

Appendix B. RF measurement plots

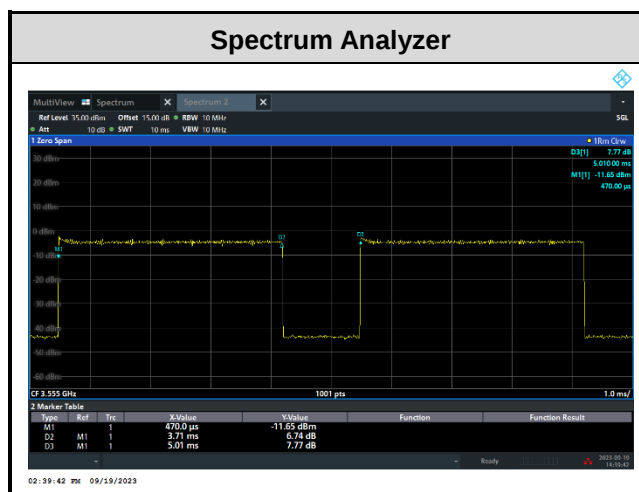
Appendix B.1 [WINNF.PT.C.HBT] UUT RF Transmit Power Measurement

Report Clause 4.32 [WINNF.PT.C.HBT] UUT RF Transmit Power Measurement

Center Frequency [MHz]	BW [MHz]	Granted MaxEIRP [dBm/MHz]	Conducted PSD [dBm/MHz]				Antenna Gain [dBi]	Duty Cycle Factor [dB]	UUT total MaxEIRP [dBm/MHz]
			ANT 1	ANT 2	ANT 3	ANT 4			
3555	10	16	-5.75	-5.02	-6.82	-6.1	12	1.3	13.45
		20	-1.68	-1.13	-3.55	-2.01			17.32
		25	3.27	4.28	2.17	2.98			22.57
		30	7.45	9.13	6.92	7.56			27.17
		37	12.26	13.15	12.18	12.57			31.88
3680	40	16	-3.25	-2.85	-6.07	-5.57			15.11
		20	0.74	0.89	-1.86	-1.47			19.08
		25	4.87	5.29	3.16	3.3			23.58
		30	9.65	9.45	7.72	8.56			28.24
		37	11.9	12.92	12.23	11.52			31.50

Note: The total path loss is offset with 10.5 dB.

Duty Cycle factor:

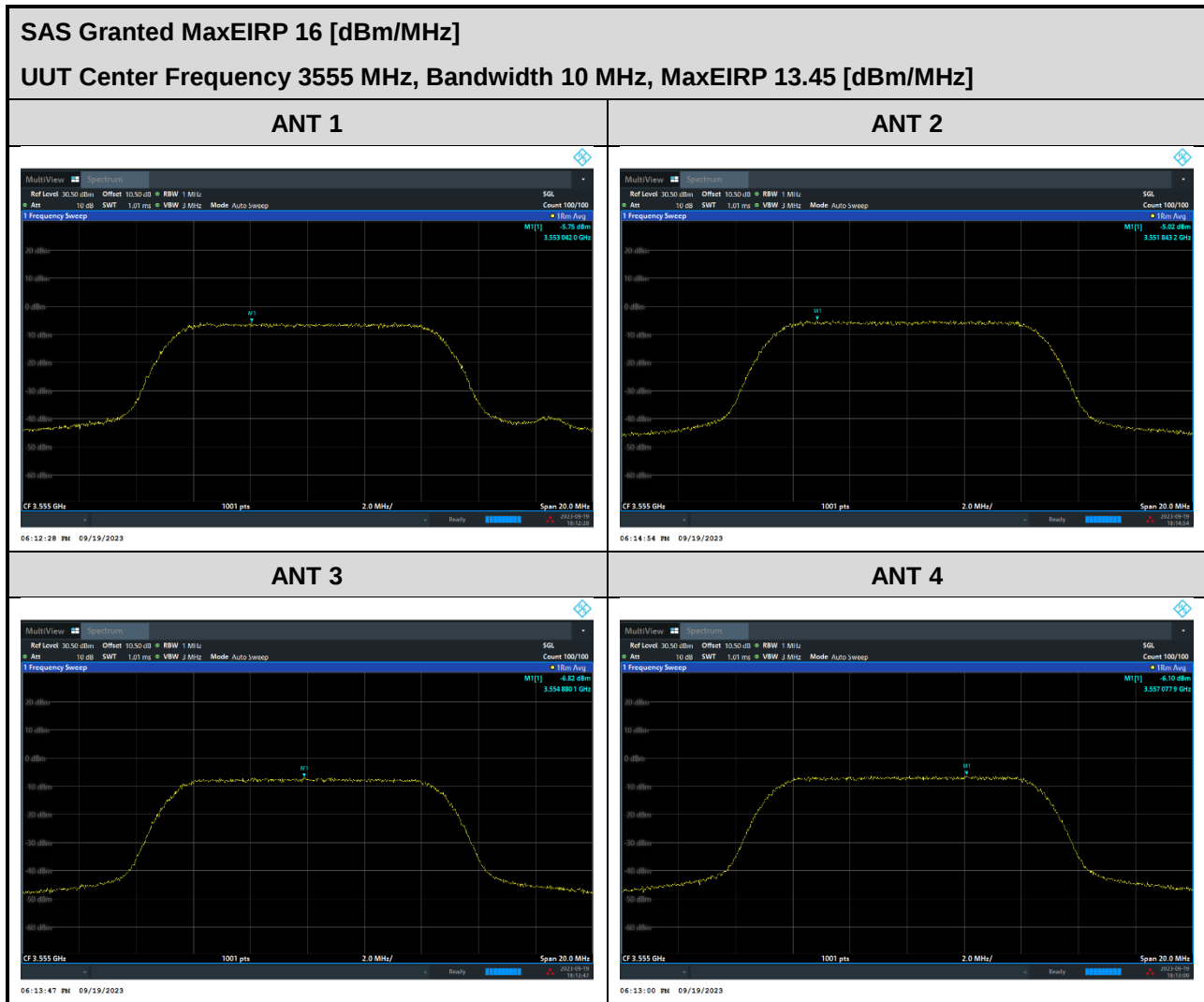


Note: The duty cycle value is 74.05%, add $10\log(1/\text{duty cycle})$ to the measured power level to compute the average power during continuous transmission.

Appendix B.1.1 Test Procedure

[WINNF.PT.C.HBT] UUT RF Transmit Power Measurement defined in clause 4.32 of this test report.

Appendix B.1.2 Test Result

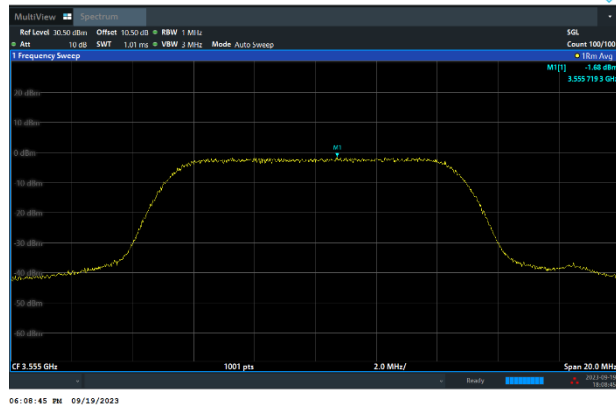




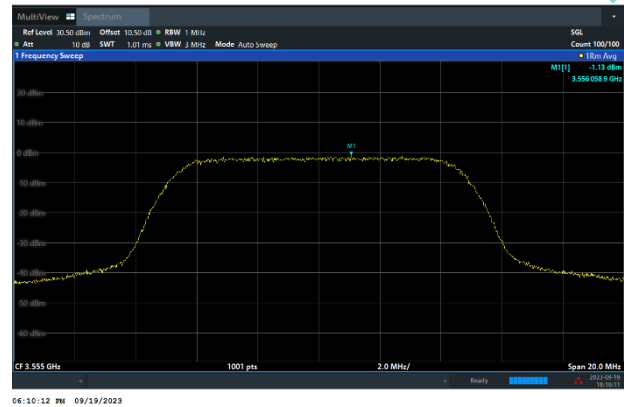
SAS Granted MaxEIRP 20 [dBm/MHz]

UUT Center Frequency 3555 MHz, Bandwidth 10 MHz, MaxEIRP 17.32 [dBm/MHz]

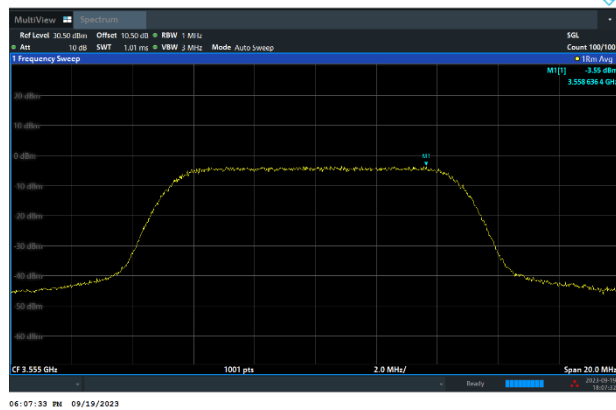
ANT 1



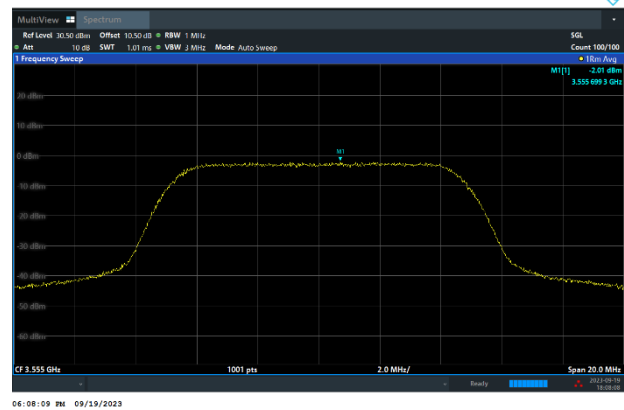
ANT 2



ANT 3



ANT 4

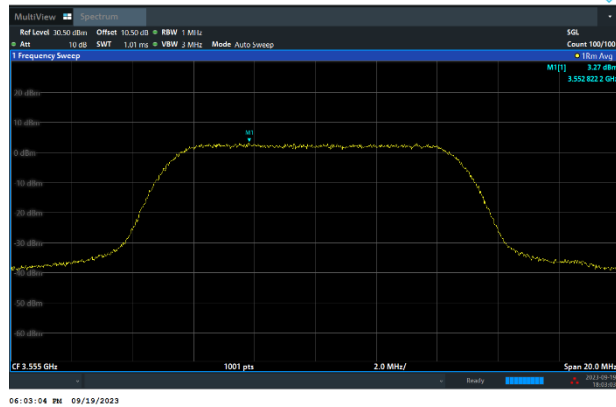




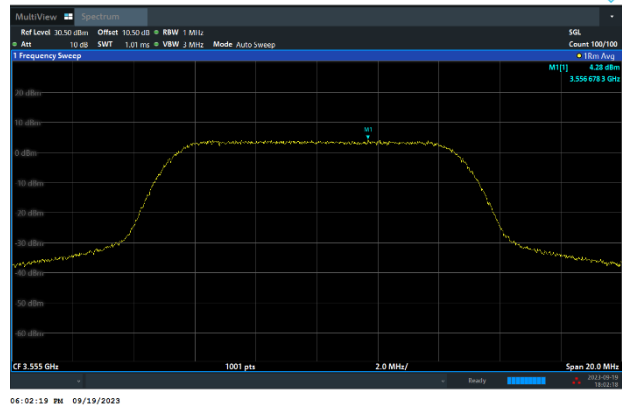
SAS Granted MaxEIRP 25 [dBm/MHz]

UUT Center Frequency 3555 MHz, Bandwidth 10 MHz, MaxEIRP 22.57 [dBm/MHz]

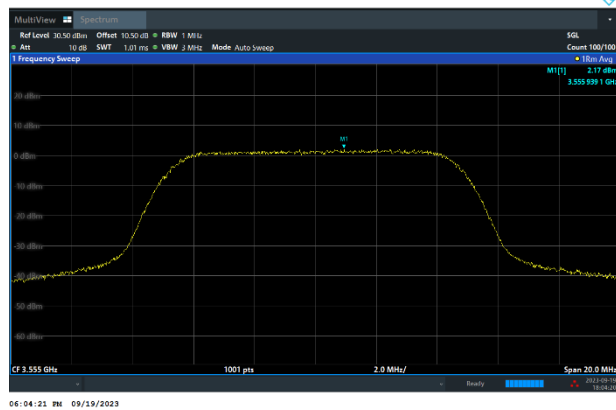
ANT 1



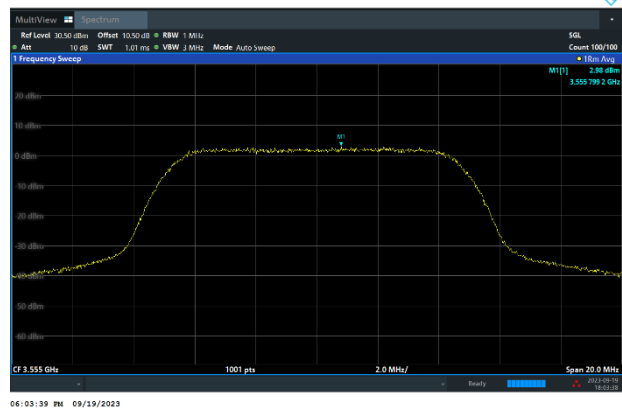
ANT 2



ANT 3



ANT 4

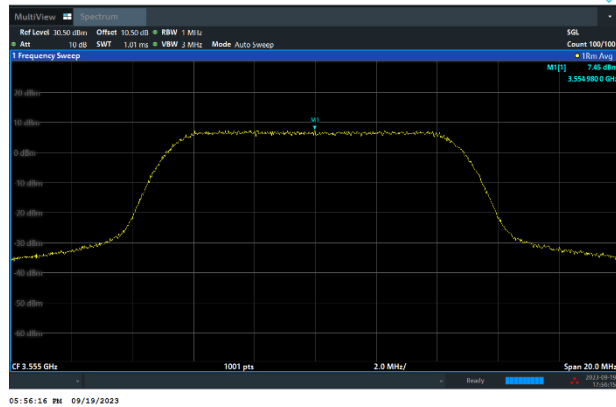




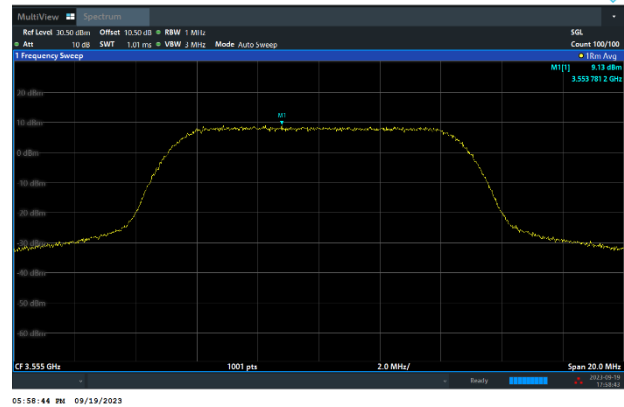
SAS Granted MaxEIRP 30 [dBm/MHz]

UUT Center Frequency 3555 MHz, Bandwidth 10 MHz, MaxEIRP 27.17 [dBm/MHz]

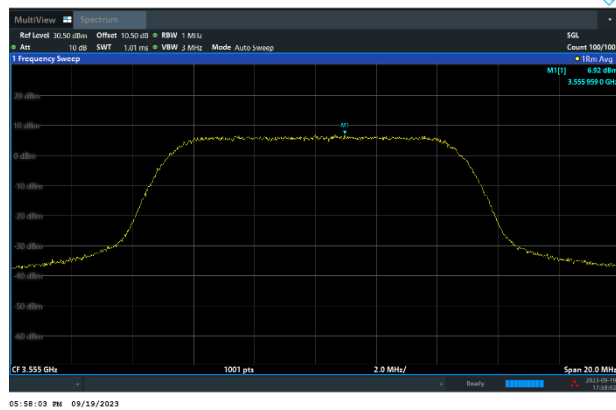
ANT 1



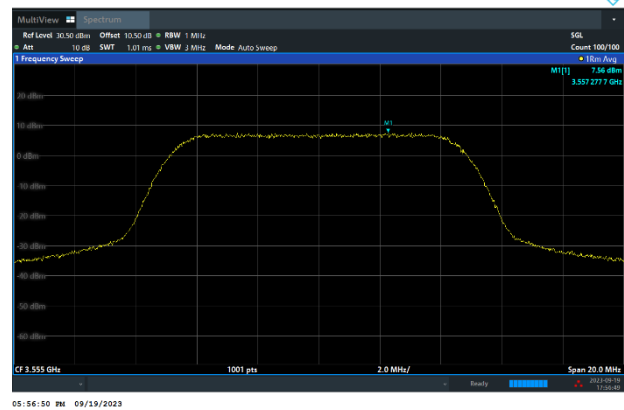
ANT 2



ANT 3



ANT 4

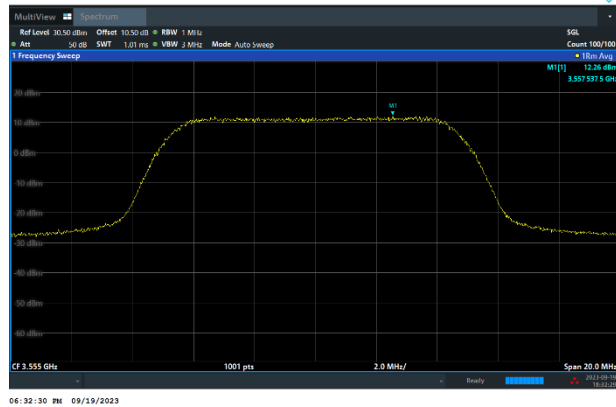




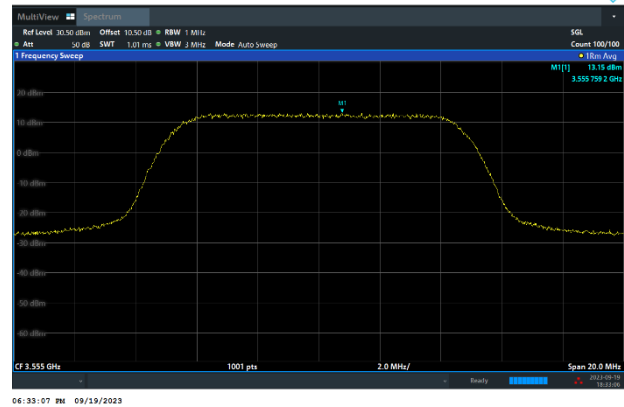
SAS Granted MaxEIRP 37 [dBm/MHz]

UUT Center Frequency 3555 MHz, Bandwidth 10 MHz, MaxEIRP 31.88 [dBm/MHz]

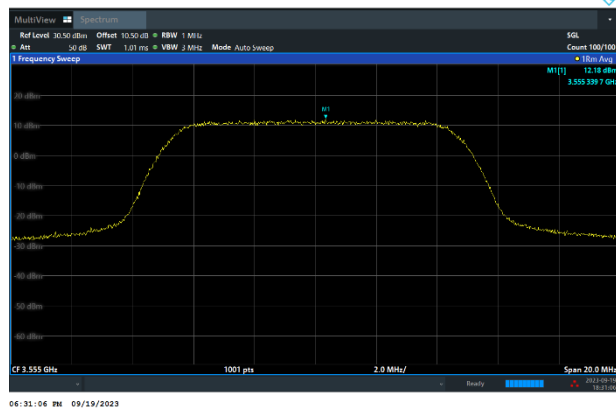
ANT 1



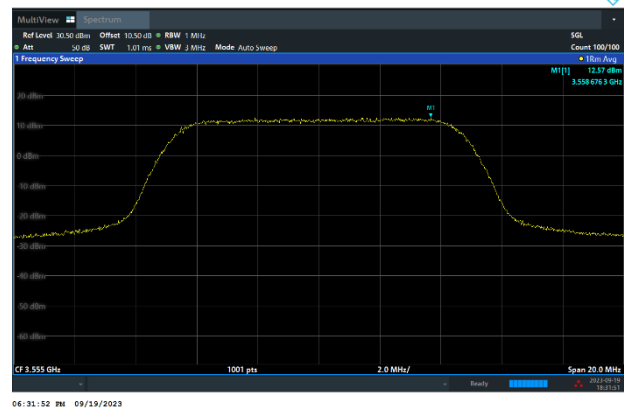
ANT 2



ANT 3



ANT 4

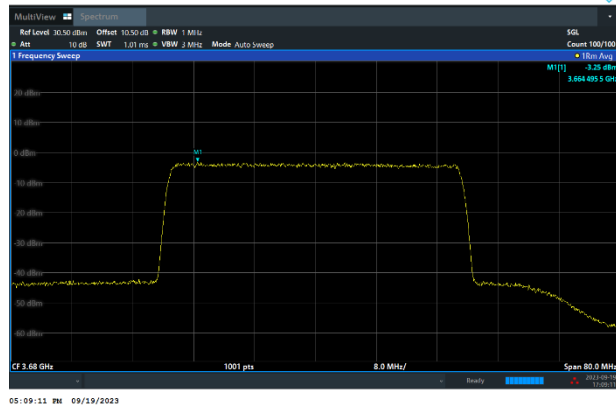




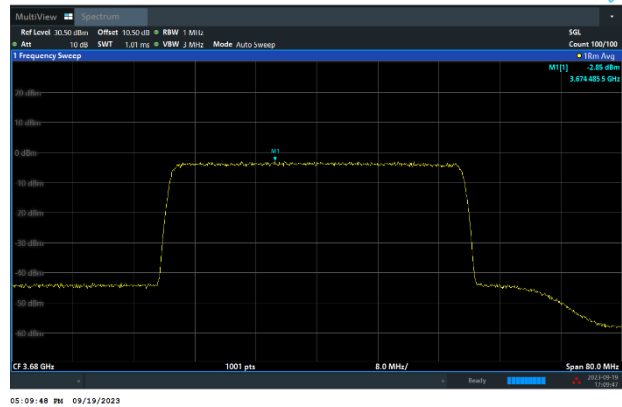
SAS Granted MaxEIRP 16 [dBm/MHz]

UUT Center Frequency 3680 MHz, Bandwidth 40 MHz, MaxEIRP 15.11 [dBm/MHz]

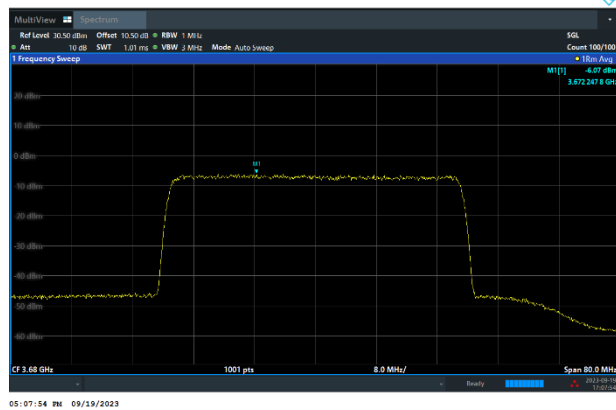
ANT 1



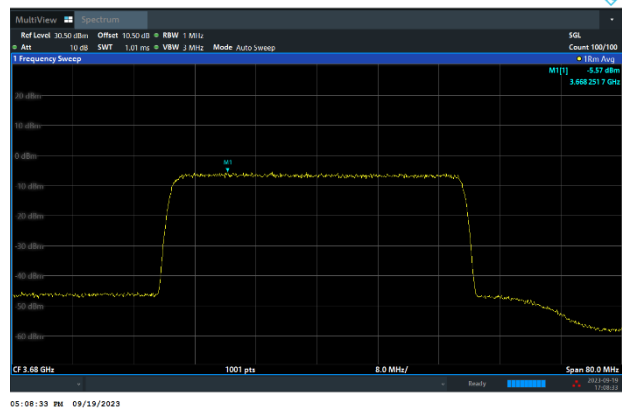
ANT 2



ANT 3



ANT 4

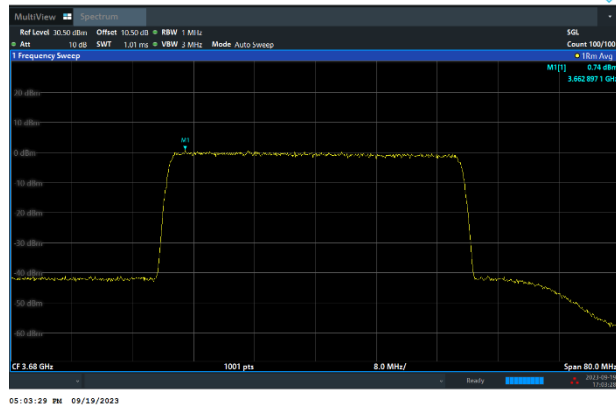




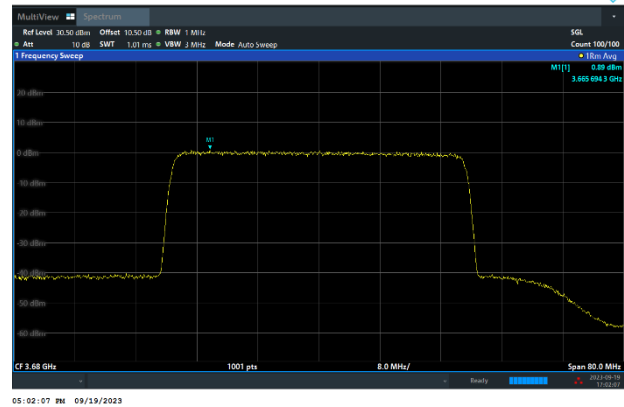
SAS Granted MaxEIRP 20 [dBm/MHz]

UUT Center Frequency 3680 MHz, Bandwidth 40 MHz, MaxEIRP 19.08 [dBm/MHz]

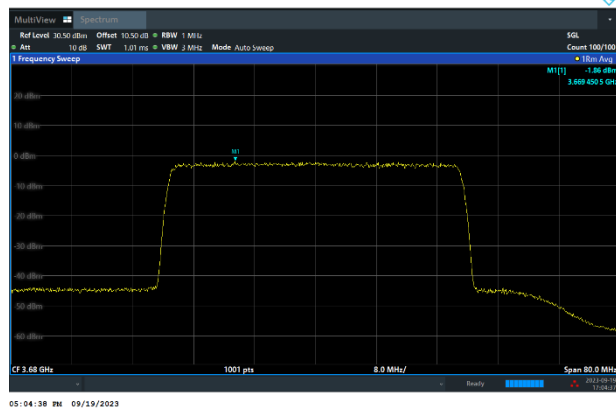
ANT 1



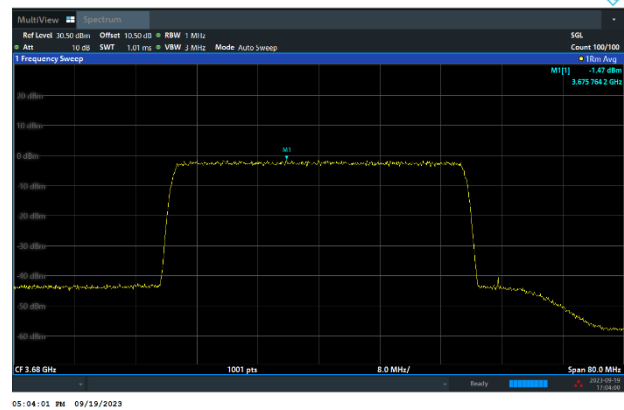
ANT 2



ANT 3



ANT 4

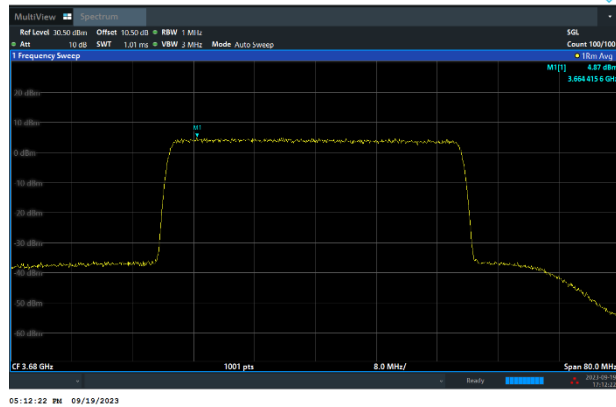




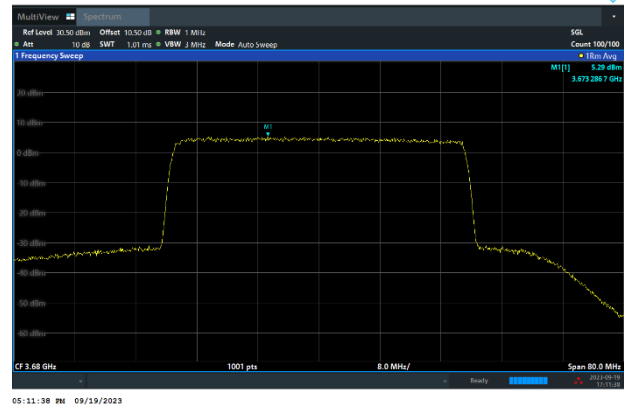
SAS Granted MaxEIRP 25 [dBm/MHz]

UUT Center Frequency 3680 MHz, Bandwidth 40 MHz, MaxEIRP 23.58 [dBm/MHz]

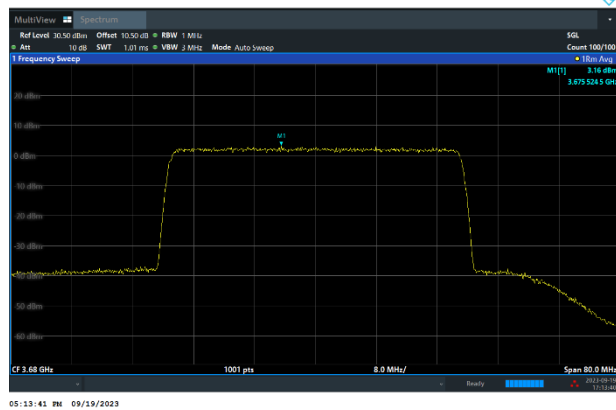
ANT 1



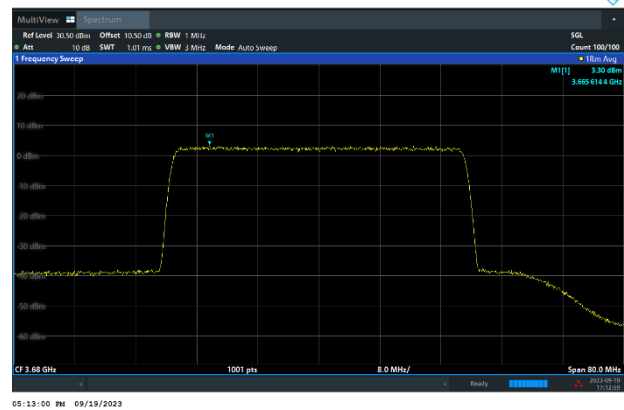
ANT 2



ANT 3



ANT 4

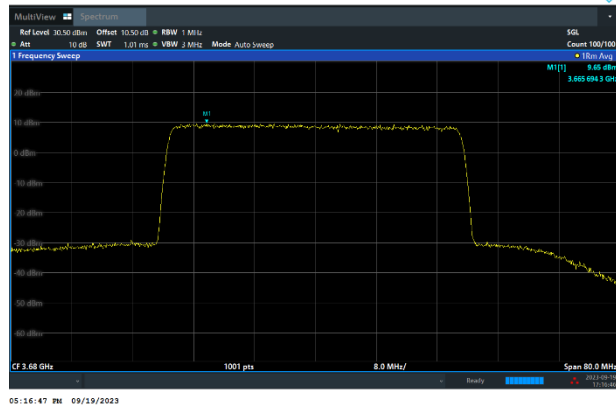




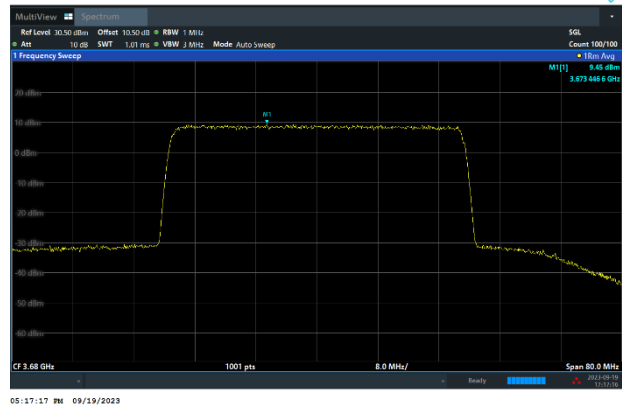
SAS Granted MaxEIRP 30 [dBm/MHz]

UUT Center Frequency 3680 MHz, Bandwidth 40 MHz, MaxEIRP 28.24 [dBm/MHz]

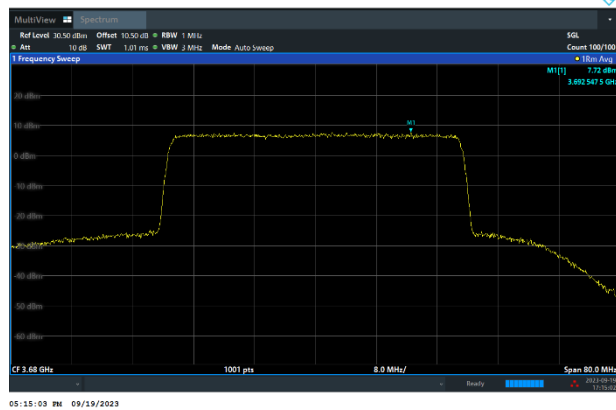
ANT 1



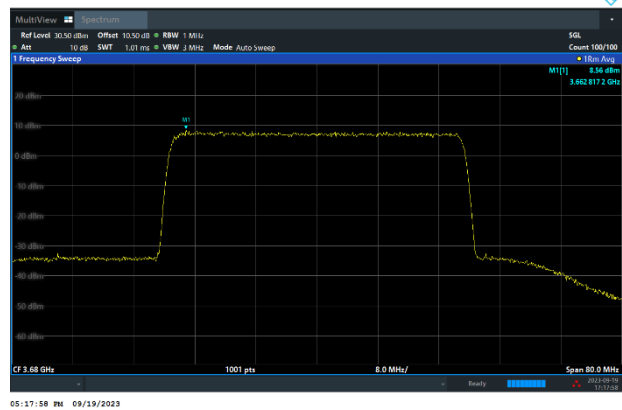
ANT 2



ANT 3



ANT 4

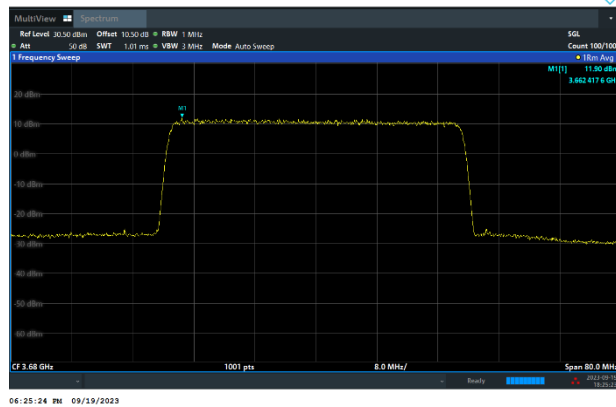




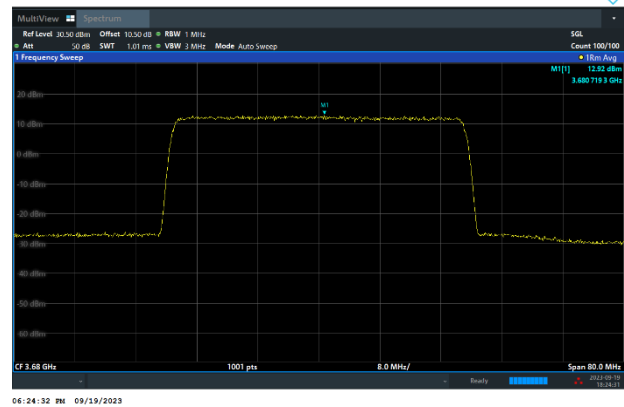
SAS Granted MaxEIRP 37 [dBm/MHz]

UUT Center Frequency 3680 MHz, Bandwidth 20 MHz, MaxEIRP 31.50 [dBm/MHz]

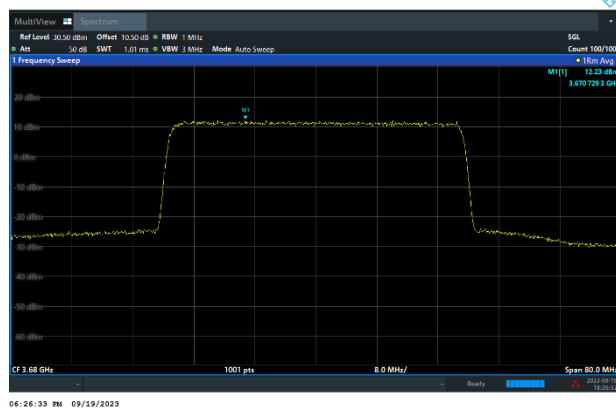
ANT 1



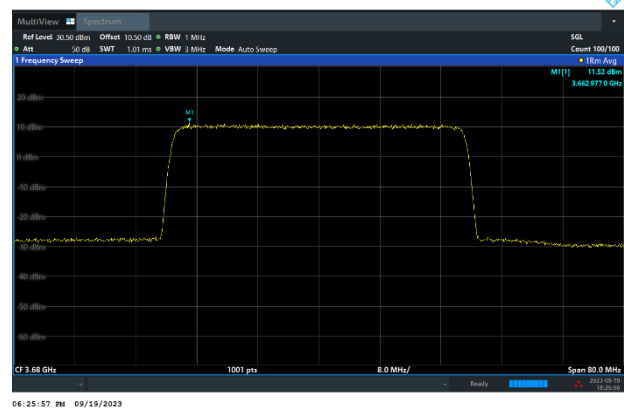
ANT 2



ANT 3



ANT 4



—THE END—