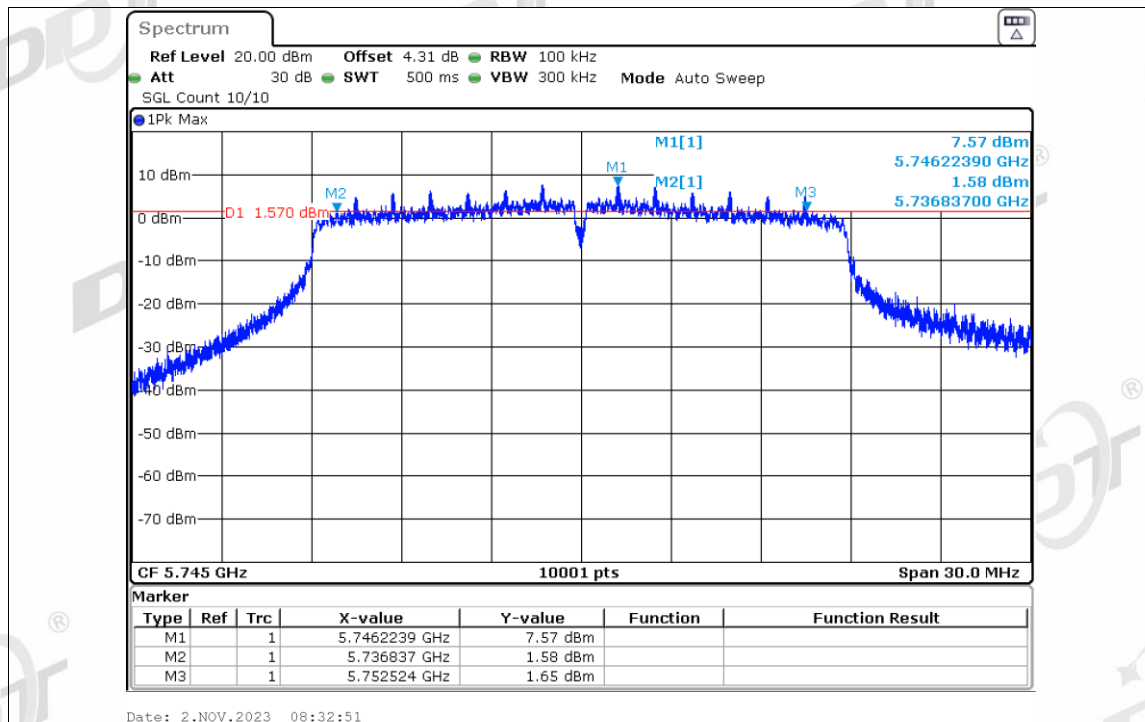
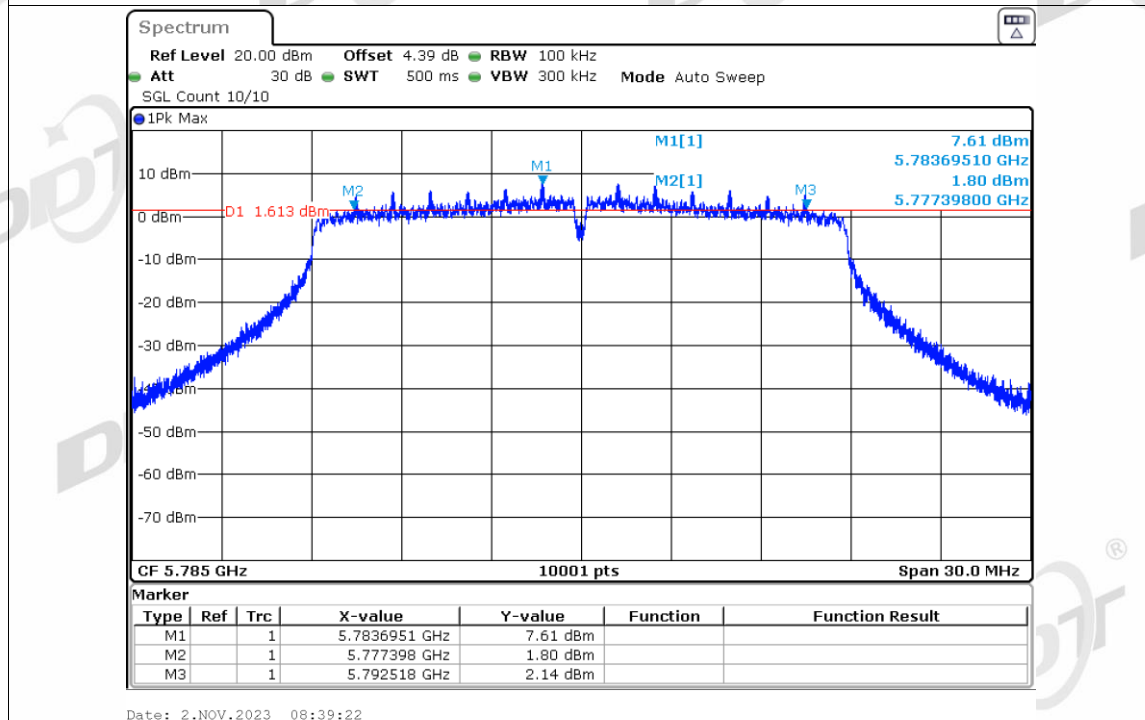
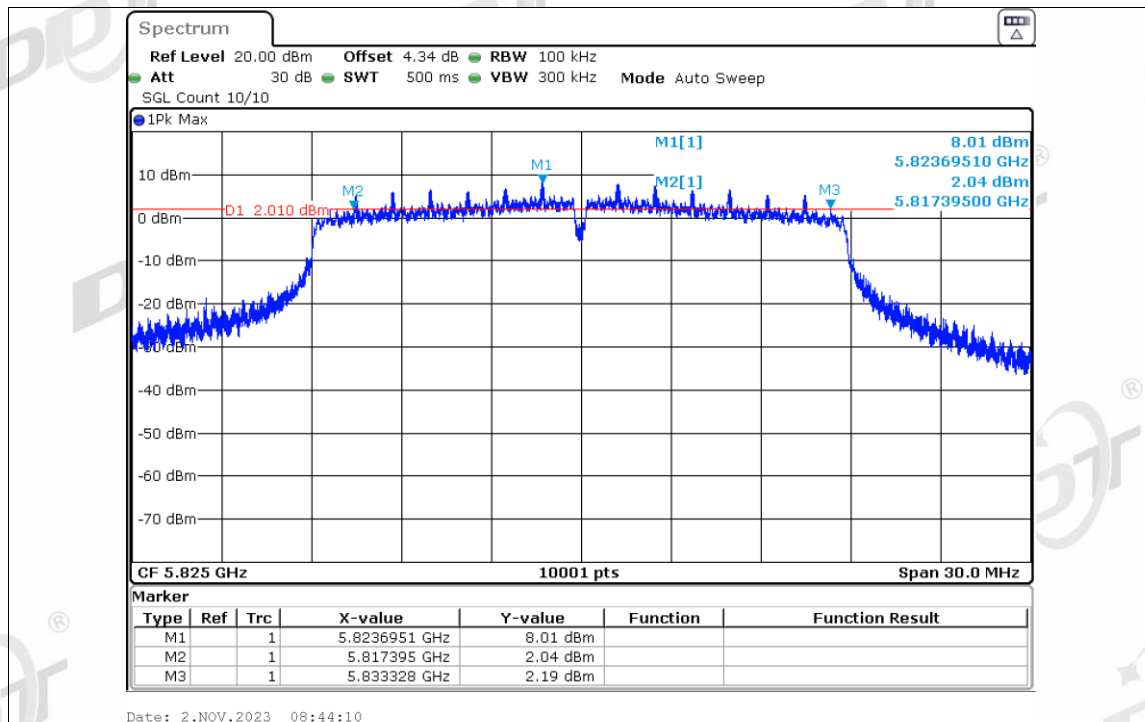




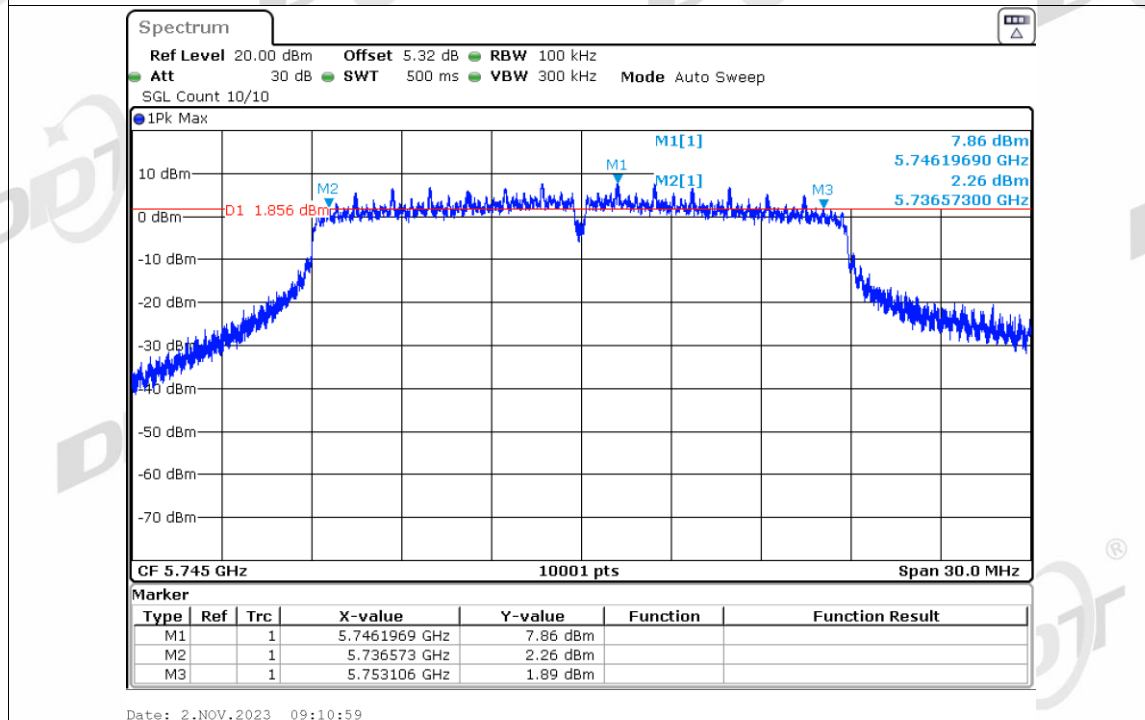
-6dB Bandwidth NVNT ac20 5785MHz Ant1



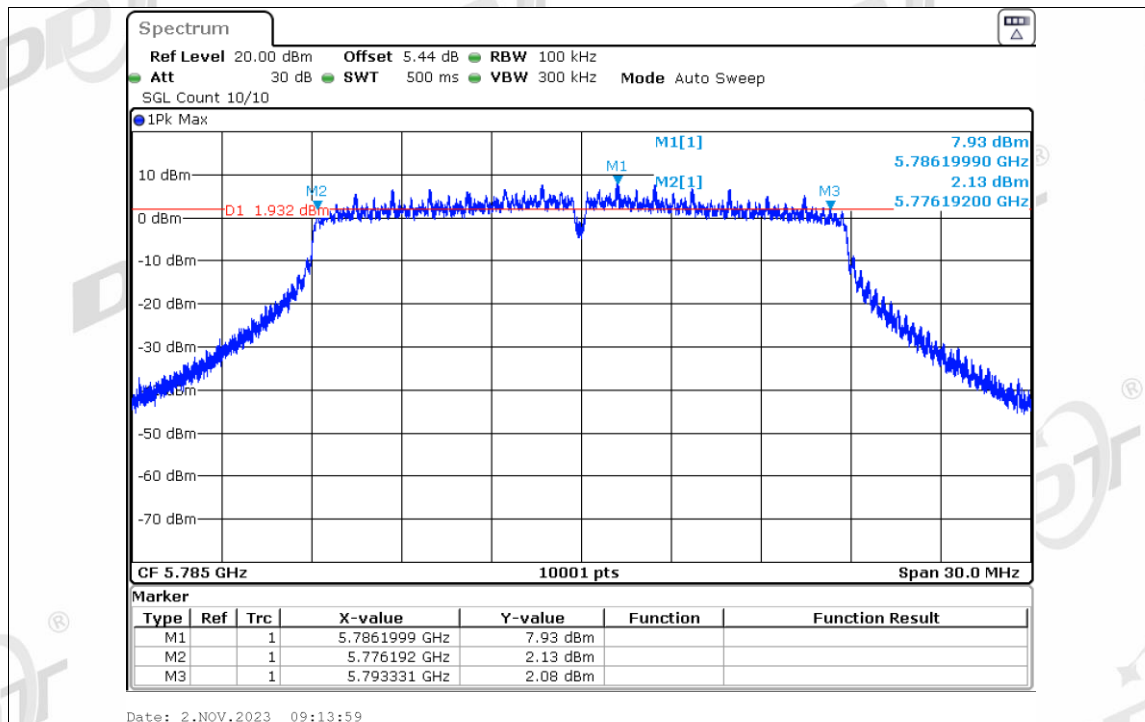
-6dB Bandwidth NVNT ac20 5825MHz Ant1



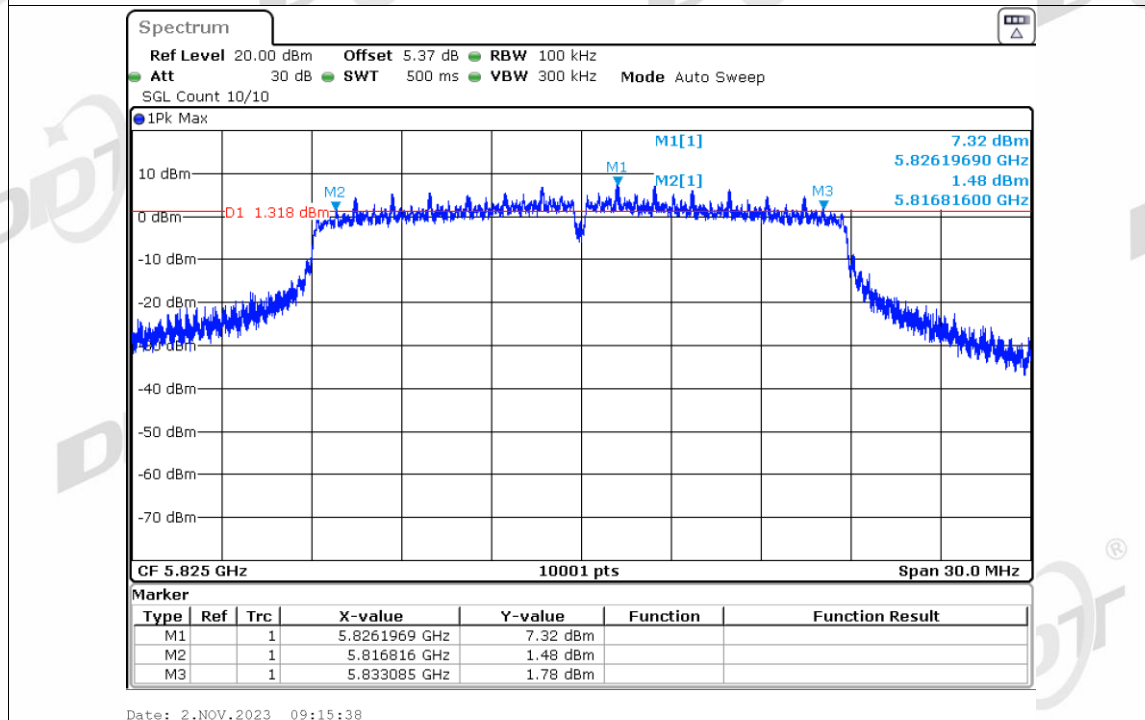
-6dB Bandwidth NVNT ac20 5745MHz Ant2



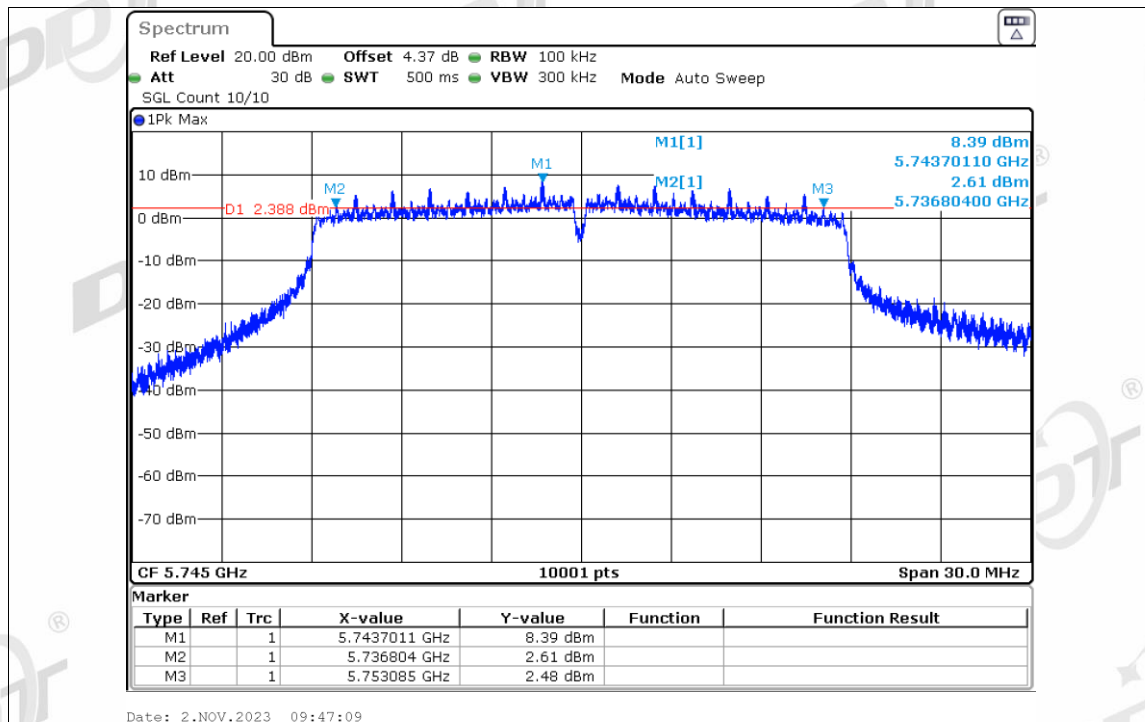
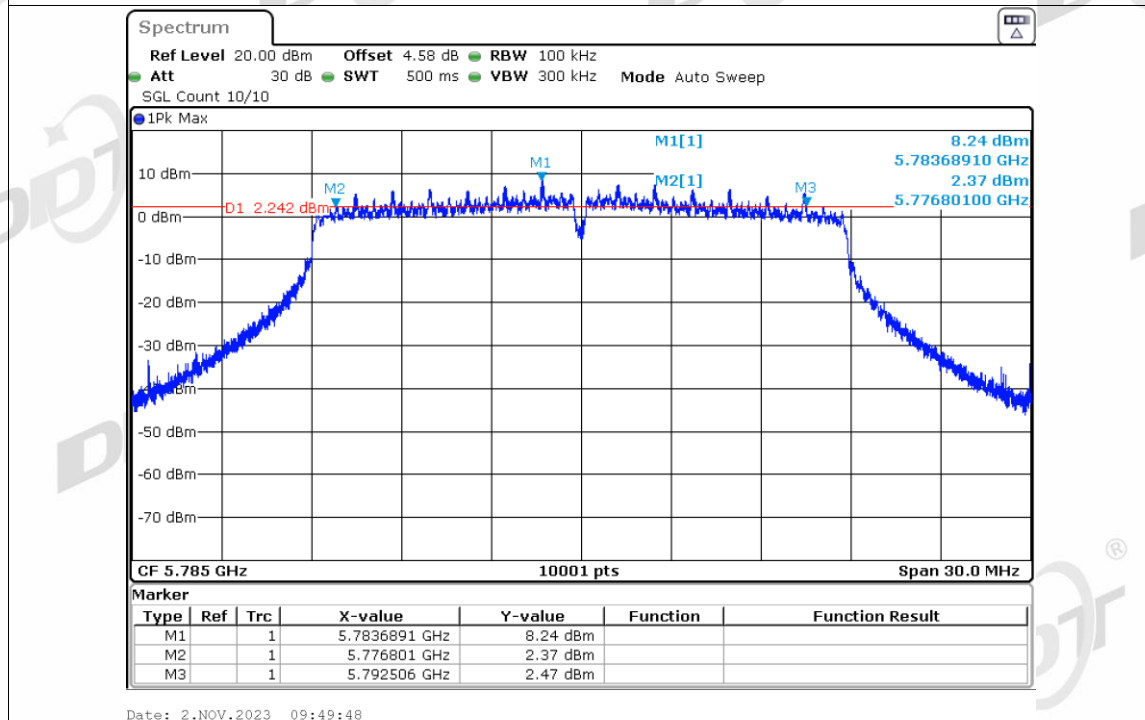
-6dB Bandwidth NVNT ac20 5785MHz Ant2

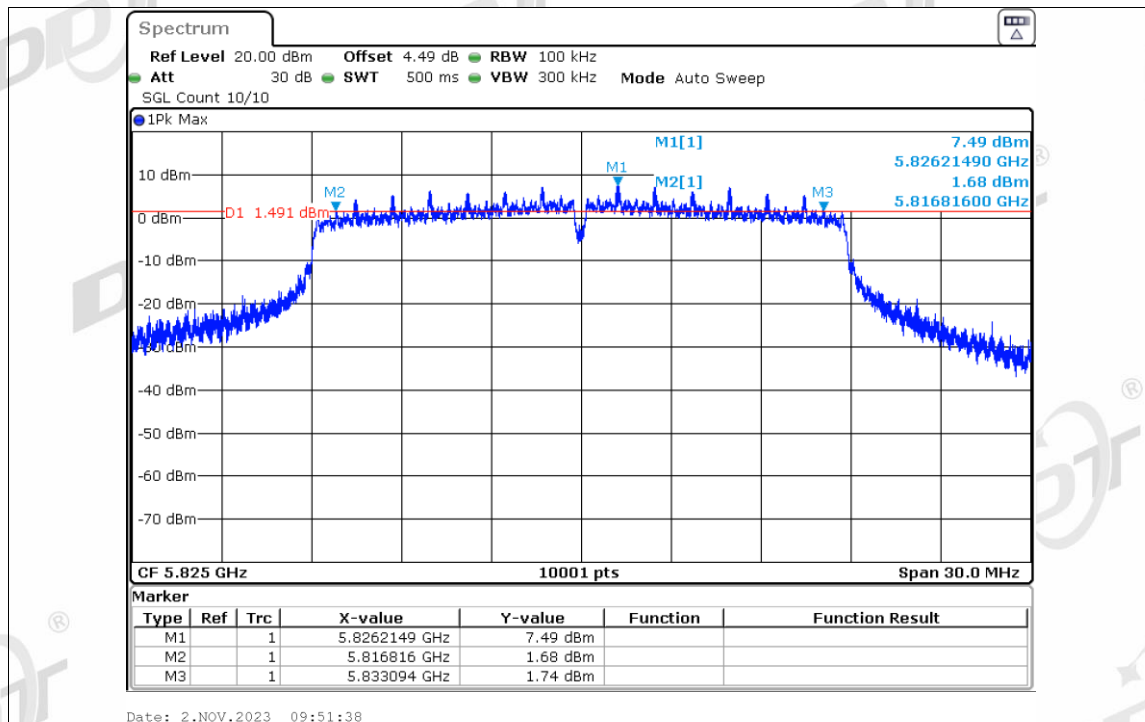


-6dB Bandwidth NVNT ac20 5825MHz Ant2

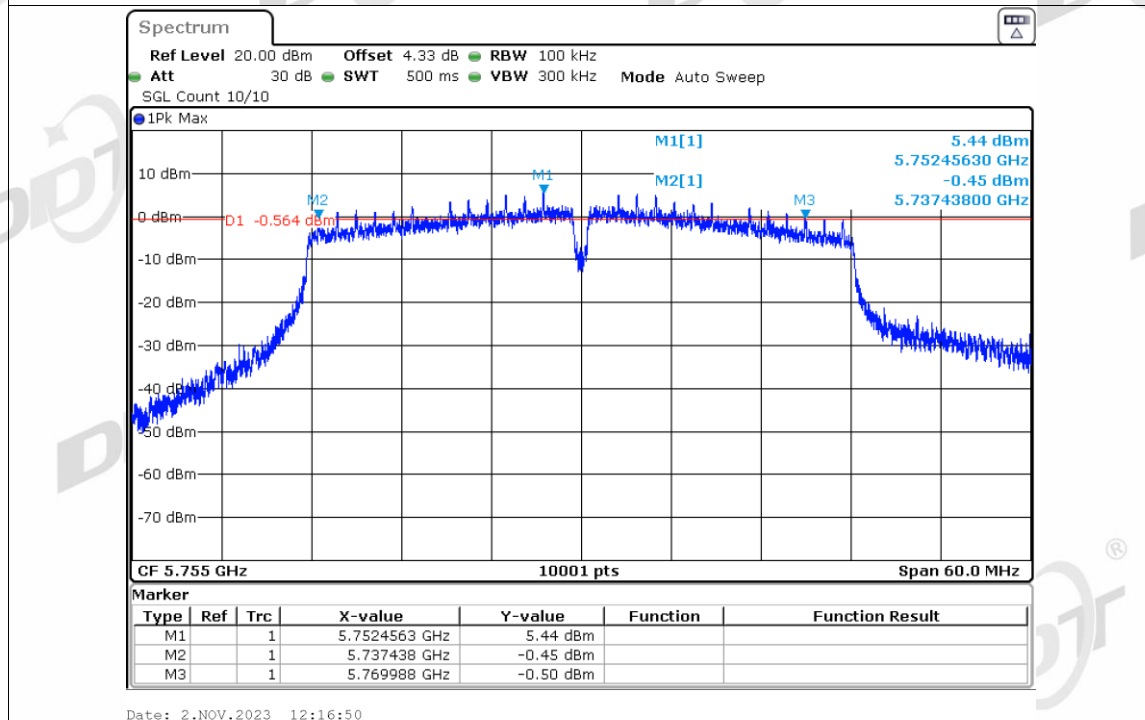


-6dB Bandwidth NVNT ac20 5745MHz Ant3

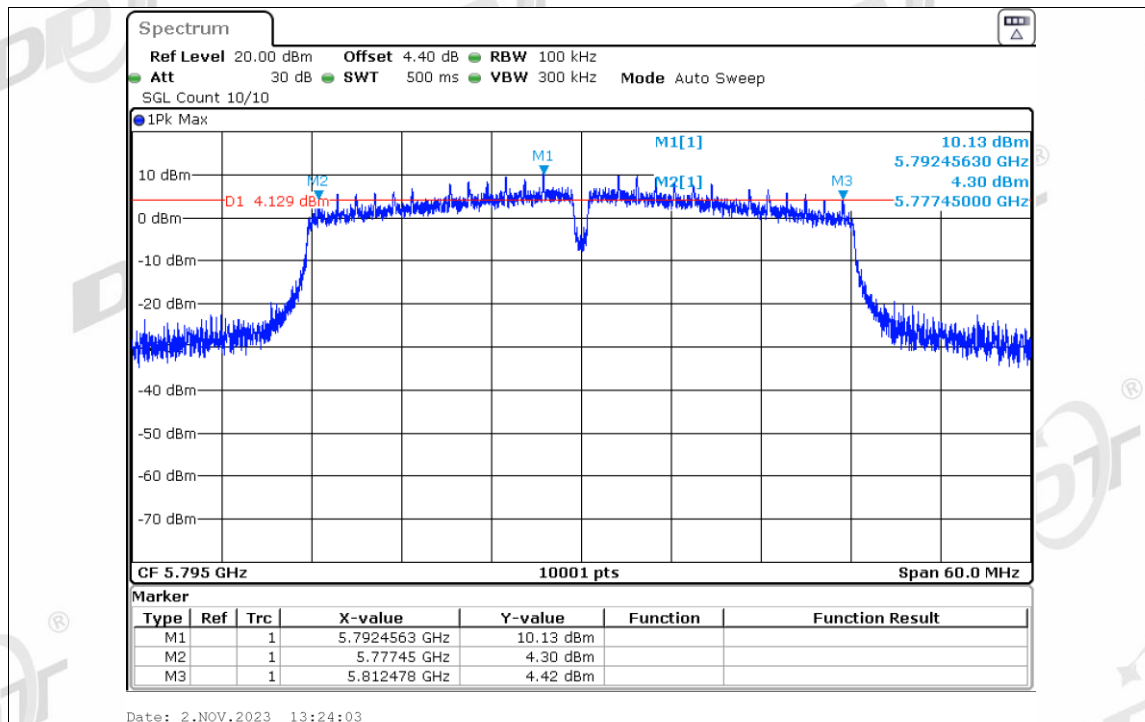
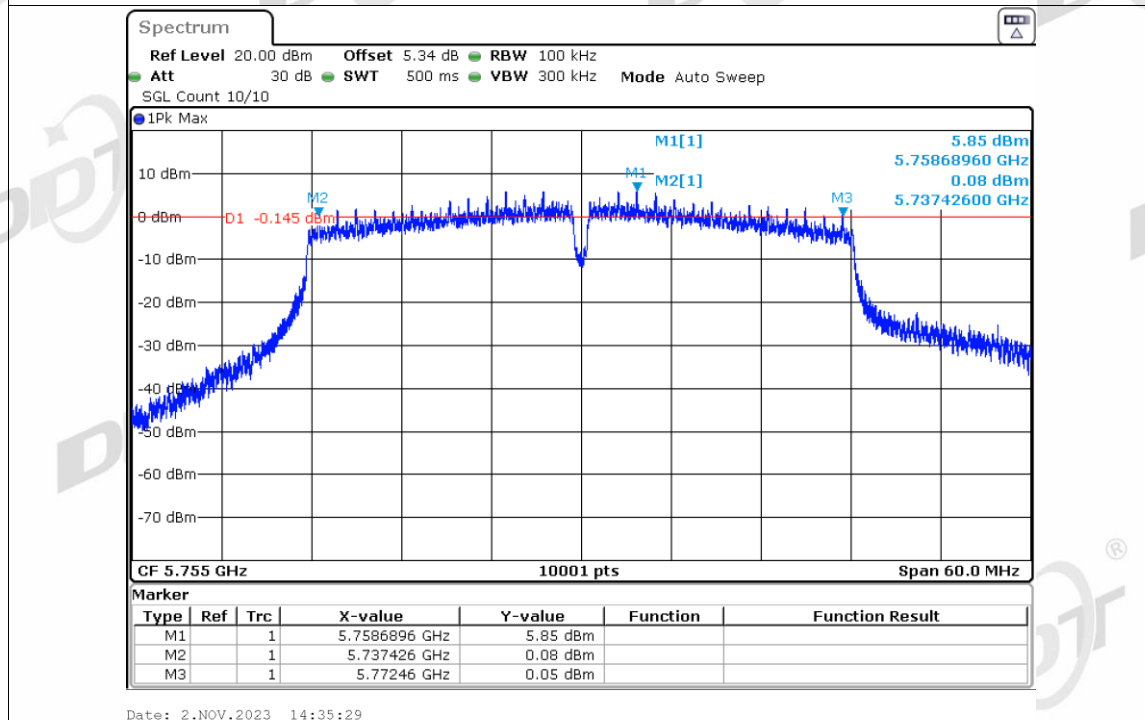
**-6dB Bandwidth NVNT ac20 5785MHz Ant3****-6dB Bandwidth NVNT ac20 5825MHz Ant3**

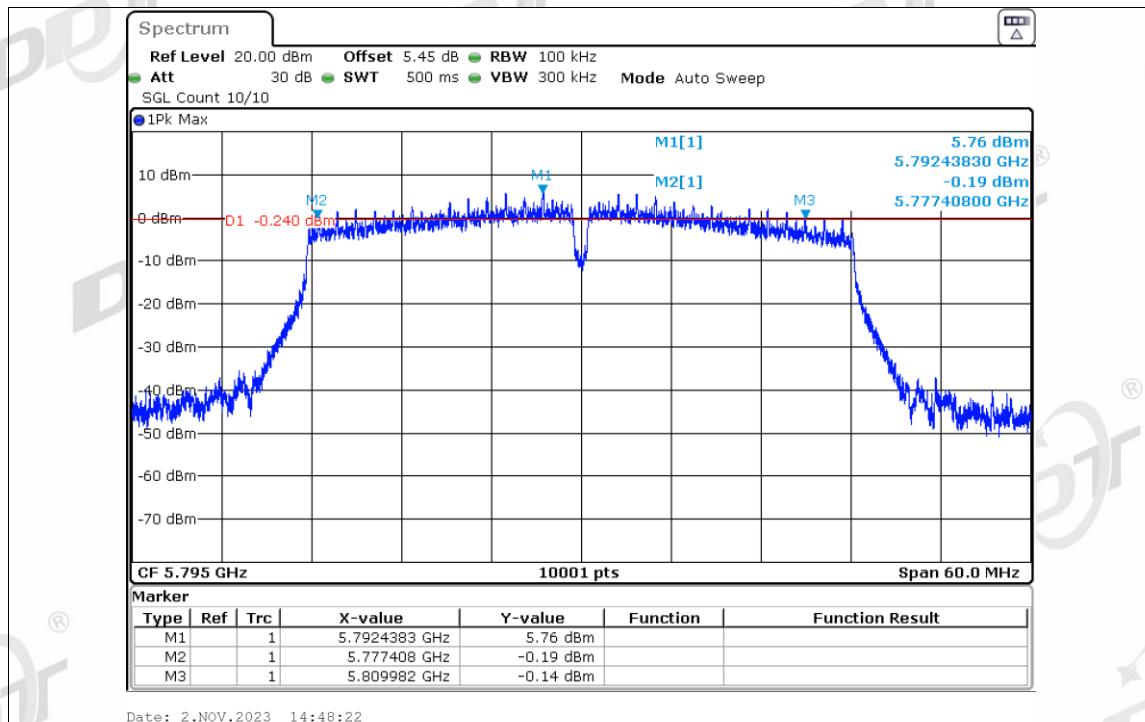


-6dB Bandwidth NVNT ac40 5755MHz Ant1

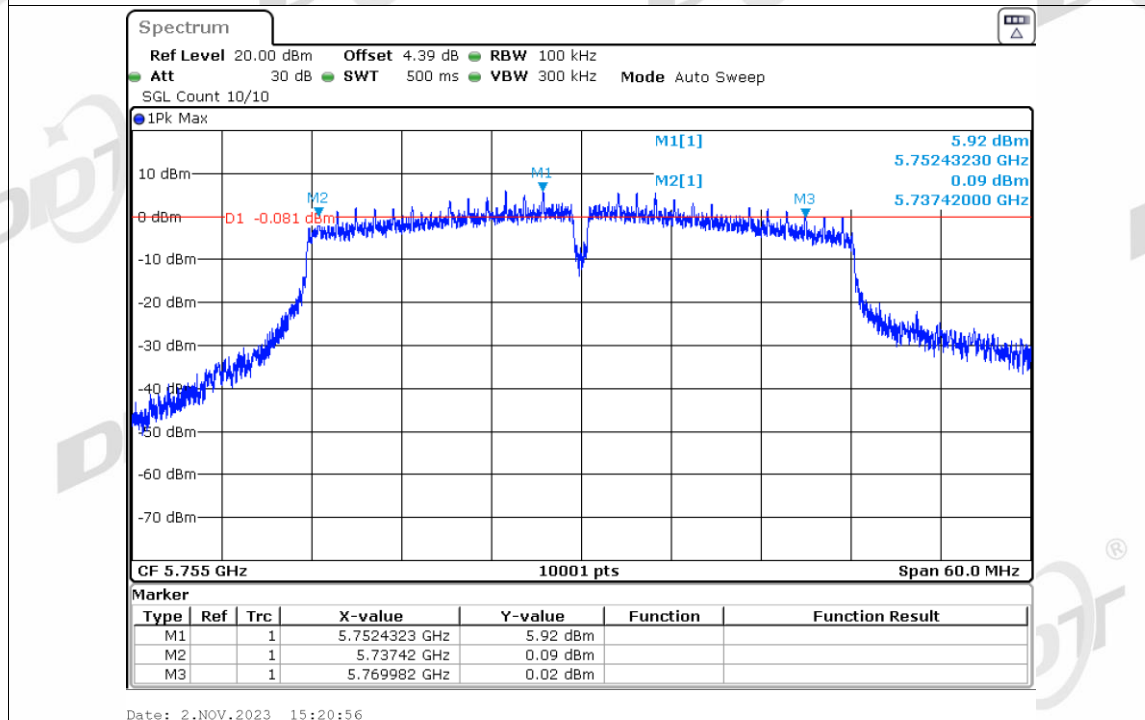


-6dB Bandwidth NVNT ac40 5795MHz Ant1

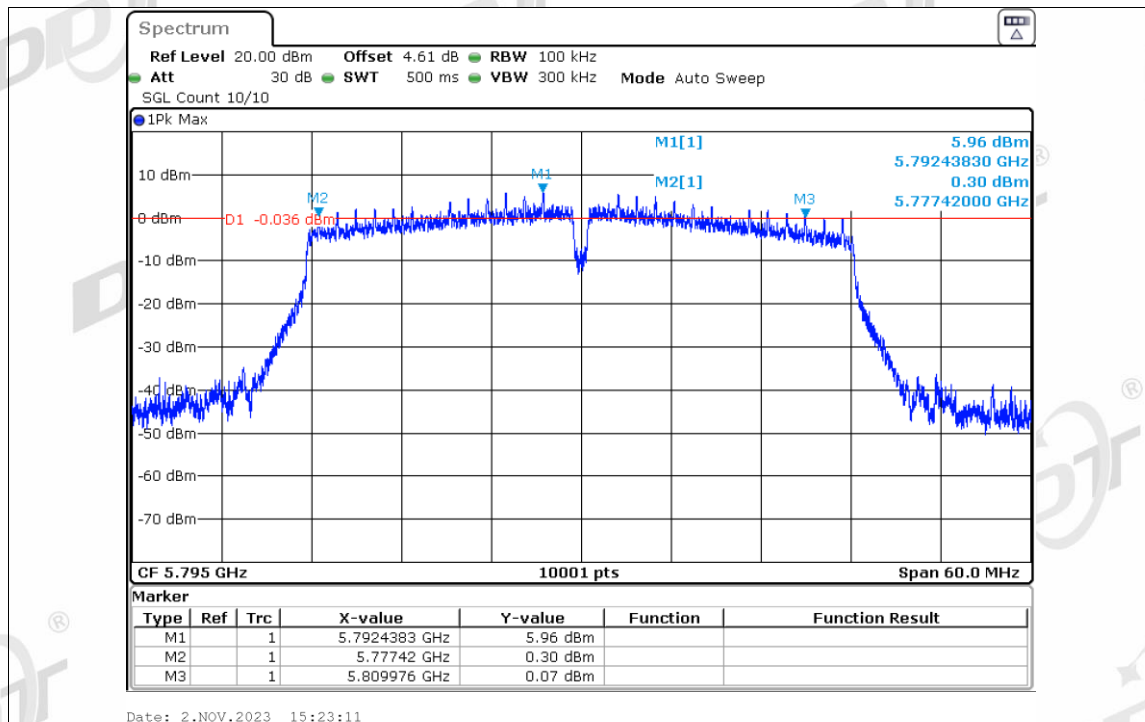
**-6dB Bandwidth NVNT ac40 5755MHz Ant2****-6dB Bandwidth NVNT ac40 5795MHz Ant2**



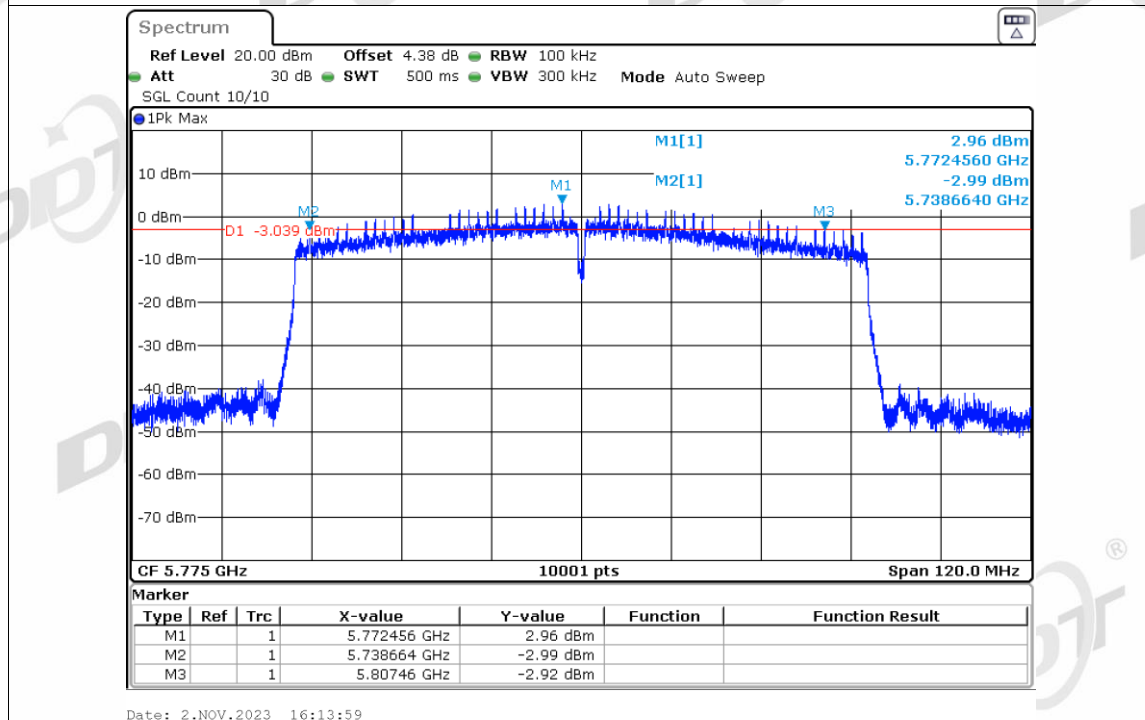
-6dB Bandwidth NVNT ac40 5755MHz Ant3



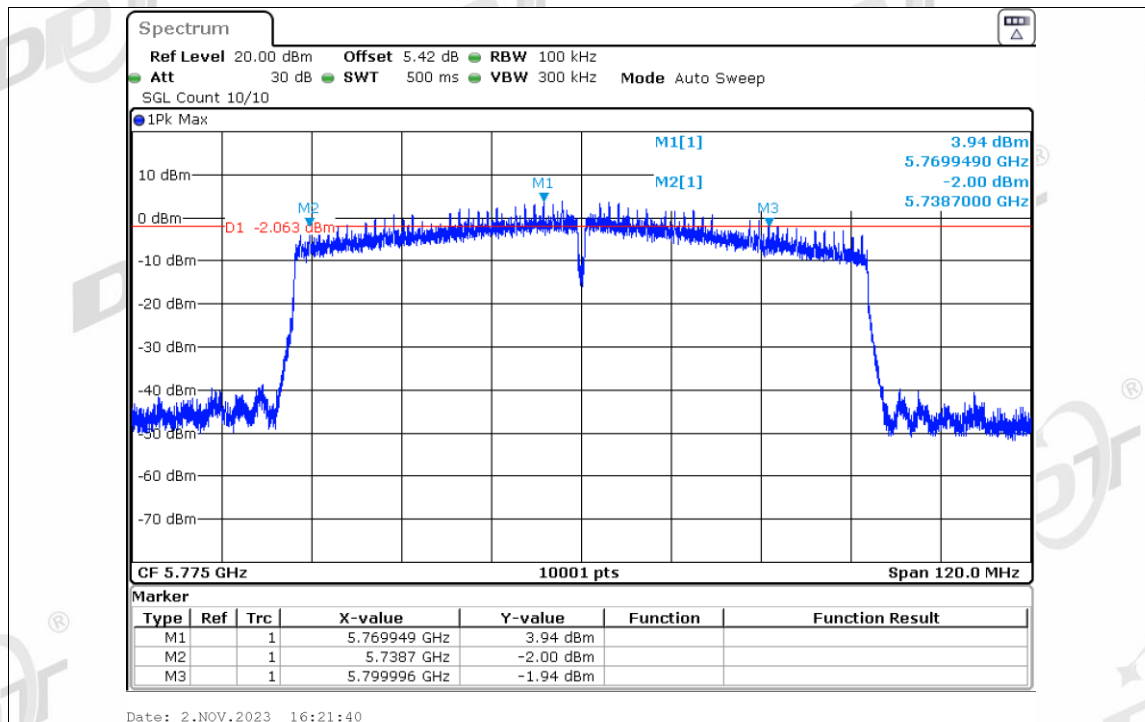
-6dB Bandwidth NVNT ac40 5795MHz Ant3



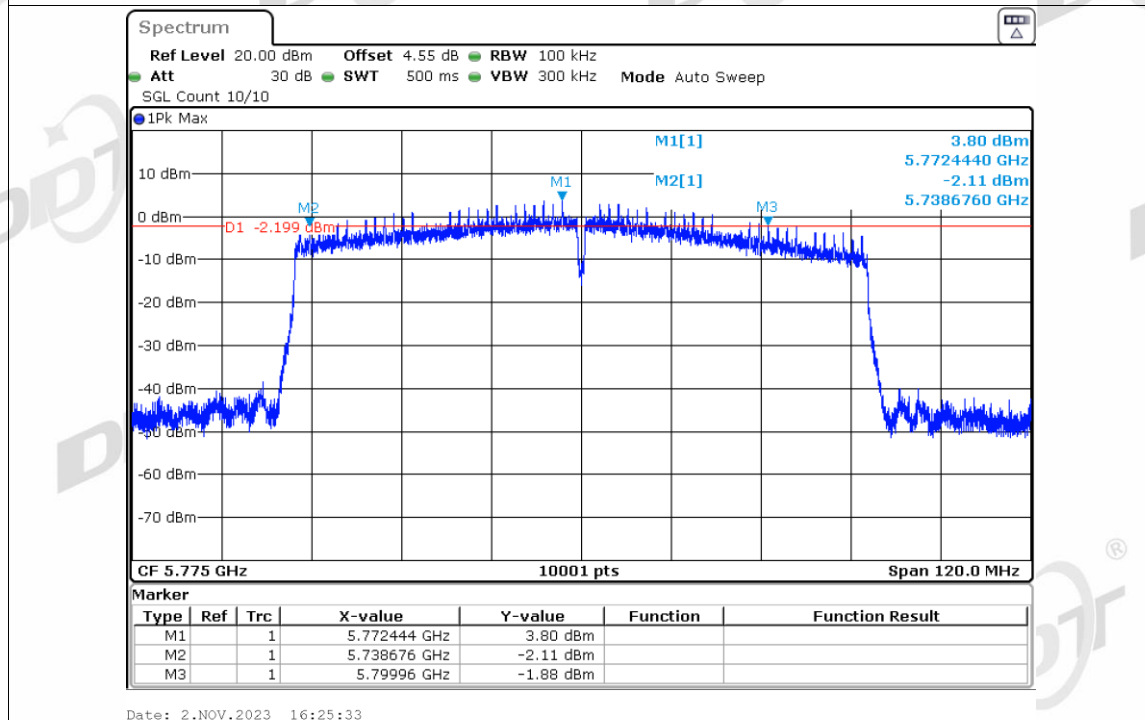
-6dB Bandwidth NVNT ac80 5775MHz Ant1



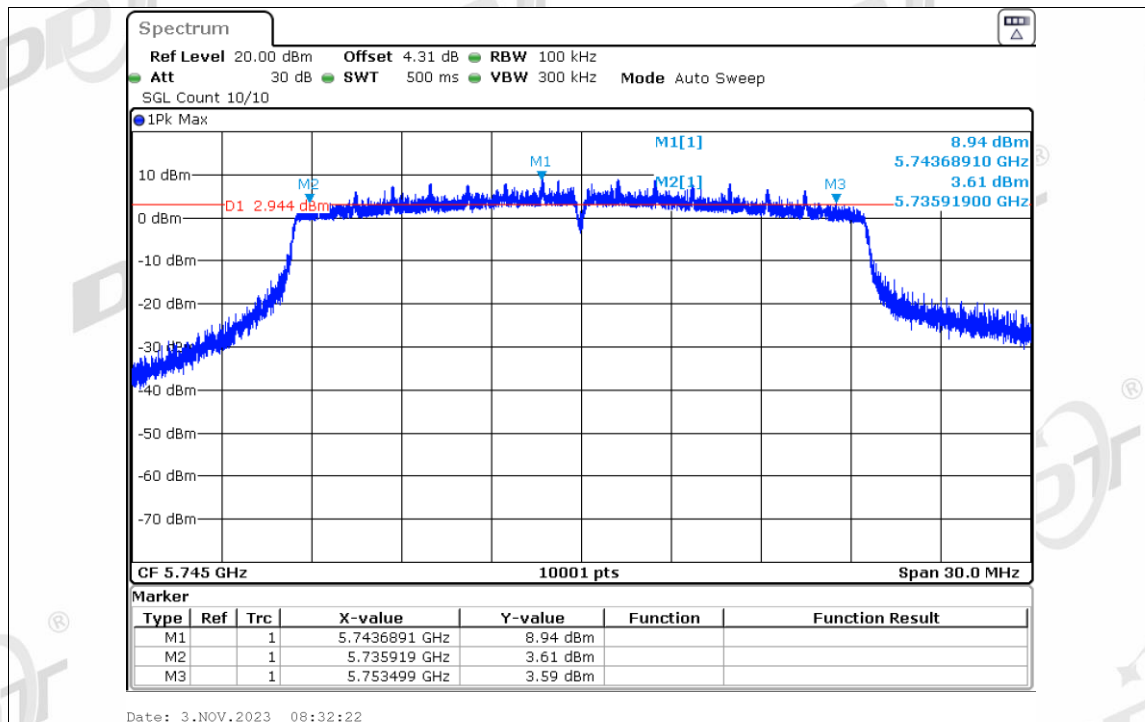
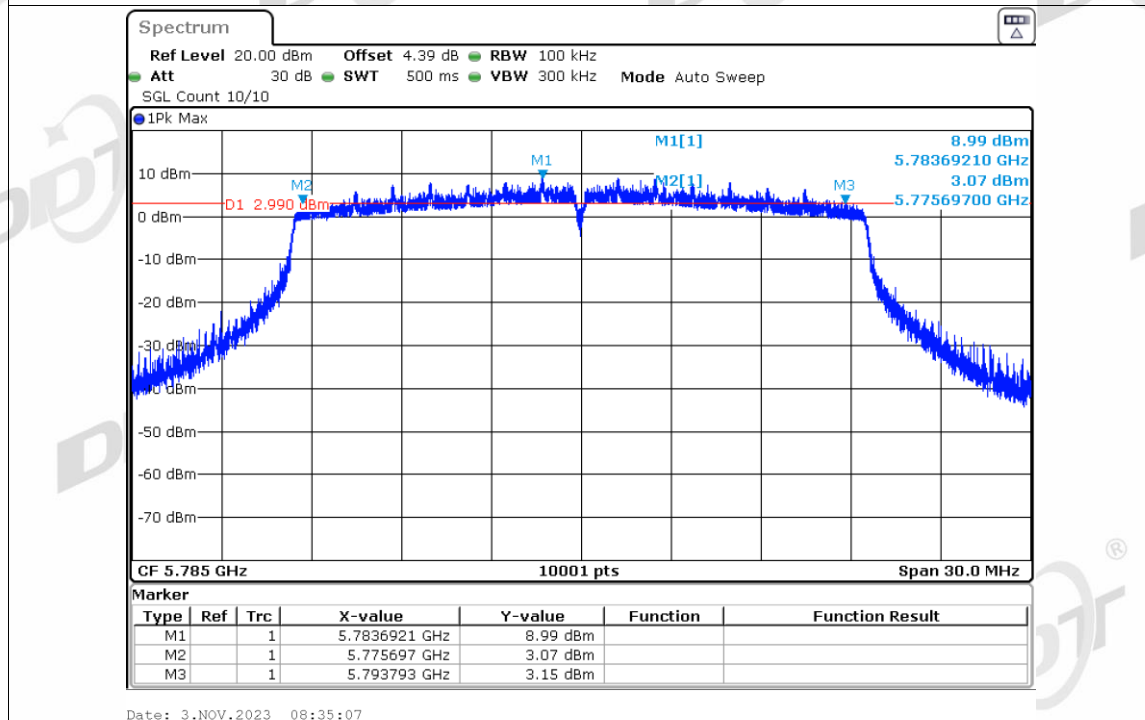
-6dB Bandwidth NVNT ac80 5775MHz Ant2

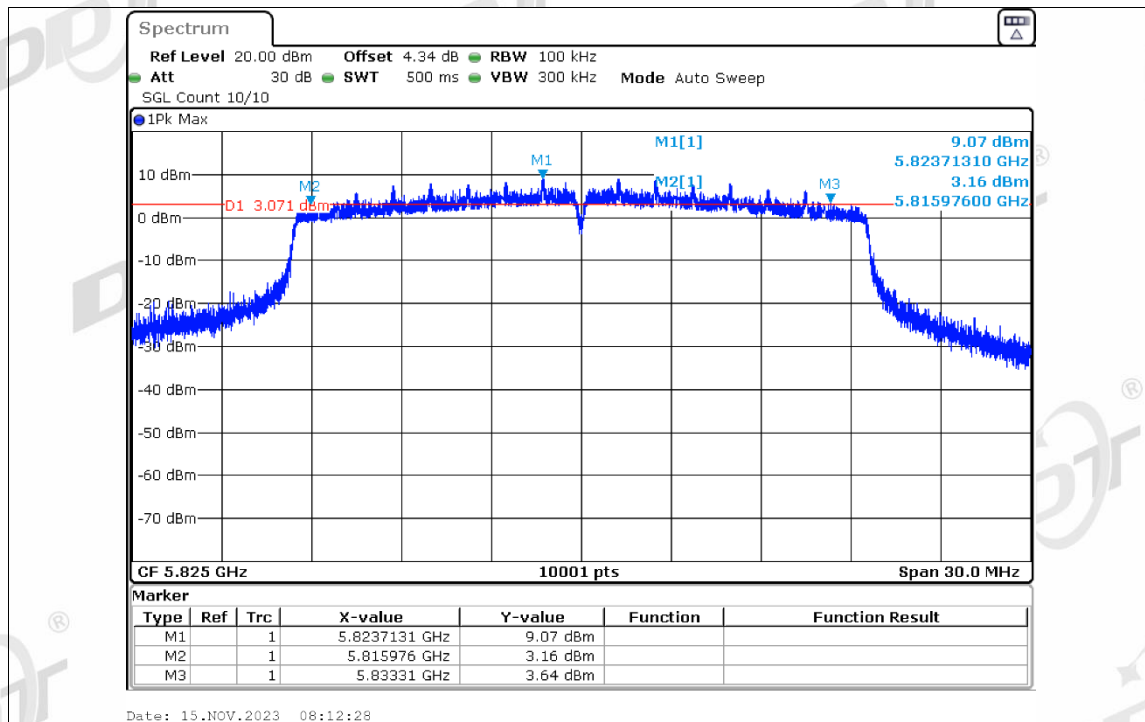


-6dB Bandwidth NVNT ac80 5775MHz Ant3

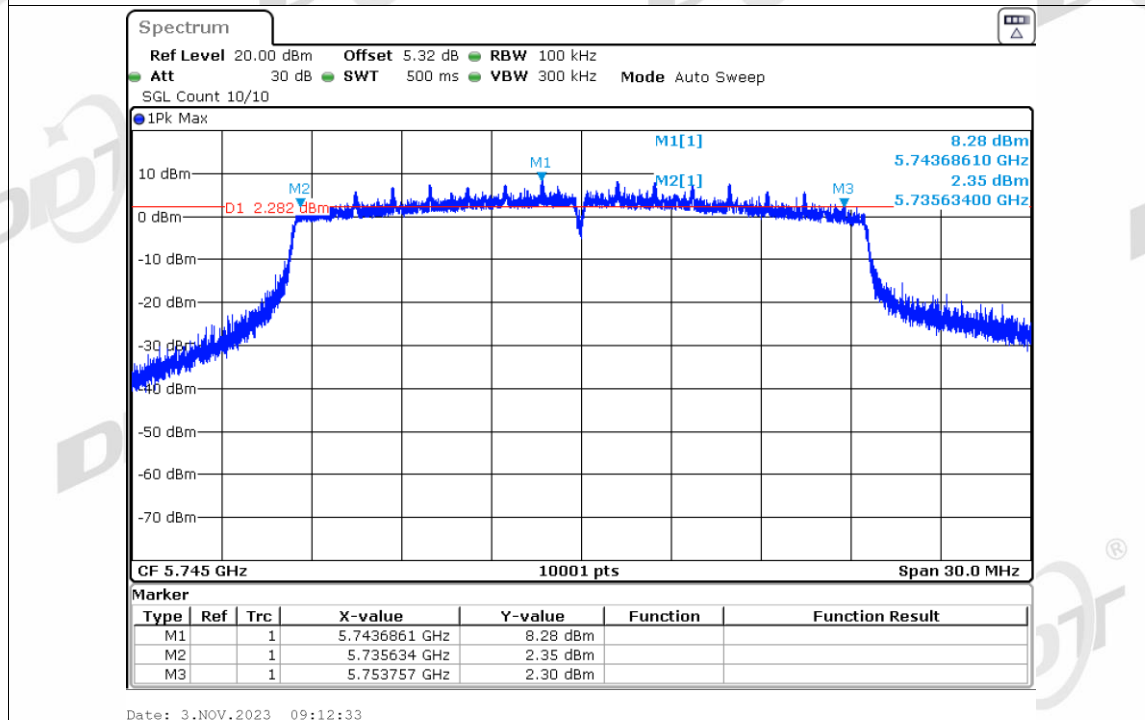


-6dB Bandwidth NVNT ax20 5745MHz Ant1

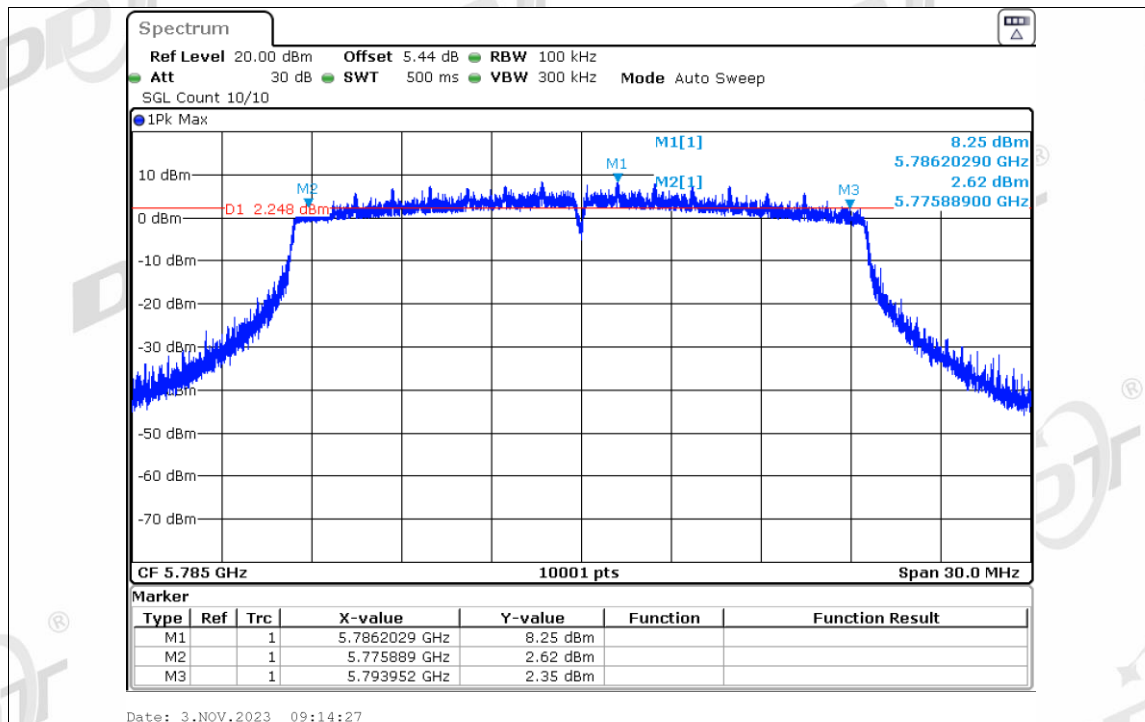
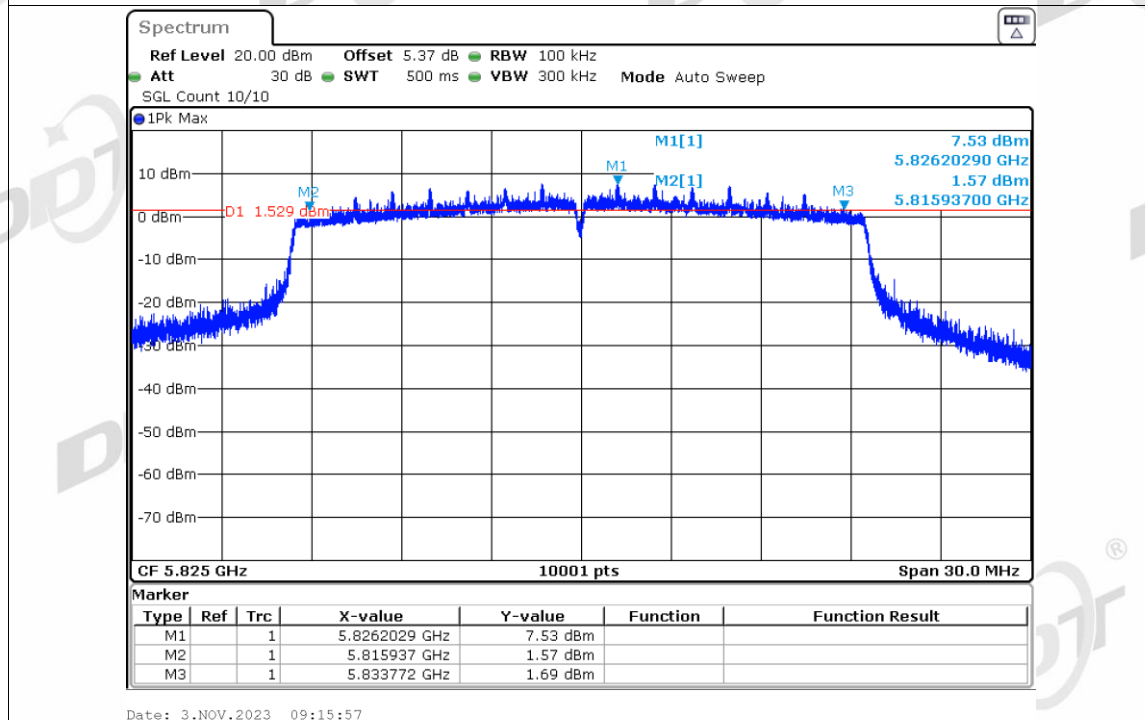
**-6dB Bandwidth NVNT ax20 5785MHz Ant1****-6dB Bandwidth NVNT ax20 5825MHz Ant1**

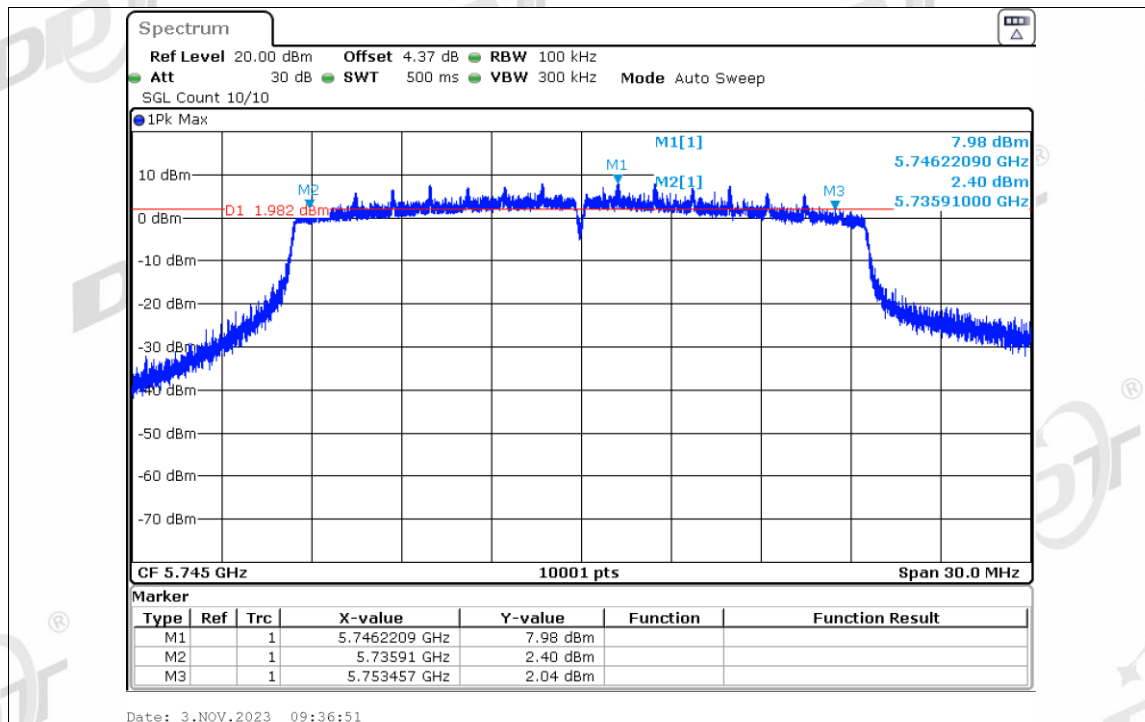


-6dB Bandwidth NVNT ax20 5745MHz Ant2

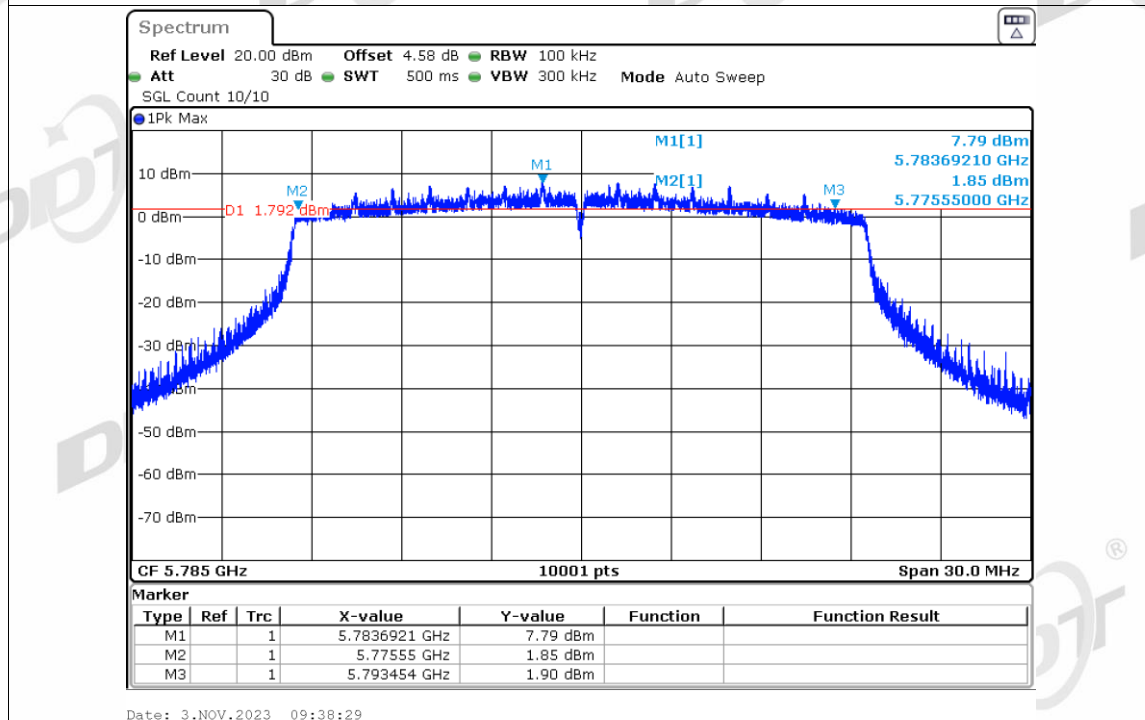


-6dB Bandwidth NVNT ax20 5785MHz Ant2

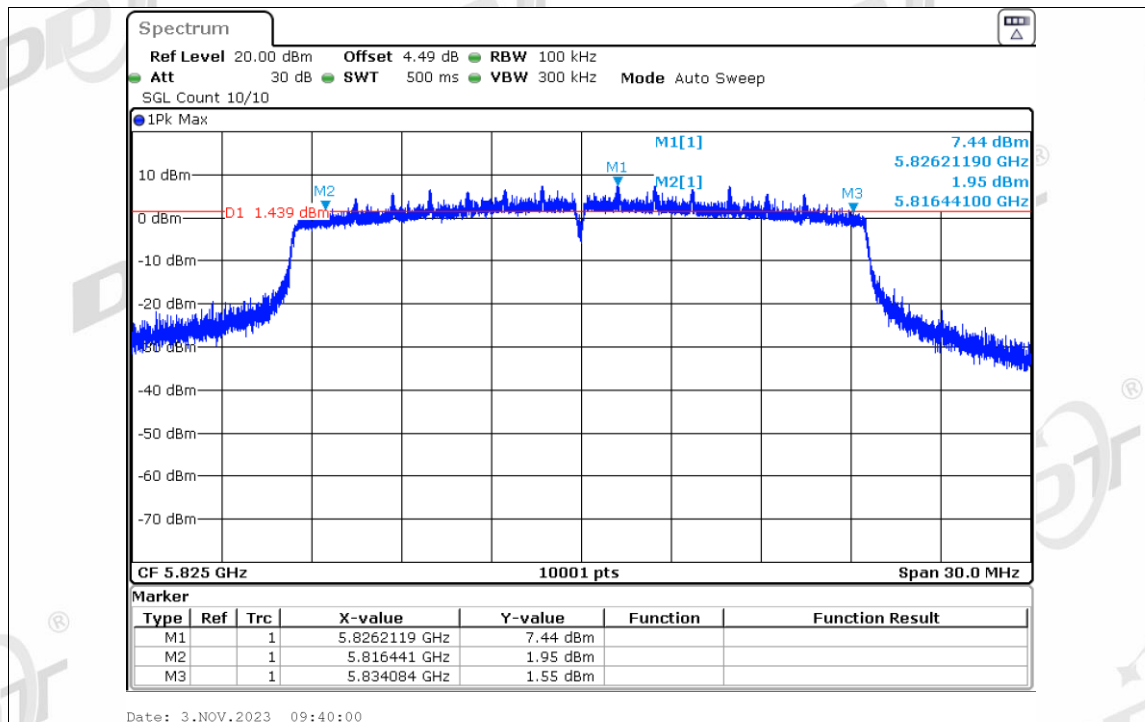
**-6dB Bandwidth NVNT ax20 5825MHz Ant2****-6dB Bandwidth NVNT ax20 5745MHz Ant3**



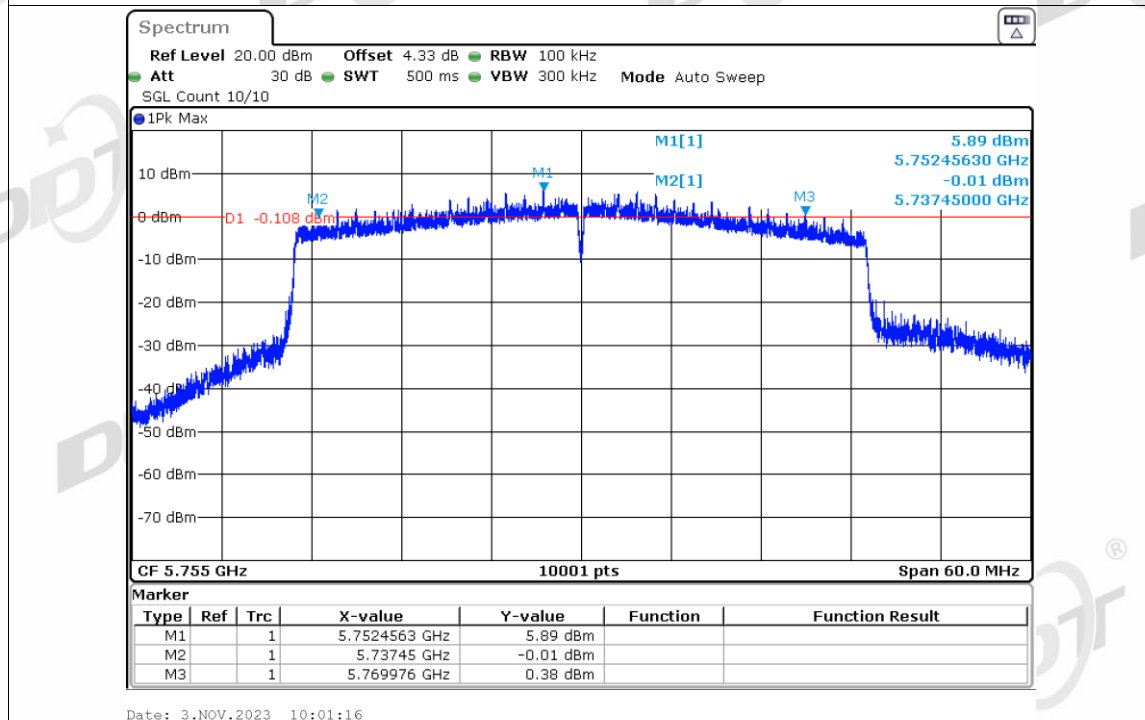
-6dB Bandwidth NVNT ax20 5785MHz Ant3



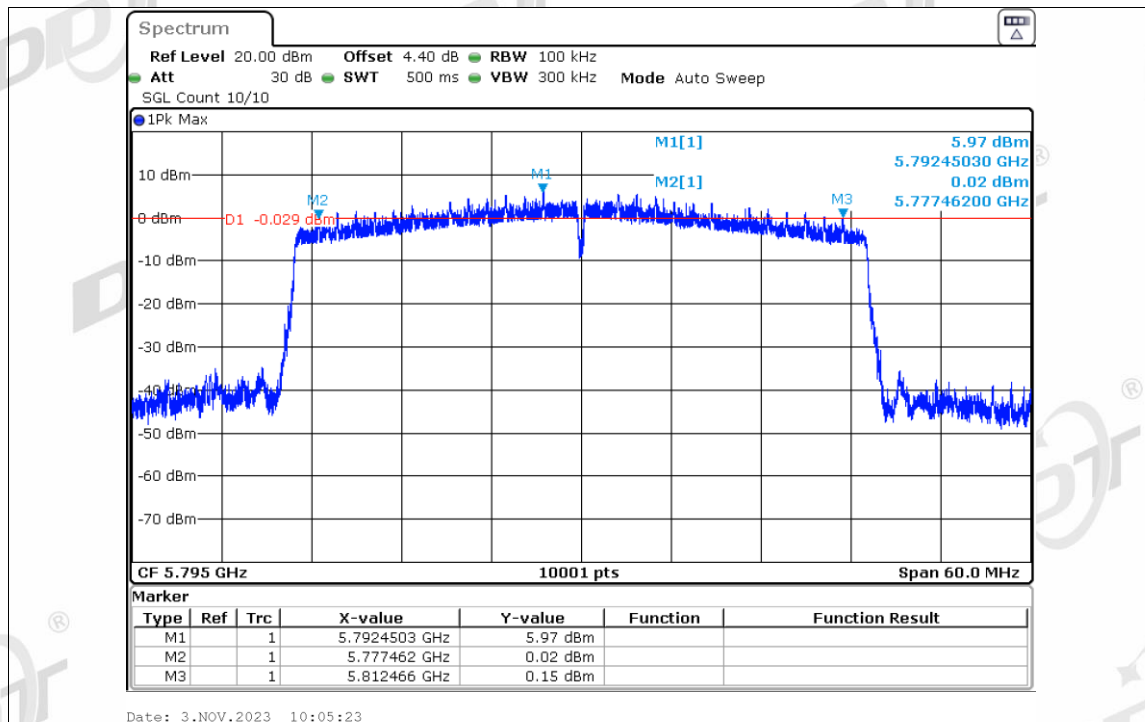
-6dB Bandwidth NVNT ax20 5825MHz Ant3



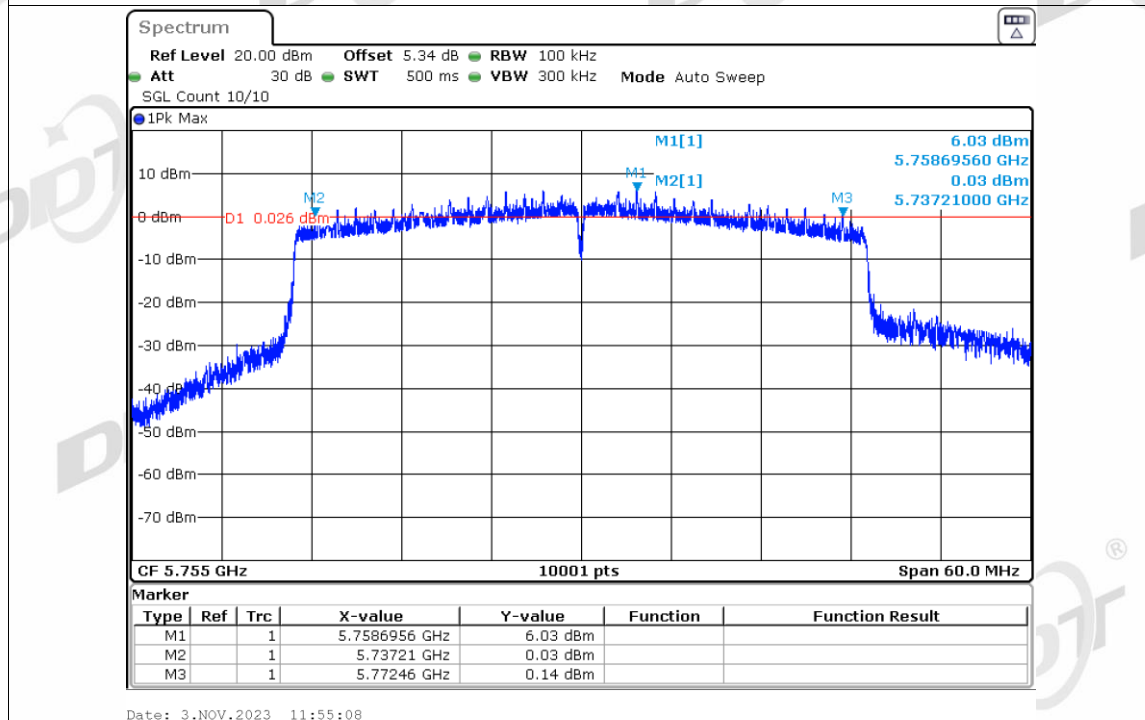
-6dB Bandwidth NVNT ax40 5755MHz Ant1



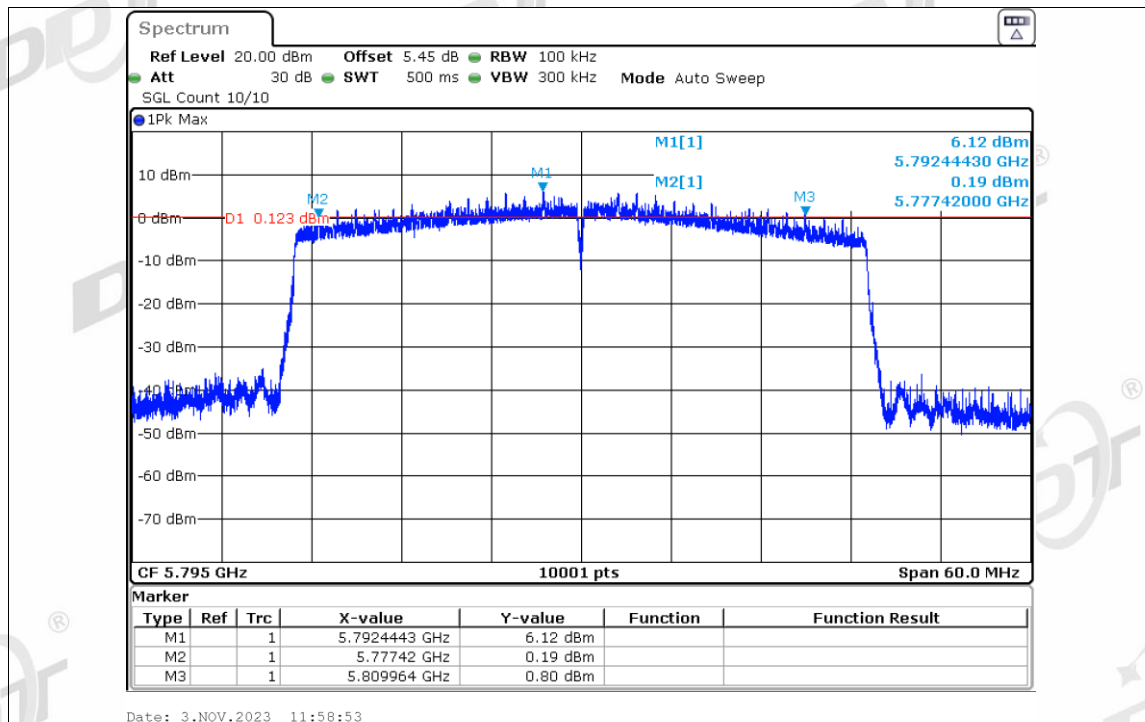
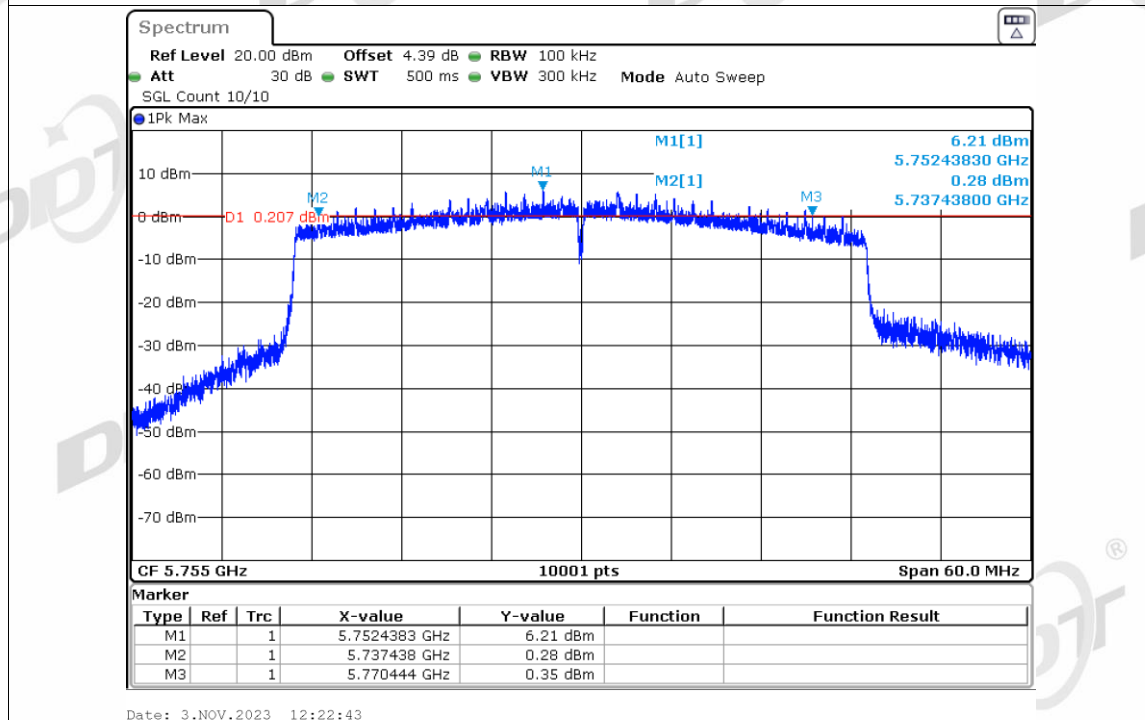
-6dB Bandwidth NVNT ax40 5795MHz Ant1

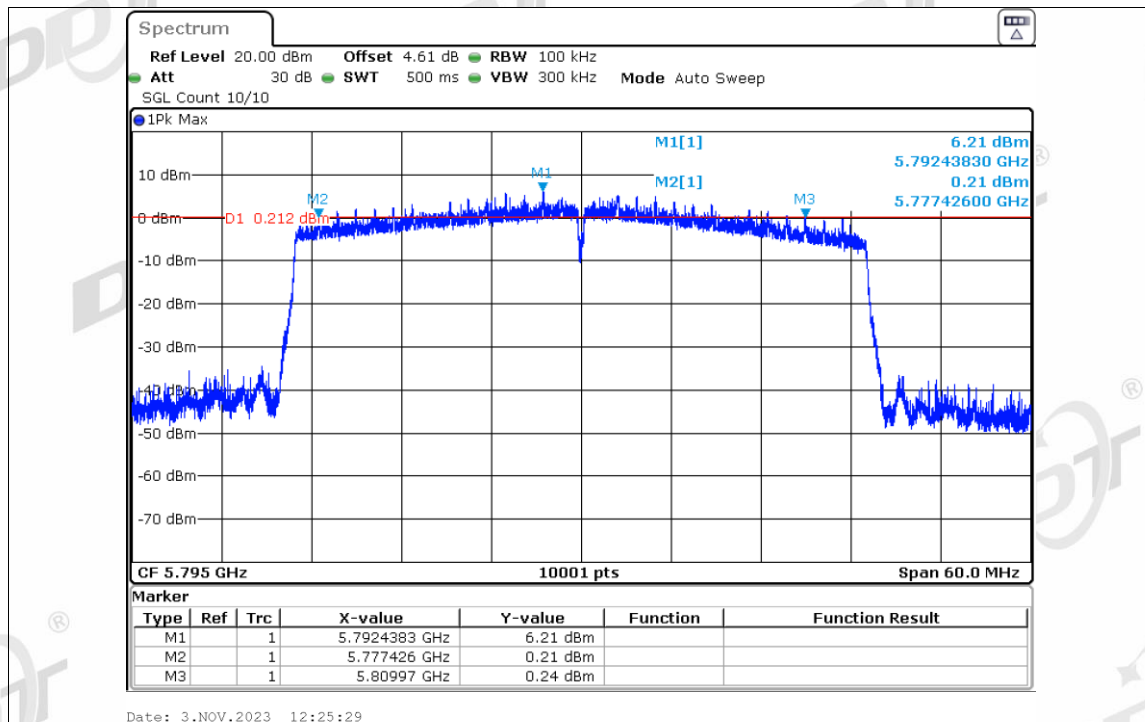


-6dB Bandwidth NVNT ax40 5755MHz Ant2

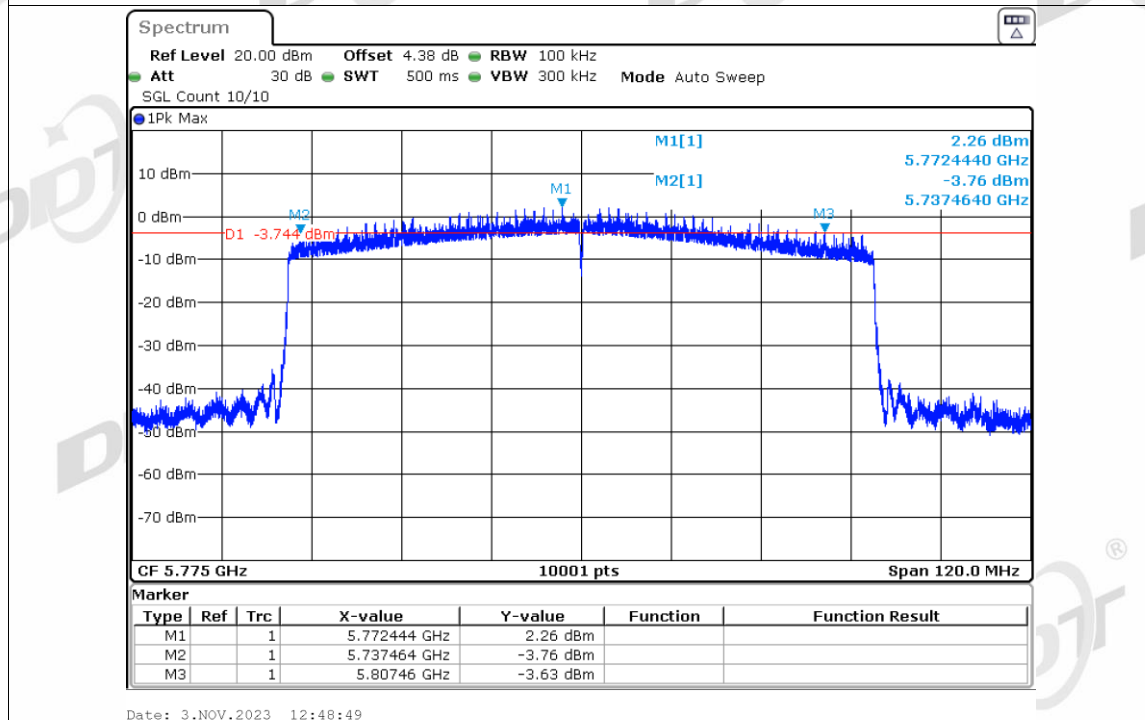


-6dB Bandwidth NVNT ax40 5795MHz Ant2

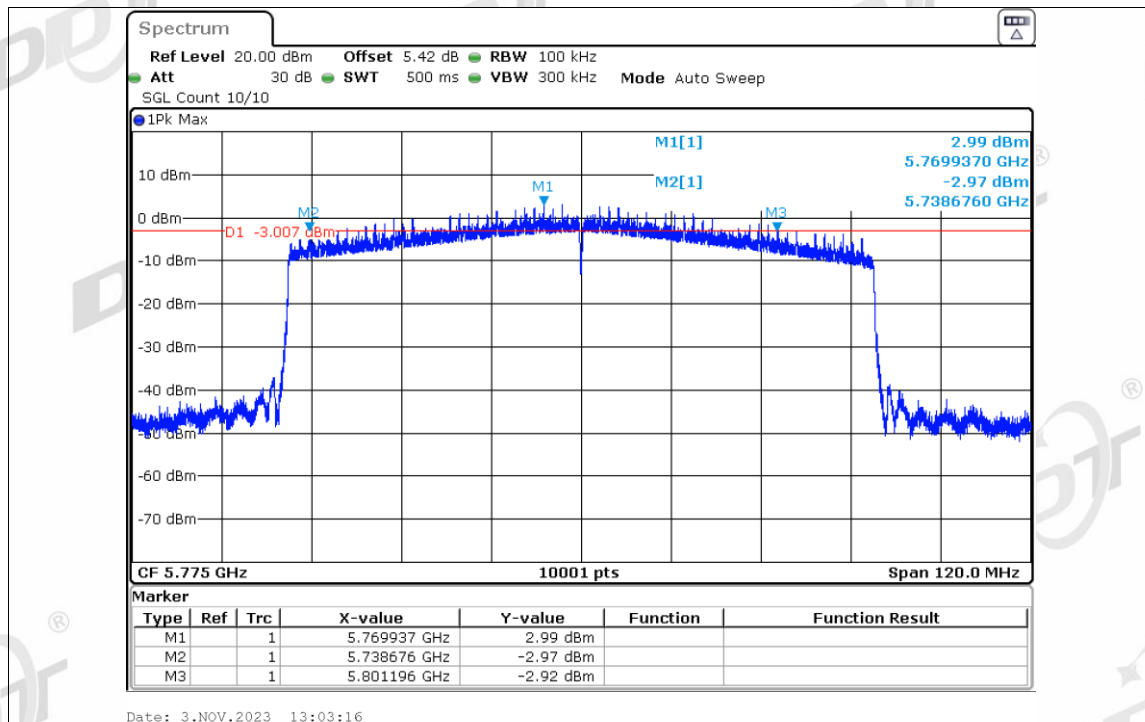
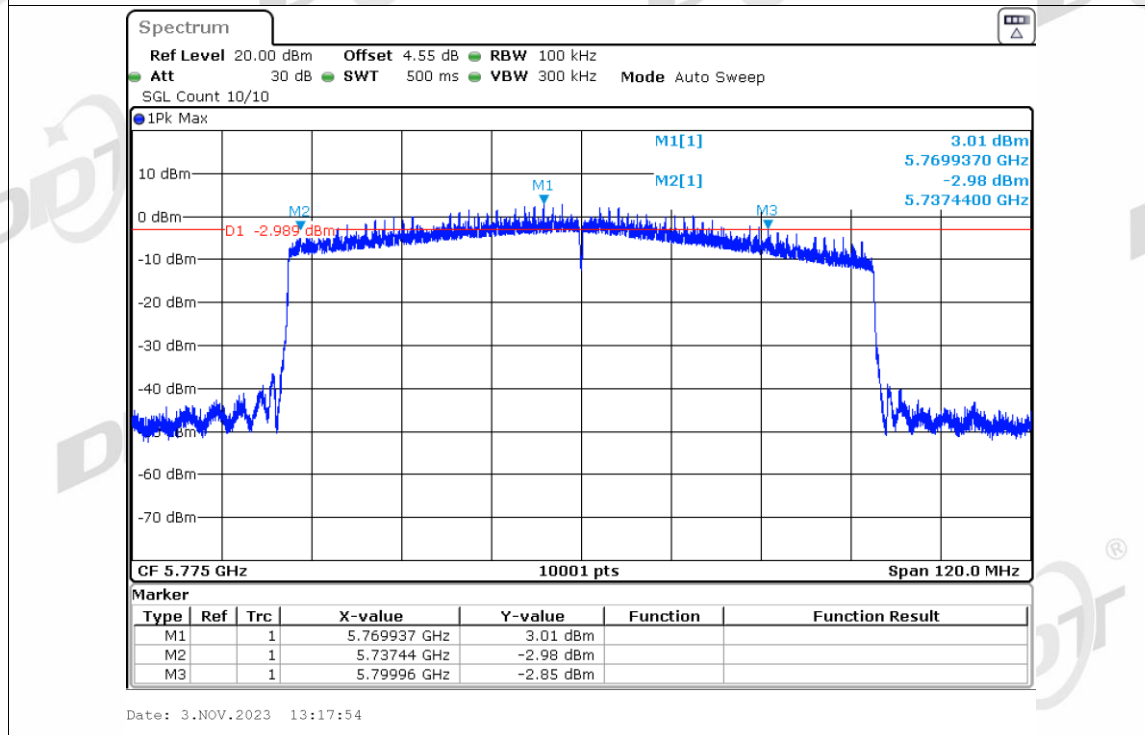
**-6dB Bandwidth NVNT ax40 5755MHz Ant3****-6dB Bandwidth NVNT ax40 5795MHz Ant3**



-6dB Bandwidth NVNT ax80 5775MHz Ant1



-6dB Bandwidth NVNT ax80 5775MHz Ant2

**-6dB Bandwidth NVNT ax80 5775MHz Ant3**

5. Duty Cycle

5.1. Block diagram of test setup

Same as section 4.1

5.2. Limit

Just for Report.

5.3. Test procedure

(1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, The cable loss and attenuator loss have been put into spectrum analyzer as amplitude offset.

set the Spectrum Analyzer as below:

Centre Frequency: The center frequency of the middle hopping channel.

Resolution BW: 10 MHz.

Video BW: 10 MHz.

Span: Zero span.

Detector: Peak.

Trace Mode: Max Hold.

Sweep: Video Trigger

(2) When the trace is complete, measure the sending time of 1 burst and the duty cycle of 1 burst cycle.

(3) Calculate dwell time follow below formula:

Duty cycle= Pulse's on time / Burst cycle

5.4. Test result

Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	Burst Length (ms)
a	5180	Ant1	96.76	0.14	1.4
a	5200	Ant1	96.77	0.14	1.39
a	5240	Ant1	96.79	0.14	1.39
a	5260	Ant1	96.78	0.14	1.4
a	5280	Ant1	96.76	0.14	1.4
a	5320	Ant1	96.77	0.14	1.4
a	5500	Ant1	96.77	0.14	1.39
a	5580	Ant1	96.81	0.14	1.4
a	5700	Ant1	96.77	0.14	1.4
a	5745	Ant1	96.82	0.14	1.4
a	5785	Ant1	96.82	0.14	1.39
a	5825	Ant1	96.79	0.14	1.39
a	5180	Ant2	96.76	0.14	1.39
a	5200	Ant2	96.81	0.14	1.39
a	5240	Ant2	96.69	0.15	1.39
a	5260	Ant2	96.76	0.14	1.4
a	5280	Ant2	96.77	0.14	1.39
a	5320	Ant2	96.77	0.14	1.4
a	5500	Ant2	96.77	0.14	1.4
a	5580	Ant2	96.76	0.14	1.4
a	5700	Ant2	96.80	0.14	1.39
a	5745	Ant2	96.77	0.14	1.4
a	5785	Ant2	96.77	0.14	1.4
a	5825	Ant2	96.76	0.14	1.39
a	5180	Ant3	96.77	0.14	1.4
a	5200	Ant3	96.76	0.14	1.4
a	5240	Ant3	96.71	0.15	1.4
a	5260	Ant3	96.75	0.14	1.4
a	5280	Ant3	96.77	0.14	1.39
a	5320	Ant3	96.75	0.14	1.39
a	5500	Ant3	96.75	0.14	1.39
a	5580	Ant3	96.78	0.14	1.4
a	5700	Ant3	96.77	0.14	1.4
a	5745	Ant3	96.78	0.14	1.4
a	5785	Ant3	96.77	0.14	1.39
a	5825	Ant3	96.77	0.14	1.4
n20	5180	Ant1	96.32	0.16	1.31
n20	5200	Ant1	96.57	0.15	1.31
n20	5240	Ant1	96.53	0.15	1.31
n20	5260	Ant1	96.57	0.15	1.31
n20	5280	Ant1	96.59	0.15	1.31
n20	5320	Ant1	96.58	0.15	1.31
n20	5500	Ant1	96.54	0.15	1.31
n20	5580	Ant1	96.58	0.15	1.3
n20	5700	Ant1	96.58	0.15	1.31
n20	5745	Ant1	96.59	0.15	1.31
n20	5785	Ant1	96.54	0.15	1.31
n20	5825	Ant1	96.56	0.15	1.3
n20	5180	Ant2	96.53	0.15	1.31

n20	5200	Ant2	96.58	0.15	1.31
n20	5240	Ant2	96.54	0.15	1.3
n20	5260	Ant2	96.57	0.15	1.31
n20	5280	Ant2	96.58	0.15	1.31
n20	5320	Ant2	96.52	0.15	1.31
n20	5500	Ant2	96.58	0.15	1.31
n20	5580	Ant2	96.57	0.15	1.3
n20	5700	Ant2	96.59	0.15	1.31
n20	5745	Ant2	96.53	0.15	1.3
n20	5785	Ant2	96.58	0.15	1.3
n20	5825	Ant2	96.59	0.15	1.31
n20	5180	Ant3	96.54	0.15	1.31
n20	5200	Ant3	96.58	0.15	1.31
n20	5240	Ant3	96.56	0.15	1.31
n20	5260	Ant3	96.57	0.15	1.3
n20	5280	Ant3	96.58	0.15	1.31
n20	5320	Ant3	96.59	0.15	1.31
n20	5500	Ant3	96.53	0.15	1.3
n20	5580	Ant3	96.58	0.15	1.31
n20	5700	Ant3	96.58	0.15	1.31
n20	5745	Ant3	96.60	0.15	1.31
n20	5785	Ant3	96.58	0.15	1.31
n20	5825	Ant3	96.58	0.15	1.31
n40	5190	Ant1	93.34	0.3	0.64
n40	5230	Ant1	93.35	0.3	0.64
n40	5270	Ant1	93.34	0.3	0.64
n40	5310	Ant1	93.33	0.3	0.65
n40	5510	Ant1	88.49	0.53	0.35
n40	5550	Ant1	88.35	0.54	0.34
n40	5670	Ant1	88.42	0.53	0.34
n40	5755	Ant1	93.33	0.3	0.65
n40	5795	Ant1	93.38	0.3	0.64
n40	5190	Ant2	93.34	0.3	0.65
n40	5230	Ant2	93.33	0.3	0.65
n40	5270	Ant2	93.36	0.3	0.64
n40	5310	Ant2	93.33	0.3	0.65
n40	5510	Ant2	93.33	0.3	0.65
n40	5550	Ant2	93.39	0.3	0.65
n40	5670	Ant2	93.34	0.3	0.65
n40	5755	Ant2	93.34	0.3	0.64
n40	5795	Ant2	93.33	0.3	0.65
n40	5190	Ant3	93.33	0.3	0.65
n40	5230	Ant3	93.34	0.3	0.65
n40	5270	Ant3	93.38	0.3	0.64
n40	5310	Ant3	93.33	0.3	0.65
n40	5510	Ant3	93.34	0.3	0.64
n40	5550	Ant3	93.32	0.3	0.65
n40	5670	Ant3	93.33	0.3	0.65
n40	5755	Ant3	93.33	0.3	0.65
n40	5795	Ant3	93.34	0.3	0.64
ac20	5180	Ant1	91.30	0.4	0.48
ac20	5200	Ant1	91.25	0.4	0.48
ac20	5240	Ant1	91.17	0.4	0.48
ac20	5260	Ant1	91.29	0.4	0.48
ac20	5280	Ant1	91.29	0.4	0.48

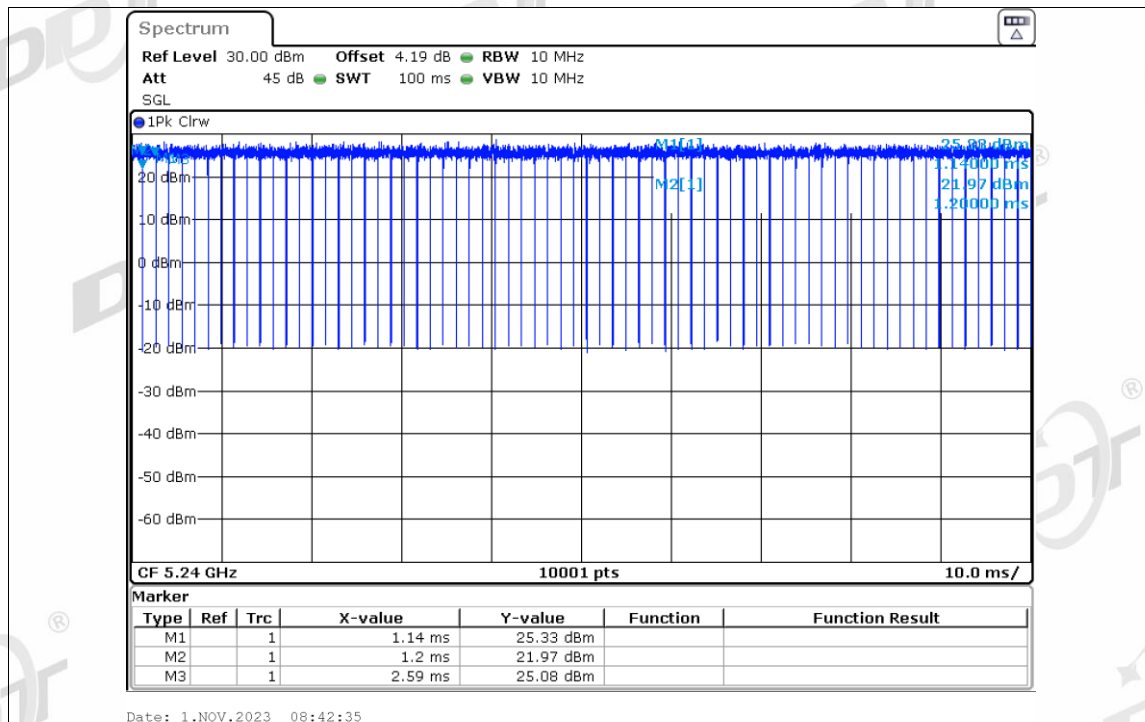
ac20	5320	Ant1	91.27	0.4	0.48
ac20	5500	Ant1	91.29	0.4	0.48
ac20	5580	Ant1	91.29	0.4	0.48
ac20	5700	Ant1	91.29	0.4	0.48
ac20	5745	Ant1	91.27	0.4	0.48
ac20	5785	Ant1	91.30	0.4	0.48
ac20	5825	Ant1	91.28	0.4	0.48
ac20	5180	Ant2	91.27	0.4	0.48
ac20	5200	Ant2	91.24	0.4	0.48
ac20	5240	Ant2	91.22	0.4	0.48
ac20	5260	Ant2	91.30	0.4	0.48
ac20	5280	Ant2	91.23	0.4	0.48
ac20	5320	Ant2	91.29	0.4	0.48
ac20	5500	Ant2	91.25	0.4	0.48
ac20	5580	Ant2	91.23	0.4	0.48
ac20	5700	Ant2	91.24	0.4	0.48
ac20	5745	Ant2	91.27	0.4	0.48
ac20	5785	Ant2	91.26	0.4	0.48
ac20	5825	Ant2	91.29	0.4	0.48
ac20	5180	Ant3	91.27	0.4	0.48
ac20	5200	Ant3	91.25	0.4	0.48
ac20	5240	Ant3	91.21	0.4	0.48
ac20	5260	Ant3	91.27	0.4	0.48
ac20	5280	Ant3	91.24	0.4	0.48
ac20	5320	Ant3	91.29	0.4	0.48
ac20	5500	Ant3	91.25	0.4	0.48
ac20	5580	Ant3	91.25	0.4	0.48
ac20	5700	Ant3	91.26	0.4	0.48
ac20	5745	Ant3	91.30	0.4	0.48
ac20	5785	Ant3	91.31	0.39	0.48
ac20	5825	Ant3	91.29	0.4	0.48
ac40	5190	Ant1	85.21	0.7	0.26
ac40	5230	Ant1	85.17	0.7	0.26
ac40	5270	Ant1	85.16	0.7	0.26
ac40	5310	Ant1	85.20	0.7	0.26
ac40	5510	Ant1	85.16	0.7	0.26
ac40	5550	Ant1	85.16	0.7	0.26
ac40	5670	Ant1	85.20	0.7	0.26
ac40	5755	Ant1	85.21	0.7	0.26
ac40	5795	Ant1	85.16	0.7	0.26
ac40	5190	Ant2	85.20	0.7	0.26
ac40	5230	Ant2	85.20	0.7	0.26
ac40	5270	Ant2	85.21	0.7	0.26
ac40	5310	Ant2	85.20	0.7	0.26
ac40	5510	Ant2	85.21	0.7	0.26
ac40	5550	Ant2	85.21	0.7	0.26
ac40	5670	Ant2	85.16	0.7	0.26
ac40	5755	Ant2	85.19	0.7	0.26
ac40	5795	Ant2	85.17	0.7	0.26
ac40	5190	Ant3	85.15	0.7	0.26
ac40	5230	Ant3	85.16	0.7	0.26
ac40	5270	Ant3	85.18	0.7	0.26
ac40	5310	Ant3	85.15	0.7	0.26
ac40	5510	Ant3	85.21	0.7	0.26
ac40	5550	Ant3	85.20	0.7	0.26

ac40	5670	Ant3	85.19	0.7	0.26
ac40	5755	Ant3	85.17	0.7	0.26
ac40	5795	Ant3	85.16	0.7	0.26
ac80	5210	Ant1	77.15	1.13	0.14
ac80	5290	Ant1	77.16	1.13	0.15
ac80	5530	Ant1	77.10	1.13	0.14
ac80	5610	Ant1	77.09	1.13	0.15
ac80	5775	Ant1	77.16	1.13	0.15
ac80	5210	Ant2	77.11	1.13	0.15
ac80	5290	Ant2	77.14	1.13	0.14
ac80	5530	Ant2	77.14	1.13	0.15
ac80	5610	Ant2	77.11	1.13	0.15
ac80	5775	Ant2	77.15	1.13	0.15
ac80	5210	Ant3	77.11	1.13	0.15
ac80	5290	Ant3	77.10	1.13	0.15
ac80	5530	Ant3	77.12	1.13	0.15
ac80	5610	Ant3	77.09	1.13	0.15
ac80	5775	Ant3	77.12	1.13	0.14
ax160	5250	Ant1	86.72	0.62	0.26
ax160	5570	Ant1	86.74	0.62	0.26
ax160	5250	Ant2	86.72	0.62	0.26
ax160	5570	Ant2	86.66	0.62	0.26
ax160	5250	Ant3	86.75	0.62	0.26
ax160	5570	Ant3	86.67	0.62	0.25
ax20	5180	Ant1	90.34	0.44	0.43
ax20	5200	Ant1	90.36	0.44	0.43
ax20	5240	Ant1	90.36	0.44	0.43
ax20	5260	Ant1	90.37	0.44	0.43
ax20	5280	Ant1	90.36	0.44	0.43
ax20	5320	Ant1	90.34	0.44	0.43
ax20	5500	Ant1	90.36	0.44	0.43
ax20	5580	Ant1	90.34	0.44	0.42
ax20	5700	Ant1	90.34	0.44	0.43
ax20	5745	Ant1	90.34	0.44	0.42
ax20	5785	Ant1	90.35	0.44	0.43
ax20	5825	Ant1	90.34	0.44	0.43
ax20	5180	Ant2	90.37	0.44	0.43
ax20	5200	Ant2	90.35	0.44	0.43
ax20	5240	Ant2	90.30	0.44	0.43
ax20	5260	Ant2	90.37	0.44	0.43
ax20	5280	Ant2	90.35	0.44	0.43
ax20	5320	Ant2	90.37	0.44	0.43
ax20	5500	Ant2	90.35	0.44	0.43
ax20	5580	Ant2	90.35	0.44	0.43
ax20	5700	Ant2	90.34	0.44	0.43
ax20	5745	Ant2	90.35	0.44	0.43
ax20	5785	Ant2	90.35	0.44	0.43
ax20	5825	Ant2	90.33	0.44	0.43
ax20	5180	Ant3	90.36	0.44	0.43
ax20	5200	Ant3	90.35	0.44	0.43
ax20	5240	Ant3	90.34	0.44	0.43
ax20	5260	Ant3	90.35	0.44	0.43
ax20	5280	Ant3	90.35	0.44	0.43
ax20	5320	Ant3	90.35	0.44	0.43
ax20	5500	Ant3	90.34	0.44	0.43

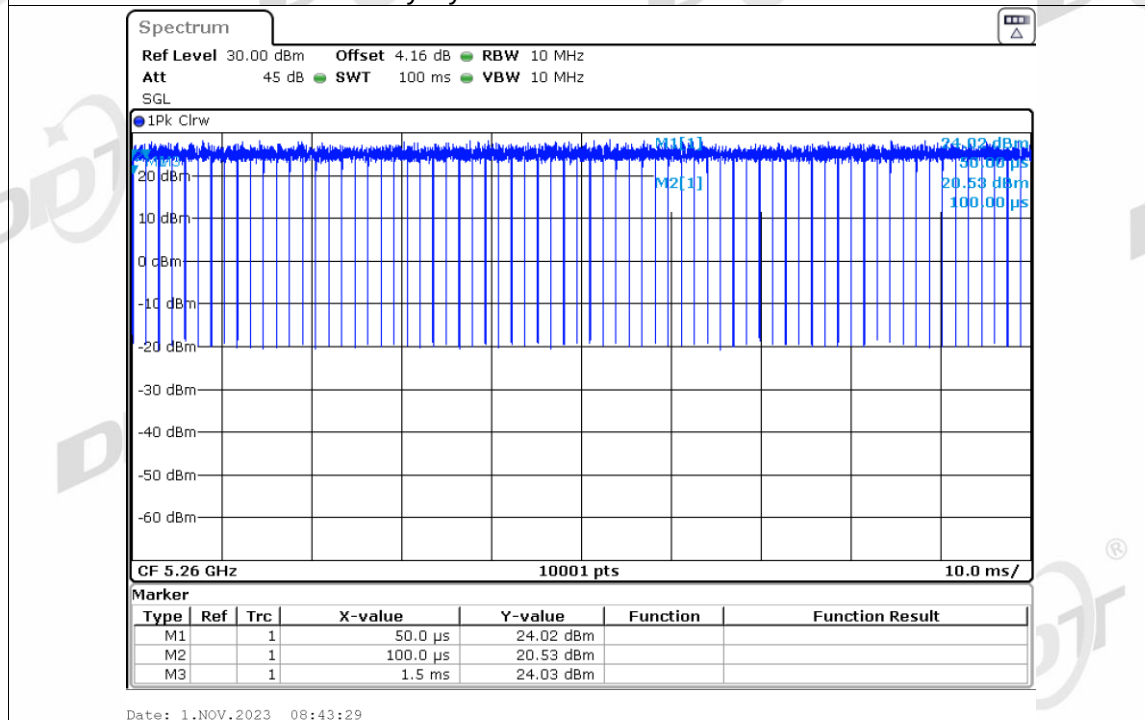
ax20	5580	Ant3	90.35	0.44	0.43
ax20	5700	Ant3	90.35	0.44	0.42
ax20	5745	Ant3	90.34	0.44	0.43
ax20	5785	Ant3	90.35	0.44	0.43
ax20	5825	Ant3	90.35	0.44	0.43
ax40	5190	Ant1	85.62	0.67	0.26
ax40	5230	Ant1	85.62	0.67	0.27
ax40	5270	Ant1	85.59	0.68	0.27
ax40	5310	Ant1	85.61	0.67	0.27
ax40	5510	Ant1	85.64	0.67	0.27
ax40	5550	Ant1	85.58	0.68	0.27
ax40	5670	Ant1	85.56	0.68	0.26
ax40	5755	Ant1	85.63	0.67	0.27
ax40	5795	Ant1	85.63	0.67	0.27
ax40	5190	Ant2	85.60	0.68	0.27
ax40	5230	Ant2	85.64	0.67	0.27
ax40	5270	Ant2	85.63	0.67	0.27
ax40	5310	Ant2	85.60	0.68	0.27
ax40	5510	Ant2	85.61	0.67	0.27
ax40	5550	Ant2	85.63	0.67	0.27
ax40	5670	Ant2	85.60	0.68	0.27
ax40	5755	Ant2	85.64	0.67	0.27
ax40	5795	Ant2	85.59	0.68	0.27
ax40	5190	Ant3	85.61	0.67	0.27
ax40	5230	Ant3	85.56	0.68	0.27
ax40	5270	Ant3	85.59	0.68	0.27
ax40	5310	Ant3	85.61	0.67	0.27
ax40	5510	Ant3	85.58	0.68	0.27
ax40	5550	Ant3	85.55	0.68	0.27
ax40	5670	Ant3	85.59	0.68	0.27
ax40	5755	Ant3	85.63	0.67	0.27
ax40	5795	Ant3	85.63	0.67	0.27
ax80	5210	Ant1	89.92	0.46	0.42
ax80	5290	Ant1	89.92	0.46	0.41
ax80	5530	Ant1	89.95	0.46	0.41
ax80	5610	Ant1	89.99	0.46	0.41
ax80	5775	Ant1	89.98	0.46	0.41
ax80	5210	Ant2	89.97	0.46	0.41
ax80	5290	Ant2	89.89	0.46	0.41
ax80	5530	Ant2	89.93	0.46	0.41
ax80	5610	Ant2	89.98	0.46	0.42
ax80	5775	Ant2	89.97	0.46	0.41
ax80	5210	Ant3	89.92	0.46	0.42
ax80	5290	Ant3	89.96	0.46	0.41
ax80	5530	Ant3	89.92	0.46	0.41
ax80	5610	Ant3	89.91	0.46	0.41
ax80	5775	Ant3	89.97	0.46	0.41

5.5. Test graphs

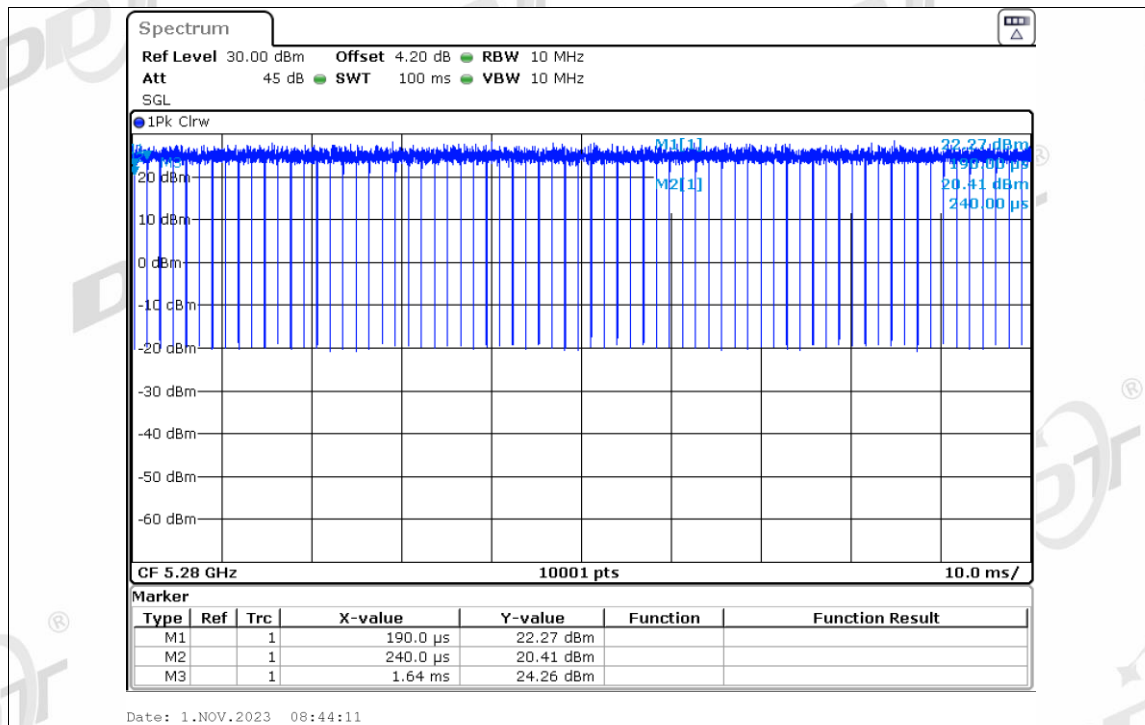




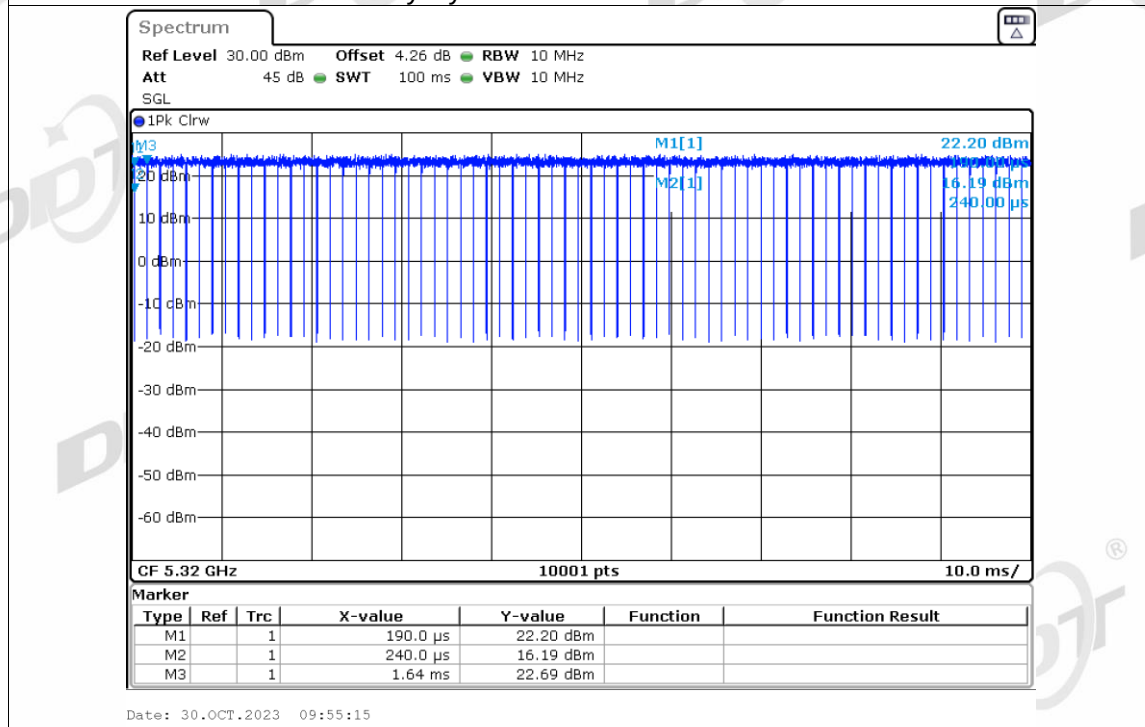
Duty Cycle NVNT a 5260MHz Ant1



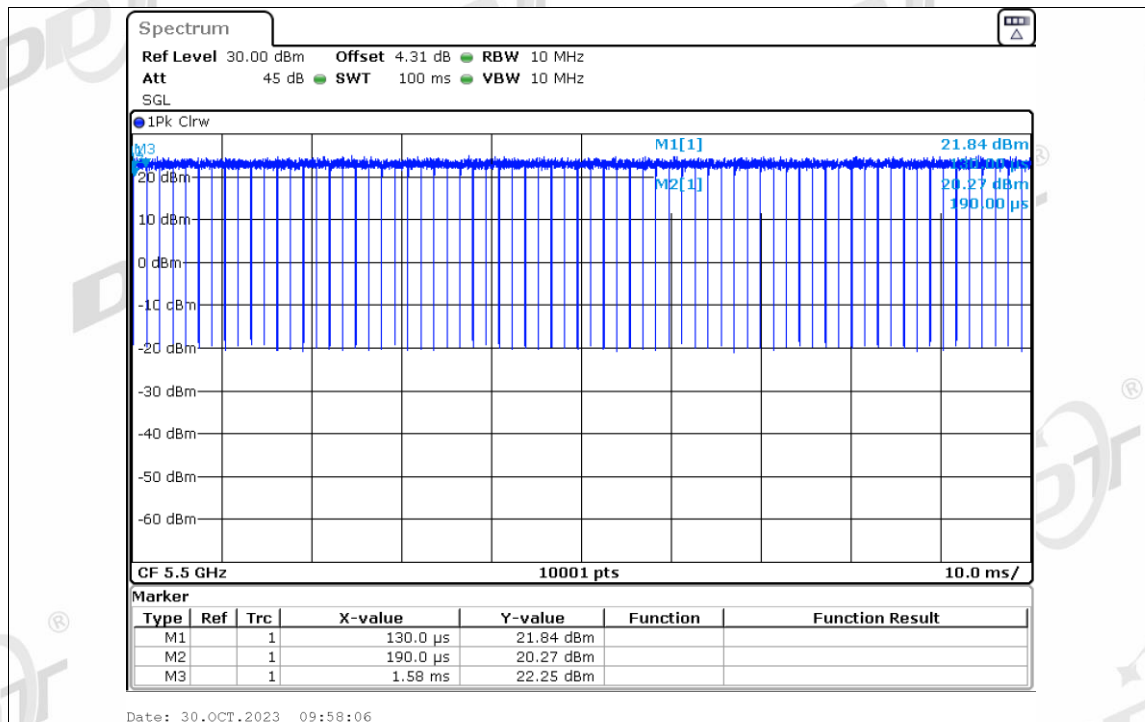
Duty Cycle NVNT a 5280MHz Ant1



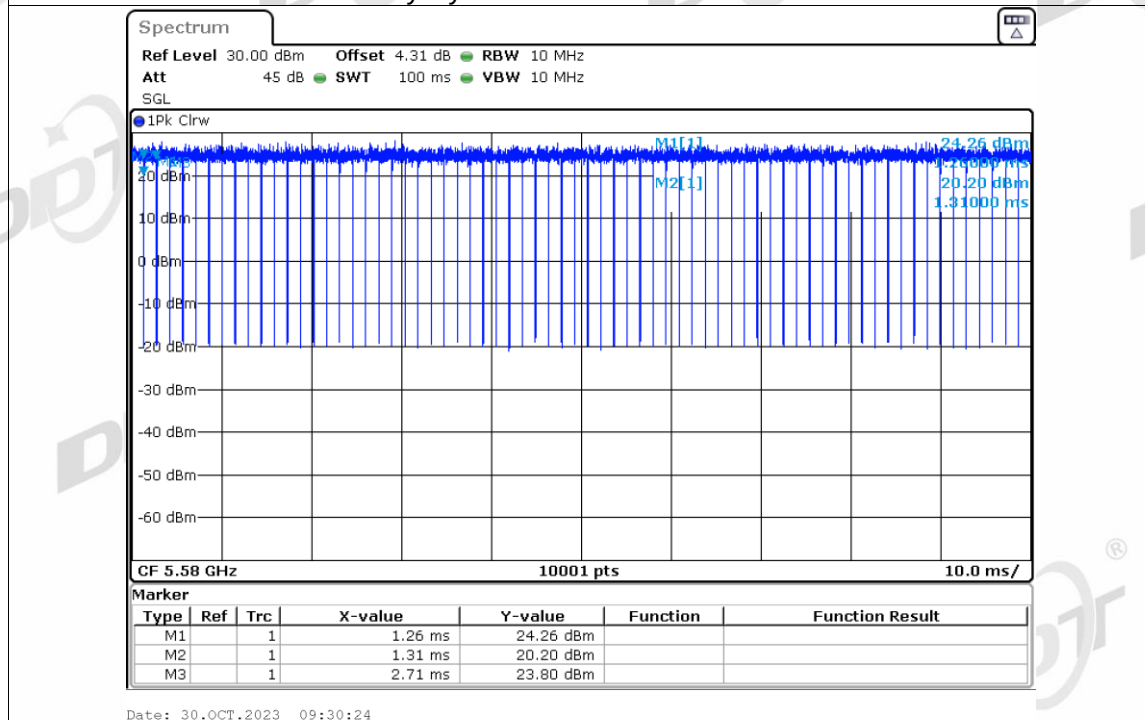
Duty Cycle NVNT a 5320MHz Ant1



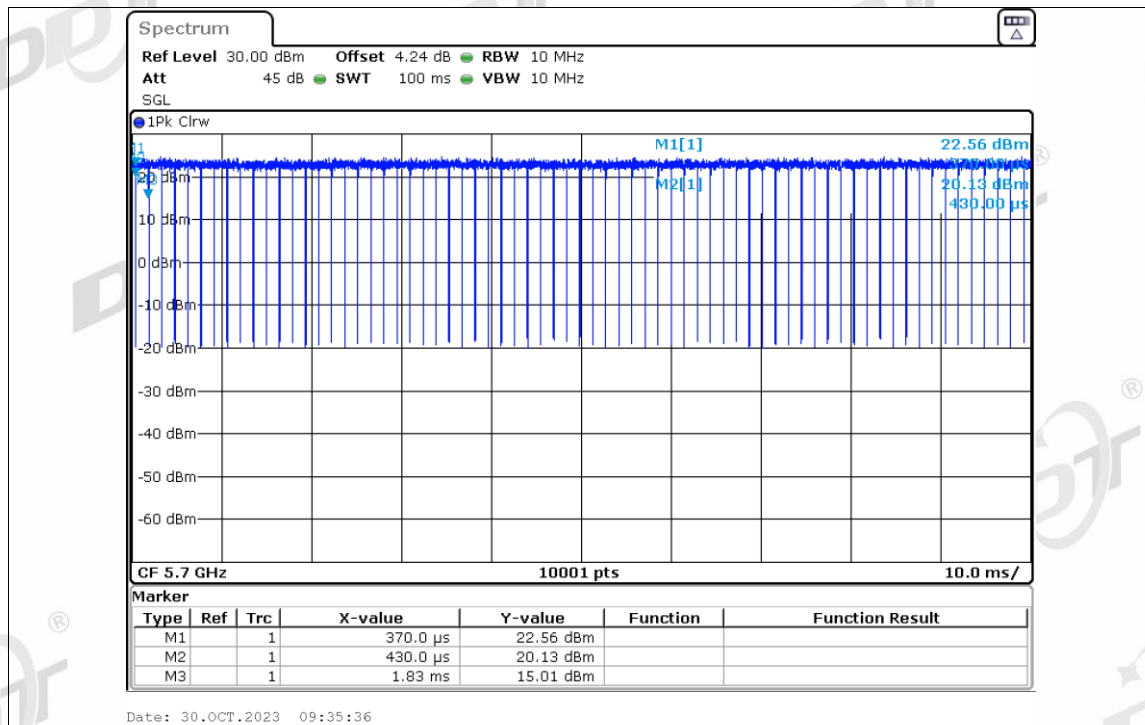
Duty Cycle NVNT a 5500MHz Ant1



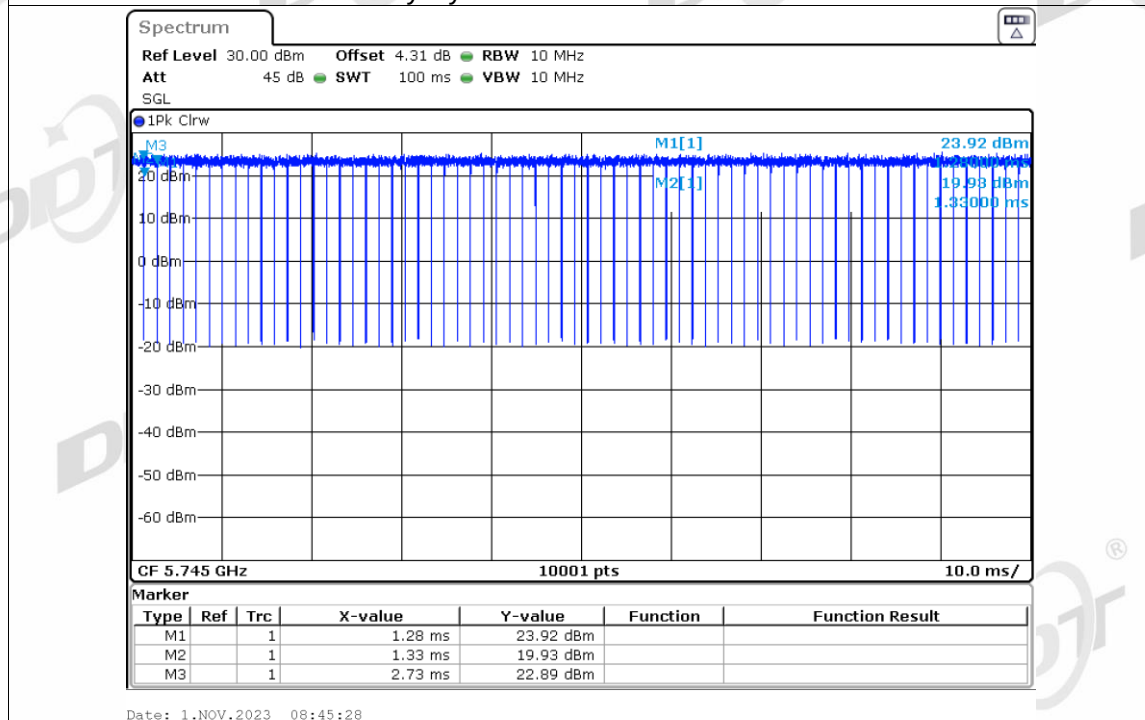
Duty Cycle NVNT a 5580MHz Ant1



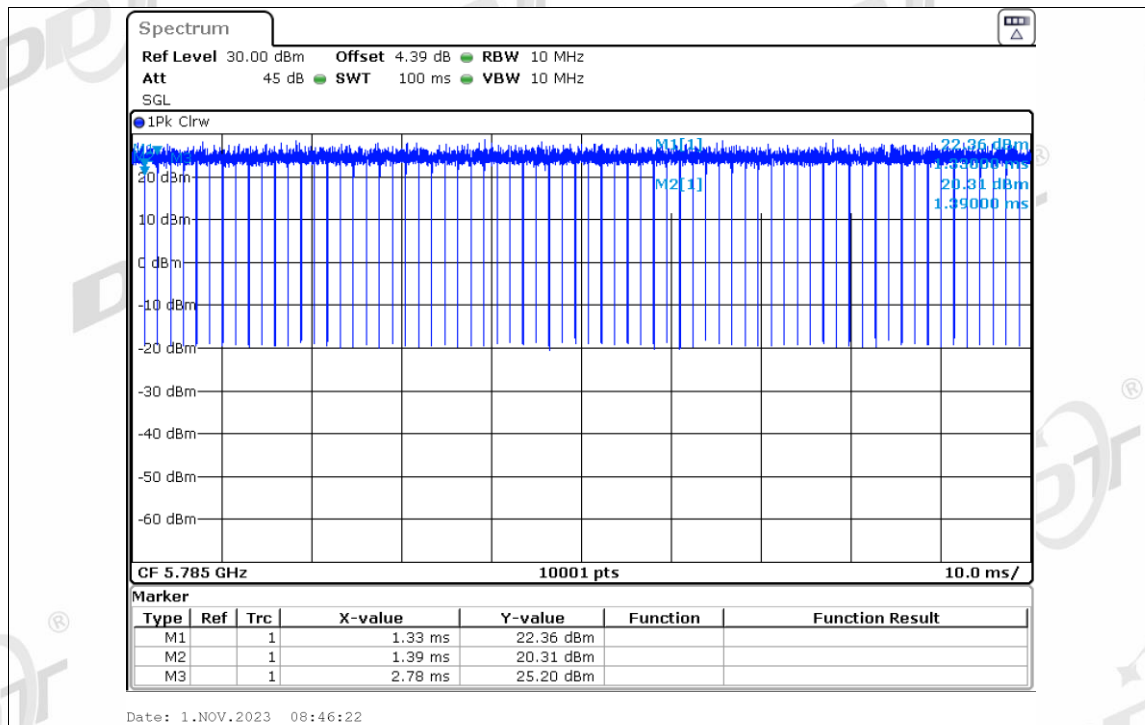
Duty Cycle NVNT a 5700MHz Ant1



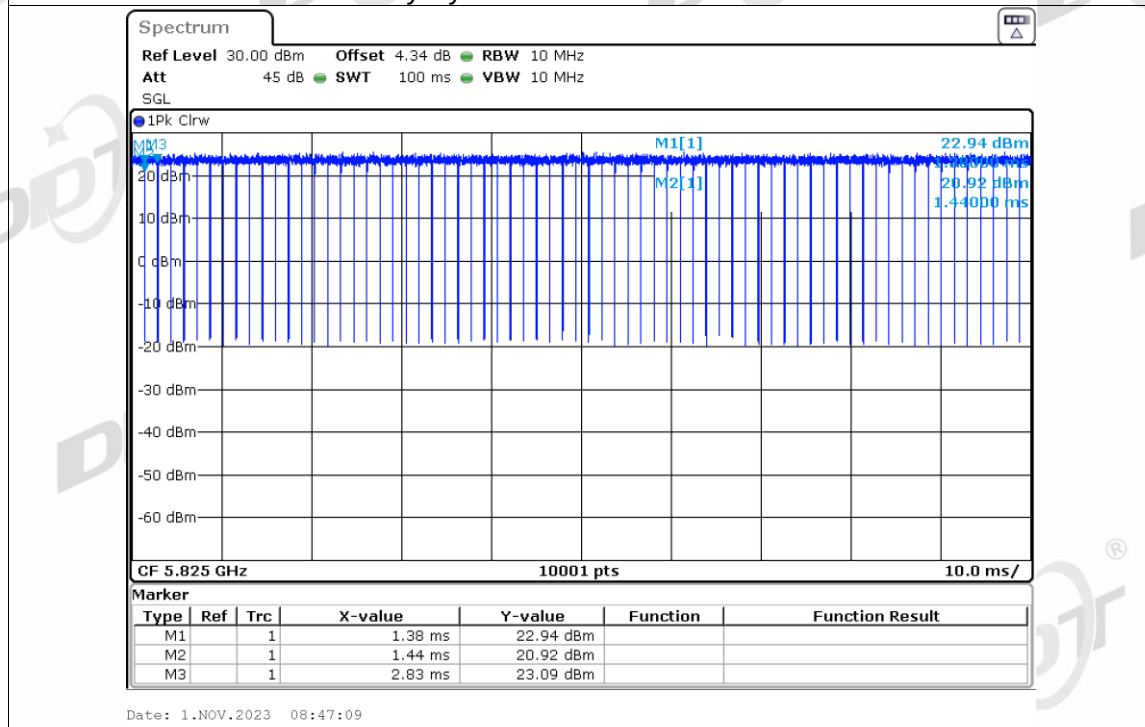
Duty Cycle NVNT a 5745MHz Ant1



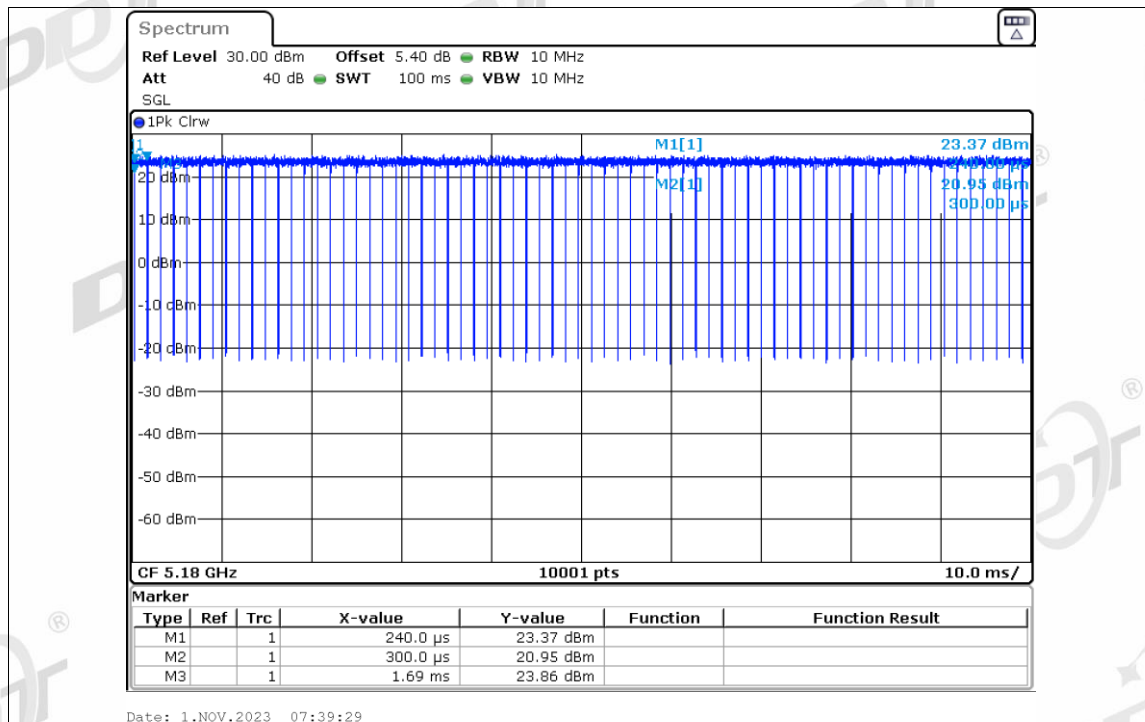
Duty Cycle NVNT a 5785MHz Ant1



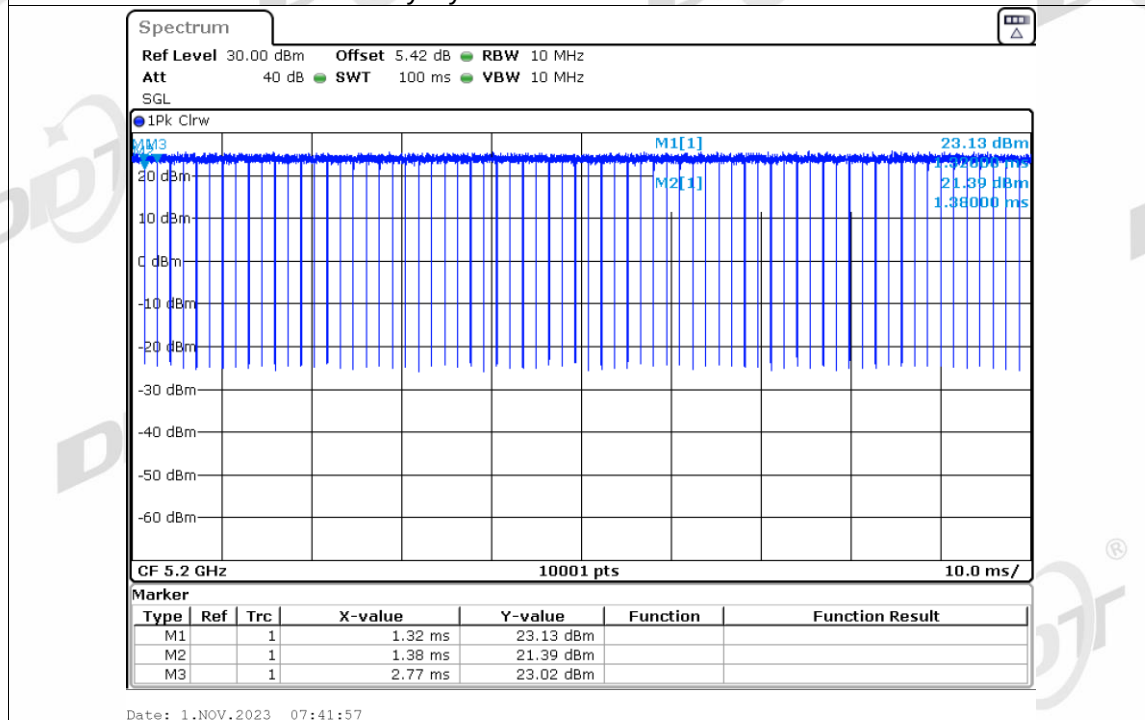
Duty Cycle NVNT a 5825MHz Ant1



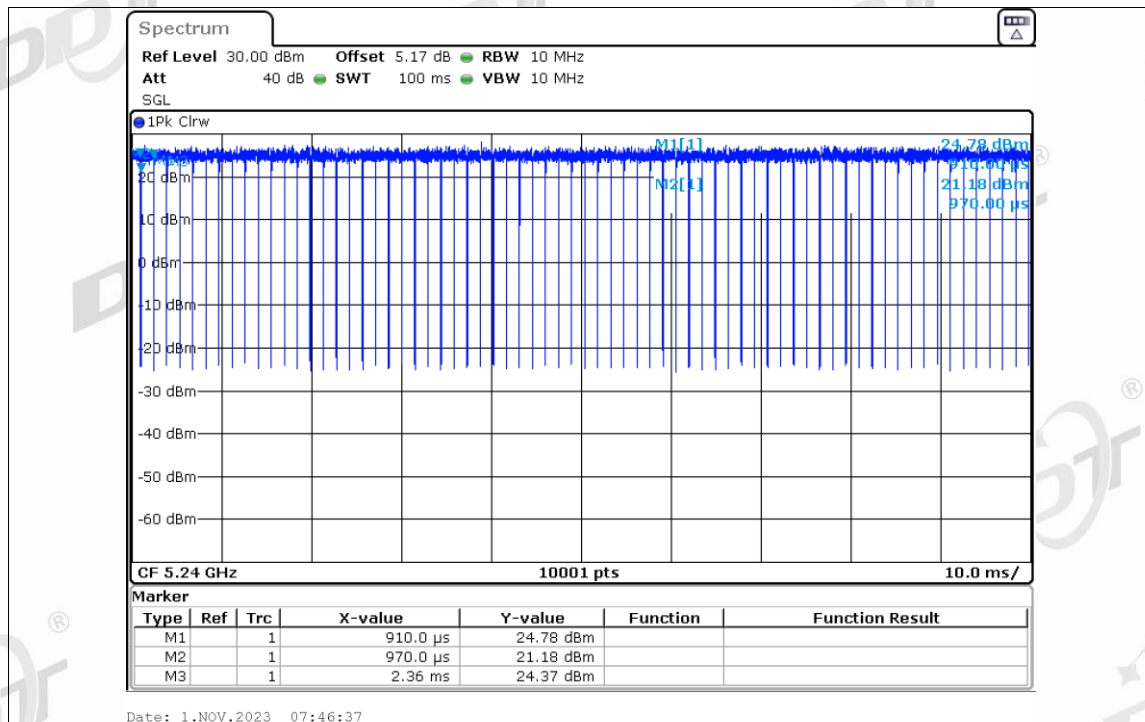
Duty Cycle NVNT a 5180MHz Ant2



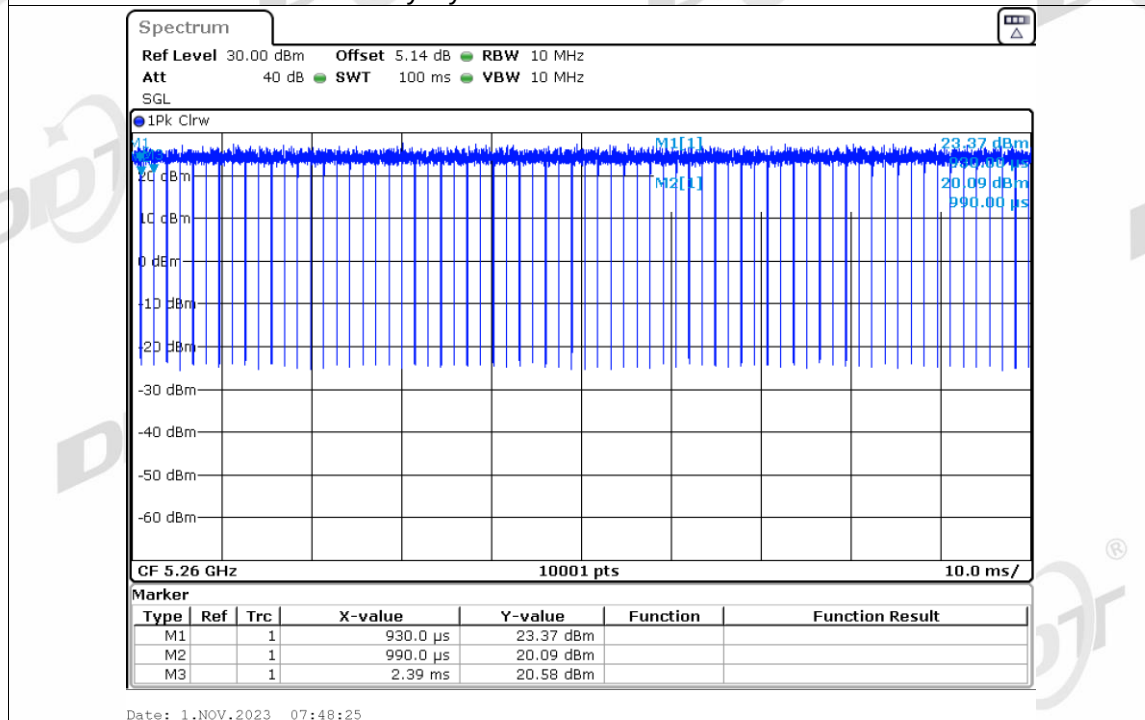
Duty Cycle NVNT a 5200MHz Ant2



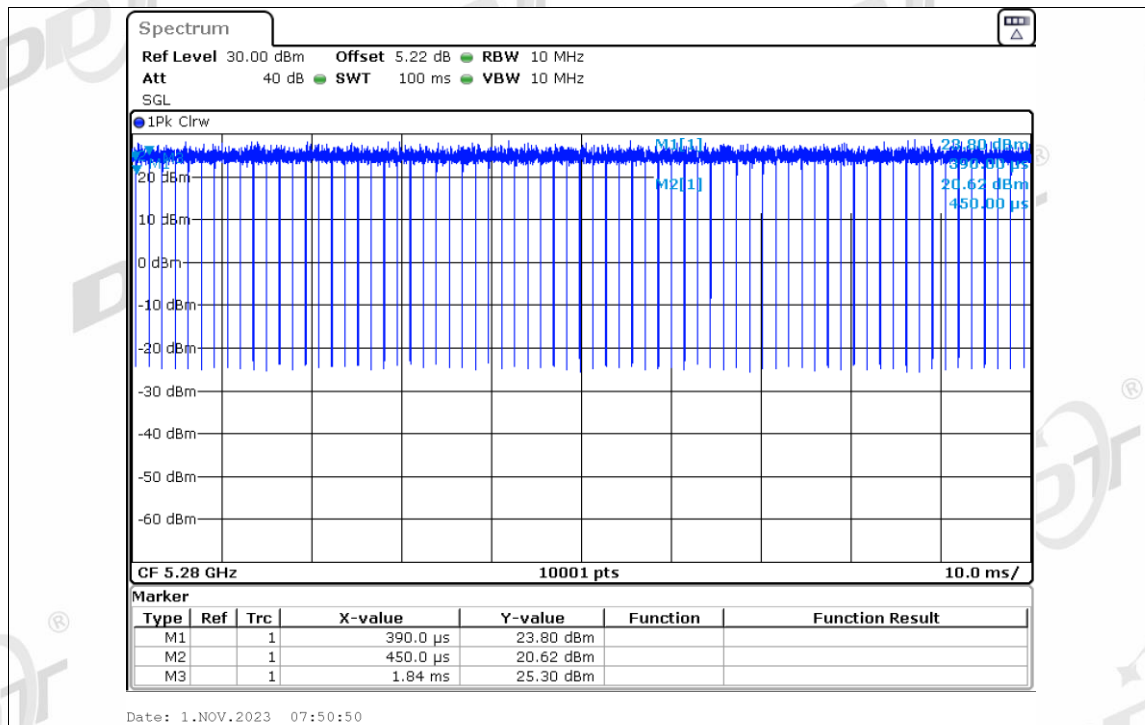
Duty Cycle NVNT a 5240MHz Ant2



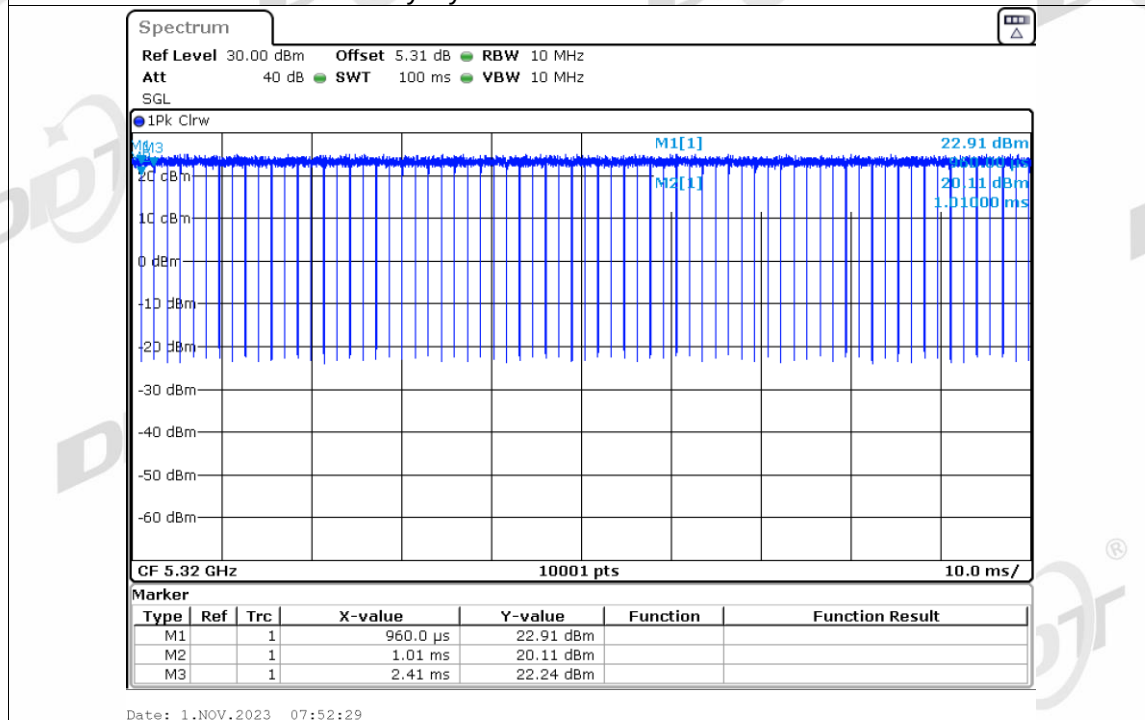
Duty Cycle NVNT a 5260MHz Ant2



Duty Cycle NVNT a 5280MHz Ant2



Duty Cycle NVNT a 5320MHz Ant2



Duty Cycle NVNT a 5500MHz Ant2