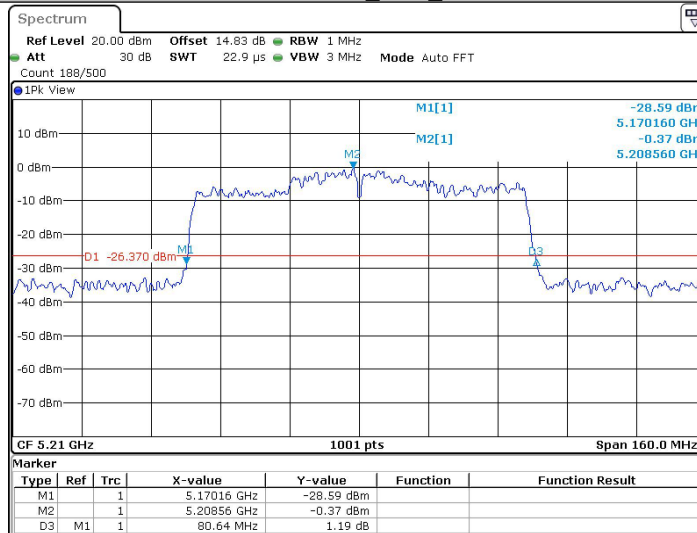
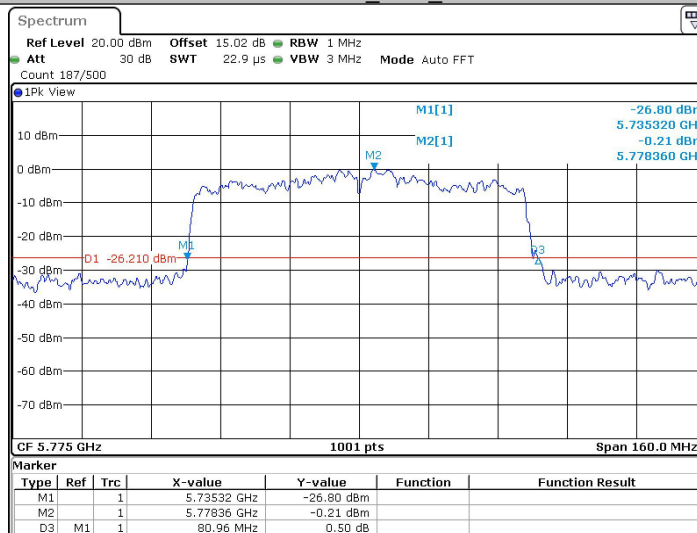


11AC80SISO_Ant1_5210



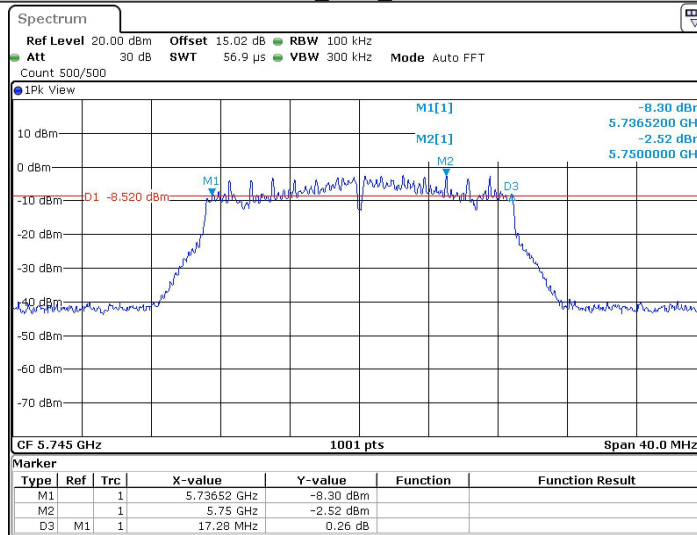
Date: 21 NOV. 2023 20:22:49

11AC80SISO_Ant1_5775



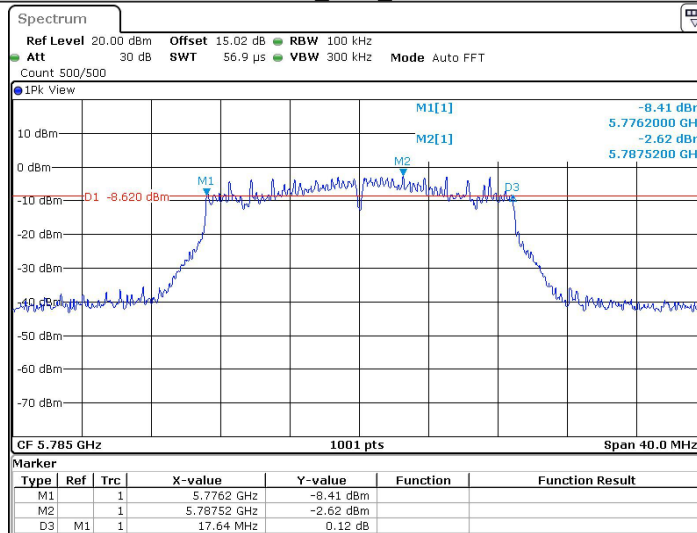
Date: 21 NOV. 2023 20:27:54

11A_Ant1_5745



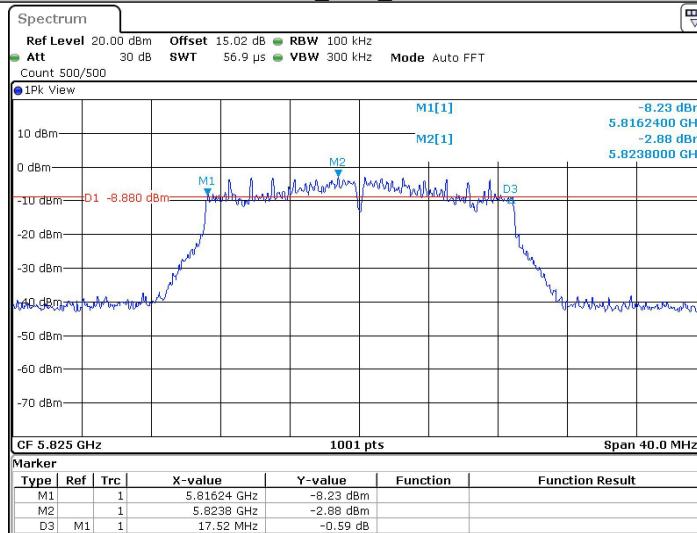
Date: 21.NOV.2023 18:36:36

11A_Ant1_5785



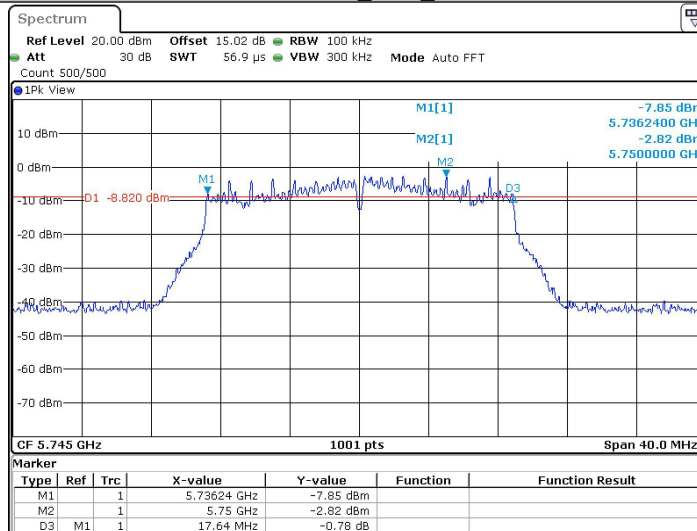
Date: 21.NOV.2023 18:39:10

11A_Ant1_5825



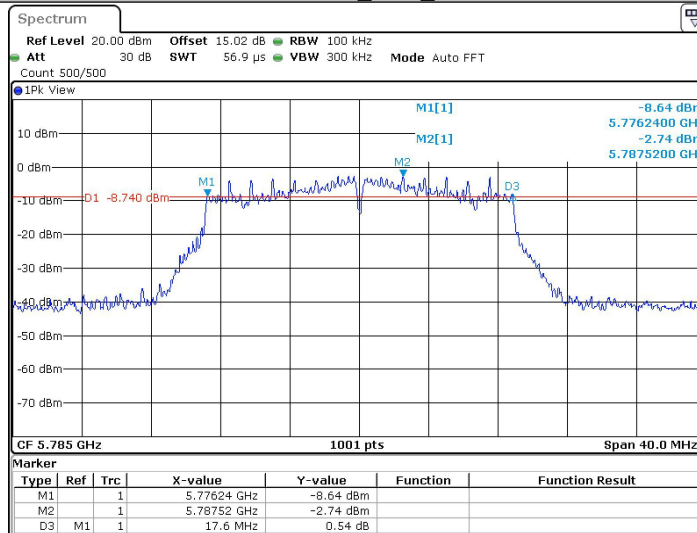
Date: 21 NOV. 2023 18:40:51

11N20SISO_Ant1_5745



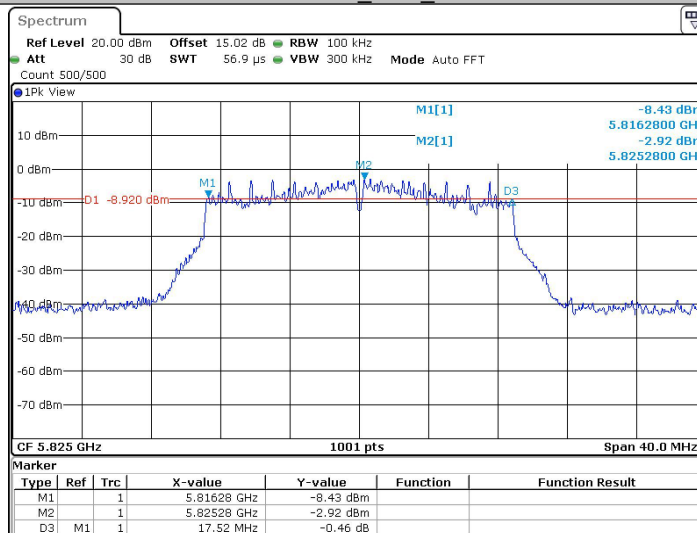
Date: 21 NOV. 2023 18:51:02

11N20SISO_Ant1_5785



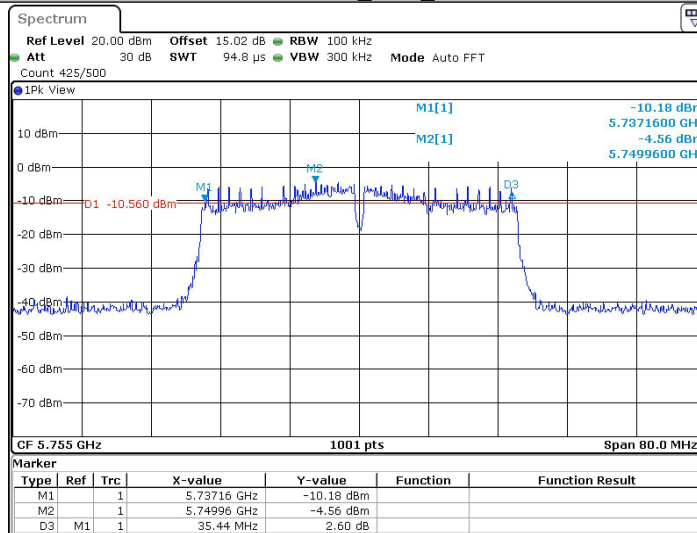
Date: 21 NOV. 2023 18:53:34

11N20SISO_Ant1_5825



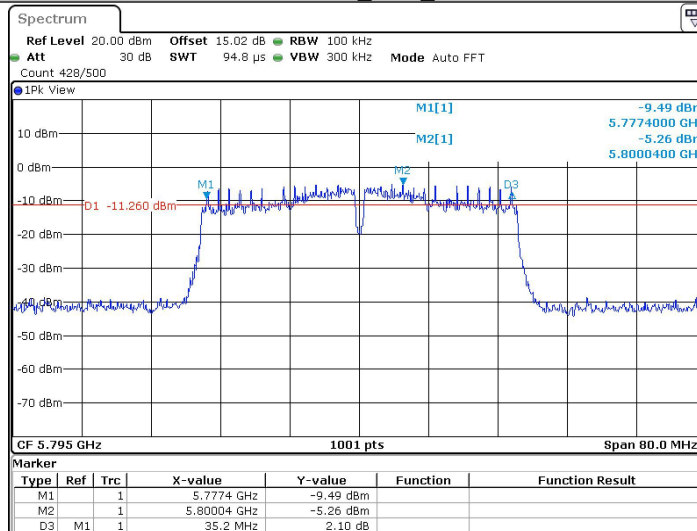
Date: 21 NOV. 2023 18:55:08

11N40SISO_Ant1_5755



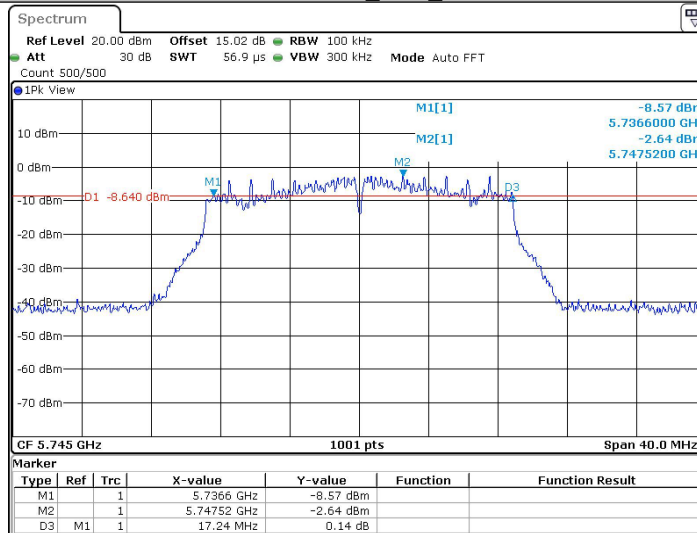
Date: 21 NOV. 2023 19:07:51

11N40SISO_Ant1_5795



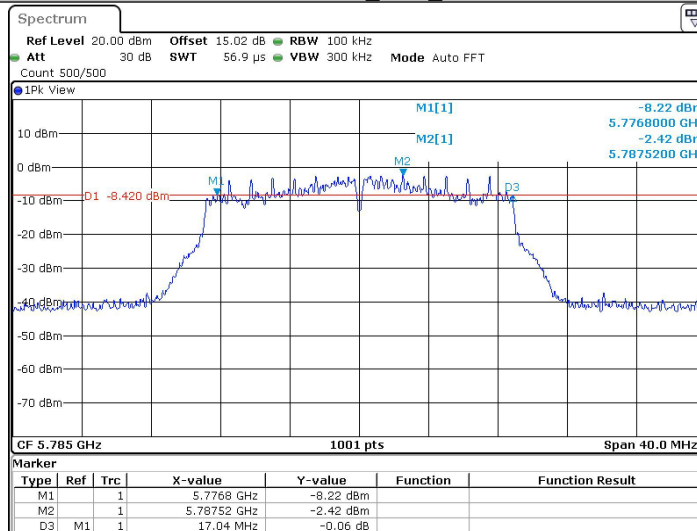
Date: 21 NOV. 2023 19:10:23

11AC20SISO_Ant1_5745



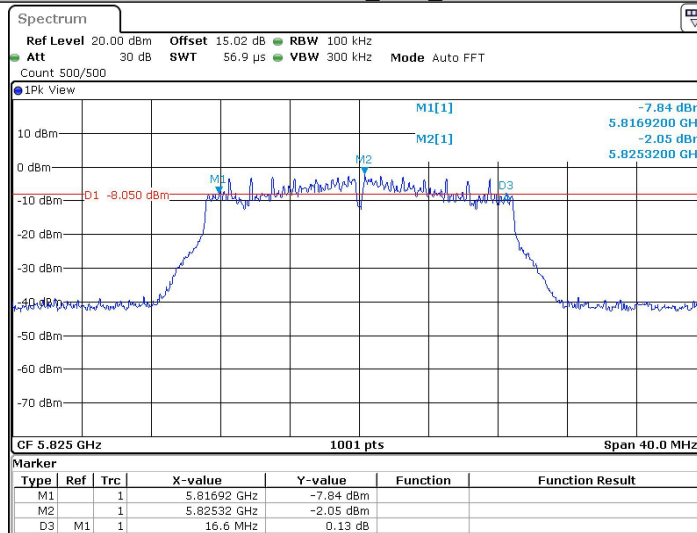
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11AC20SISO_Ant1_5785



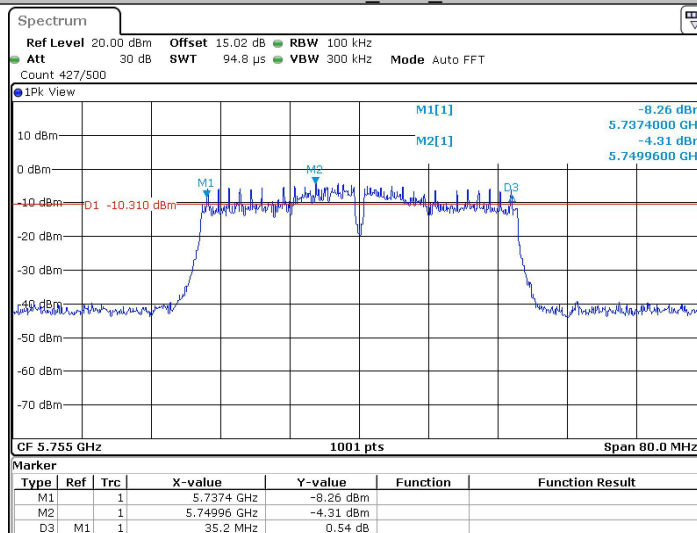
Date: 21 NOV. 2023 19:22:30

11AC20SISO_Ant1_5825



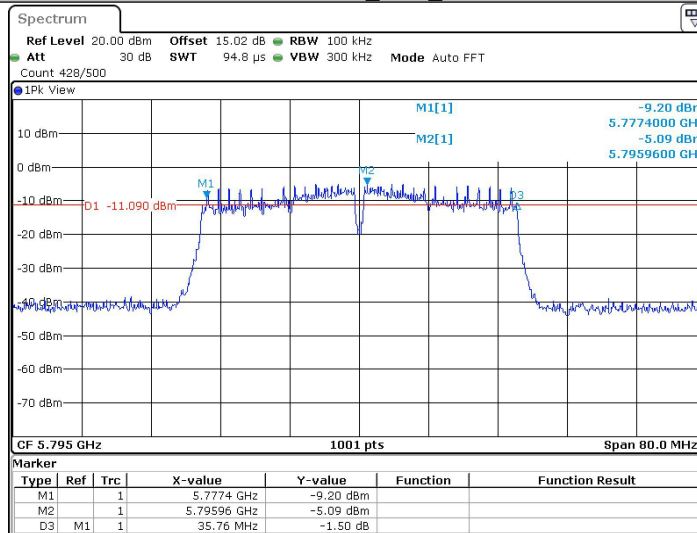
Date: 21 NOV. 2023 19:23:57

11AC40SISO_Ant1_5755



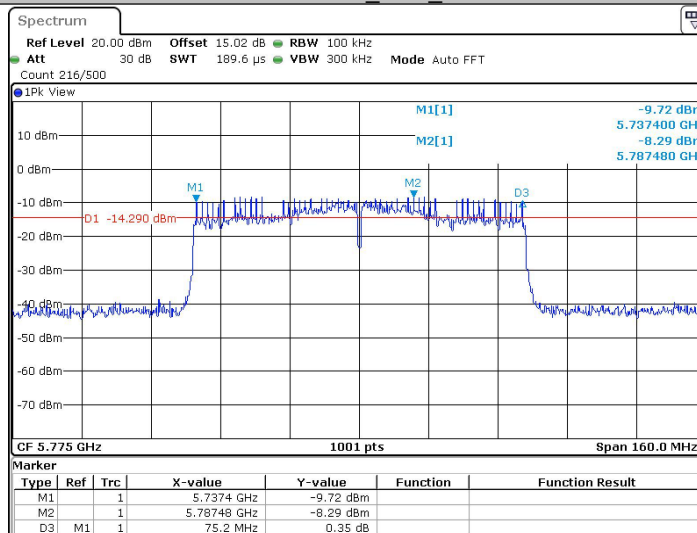
Date: 21 NOV. 2023 20:11:19

11AC40SISO_Ant1_5795



Date: 21 NOV. 2023 20:14:41

11AC80SISO_Ant1_5775



Date: 21 NOV. 2023 20:28:02

Appendix B): Maximum Conduct Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II E

Limit:

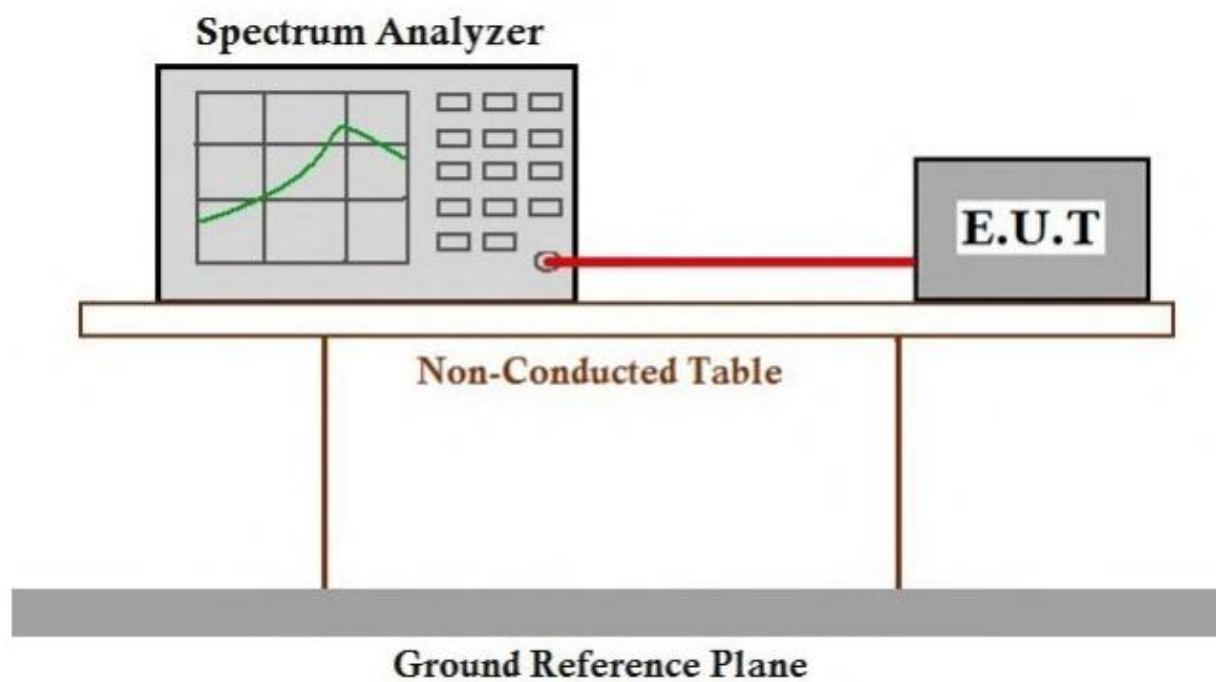
Frequency band(MHz)	Limit
5150-5250	$\leq 1\text{W}(30\text{dBm})$ for master device
	$\leq 250\text{mW}(24\text{dBm})$ for client device
5250-5350	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5470-5725	$\leq 250\text{mW}(24\text{dBm})$ for client device or $11\text{dBm}+10\log B^*$
5725-5850	$\leq 1\text{W}(30\text{dBm})$
Remark:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

Test Procedure:

Method SA-2 (trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- (1) Set RBW = 1 MHz.
- (2) Set VBW ≥ 3 MHz.
- (3) Detector = power average
- (4) Sweep time = auto.
- (5) Add duty cycle to the measured average power.

Test Setup Diagram



Measurement Data

Test Mode	Antenna	Freq(MHz)	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.70	≤23.98	PASS
		5200	7.45	≤23.98	PASS
		5240	7.63	≤23.98	PASS
		5745	8.55	≤30.00	PASS
		5785	8.59	≤30.00	PASS
		5825	8.60	≤30.00	PASS
11N20SISO	Ant1	5180	8.75	≤23.98	PASS
		5200	7.60	≤23.98	PASS
		5240	7.85	≤23.98	PASS
		5745	8.41	≤30.00	PASS
		5785	8.44	≤30.00	PASS
		5825	7.99	≤30.00	PASS
11N40SISO	Ant1	5190	9.00	≤23.98	PASS
		5230	8.50	≤23.98	PASS
		5755	11.09	≤30.00	PASS
		5795	9.91	≤30.00	PASS
11AC20SISO	Ant1	5180	8.64	≤23.98	PASS
		5200	8.17	≤23.98	PASS
		5240	7.77	≤23.98	PASS
		5745	8.82	≤30.00	PASS
		5785	8.48	≤30.00	PASS
		5825	8.30	≤30.00	PASS
11AC40SISO	Ant1	5190	8.42	≤23.98	PASS
		5230	8.65	≤23.98	PASS
		5755	8.02	≤30.00	PASS
		5795	10.02	≤30.00	PASS
11AC80SISO	Ant1	5210	6.60	≤23.98	PASS
		5775	7.84	≤30.00	PASS

Remark:

Av.Power=Meas.Level+10 log (1/duty cycle)

E.i.r.p=Av.Power+G,

G = antenna gain in dBi.

Appendix C): Maximum Power Spectral Density

Test Requirement 47 CFR Part 15, Subpart C 15.407 (a)

Test Method: KDB 789033 D02 II F

Test Procedure:

For 5150-5725MHz:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 1MHz.
4. Set the VBW $\geq 3 \times$ RBW. Detector = Peak. Trace mode = max hold.

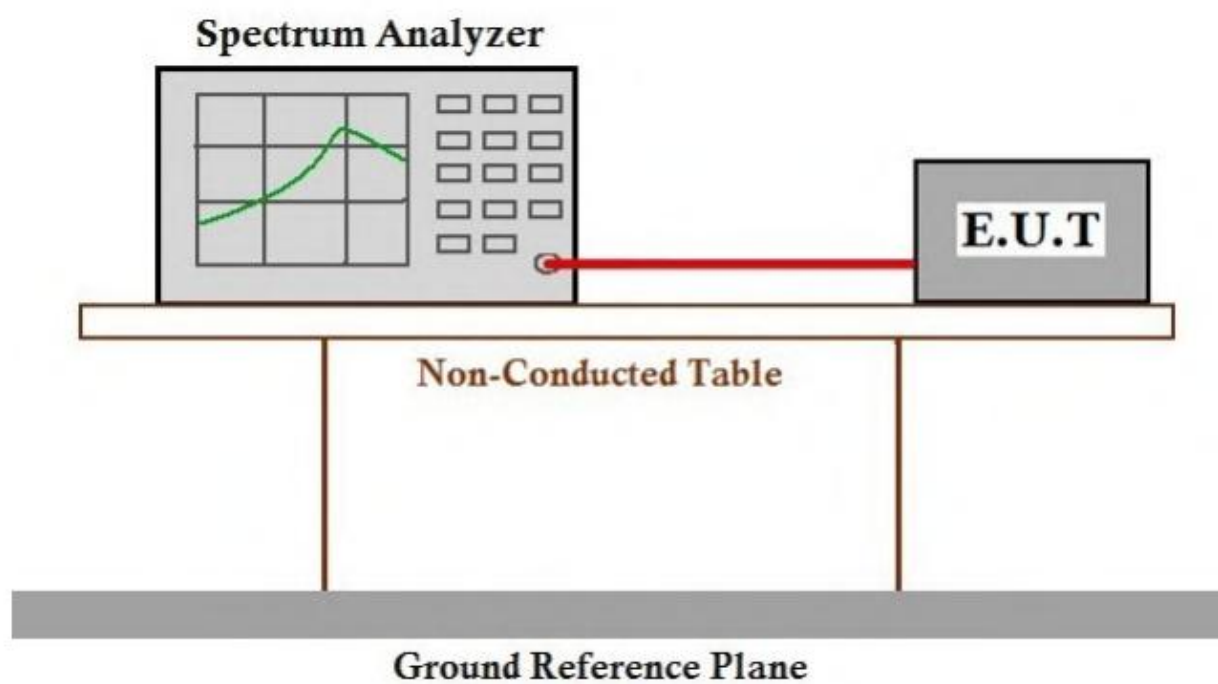
For 5725-5850MHz:

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 500KHz.
4. Set the VBW $\geq 3 \times$ RBW. Detector = Peak. Trace mode = max hold.

Limit:

Frequency band(MHz)	Limit
5150-5250	$\leq 17\text{dBm}$ in 1MHz for master device
	$\leq 11\text{dBm}$ in 1MHz for client device
5250-5350	$\leq 11\text{dBm}$ in 1MHz for client device
5470-5725	$\leq 11\text{dBm}$ in 1MHz for client device
5725-5850	$\leq 30\text{dBm}$ in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

Test Setup Diagram



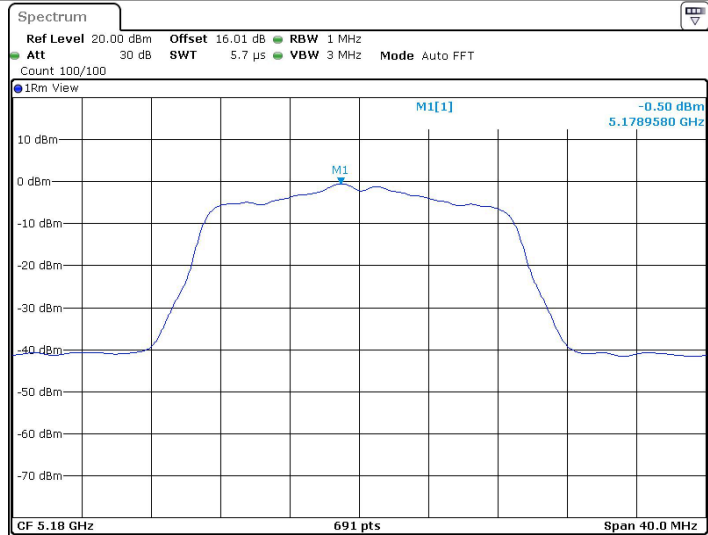
Result Table

TestMode	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	5180	-0.5	≤11.00	PASS
	5200	-2.4	≤11.00	PASS
	5240	-2.34	≤11.00	PASS
	5745	-4.35	≤30.00	PASS
	5785	-4.35	≤30.00	PASS
	5825	-3.84	≤30.00	PASS
11N20SISO	5180	-1.58	≤11.00	PASS
	5200	-1.63	≤11.00	PASS
	5240	-2.76	≤11.00	PASS
	5745	-4.52	≤30.00	PASS
	5785	-3.89	≤30.00	PASS
	5825	-4.47	≤30.00	PASS
11N40SISO	5190	-4.01	≤11.00	PASS
	5230	-4.83	≤11.00	PASS
	5755	-7.63	≤30.00	PASS
	5795	-5.34	≤30.00	PASS
11AC20SISO	5180	-1.6	≤11.00	PASS
	5200	-2.05	≤11.00	PASS
	5240	-2.59	≤11.00	PASS
	5745	-3.45	≤30.00	PASS
	5785	-4.16	≤30.00	PASS
	5825	-3.83	≤30.00	PASS
11AC40SISO	5190	-4.6	≤11.00	PASS
	5230	-4.58	≤11.00	PASS
	5755	-7.79	≤30.00	PASS
	5795	-5.69	≤30.00	PASS
11AC80SISO	5210	-8.98	≤11.00	PASS
	5775	-11.88	≤30.00	PASS

Remark:

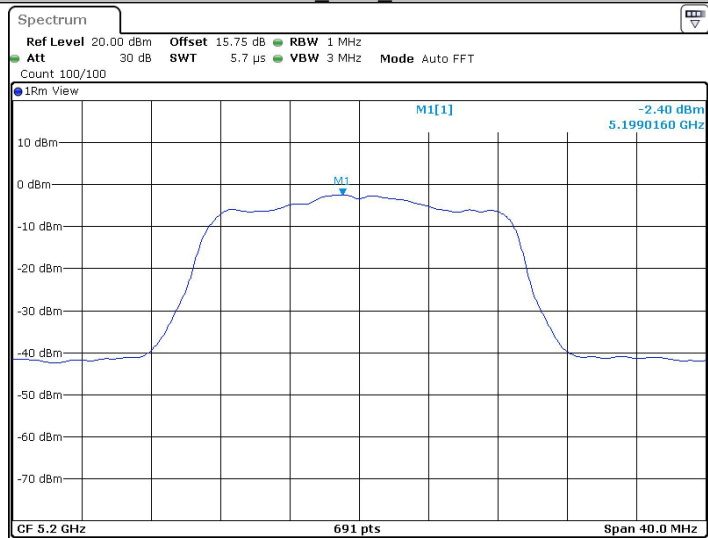
PSD = Meas PSD + Duty Cycle Factor

11A_Ant1_5180



Date: 21.NOV.2023 18:29:50

11A_Ant1_5200



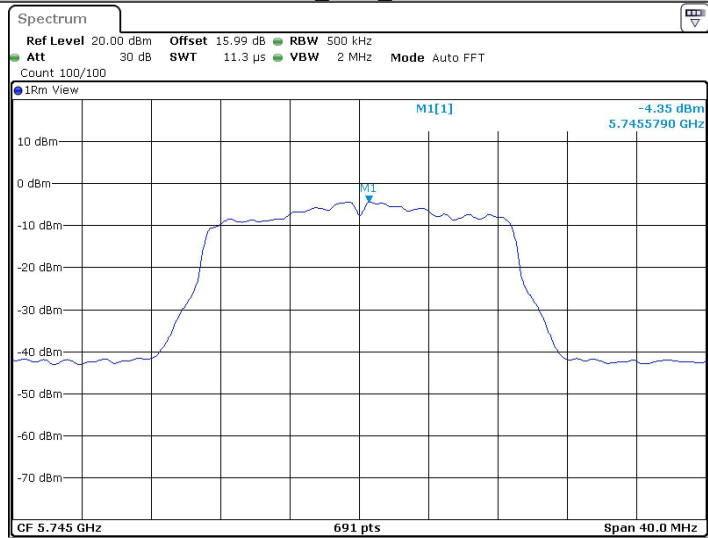
Date: 21.NOV.2023 18:33:05

11A_Ant1_5240



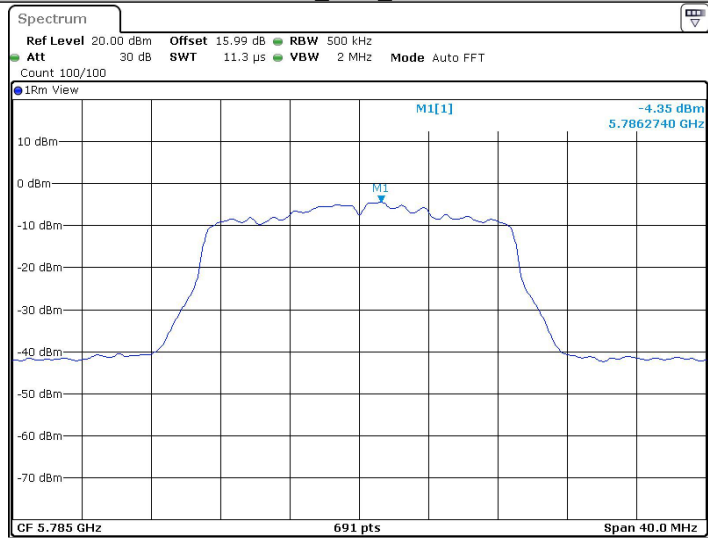
Date: 21.NOV.2023 18:34:33

11A_Ant1_5745



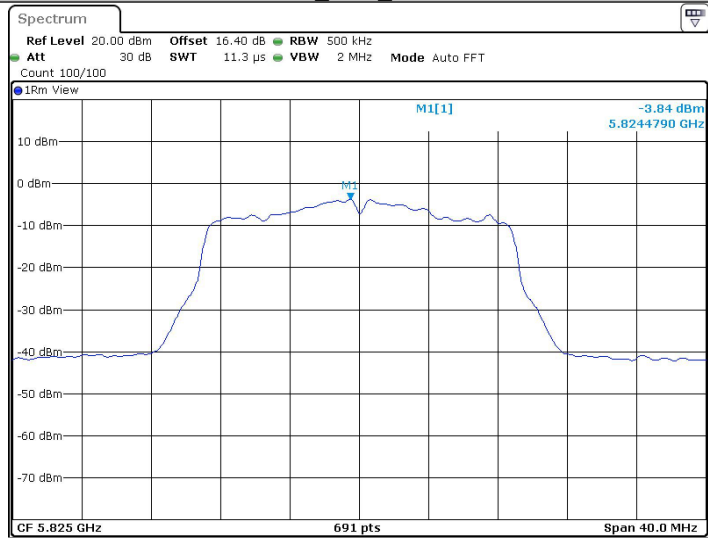
Date: 21.NOV.2023 18:37:15

11A_Ant1_5785



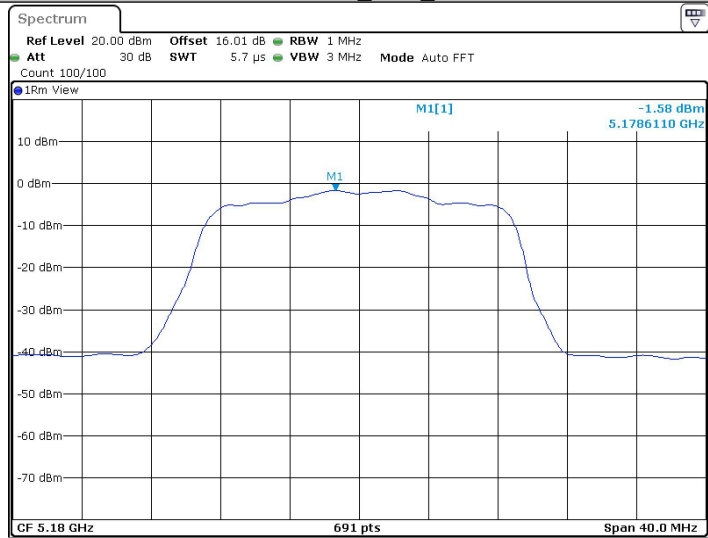
Date: 21.NOV.2023 18:39:48

11A_Ant1_5825



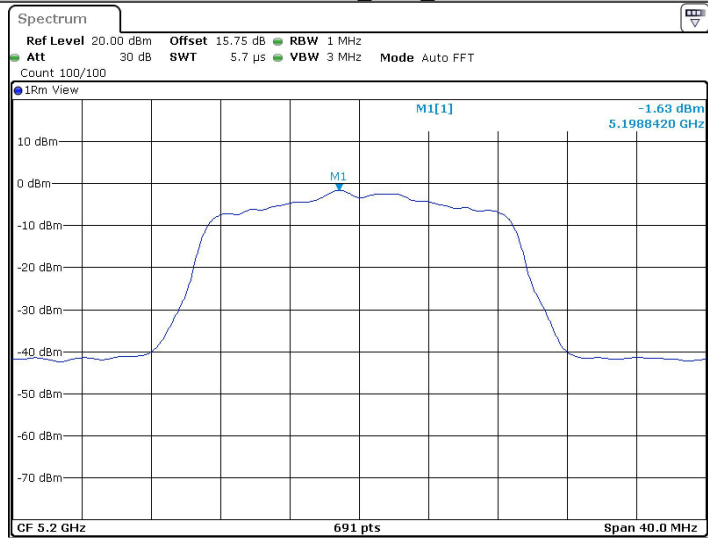
Date: 21.NOV.2023 18:41:27

11N20SISO_Ant1_5180



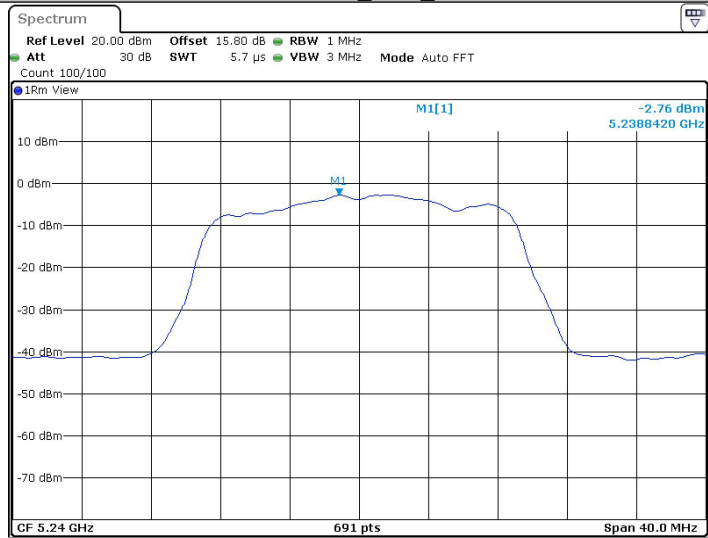
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11N20SISO_Ant1_5200



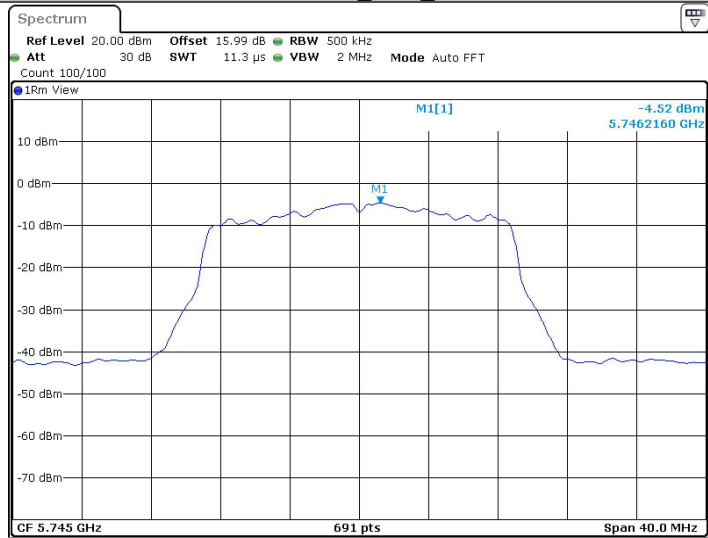
Date: 21.NOV.2023 18:47:05

11N20SISO_Ant1_5240



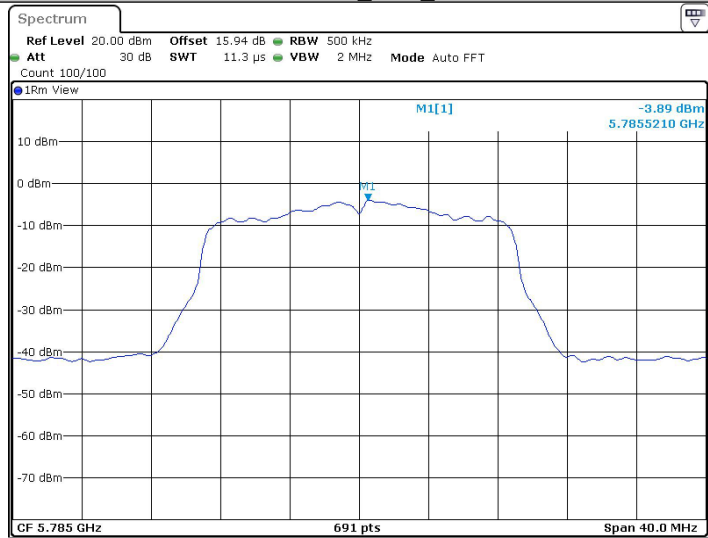
Date: 21.NOV.2023 18:48:51

11N20SISO_Ant1_5745



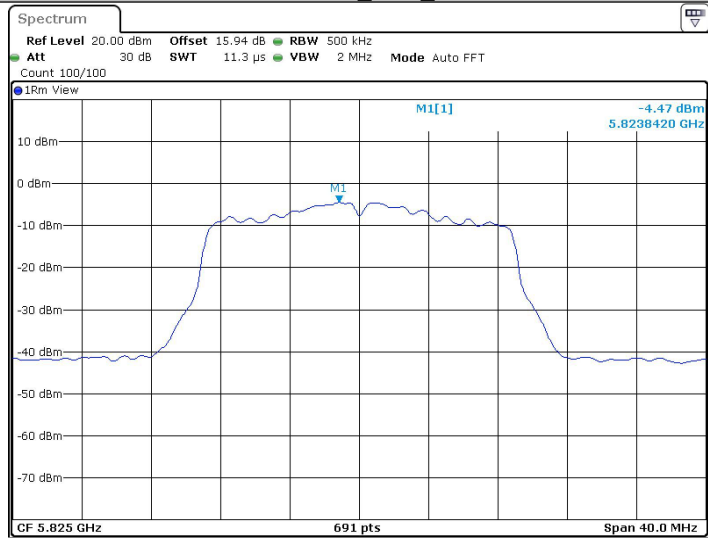
Date: 21.NOV.2023 18:51:40

11N20SISO_Ant1_5785



Date: 21.NOV.2023 18:54:12

11N20SISO_Ant1_5825



Date: 21.NOV.2023 18:55:46