

CQASZ20260701422E-02

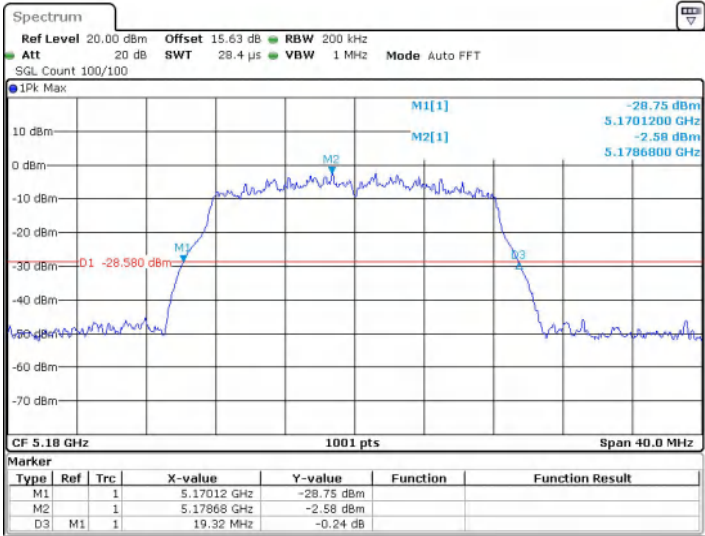
Appendix A1: Emission Bandwidth

Test Result

TestMode	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	5180	19.32	5170.12	5189.44	---	---
	5200	19.76	5190.08	5209.84	---	---
	5240	19.32	5230.44	5249.76	---	---
11N20SISO	5180	19.84	5170.04	5189.88	---	---
	5200	20.00	5190.08	5210.08	---	---
	5240	20.08	5230.00	5250.08	---	---
11N40SISO	5190	40.56	5169.84	5210.40	---	---
	5230	40.80	5209.68	5250.48	---	---
11AC20SISO	5180	20.08	5170.04	5190.12	---	---
	5200	20.16	5189.80	5209.96	---	---
	5240	20.20	5229.88	5250.08	---	---
11AC40SISO	5190	40.32	5169.76	5210.08	---	---
	5230	40.56	5209.68	5250.24	---	---
11AC80SISO	5210	80.00	5170.00	5250.00	---	---

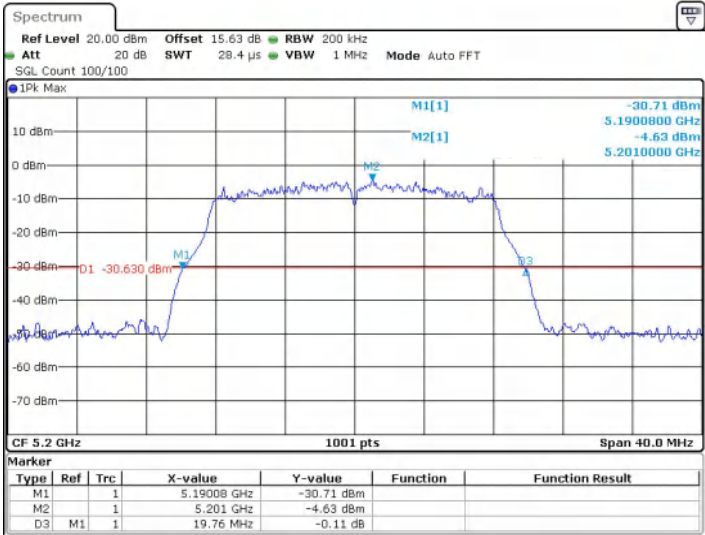
Test Graphs

11A_Ant1_5180



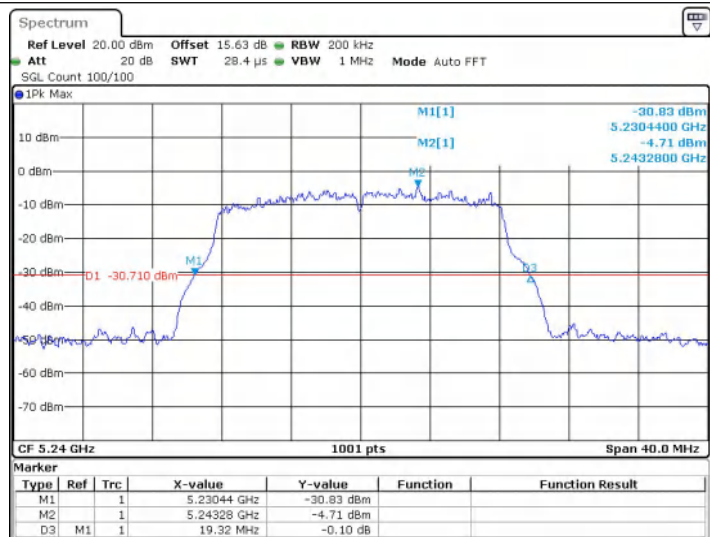
Date: 22 JUL 2026 16:38:23

11A_Ant1_5200



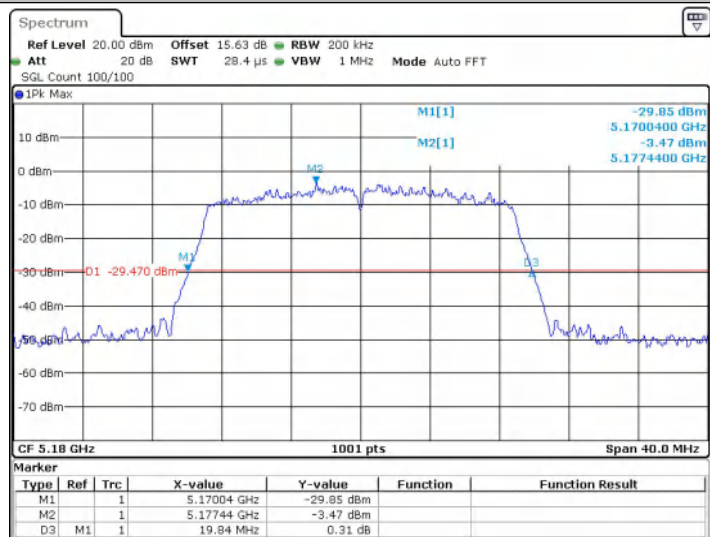
Date: 22 JUL 2026 16:40:00

11A_Ant1_5240



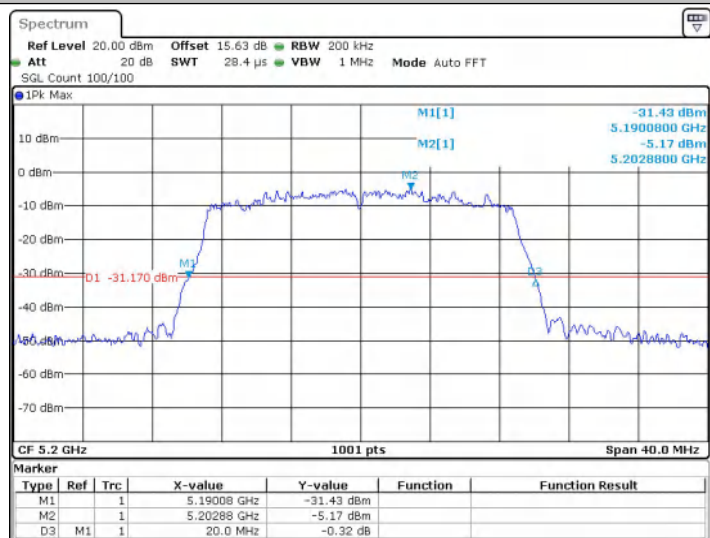
Date: 22 JUL 2026 16:41:06

11N20SISO_Ant1_5180



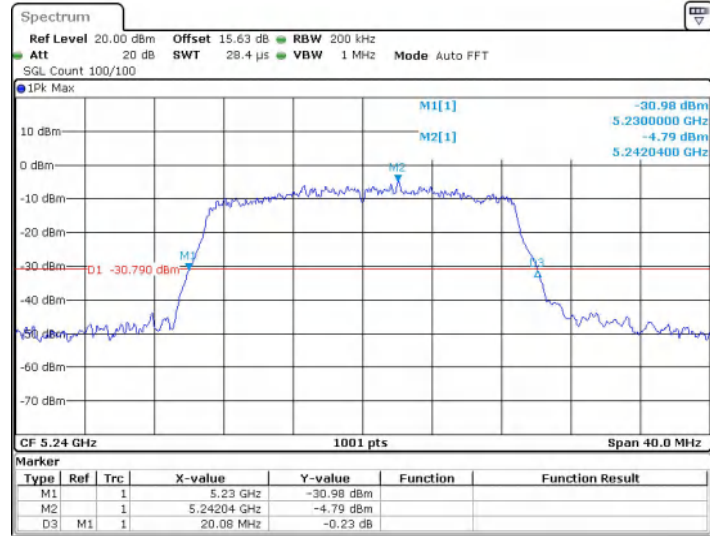
Date: 22 JUL 2026 16:42:57

11N20SISO_Ant1_5200



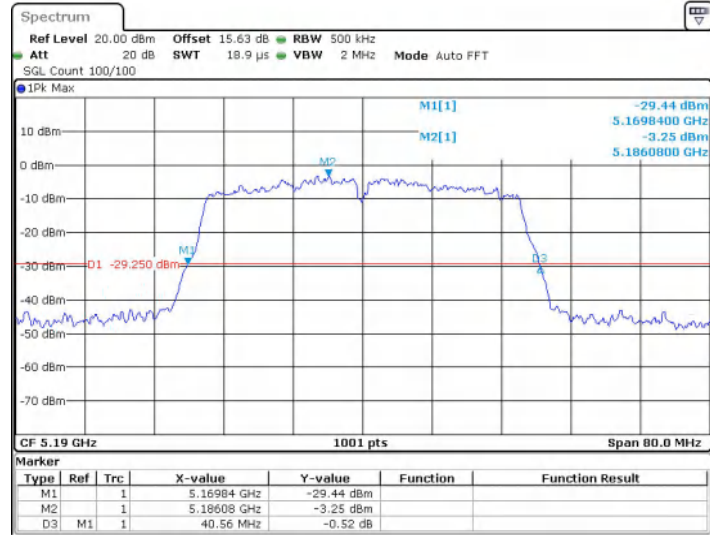
Date: 22 JUL 2026 16:44:28

11N20SISO_Ant1_5240



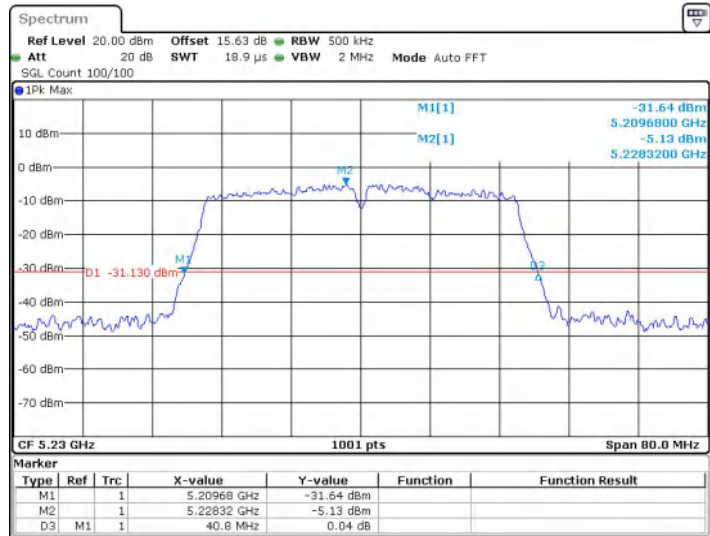
Date: 22 JUL 2026 16:52:32

11N40SISO_Ant1_5190



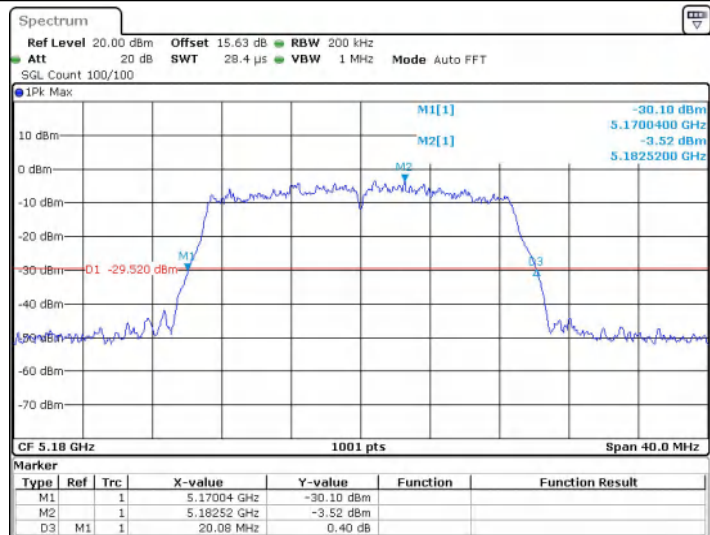
Date: 22 JUL 2026 16:55:39

11N40SISO_Ant1_5230



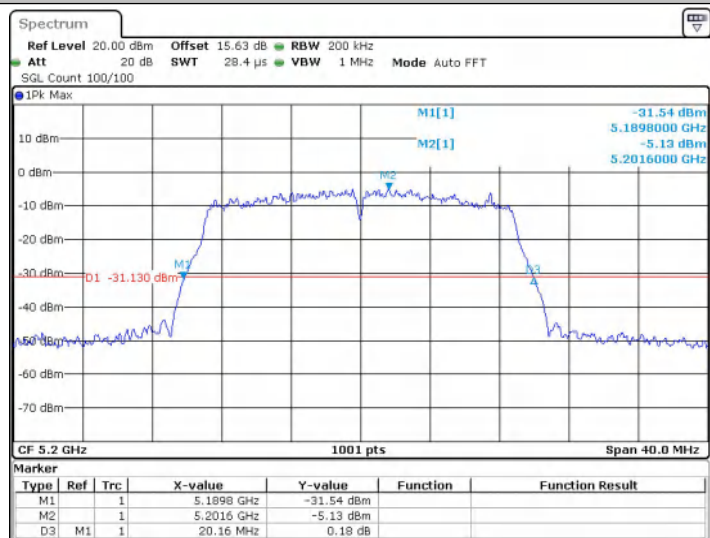
Date: 22 JUL 2026 16:58:13

11AC20SISO_Ant1_5180



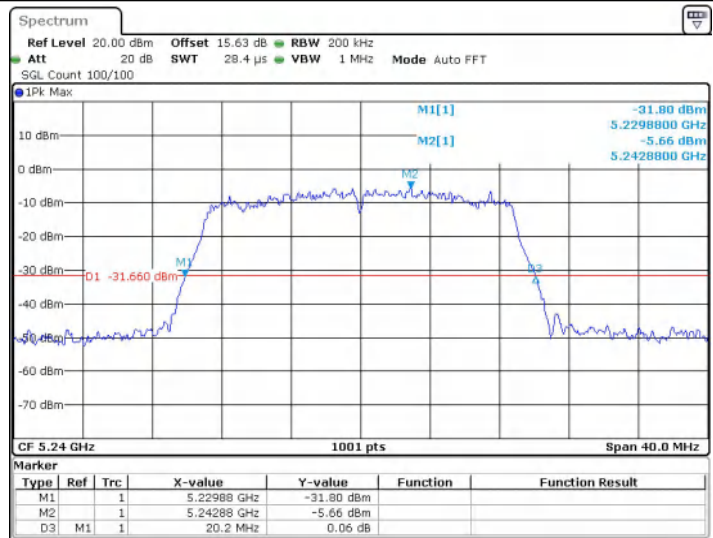
Date: 22 JUL 2026 17:00:50

11AC20SISO_Ant1_5200



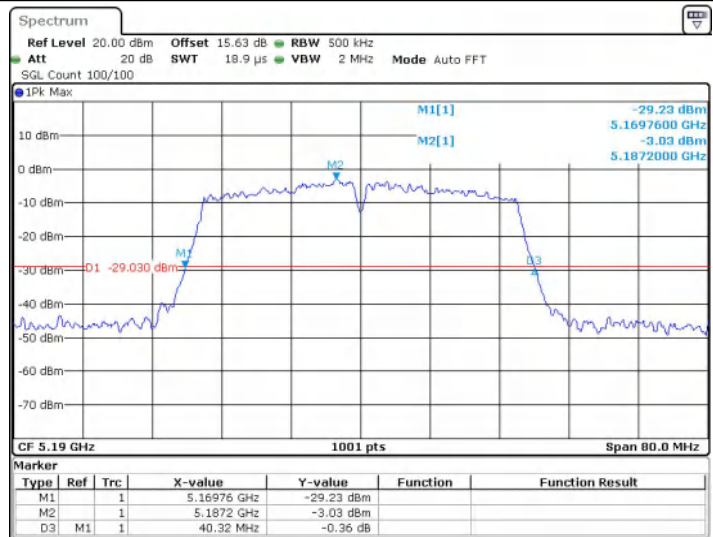
Date: 22 JUL 2026 17:02:27

11AC20SISO_Ant1_5240



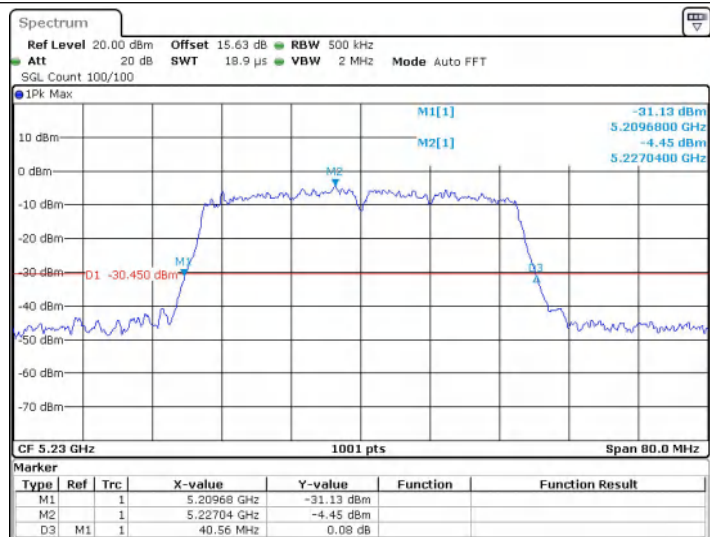
Date: 22 JUL 2026 17:04:23

11AC40SISO_Ant1_5190



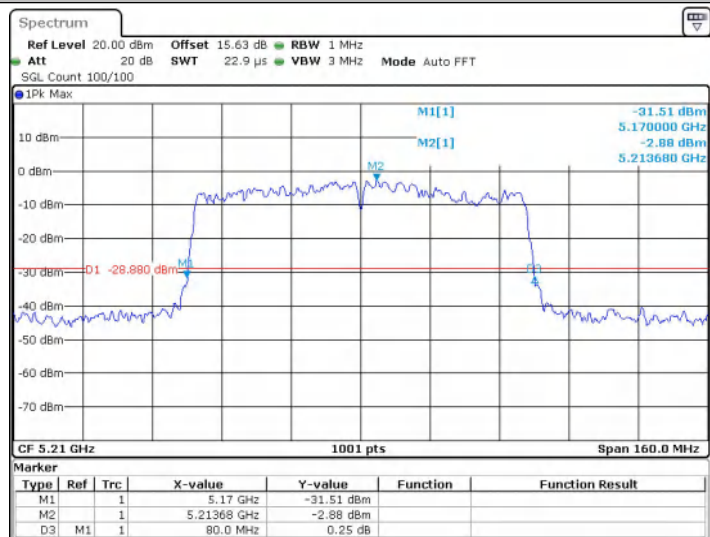
Date: 22 JUL 2026 17:06:35

11AC40SISO_Ant1_5230



Date: 22 JUL 2026 17:08:04

11AC80SISO_Ant1_5210



Date: 22 JUL 2026 17:10:15

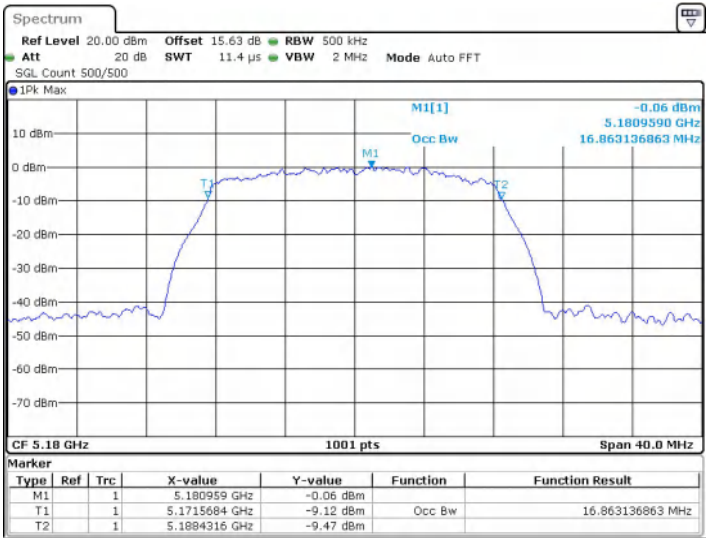
Appendix A2: Occupied channel bandwidth

Test Result

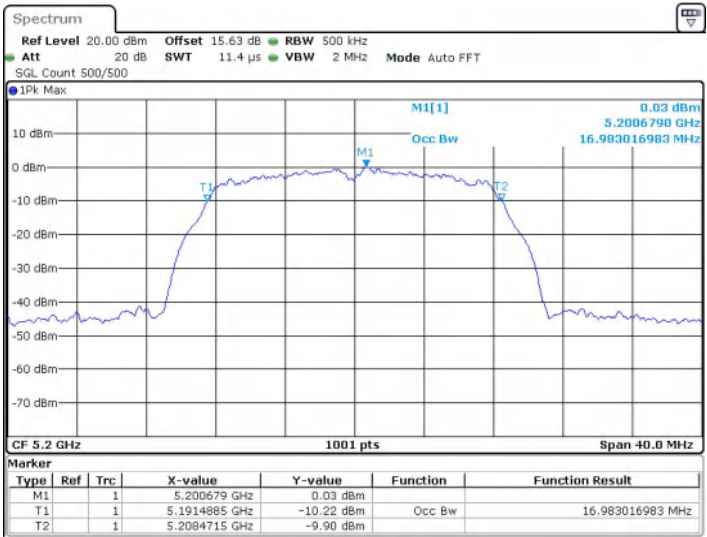
TestMode	Freq(MHz)	OCB [MHz]	Limit[MHz]	Verdict
11A	5180	16.863	---	---
	5200	16.983	---	---
	5240	16.983	---	---
11N20SISO	5180	17.902	---	---
	5200	18.102	---	---
	5240	17.822	---	---
11N40SISO	5190	36.204	---	---
	5230	36.204	---	---
11AC20SISO	5180	17.902	---	---
	5200	17.942	---	---
	5240	17.902	---	---
11AC40SISO	5190	35.884	---	---
	5230	36.204	---	---
11AC80SISO	5210	75.764	---	---

Test Graphs

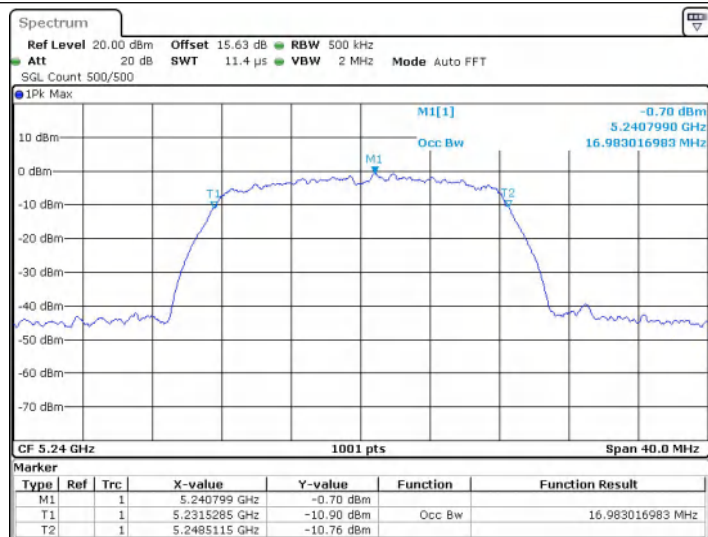
11A_Ant1_5180



11A_Ant1_5200

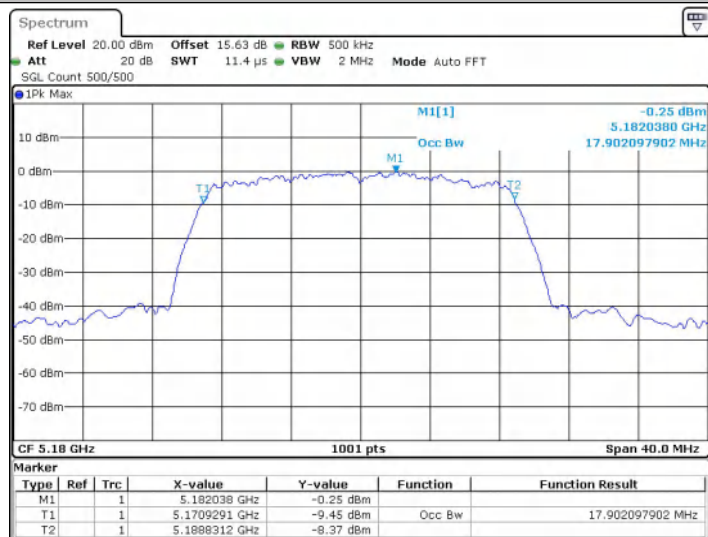


11A_Ant1_5240



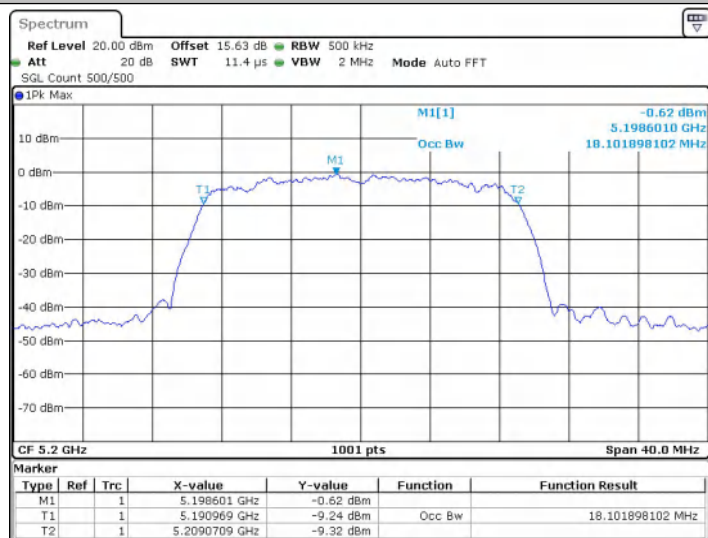
Date: 22 JUL 2026 16:41:13

11N20SISO_Ant1_5180



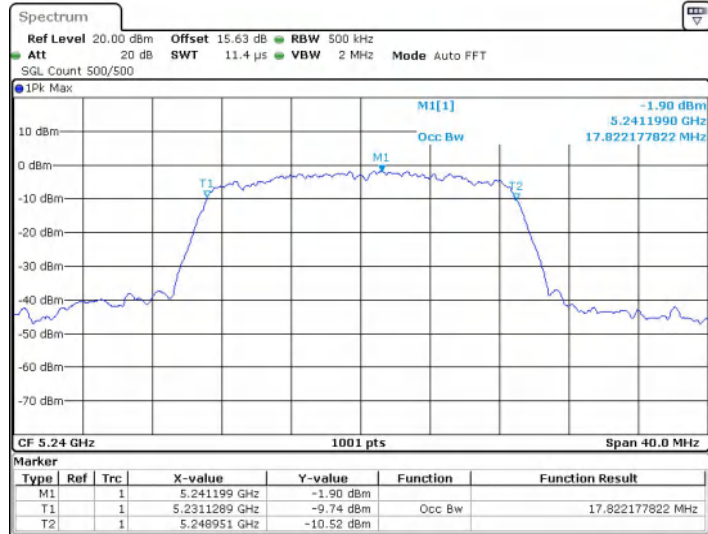
Date: 22 JUL 2026 16:43:03

11N20SISO_Ant1_5200



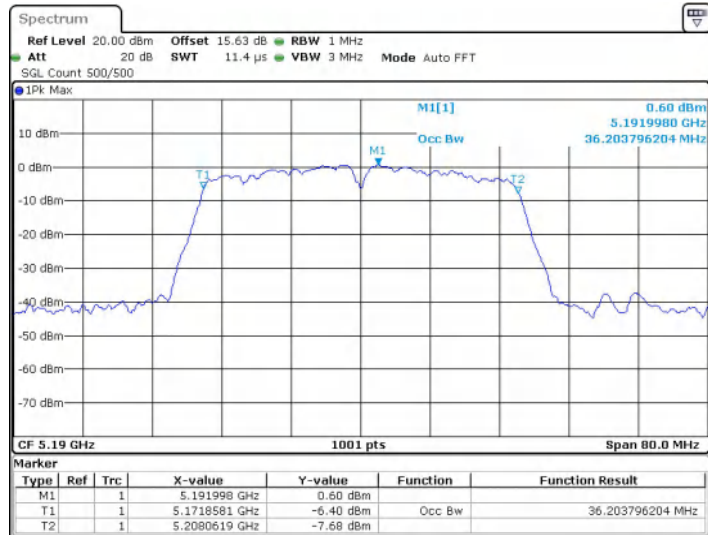
Date: 22 JUL 2026 16:44:35

11N20SISO_Ant1_5240



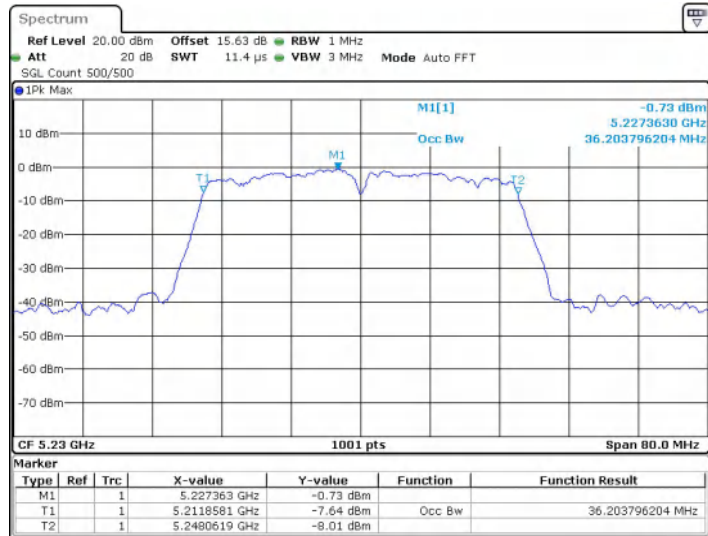
Date: 22 JUL 2026 16:52:38

11N40SISO_Ant1_5190



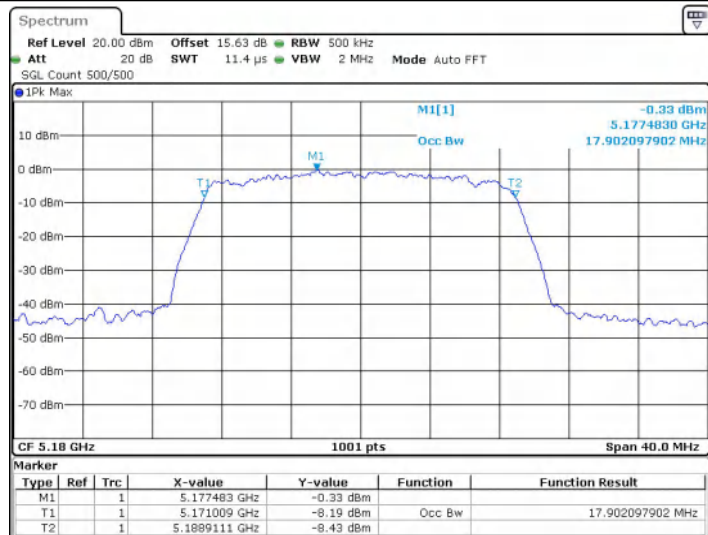
Date: 22 JUL 2026 16:55:49

11N40SISO_Ant1_5230



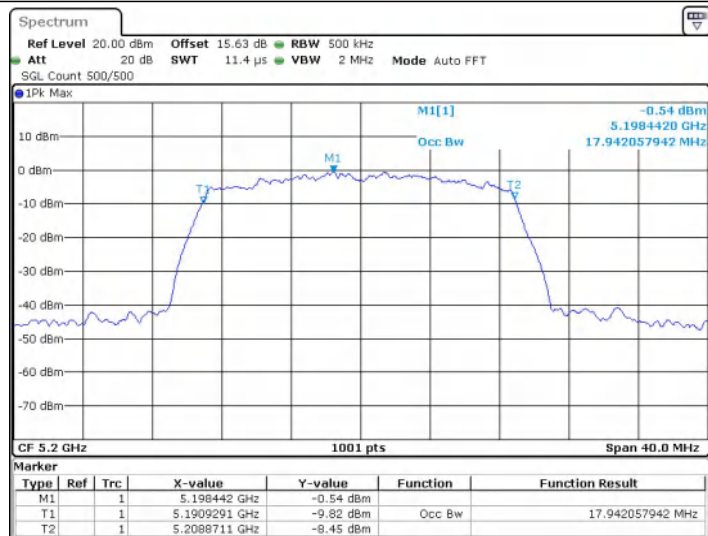
Date: 22 JUL 2026 16:58:22

11AC20SISO_Ant1_5180



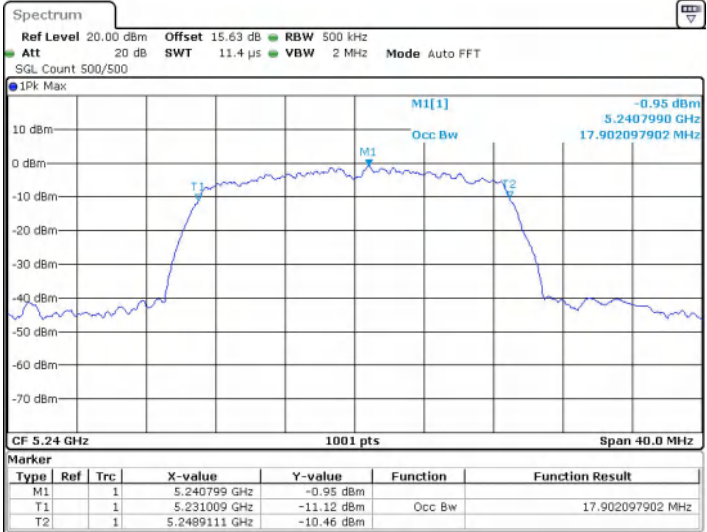
Date: 22 JUL 2026 17:00:57

11AC20SISO_Ant1_5200



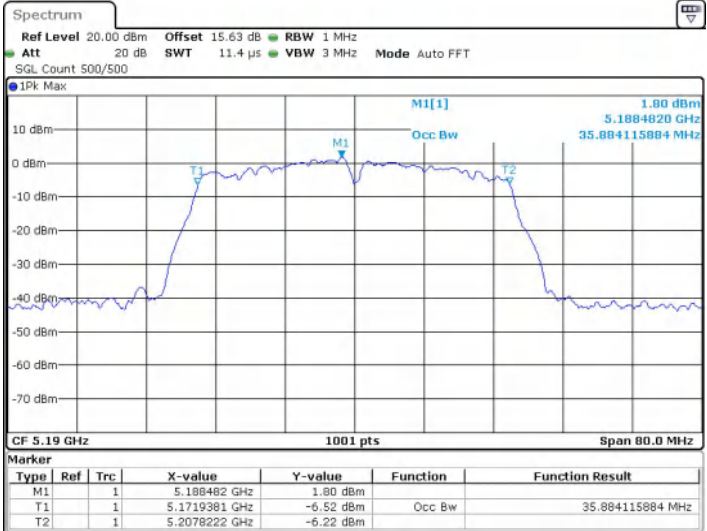
Date: 22 JUL 2026 17:02:34

11AC20SISO_Ant1_5240



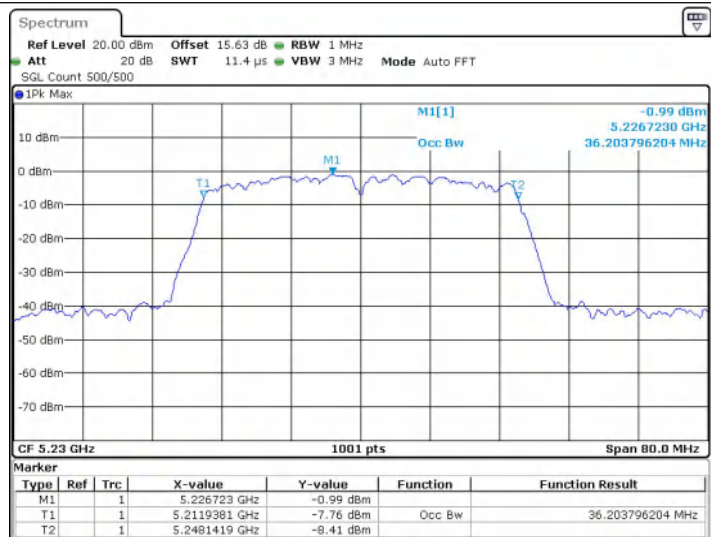
Date: 22 JUL 2026 17:04:30

11AC40SISO_Ant1_5190



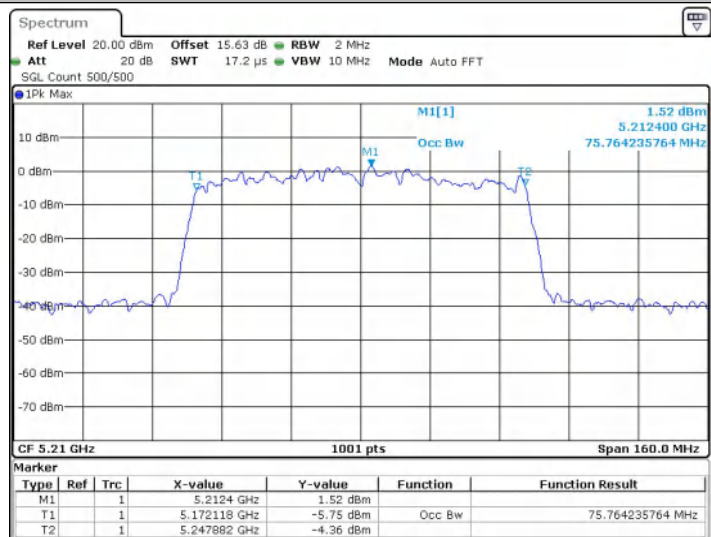
Date: 22 JUL 2026 17:06:44

11AC40SISO_Ant1_5230



Date: 22 JUL 2026 17:08:14

11AC80SISO_Ant1_5210



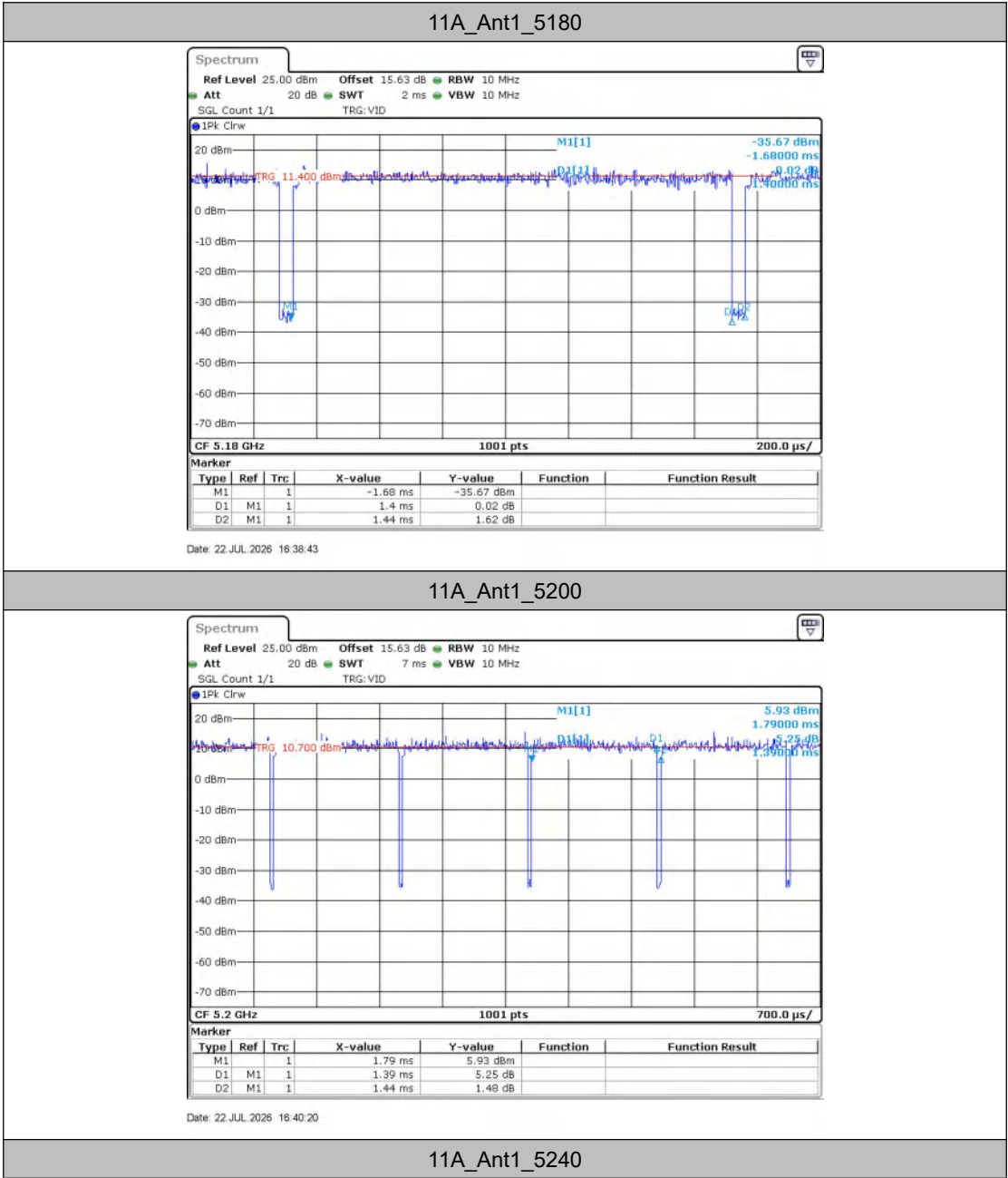
Date: 22 JUL 2026 17:10:34

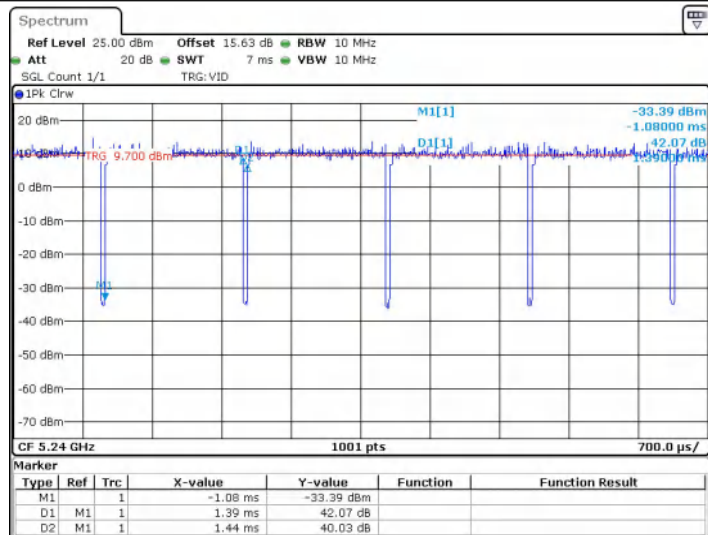
Appendix B: Duty Cycle

Test Result

TestMode	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	5180	1.40	1.44	97.22	---	---
	5200	1.39	1.44	96.53	---	---
	5240	1.39	1.44	96.53	---	---
11N20SISO	5180	1.30	1.35	96.30	---	---
	5200	1.30	1.34	97.01	---	---
	5240	1.30	1.35	96.30	---	---
11N40SISO	5190	0.65	0.70	92.86	---	---
	5230	0.65	0.69	94.20	---	---
11AC20SISO	5180	1.32	1.36	97.06	---	---
	5200	1.31	1.36	96.32	---	---
	5240	1.31	1.36	96.32	---	---
11AC40SISO	5190	0.65	0.70	92.86	---	---
	5230	0.65	0.69	94.20	---	---
11AC80SISO	5210	0.33	0.37	89.19	---	---

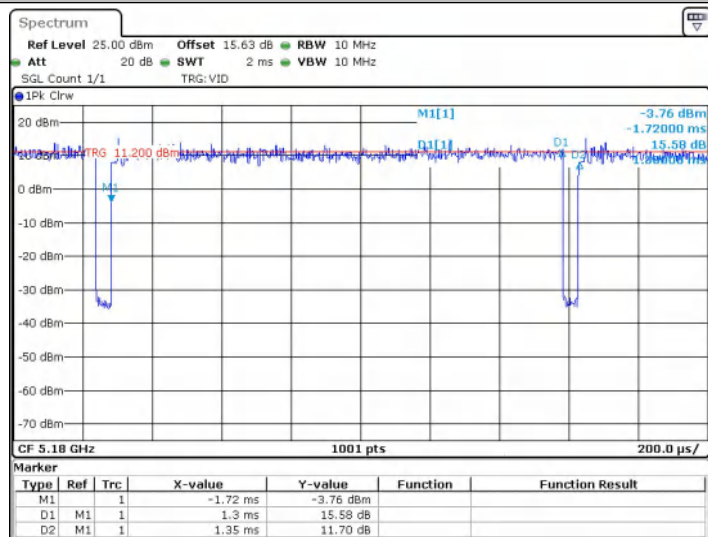
Test Graphs





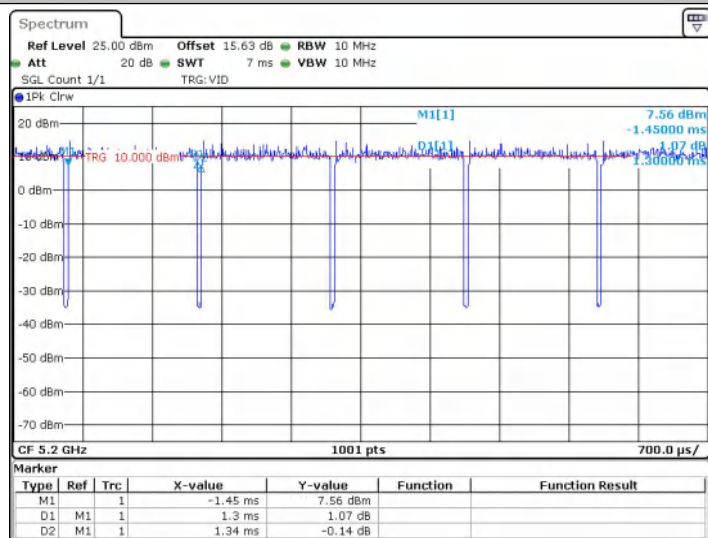
Date: 22 JUL 2026 16:41:28

11N20SISO_Ant1_5180



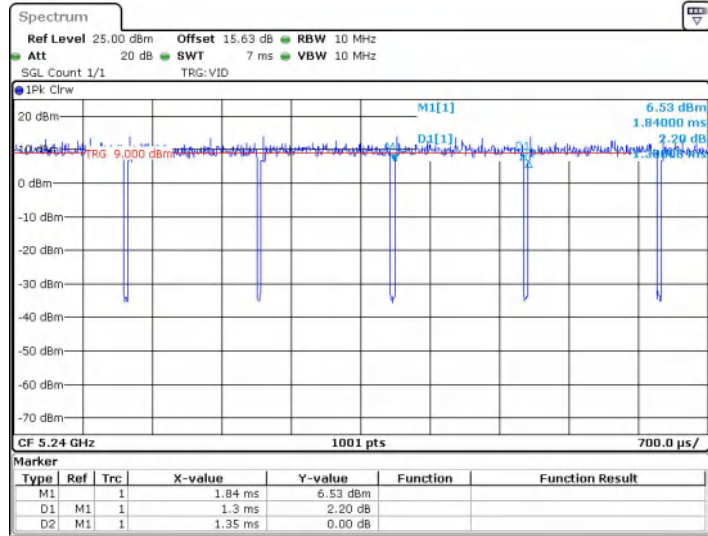
Date: 22 JUL 2026 16:43:16

11N20SISO_Ant1_5200



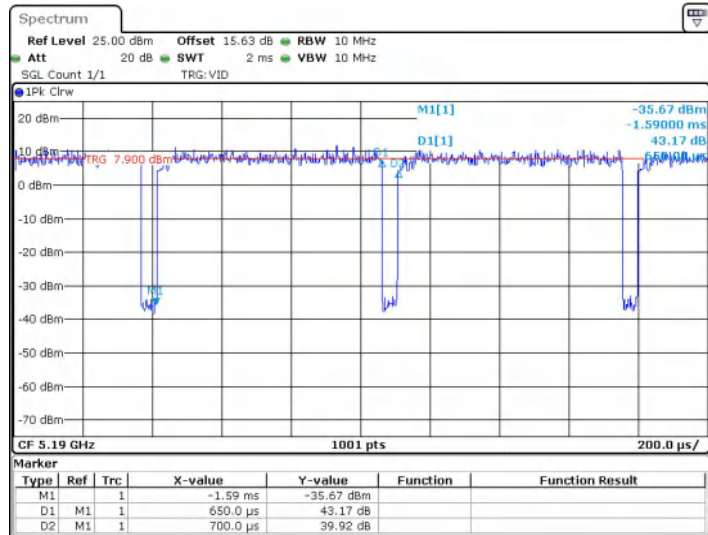
Date: 22 JUL 2026 16:44:50

11N20SISO_Ant1_5240



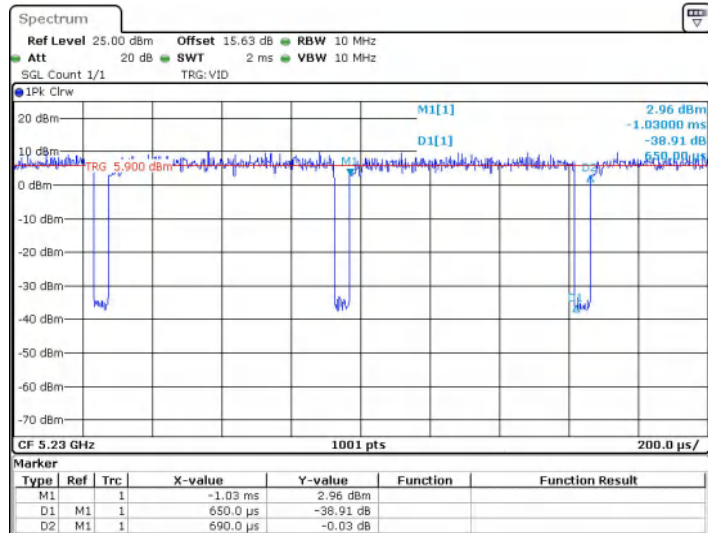
Date: 22 JUL 2026 16:52:52

11N40SISO_Ant1_5190



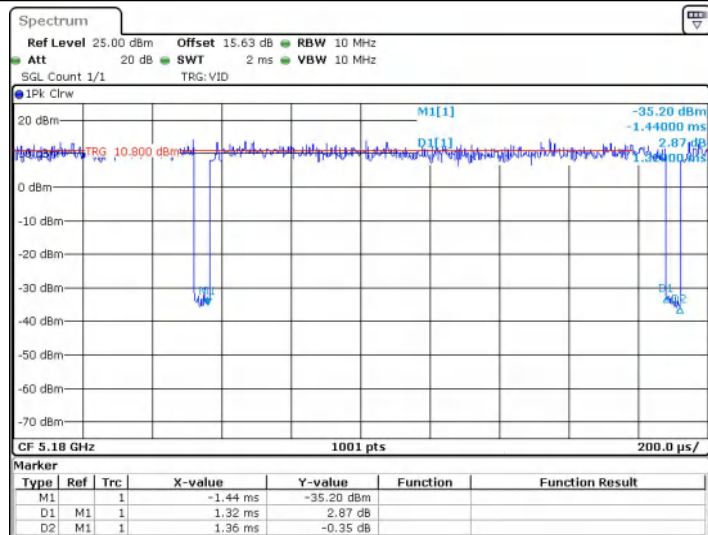
Date: 22 JUL 2026 16:56:01

11N40SISO_Ant1_5230



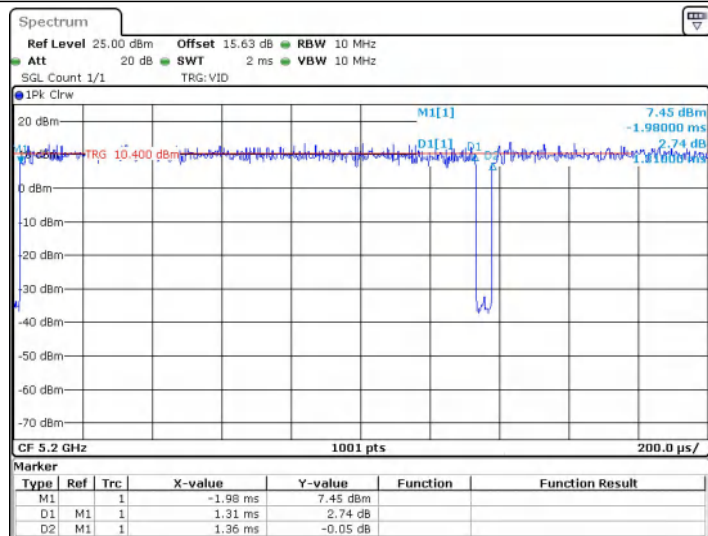
Date: 22 JUL 2026 16:58:34

11AC20SISO_Ant1_5180



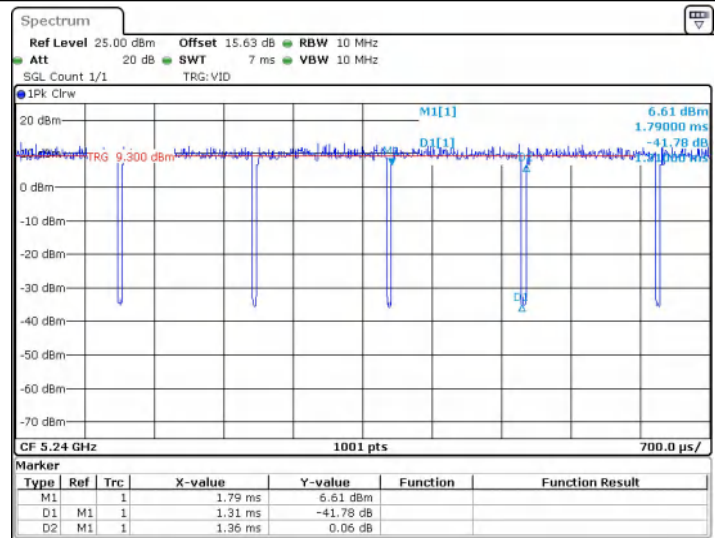
Date: 22 JUL 2026 17:01:09

11AC20SISO_Ant1_5200



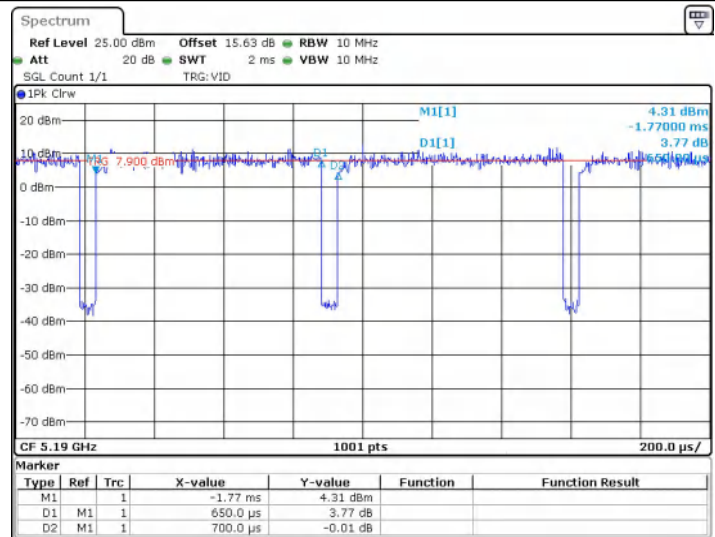
Date: 22 JUL 2026 17:02:46

11AC20SISO_Ant1_5240



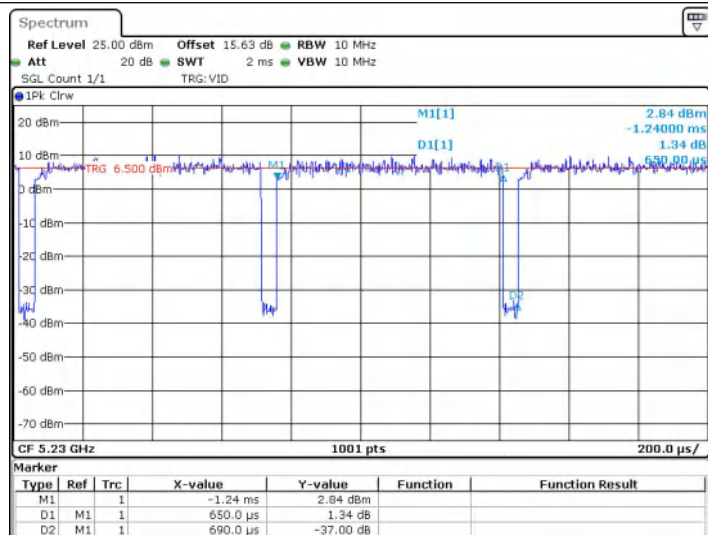
Date: 22 JUL 2026 17:04:45

11AC40SISO_Ant1_5190



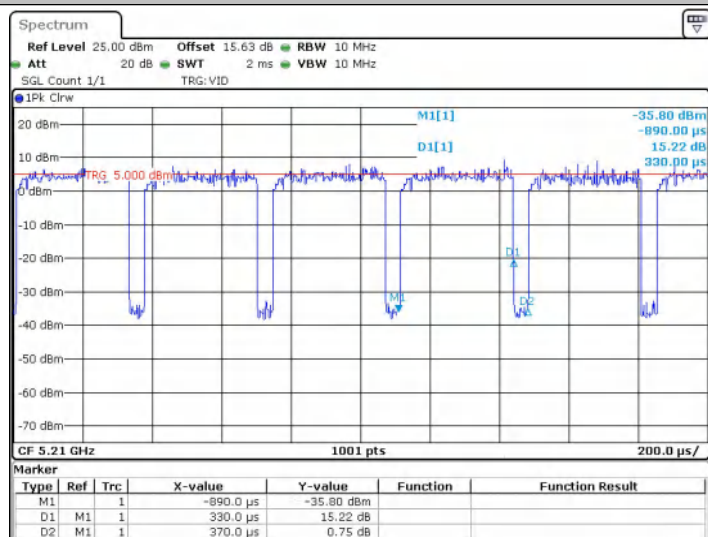
Date: 22 JUL 2026 17:06:57

11AC40SISO_Ant1_5230



Date: 22 JUL 2026 17:08:26

11AC80SISO_Ant1_5210



Date: 22 JUL 2026 17:10:46

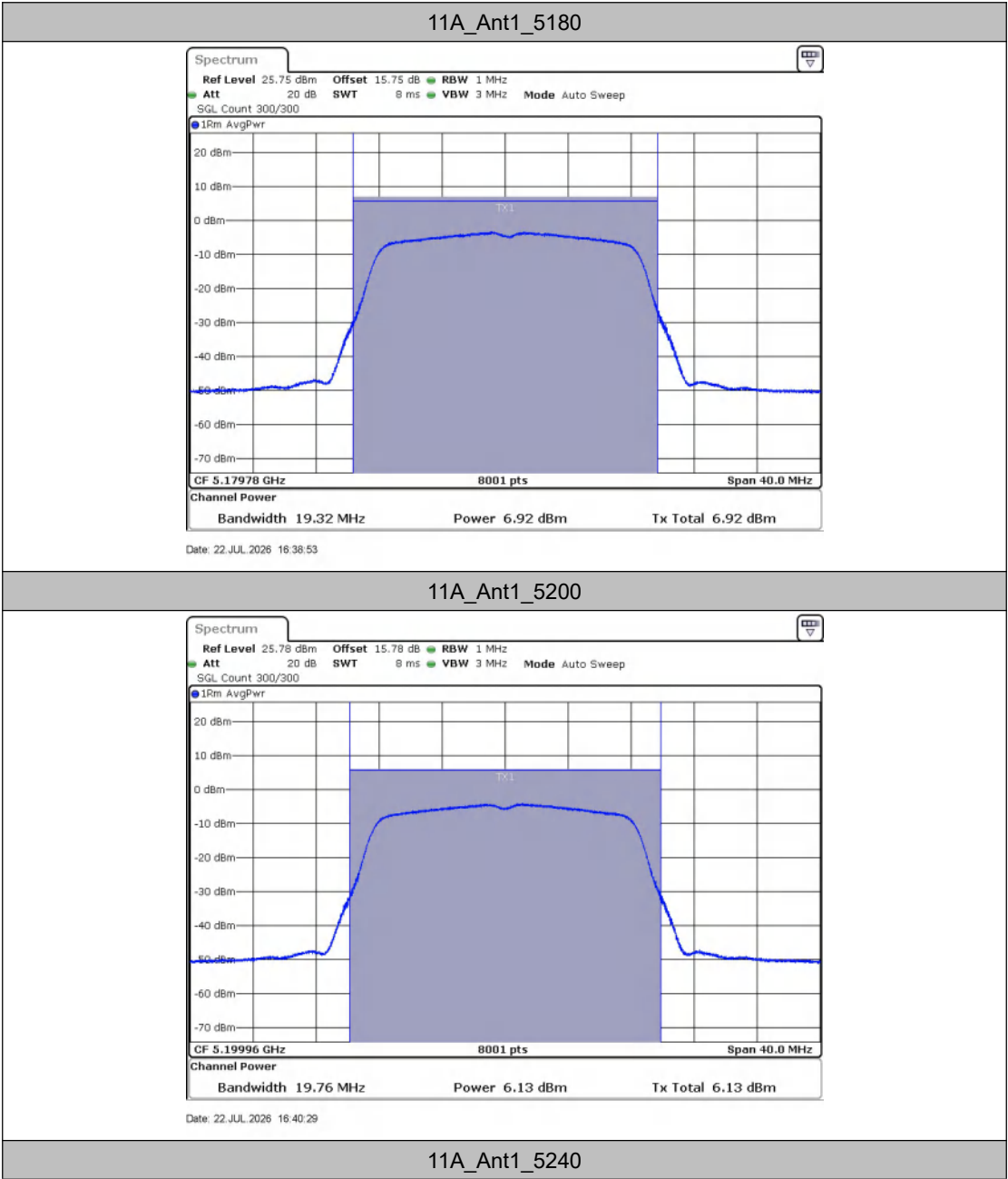
Appendix C: Maximum conducted output power

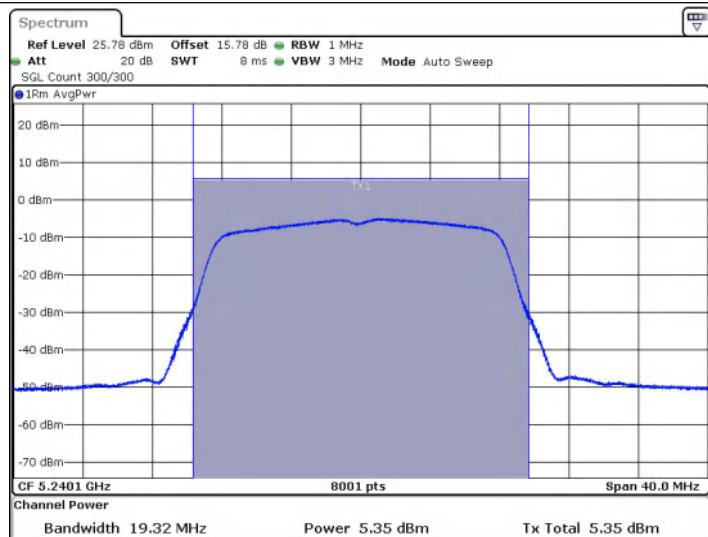
Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	6.80	97.22	0.12	6.92	≤23.98	PASS
		5200	5.98	96.53	0.15	6.13	≤23.98	PASS
		5240	5.20	96.53	0.15	5.35	≤23.98	PASS
11N20SI SO	Ant1	5180	6.60	96.30	0.16	6.76	≤23.98	PASS
		5200	5.86	97.01	0.13	5.99	≤23.98	PASS
		5240	5.00	96.30	0.16	5.16	≤23.98	PASS
11N40SI SO	Ant1	5190	6.20	92.86	0.32	6.52	≤23.98	PASS
		5230	4.99	94.20	0.26	5.25	≤23.98	PASS
11AC20S ISO	Ant1	5180	6.57	97.06	0.13	6.70	≤23.98	PASS
		5200	5.85	96.32	0.16	6.01	≤23.98	PASS
		5240	5.06	96.32	0.16	5.22	≤23.98	PASS
11AC40S ISO	Ant1	5190	6.23	92.86	0.32	6.55	≤23.98	PASS
		5230	5.01	94.20	0.26	5.27	≤23.98	PASS
11AC80S ISO	Ant1	5210	5.38	89.19	0.50	5.88	≤23.98	PASS

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

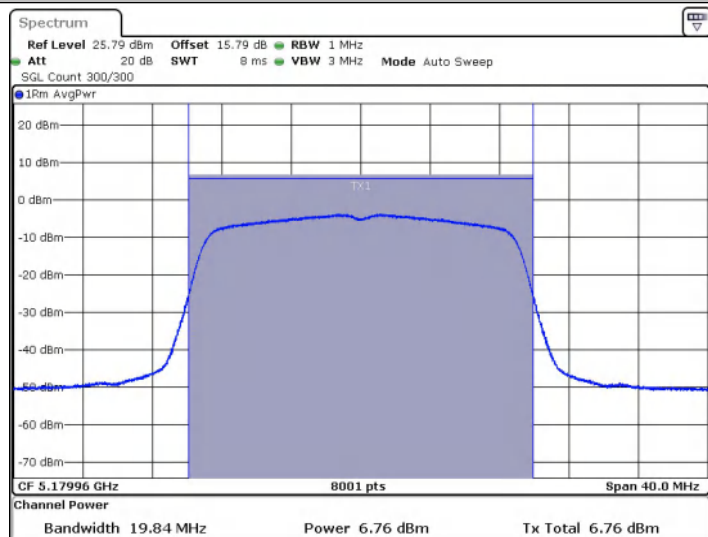
Test Graphs Channel Power





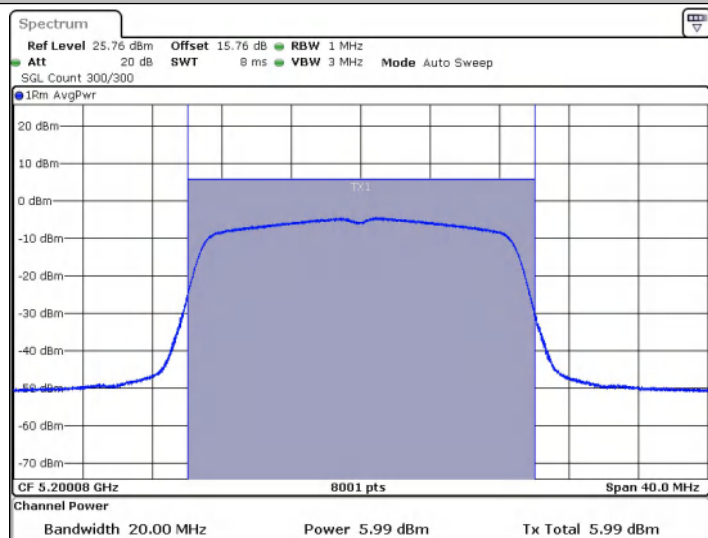
Date: 22 JUL 2026 16:41:37

11N20SISO_Ant1_5180



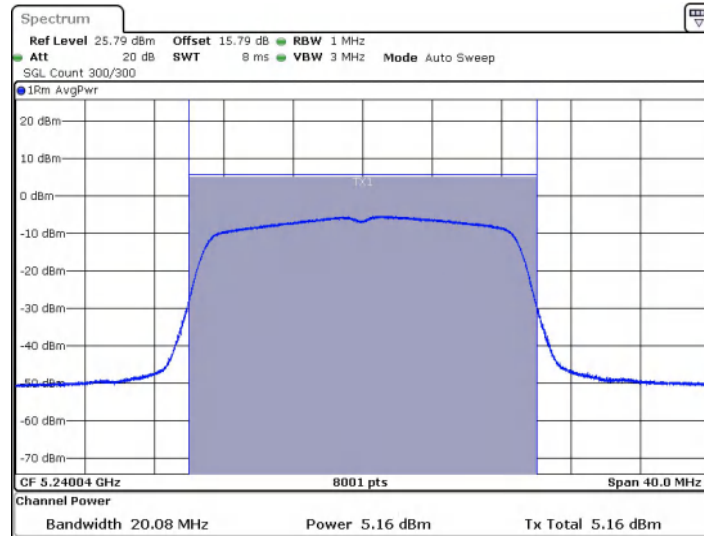
Date: 22 JUL 2026 16:43:26

11N20SISO_Ant1_5200



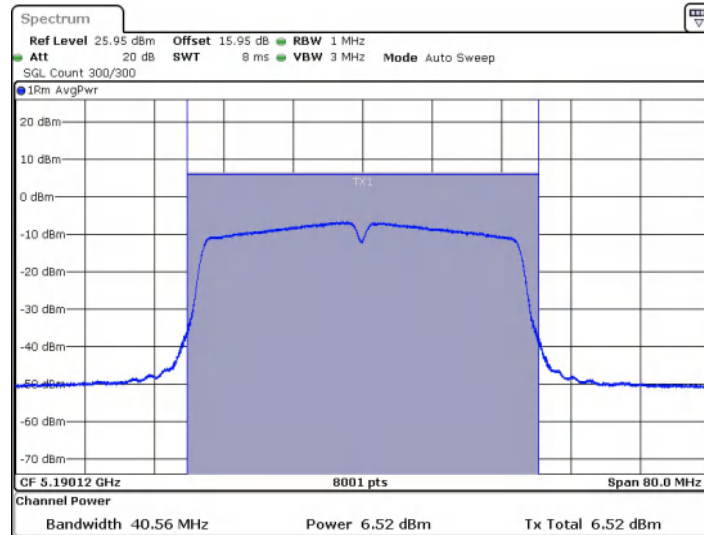
Date: 22 JUL 2026 16:44:59

11N20SISO_Ant1_5240



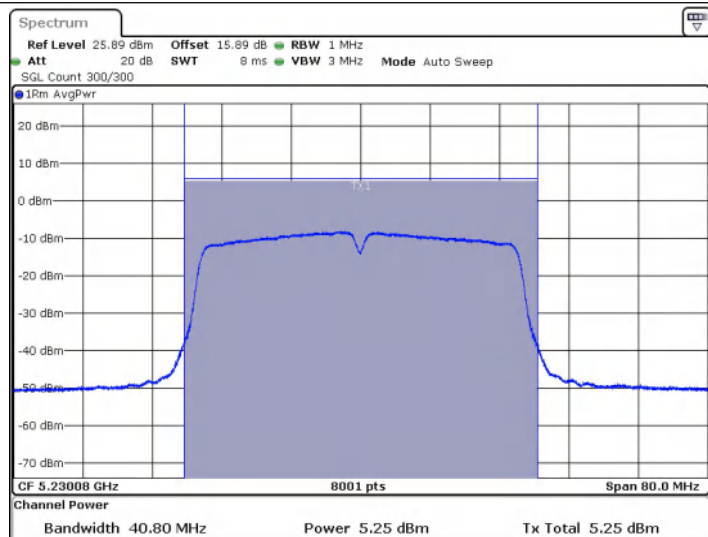
Date: 22 JUL 2026 16:53:02

11N40SISO_Ant1_5190



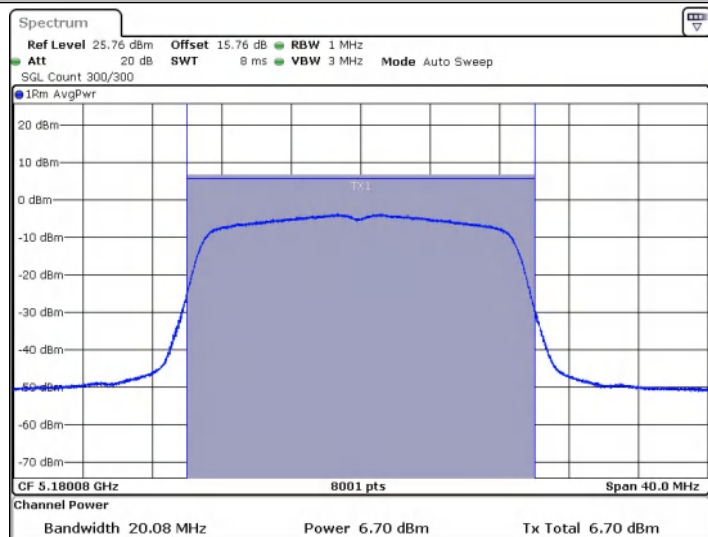
Date: 22 JUL 2026 16:56:11

11N40SISO_Ant1_5230



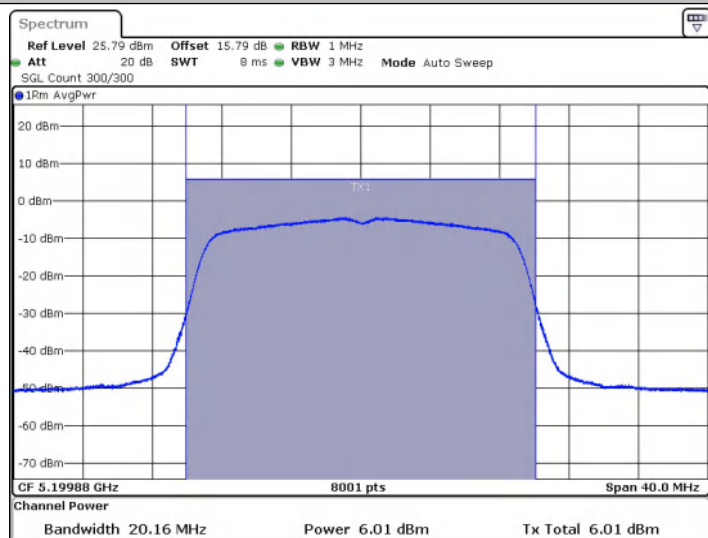
Date: 22 JUL 2026 16:58:43

11AC20SISO_Ant1_5180



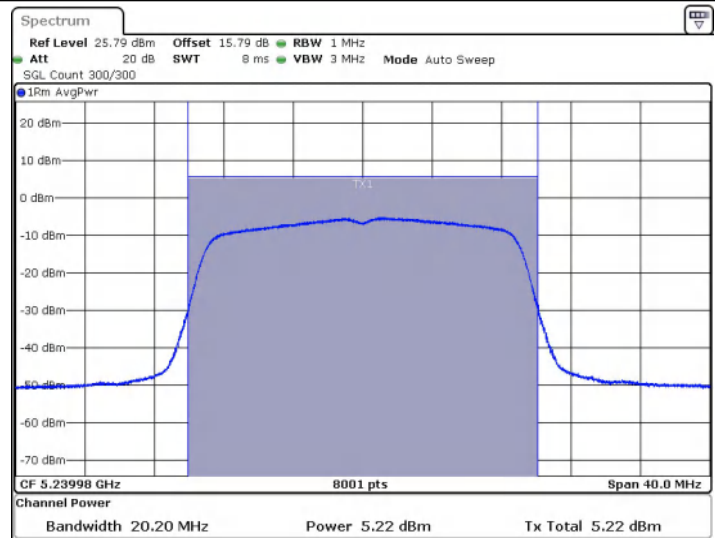
Date: 22 JUL 2026 17:01:19

11AC20SISO_Ant1_5200



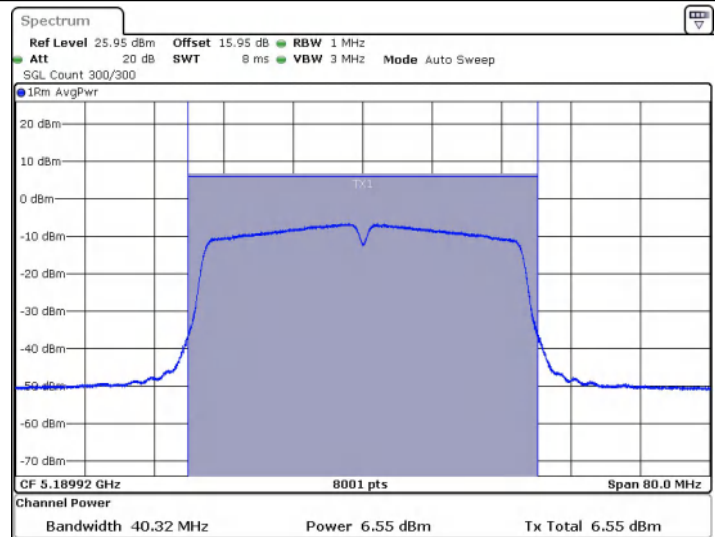
Date: 22 JUL 2026 17:02:55

11AC20SISO_Ant1_5240



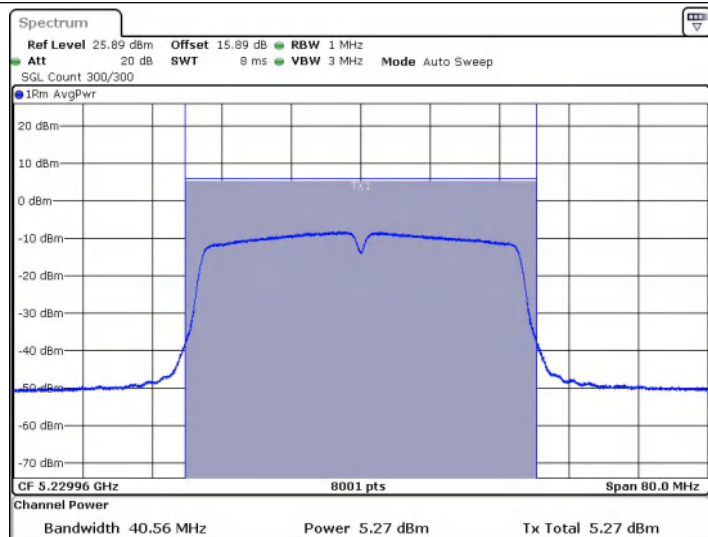
Date: 22 JUL 2026 17:04:53

11AC40SISO_Ant1_5190



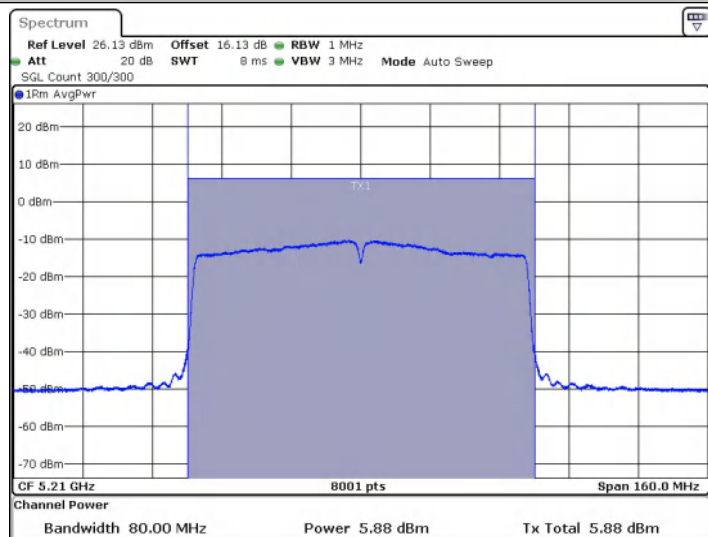
Date: 22 JUL 2026 17:07:06

11AC40SISO_Ant1_5230



Date: 22 JUL 2026 17:08:36

11AC80SISO_Ant1_5210



Date: 22 JUL 2026 17:10:56

Appendix D: Maximum power spectral density

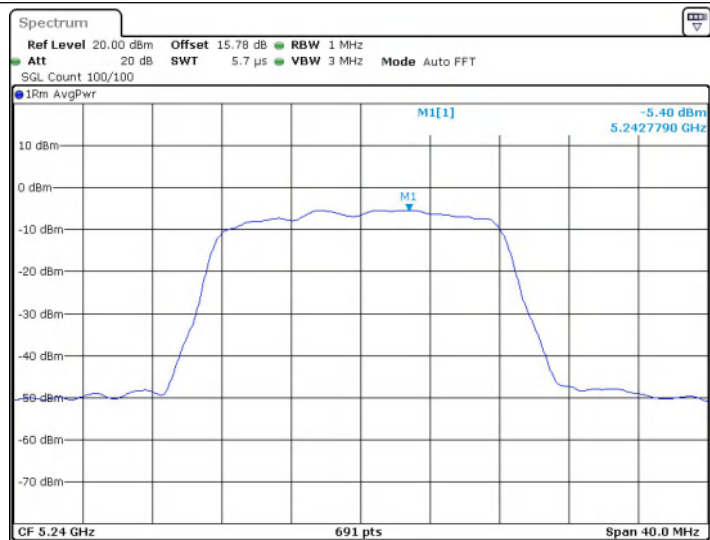
Test Result

TestMode	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	5180	-3.25	≤11.00	PASS
	5200	-4.35	≤11.00	PASS
	5240	-5.40	≤11.00	PASS
11N20SISO	5180	-3.91	≤11.00	PASS
	5200	-4.64	≤11.00	PASS
	5240	-5.35	≤11.00	PASS
11N40SISO	5190	-7.02	≤11.00	PASS
	5230	-8.50	≤11.00	PASS
11AC20SISO	5180	-3.82	≤11.00	PASS
	5200	-4.35	≤11.00	PASS
	5240	-5.70	≤11.00	PASS
11AC40SISO	5190	-7.00	≤11.00	PASS
	5230	-7.90	≤11.00	PASS
11AC80SISO	5210	-10.39	≤11.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

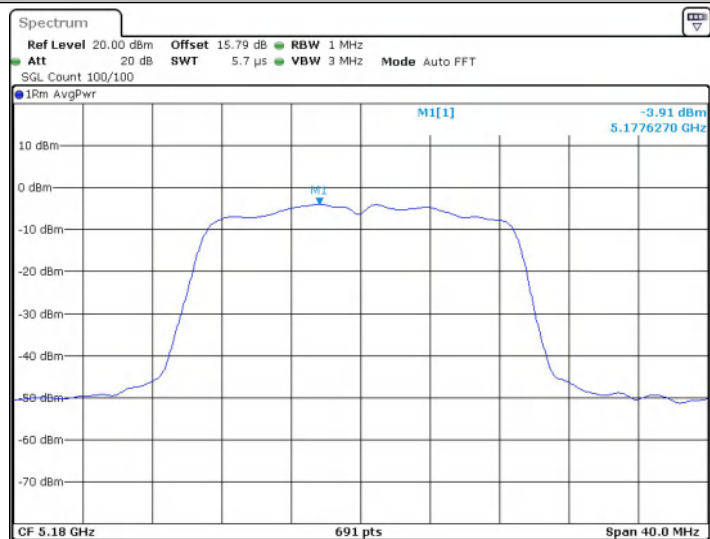
Test Graphs





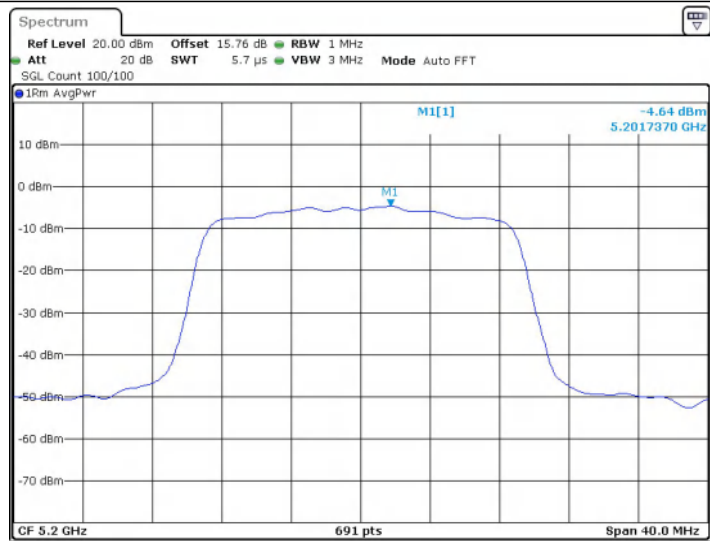
Date: 22 JUL 2026 16:41:42

11N20SISO_Ant1_5180



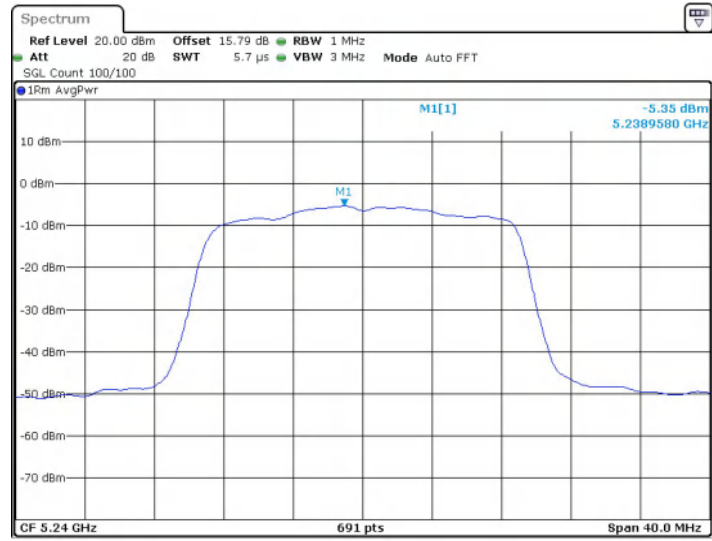
Date: 22 JUL 2026 16:43:31

11N20SISO_Ant1_5200



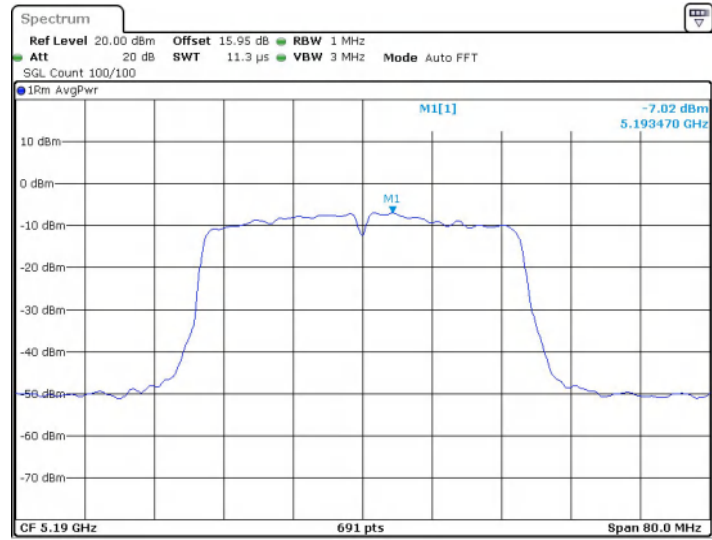
Date: 22 JUL 2026 16:45:05

11N20SISO_Ant1_5240



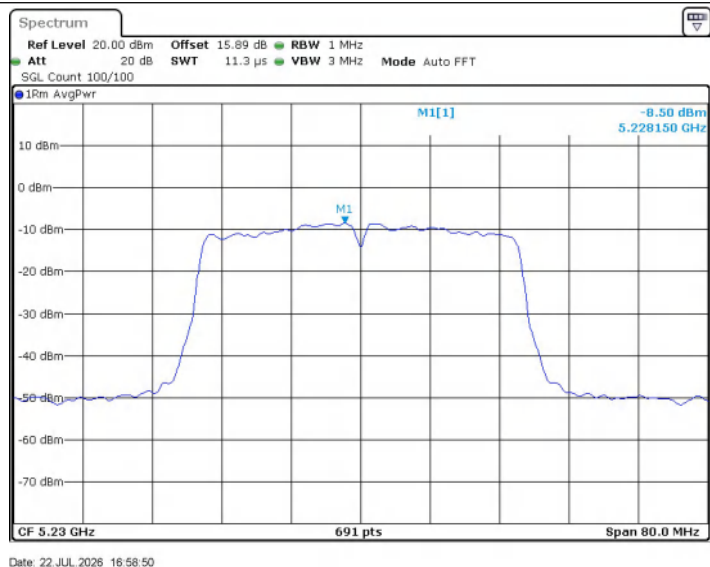
Date: 22 JUL 2026 16:53:07

11N40SISO_Ant1_5190



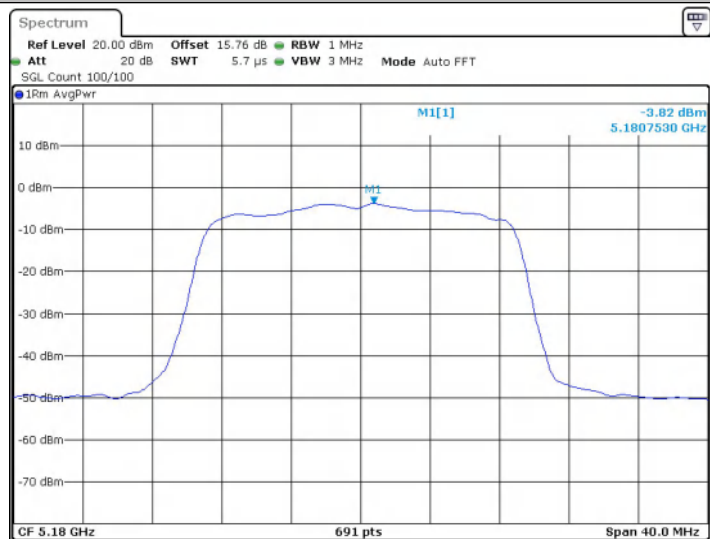
Date: 22 JUL 2026 16:56:17

11N40SISO_Ant1_5230



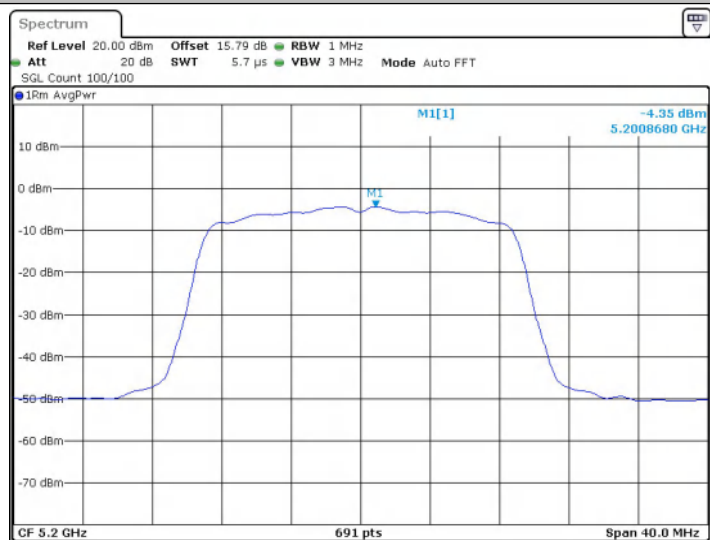
Date: 22 JUL 2026 16:58:50

11AC20SISO_Ant1_5180



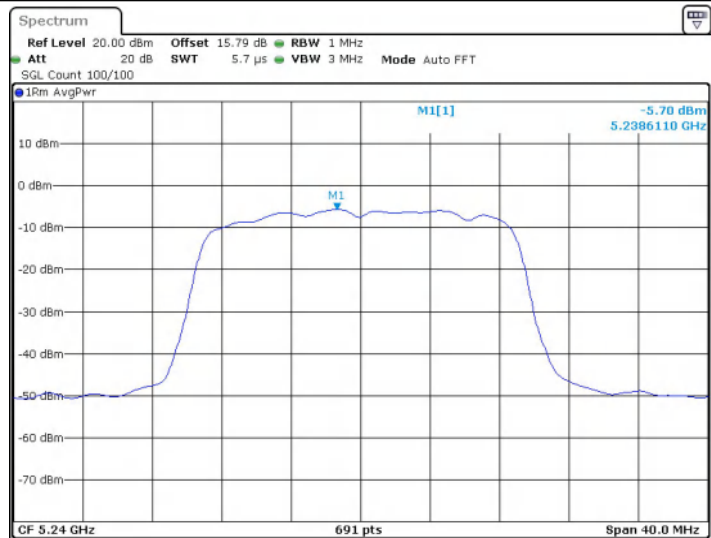
Date: 22 JUL 2026 17:01:25

11AC20SISO_Ant1_5200



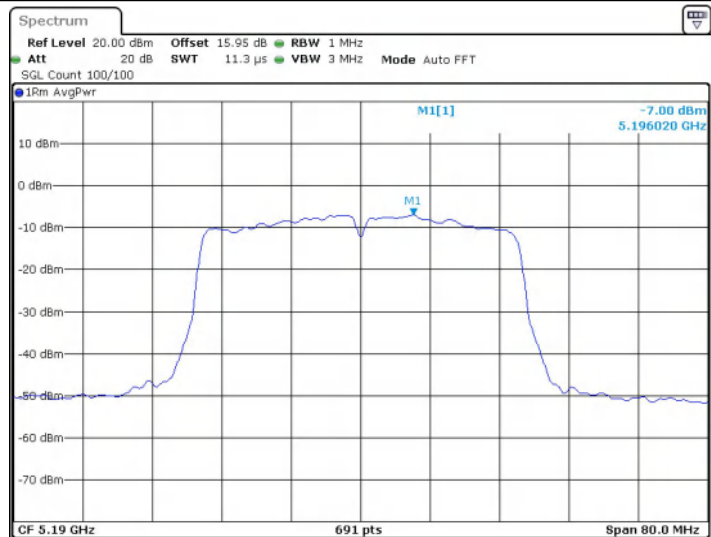
Date: 22 JUL 2026 17:03:01

11AC20SISO_Ant1_5240



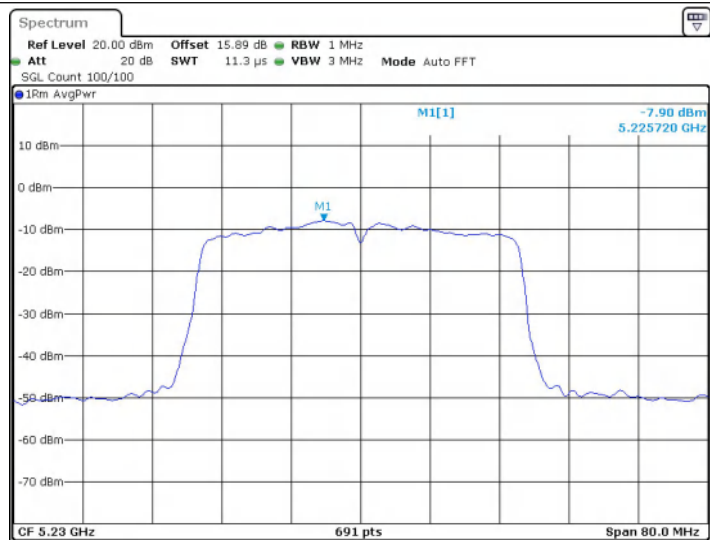
Date: 22 JUL 2026 17:04:59

11AC40SISO_Ant1_5190



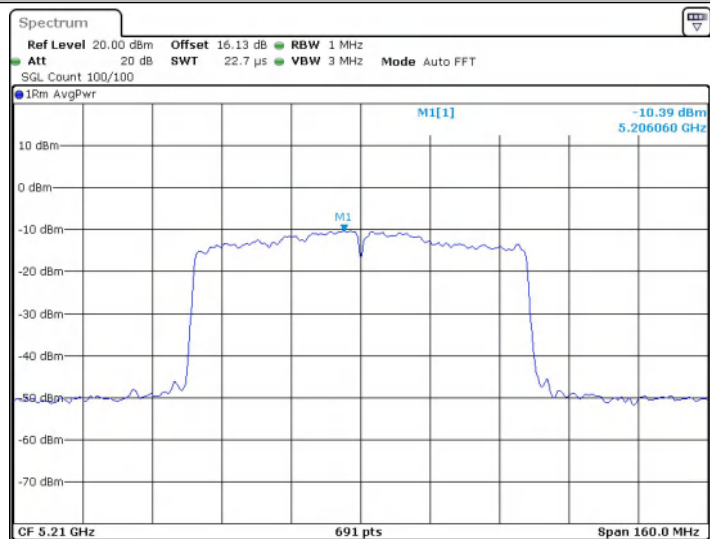
Date: 22 JUL 2026 17:07:13

11AC40SISO_Ant1_5230



Date: 22 JUL 2026 17:08:42

11AC80SISO_Ant1_5210



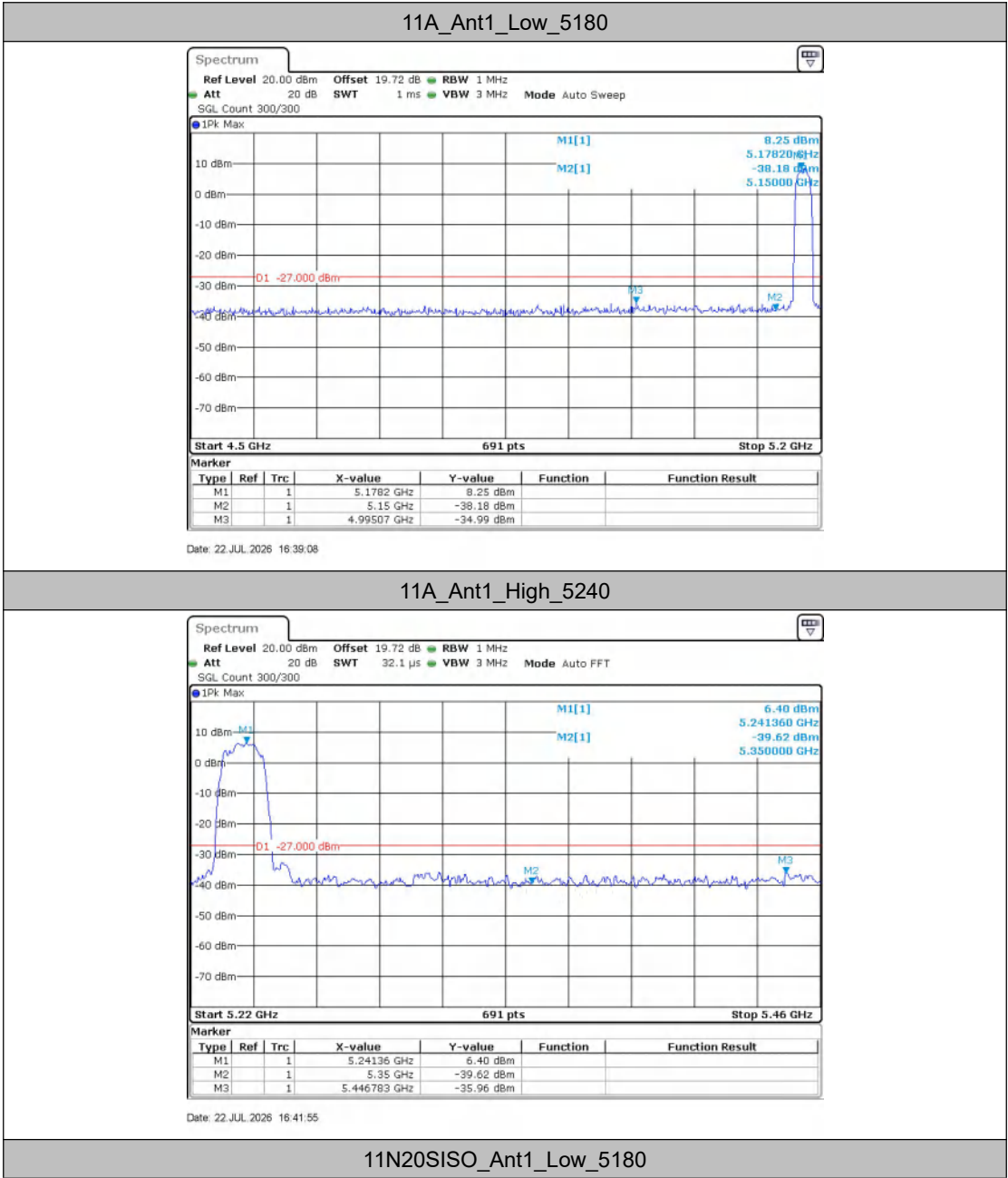
Date: 22 JUL 2026 17:11:03

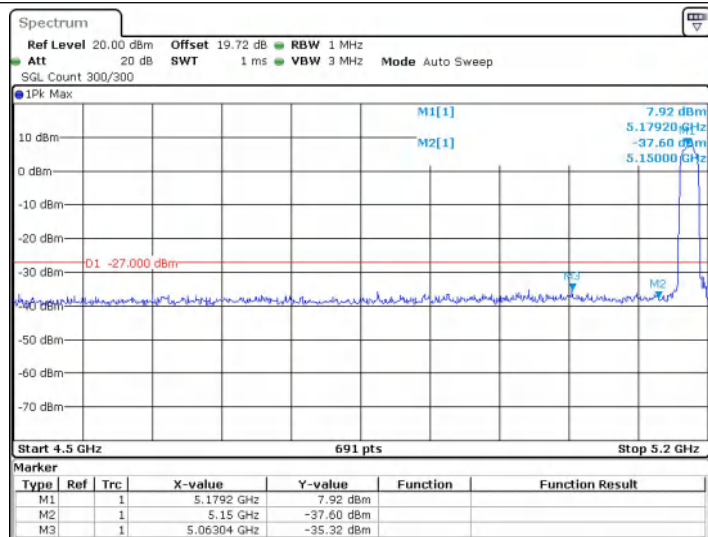
Appendix E: Band edge measurements

Test Result B1/2/3

TestMode	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Low	5180	-34.99	≤ -27	PASS
	High	5240	-35.96	≤ -27	PASS
11N20SISO	Low	5180	-35.32	≤ -27	PASS
	High	5240	-34.74	≤ -27	PASS
11N40SISO	Low	5190	-36.14	≤ -27	PASS
	High	5230	-35.05	≤ -27	PASS
11AC20SISO	Low	5180	-35.62	≤ -27	PASS
	High	5240	-35.07	≤ -27	PASS
11AC40SISO	Low	5190	-35.65	≤ -27	PASS
	High	5230	-35.42	≤ -27	PASS
11AC80SISO	Low	5210	-35.28	≤ -27	PASS
	High	5210	-36	≤ -27	PASS

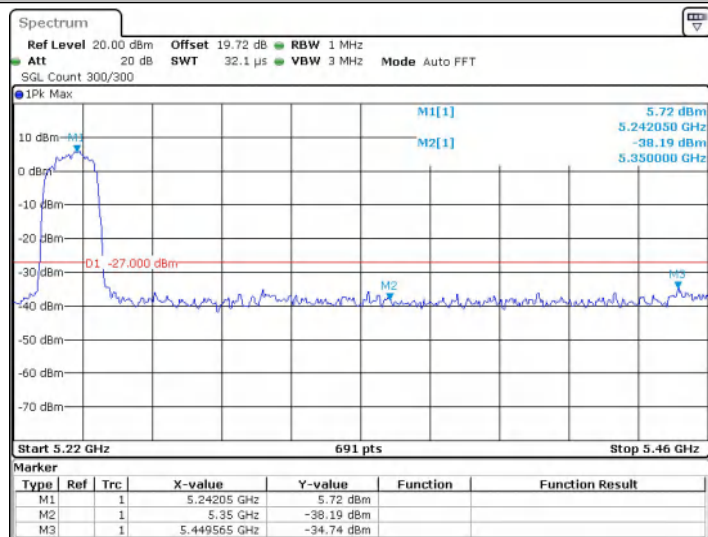
Test Graphs B1/2/3





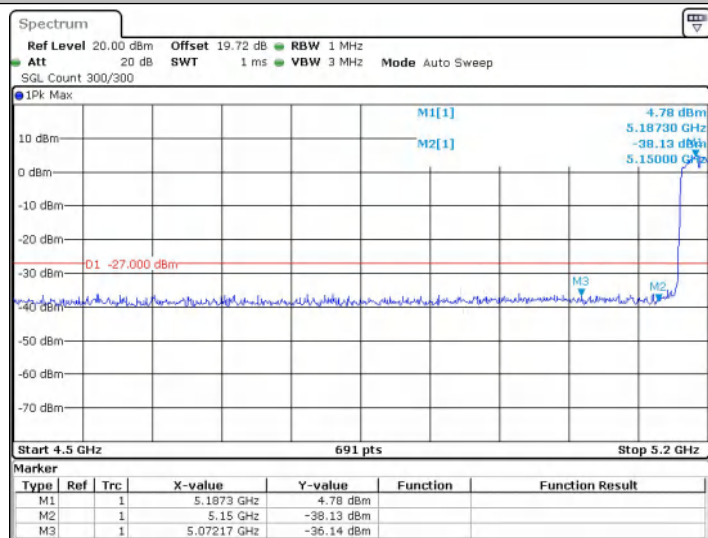
Date: 22 JUL 2026 16:43:40

11N20SISO_Ant1_High_5240



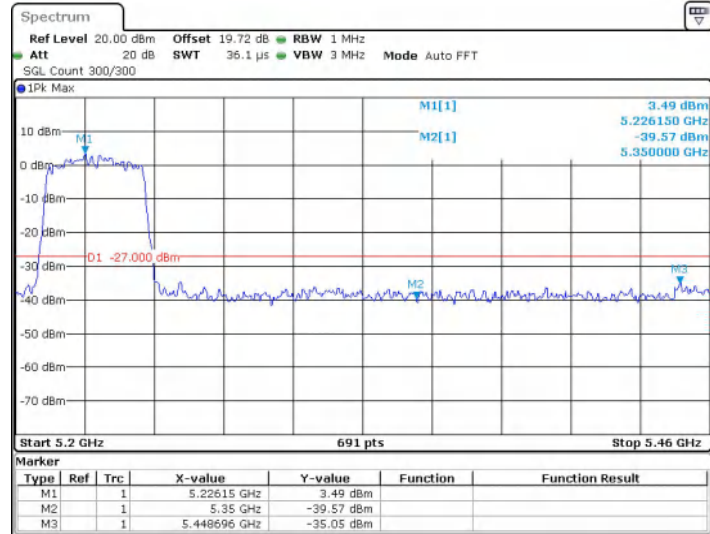
Date: 22 JUL 2026 16:53:20

11N40SISO_Ant1_Low_5190



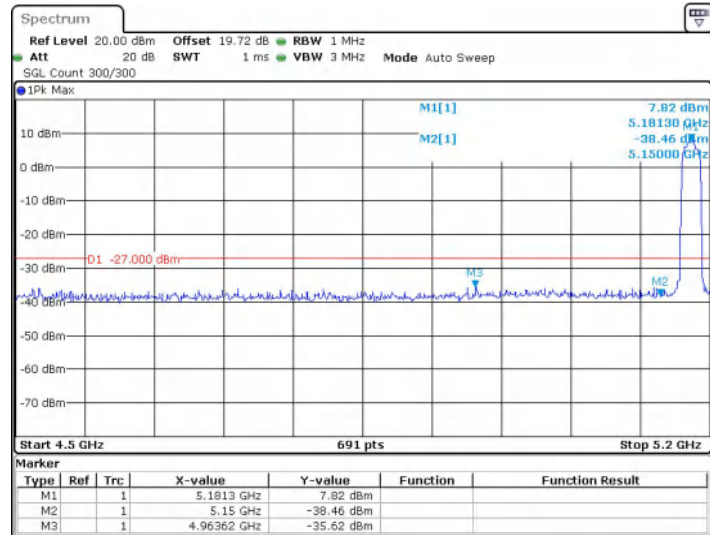
Date: 22 JUL 2026 16:56:26

11N40SISO_Ant1_High_5230



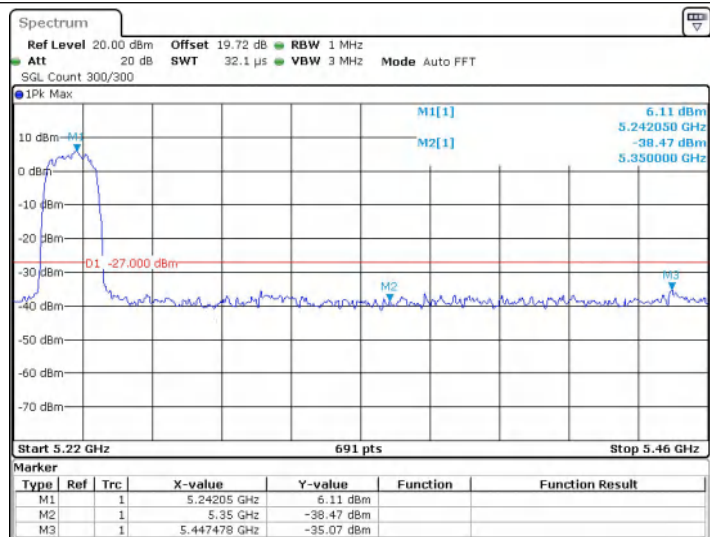
Date: 22 JUL 2026 16:59:03

11AC20SISO_Ant1_Low_5180



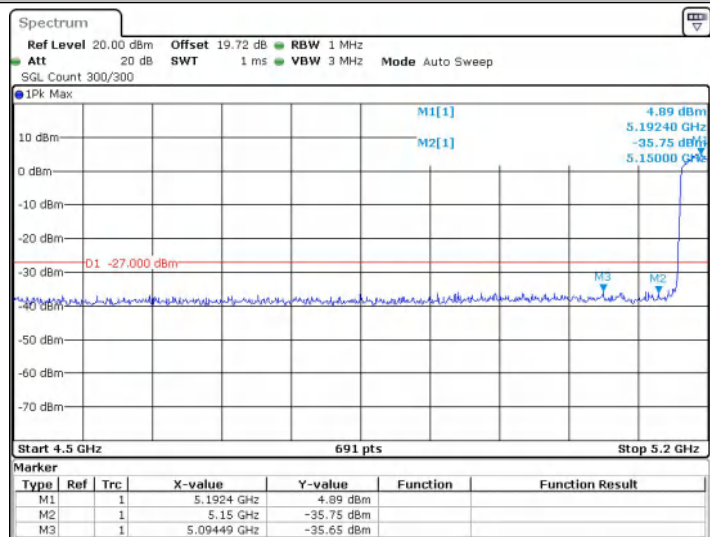
Date: 22 JUL 2026 17:01:34

11AC20SISO_Ant1_High_5240



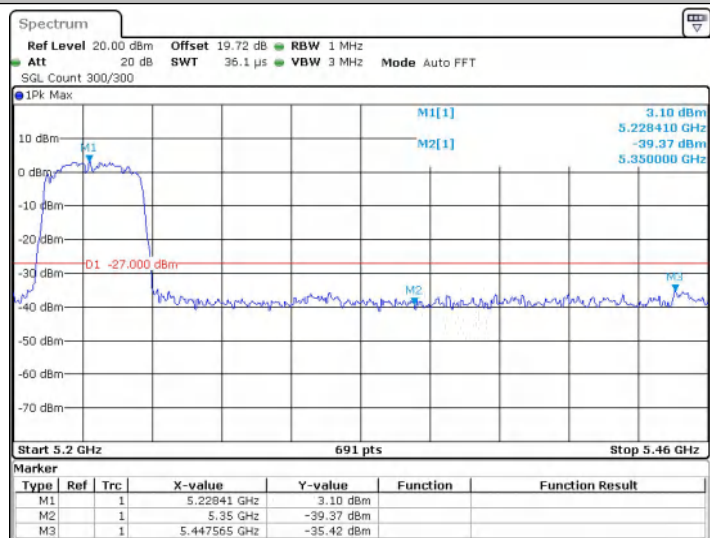
Date: 22 JUL 2026 17:05:11

11AC40SISO_Ant1_Low_5190



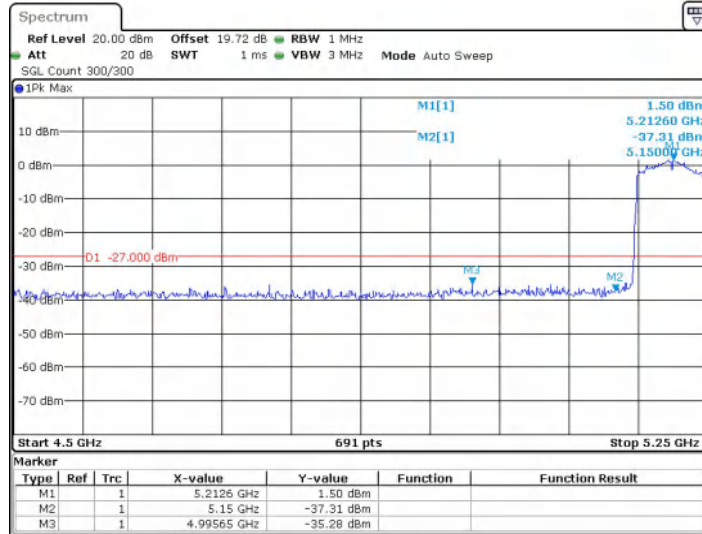
Date: 22 JUL 2026 17:07:22

11AC40SISO_Ant1_High_5230



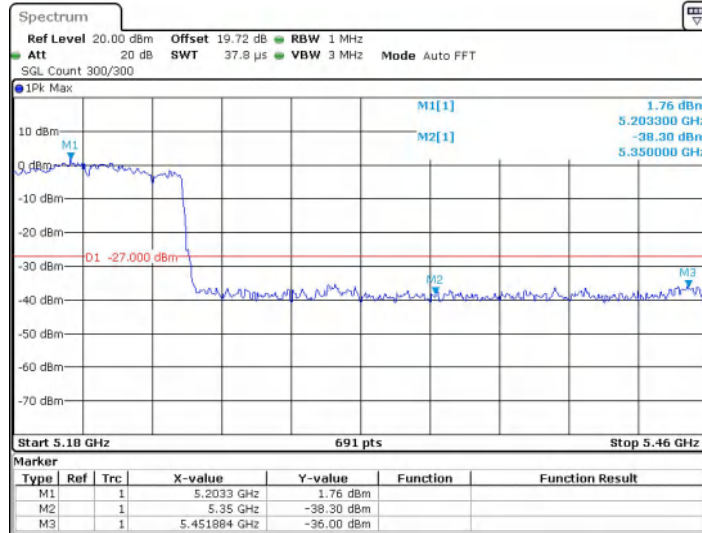
Date: 22 JUL 2026 17:08:55

11AC80SISO_Ant1_Low_5210



Date: 22 JUL 2026 17:11:13

11AC80SISO_Ant1_High_5210



Date: 22 JUL 2026 17:11:27

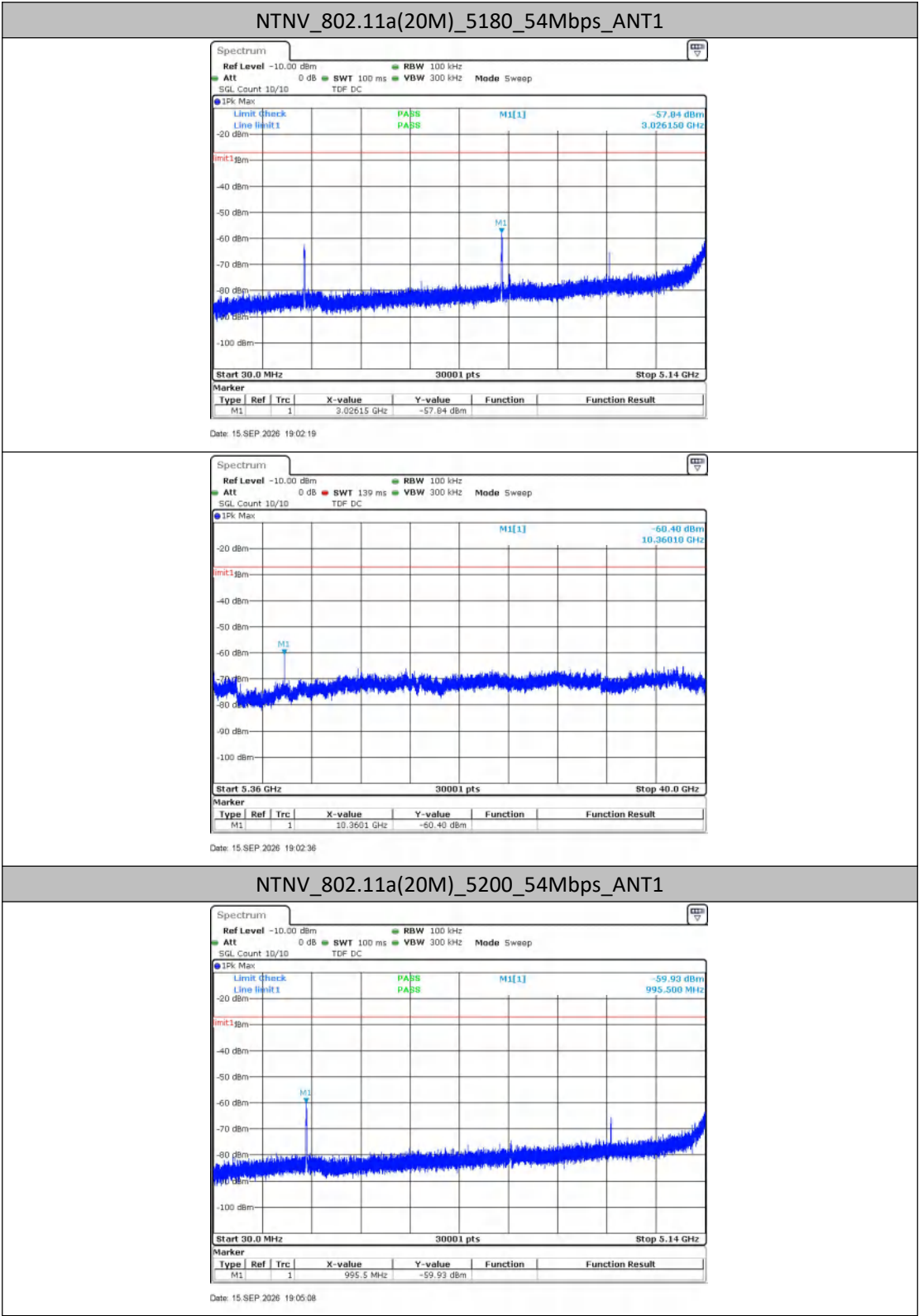
Appendix F: Conducted Spurious Emission

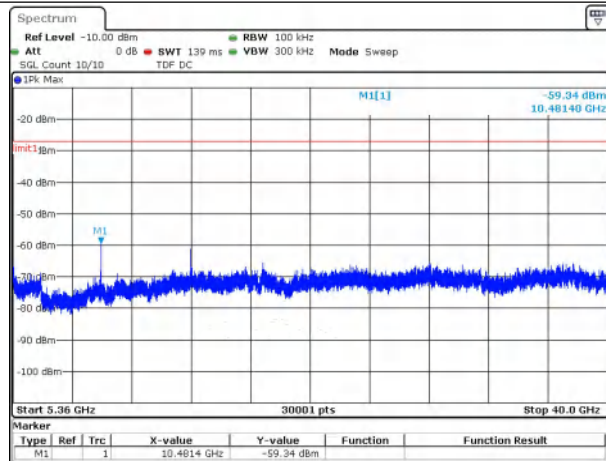
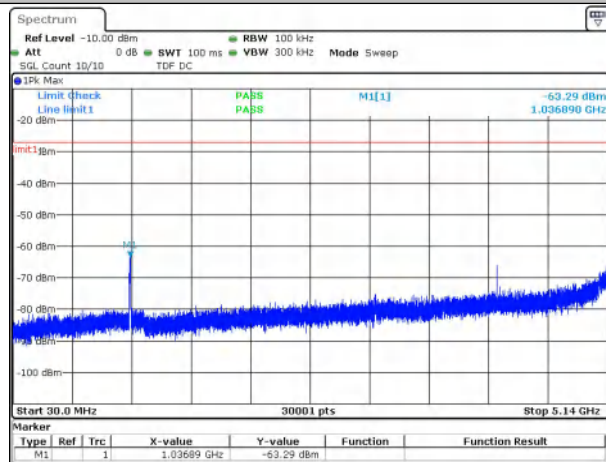
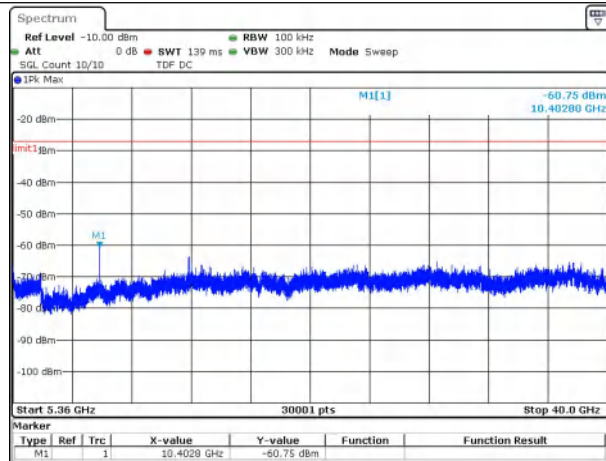
Test Result

NO.	Test Condition	Test Mode	Freq (MHz)	Rate	Antenna	Frequency Range (MHz)	Ref Level (MHz)	Max Power (dBm)	Limit (dBm)	Verdict
1	NTNV	802.11a(20M)	5180	54Mbps	ANT1	30~5140	3026.15	-57.84	≤-27	Pass
						5360~40000	10360.10	-60.40	≤-27	Pass
2	NTNV	802.11a(20M)	5200	54Mbps	ANT1	30~5140	995.50	-59.93	≤-27	Pass
						5360~40000	10402.80	-60.75	≤-27	Pass
3	NTNV	802.11a(20M)	5240	54Mbps	ANT1	30~5140	1036.89	-63.29	≤-27	Pass
						5360~40000	10481.40	-59.34	≤-27	Pass
4	NTNV	802.11n(20M)	5180	MCS0	ANT1	30~5140	3028.70	-58.29	≤-27	Pass
						5360~40000	10357.80	-59.95	≤-27	Pass
5	NTNV	802.11n(20M)	5200	MCS0	ANT1	30~5140	995.50	-60.12	≤-27	Pass
						5360~40000	10401.70	-61.22	≤-27	Pass
6	NTNV	802.11n(20M)	5240	MCS0	ANT1	30~5140	2518.23	-55.97	≤-27	Pass
						5360~40000	10482.50	-60.57	≤-27	Pass
7	NTNV	802.11n(40M)	5190	MCS0	ANT1	30~5140	5138.89	-53.32	≤-27	Pass
						5360~40000	37747.90	-64.90	≤-27	Pass
8	NTNV	802.11n(40M)	5230	MCS0	ANT1	30~5140	1024.80	-62.45	≤-27	Pass
						5360~40000	10459.40	-63.97	≤-27	Pass
9	NTNV	802.11ac(20M)	5180	MCS0	ANT1	30~5140	2552.64	-54.27	≤-27	Pass
						5360~40000	10360.10	-61.30	≤-27	Pass
10	NTNV	802.11ac(20M)	5200	MCS0	ANT1	30~5140	2535.09	-46.91	≤-27	Pass
						5360~40000	10401.70	-62.30	≤-27	Pass
11	NTNV	802.11ac(20M)	5240	MCS0	ANT1	30~5140	1034.85	-60.74	≤-27	Pass

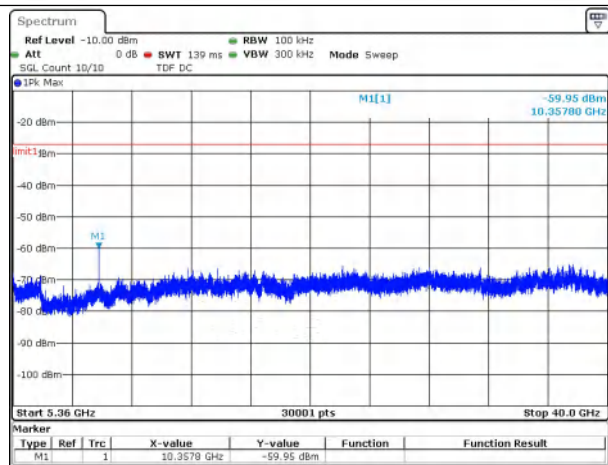
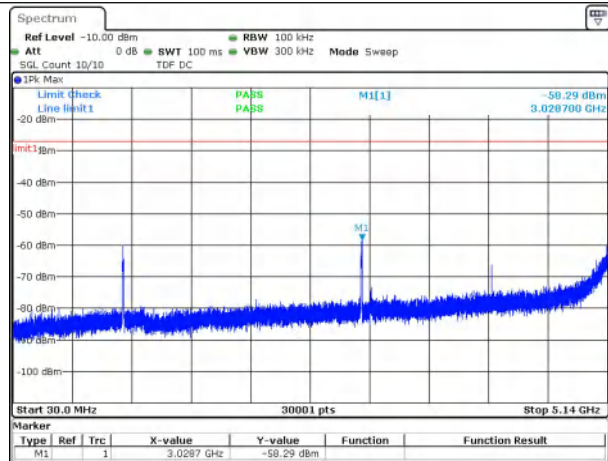
		)				5360~40000	10477.9 0	-59.35	≤-27	Pass
12	NTNV	802.11ac(40M)	5190	MCS0	ANT1	30~5140	5139.40	-60.06	≤-27	Pass
						5360~40000	38048.1 0	-63.84	≤-27	Pass
13	NTNV	802.11ac(40M)	5230	MCS0	ANT1	30~5140	5132.93	-61.95	≤-27	Pass
						5360~40000	10454.8 0	-62.85	≤-27	Pass
14	NTNV	802.11ac(80M)	5210	MCS0	ANT1	30~5140	5137.87	-59.56	≤-27	Pass
						5360~40000	29679.4 0	-64.87	≤-27	Pass

Test Graphs

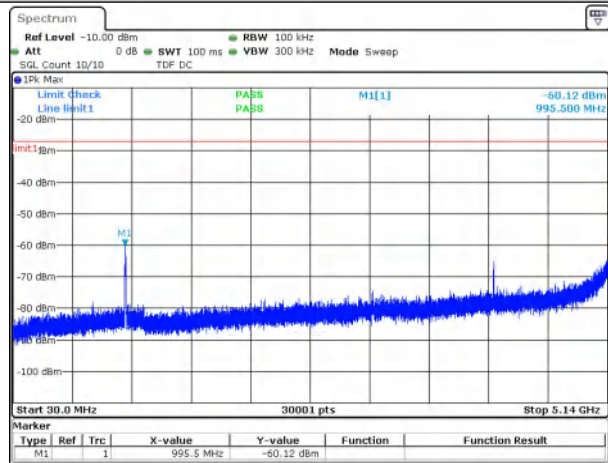


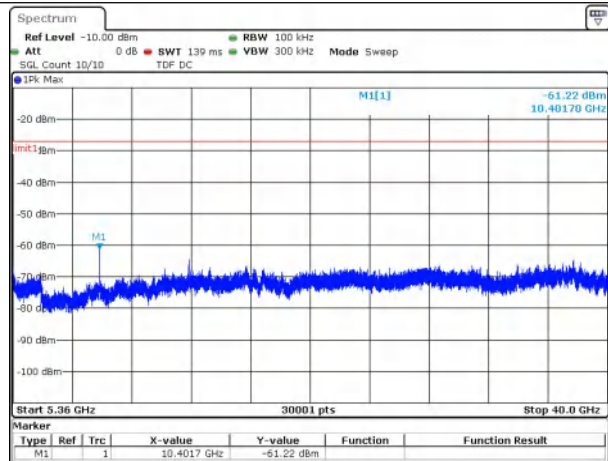


NTNV_802.11n(20M)_5180_MCS0_ANT1



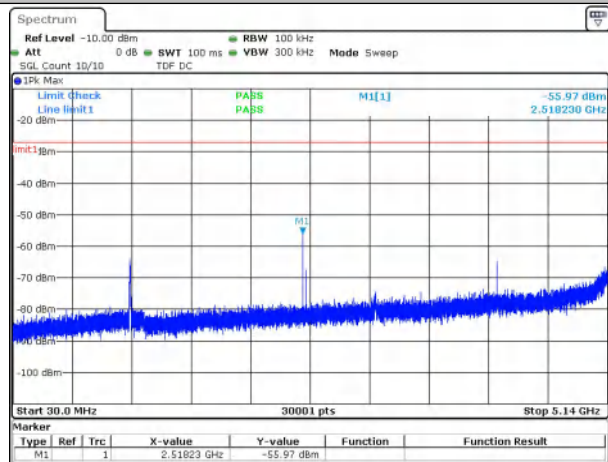
NTNV_802.11n(20M)_5200_MCS0_ANT1



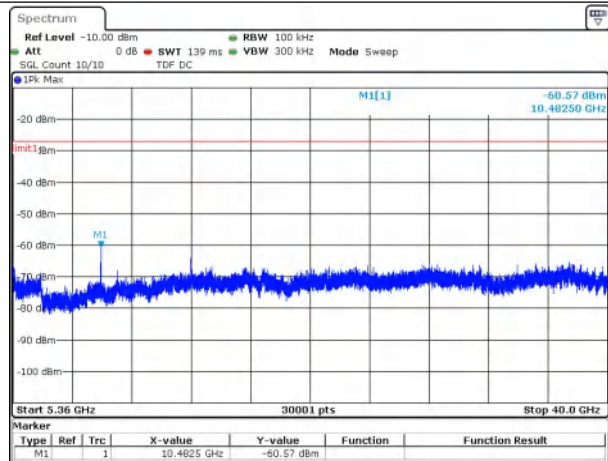


Date: 15 SEP 2026 19:13:46

NTNV_802.11n(20M)_5240_MCS0_ANT1

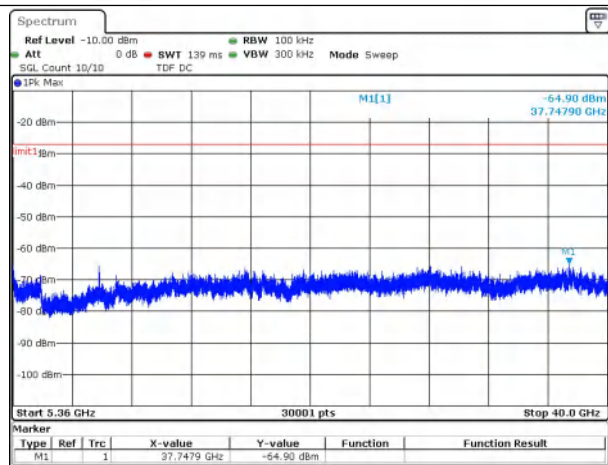
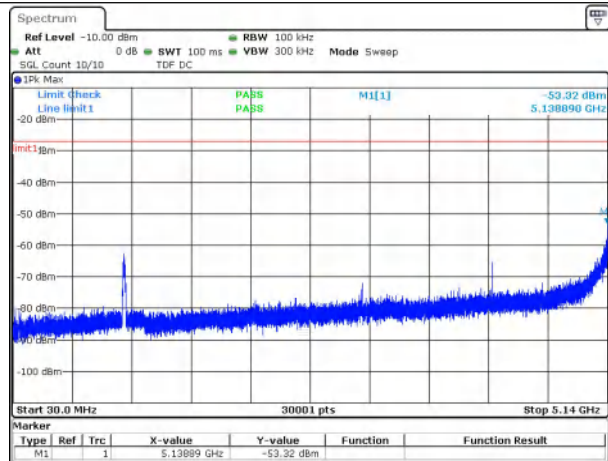


Date: 15 SEP 2026 19:16:06

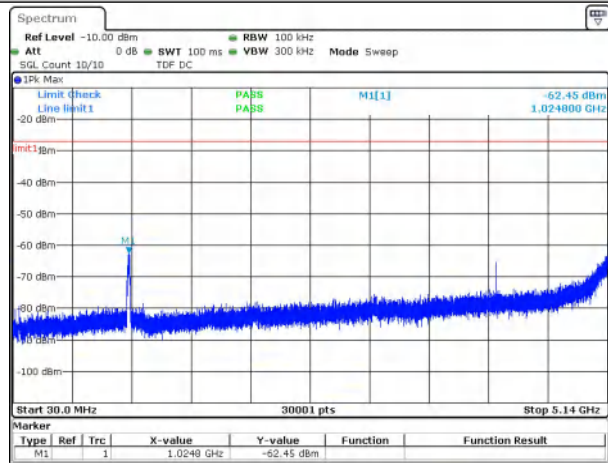


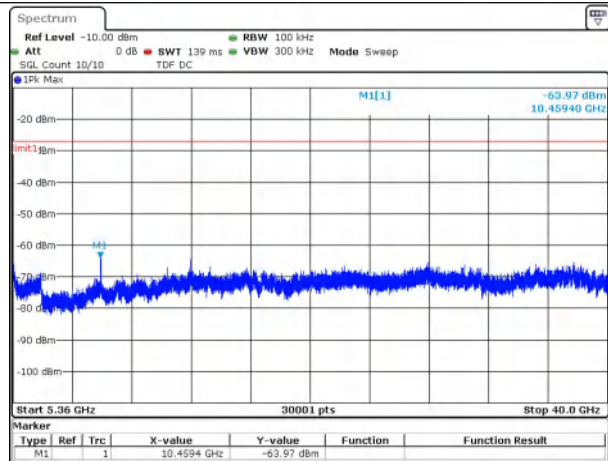
Date: 15 SEP 2026 19:16:24

NTNV_802.11n(40M)_5190_MCS0_ANT1



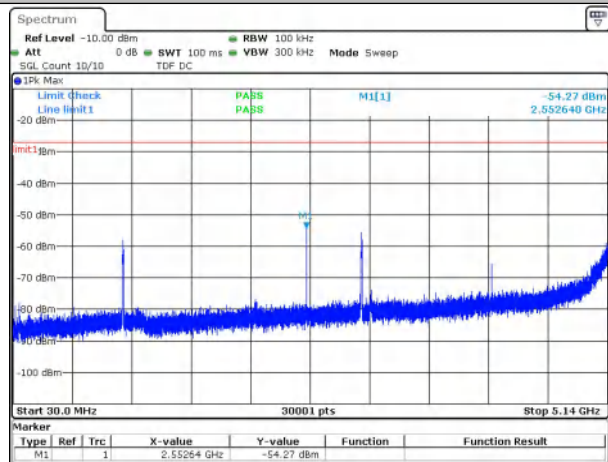
NTNV_802.11n(40M)_5230_MCS0_ANT1



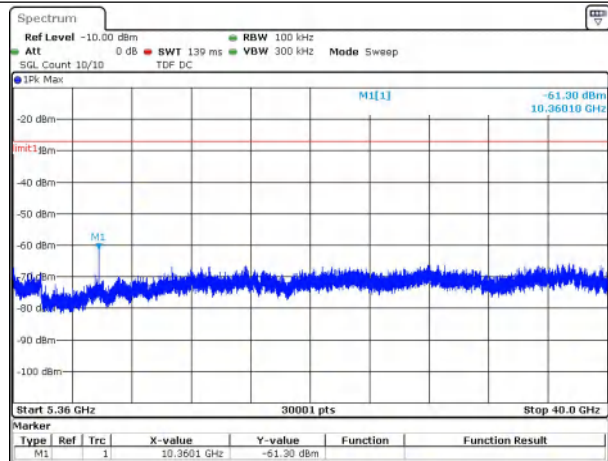


Date: 16 SEP 2026 10:33:05

NTNV_802.11ac(20M)_5180_MCS0_ANT1

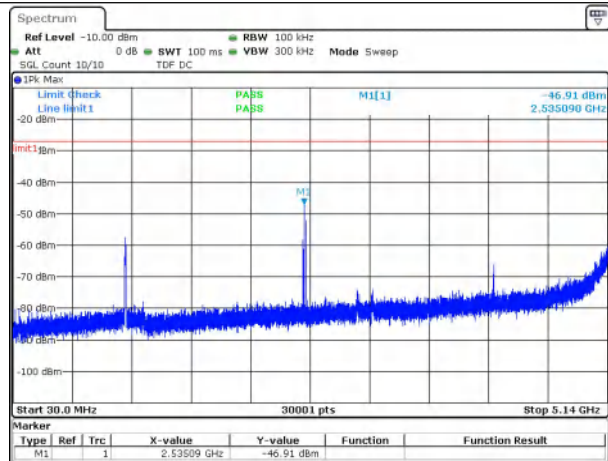


Date: 16 SEP 2026 10:18:28

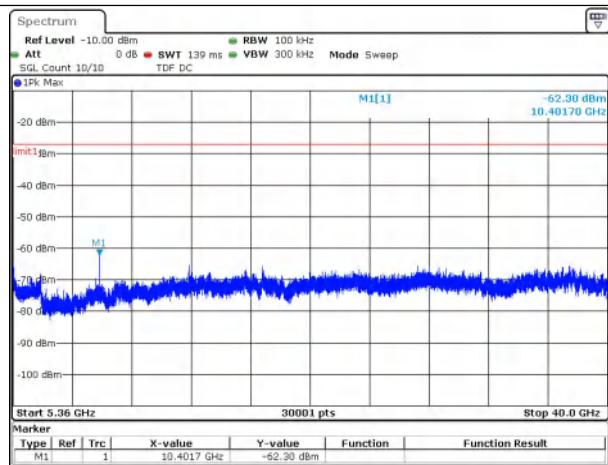


Date: 16 SEP 2026 10:18:44

NTNV_802.11ac(20M)_5200_MCS0_ANT1

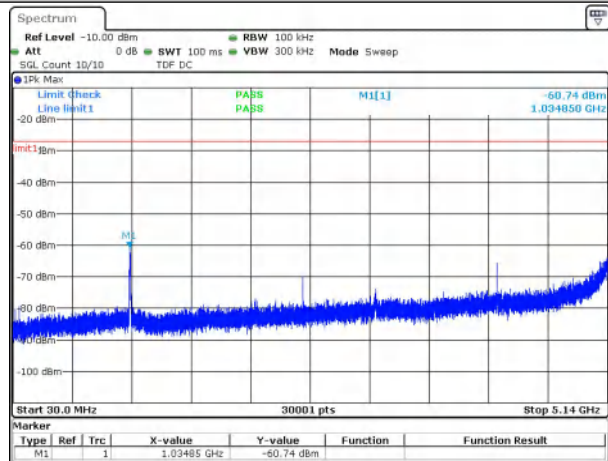


Date: 16 SEP 2026 10:21:08

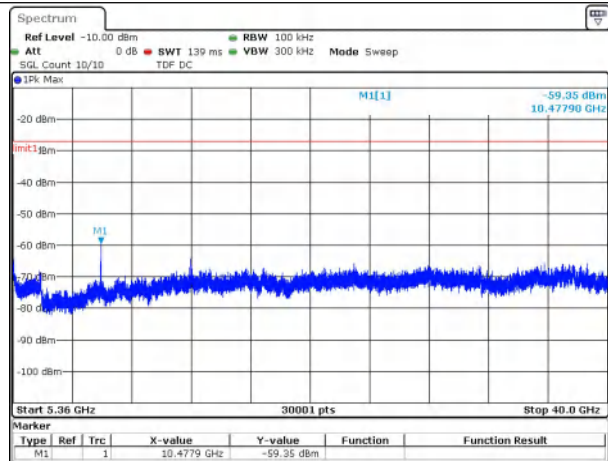


Date: 16 SEP 2026 10:21:26

NTNV_802.11ac(20M)_5240_MCS0_ANT1

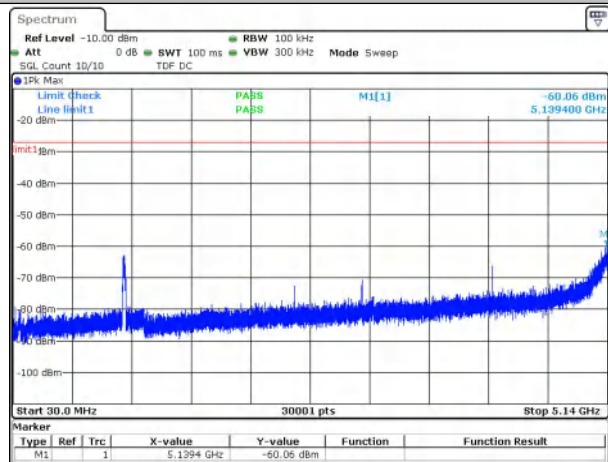


Date: 16 SEP 2026 10:23:53

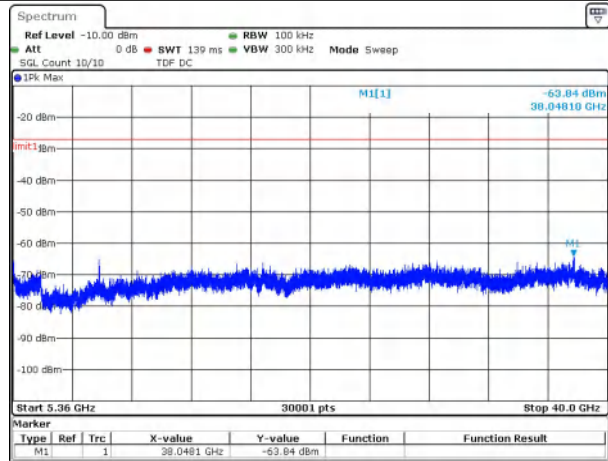


Date: 16 SEP 2026 10:24:10

NTNV_802.11ac(40M)_5190_MCS0_ANT1

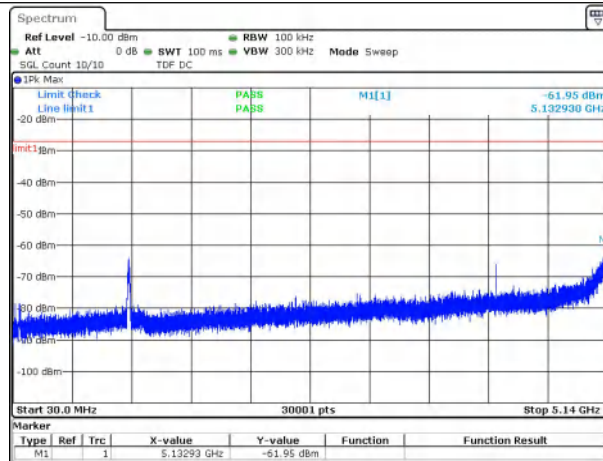


Date: 16 SEP 2026 10:36:07

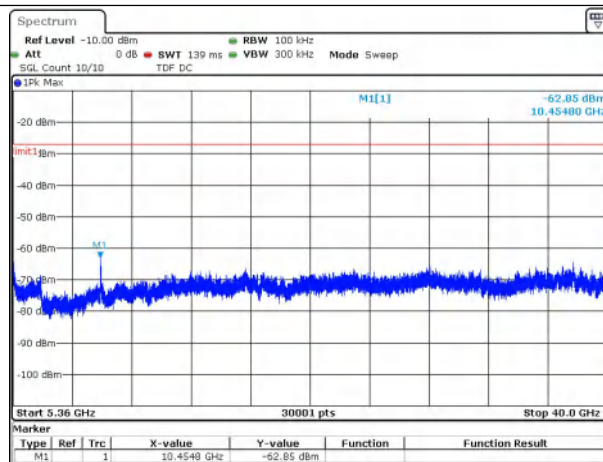


Date: 16 SEP 2026 10:36:24

NTNV_802.11ac(40M)_5230_MCS0_ANT1

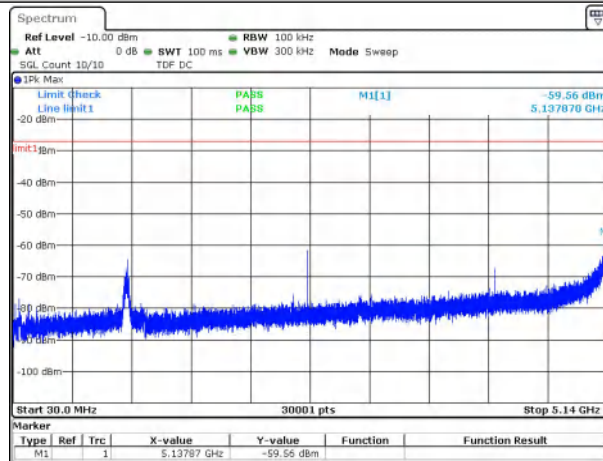


Date: 16 SEP 2026 10:39:08

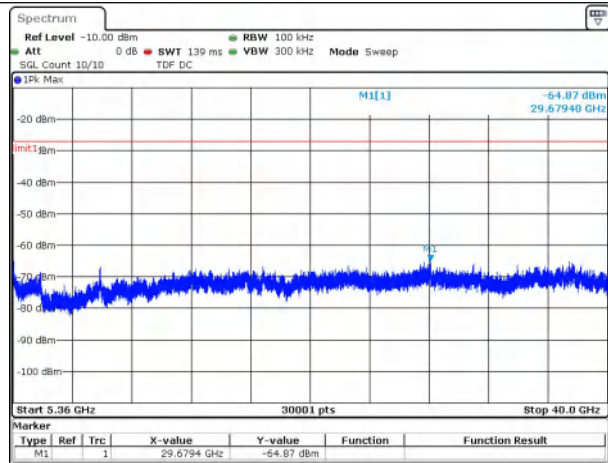


Date: 16 SEP 2026 10:39:26

NTNV_802.11ac(80M)_5210_MCS0_ANT1



Date: 16 SEP 2026 10:44:38



Date: 16 SEP 2026 10:44:55

Appendix G: Frequency Stability

Test Result

Frequency Stability Versus Temp.			
Operating Frequency: 5240 MHz			
Temp	Voltage	Measured Frequency	Limit
(°C)		(MHz)	(MHz)
50	VN	5240.19	5150-5250
40		5240.15	5150-5250
30		5240.14	5150-5250
20		5240.63	5150-5250
10		5240.15	5150-5250
0		5240.25	5150-5250
-10		5240.14	5150-5250
-30		5240.64	5150-5250

Frequency Stability Versus Temp.			
Operating Frequency: 5210 MHz			
Temp.	Voltage	Measured Frequency	Limit
		(MHz)	(MHz)
TN	VL.132V	5210.32	5150-5250
	VN.120V	5210.61	5150-5250
	VH.108V	5210.35	5150-5250