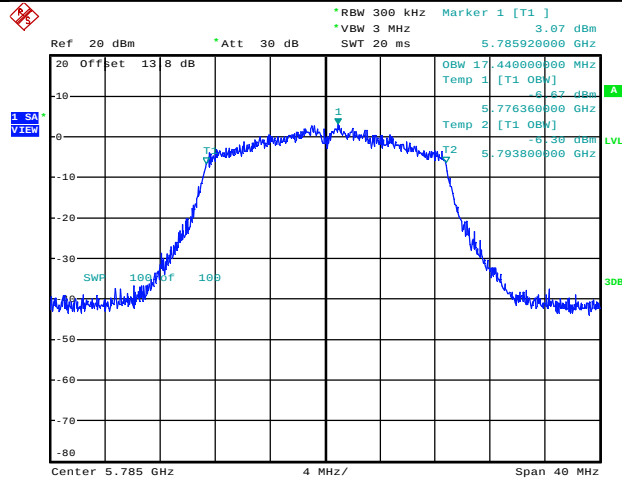
Date: 3.SEP.2023 11:44:07

11N20SISO_Ant1_5745



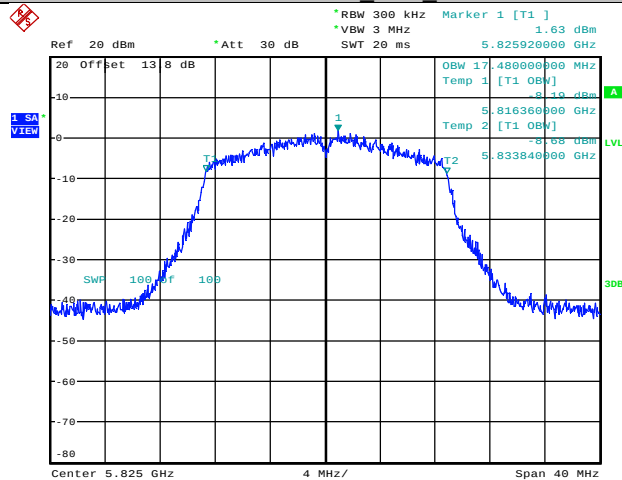
Date: 3.SEP.2023 11:48:18

11N20SISO_Ant1_5785



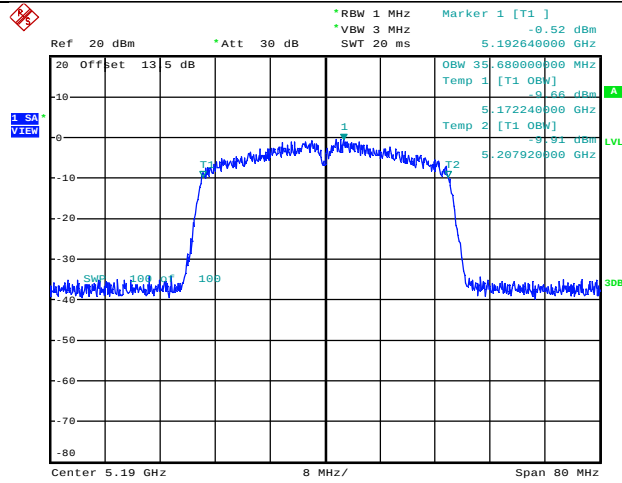
Date: 3.SEP.2023 11:52:15

11N20SISO_Ant1_5825



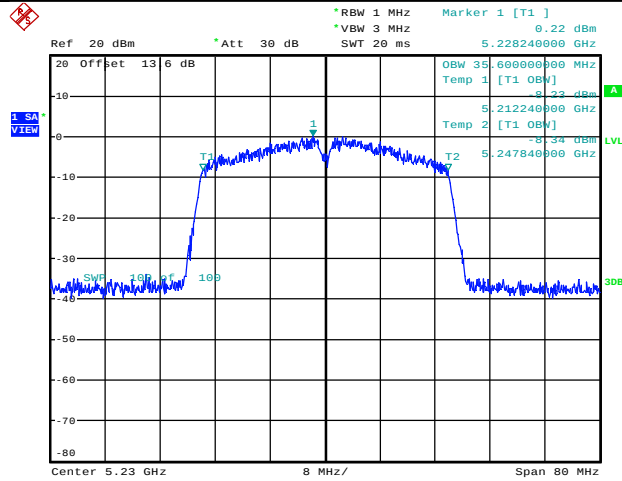
Date: 3.SEP.2023 11:58:09

11N40SISO_Ant1_5190



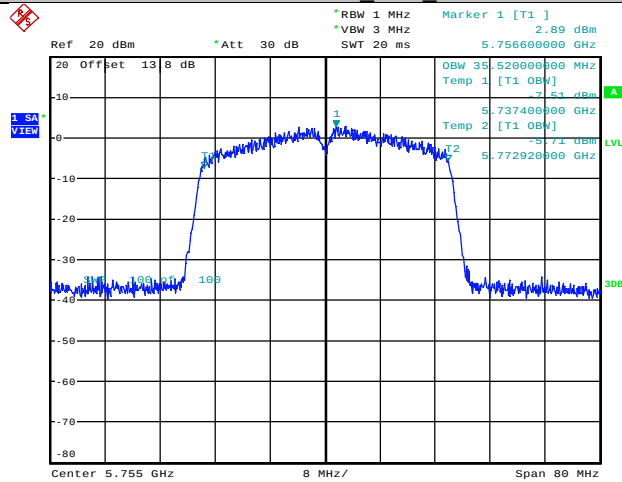
Date: 3.SEP.2023 12:42:03

11N40SISO_Ant1_5230



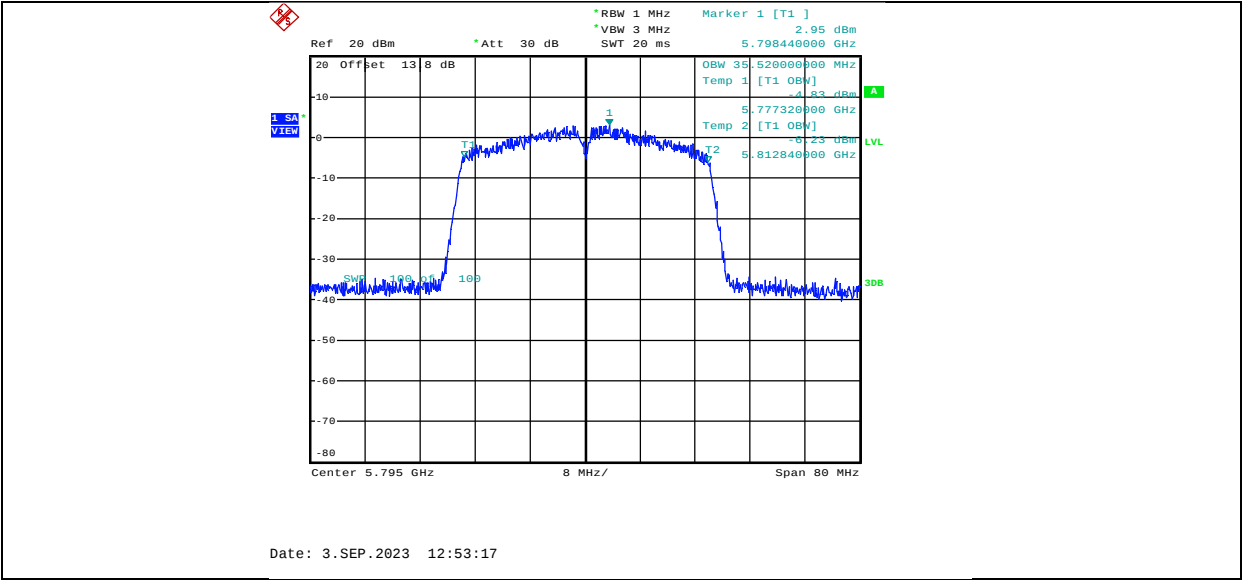
Date: 3.SEP.2023 12:45:02

11N40SISO_Ant1_5755



Date: 3.SEP.2023 12:49:12

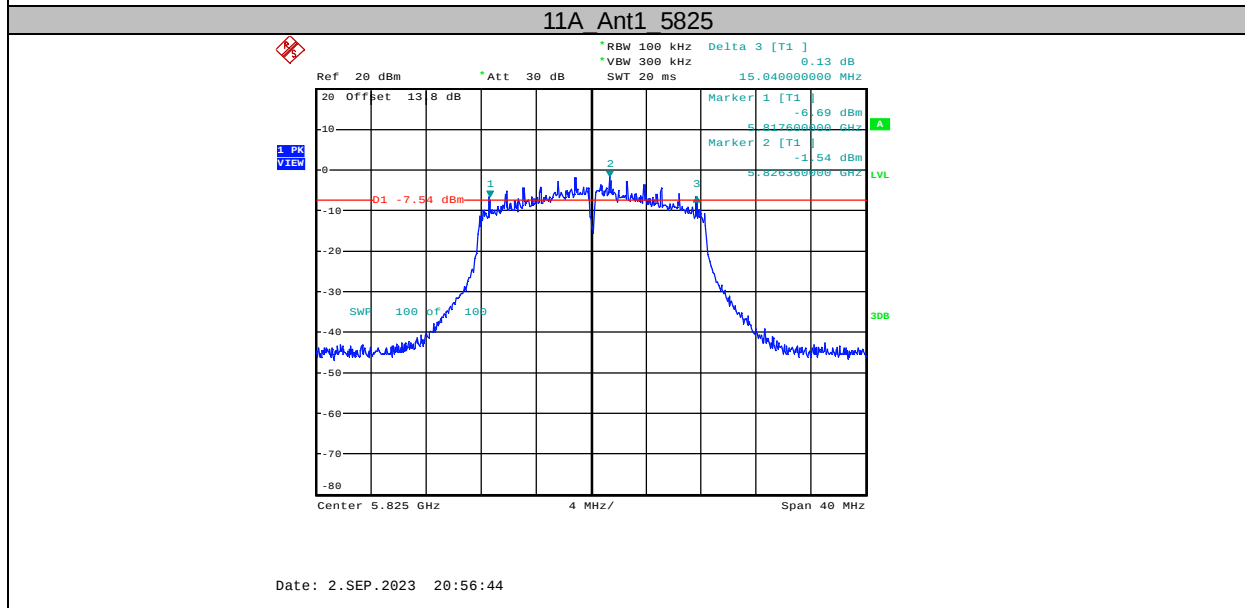
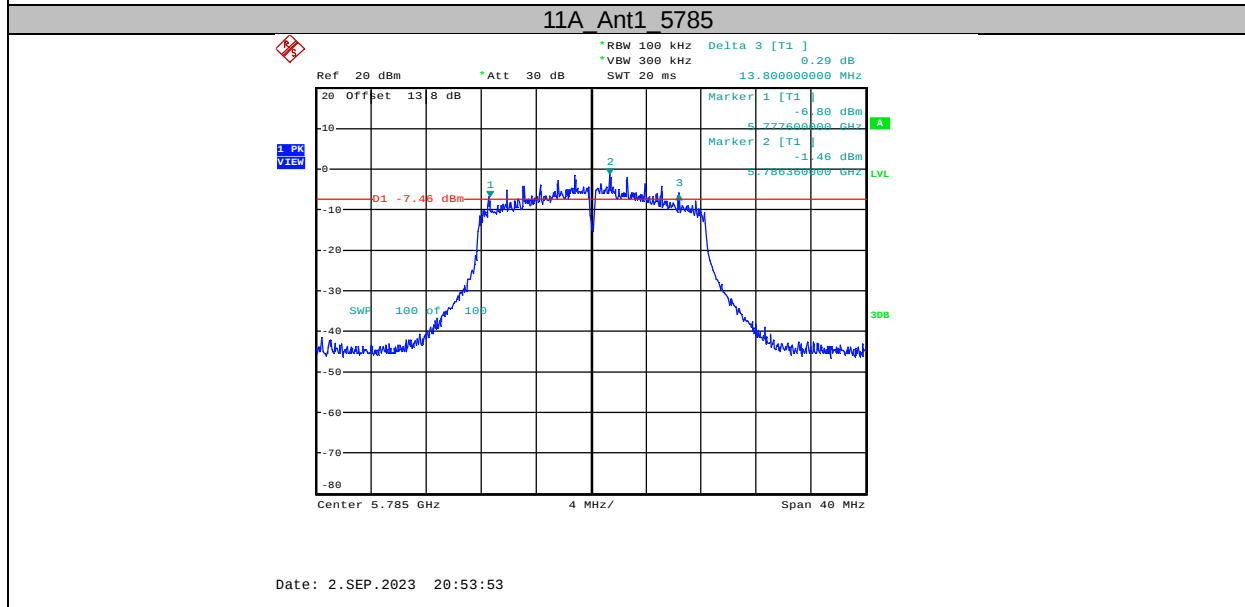
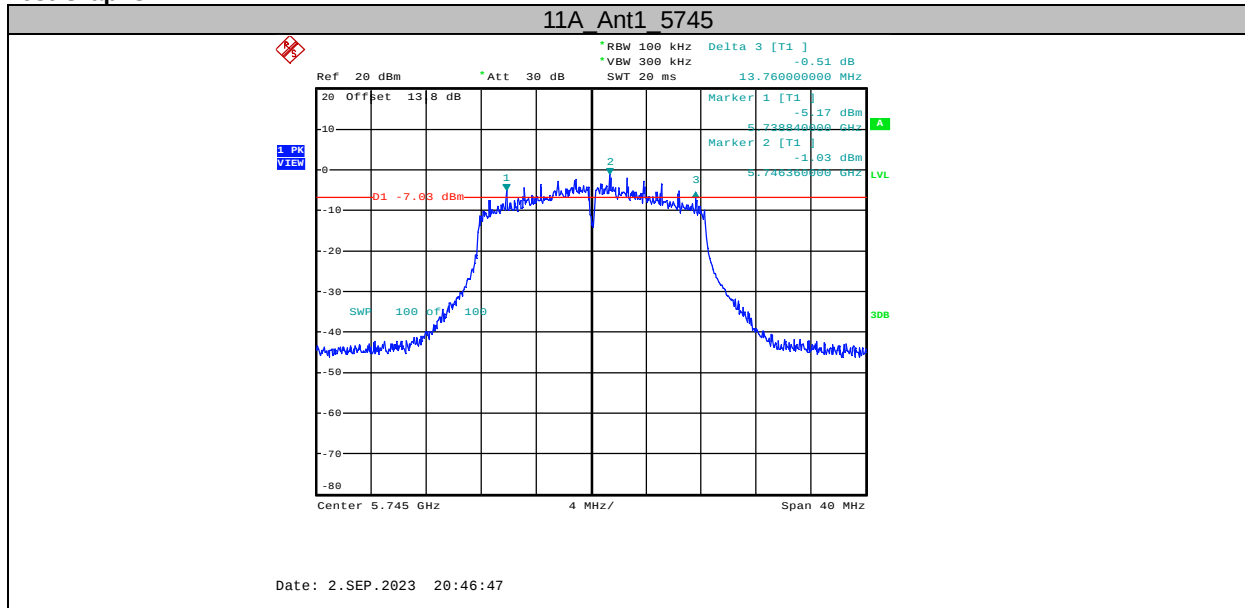
11N40SISO_Ant1_5795



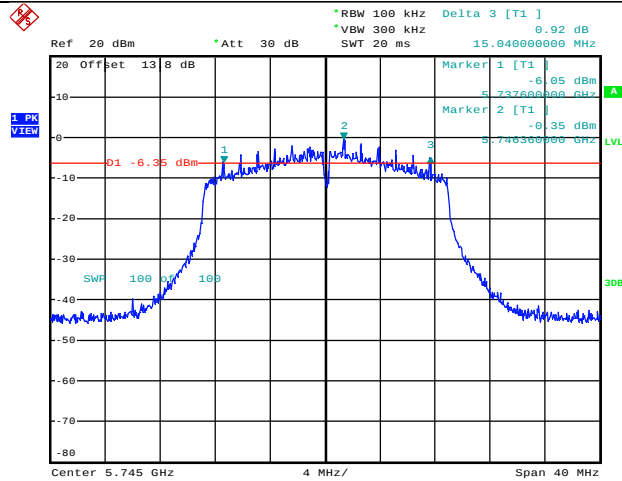
**Appendix A3: Min emission bandwidth
Test Result B4**

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	13.76	5738.84	5752.60	0.5	PASS
		5785	13.80	5777.60	5791.40	0.5	PASS
		5825	15.04	5817.60	5832.64	0.5	PASS
11N20SISO	Ant1	5745	15.04	5737.60	5752.64	0.5	PASS
		5785	15.04	5777.60	5792.64	0.5	PASS
		5825	15.04	5817.60	5832.64	0.5	PASS
11N40SISO	Ant1	5755	33.76	5738.84	5772.60	0.5	PASS
		5795	32.56	5778.84	5811.40	0.5	PASS

Test Graphs B4

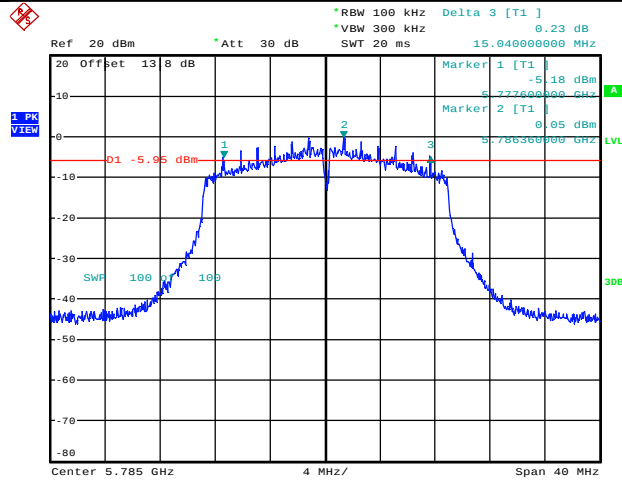


11N20SISO_Ant1_5745



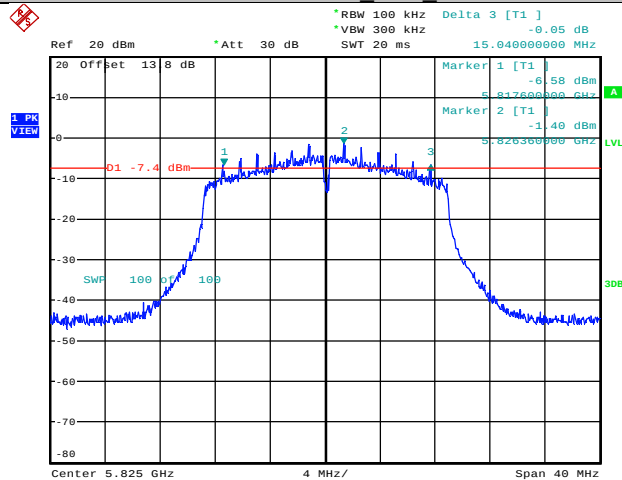
Date: 3.SEP.2023 11:47:58

11N20SISO_Ant1_5785



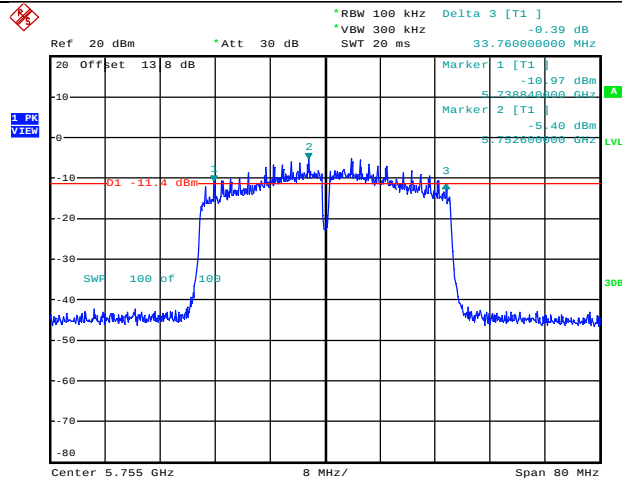
Date: 3.SEP.2023 11:51:55

11N20SISO_Ant1_5825



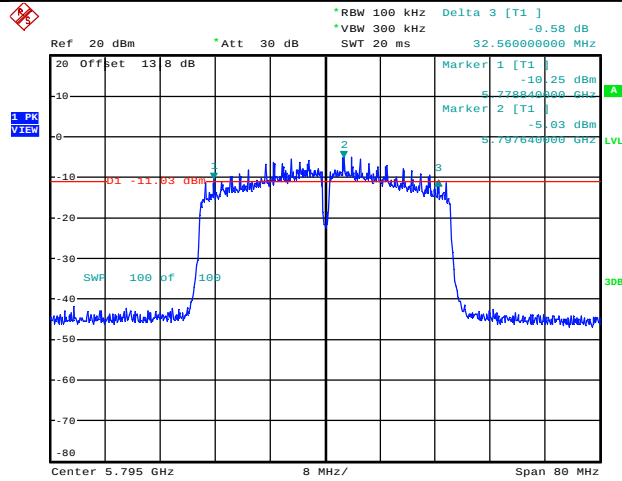
Date: 3.SEP.2023 11:57:49

11N40SISO_Ant1_5755



Date: 3.SEP.2023 12:48:52

11N40SISO_Ant1_5795

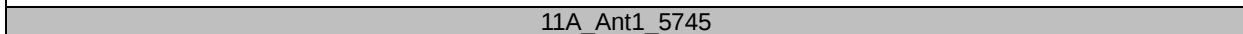
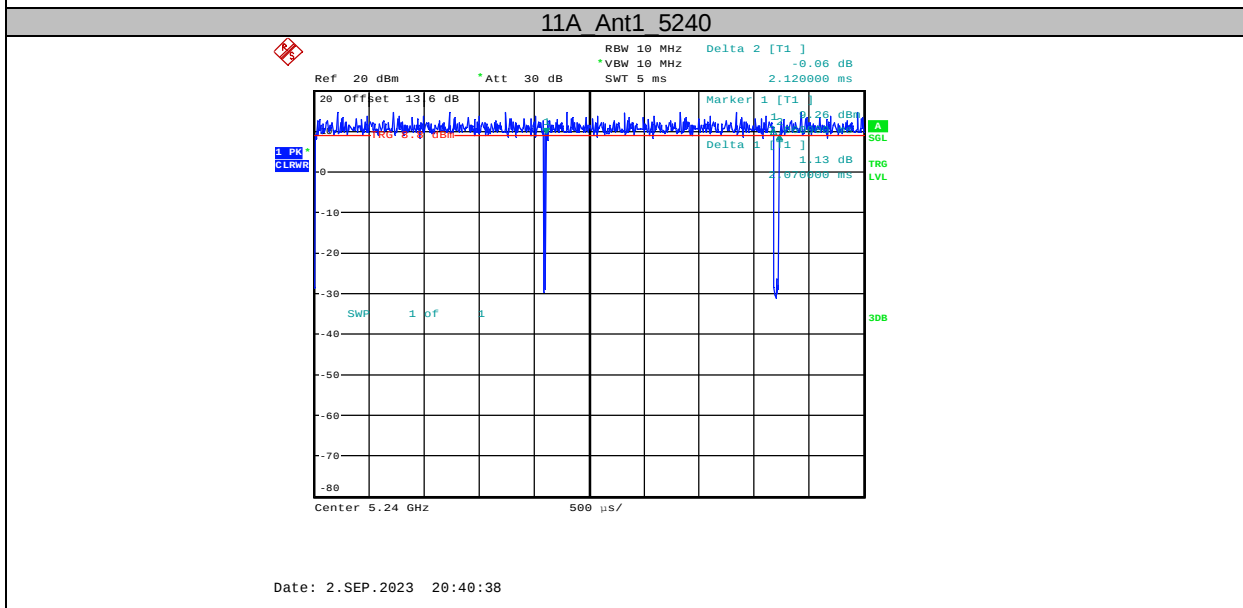
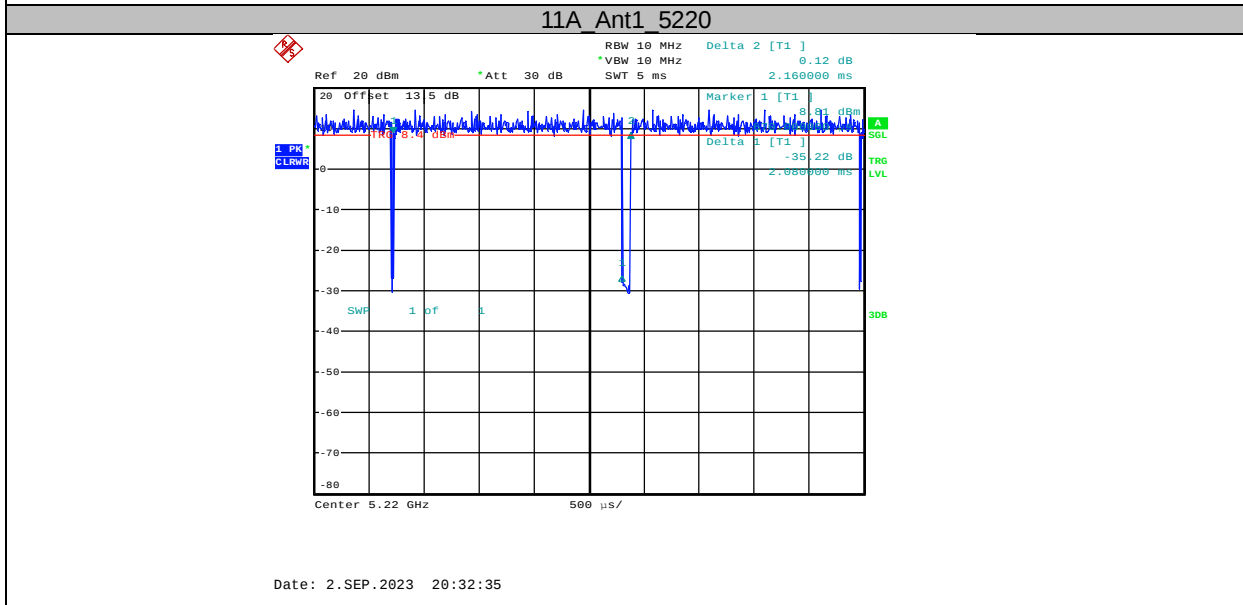
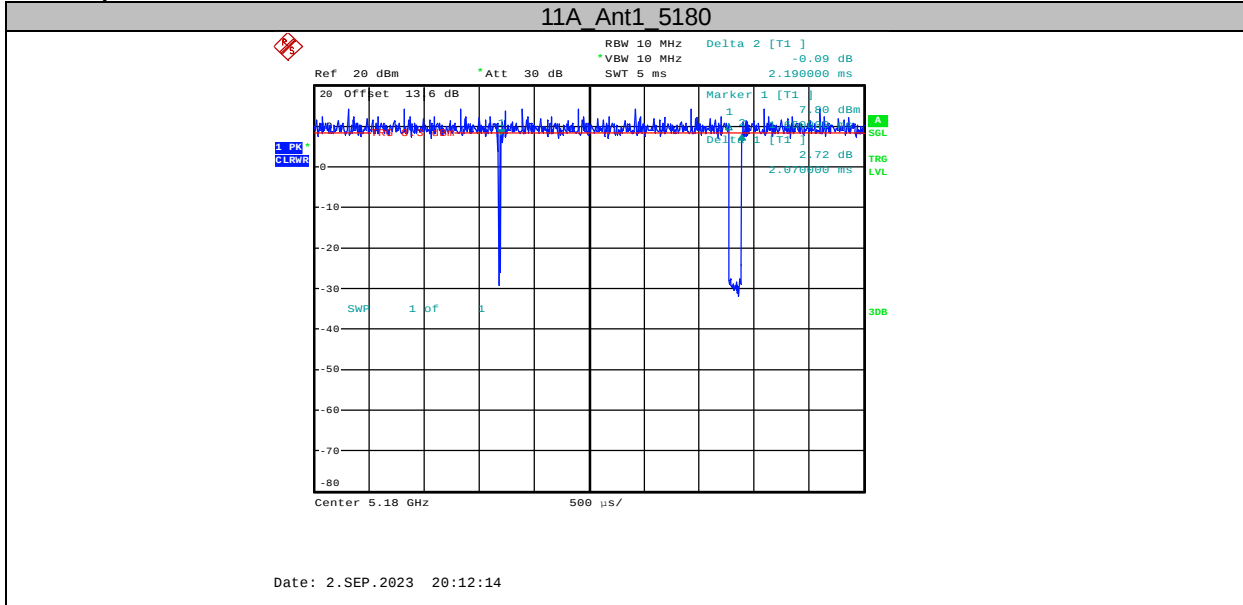


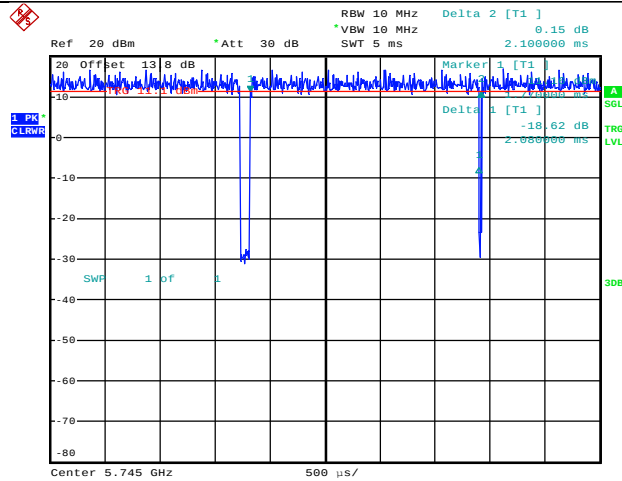
Date: 3.SEP.2023 12:52:57

**Appendix B: Duty Cycle
Test Result**

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.07	2.19	94.52
		5220	2.08	2.16	96.30
		5240	2.07	2.12	97.64
		5745	2.08	2.10	99.05
		5785	2.08	2.18	95.41
		5825	2.08	2.15	96.74
11N20SISO	Ant1	5180	1.93	1.98	97.47
		5220	1.93	1.95	98.97
		5240	1.93	2.00	96.50
		5745	1.93	2.02	95.54
		5785	1.93	1.98	97.47
		5825	1.93	2.04	94.61
11N40SISO	Ant1	5190	0.95	1.04	91.35
		5230	0.95	1.02	93.14
		5755	0.95	1.01	94.06
		5795	0.95	1.04	91.35

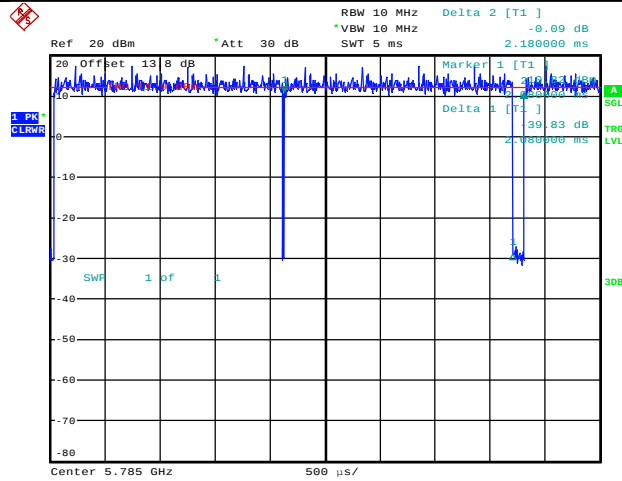
Test Graphs





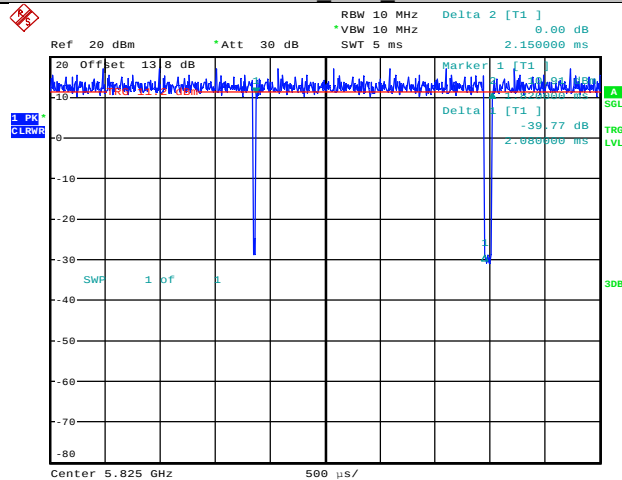
Date: 2.SEP.2023 20:47:22

11A_Ant1_5785



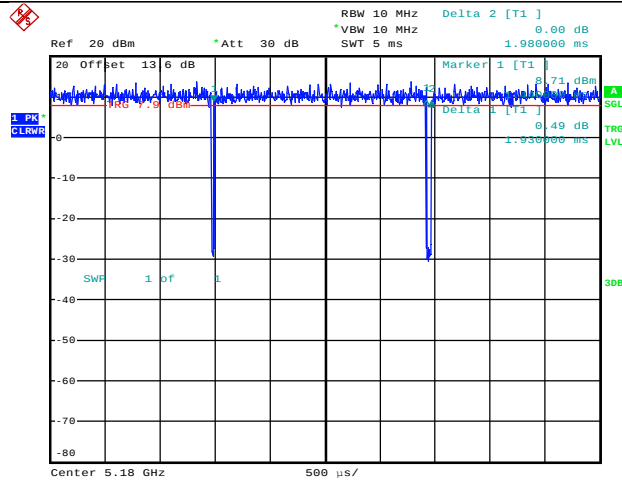
Date: 2.SEP.2023 20:54:27

11A_Ant1_5825



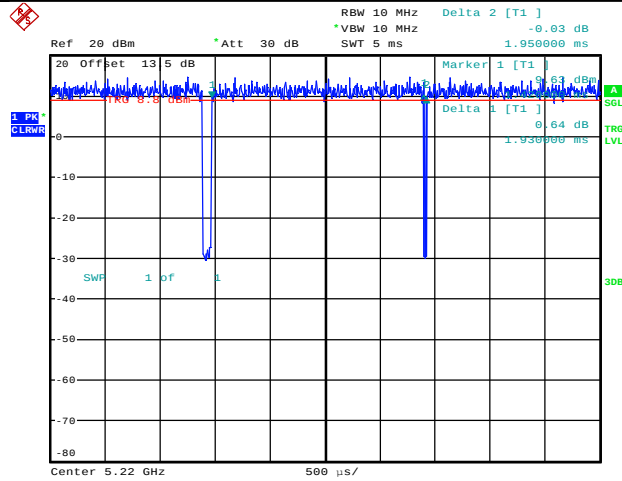
Date: 2.SEP.2023 20:57:18

11N20SISO_Ant1_5180



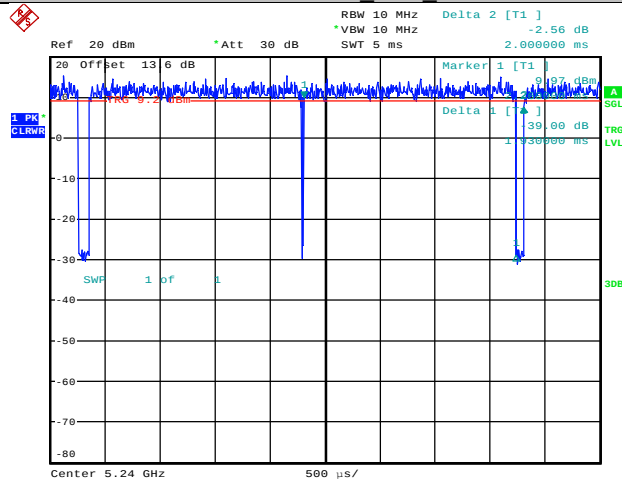
Date: 3.SEP.2023 11:33:04

11N20SISO_Ant1_5220



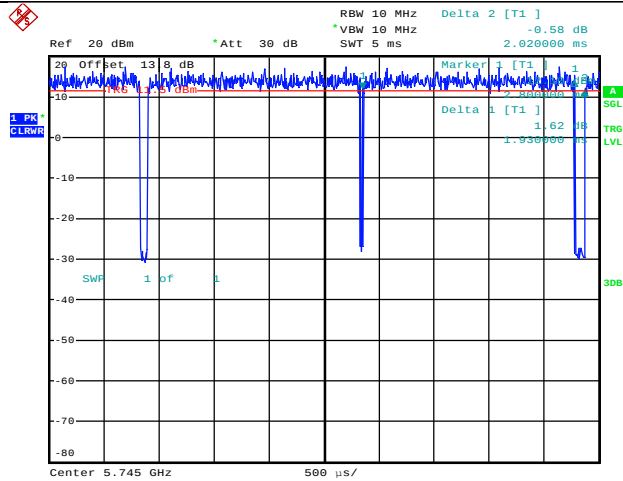
Date: 3.SEP.2023 11:40:30

11N20SISO_Ant1_5240



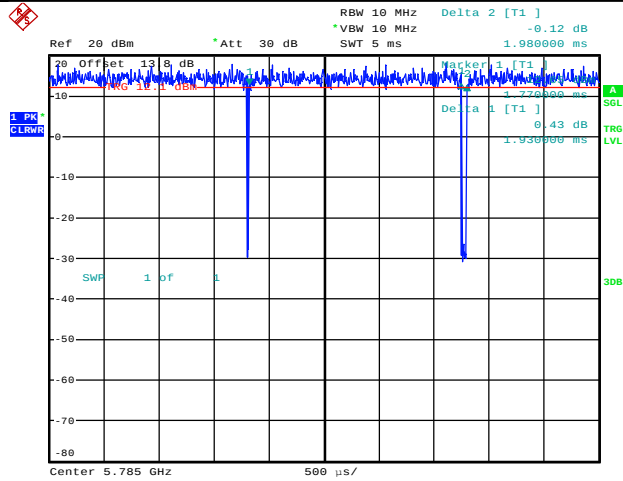
Date: 3.SEP.2023 11:44:21

11N20SISO_Ant1_5745



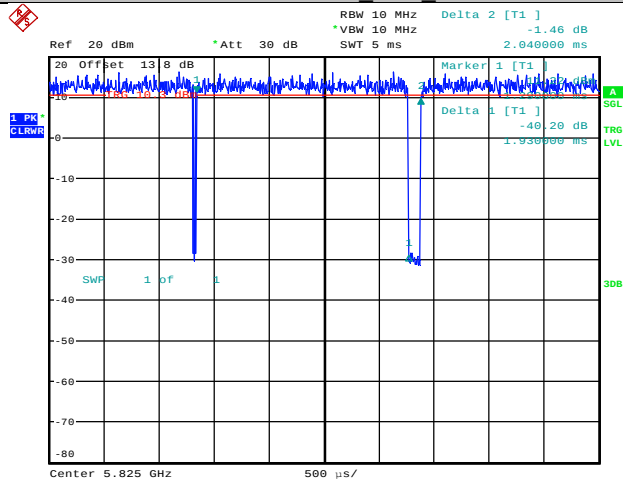
Date: 3.SEP.2023 11:48:33

11N20SISO_Ant1_5785



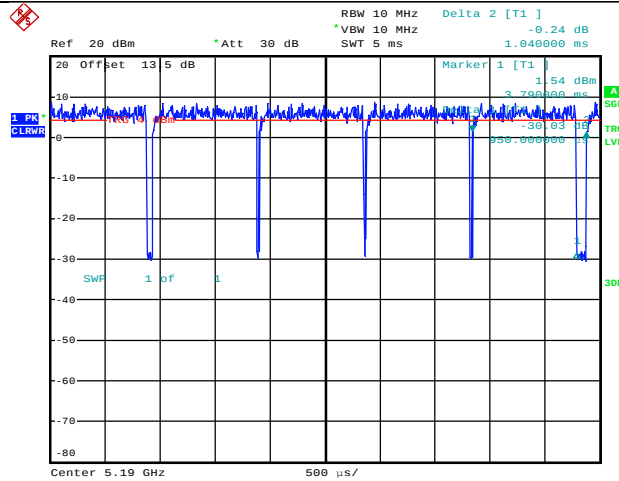
Date: 3.SEP.2023 11:52:30

11N20SISO_Ant1_5825



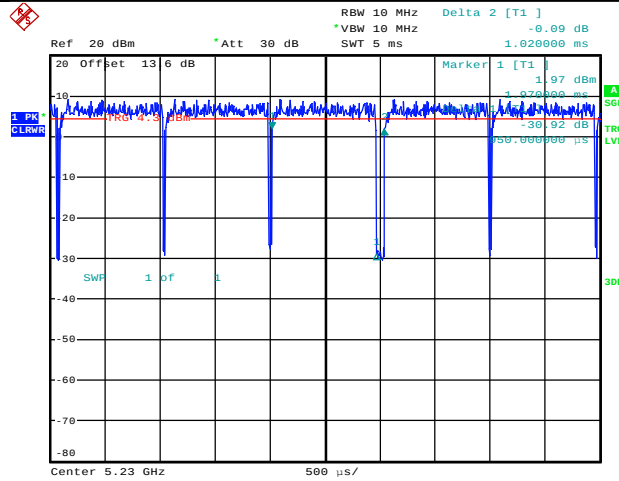
Date: 3.SEP.2023 11:58:23

11N40SISO_Ant1_5190



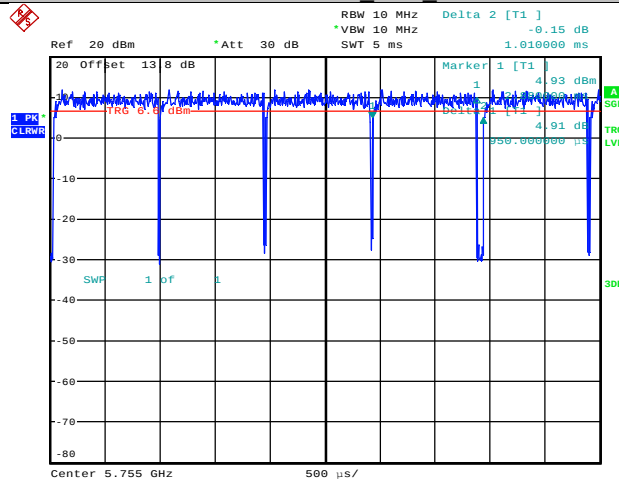
Date: 3.SEP.2023 12:42:18

11N40SISO_Ant1_5230



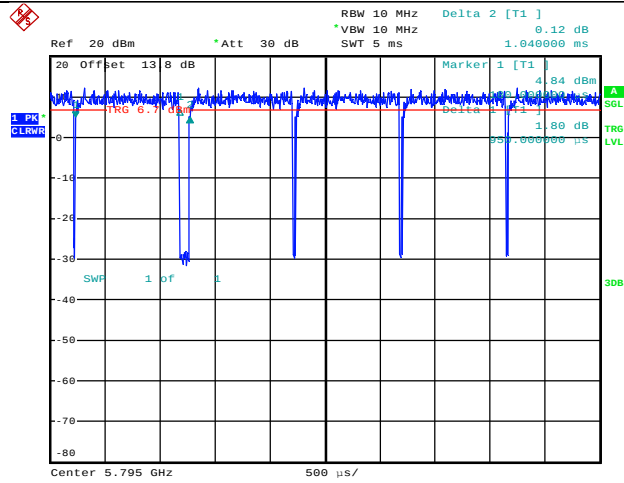
Date: 3.SEP.2023 12:45:17

11N40SISO_Ant1_5755



Date: 3.SEP.2023 12:49:27

11N40SISO_Ant1_5795



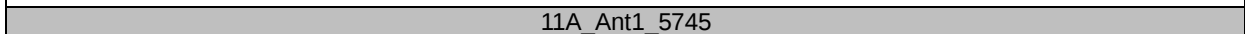
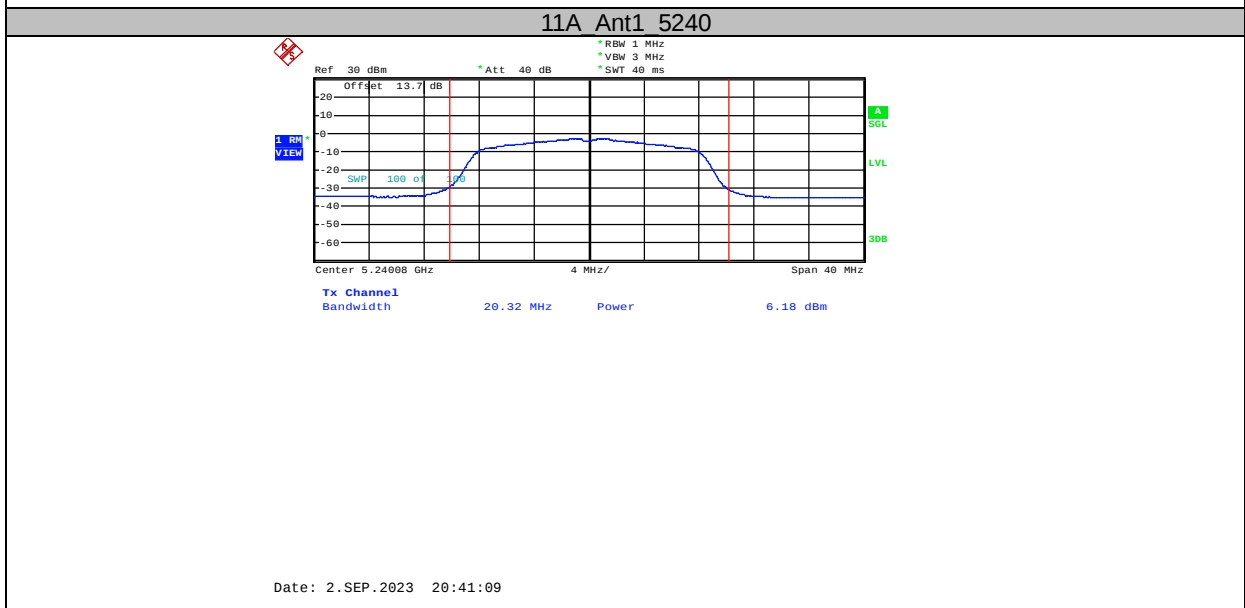
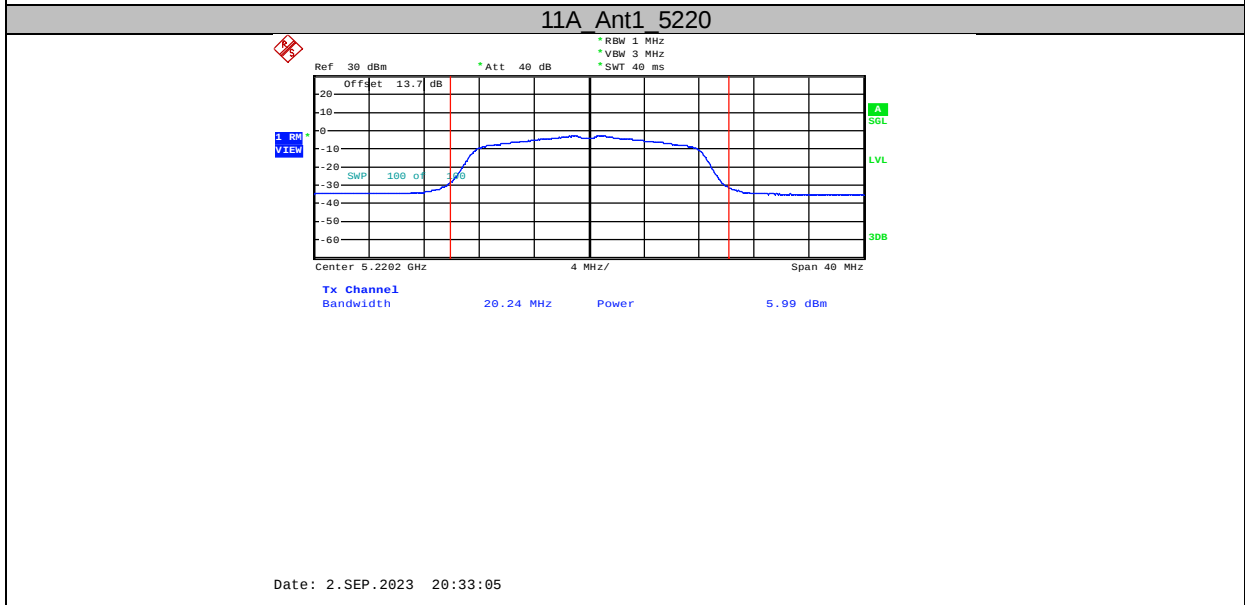
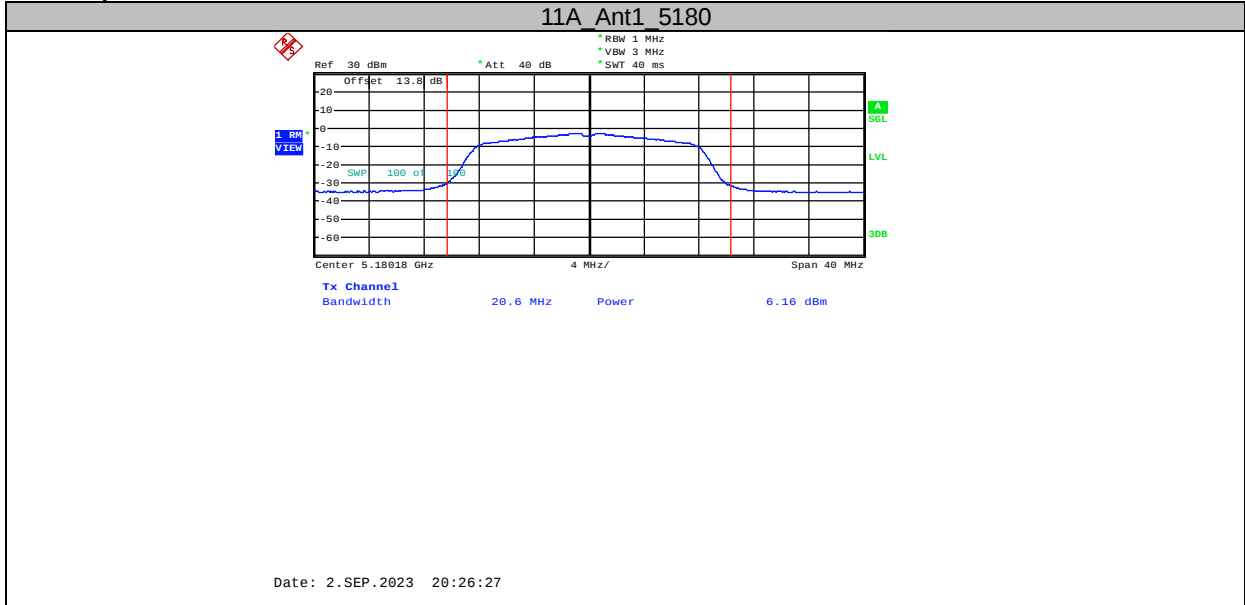
Date: 3.SEP.2023 12:53:31

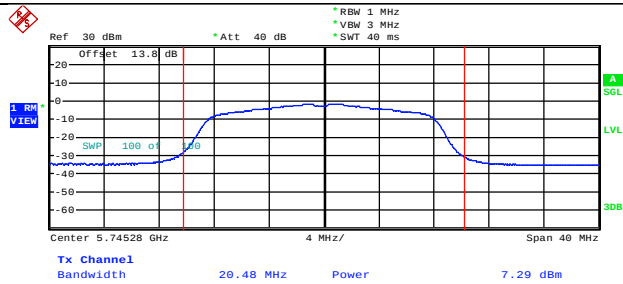
Appendix C: Maximum conducted output power
Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	---	5.92	94.52	0.24	6.16	≤23.98	0.84	7.00	---	PASS
		5220	---	5.83	96.30	0.16	5.99	≤23.98	0.84	6.83	---	PASS
		5240	---	6.08	97.64	0.10	6.18	≤23.98	0.84	7.02	---	PASS
		5745	---	7.25	99.05	0.04	7.29	≤30.00	0.84	8.13	---	PASS
		5785	---	7.83	95.41	0.20	8.03	≤30.00	0.84	8.87	---	PASS
		5825	---	7.74	96.74	0.14	7.88	≤30.00	0.84	8.72	---	PASS
11N20SISO	Ant1	5180	---	5.71	97.47	0.11	5.82	≤23.98	0.84	6.66	---	PASS
		5220	---	6.05	98.97	0.04	6.09	≤23.98	0.84	6.93	---	PASS
		5240	---	5.93	96.50	0.15	6.08	≤23.98	0.84	6.92	---	PASS
		5745	---	7.16	95.54	0.20	7.36	≤30.00	0.84	8.20	---	PASS
		5785	---	7.98	97.47	0.11	8.09	≤30.00	0.84	8.93	---	PASS
		5825	---	8.00	94.61	0.24	8.24	≤30.00	0.84	9.08	---	PASS
11N40SISO	Ant1	5190	---	5.06	91.35	0.39	5.45	≤23.98	0.84	6.29	---	PASS
		5230	---	5.24	93.14	0.31	5.55	≤23.98	0.84	6.39	---	PASS
		5755	---	6.99	94.06	0.27	7.26	≤30.00	0.84	8.10	---	PASS
		5795	---	7.17	91.35	0.39	7.56	≤30.00	0.84	8.40	---	PASS

Note: The Duty Cycle Factor is compensated in the graph.

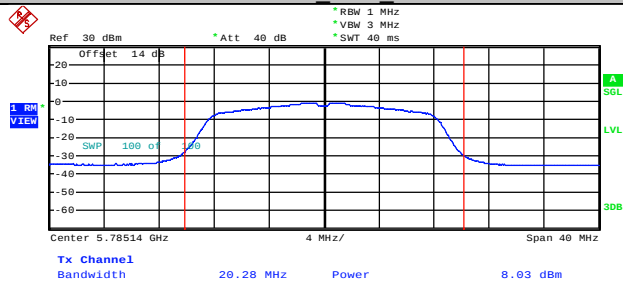
Test Graphs Channel Power





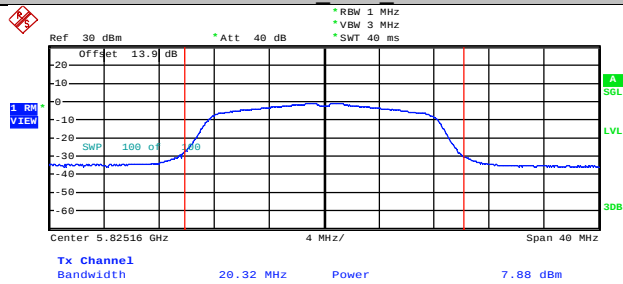
Date: 2.SEP.2023 20:49:36

11A_Ant1_5785



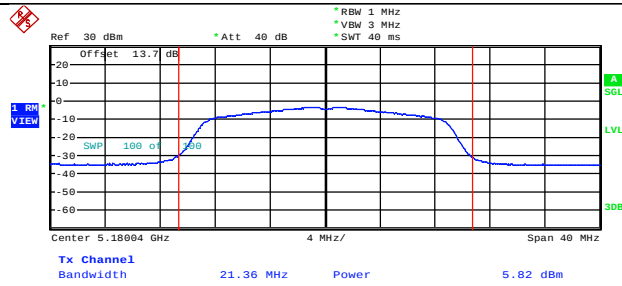
Date: 2.SEP.2023 20:54:58

11A_Ant1_5825



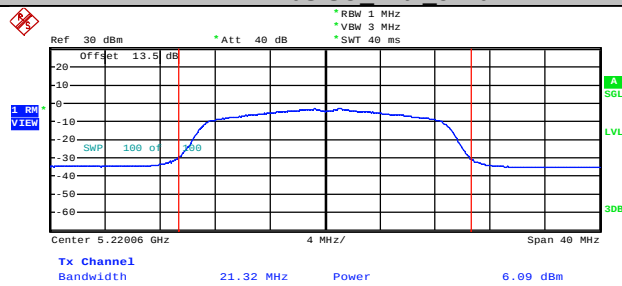
Date: 2.SEP.2023 20:57:48

11N20SISO_Ant1_5180



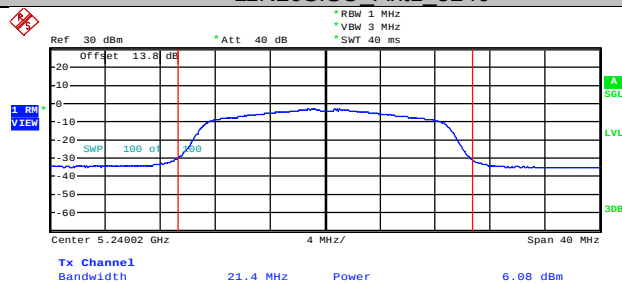
Date: 3.SEP.2023 12:16:53

11N20SISO_Ant1_5220



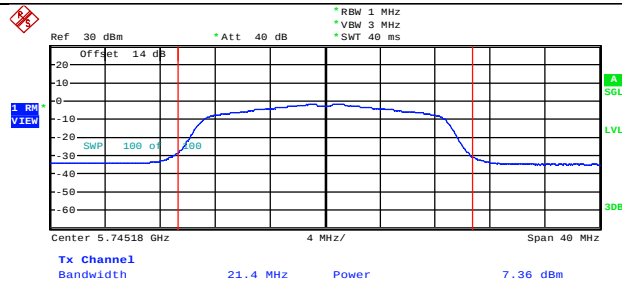
Date: 3.SEP.2023 12:18:58

11N20SISO_Ant1_5240



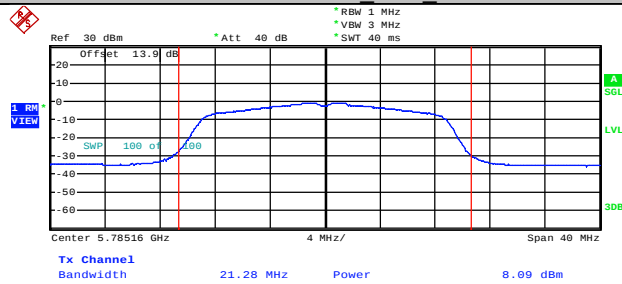
Date: 3.SEP.2023 12:33:14

11N20SISO_Ant1_5745



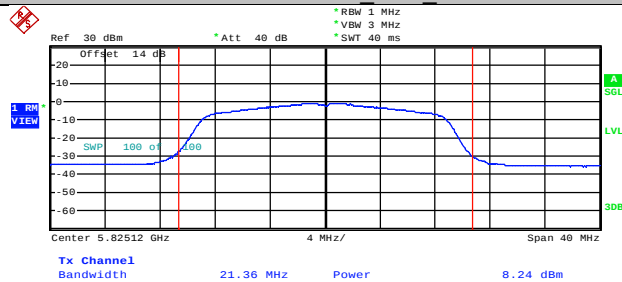
Date: 3.SEP.2023 12:12:35

11N20SISO_Ant1_5785



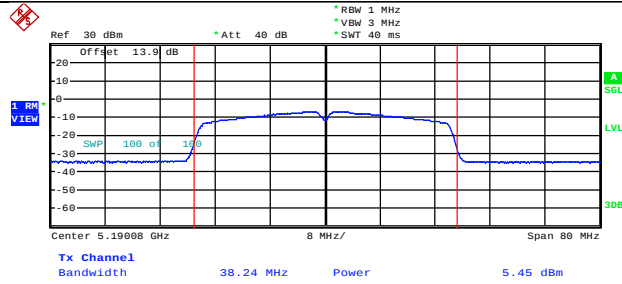
Date: 3.SEP.2023 12:13:54

11N20SISO_Ant1_5825



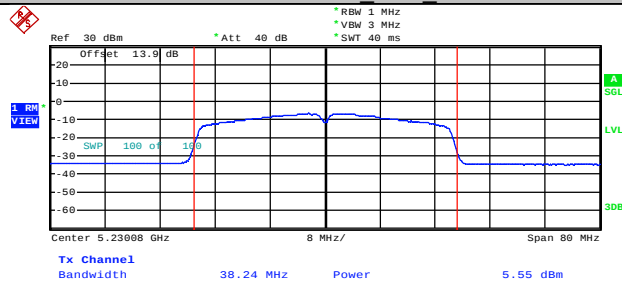
Date: 3.SEP.2023 12:15:47

11N40SISO_Ant1_5190



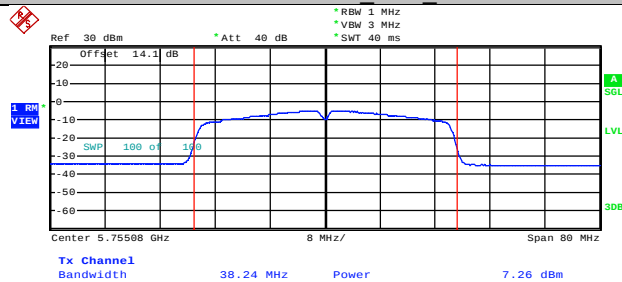
Date: 3.SEP.2023 12:59:06

11N40SISO_Ant1_5230



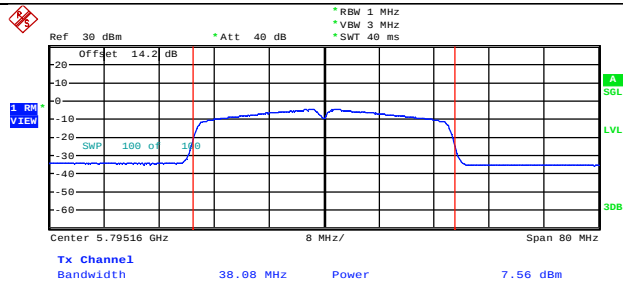
Date: 5.SEP.2023 17:25:22

11N40SISO_Ant1_5755



Date: 3.SEP.2023 12:49:57

11N40SISO_Ant1_5795



Date: 3.SEP.2023 12:54:02

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

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz] / [dBm/500kHz]	Limit[dBm/MHz] / [dBm/500kHz]	Verdict
11A	Ant1	5180	-3.3	≤11.00	PASS
		5220	-3.33	≤11.00	PASS
		5240	-3.07	≤11.00	PASS
		5745	-2.14	≤30.00	PASS
		5785	-1.46	≤30.00	PASS
		5825	-1.26	≤30.00	PASS
11N20SISO	Ant1	5180	-2.96	≤11.00	PASS
		5220	-3.16	≤11.00	PASS
		5240	-2.59	≤11.00	PASS
		5745	-0.58	≤30.00	PASS
		5785	-0.19	≤30.00	PASS
		5825	-1.47	≤30.00	PASS
11N40SISO	Ant1	5190	-8.46	≤11.00	PASS
		5230	-7.93	≤11.00	PASS
		5755	-5.81	≤30.00	PASS
		5795	-5.44	≤30.00	PASS

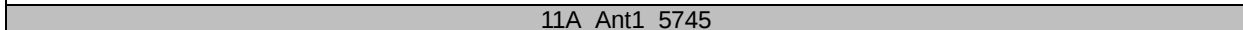
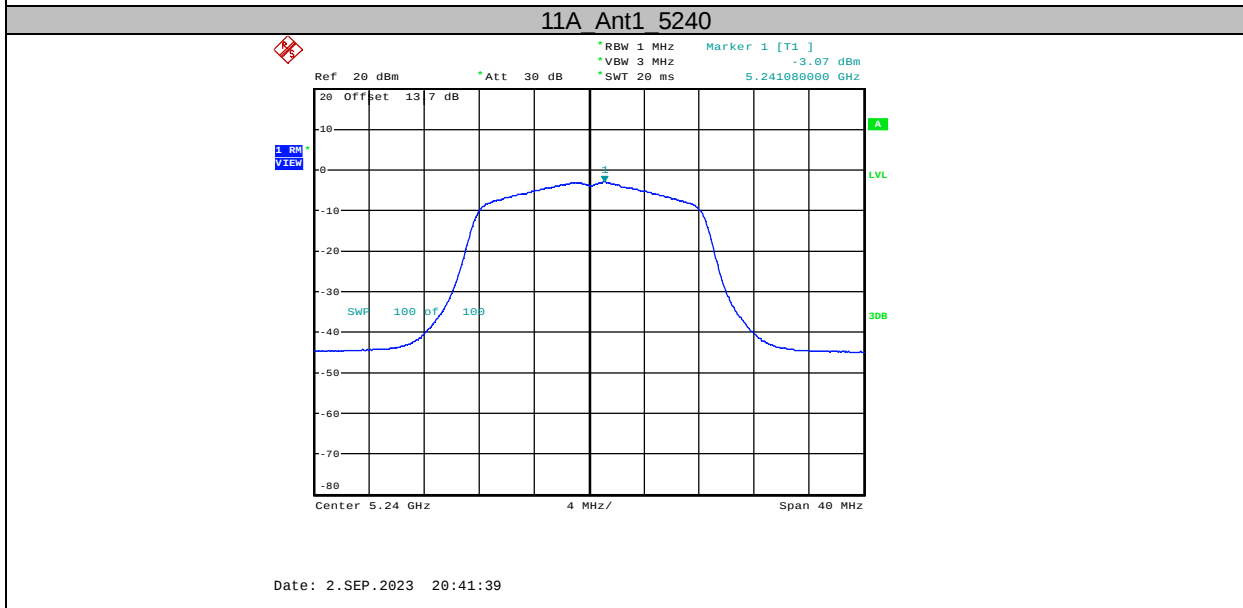
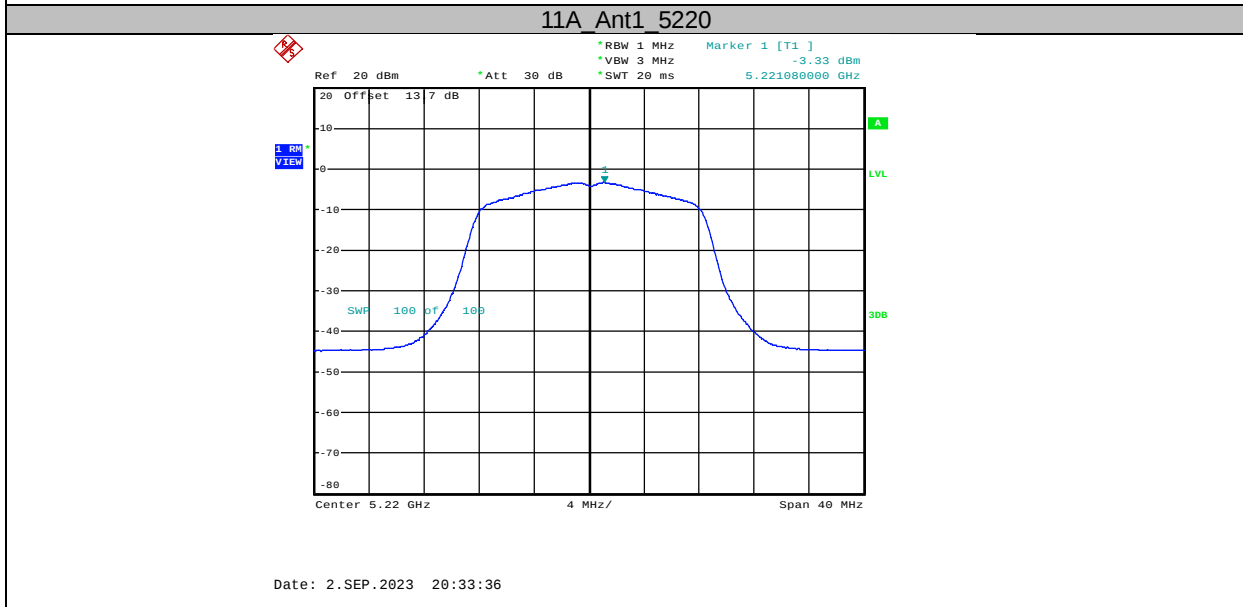
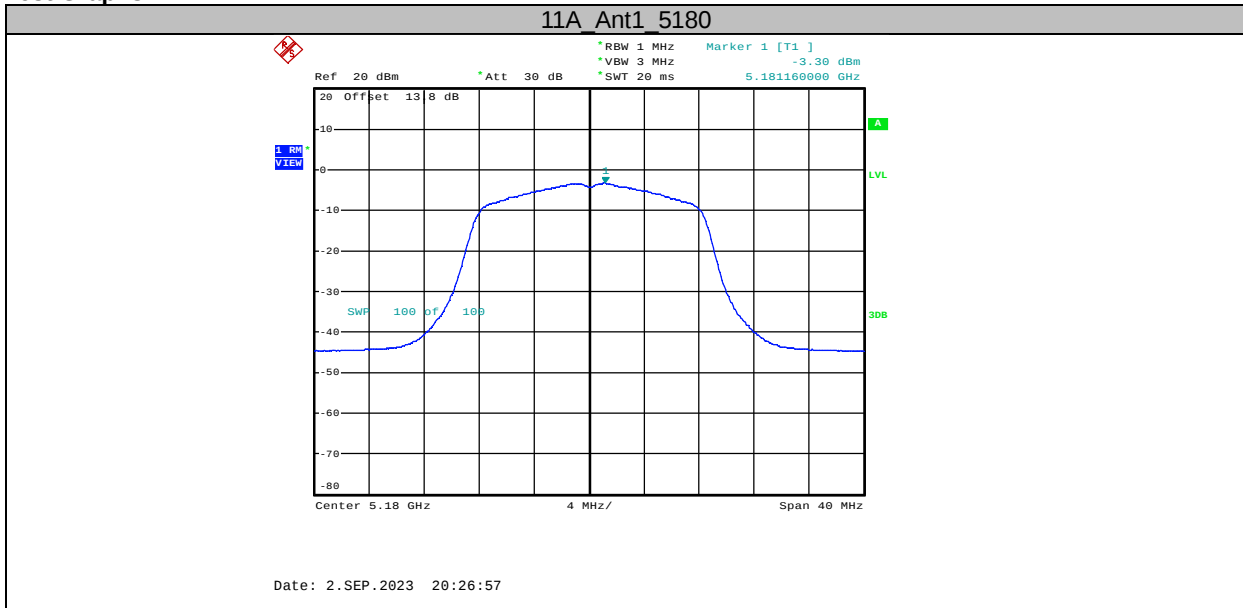
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725- 5.85 GHz.

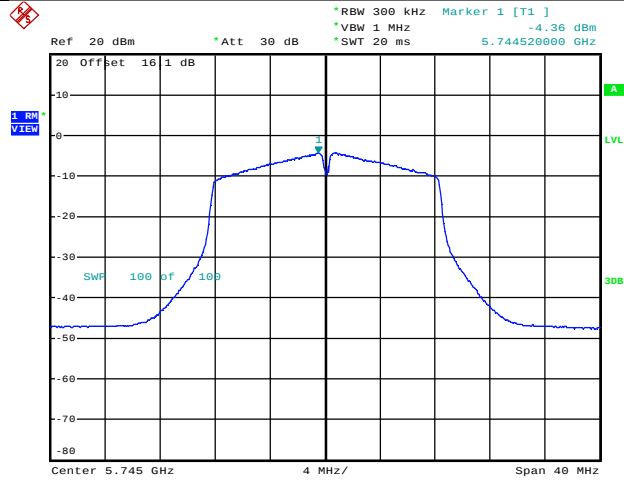
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

3. For 5.8G Result PSD = measured conducted PSD + RBW factor;

4. RBW factor = $10 \log (500 \text{ KHz} / 300 \text{ KHz}) = 2.22 \text{ dB}$;

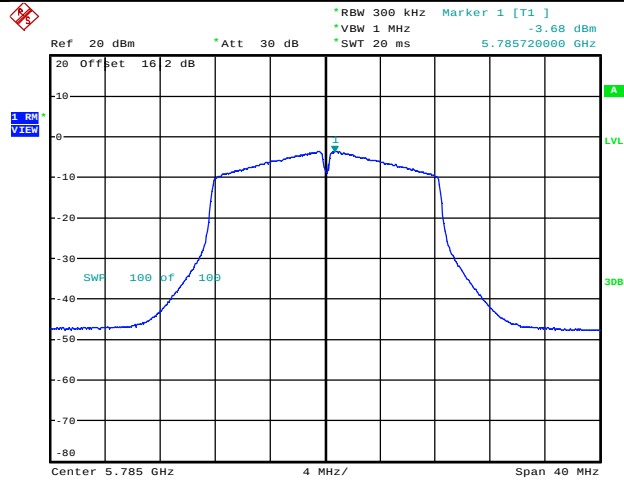
Test Graphs





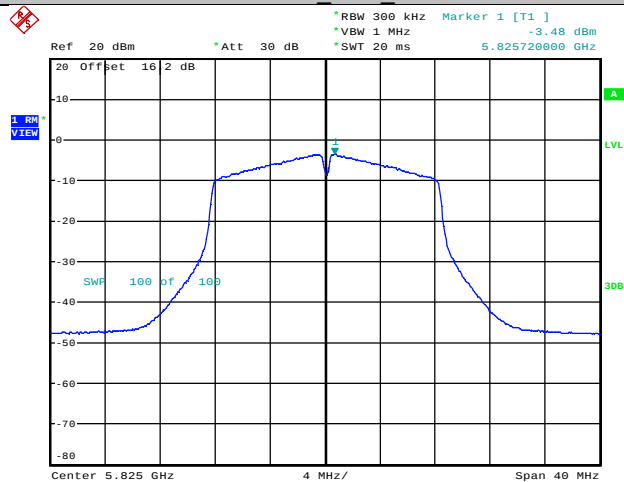
Date: 2.SEP.2023 20:50:06

11A_Ant1_5785



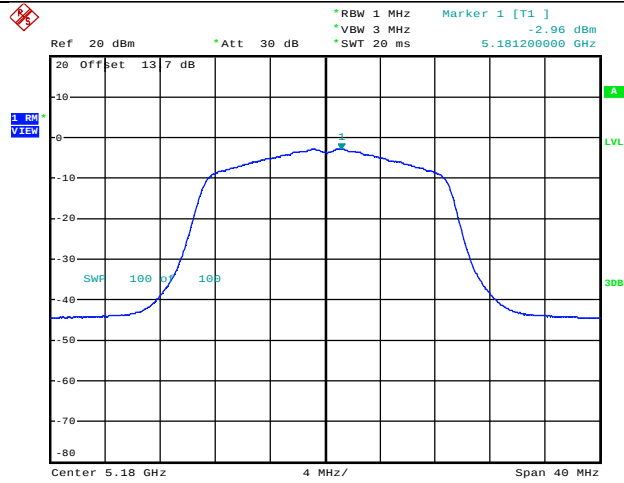
Date: 2.SEP.2023 20:55:28

11A_Ant1_5825



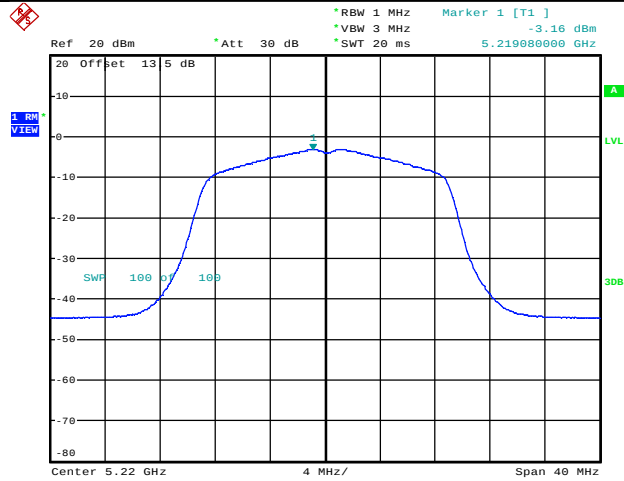
Date: 2.SEP.2023 20:58:19

11N20SISO_Ant1_5180



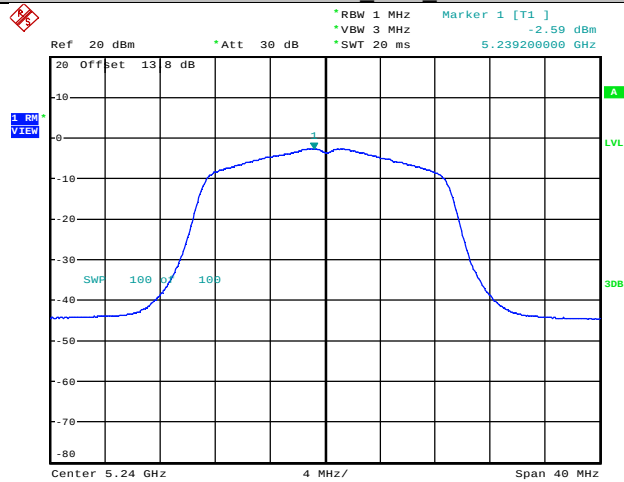
Date: 3.SEP.2023 11:36:46

11N20SISO_Ant1_5220



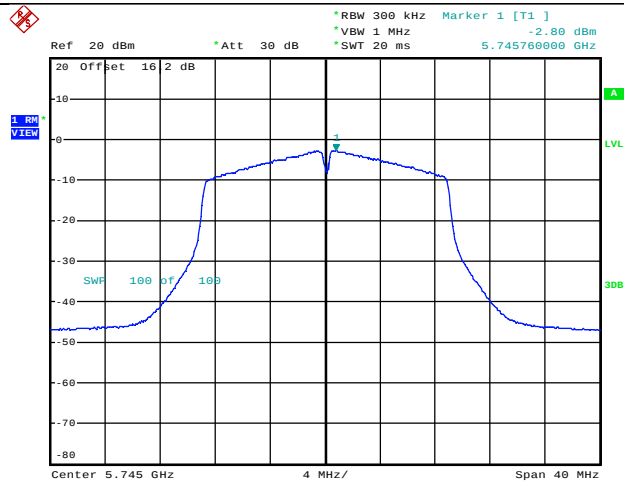
Date: 3.SEP.2023 11:41:31

11N20SISO_Ant1_5240



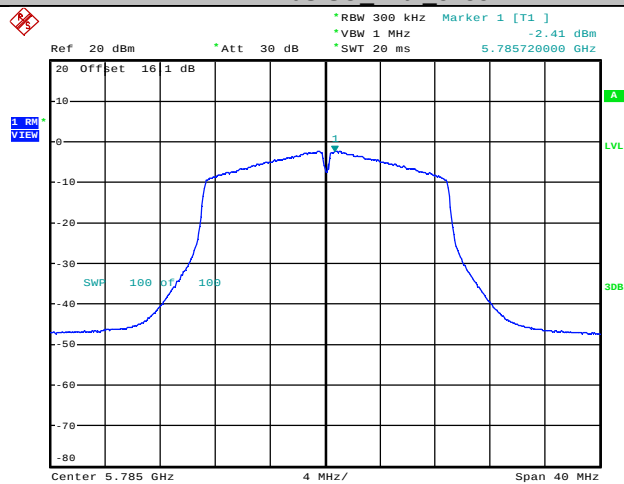
Date: 3.SEP.2023 11:45:22

11N20SISO_Ant1_5745



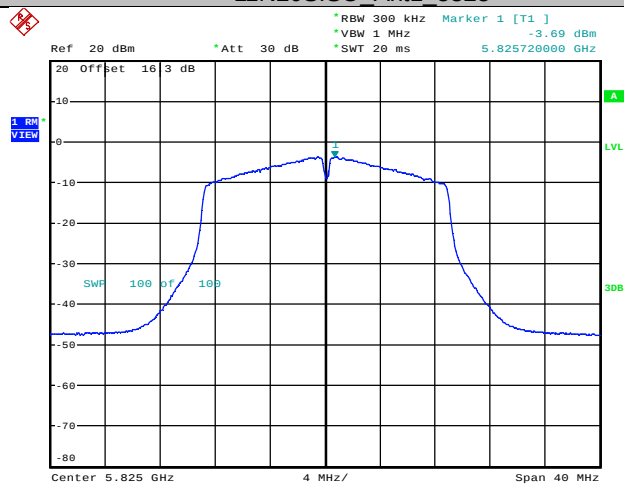
Date: 3.SEP.2023 11:49:34

11N20SISO_Ant1_5785



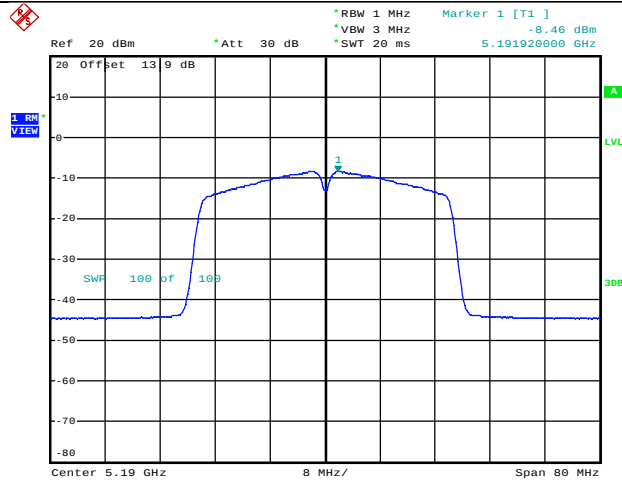
Date: 3.SEP.2023 11:53:31

11N20SISO_Ant1_5825



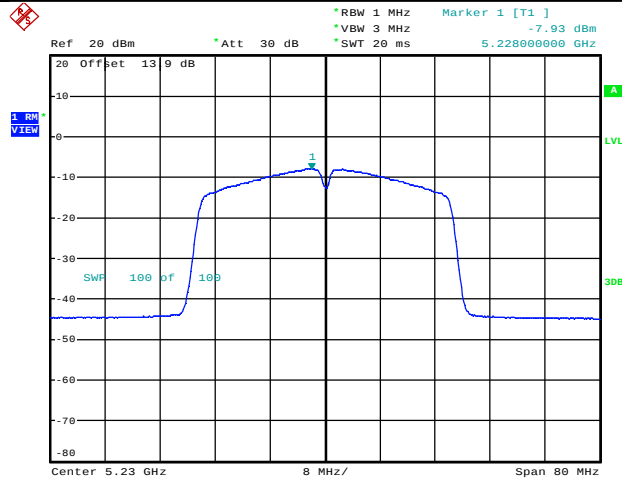
Date: 3.SEP.2023 11:59:24

11N40SISO_Ant1_5190



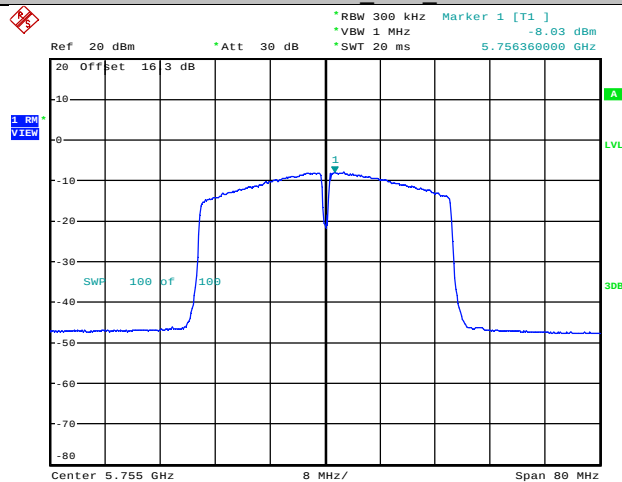
Date: 3.SEP.2023 12:43:18

11N40SISO_Ant1_5230



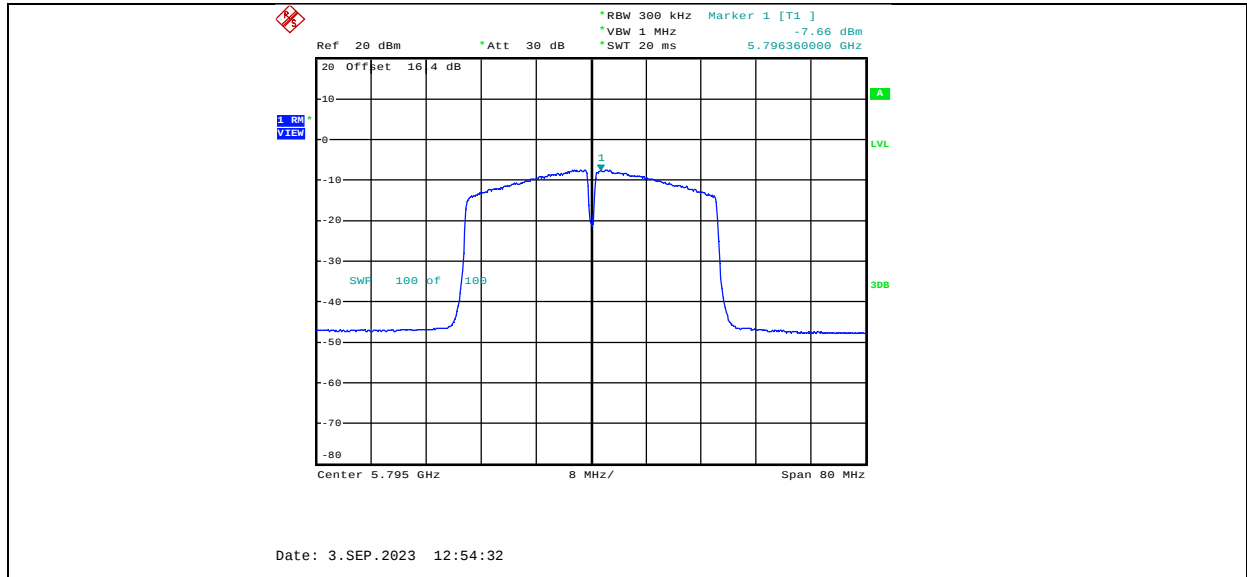
Date: 3.SEP.2023 12:46:18

11N40SISO_Ant1_5755



Date: 3.SEP.2023 12:50:27

11N40SISO_Ant1_5795



Appendix E: Band edge measurements

Test Result B1

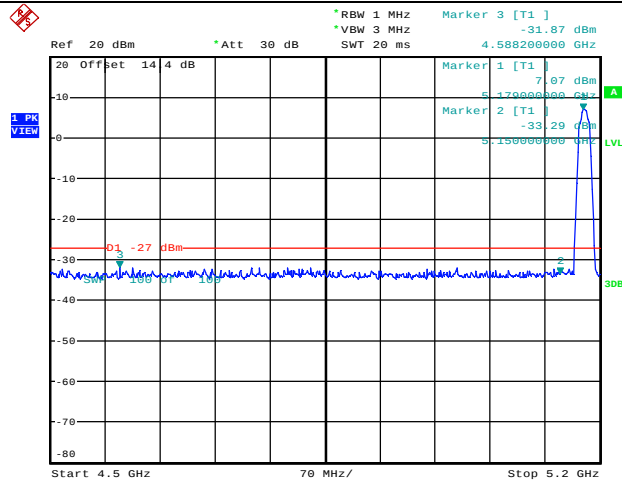
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-31.87	≤-27	PASS
		High	5240	-31.94	≤-27	PASS
11N20SISO	Ant1	Low	5180	-31.67	≤-27	PASS
		High	5240	-31.89	≤-27	PASS
11N40SISO	Ant1	Low	5190	-31.64	≤-27	PASS
		High	5230	-31.97	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-31.39	≤-2.96	PASS
				5700~5720	-31.76	≤14.24	PASS
				5720~5725	-31.45	≤17.65	PASS
				5760~5650	-32.4	≤-27	PASS
		High	5825	5850~5855	-32.8	≤16.10	PASS
				5855~5875	-31.94	≤15.16	PASS
				5875~5925	-30.73	≤1.22	PASS
				5925~5935	-32.19	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-31.44	≤-20.49	PASS
				5700~5720	-30.62	≤13.92	PASS
				5720~5725	-31.99	≤21.85	PASS
				5760~5650	-31.72	≤-27	PASS
		High	5825	5850~5855	-32.29	≤23.49	PASS
				5855~5875	-32.05	≤12.06	PASS
				5875~5925	-31.86	≤8.81	PASS
				5925~5935	-31.97	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-31.58	≤-14.52	PASS
				5700~5720	-30.68	≤15.01	PASS
				5720~5725	-32.04	≤18.20	PASS
				5780~5650	-32.46	≤-27	PASS
		High	5795	5850~5855	-32.66	≤26.57	PASS
				5855~5875	-31.11	≤11.15	PASS
				5875~5925	-31.56	≤-1.40	PASS
				5925~5935	-32.68	≤-27	PASS

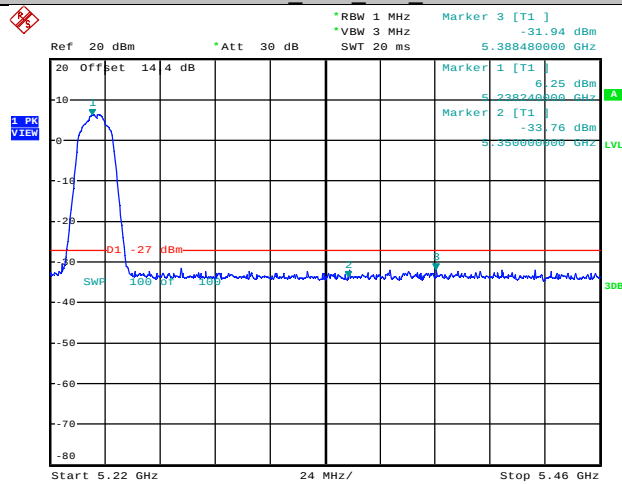
Note: The antenna gain was 0.84dBi, the cable loss was 1dB for 5.2G band, and 1.3dB for 5.8G band

Test Graphs B1



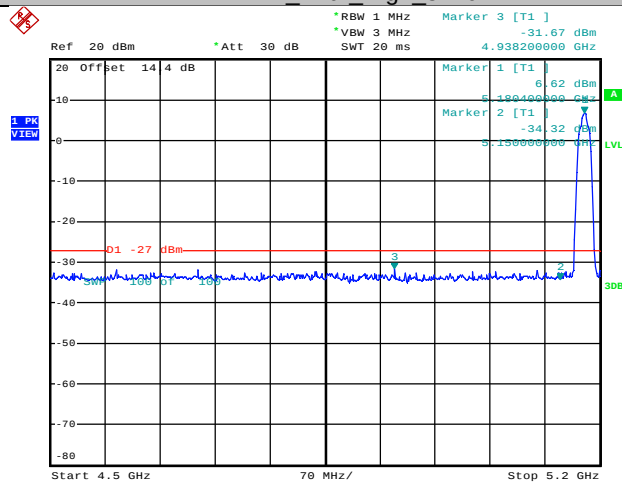
Date: 15.DEC.2023 16:42:55

11A_Ant1_Low_5180



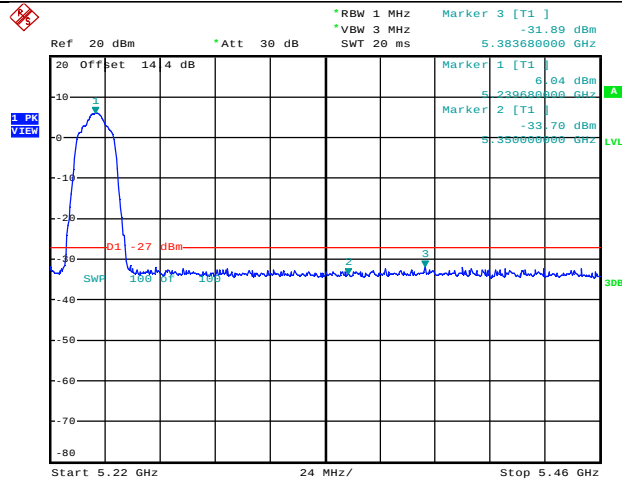
Date: 15.DEC.2023 16:47:10

11A_Ant1_High_5240



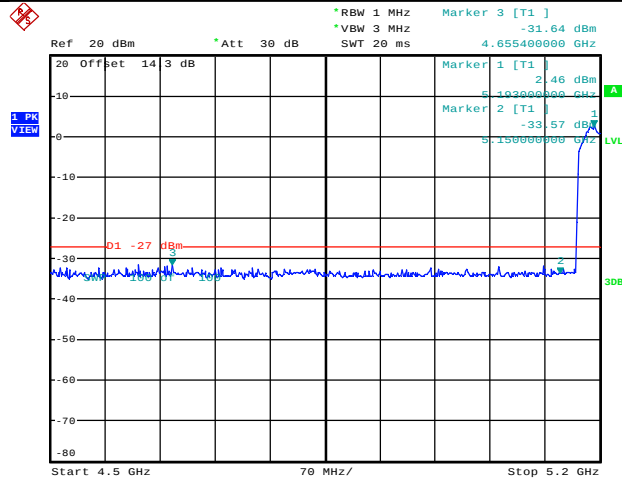
Date: 15.DEC.2023 17:00:57

11N20SISO_Ant1_Low_5180



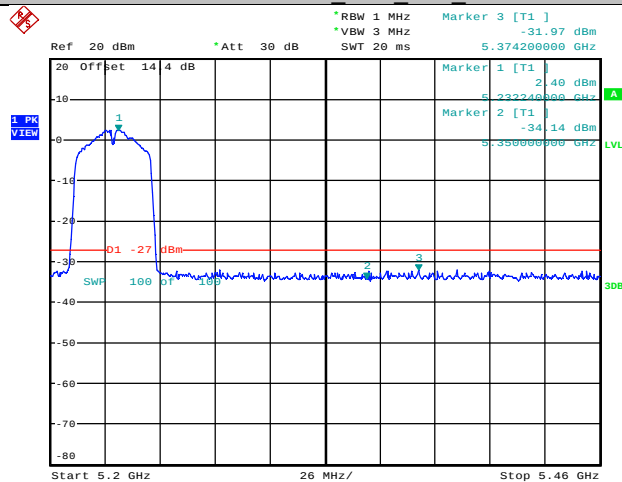
Date: 15.DEC.2023 17:05:48

11N20SISO Ant1_High_5240



Date: 15.DEC.2023 17:08:57

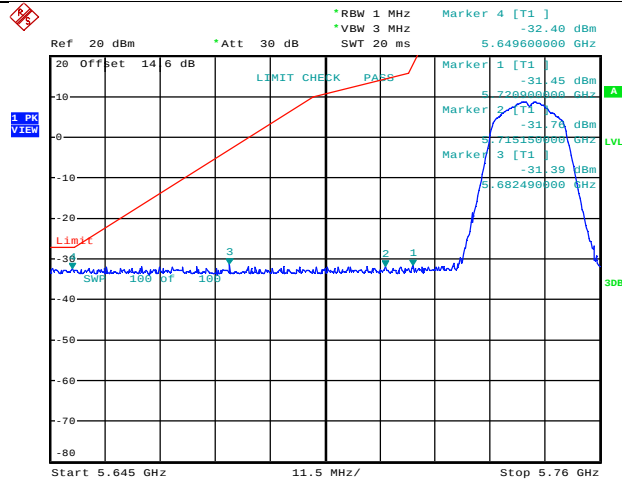
11N40SISO Ant1_Low_5190



Date: 15.DEC.2023 17:09:53

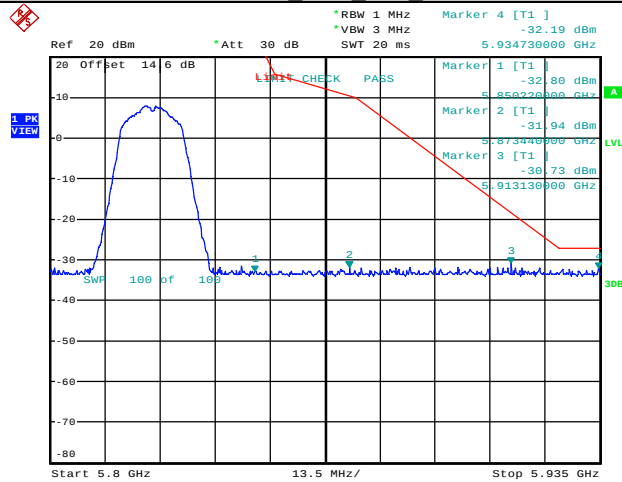
11N40SISO Ant1_High_5230

Test Graphs B4



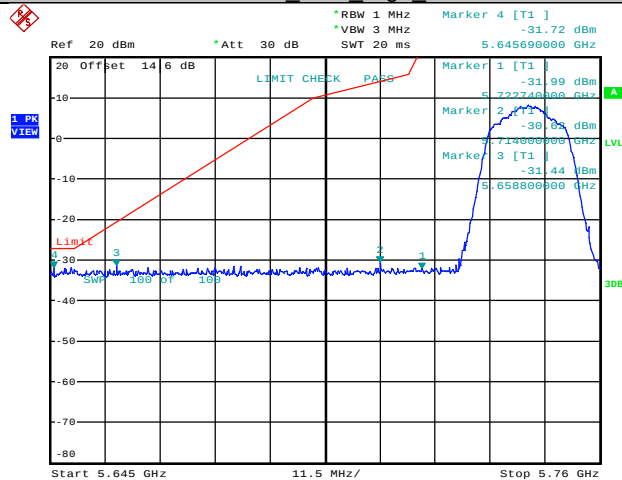
Date: 15.DEC.2023 16:48:40

11A Ant1 Low 5745



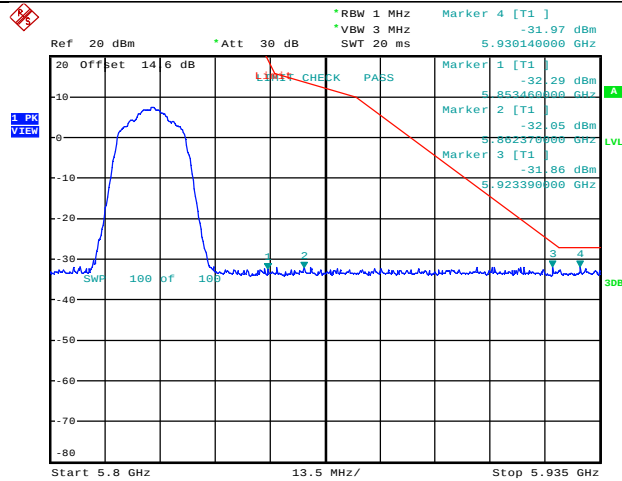
Date: 15.DEC.2023 16:58:57

11A Ant1 High 5825



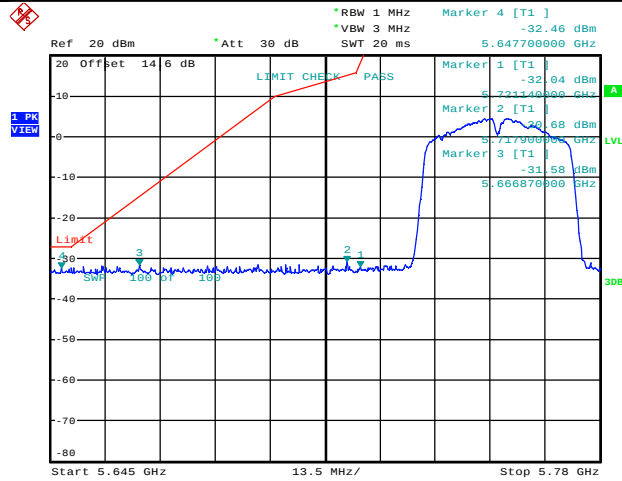
Date: 15.DEC.2023 17:06:34

11N20SISO_Ant1_Low_5745



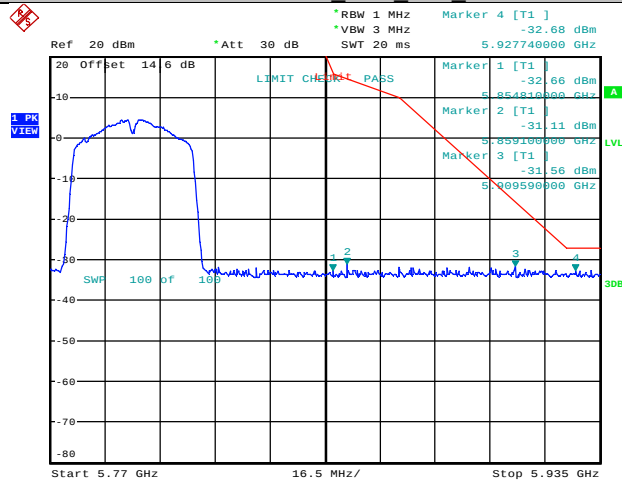
Date: 15.DEC.2023 17:07:53

11N20SISO Ant1 High 5825



Date: 15.DEC.2023 17:11:05

11N40SISO Ant1 Low 5755



Date: 15.DEC.2023 17:13:59

11N40SISO Ant1 High 5795

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

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	3147.1	-40.88	≤-27	PASS
			5360~40000	39930.72	-43.62	≤-27	PASS
		5200	30~5140	3034.68	-40.84	≤-27	PASS
			5360~40000	40000	-43.71	≤-27	PASS
		5240	30~5140	3668.32	-40.73	≤-27	PASS
			5360~40000	39930.72	-43.74	≤-27	PASS
		5745	30~5650	3143.48	-41.14	≤-27	PASS
			5925~40000	39931.85	-40.32	≤-27	PASS
		5785	30~5650	3109.76	-40.85	≤-27	PASS
			5925~40000	40000	-41.05	≤-27	PASS
		5825	30~5650	3177.2	-40.00	≤-27	PASS
			5925~40000	40000	-41.58	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	3279.96	-40.54	≤-27	PASS
			5360~40000	39930.72	-43.23	≤-27	PASS
		5200	30~5140	3259.52	-41.10	≤-27	PASS
			5360~40000	39861.44	-42.69	≤-27	PASS
		5240	30~5140	3065.34	-40.85	≤-27	PASS
			5360~40000	39861.44	-42.86	≤-27	PASS
		5745	30~5650	3109.76	-40.90	≤-27	PASS
			5925~40000	39931.85	-41.73	≤-27	PASS
		5785	30~5650	3053.56	-40.27	≤-27	PASS
			5925~40000	39863.7	-41.23	≤-27	PASS
		5825	30~5650	3121	-41.05	≤-27	PASS
			5925~40000	39863.7	-40.95	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	3085.78	-40.94	≤-27	PASS
			5360~40000	39930.72	-43.97	≤-27	PASS
		5230	30~5140	3106.22	-39.43	≤-27	PASS
			5360~40000	39861.44	-42.61	≤-27	PASS
		5755	30~5650	3121	-40.72	≤-27	PASS
			5925~40000	39931.85	-41.70	≤-27	PASS
		5795	30~5650	3154.72	-40.71	≤-27	PASS
			5925~40000	39863.7	-40.95	≤-27	PASS

**Appendix G: Frequency Stability
Test Result**

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	100000.00	19.305019	20	PASS
			LV	NT	100000.00	19.305019	20	PASS
			HV	NT	100000.00	19.305019	20	PASS
		5220	NV	NT	100000.00	19.157088	20	PASS
			LV	NT	100000.00	19.157088	20	PASS
			HV	NT	100000.00	19.157088	20	PASS
		5240	NV	NT	100000.00	19.083969	20	PASS
			LV	NT	100000.00	19.083969	20	PASS
			HV	NT	100000.00	19.083969	20	PASS
		5745	NV	NT	100000.00	17.406440	20	PASS
			LV	NT	100000.00	17.406440	20	PASS
			HV	NT	100000.00	17.406440	20	PASS
		5785	NV	NT	100000.00	17.286085	20	PASS
			LV	NT	100000.00	17.286085	20	PASS
			HV	NT	100000.00	17.286085	20	PASS
		5825	NV	NT	100000.00	17.167382	20	PASS
			LV	NT	100000.00	17.167382	20	PASS
			HV	NT	100000.00	17.167382	20	PASS
11N20SISO	Ant1	5180	NV	NT	100000.00	19.305019	20	PASS
			LV	NT	80000.00	15.444015	20	PASS
			HV	NT	100000.00	19.305019	20	PASS
		5220	NV	NT	100000.00	19.157088	20	PASS
			LV	NT	100000.00	19.157088	20	PASS
			HV	NT	100000.00	19.157088	20	PASS
		5240	NV	NT	100000.00	19.083969	20	PASS
			LV	NT	100000.00	19.157088	20	PASS
			HV	NT	80000.00	15.444015	20	PASS
		5745	NV	NT	100000.00	19.157088	20	PASS
			LV	NT	100000.00	19.157088	20	PASS
			HV	NT	80000.00	15.444015	20	PASS
		5785	NV	NT	80000.00	15.444015	20	PASS
			LV	NT	80000.00	15.444015	20	PASS
			HV	NT	60000.00	10.371651	20	PASS
		5825	NV	NT	80000.00	13.733906	20	PASS
			LV	NT	100000.00	17.167382	20	PASS
			HV	NT	100000.00	17.167382	20	PASS
11N40SISO	Ant1	5190	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	80000.00	15.414258	20	PASS
			HV	NT	40000.00	7.707129	20	PASS
		5230	NV	NT	100000.00	19.305019	20	PASS
			LV	NT	40000.00	7.707129	20	PASS
			HV	NT	100000.00	19.305019	20	PASS
		5755	NV	NT	40000.00	7.707129	20	PASS
			LV	NT	100000.00	19.305019	20	PASS
			HV	NT	80000.00	15.414258	20	PASS
		5795	NV	NT	80000.00	13.805004	20	PASS
			LV	NT	80000.00	13.805004	20	PASS
			HV	NT	80000.00	15.414258	20	PASS

Temperature								
TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	100000.00	19.305019	20	PASS
			NV	-20	100000.00	19.305019	20	PASS
			NV	-10	100000.00	19.305019	20	PASS
			NV	0	100000.00	19.305019	20	PASS
			NV	10	100000.00	19.305019	20	PASS
			NV	20	100000.00	19.305019	20	PASS
			NV	30	100000.00	19.305019	20	PASS
			NV	40	80000.00	15.444015	20	PASS
			NV	50	100000.00	19.305019	20	PASS
		5220	NV	-30	100000.00	19.157088	20	PASS
			NV	-20	100000.00	19.157088	20	PASS
			NV	-20	100000.00	19.157088	20	PASS

			NV	-10	100000.00	19.157088	20	PASS
			NV	0	100000.00	19.157088	20	PASS
			NV	10	100000.00	19.157088	20	PASS
			NV	20	100000.00	19.157088	20	PASS
			NV	30	100000.00	19.157088	20	PASS
			NV	40	100000.00	19.157088	20	PASS
			NV	50	100000.00	19.157088	20	PASS
		5240	NV	-30	100000.00	19.083969	20	PASS
			NV	-20	100000.00	19.083969	20	PASS
			NV	-10	100000.00	19.083969	20	PASS
			NV	0	100000.00	19.083969	20	PASS
			NV	10	100000.00	19.083969	20	PASS
			NV	20	100000.00	19.083969	20	PASS
			NV	30	100000.00	19.083969	20	PASS
			NV	40	80000.00	15.267176	20	PASS
			NV	50	100000.00	19.083969	20	PASS
		5745	NV	-30	100000.00	17.406440	20	PASS
			NV	-20	100000.00	17.406440	20	PASS
			NV	-10	100000.00	17.406440	20	PASS
			NV	0	100000.00	17.406440	20	PASS
			NV	10	100000.00	17.406440	20	PASS
			NV	20	100000.00	17.406440	20	PASS
			NV	30	100000.00	17.406440	20	PASS
			NV	40	100000.00	17.406440	20	PASS
			NV	50	100000.00	17.406440	20	PASS
		5785	NV	-30	100000.00	17.286085	20	PASS
			NV	-20	100000.00	17.286085	20	PASS
			NV	-10	100000.00	17.286085	20	PASS
			NV	0	100000.00	17.286085	20	PASS
			NV	10	100000.00	17.286085	20	PASS
			NV	20	100000.00	17.286085	20	PASS
			NV	30	100000.00	17.286085	20	PASS
			NV	40	100000.00	17.286085	20	PASS
			NV	50	100000.00	17.286085	20	PASS
		5825	NV	-30	100000.00	17.167382	20	PASS
			NV	-20	100000.00	17.167382	20	PASS
			NV	-10	100000.00	17.167382	20	PASS
			NV	0	100000.00	17.167382	20	PASS
			NV	10	100000.00	17.167382	20	PASS
			NV	20	100000.00	17.167382	20	PASS
			NV	30	100000.00	17.167382	20	PASS
			NV	40	100000.00	17.167382	20	PASS
			NV	50	100000.00	17.167382	20	PASS
11N20SISO	Ant1	5180	NV	-30	100000.00	19.305019	20	PASS
			NV	-20	80000.00	15.444015	20	PASS
			NV	-10	80000.00	15.444015	20	PASS
			NV	0	100000.00	19.305019	20	PASS
			NV	10	80000.00	15.444015	20	PASS
			NV	20	100000.00	19.305019	20	PASS
			NV	30	80000.00	15.444015	20	PASS
			NV	40	100000.00	19.157088	20	PASS
			NV	50	80000.00	15.444015	20	PASS
		5220	NV	-30	100000.00	19.157088	20	PASS
			NV	-20	80000.00	15.444015	20	PASS
			NV	-10	100000.00	19.157088	20	PASS
			NV	0	100000.00	19.157088	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	40000.00	7.707129	20	PASS
			NV	30	80000.00	15.444015	20	PASS
			NV	40	100000.00	19.157088	20	PASS
			NV	50	100000.00	19.157088	20	PASS
		5240	NV	-30	100000.00	19.083969	20	PASS
			NV	-20	100000.00	19.083969	20	PASS
			NV	-10	100000.00	19.083969	20	PASS
			NV	0	100000.00	19.083969	20	PASS
			NV	10	80000.00	15.444015	20	PASS
			NV	20	100000.00	19.083969	20	PASS

			NV	30	100000.00	19.083969	20	PASS
			NV	40	100000.00	19.083969	20	PASS
			NV	50	100000.00	19.083969	20	PASS
		5745	NV	-30	80000.00	15.444015	20	PASS
			NV	-20	100000.00	17.406440	20	PASS
			NV	-10	100000.00	17.406440	20	PASS
			NV	0	100000.00	17.406440	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	40000.00	7.707129	20	PASS
			NV	30	100000.00	17.406440	20	PASS
			NV	40	100000.00	17.406440	20	PASS
			NV	50	100000.00	17.406440	20	PASS
			NV	-30	40000.00	7.707129	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
		5785	NV	-10	100000.00	17.406440	20	PASS
			NV	0	100000.00	17.406440	20	PASS
			NV	10	40000.00	7.707129	20	PASS
			NV	20	100000.00	17.406440	20	PASS
			NV	30	100000.00	17.406440	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	100000.00	17.286085	20	PASS
			NV	-30	40000.00	7.707129	20	PASS
		5825	NV	-20	100000.00	17.167382	20	PASS
			NV	-10	100000.00	17.167382	20	PASS
			NV	0	80000.00	13.805004	20	PASS
			NV	10	80000.00	13.805004	20	PASS
			NV	20	100000.00	17.167382	20	PASS
			NV	30	80000.00	13.805004	20	PASS
			NV	40	100000.00	17.167382	20	PASS
			NV	50	100000.00	17.167382	20	PASS
11N40SISO	Ant1	5190	NV	-30	100000.00	17.167382	20	PASS
			NV	-20	40000.00	7.707129	20	PASS
			NV	-10	40000.00	7.707129	20	PASS
			NV	0	100000.00	17.167382	20	PASS
			NV	10	100000.00	17.167382	20	PASS
			NV	20	100000.00	17.406440	20	PASS
			NV	30	100000.00	17.406440	20	PASS
			NV	40	100000.00	17.406440	20	PASS
			NV	50	80000.00	13.805004	20	PASS
		5230	NV	-30	100000.00	17.406440	20	PASS
			NV	-20	40000.00	6.950478	20	PASS
			NV	-10	-40000.00	-7.648184	20	PASS
			NV	0	80000.00	13.805004	20	PASS
			NV	10	100000.00	17.406440	20	PASS
			NV	20	40000.00	6.950478	20	PASS
			NV	30	80000.00	13.805004	20	PASS
			NV	40	80000.00	13.805004	20	PASS
			NV	50	100000.00	17.406440	20	PASS
		5755	NV	-30	100000.00	17.406440	20	PASS
			NV	-20	80000.00	13.805004	20	PASS
			NV	-10	80000.00	13.805004	20	PASS
			NV	0	100000.00	17.406440	20	PASS
			NV	10	40000.00	6.950478	20	PASS
			NV	20	40000.00	6.950478	20	PASS
			NV	30	80000.00	13.805004	20	PASS
			NV	40	40000.00	6.950478	20	PASS
			NV	50	40000.00	6.950478	20	PASS
		5795	NV	-30	80000.00	13.805004	20	PASS
			NV	-20	100000.00	17.406440	20	PASS
			NV	-10	40000.00	6.950478	20	PASS
			NV	0	80000.00	13.805004	20	PASS
			NV	10	80000.00	13.805004	20	PASS
			NV	20	100000.00	17.406440	20	PASS
			NV	30	80000.00	13.805004	20	PASS
			NV	40	40000.00	7.707129	20	PASS
			NV	50	80000.00	13.805004	20	PASS

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

Restricted Frequency Bands Data: Band 1_5150~5250MHz

802.11a_CH 36										
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
4505.600	41.90	28.10	10.10	52.00	38.20	Horiz./	74.00	54.00	-22.00	-15.80
4500.000	42.06	28.13	10.10	52.16	38.23	Vert.	74.00	54.00	-21.84	-15.77
5150.000	36.65	24.63	12.90	49.55	37.53	Horiz./	74.00	54.00	-24.45	-16.47
5150.000	36.41	24.56	12.90	49.31	37.46	Vert.	74.00	54.00	-24.69	-16.54
802.11a_CH 48										
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
5378.400	37.97	24.86	12.90	50.87	37.76	Horiz./	74.00	54.00	-23.13	-16.24
5373.600	37.92	25.24	12.90	50.82	38.14	Vert.	74.00	54.00	-23.18	-15.86
5460.000	36.56	24.89	12.90	49.46	37.79	Horiz./	74.00	54.00	-24.54	-16.21
5460.000	37.35	25.42	12.90	50.25	38.32	Vert.	74.00	54.00	-23.75	-15.68
802.11n HT20_CH 36										
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
4500.000	38.70	27.41	10.10	48.80	37.51	Horiz./	74.00	54.00	-25.20	-16.49
4500.000	38.40	27.52	10.10	48.50	37.62	Vert.	74.00	54.00	-25.50	-16.38
5150.000	37.29	24.78	12.90	50.19	37.68	Horiz./	74.00	54.00	-23.81	-16.32
5150.000	37.34	24.97	12.90	50.24	37.87	Vert.	74.00	54.00	-23.76	-16.13
802.11n HT20_CH 48										
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
5374.080	37.96	24.22	12.90	50.86	37.12	Horiz./	74.00	54.00	-23.14	-16.88
5372.160	37.97	24.92	12.90	50.87	37.82	Vert.	74.00	54.00	-23.13	-16.18
5460.000	36.46	24.07	12.90	49.36	36.97	Horiz./	74.00	54.00	-24.64	-17.03
5460.000	36.99	24.86	12.90	49.89	37.76	Vert.	74.00	54.00	-24.11	-16.24
802.11n HT40_CH 38										
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
4500.000	38.59	27.81	10.10	48.69	37.91	Horiz./	74.00	54.00	-25.31	-16.09
4500.000	38.79	28.11	10.10	48.89	38.21	Vert.	74.00	54.00	-25.11	-15.79
5145.400	37.56	25.25	12.90	50.46	38.15	Horiz./	74.00	54.00	-23.54	-15.85
5150.000	37.75	25.89	12.90	50.65	38.79	Vert.	74.00	54.00	-23.35	-15.21
802.11n HT40_CH 46										
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
5413.720	37.30	24.66	12.90	50.20	37.56	Horiz./	74.00	54.00	-23.80	-16.44
5350.000	37.94	24.07	12.90	50.84	36.97	Vert.	74.00	54.00	-23.16	-17.03
5460.000	38.02	24.43	12.90	50.92	37.33	Horiz./	74.00	54.00	-23.08	-16.67
5460.000	36.52	24.99	12.90	49.42	37.89	Vert.	74.00	54.00	-24.58	-16.11

Restricted Frequency Bands Data: Band 4_5725~5850MHz

802.11a_CH 149										
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
5650.000	36.17	-	13.10	49.27	-	Horiz./	68.20	-	-18.93	-
5650.000	36.26	-	13.10	49.36	-	Vert.	68.20	-	-18.84	-
5720.000	37.57	-	13.10	50.67	-	Horiz./	110.80	-	-60.13	-
5700.000	37.62	-	13.10	50.72	-	Vert.	105.20	-	-54.48	-
802.11a_CH 165										
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
5850.000	36.72	-	13.10	49.82	-	Horiz./	122.20	-	-72.38	-
5855.000	36.87	-	13.10	49.97	-	Vert.	110.80	-	-60.83	-
5875.000	35.83	-	13.10	48.93	-	Horiz./	105.20	-	-56.27	-
5925.000	35.89	-	13.10	48.99	-	Vert.	68.20	-	-19.21	-
802.11n HT20_CH 149										
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
5650.000	36.55	-	13.10	49.65	-	Horiz./	68.20	-	-18.55	-
5700.000	36.82	-	13.10	49.92	-	Vert.	105.20	-	-55.28	-
5720.000	37.13	-	13.10	50.23	-	Horiz./	110.80	-	-60.57	-
5725.000	37.51	-	13.10	50.61	-	Vert.	122.20	-	-71.59	-
802.11n HT20_CH 165										
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
5850.000	36.23	-	13.10	49.33	-	Horiz./	122.20	-	-72.87	-
5855.000	35.91	-	13.10	49.01	-	Vert.	110.80	-	-61.79	-
5875.000	35.68	-	13.10	48.78	-	Horiz./	105.20	-	-56.42	-
5925.000	36.57	-	13.10	49.67	-	Vert.	68.20	-	-18.53	-
802.11n HT40_CH 151										
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
5650.000	36.02	-	13.10	49.12	-	Horiz./	68.20	-	-19.08	-
5700.000	36.43	-	13.10	49.53	-	Vert.	105.20	-	-55.67	-
5720.000	36.36	-	13.10	49.46	-	Horiz./	110.80	-	-61.34	-
5725.000	36.55	-	13.10	49.65	-	Vert.	122.20	-	-72.55	-
802.11n HT40_CH 159										
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
5850.000	36.73	-	13.10	49.83	-	Horiz./	122.20	-	-72.37	-
5855.000	36.57	-	13.10	49.67	-	Vert.	110.80	-	-61.13	-
5875.000	37.02	-	13.10	50.12	-	Horiz./	105.20	-	-55.08	-
5925.000	35.26	-	13.10	48.36	-	Vert.	68.20	-	-19.84	-
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: Band 1_5150~5250MHz

802.11a_CH 36										
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
10360.000	22.50	-	24.00	46.50	-	Horiz./	68.2	-	-21.70	-
10360.000	24.13	-	24.00	48.13	-	Vert.	68.2	-	-20.07	-
15540.000	15.98	-	31.10	47.08	-	Horiz./	74.0	-	-26.92	-
15540.000	16.01	-	31.10	47.11	-	Vert.	74.0	-	-26.89	-
802.11a_CH 40										
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
10440.000	24.44	-	24.00	48.44	-	Horiz./	68.2	-	-19.76	-
10440.000	24.25	-	24.00	48.25	-	Vert.	68.2	-	-19.95	-
15660.000	16.28	-	31.10	47.38	-	Horiz./	74.0	-	-26.62	-
15660.000	17.38	-	31.10	48.48	-	Vert.	74.0	-	-25.52	-
802.11a_CH 48										
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
10480.000	22.21	-	24.00	46.21	-	Horiz./	68.2	-	-21.99	-
10480.000	24.02	-	24.00	48.02	-	Vert.	68.2	-	-20.18	-
15720.000	16.73	-	31.10	47.83	-	Horiz./	74.0	-	-26.17	-
15720.000	17.56	-	31.10	48.66	-	Vert.	74.0	-	-25.34	-

802.11n HT20_CH 36										
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
10360.000	23.40	-	24.00	47.40	-	Horiz./	74.0	-	-26.60	-
10360.000	23.66	-	24.00	47.66	-	Vert.	74.0	-	-26.34	-
15540.000	16.04	-	31.10	47.14	-	Horiz./	74.0	-	-26.86	-
15540.000	16.46	-	31.10	47.56	-	Vert.	74.0	-	-26.44	-
802.11n HT20_CH 40										
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
10400.000	23.63	-	24.00	47.63	-	Horiz./	68.2	-	-20.57	-
10400.000	23.84	-	24.00	47.84	-	Vert.	68.2	-	-20.36	-
15600.000	15.86	-	31.10	46.96	-	Horiz./	74.0	-	-27.04	-
15600.000	18.11	-	31.10	49.21	-	Vert.	74.0	-	-24.79	-
802.11n HT20_CH 48										
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
10480.000	24.70	-	24.00	48.70	-	Horiz./	74.0	-	-25.30	-
10480.000	26.99	-	24.00	50.99	-	Vert.	74.0	-	-23.01	-
15720.000	17.86	-	31.10	48.96	-	Horiz./	74.0	-	-25.04	-
15720.000	20.17	-	31.10	51.27	-	Vert.	74.0	-	-22.73	-

802.11n HT40_CH 38										
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
10380.000	22.63	-	24.00	46.63	-	Horiz./	68.2	-	-21.57	-
10380.000	23.81	-	24.00	47.81	-	Vert.	68.2	-	-20.39	-
15570.000	15.20	-	31.10	46.30	-	Horiz./	74.0	-	-27.70	-
15570.000	15.59	-	31.10	46.69	-	Vert.	74.0	-	-27.31	-
802.11n HT40_CH 46										
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
10460.000	23.10	-	24.00	47.10	-	Horiz./	68.2	-	-21.10	-
10460.000	24.26	-	24.00	48.26	-	Vert.	68.2	-	-19.94	-
15690.000	15.94	-	31.10	47.04	-	Horiz./	74.0	-	-26.96	-
15690.000	17.53	-	31.10	48.63	-	Vert.	74.0	-	-25.37	-

Harmonics Radiated Emission Data: Band 4_5725~5850MHz

802.11a_CH 149										
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
11490.000	23.50	-	25.10	48.60	-	Horiz./	74.0	-	-25.40	-
11490.000	23.45	-	25.10	48.55	-	Vert.	74.0	-	-25.45	-
17235.000	14.78	-	33.20	47.98	-	Horiz./	74.0	-	-26.02	-
17235.000	14.82	-	33.20	48.02	-	Vert.	74.0	-	-25.98	-
802.11a_CH 157										
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
11570.000	23.90	-	25.20	49.10	-	Horiz./	74.0	-	-24.90	-
11570.000	23.92	-	25.20	49.12	-	Vert.	74.0	-	-24.88	-
17355.000	15.52	-	33.20	48.72	-	Horiz./	74.0	-	-25.28	-
17355.000	16.13	-	33.20	49.33	-	Vert.	74.0	-	-24.67	-
802.11a_CH 165										
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
11650.000	24.09	-	25.20	49.29	-	Horiz./	74.0	-	-24.71	-
11650.000	23.35	-	25.20	48.55	-	Vert.	74.0	-	-25.45	-
17475.000	15.59	-	33.20	48.79	-	Horiz./	74.0	-	-25.21	-
17475.000	16.00	-	33.20	49.20	-	Vert.	74.0	-	-24.80	-

802.11n HT20_CH 149										
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
11490.000	24.01	-	25.10	49.11	-	Horiz./	74.0	-	-24.89	-
11490.000	23.63	-	25.10	48.73	-	Vert.	74.0	-	-25.27	-
17235.000	16.21	-	33.20	49.41	-	Horiz./	74.0	-	-24.59	-
17235.000	15.44	-	33.20	48.64	-	Vert.	74.0	-	-25.36	-
802.11n HT20_CH 157										
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
11570.000	23.30	-	25.20	48.50	-	Horiz./	74.0	-	-25.50	-
11570.000	24.51	-	25.20	49.71	-	Vert.	74.0	-	-24.29	-
17355.000	15.82	-	33.20	49.02	-	Horiz./	74.0	-	-24.98	-
17355.000	16.13	-	33.20	49.33	-	Vert.	74.0	-	-24.67	-
802.11n HT20_CH 165										
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
11650.000	24.04	-	25.20	49.24	-	Horiz./	74.0	-	-24.76	-
11650.000	23.26	-	25.20	48.46	-	Vert.	74.0	-	-25.54	-
17475.000	15.84	-	33.20	49.04	-	Horiz./	74.0	-	-24.96	-
17475.000	15.91	-	33.20	49.11	-	Vert.	74.0	-	-24.89	-

802.11n HT40_CH 151										
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
11510.000	24.01	-	25.10	49.11	-	Horiz./	74.0	-	-24.89	-
11510.000	24.13	-	25.10	49.23	-	Vert.	74.0	-	-24.77	-
17265.000	15.98	-	33.20	49.18	-	Horiz./	74.0	-	-24.82	-
17265.000	16.31	-	33.20	49.51	-	Vert.	74.0	-	-24.49	-
802.11n HT40_CH 159										
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
11590.000	24.19	-	25.20	49.39	-	Horiz./	74.0	-	-24.61	-
11590.000	24.43	-	25.20	49.63	-	Vert.	74.0	-	-24.37	-
17385.000	15.95	-	33.20	49.15	-	Horiz./	74.0	-	-24.85	-
17385.000	16.53	-	33.20	49.73	-	Vert.	74.0	-	-24.27	-

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.

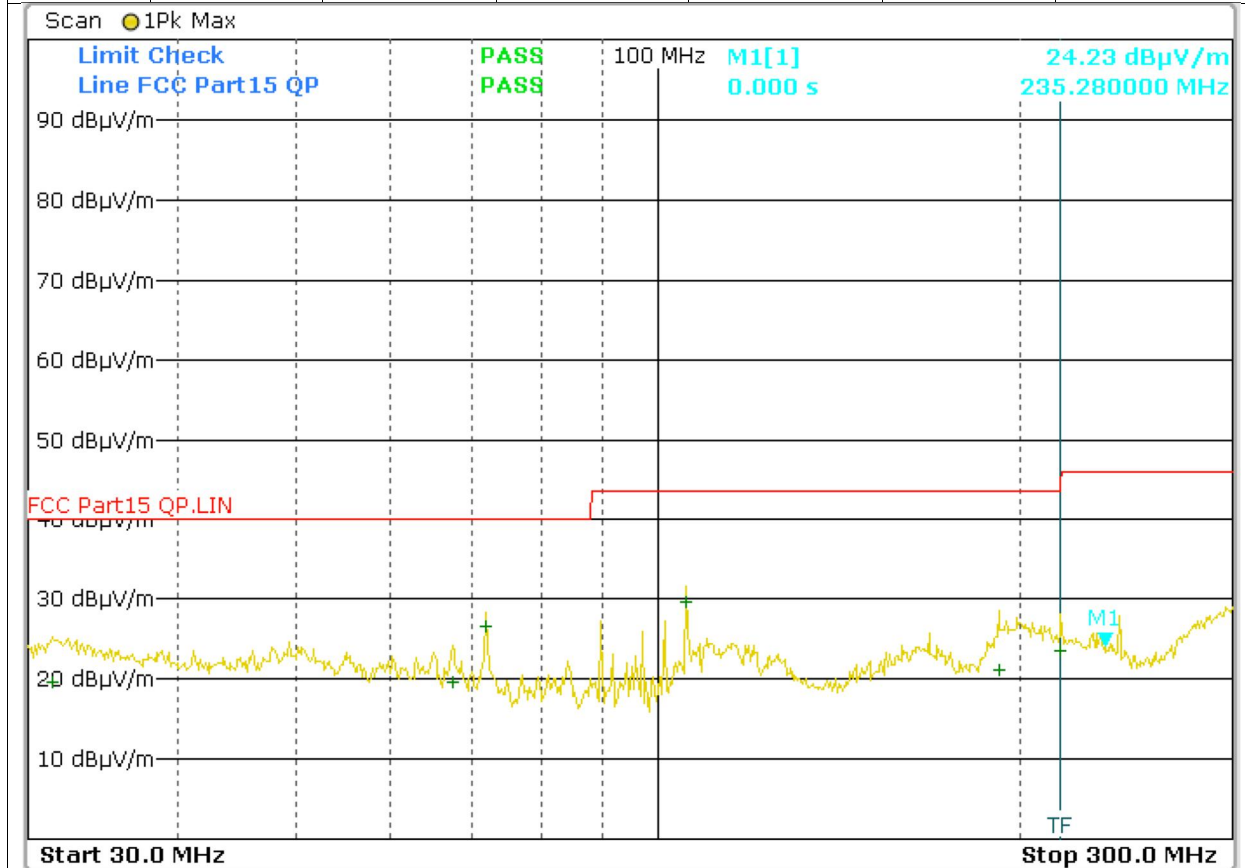
**General Radiated Emission Data
For Frequency below 30MHz**

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.
--------------	---

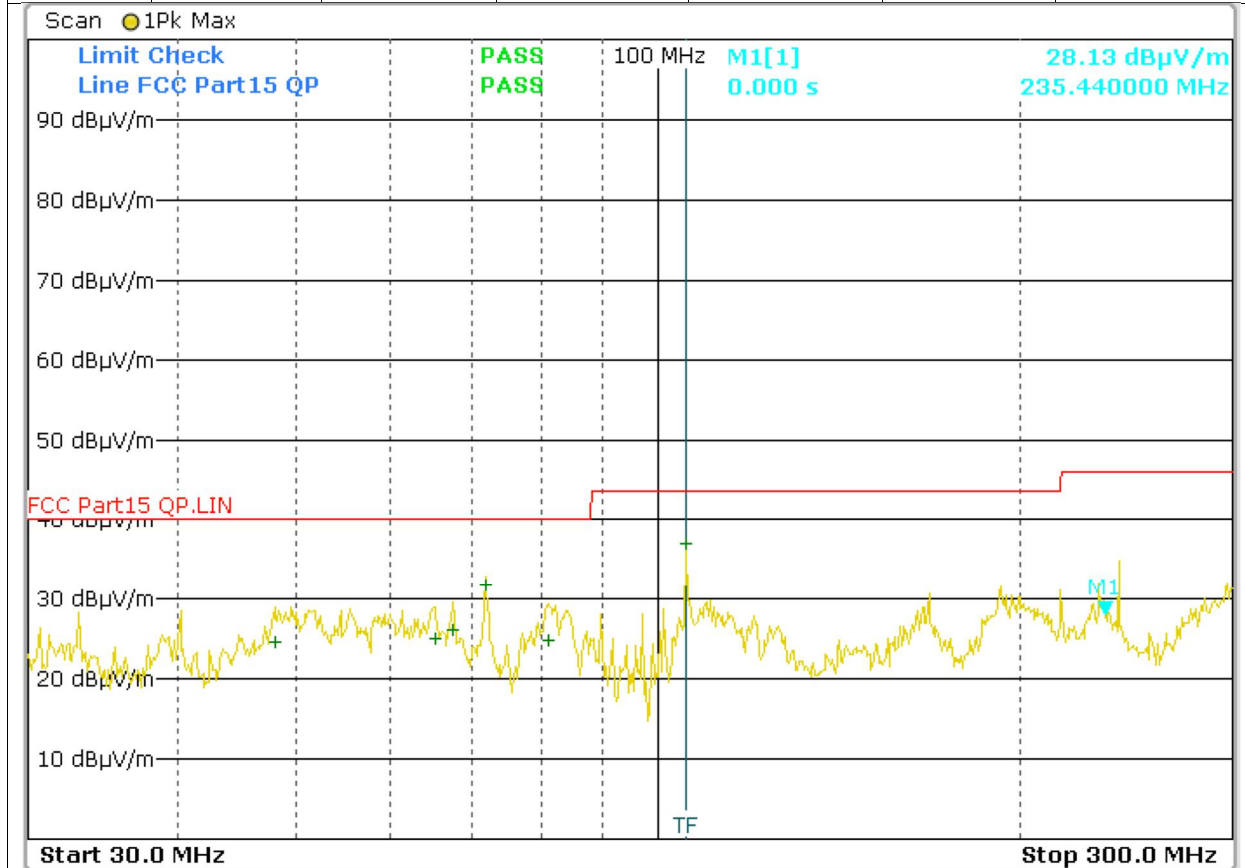
For Frequency from 30MHz to 1GHz

☑ 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)
31.480	7.61	12.06	19.67	H	40.0	-20.33
67.560	10.90	8.81	19.71	H	40.0	-20.29
72.000	17.28	7.24	24.52	H	40.0	-15.48
105.680	18.97	8.67	27.64	H	43.5	-15.86
192.000	7.31	13.87	21.18	H	43.5	-22.32
216.000	5.26	18.19	23.45	H	43.5	-20.05



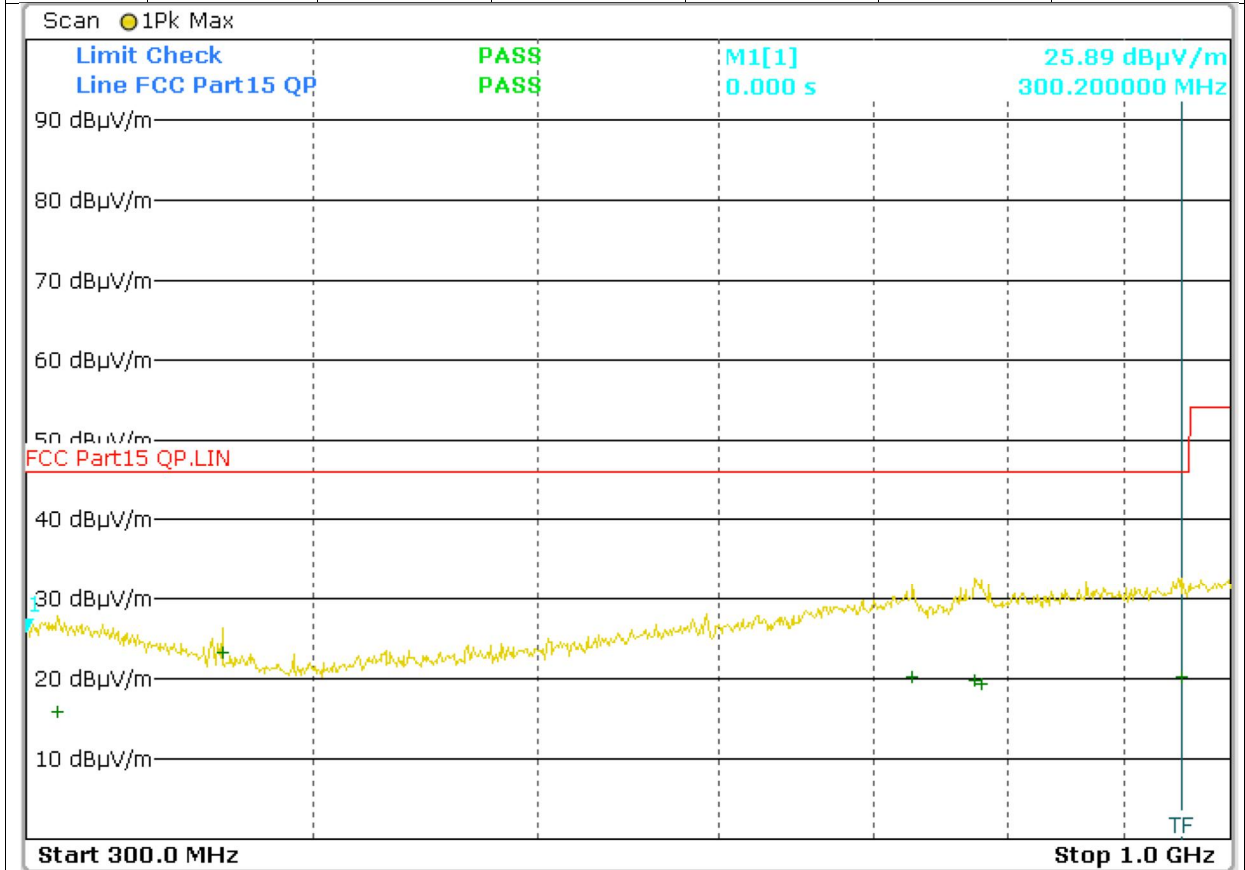
For Frequency from 30MHz to 1GHz

☒ 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)
48.080	13.42	11.09	24.51	V	40.0	-15.49
65.360	16.17	8.81	24.98	V	40.0	-15.02
67.560	16.28	8.81	25.09	V	40.0	-14.91
72.000	20.50	7.24	27.74	V	40.0	-12.26
81.040	17.38	7.43	24.81	V	40.0	-15.19
105.680	22.32	8.67	30.99	V	43.5	-12.51



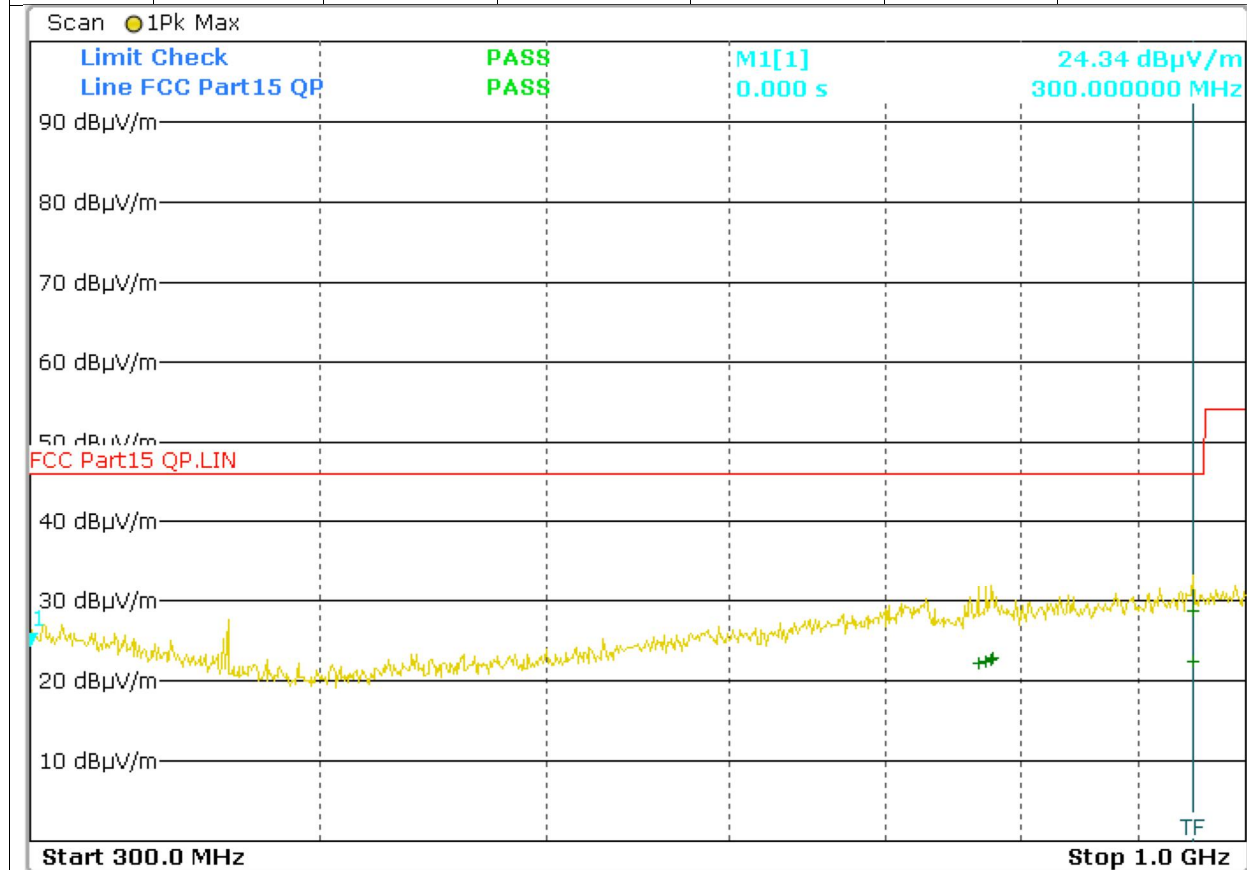
For Frequency from 30MHz to 1GHz

☑ 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)
309.480	-4.97	20.91	15.94	H	46.0	-30.06
365.000	2.46	20.91	23.37	H	46.0	-22.63
727.840	-0.52	20.89	20.37	H	46.0	-25.63
774.920	-1.08	20.89	19.81	H	46.0	-26.19
779.320	-1.53	20.89	19.36	H	46.0	-26.64
953.160	-2.68	22.99	20.31	H	46.0	-25.69



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)
767.240	1.36	20.89	22.25	V	46.0	-23.75
773.240	1.65	20.89	22.54	V	46.0	-23.46
777.680	1.86	20.89	22.75	V	46.0	-23.25
778.000	1.94	20.89	22.83	V	46.0	-23.17
948.400	5.85	22.99	28.84	V	46.0	-17.16
948.600	-0.65	22.99	22.34	V	46.0	-23.66



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-----