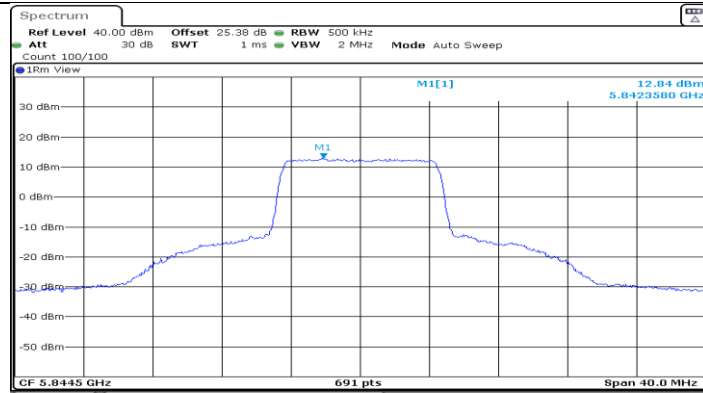
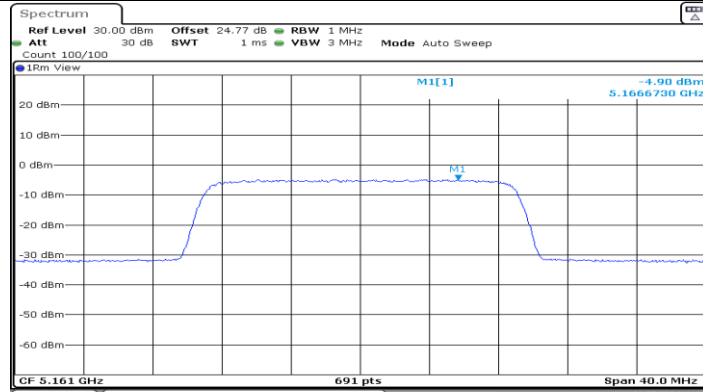




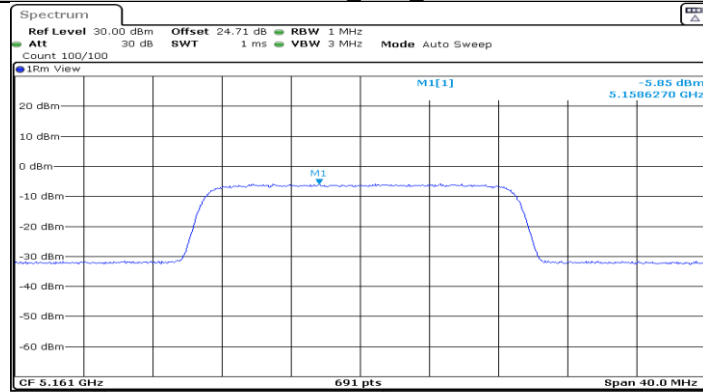
Date: 11 JUL 2024 08:26:02

SRD 10M Ant5 5844.5



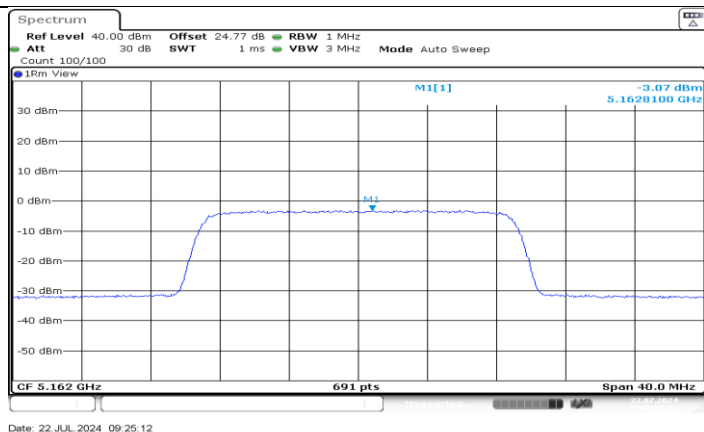
Date: 11 JUL 2024 04:18:34

SRD 20M Ant4 5161



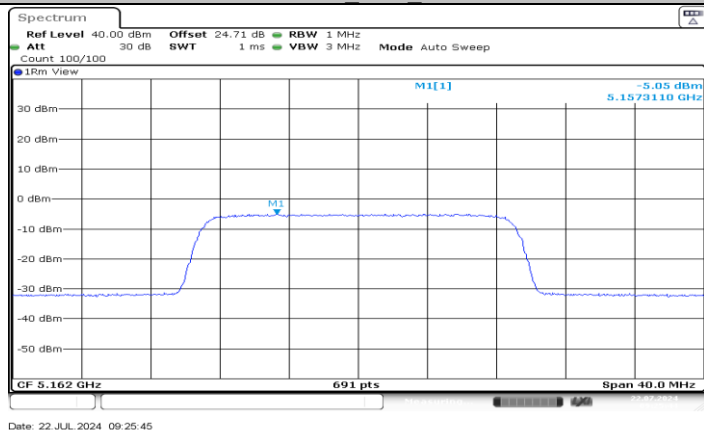
Date: 11 JUL 2024 04:19:22

SRD 20M Ant5 5161



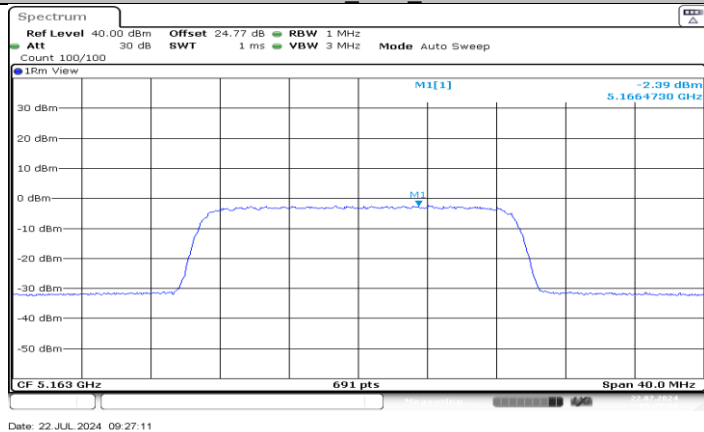
Date: 22 JUL 2024 09:25:12

SRD 20M Ant4 5162



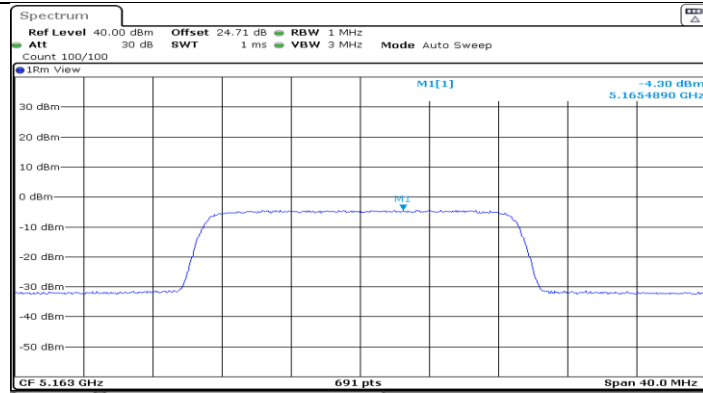
Date: 22 JUL 2024 09:25:45

SRD 20M Ant5 5162



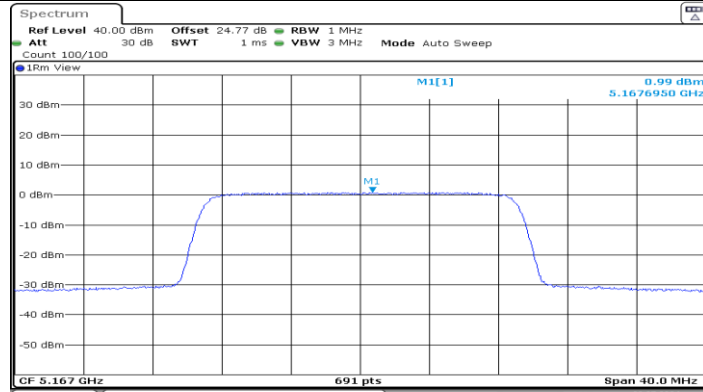
Date: 22 JUL 2024 09:27:11

SRD 20M Ant4 5163



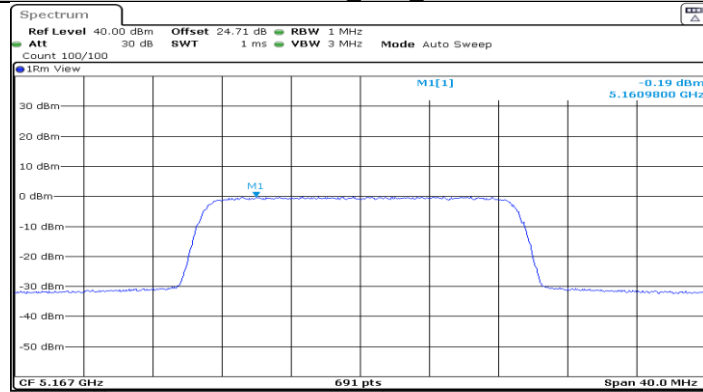
Date: 22 JUL 2024 09:27:44

SRD 20M Ant5 5163



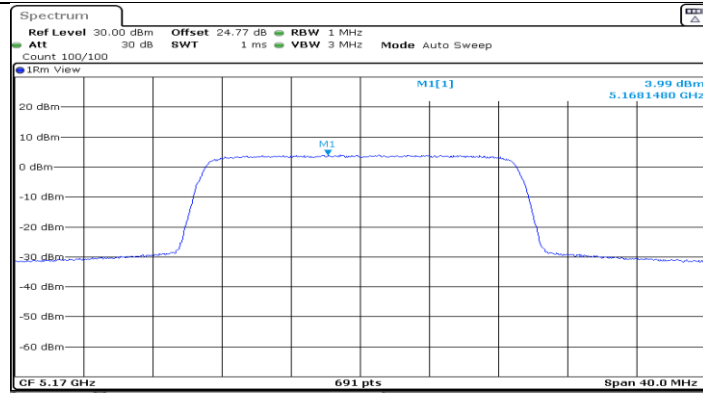
Date: 22 JUL 2024 09:28:55

SRD 20M Ant4 5167



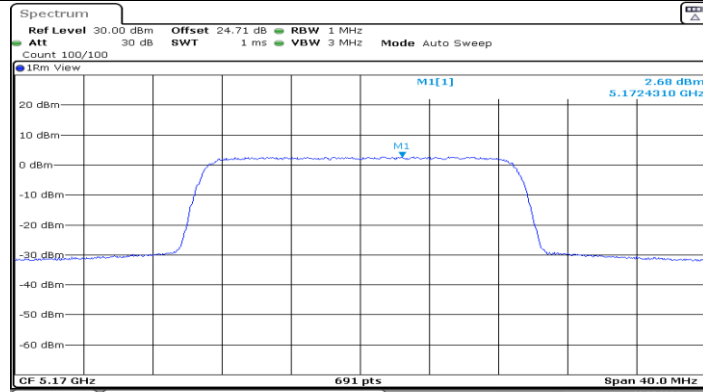
Date: 22 JUL 2024 09:29:28

SRD 20M Ant5 5167



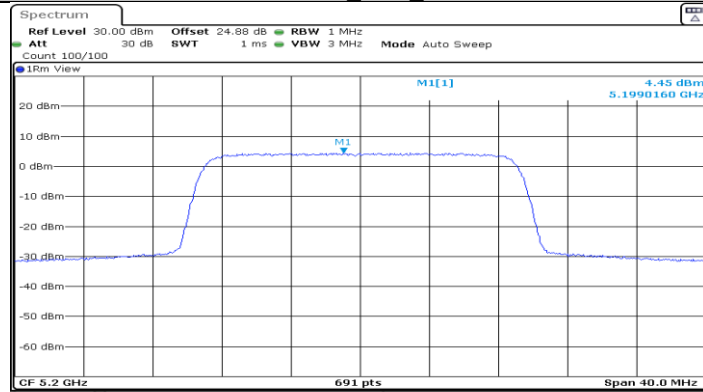
Date: 11 JUL 2024 04:45:07

SRD 20M Ant4 5170



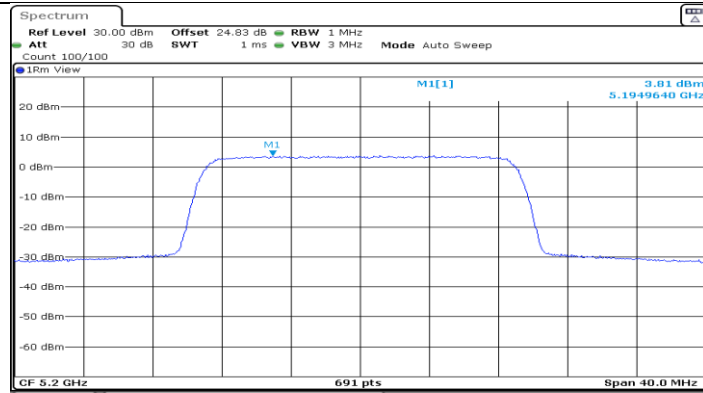
Date: 11 JUL 2024 04:45:39

SRD 20M Ant5 5170



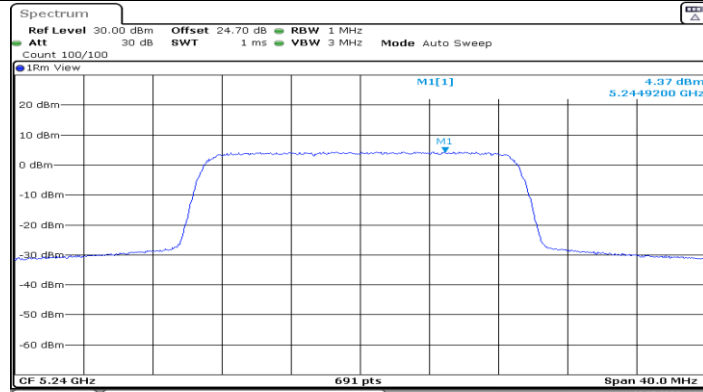
Date: 11 JUL 2024 04:49:18

SRD 20M Ant4 5200



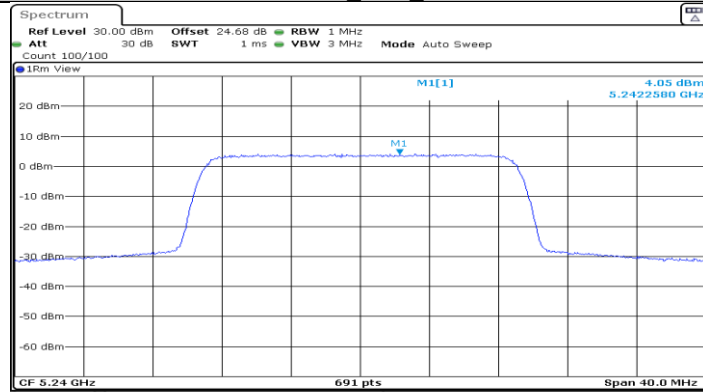
Date: 11 JUL 2024 04:50:06

SRD 20M Ant5 5200



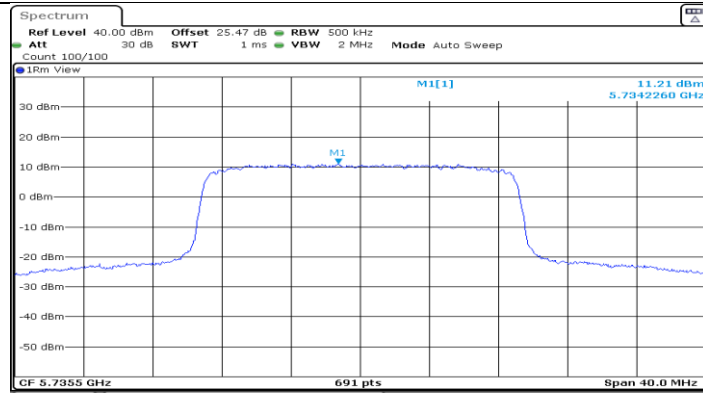
Date: 11 JUL 2024 04:53:42

SRD 20M Ant4 5240



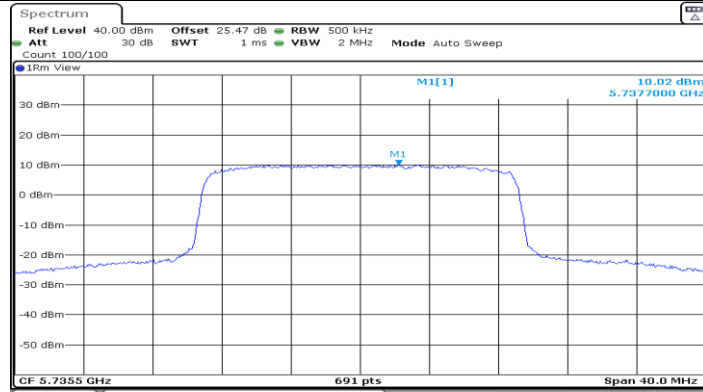
Date: 11 JUL 2024 04:54:30

SRD 20M Ant5 5240



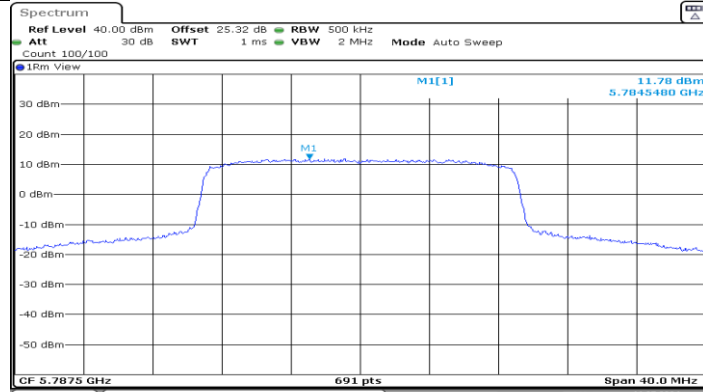
Date: 11 JUL 2024 08:34:36

SRD 20M Ant4 5735.5



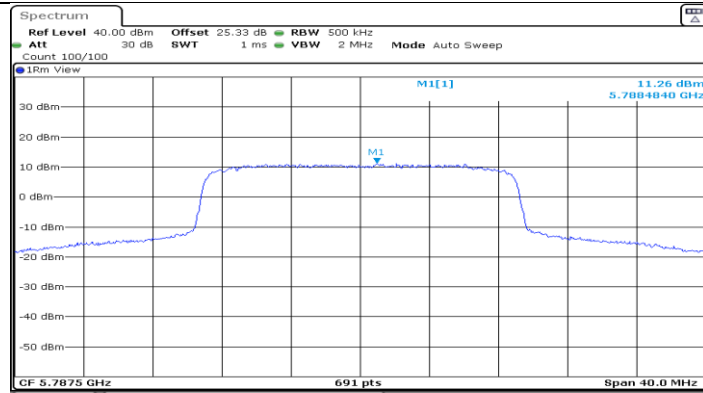
Date: 11 JUL 2024 08:35:40

SRD 20M Ant5 5735.5



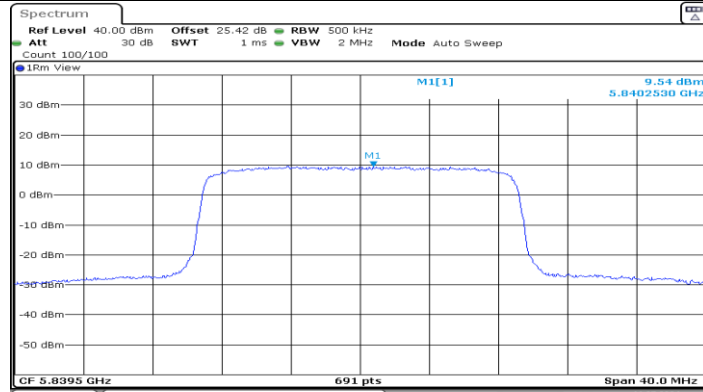
Date: 11 JUL 2024 08:50:24

SRD 20M Ant4 5787.5



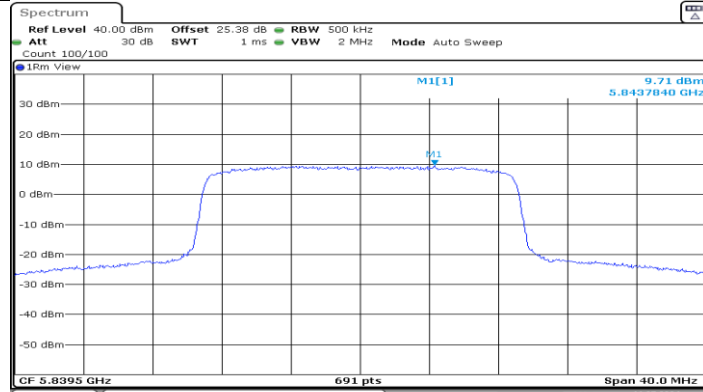
Date: 11 JUL 2024 08:51:28

SRD 20M Ant5 5787.5



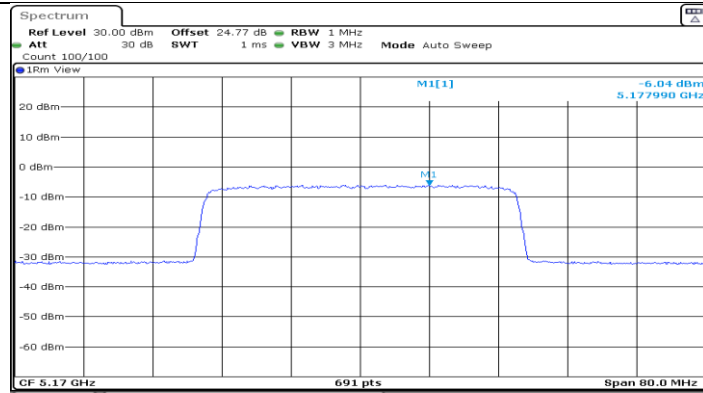
Date: 11 JUL 2024 09:00:06

SRD 20M Ant4 5839.5



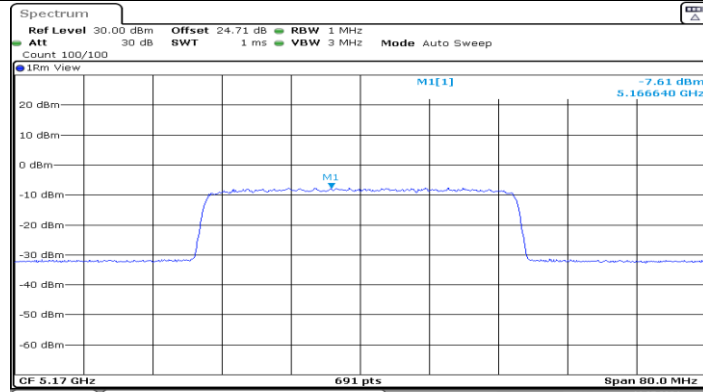
Date: 11 JUL 2024 09:01:11

SRD 20M Ant5 5839.5



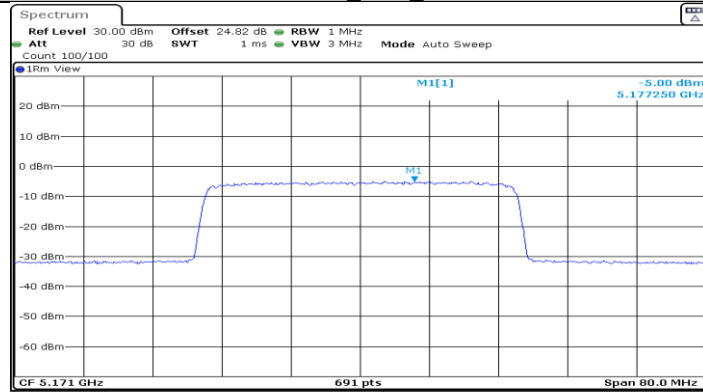
Date: 11 JUL 2024 05:06:06

SRD 40M Ant4 5170



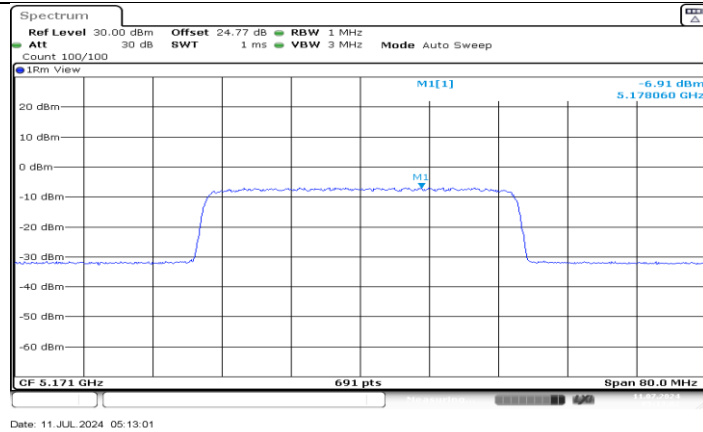
Date: 11 JUL 2024 05:06:39

SRD 40M Ant5 5170



Date: 11 JUL 2024 05:12:28

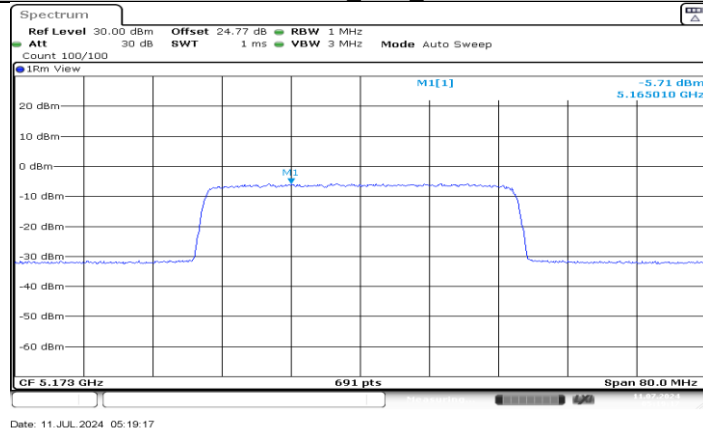
SRD 40M Ant4 5171



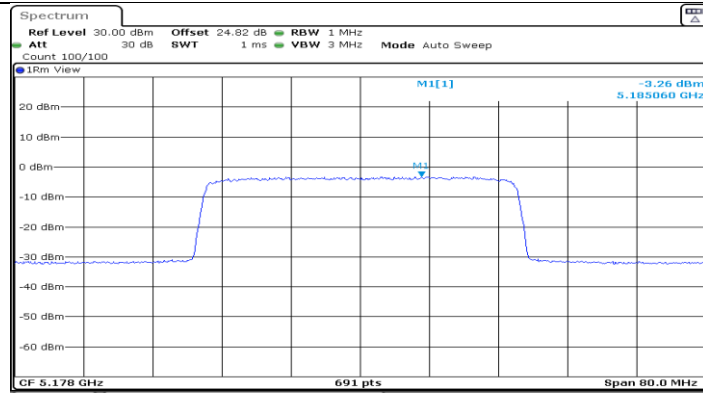
SRD 40M Ant5 5171



SRD 40M Ant4 5173

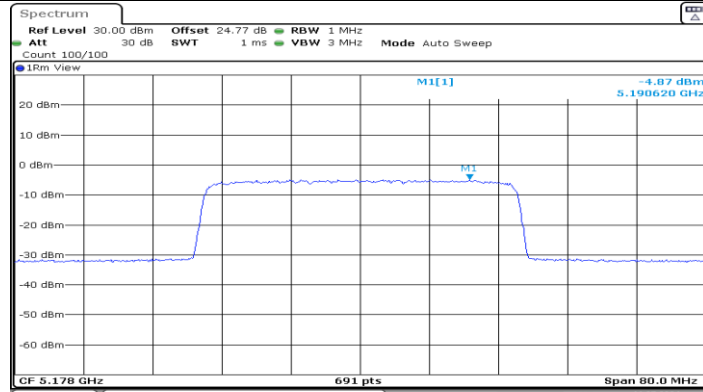


SRD 40M Ant5 5173



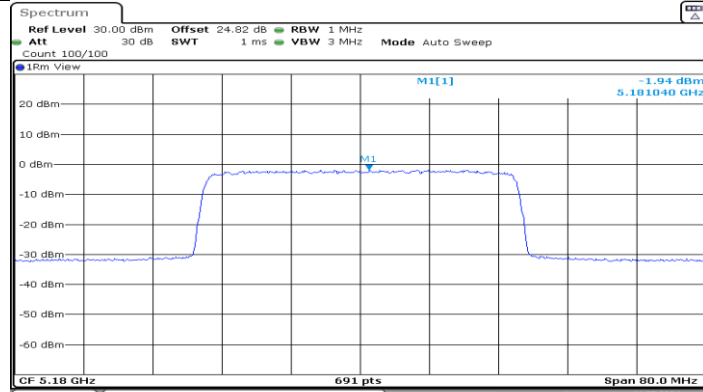
Date: 11 JUL 2024 05:25:21

SRD 40M Ant4 5178



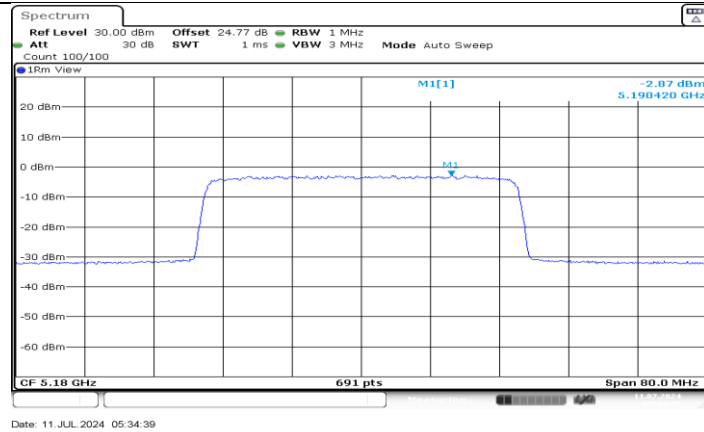
Date: 11 JUL 2024 05:26:09

SRD 40M Ant5 5178

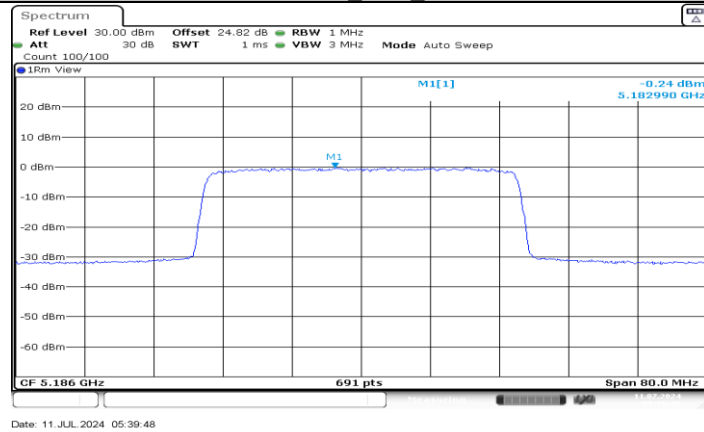


Date: 11 JUL 2024 05:34:06

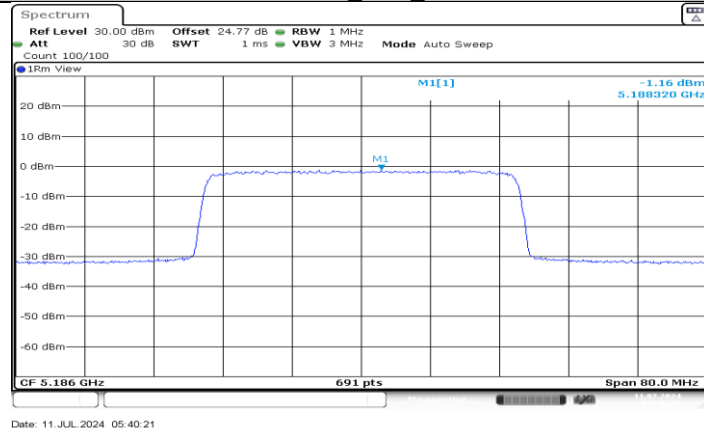
SRD 40M Ant4 5180



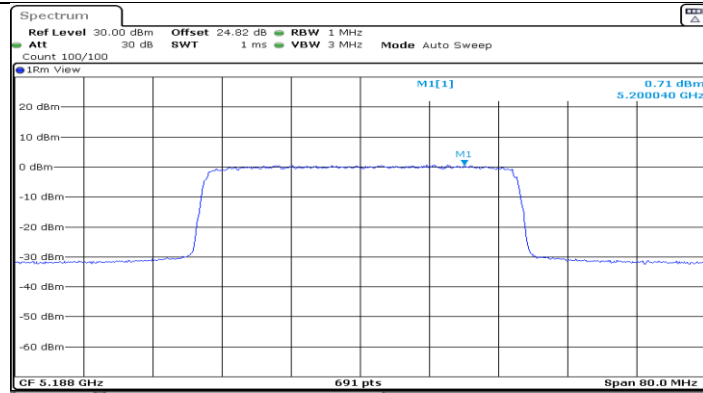
SRD 40M Ant5 5180



SRD 40M Ant4 5186

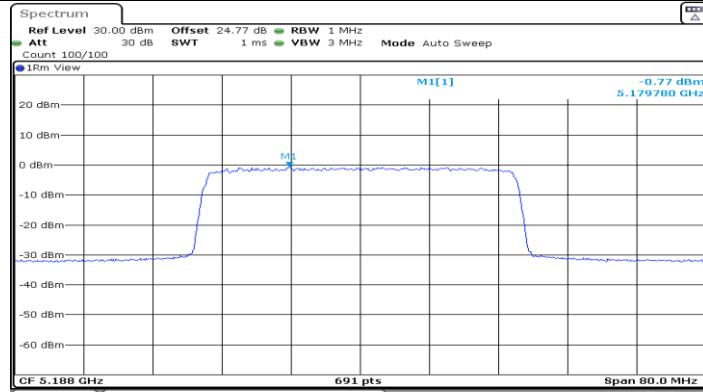


SRD 40M Ant5 5186



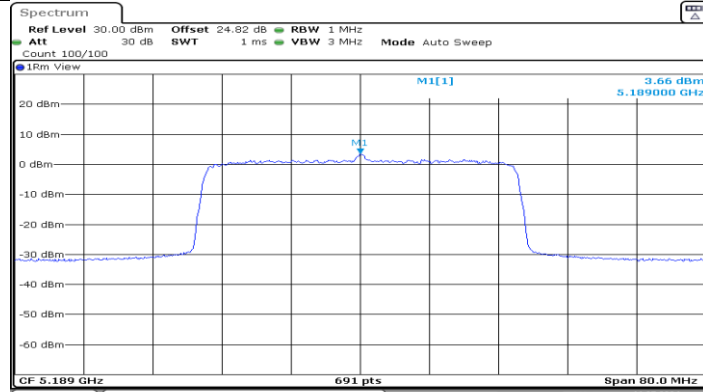
Date: 11 JUL 2024 05:45:11

SRD 40M Ant4 5188



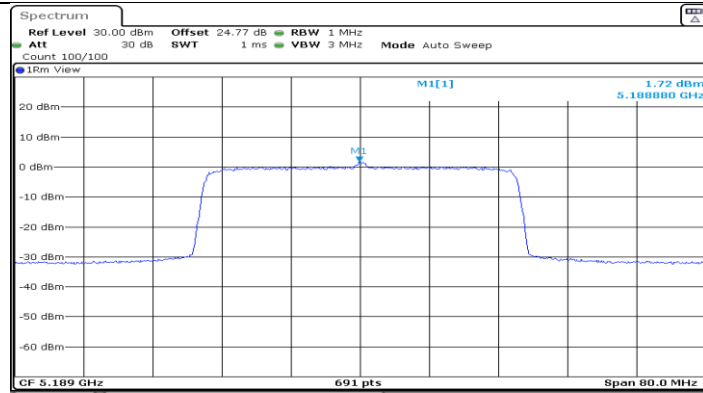
Date: 11 JUL 2024 05:45:44

SRD 40M Ant5 5188



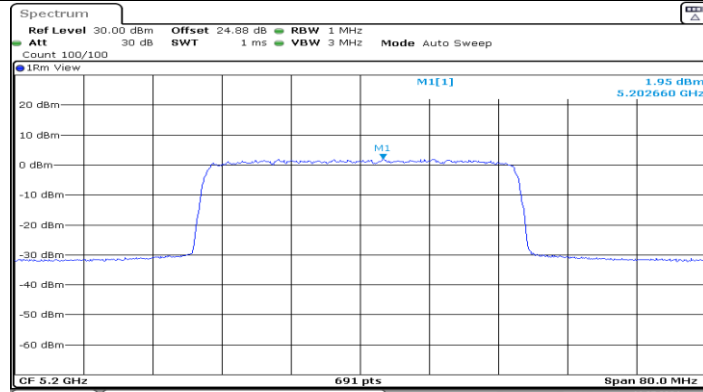
Date: 11 JUL 2024 05:53:16

SRD 40M Ant4 5189



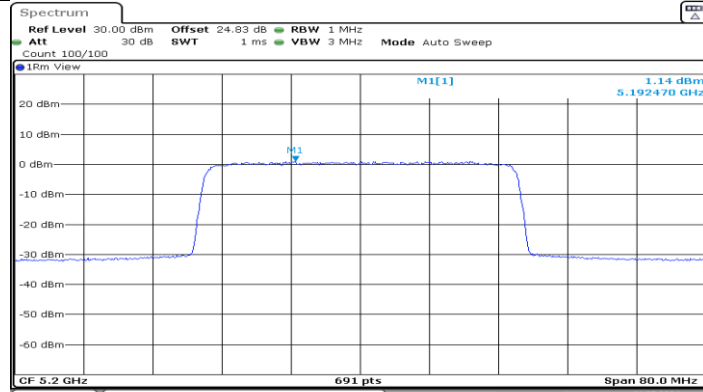
Date: 11 JUL 2024 05:53:48

SRD 40M Ant5 5189



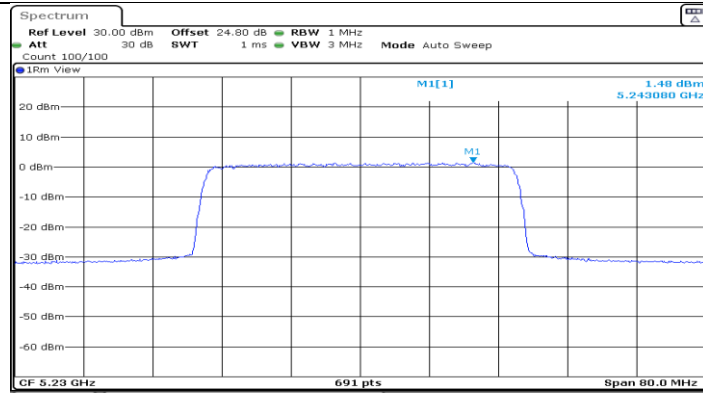
Date: 11 JUL 2024 05:58:20

SRD 40M Ant4 5200



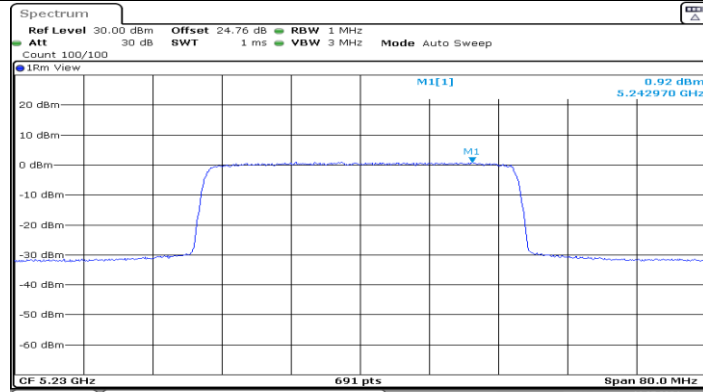
Date: 11 JUL 2024 05:58:53

SRD 40M Ant5 5200



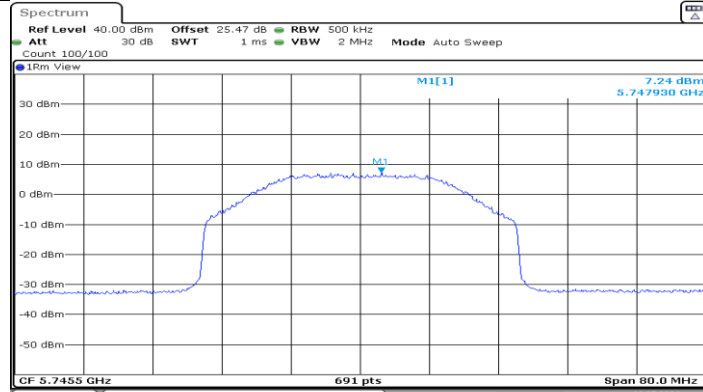
Date: 11 JUL 2024 06:04:02

SRD 40M Ant4 5230



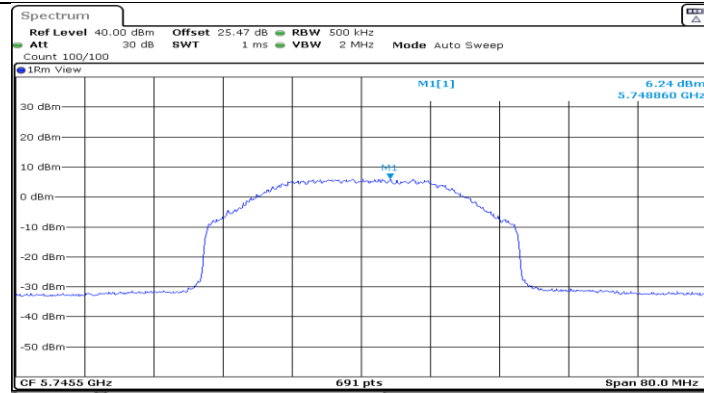
Date: 11 JUL 2024 06:04:35

SRD 40M Ant5 5230



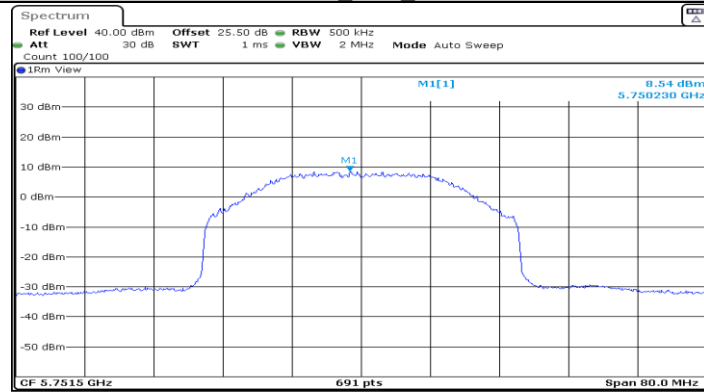
Date: 11 JUL 2024 09:13:29

SRD 40M Ant4 5745.5



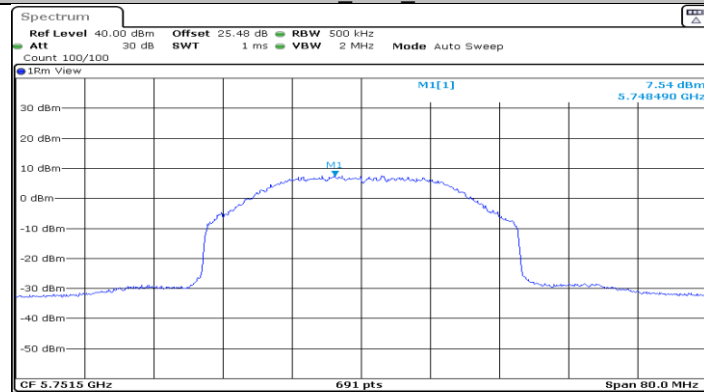
Date: 11 JUL 2024 09:14:33

SRD 40M Ant5 5745.5



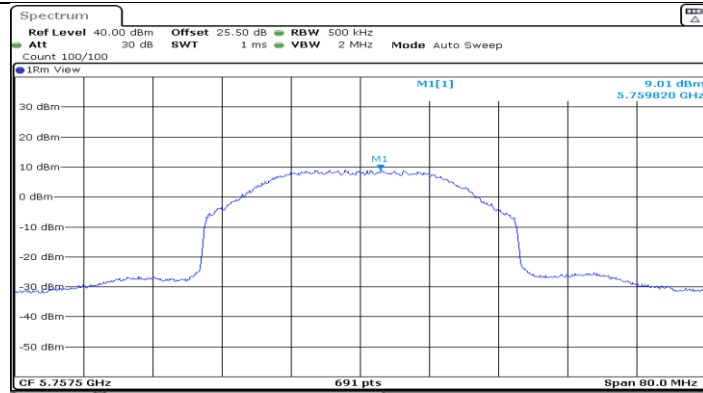
Date: 11 JUL 2024 09:26:44

SRD 40M Ant4 5751.5



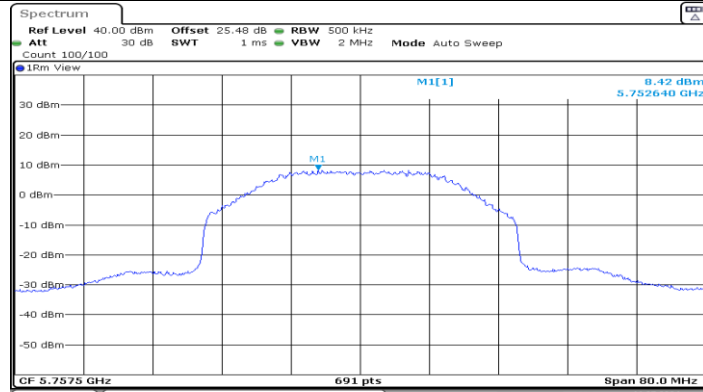
Date: 11 JUL 2024 09:27:48

SRD 40M Ant5 5751.5



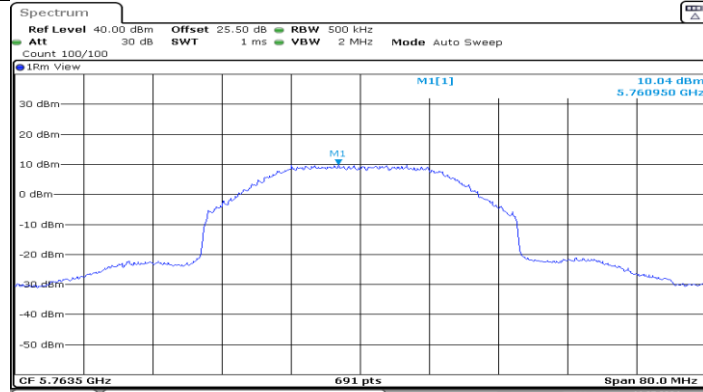
Date: 11 JUL 2024 09:30:44

SRD 40M Ant4 5757.5



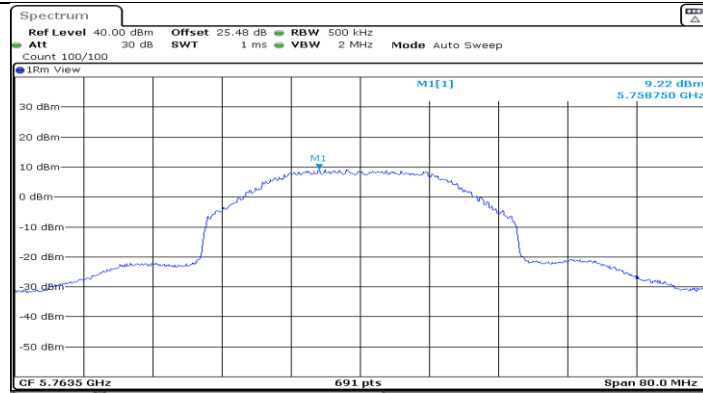
Date: 11 JUL 2024 09:32:09

SRD 40M Ant5 5757.5



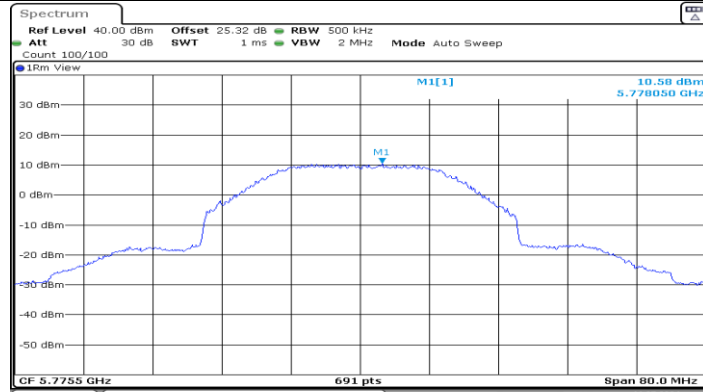
Date: 11 JUL 2024 09:36:11

SRD 40M Ant4 5763.5



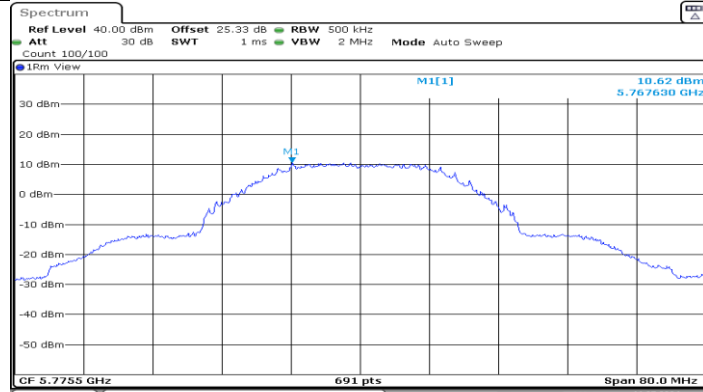
Date: 11 JUL 2024 09:37:36

SRD 40M Ant5 5763.5



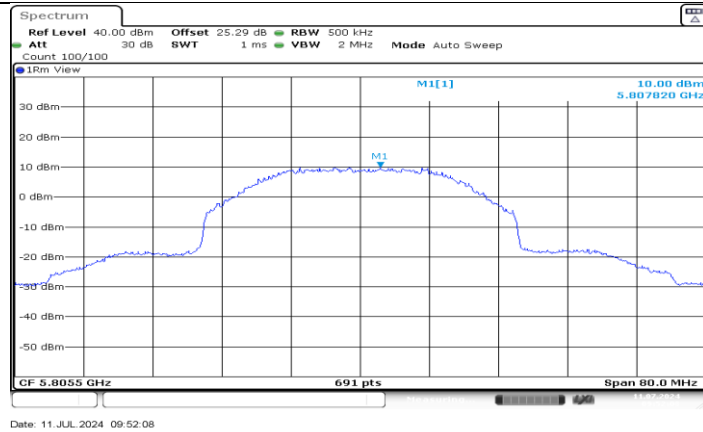
Date: 11 JUL 2024 09:44:09

SRD 40M Ant4 5775.5

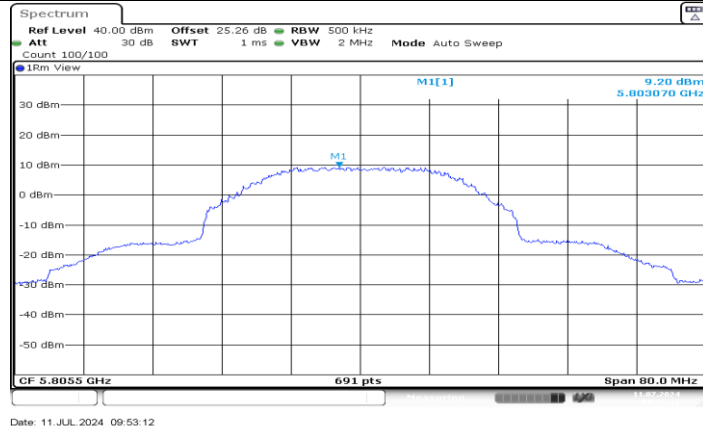


Date: 11 JUL 2024 09:45:14

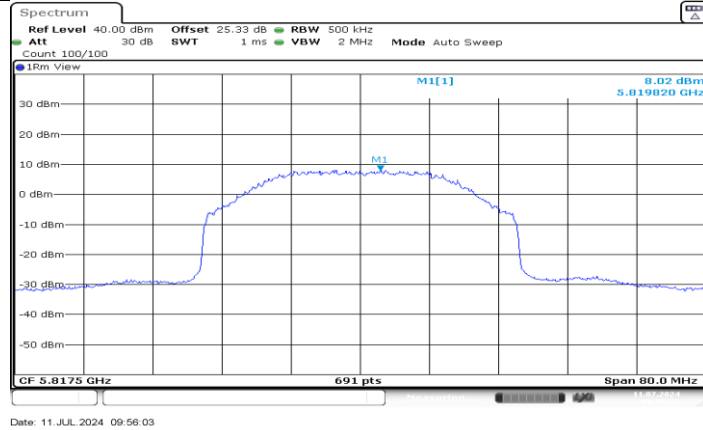
SRD 40M Ant5 5775.5



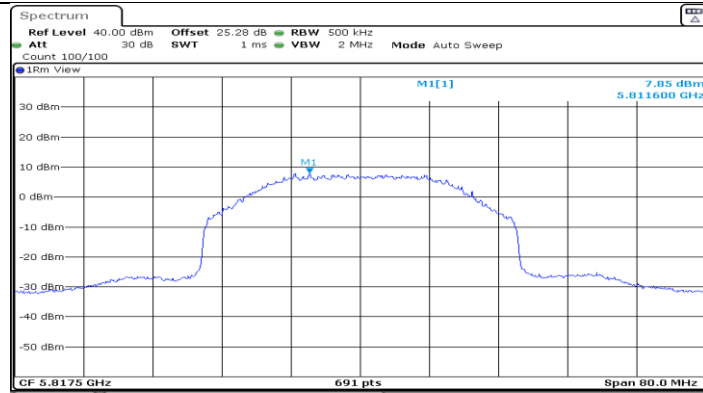
SRD 40M Ant4 5805.5



SRD 40M Ant5 5805.5

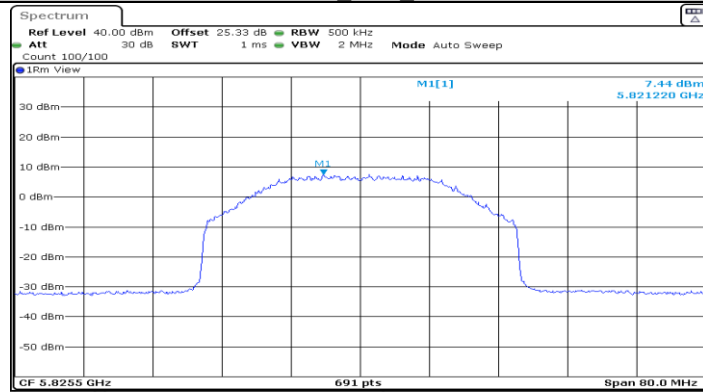


SRD 40M Ant4 5817.5



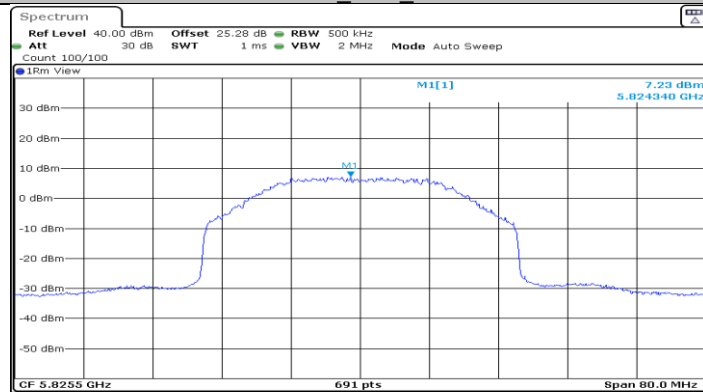
Date: 11 JUL 2024 09:57:28

SRD 40M Ant5 5817.5



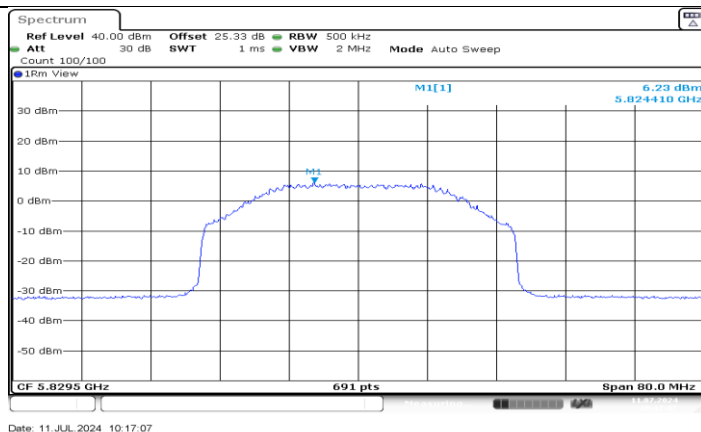
Date: 11 JUL 2024 10:10:51

SRD 40M Ant4 5825.5

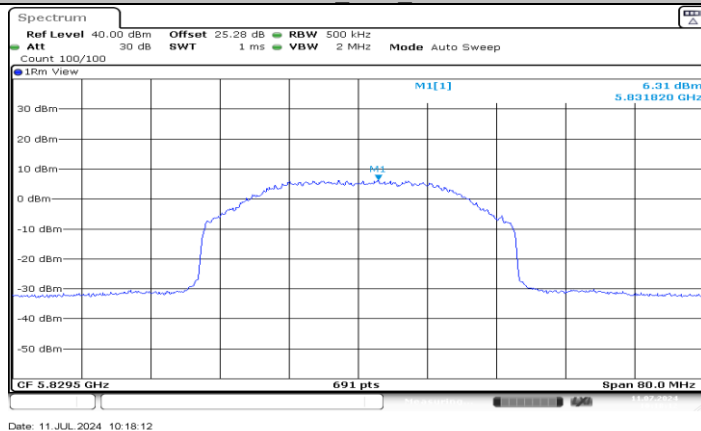


Date: 11 JUL 2024 10:11:55

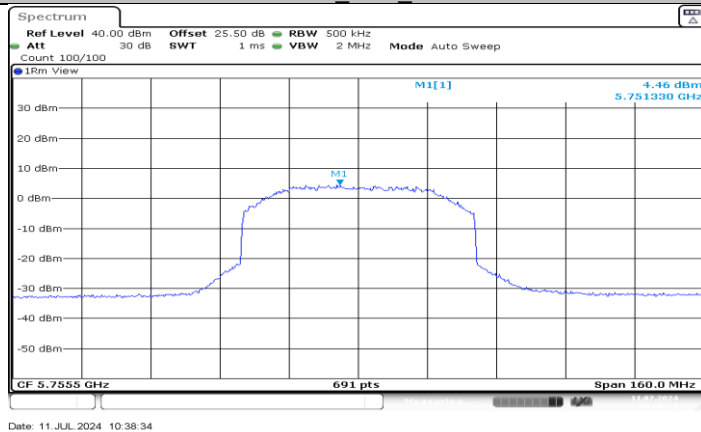
SRD 40M Ant5 5825.5



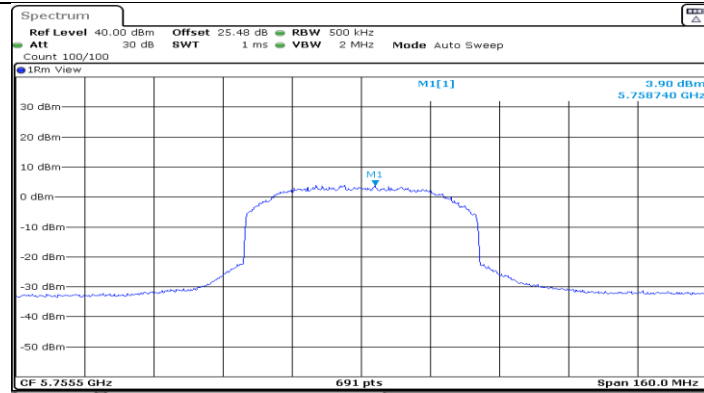
SRD 40M Ant4 5829.5



SRD 40M Ant5 5829.5

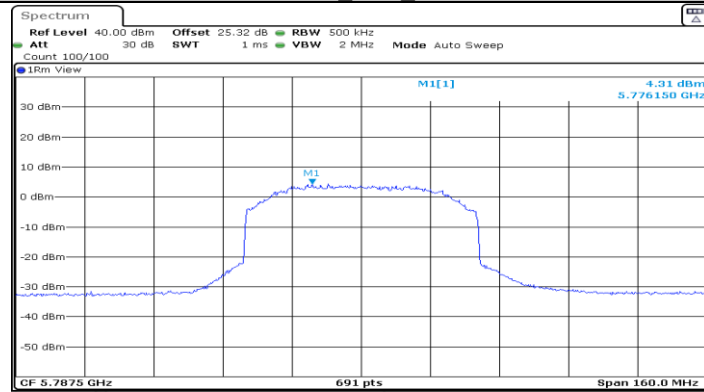


SRD 60M Ant4 5755.5



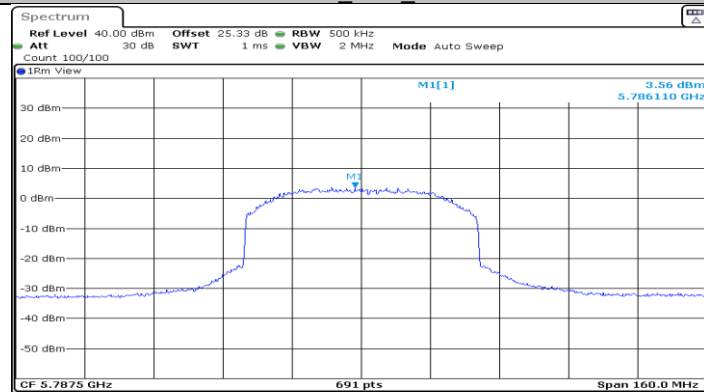
Date: 11 JUL 2024 10:39:38

SRD 60M Ant5 5755.5



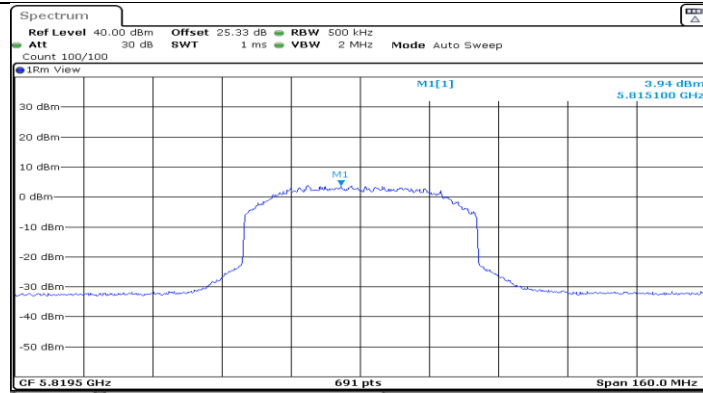
Date: 11 JUL 2024 10:54:10

SRD 60M Ant4 5787.5



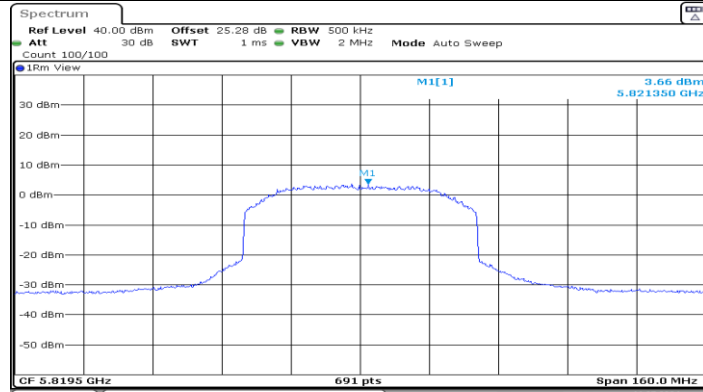
Date: 11 JUL 2024 10:55:14

SRD 60M Ant5 5787.5



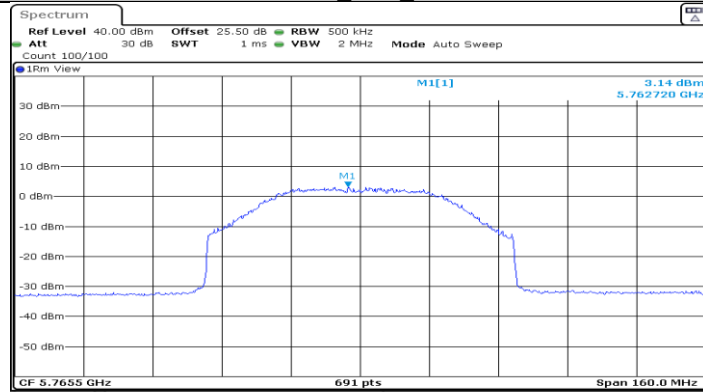
Date: 11 JUL 2024 10:49:12

SRD 60M Ant4 5819.5



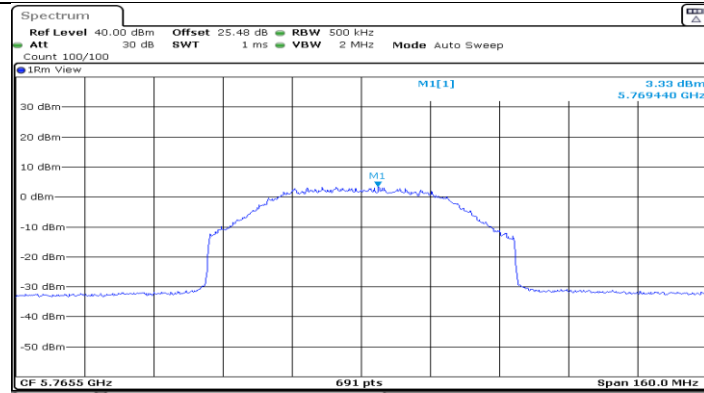
Date: 11 JUL 2024 10:51:33

SRD 60M Ant5 5819.5



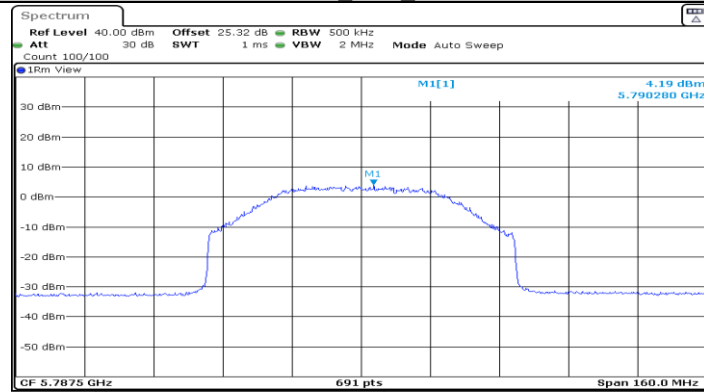
Date: 11 JUL 2024 11:05:24

SRD 80M Ant4 5765.5



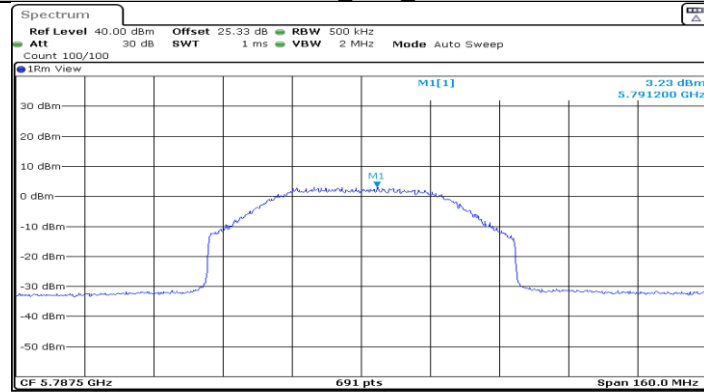
Date: 11 JUL 2024 11:06:29

SRD 80M Ant5 5765.5



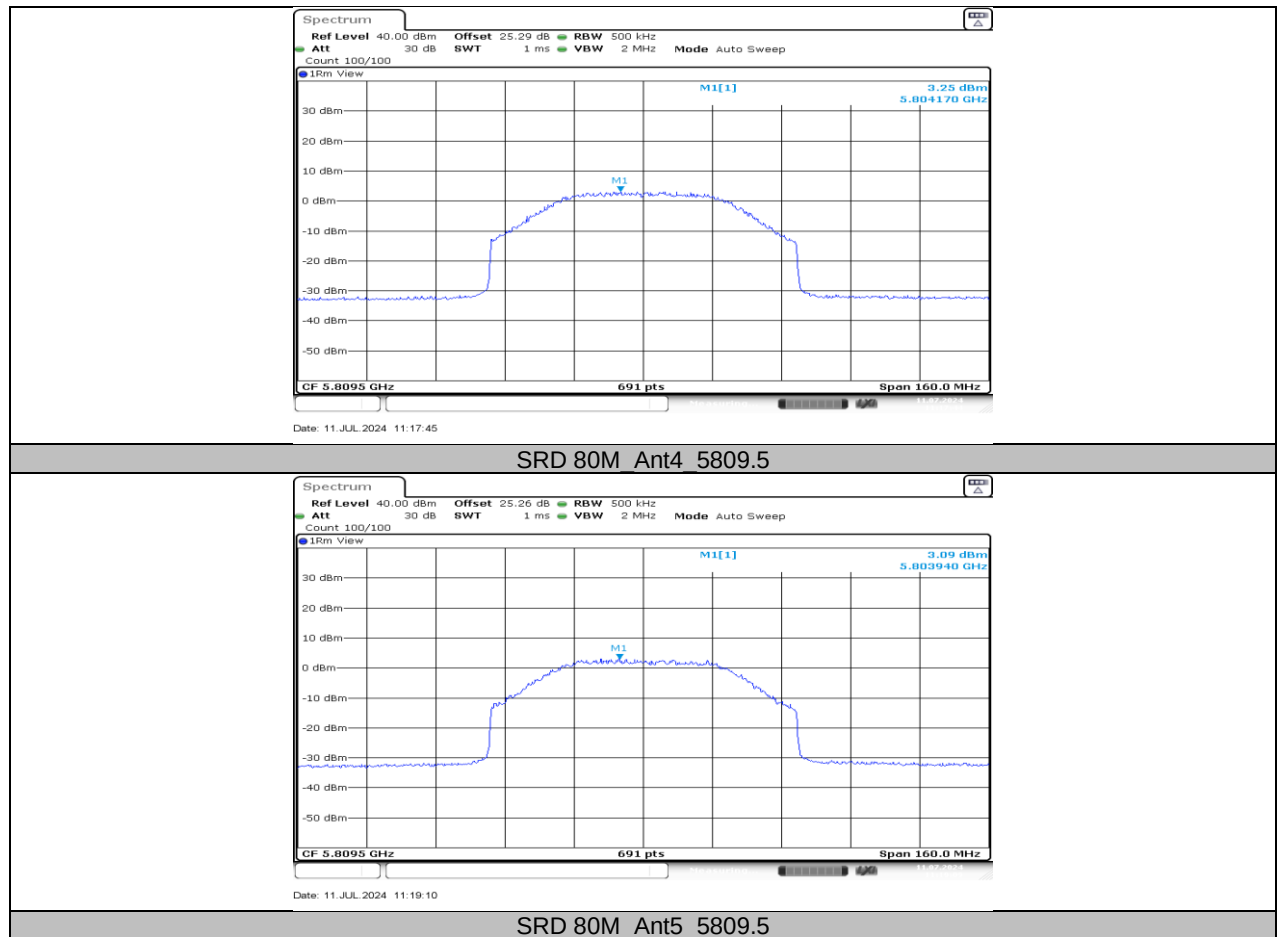
Date: 11 JUL 2024 11:13:06

SRD 80M Ant4 5787.5



Date: 11 JUL 2024 11:14:11

SRD 80M Ant5 5787.5



11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5159MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5730.5051	0.89	5730.5129	2.26	5730.5096	1.68	5730.4889	-1.94
TN	VN	5730.5132	2.30	5730.5186	3.24	5730.4793	-3.61	5730.5106	1.85
TN	VH	5730.4761	-4.18	5730.5059	1.03	5730.4953	-0.81	5730.4929	-1.25
Frequency Error vs. Temperature									
802.11a:5159MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	5730.4771	-3.99	5730.4771	-4.00	5730.4928	-1.26	5730.5041	0.72
30	VN	5730.5208	3.63	5730.5234	4.08	5730.4948	-0.90	5730.5054	0.95
20	VN	5730.4857	-2.50	5730.4751	-4.35	5730.5072	1.25	5730.5240	4.19
10	VN	5730.4821	-3.13	5730.4979	-0.37	5730.5235	4.10	5730.5175	3.05
0	VN	5730.4954	-0.80	5730.4797	-3.54	5730.4777	-3.89	5730.5172	2.99
-10	VN	5730.5207	3.61	5730.4849	-2.63	5730.4784	-3.76	5730.5021	0.36

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: DUTY CYCLE

11.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
SRD 10M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 20M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 40M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 60M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01
SRD 80M	100.00	100.00	1.0000	100.00	0.00	0.01	0.01

Note:

Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

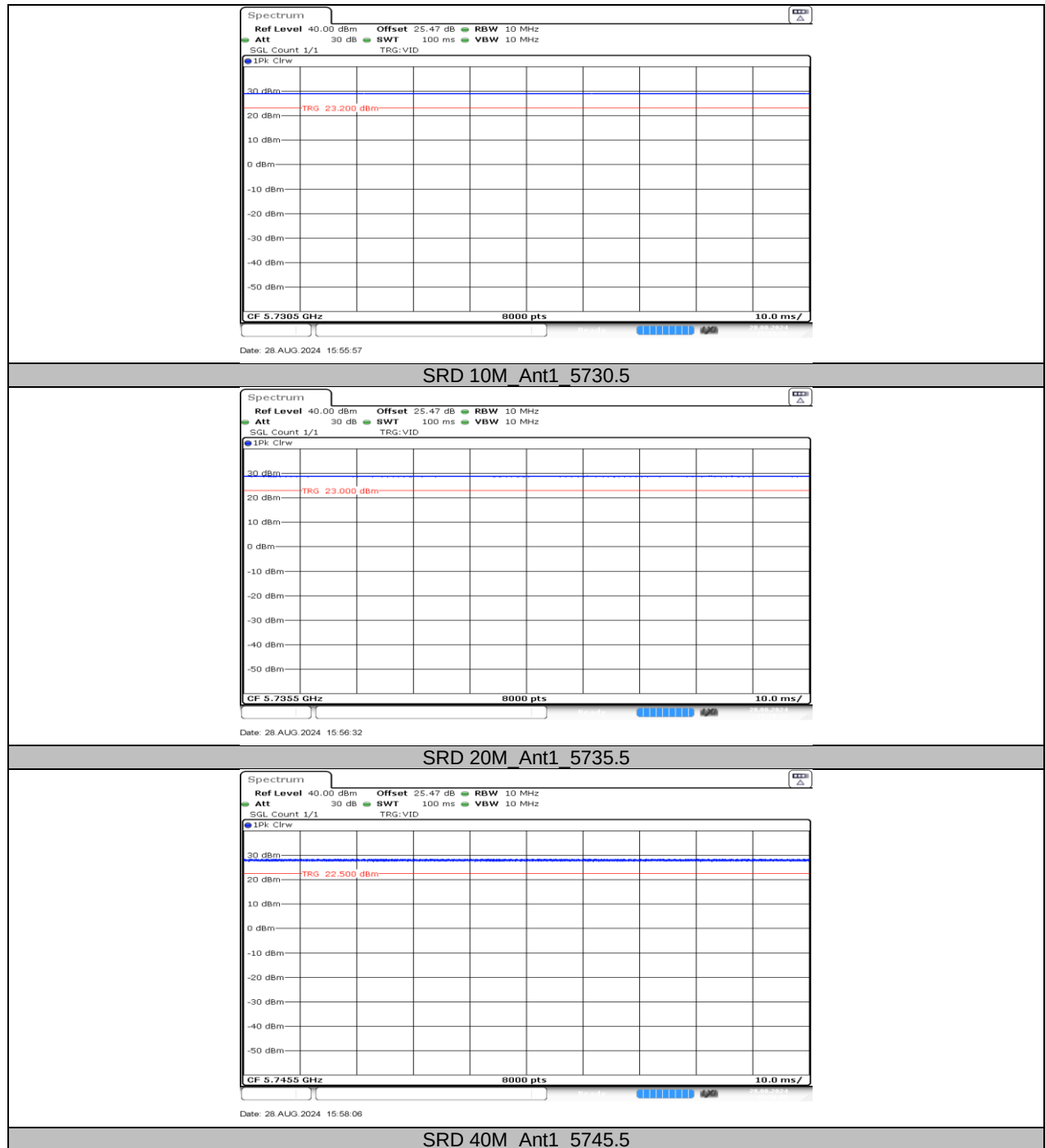
Where: T is On Time

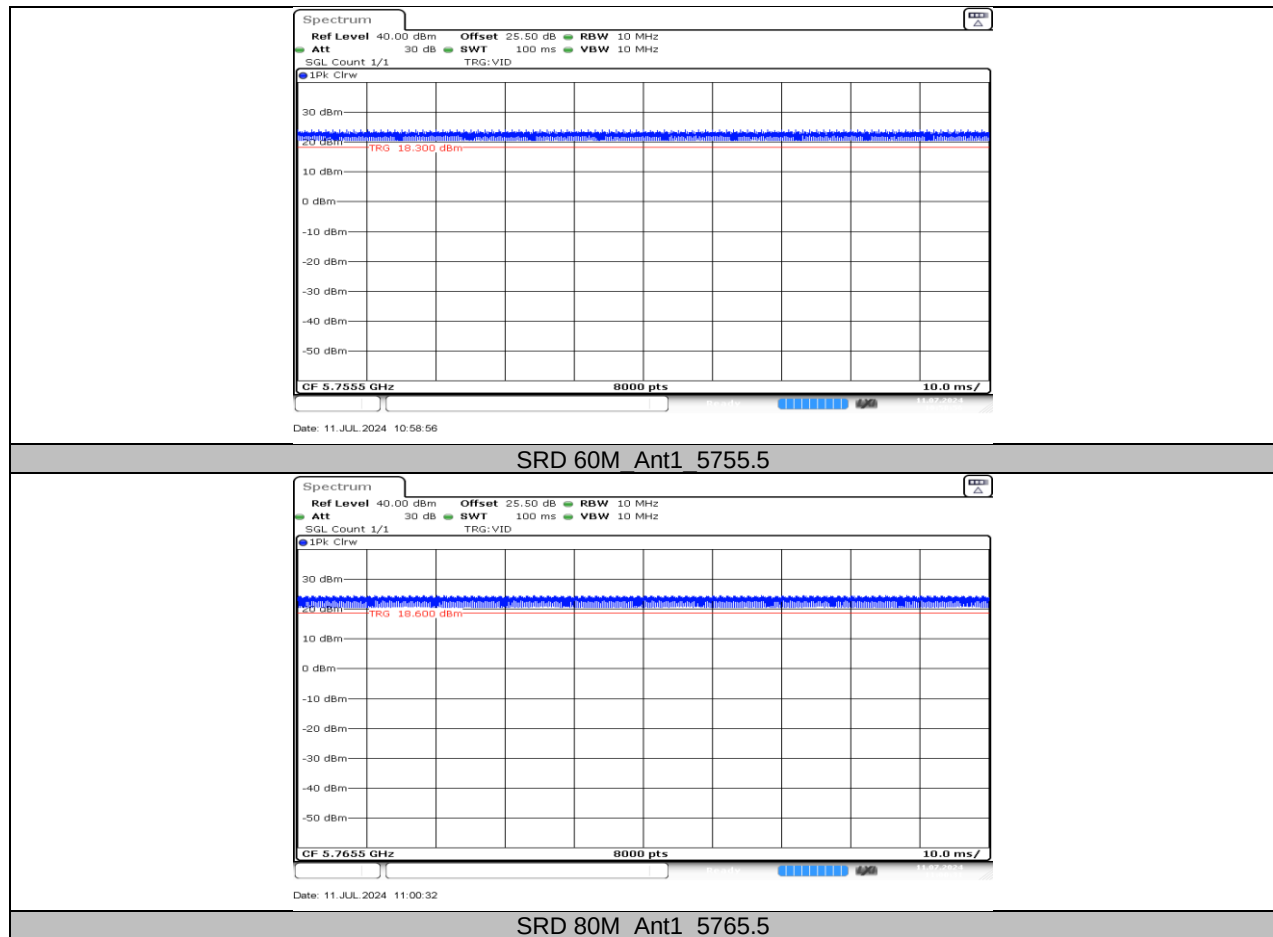
If that calculated VBW is not available on the analyzer then the next higher value should be used.

If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW $\leq$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

11.7.2. Test Graphs





END OF REPORT