Appendix A2

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	Ant1	100	0	0
NVNT	a	5260	Ant2	100	0	0
NVNT	a	5300	Ant1	100	0	0
NVNT	a	5300	Ant2	100	0	0
NVNT	a	5320	Ant1	100	0	0
NVNT	a	5320	Ant2	100	0	0
NVNT	n20	5260	Ant1	100	0	0
NVNT	n20	5260	Ant2	100	0	0
NVNT	n20	5300	Ant1	100	0	0
NVNT	n20	5300	Ant2	100	0	0
NVNT	n20	5320	Ant1	100	0	0
NVNT	n20	5320	Ant2	100	0	0
NVNT	n40	5270	Ant1	100	0	0
NVNT	n40	5270	Ant2	100	0	0
NVNT	n40	5310	Ant1	100	0	0
NVNT	n40	5310	Ant2	100	0	0
NVNT	ac20	5260	Ant1	100	0	0
NVNT	ac20	5260	Ant2	100	0	0
NVNT	ac20	5300	Ant1	100	0	0
NVNT	ac20	5300	Ant2	100	0	0
NVNT	ac20	5320	Ant1	100	0	0
NVNT	ac20	5320	Ant2	100	0	0
NVNT	ac40	5270	Ant1	100	0	0
NVNT	ac40	5270	Ant2	100	0	0
NVNT	ac40	5310	Ant1	100	0	0
NVNT	ac40	5310	Ant2	100	0	0
NVNT	ac80	5290	Ant1	100	0	0
NVNT	ac80	5290	Ant2	100	0	0

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	8.71	0	8.71	22.02	Pass
NVNT	a	5260	Ant2	8.21	0	8.21	22.02	Pass
NVNT	a	5300	Ant1	7.42	0	7.42	22.02	Pass
NVNT	a	5300	Ant2	8.82	0	8.82	22.02	Pass
NVNT	a	5320	Ant1	8.65	0	8.65	22.02	Pass
NVNT	a	5320	Ant2	7.91	0	7.91	22.02	Pass
NVNT	n20	5260	Ant1	8.5	0	8.5	22.02	Pass
NVNT	n20	5260	Ant2	8.35	0	8.35	22.02	Pass
NVNT	n20	5260	Sum	11.44	-	11.44	22.02	Pass
NVNT	n20	5300	Ant1	7.94	0	7.94	22.02	Pass
NVNT	n20	5300	Ant2	8	0	8	22.02	Pass
NVNT	n20	5300	Sum	10.98	-	10.98	22.02	Pass
NVNT	n20	5320	Ant1	8.18	0	8.18	22.02	Pass
NVNT	n20	5320	Ant2	8.08	0	8.08	22.02	Pass
NVNT	n20	5320	Sum	11.14	-	11.14	22.02	Pass
NVNT	n40	5270	Ant1	8.01	0	8.01	22.02	Pass
NVNT	n40	5270	Ant2	8.23	0	8.23	22.02	Pass
NVNT	n40	5270	Sum	11.13	-	11.13	22.02	Pass
NVNT	n40	5310	Ant1	7.85	0	7.85	22.02	Pass
NVNT	n40	5310	Ant2	6.99	0	6.99	22.02	Pass
NVNT	n40	5310	Sum	10.45	-	10.45	22.02	Pass
NVNT	ac20	5260	Ant1	8.24	0	8.24	22.02	Pass
NVNT	ac20	5260	Ant2	8.34	0	8.34	22.02	Pass
NVNT	ac20	5260	Sum	11.3	-	11.3	22.02	Pass
NVNT	ac20	5300	Ant1	7.96	0	7.96	22.02	Pass
NVNT	ac20	5300	Ant2	7.98	0	7.98	22.02	Pass
NVNT	ac20	5300	Sum	10.98	-	10.98	22.02	Pass
NVNT	ac20	5320	Ant1	8.2	0	8.2	22.02	Pass
NVNT	ac20	5320	Ant2	8.03	0	8.03	22.02	Pass
NVNT	ac20	5320	Sum	11.13	-	11.13	22.02	Pass
NVNT	ac40	5270	Ant1	8.12	0	8.12	22.02	Pass
NVNT	ac40	5270	Ant2	8.3	0	8.3	22.02	Pass
NVNT	ac40	5270	Sum	11.22	-	11.22	22.02	Pass
NVNT	ac40	5310	Ant1	6.85	0	6.85	22.02	Pass
NVNT	ac40	5310	Ant2	7.91	0	7.91	22.02	Pass
NVNT	ac40	5310	Sum	10.42	-	10.42	22.02	Pass
NVNT	ac80	5290	Ant1	8.56	0	8.56	22.02	Pass
NVNT	ac80	5290	Ant2	7.83	0	7.83	22.02	Pass

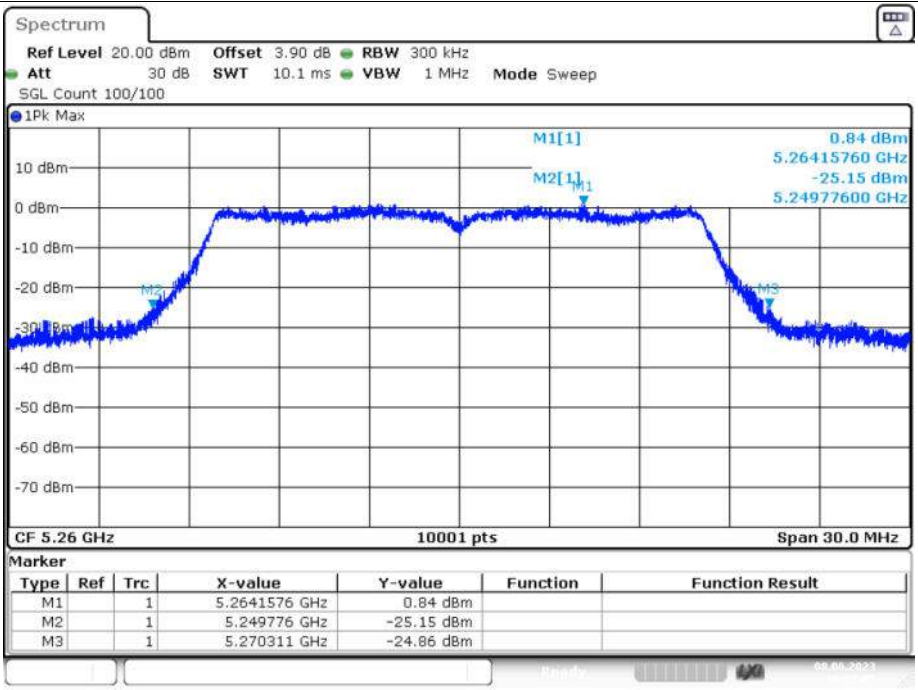
NVNT	ac80	5290	Sum	11.22	-	11.22	22.02	Pass

-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	20.535	0.5	Pass
NVNT	a	5260	Ant2	20.232	0.5	Pass
NVNT	a	5300	Ant1	20.352	0.5	Pass
NVNT	a	5300	Ant2	20.202	0.5	Pass
NVNT	a	5320	Ant1	20.466	0.5	Pass
NVNT	a	5320	Ant2	20.238	0.5	Pass
NVNT	n20	5260	Ant1	20.718	0.5	Pass
NVNT	n20	5260	Ant2	20.589	0.5	Pass
NVNT	n20	5300	Ant1	20.709	0.5	Pass
NVNT	n20	5300	Ant2	20.754	0.5	Pass
NVNT	n20	5320	Ant1	20.778	0.5	Pass
NVNT	n20	5320	Ant2	20.853	0.5	Pass
NVNT	n40	5270	Ant1	40.404	0.5	Pass
NVNT	n40	5270	Ant2	40.344	0.5	Pass
NVNT	n40	5310	Ant1	40.932	0.5	Pass
NVNT	n40	5310	Ant2	40.458	0.5	Pass
NVNT	ac20	5260	Ant1	20.538	0.5	Pass
NVNT	ac20	5260	Ant2	20.565	0.5	Pass
NVNT	ac20	5300	Ant1	20.478	0.5	Pass
NVNT	ac20	5300	Ant2	20.868	0.5	Pass
NVNT	ac20	5320	Ant1	20.685	0.5	Pass
NVNT	ac20	5320	Ant2	20.478	0.5	Pass
NVNT	ac40	5270	Ant1	40.458	0.5	Pass
NVNT	ac40	5270	Ant2	40.608	0.5	Pass
NVNT	ac40	5310	Ant1	40.956	0.5	Pass
NVNT	ac40	5310	Ant2	40.506	0.5	Pass
NVNT	ac80	5290	Ant1	80.652	0.5	Pass
NVNT	ac80	5290	Ant2	80.904	0.5	Pass

Test Graphs

-26dB Bandwidth NVNT a 5260MHz Ant1



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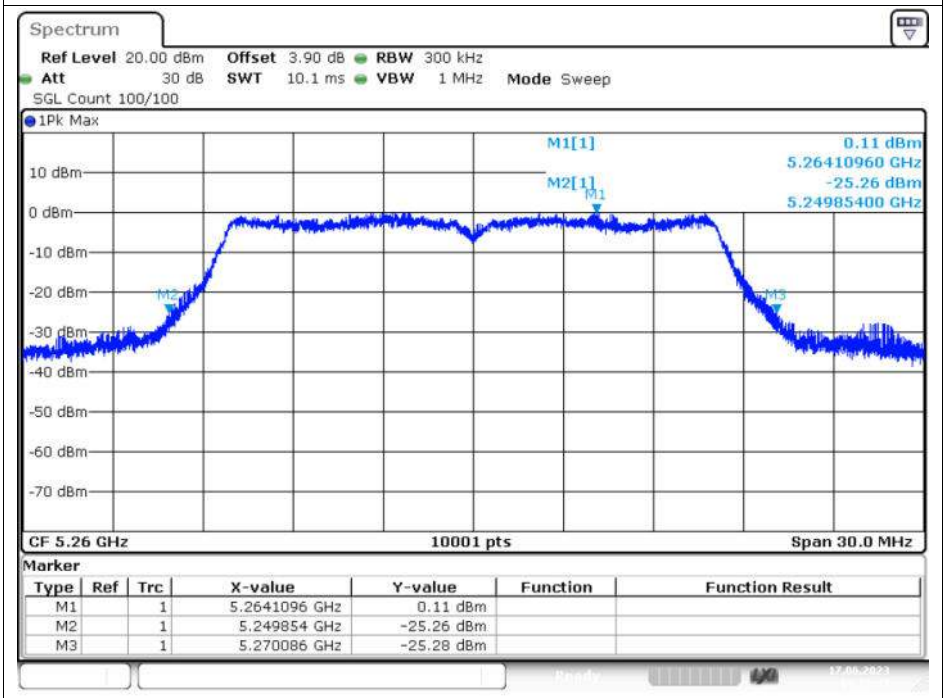
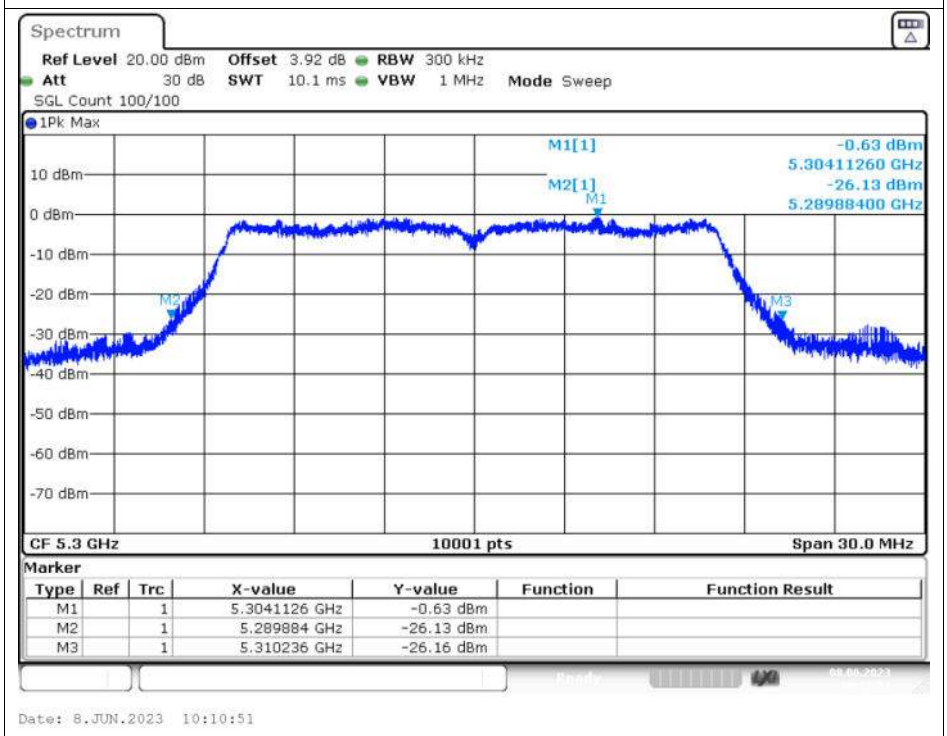
-26dB Bandwidth NVNT a 5260MHz Ant2

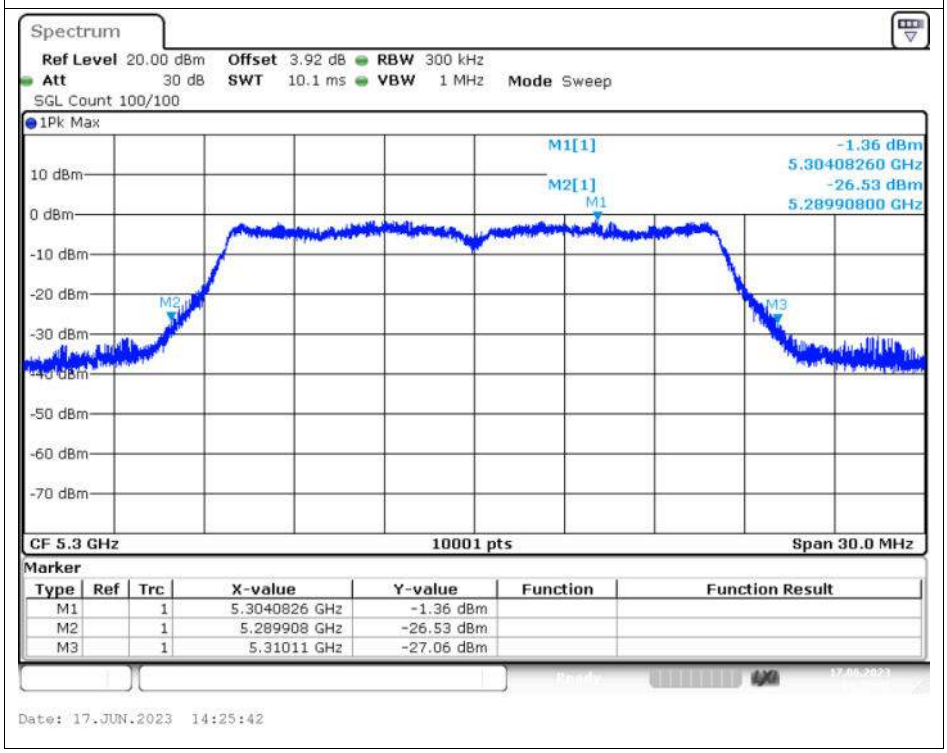


Date: 17.JUN.2023 14:22:33

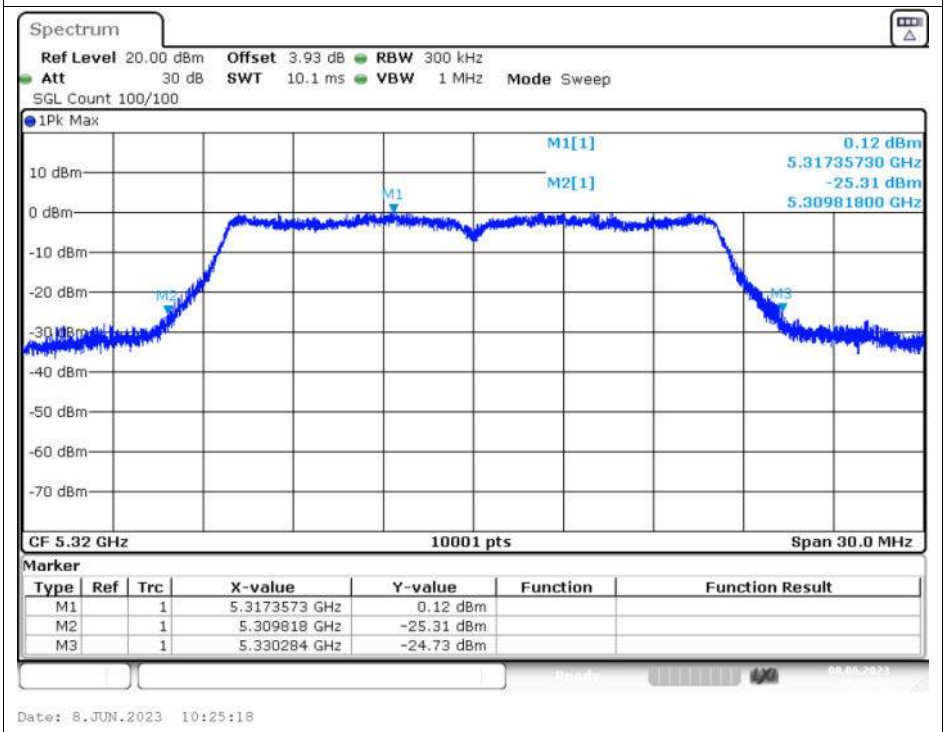
-26dB Bandwidth NVNT a 5300MHz Ant1



-26dB Bandwidth NVNT a 5300MHz Ant2



-26dB Bandwidth NVNT a 5320MHz Ant1



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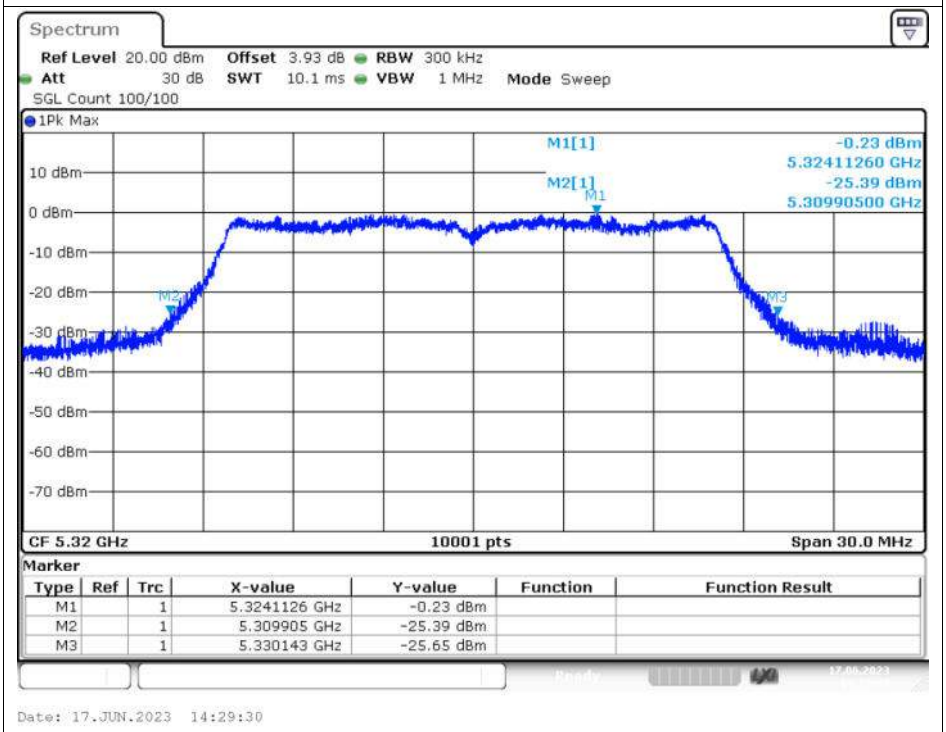
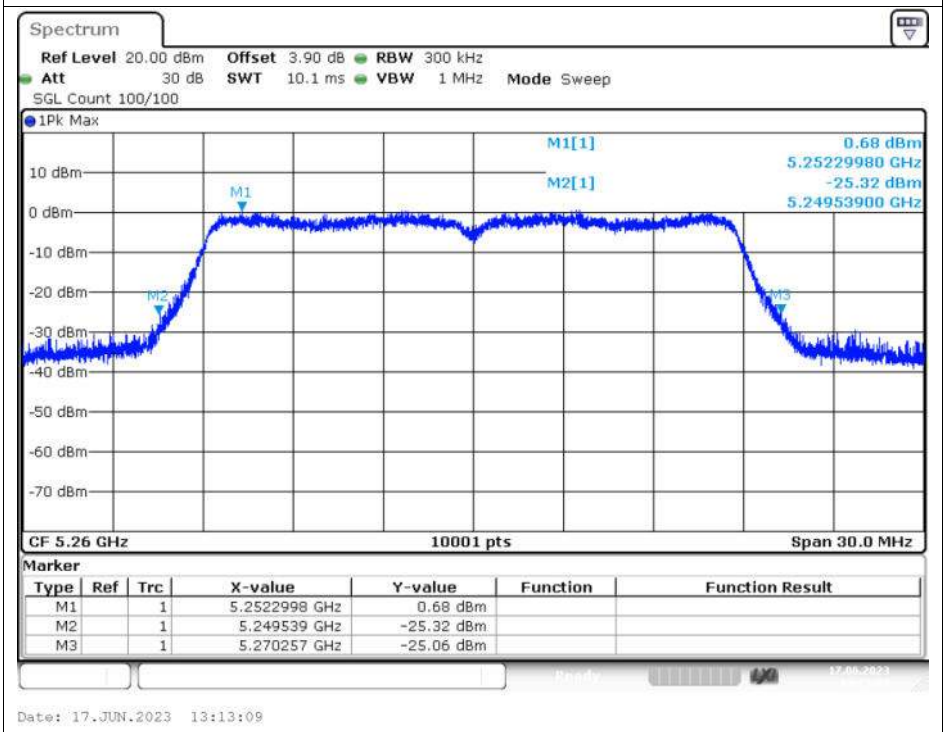
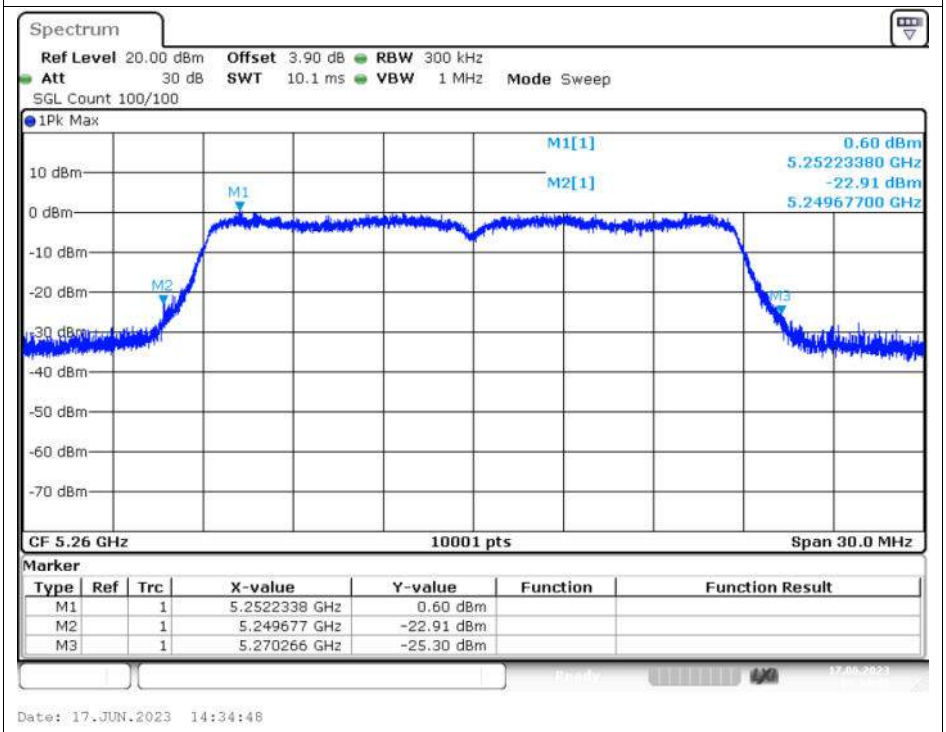


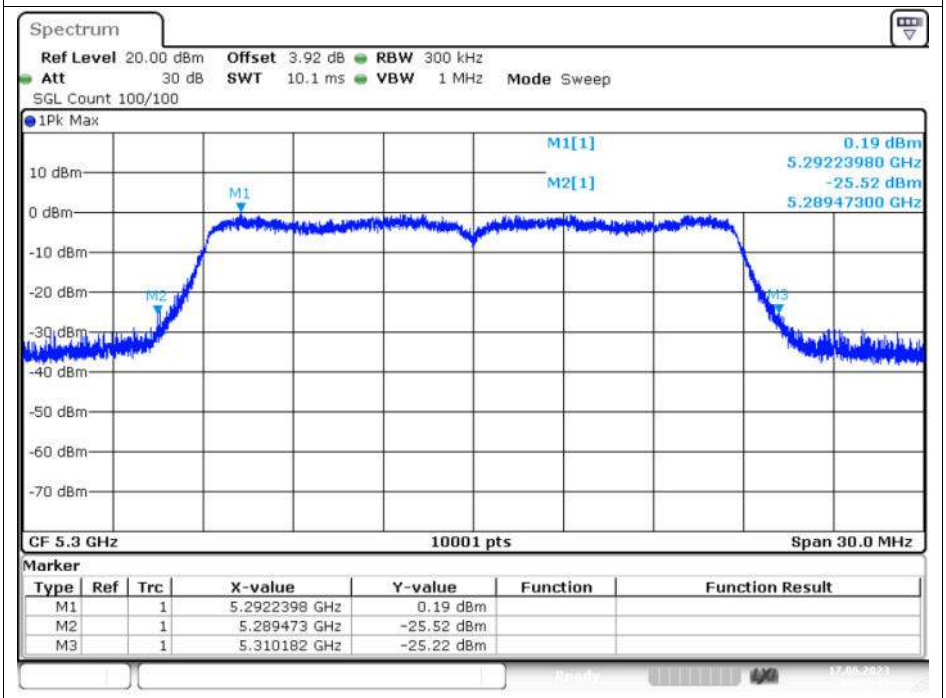
-26dB Bandwidth NVNT n20 5260MHz Ant1



-26dB Bandwidth NVNT n20 5260MHz Ant2



-26dB Bandwidth NVNT n20 5300MHz Ant1



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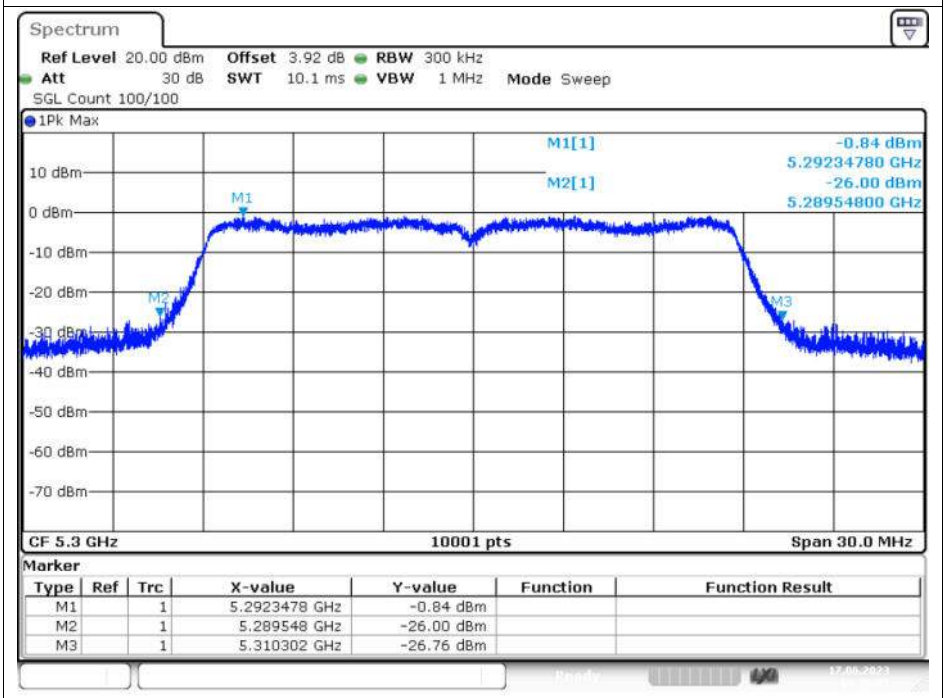
-26dB Bandwidth NVNT n20 5300MHz Ant2



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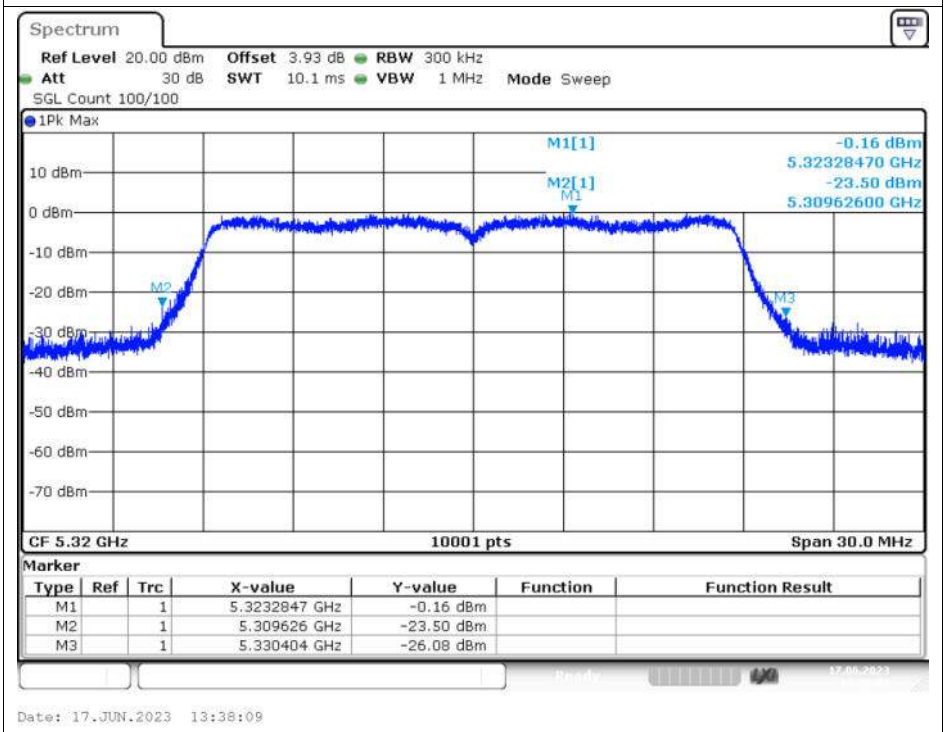
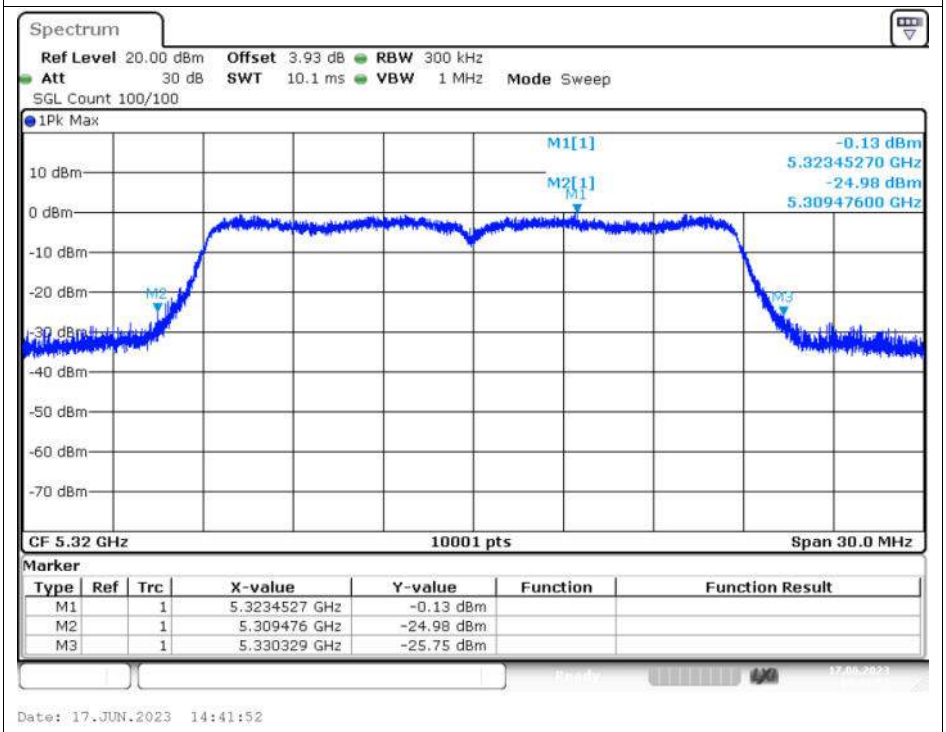
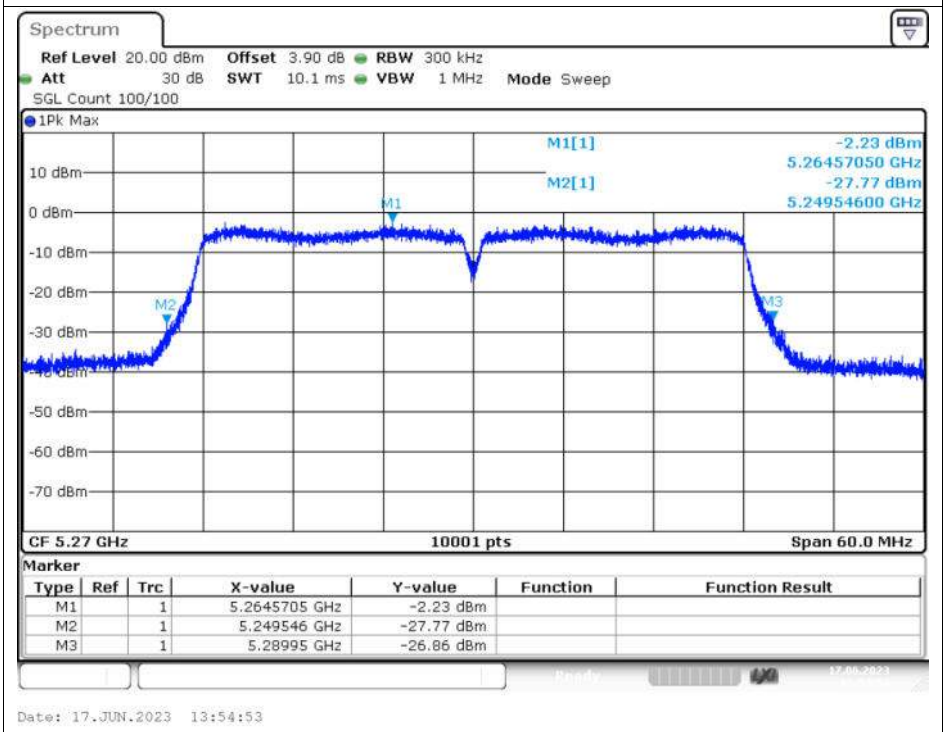
-26dB Bandwidth NVNT n20 5320MHz Ant1



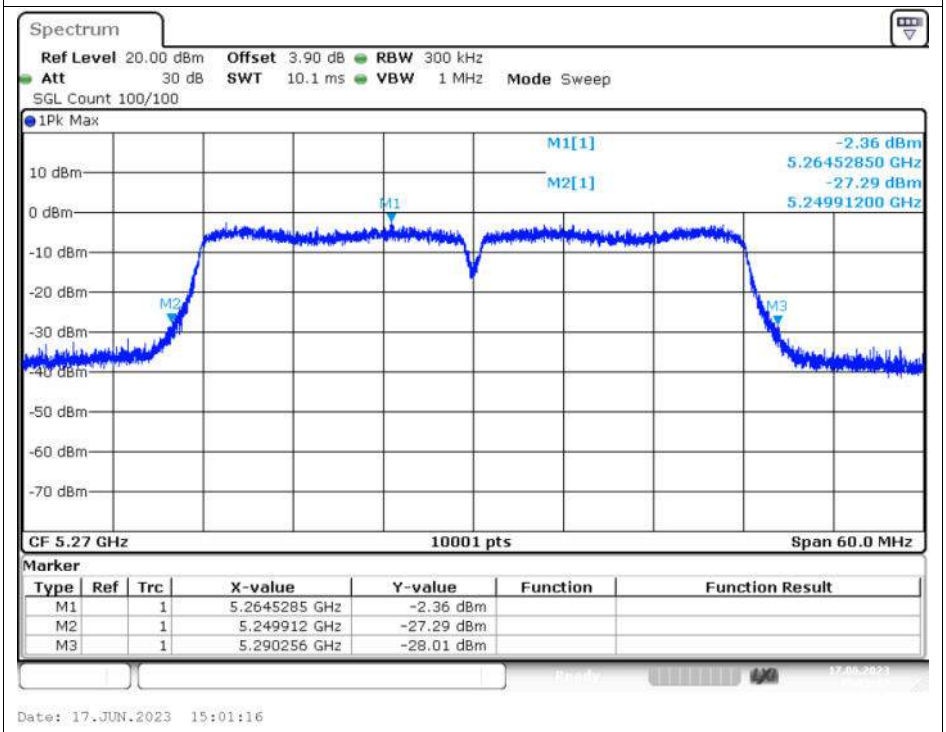
-26dB Bandwidth NVNT n20 5320MHz Ant2



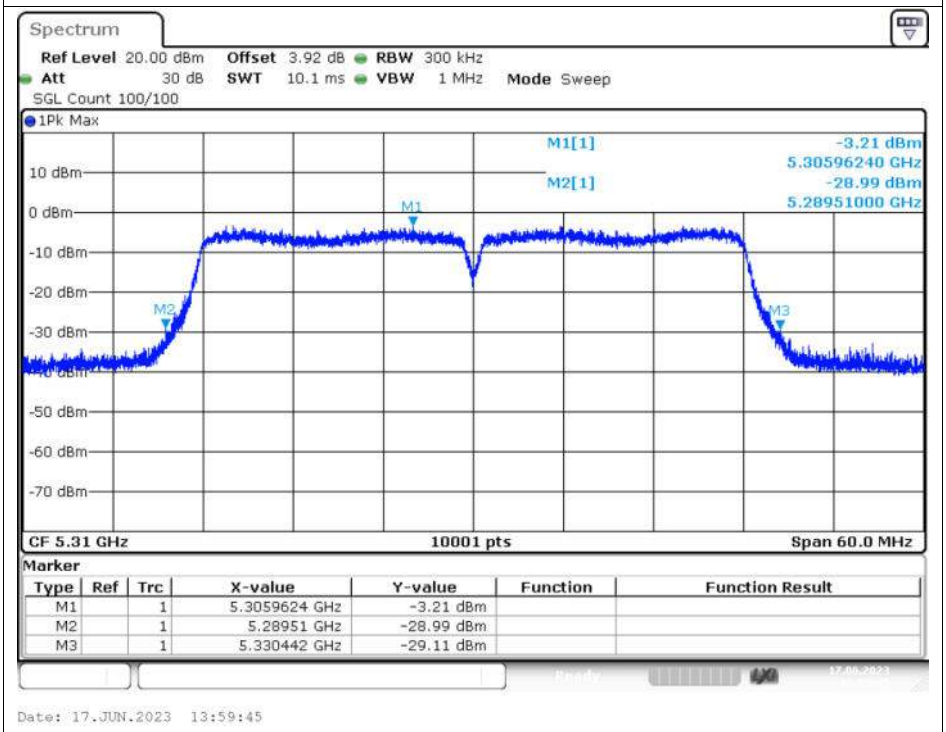
-26dB Bandwidth NVNT n40 5270MHz Ant1



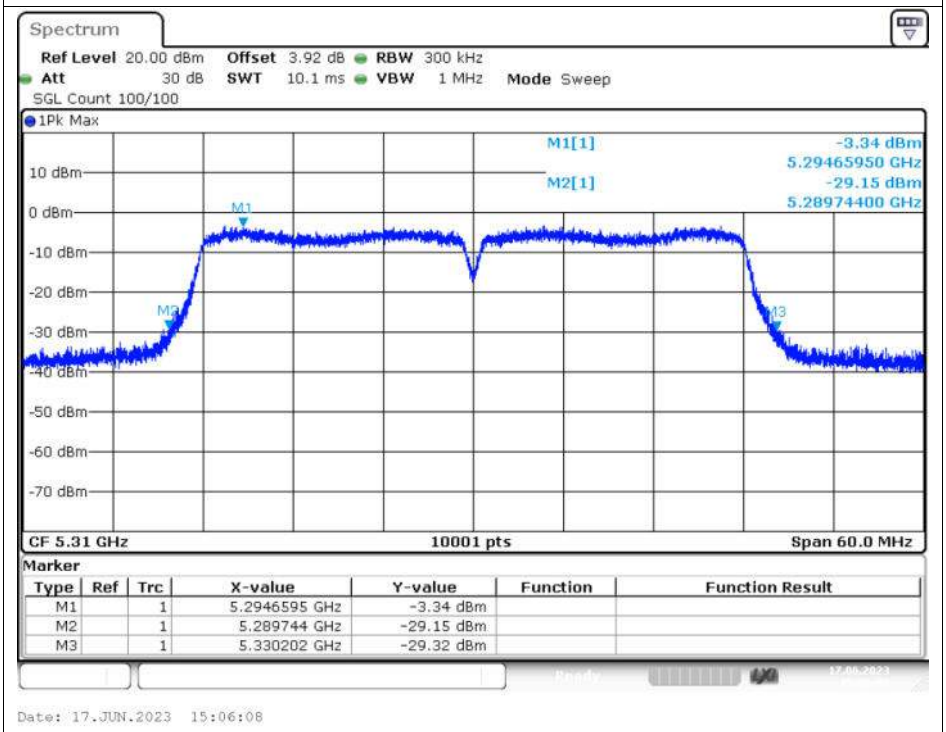
-26dB Bandwidth NVNT n40 5270MHz Ant2



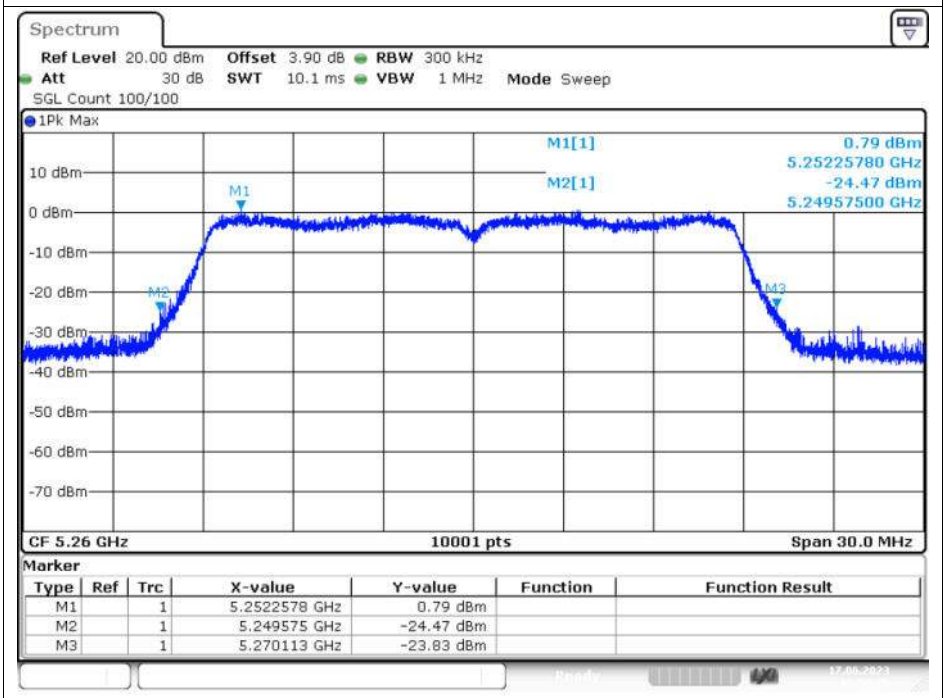
-26dB Bandwidth NVNT n40 5310MHz Ant1



-26dB Bandwidth NVNT n40 5310MHz Ant2



-26dB Bandwidth NVNT ac20 5260MHz Ant1



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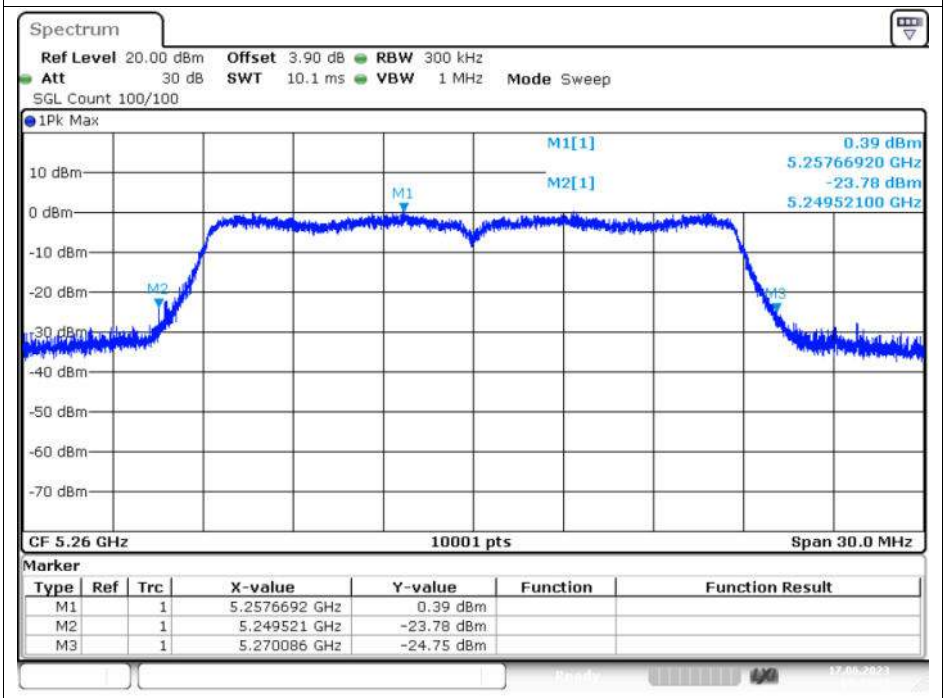
-26dB Bandwidth NVNT ac20 5260MHz Ant2



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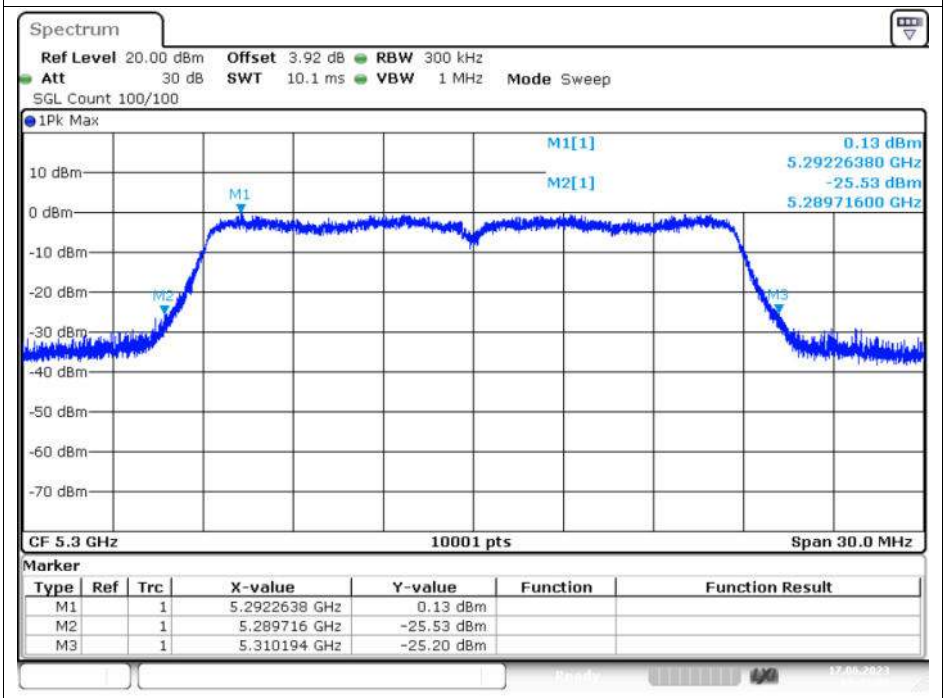
-26dB Bandwidth NVNT ac20 5300MHz Ant1



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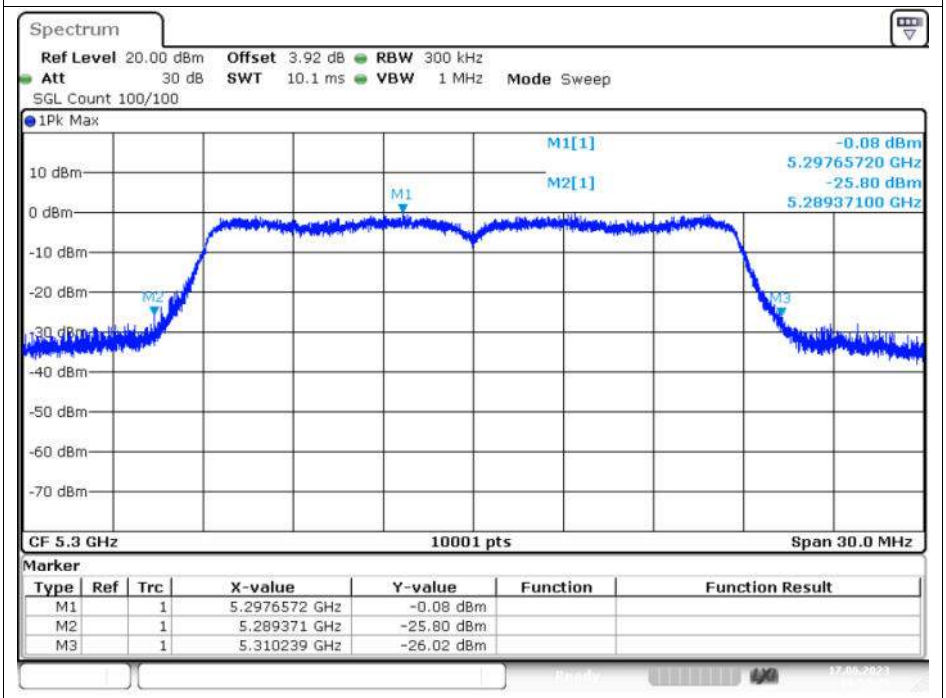
-26dB Bandwidth NVNT ac20 5300MHz Ant2



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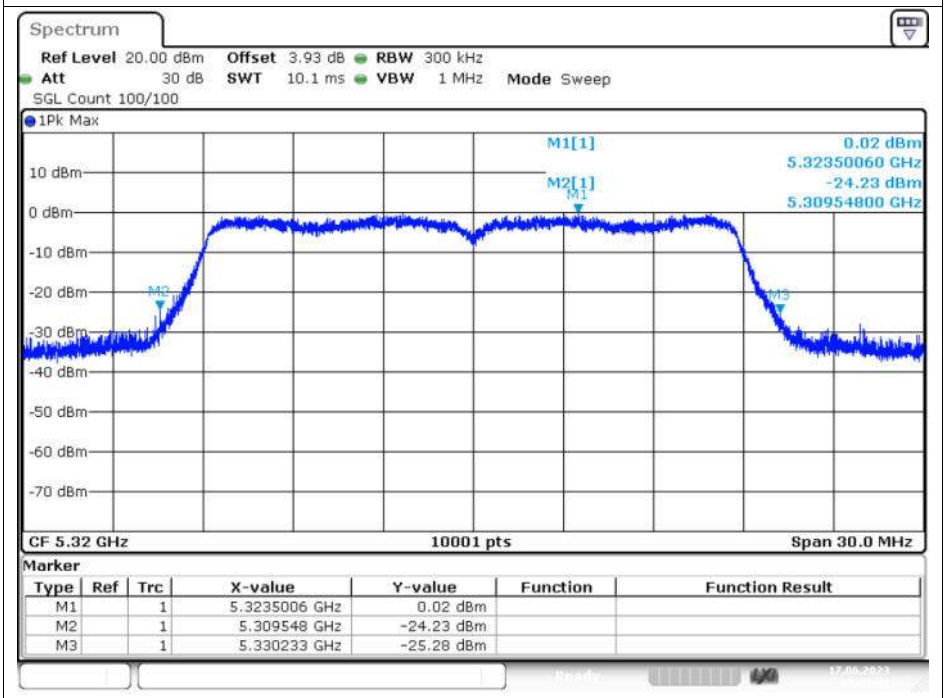
-26dB Bandwidth NVNT ac20 5320MHz Ant1



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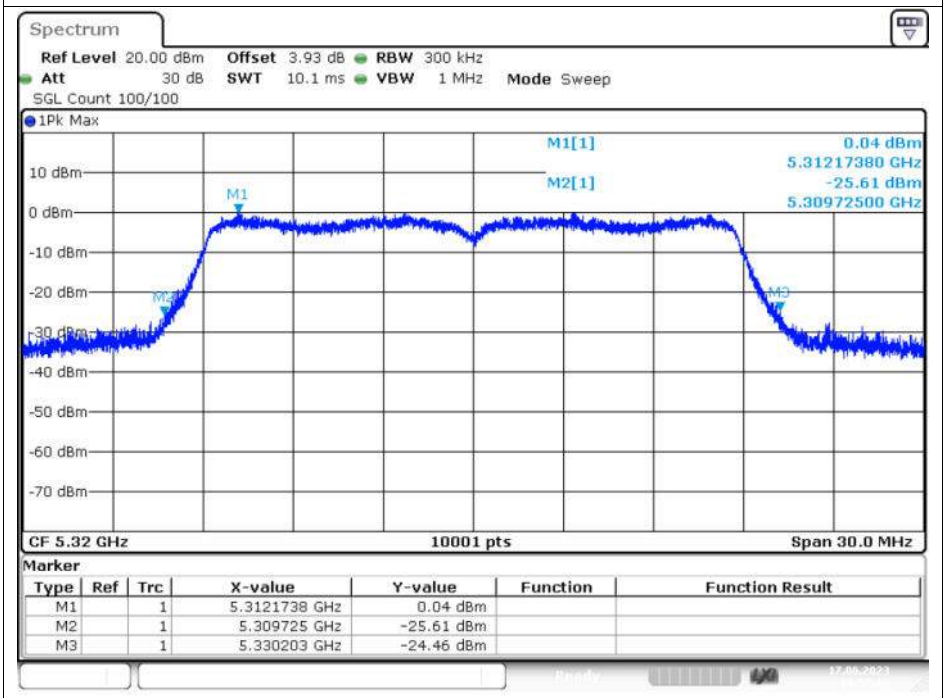
-26dB Bandwidth NVNT ac20 5320MHz Ant2



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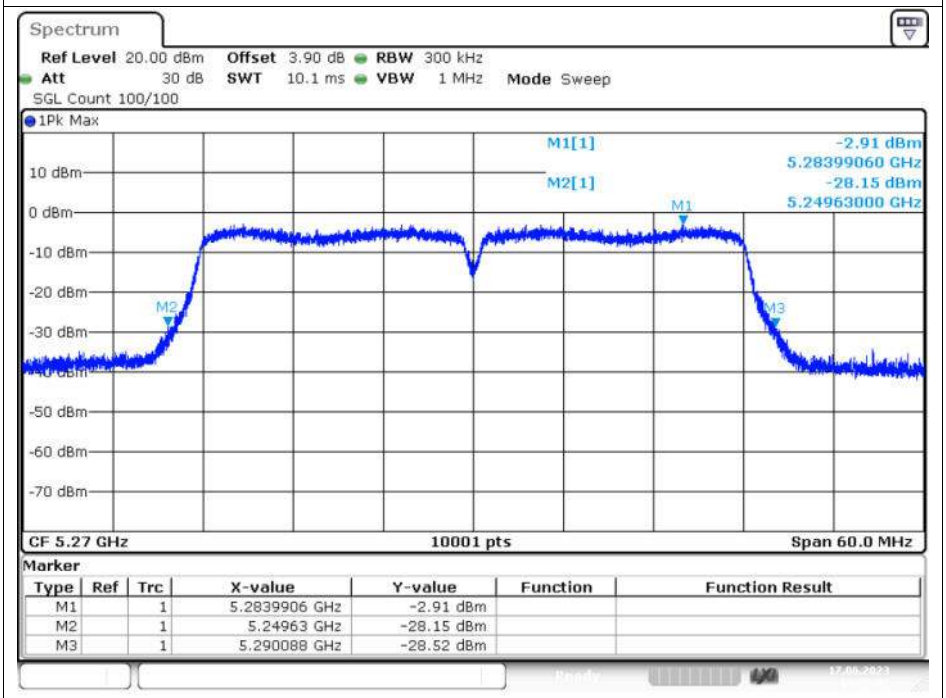
-26dB Bandwidth NVNT ac40 5270MHz Ant1



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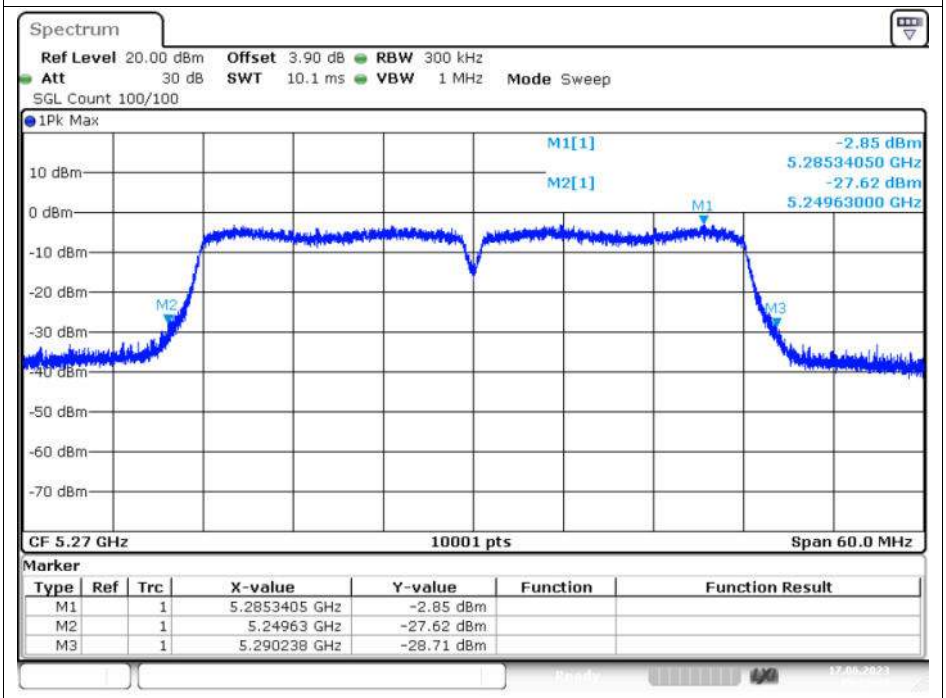
-26dB Bandwidth NVNT ac40 5270MHz Ant2



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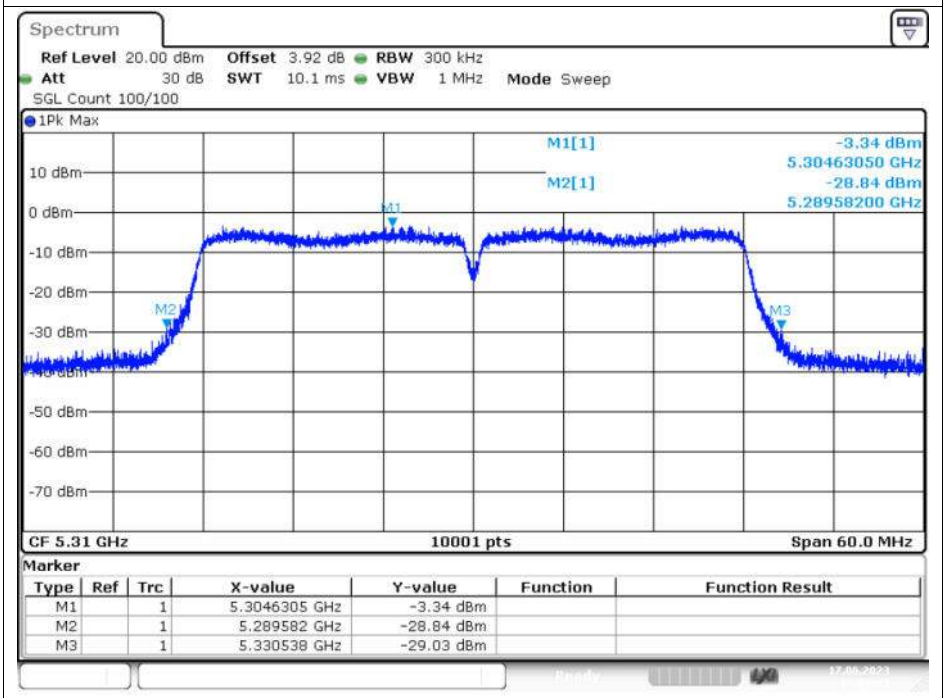
-26dB Bandwidth NVNT ac40 5310MHz Ant1



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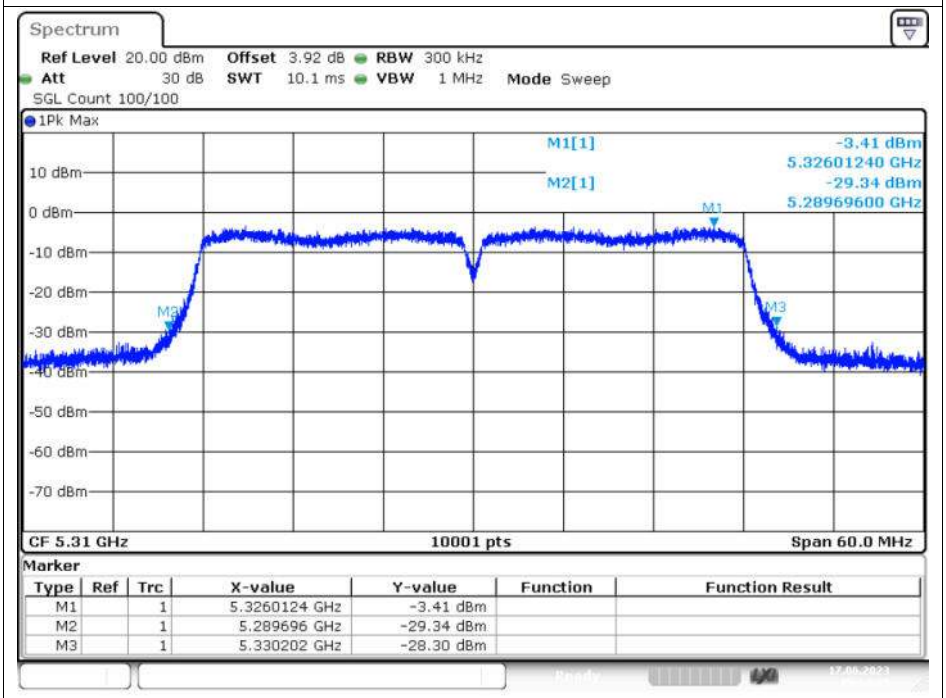
-26dB Bandwidth NVNT ac40 5310MHz Ant2



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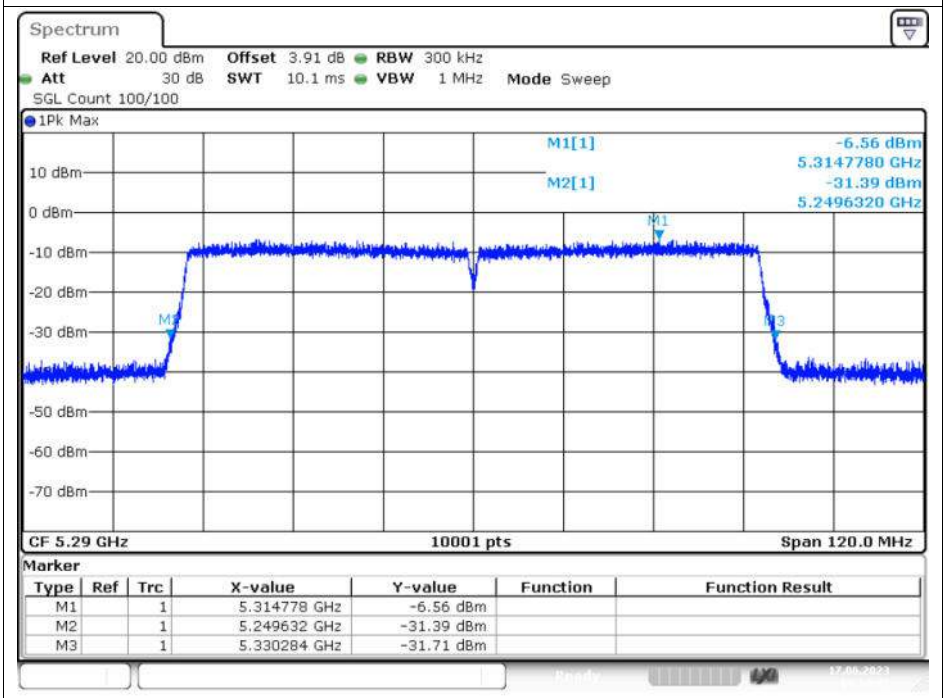
-26dB Bandwidth NVNT ac80 5290MHz Ant1



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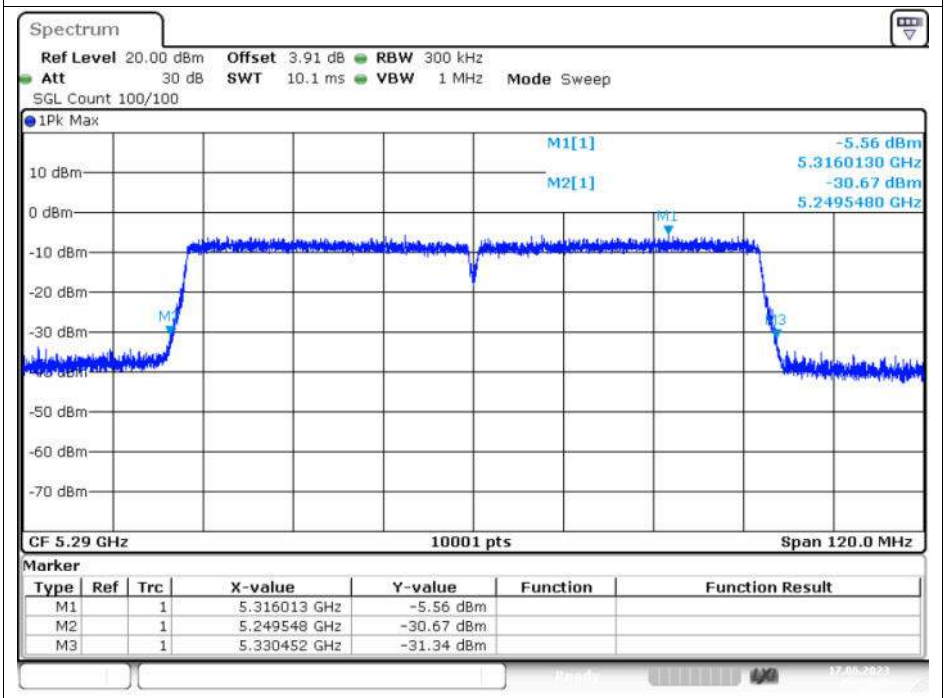
-26dB Bandwidth NVNT ac80 5290MHz Ant2



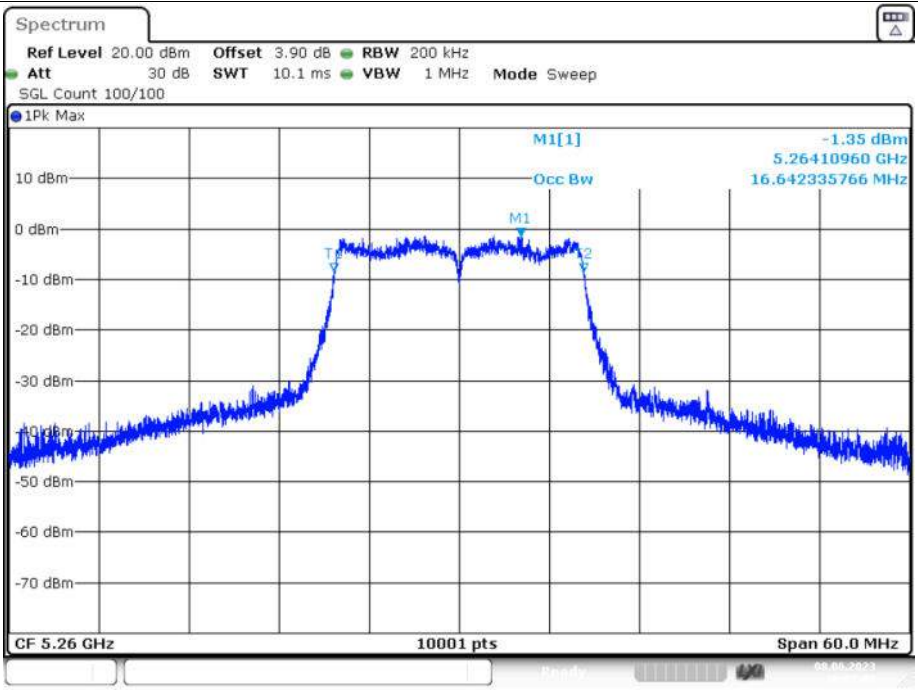
Date: 17.JUN.2023 15:19:19

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5260	Ant1	16.642
NVNT	a	5260	Ant2	16.63
NVNT	a	5300	Ant1	16.636
NVNT	a	5300	Ant2	16.618
NVNT	a	5320	Ant1	16.618
NVNT	a	5320	Ant2	16.654
NVNT	n20	5260	Ant1	17.656
NVNT	n20	5260	Ant2	17.686
NVNT	n20	5300	Ant1	17.68
NVNT	n20	5300	Ant2	17.686
NVNT	n20	5320	Ant1	17.68
NVNT	n20	5320	Ant2	17.692
NVNT	n40	5270	Ant1	36.284
NVNT	n40	5270	Ant2	36.308
NVNT	n40	5310	Ant1	36.296
NVNT	n40	5310	Ant2	36.344
NVNT	ac20	5260	Ant1	17.656
NVNT	ac20	5260	Ant2	17.68
NVNT	ac20	5300	Ant1	17.674
NVNT	ac20	5300	Ant2	17.692
NVNT	ac20	5320	Ant1	17.674
NVNT	ac20	5320	Ant2	17.686
NVNT	ac40	5270	Ant1	36.284
NVNT	ac40	5270	Ant2	36.32
NVNT	ac40	5310	Ant1	36.308
NVNT	ac40	5310	Ant2	36.32
NVNT	ac80	5290	Ant1	75.952
NVNT	ac80	5290	Ant2	76.024

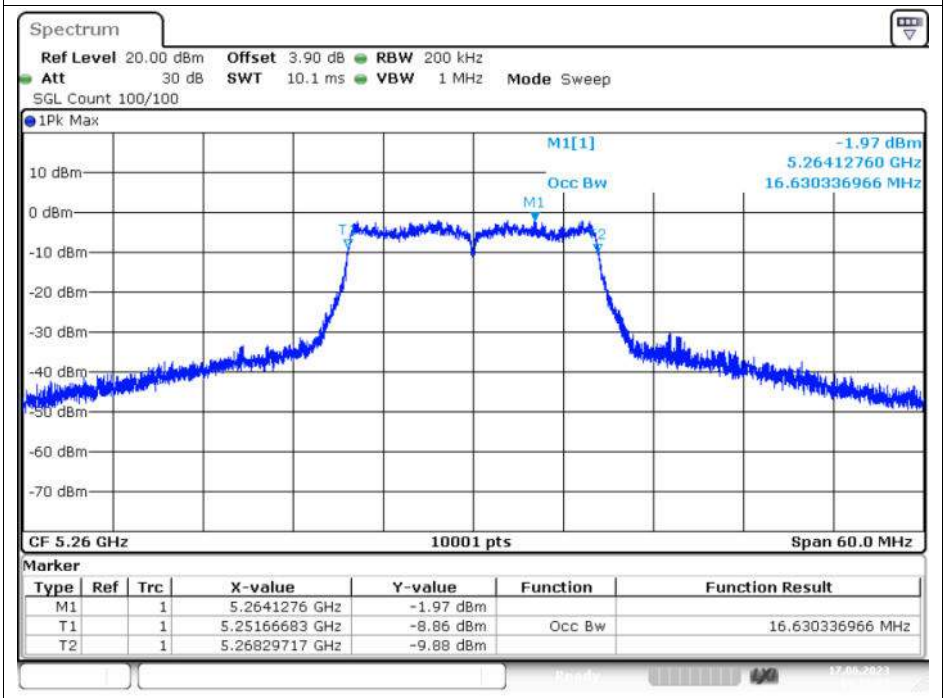
Test Graphs

OBW NVNT a 5260MHz Ant1



Date: 8.JUN.2023 10:07:00

OBW NVNT a 5260MHz Ant2

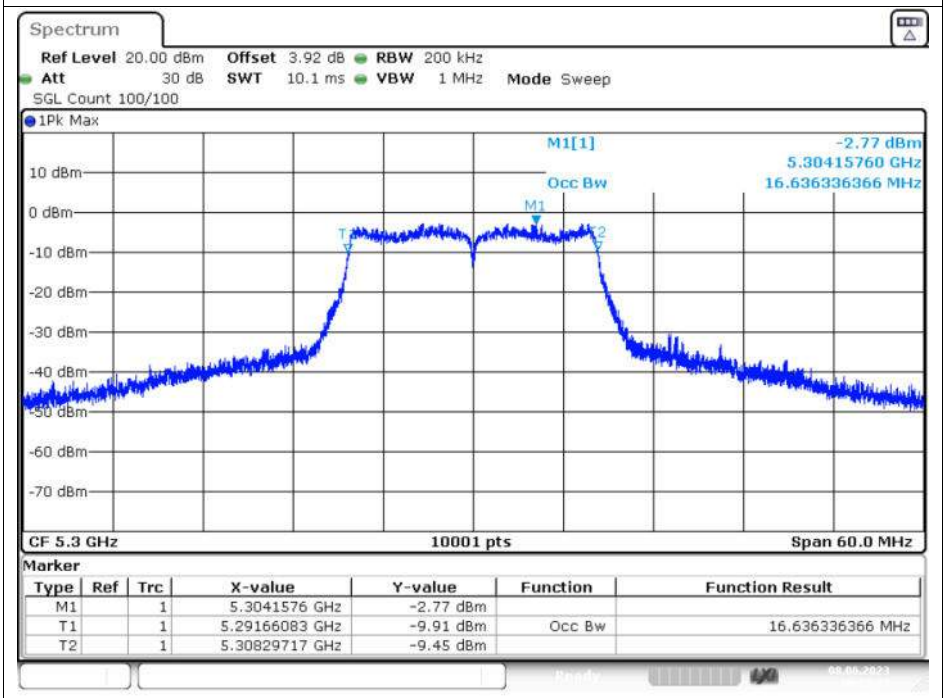


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2641276 GHz	-1.97 dBm		
T1		1	5.25166683 GHz	-8.86 dBm	Occ Bw	16.630336966 MHz
T2		1	5.26829717 GHz	-9.88 dBm		

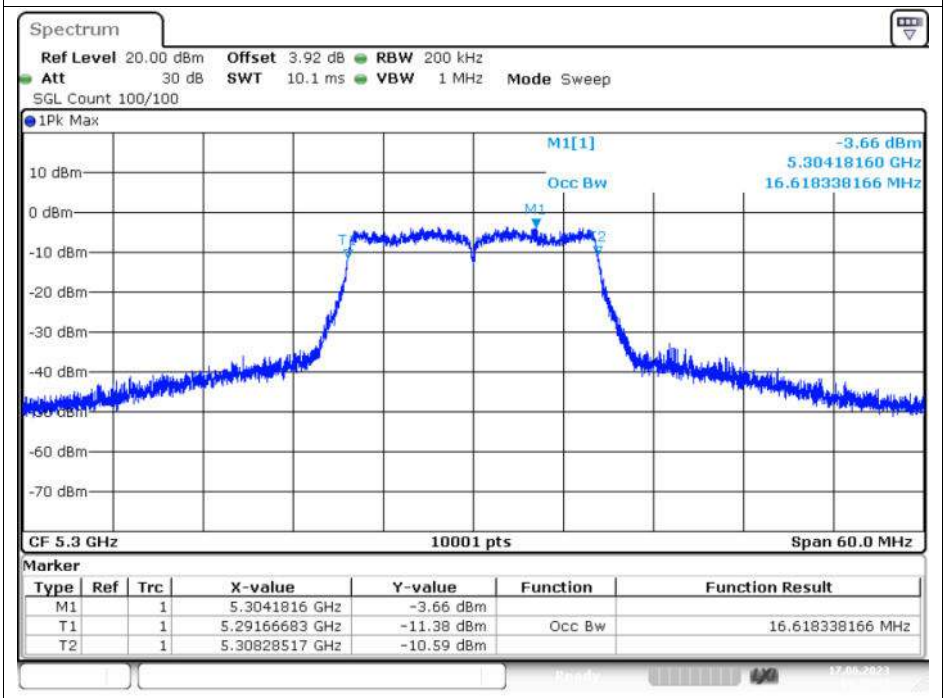
Date: 17.JUN.2023 14:22:22

OBW NVNT a 5300MHz Ant1



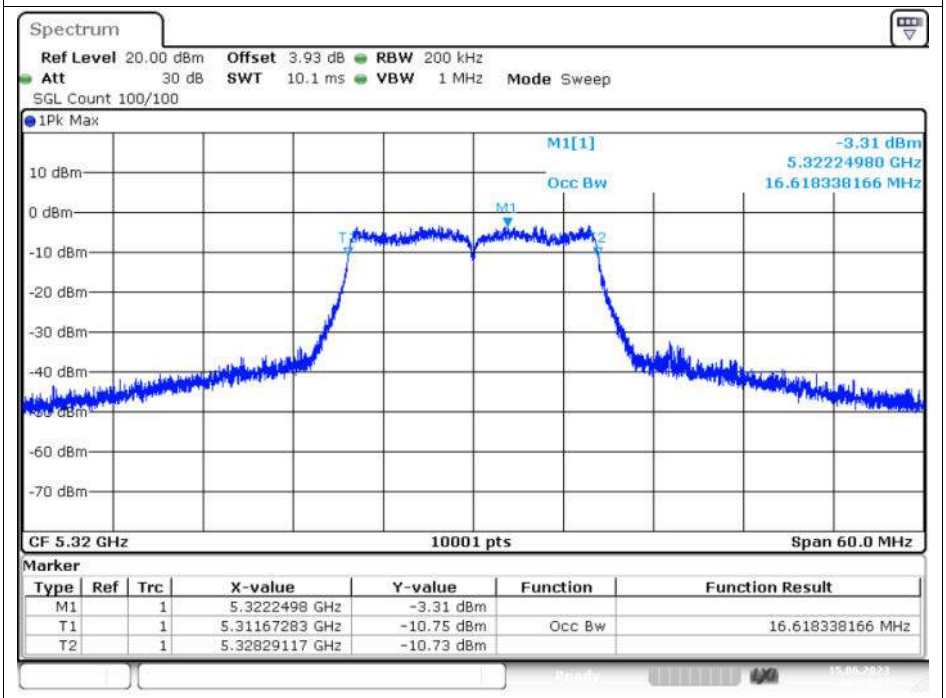
Date: 8.JUN.2023 10:10:27

OBW NVNT a 5300MHz Ant2



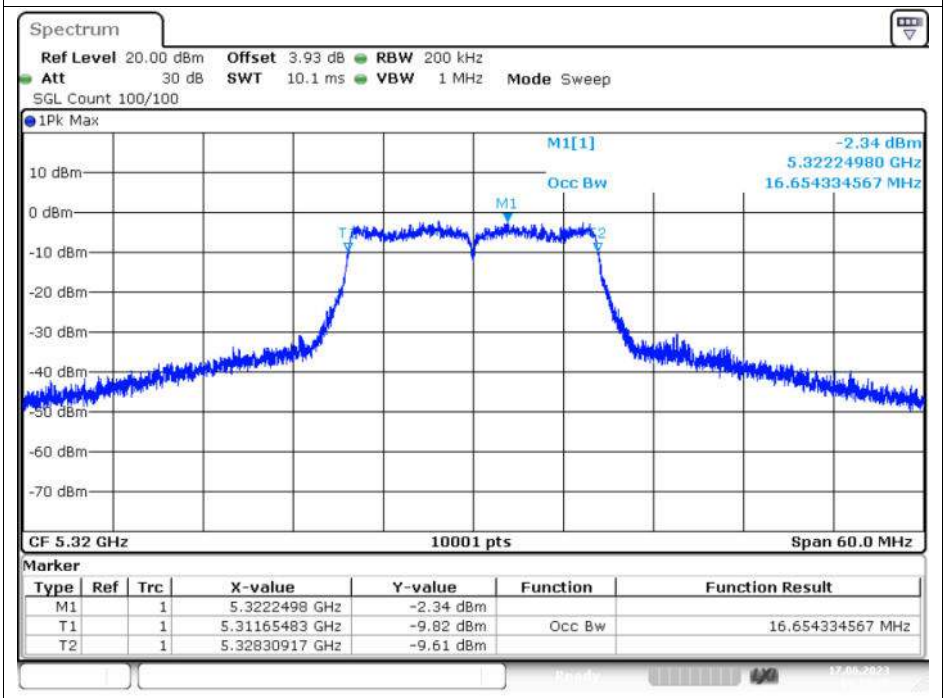
Date: 17.JUN.2023 14:25:31

OBW NVNT a 5320MHz Ant1



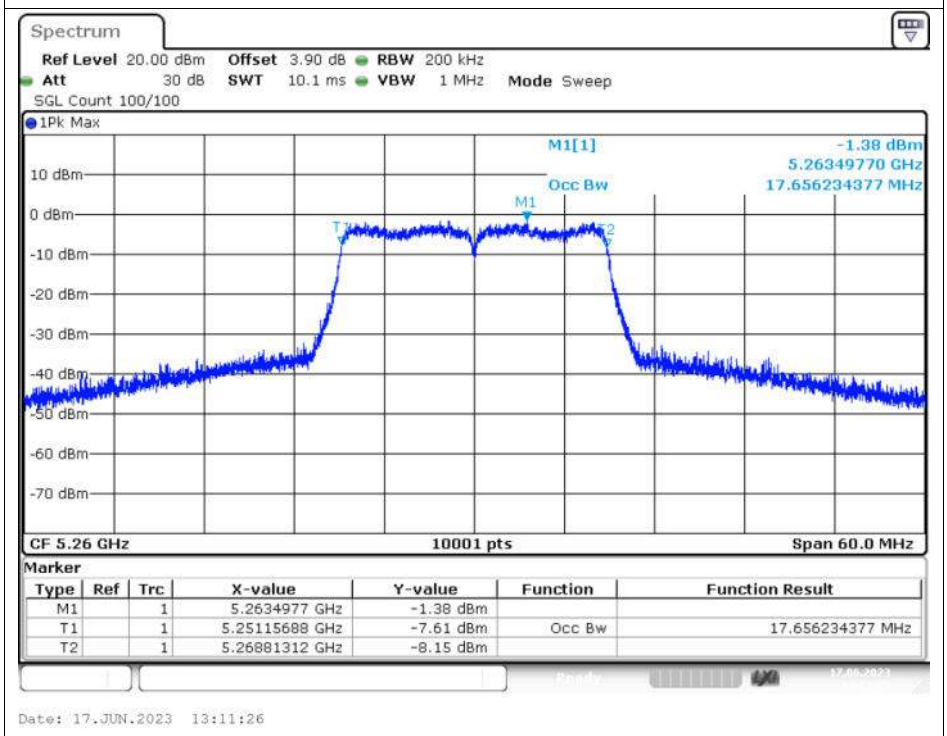
Date: 15.JUN.2023 16:33:22

OBW NVNT a 5320MHz Ant2

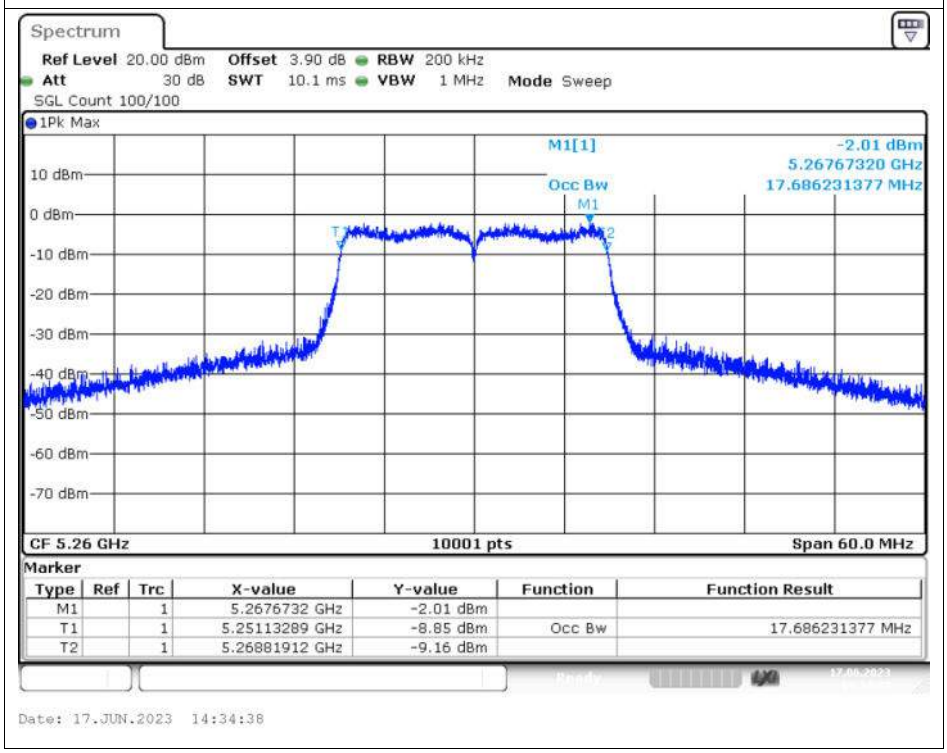


Date: 17.JUN.2023 14:29:20

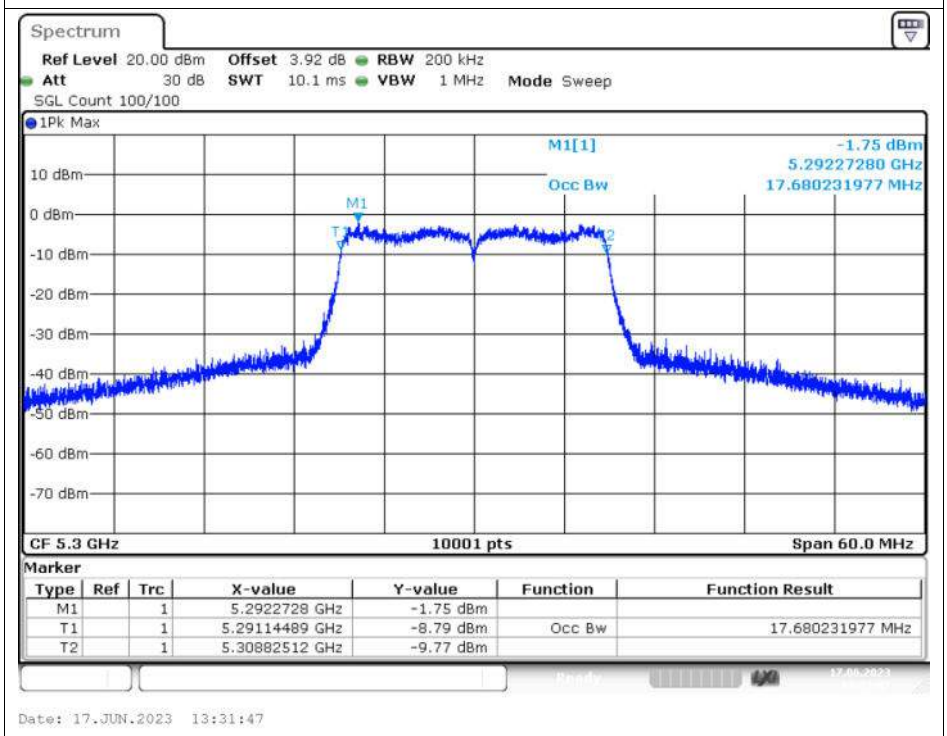
OBW NVNT n20 5260MHz Ant1



OBW NVNT n20 5260MHz Ant2

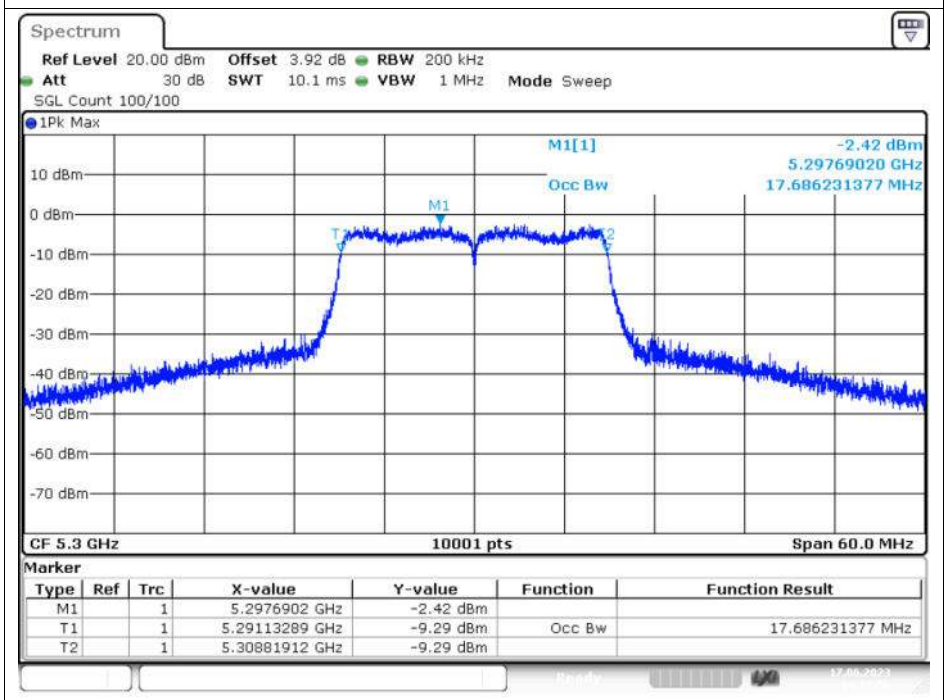


OBW NVNT n20 5300MHz Ant1



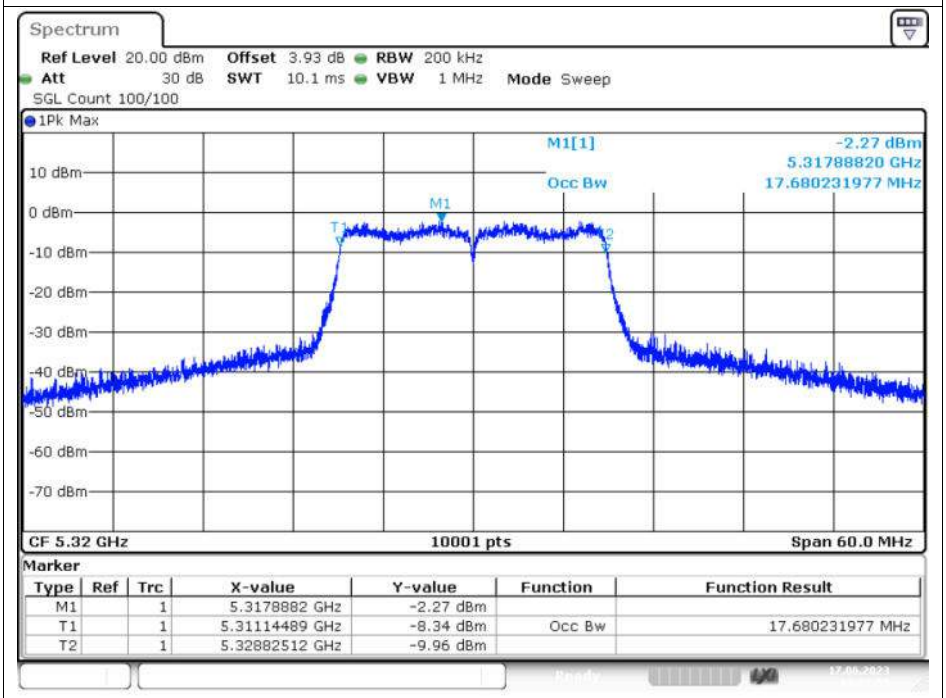
Date: 17.JUN.2023 13:31:47

OBW NVNT n20 5300MHz Ant2



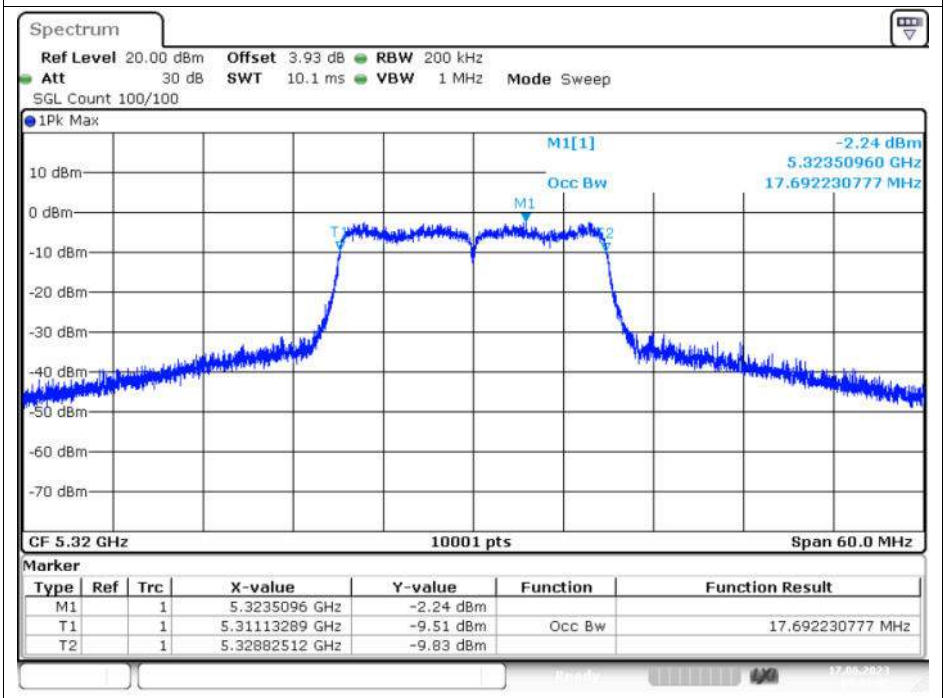
Date: 17.JUN.2023 14:37:56

OBW NVNT n20 5320MHz Ant1



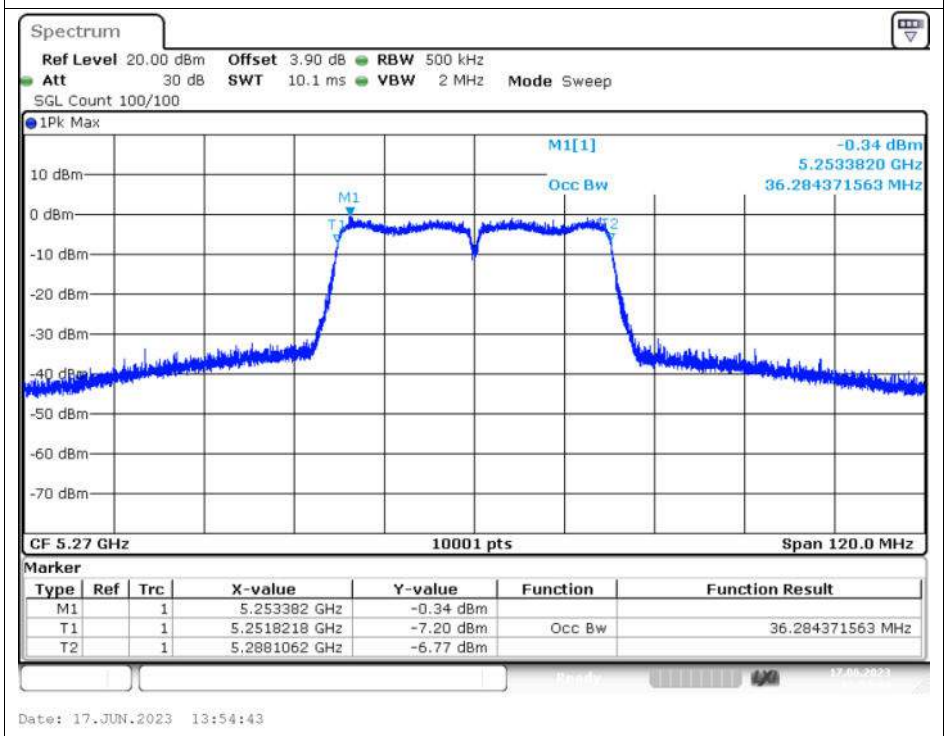
Date: 17.JUN.2023 13:37:55

OBW NVNT n20 5320MHz Ant2

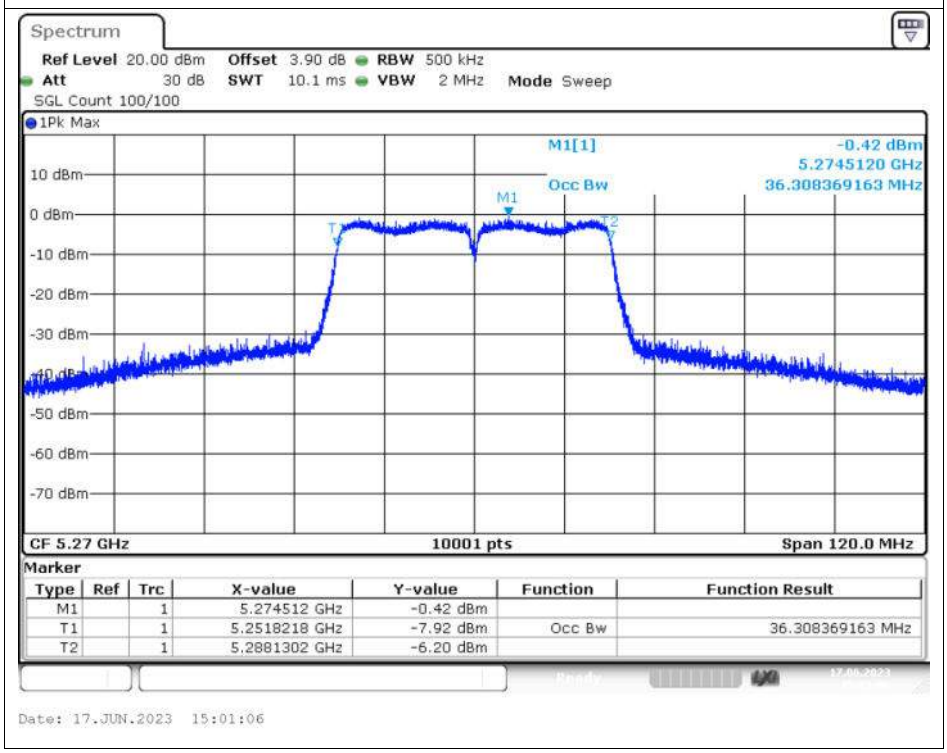


Date: 17.JUN.2023 14:41:42

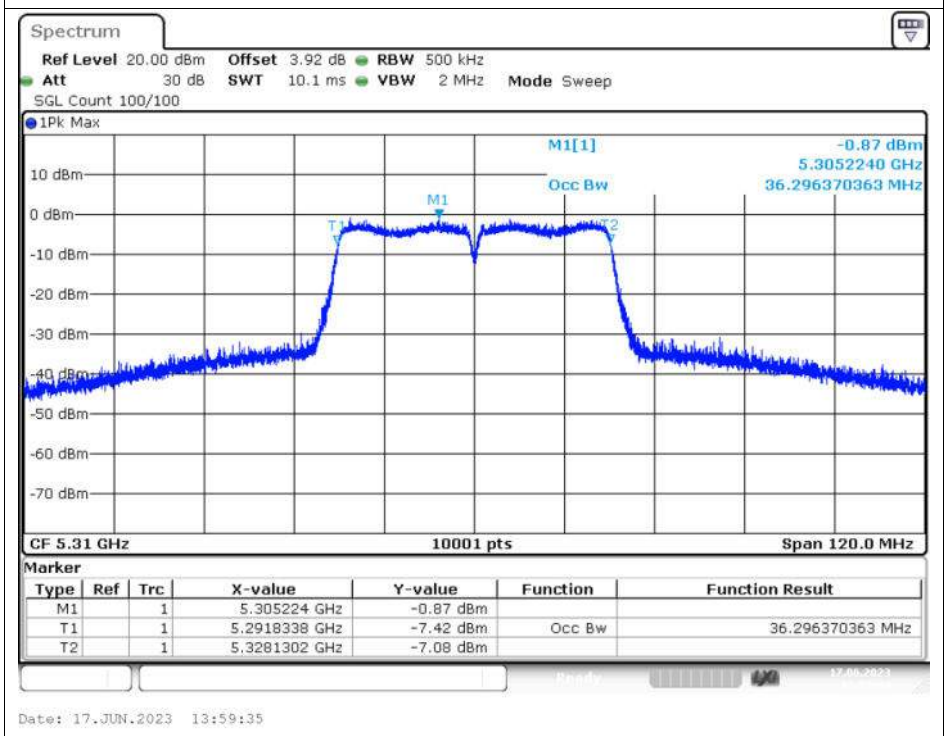
OBW NVNT n40 5270MHz Ant1



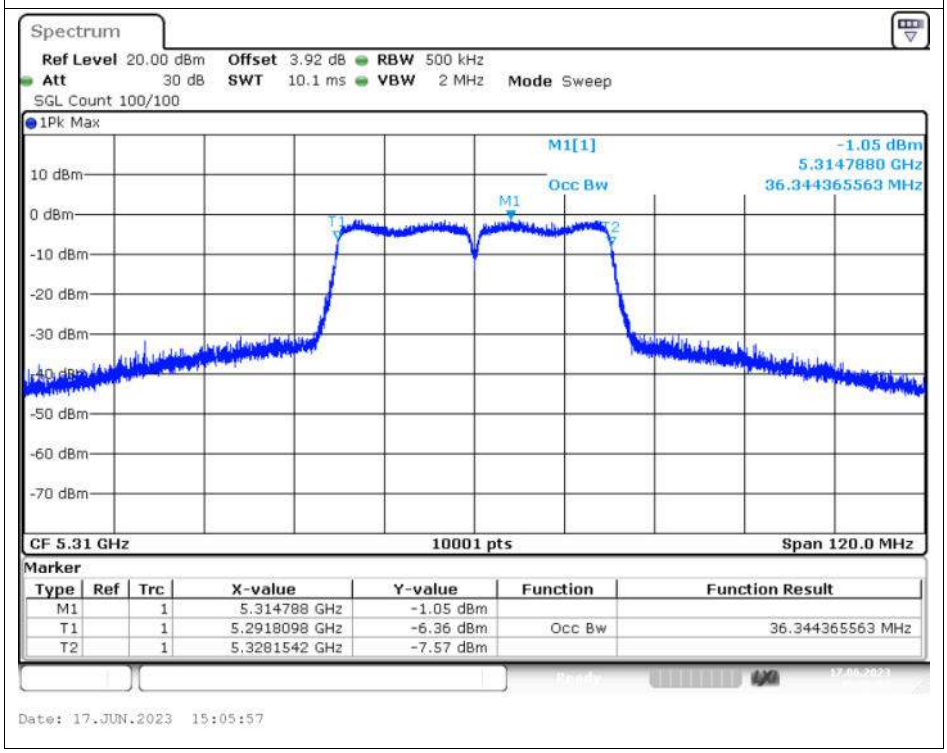
OBW NVNT n40 5270MHz Ant2



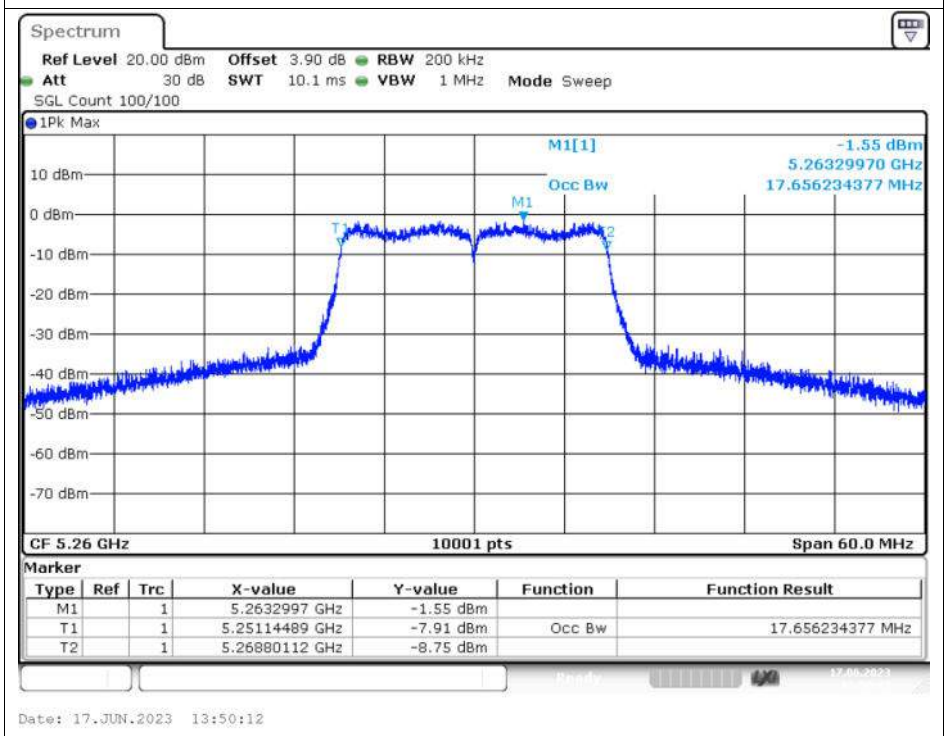
OBW NVNT n40 5310MHz Ant1



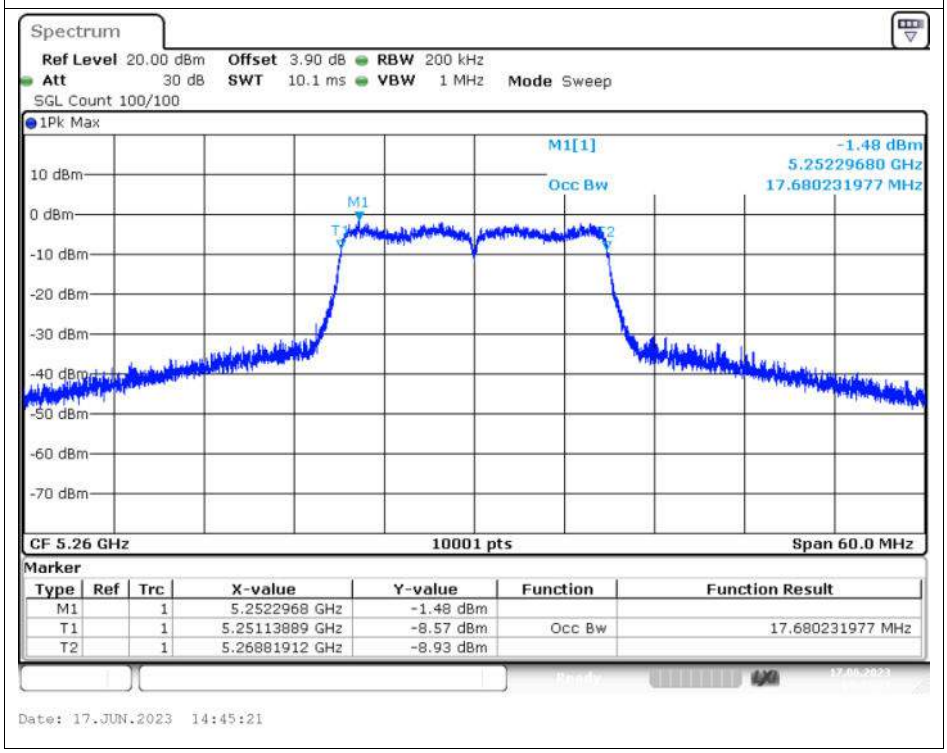
OBW NVNT n40 5310MHz Ant2



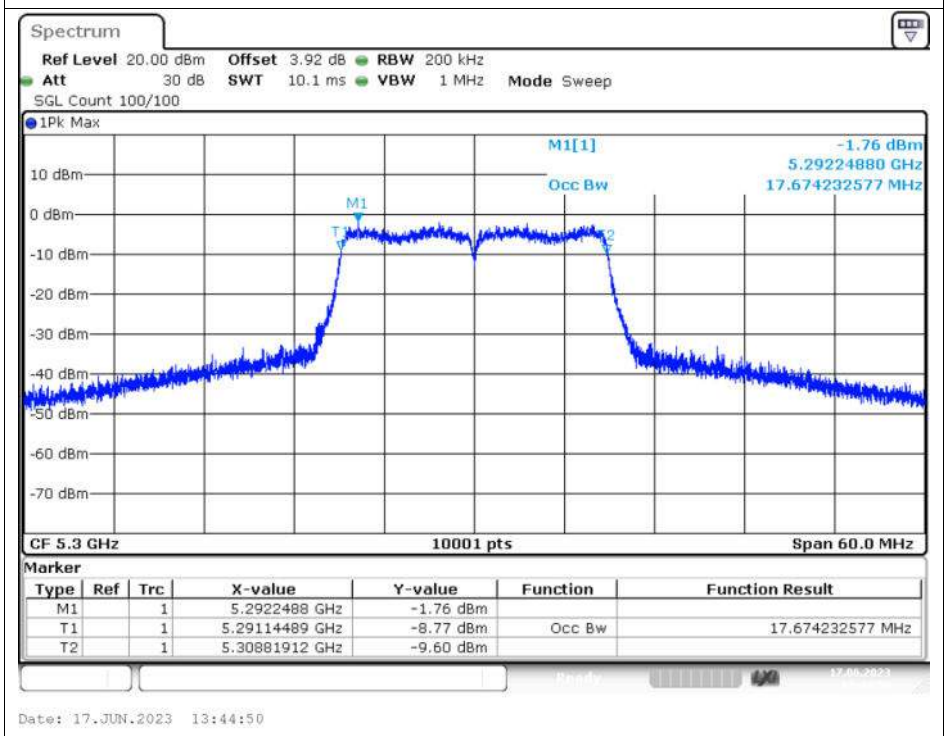
OBW NVNT ac20 5260MHz Ant1



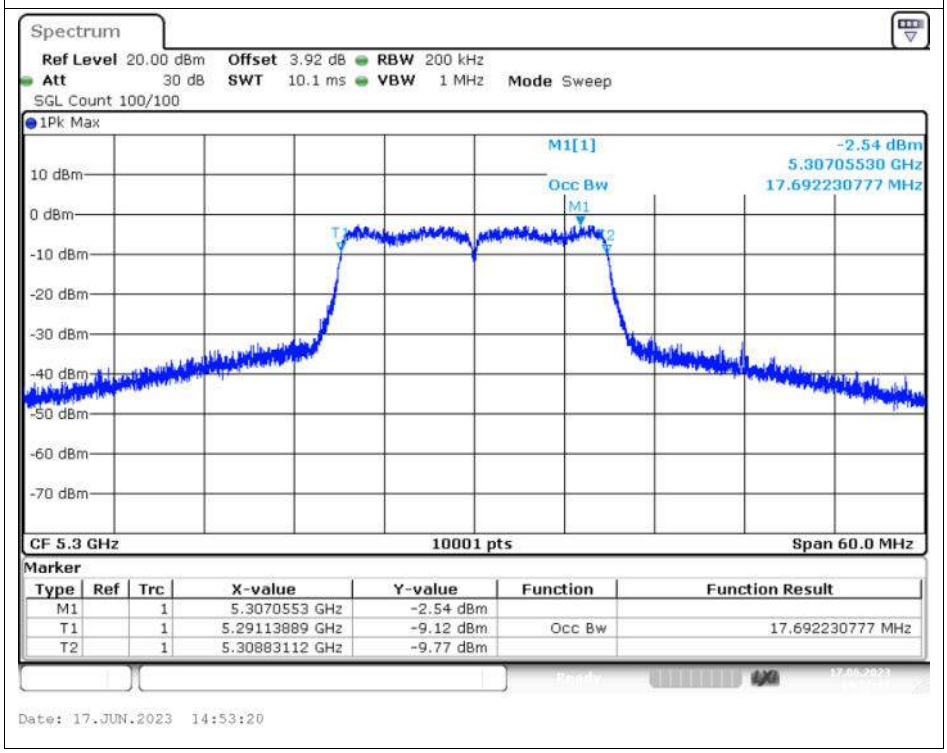
OBW NVNT ac20 5260MHz Ant2



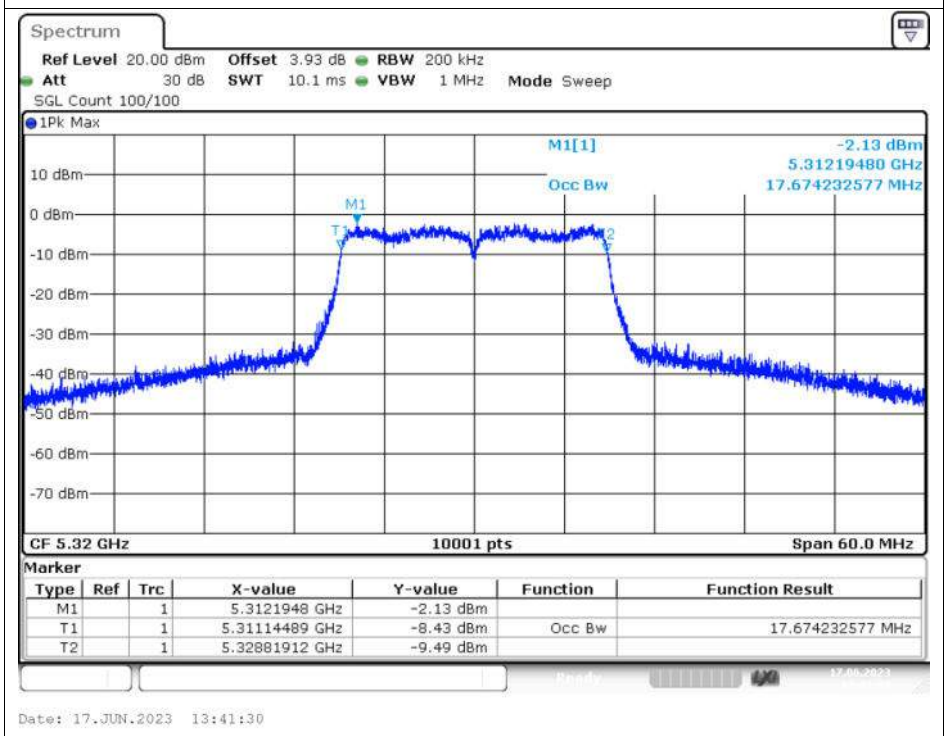
OBW NVNT ac20 5300MHz Ant1



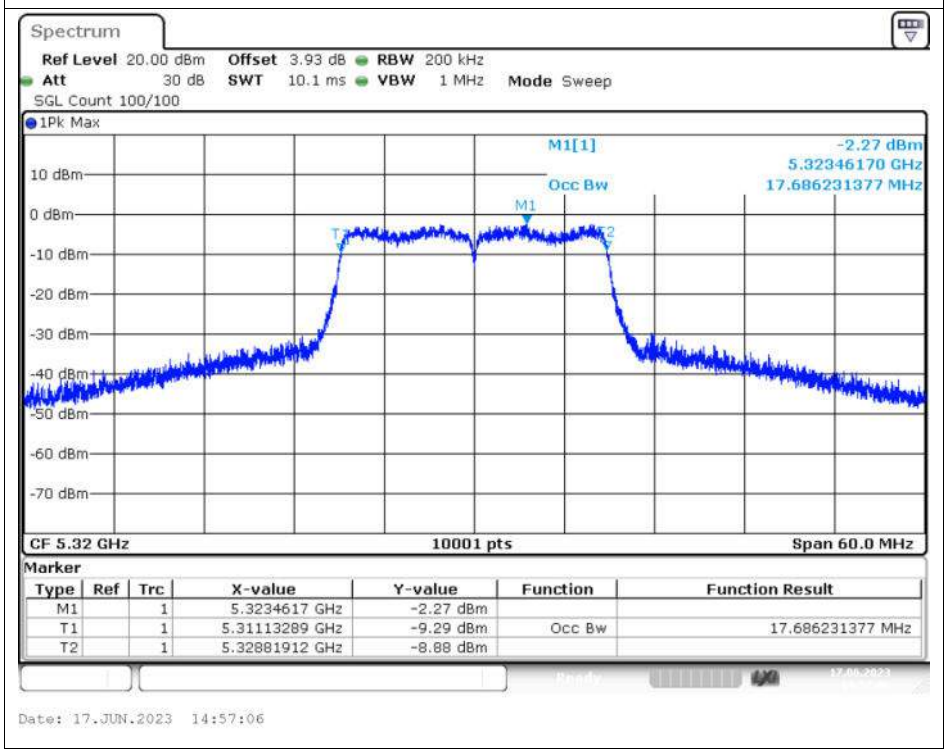
OBW NVNT ac20 5300MHz Ant2



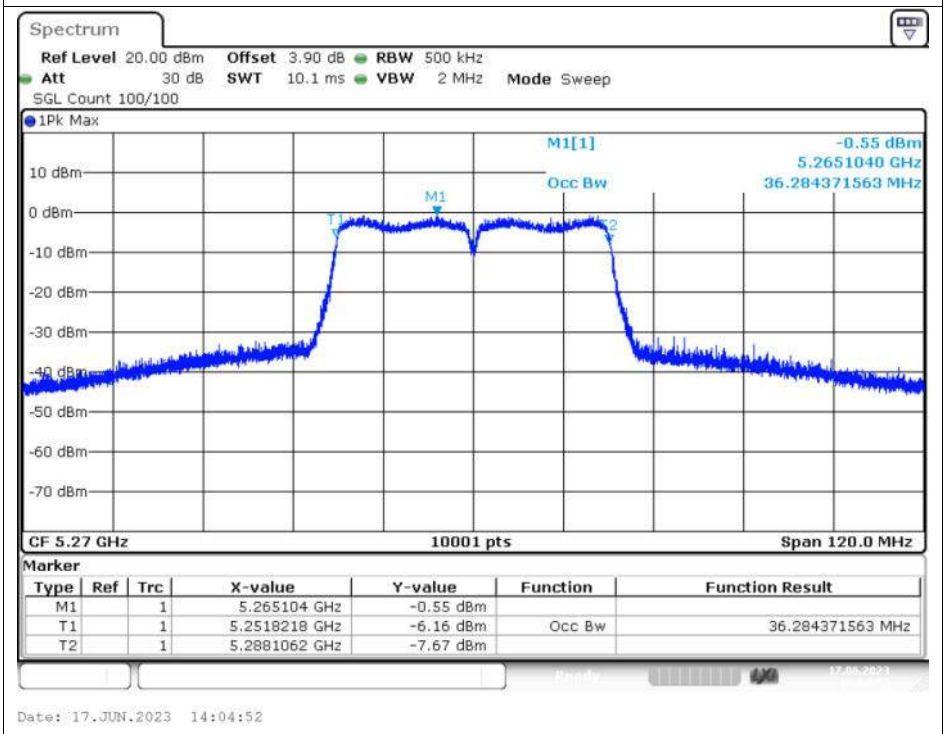
OBW NVNT ac20 5320MHz Ant1



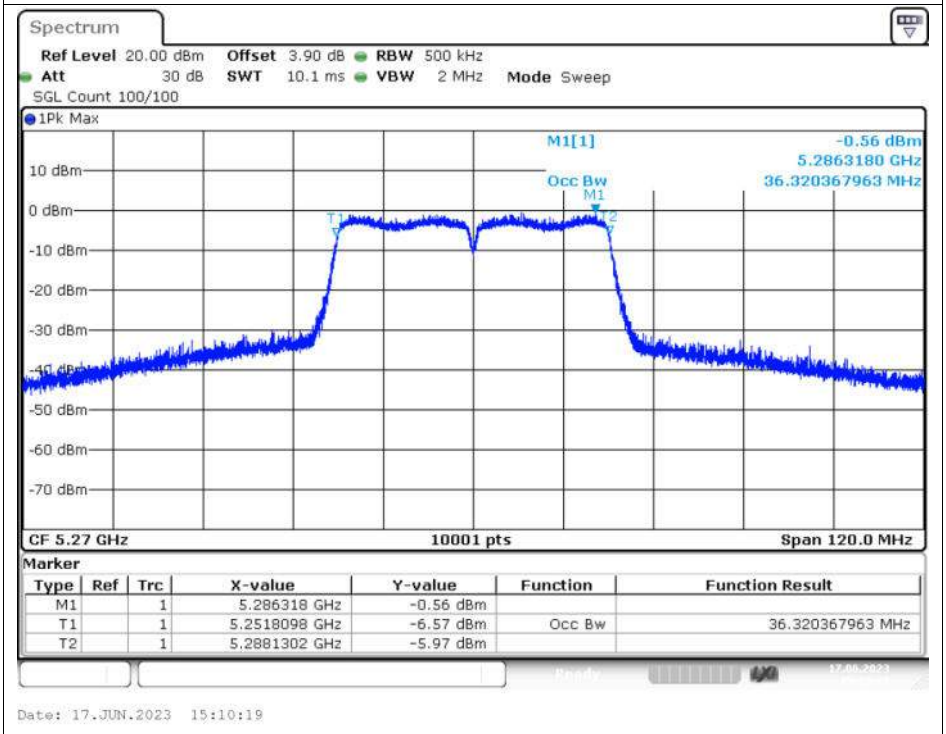
OBW NVNT ac20 5320MHz Ant2



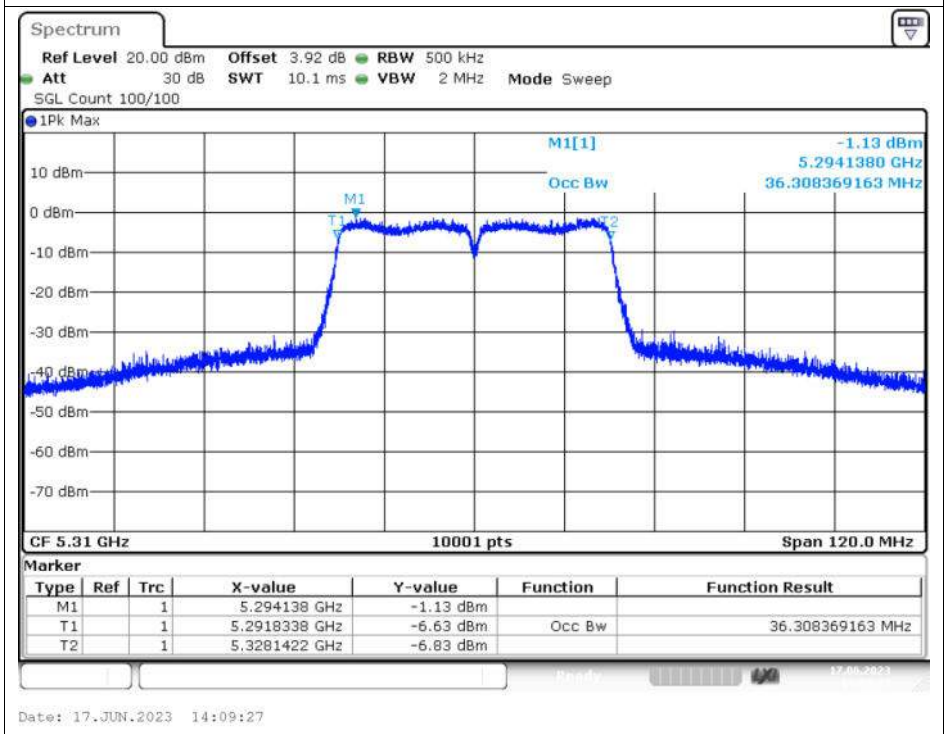
OBW NVNT ac40 5270MHz Ant1



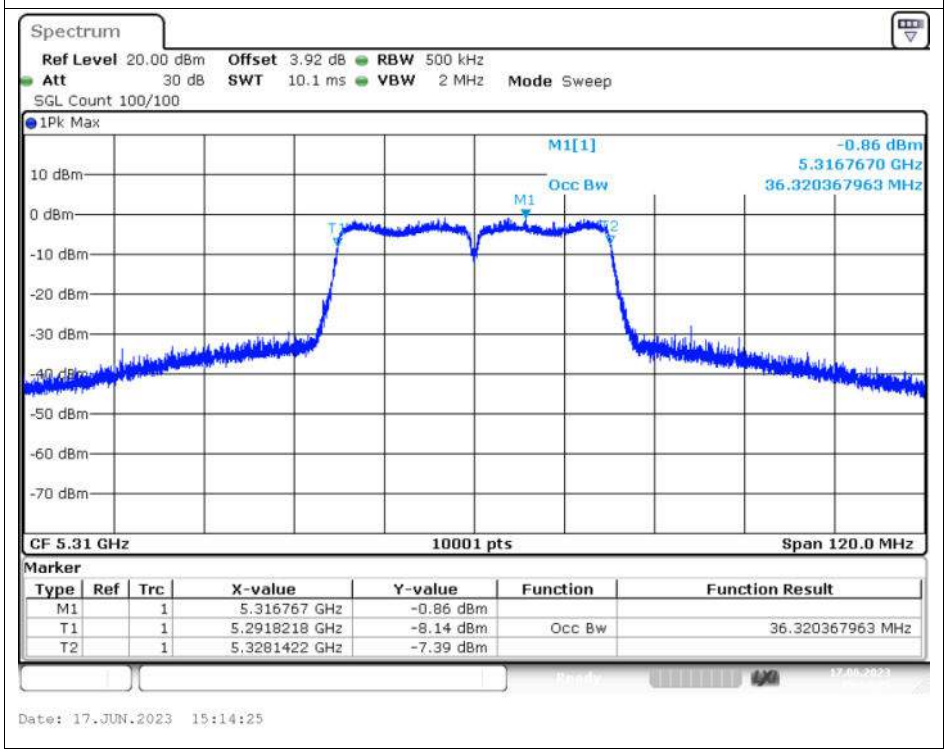
OBW NVNT ac40 5270MHz Ant2



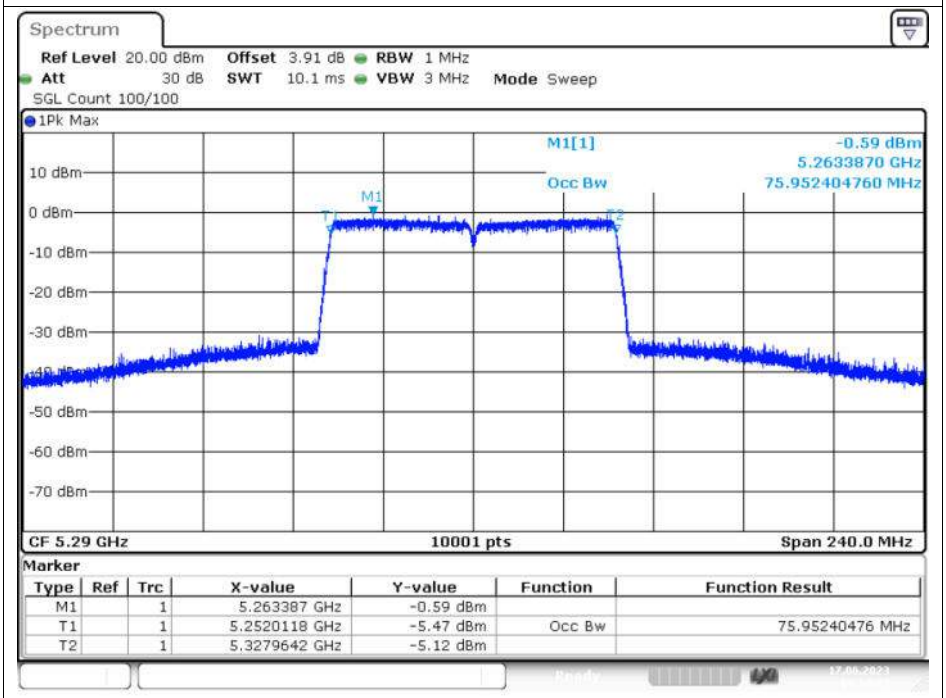
OBW NVNT ac40 5310MHz Ant1



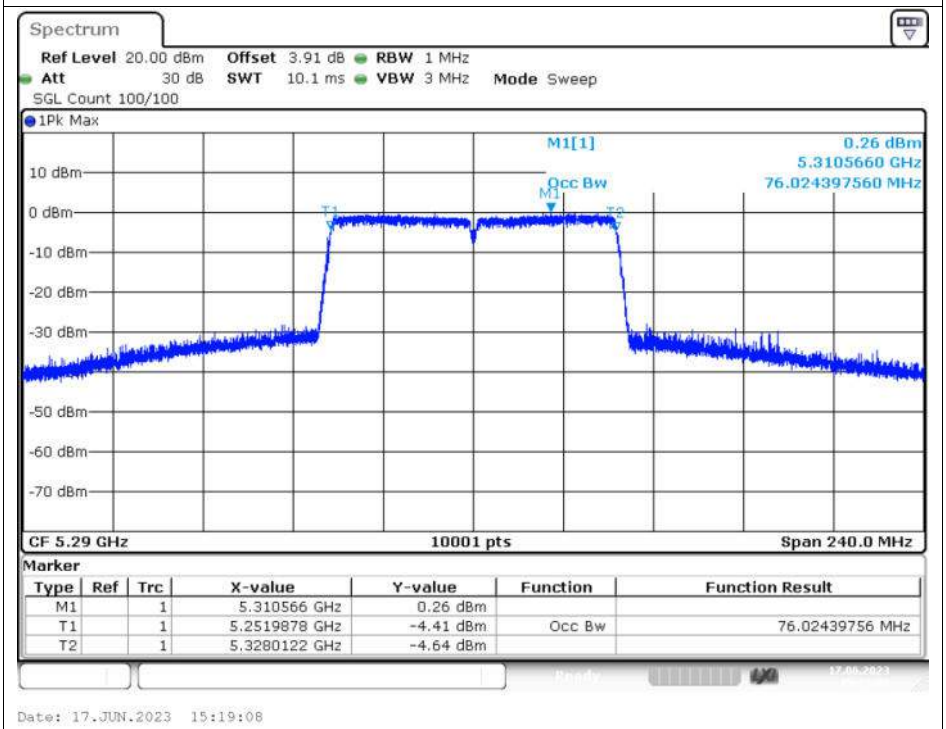
OBW NVNT ac40 5310MHz Ant2



OBW NVNT ac80 5290MHz Ant1



OBW NVNT ac80 5290MHz Ant2



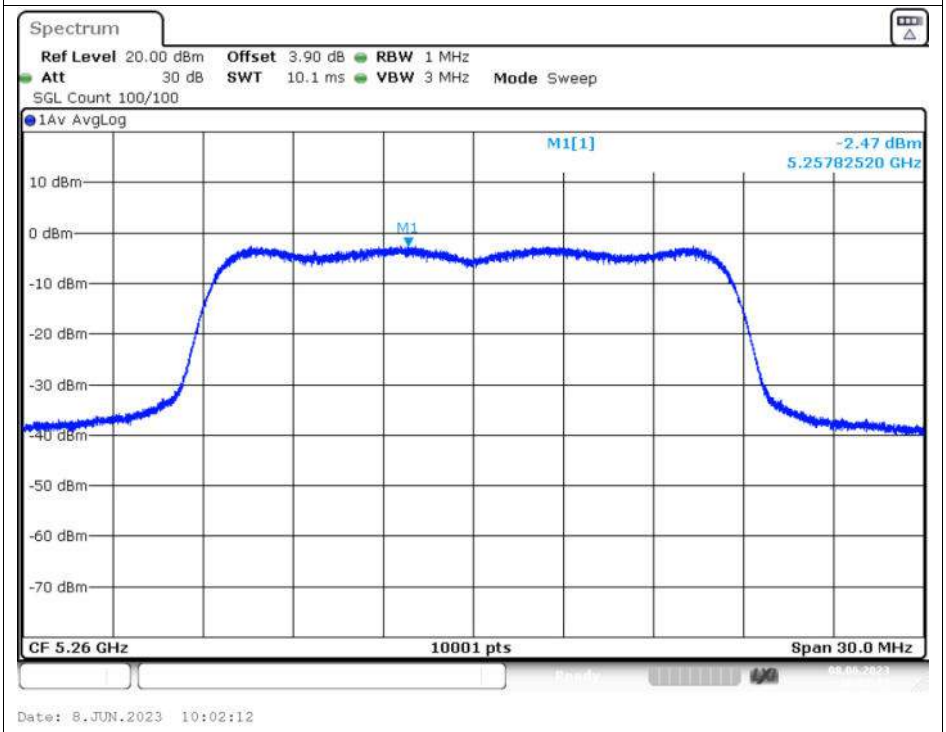
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-2.47	0	-2.47	11	Pass
NVNT	a	5260	Ant2	-3.6	0	-3.6	11	Pass
NVNT	a	5300	Ant1	-4.08	0	-4.08	11	Pass
NVNT	a	5300	Ant2	-4.83	0	-4.83	11	Pass
NVNT	a	5320	Ant1	-2.96	0	-2.96	11	Pass
NVNT	a	5320	Ant2	-3.7	0	-3.7	11	Pass
NVNT	n20	5260	Ant1	-3	0	-3	11	Pass
NVNT	n20	5260	Ant2	-3.24	0	-3.24	11	Pass
NVNT	n20	5260	Sum	-0.11	-	-0.11	11	Pass
NVNT	n20	5300	Ant1	-3.72	0	-3.72	11	Pass
NVNT	n20	5300	Ant2	-4.03	0	-4.03	11	Pass
NVNT	n20	5300	Sum	-0.86	-	-0.86	11	Pass
NVNT	n20	5320	Ant1	-3.67	0	-3.67	11	Pass
NVNT	n20	5320	Ant2	-3.85	0	-3.85	11	Pass
NVNT	n20	5320	Sum	-0.75	-	-0.75	11	Pass
NVNT	n40	5270	Ant1	-6.2	0	-6.2	11	Pass
NVNT	n40	5270	Ant2	-6.31	0	-6.31	11	Pass
NVNT	n40	5270	Sum	-3.24	-	-3.24	11	Pass
NVNT	n40	5310	Ant1	-6.67	0	-6.67	11	Pass
NVNT	n40	5310	Ant2	-6.61	0	-6.61	11	Pass
NVNT	n40	5310	Sum	-3.63	-	-3.63	11	Pass
NVNT	ac20	5260	Ant1	-3.06	0	-3.06	11	Pass
NVNT	ac20	5260	Ant2	-3.33	0	-3.33	11	Pass
NVNT	ac20	5260	Sum	-0.18	-	-0.18	11	Pass
NVNT	ac20	5300	Ant1	-3.61	0	-3.61	11	Pass
NVNT	ac20	5300	Ant2	-3.78	0	-3.78	11	Pass
NVNT	ac20	5300	Sum	-0.68	-	-0.68	11	Pass
NVNT	ac20	5320	Ant1	-3.5	0	-3.5	11	Pass
NVNT	ac20	5320	Ant2	-3.74	0	-3.74	11	Pass
NVNT	ac20	5320	Sum	-0.61	-	-0.61	11	Pass
NVNT	ac40	5270	Ant1	-6.21	0	-6.21	11	Pass
NVNT	ac40	5270	Ant2	-6.29	0	-6.29	11	Pass
NVNT	ac40	5270	Sum	-3.24	-	-3.24	11	Pass
NVNT	ac40	5310	Ant1	-6.76	0	-6.76	11	Pass
NVNT	ac40	5310	Ant2	-6.54	0	-6.54	11	Pass
NVNT	ac40	5310	Sum	-3.64	-	-3.64	11	Pass
NVNT	ac80	5290	Ant1	-10.57	0	-10.57	11	Pass
NVNT	ac80	5290	Ant2	-9.47	0	-9.47	11	Pass

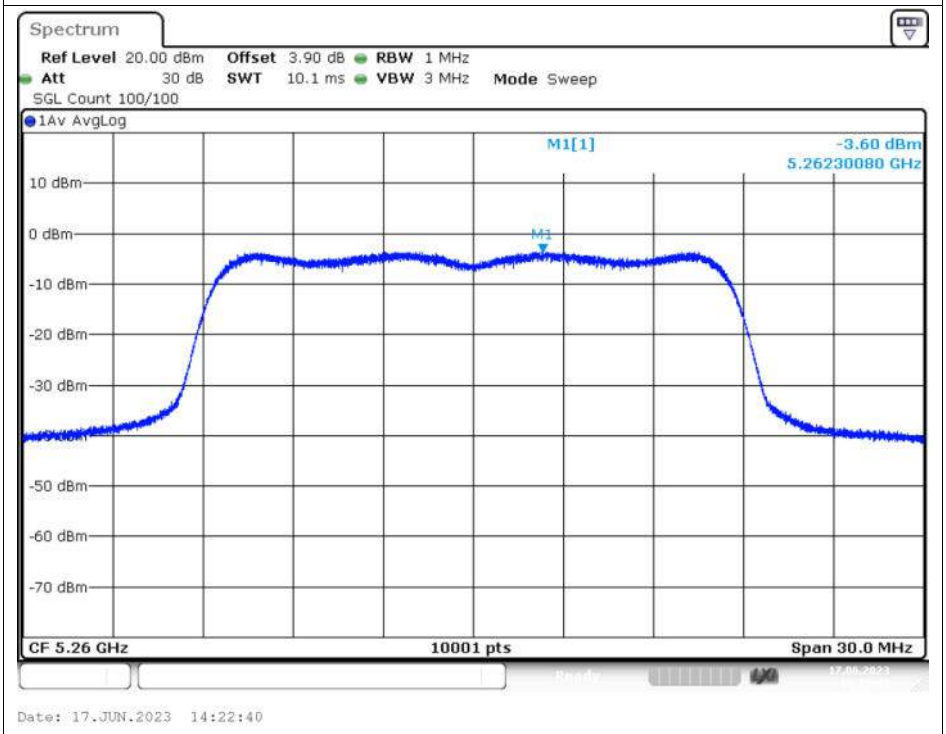
NVNT	ac80	5290	Sum	-6.97	-	-6.97	11	Pass

Test Graphs

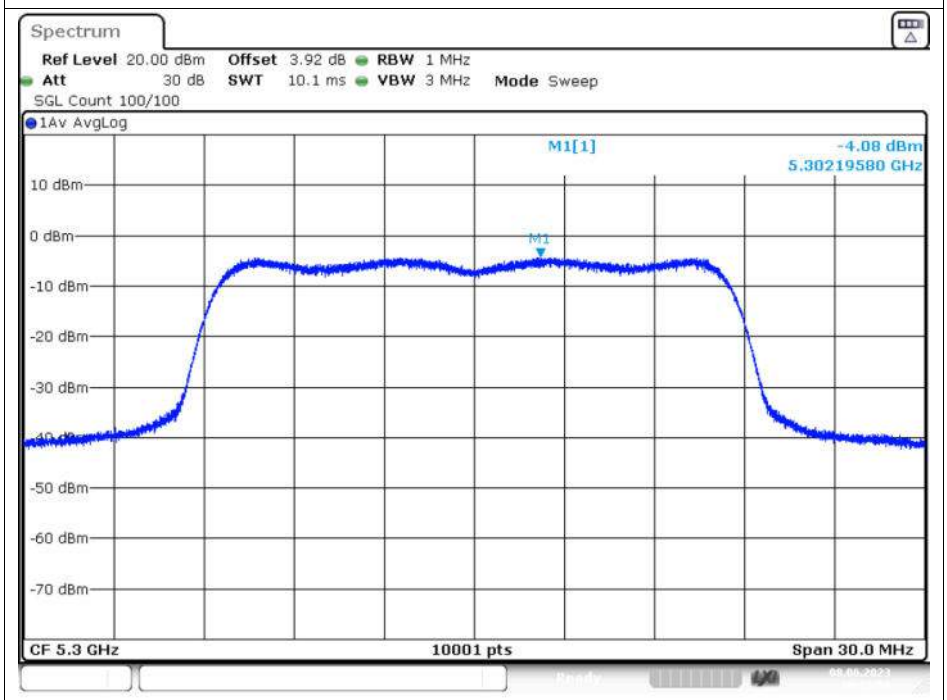
PSD NVNT a 5260MHz Ant1



PSD NVNT a 5260MHz Ant2

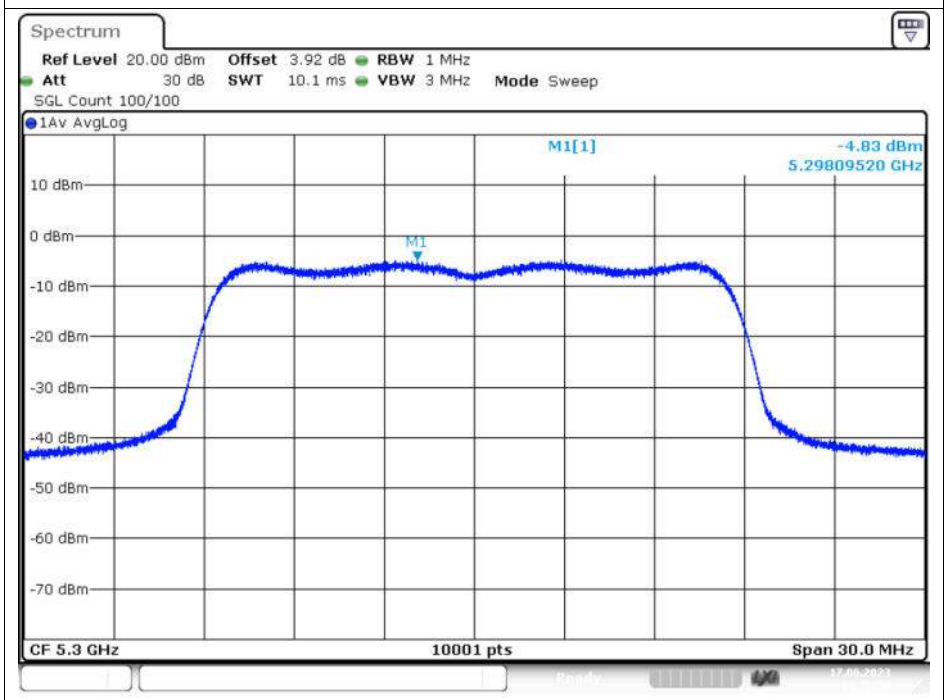


PSD NVNT a 5300MHz Ant1



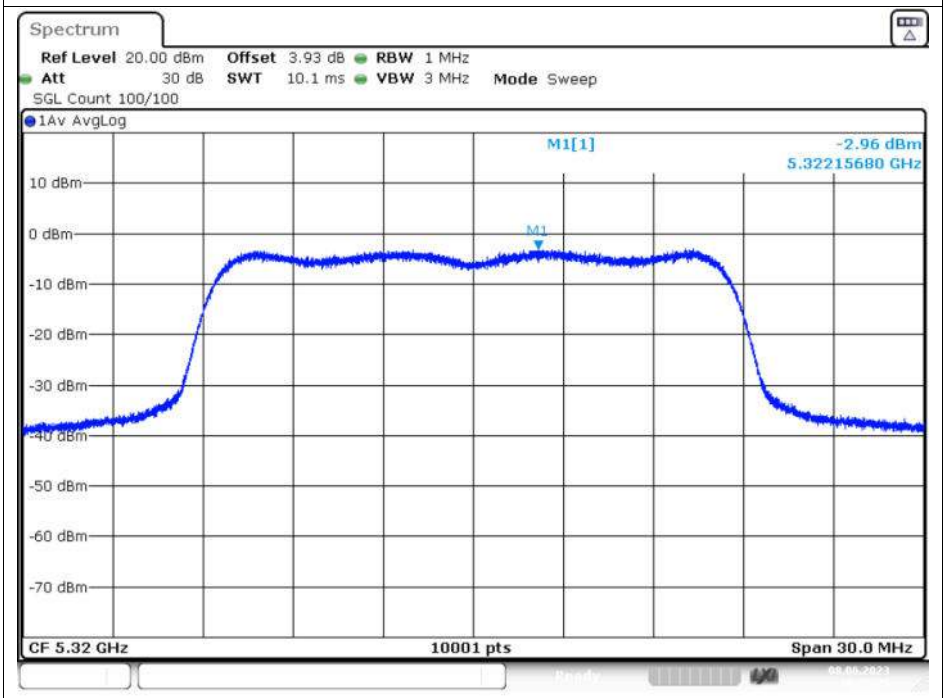
Date: 8.JUN.2023 10:10:59

PSD NVNT a 5300MHz Ant2



Date: 17.JUN.2023 14:25:49

PSD NVNT a 5320MHz Ant1



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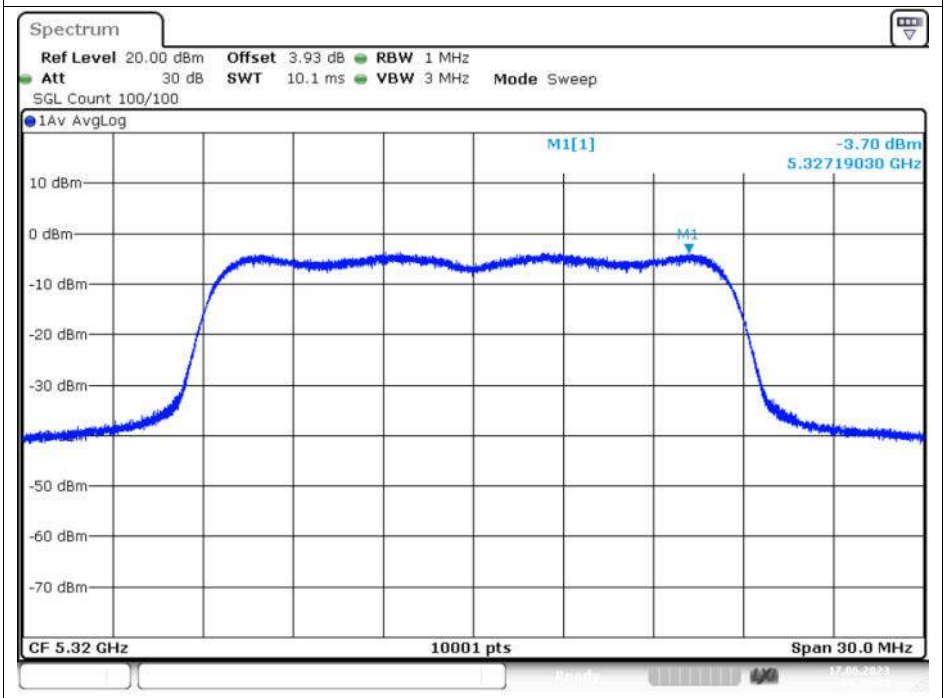
PSD NVNT a 5320MHz Ant2



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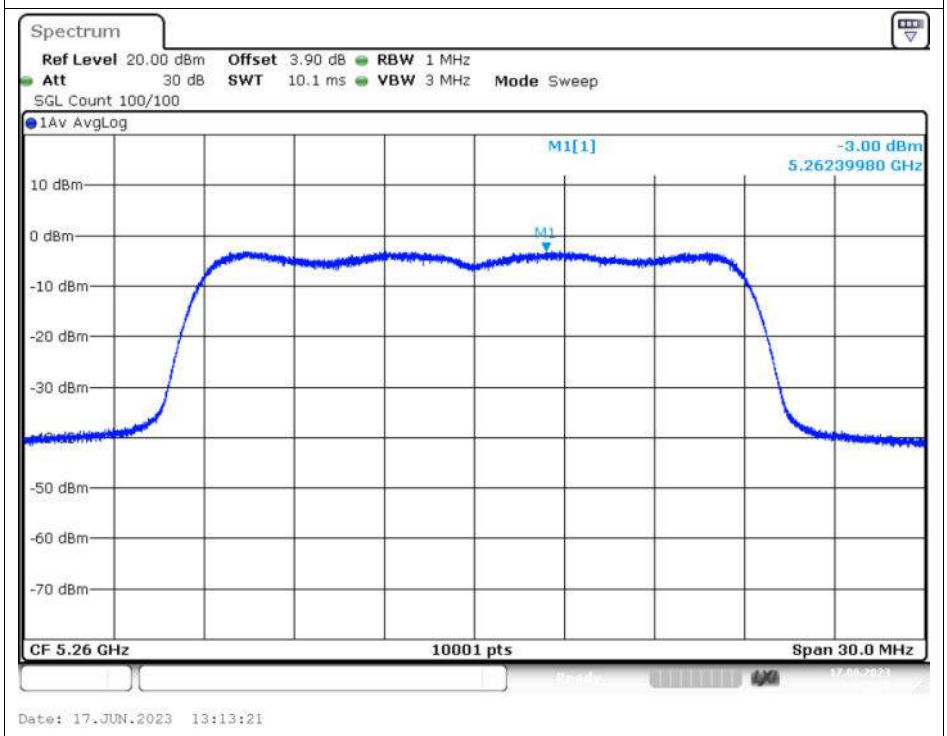
PSD NVNT n20 5260MHz Ant1



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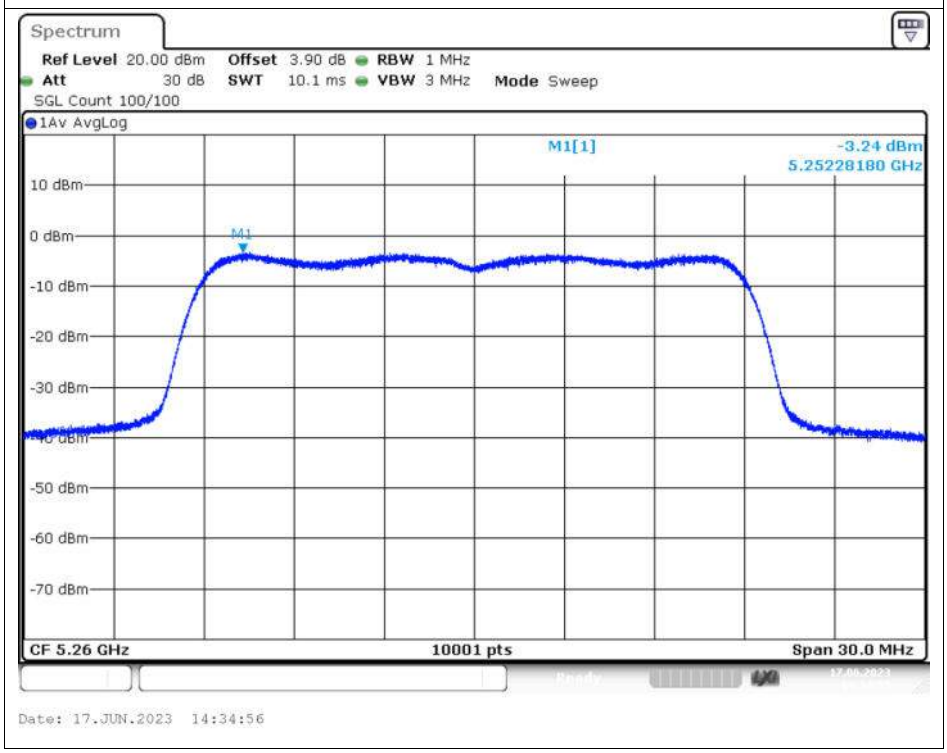

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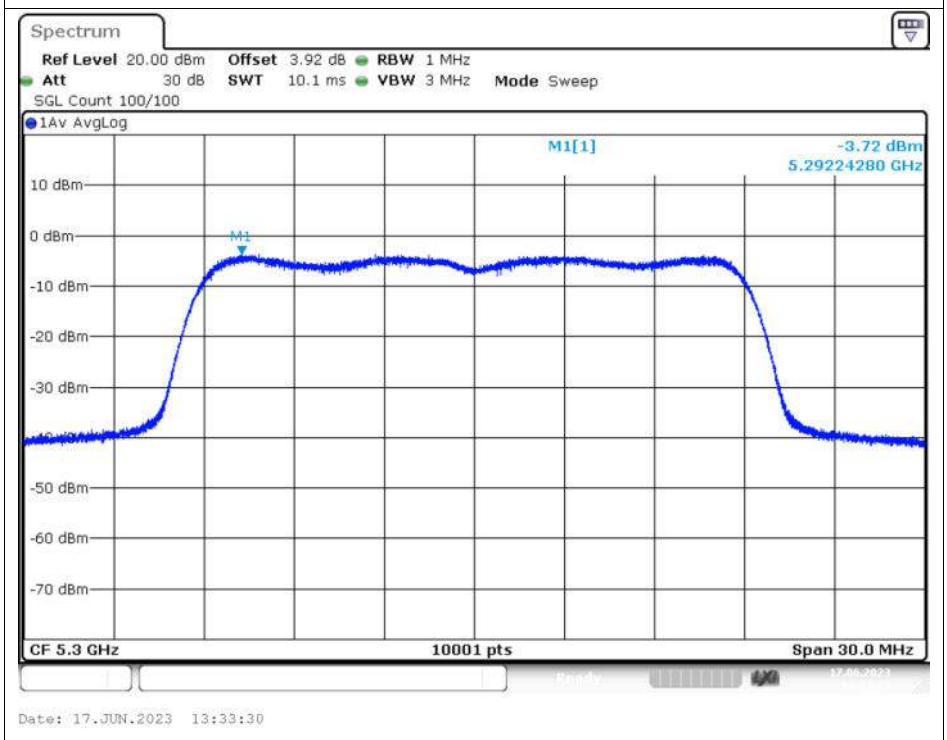
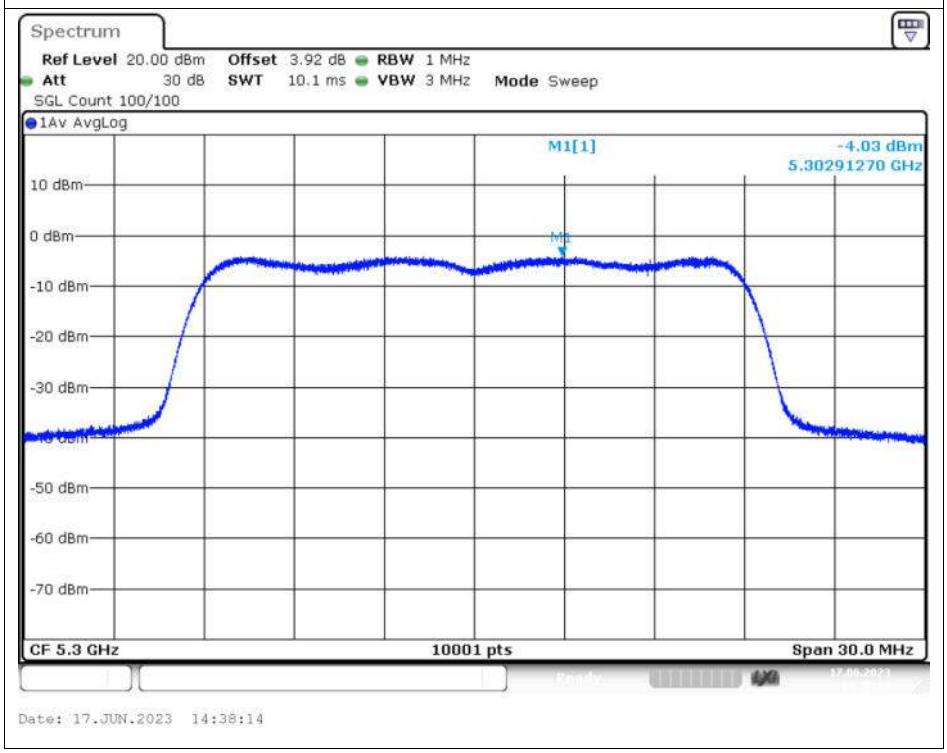
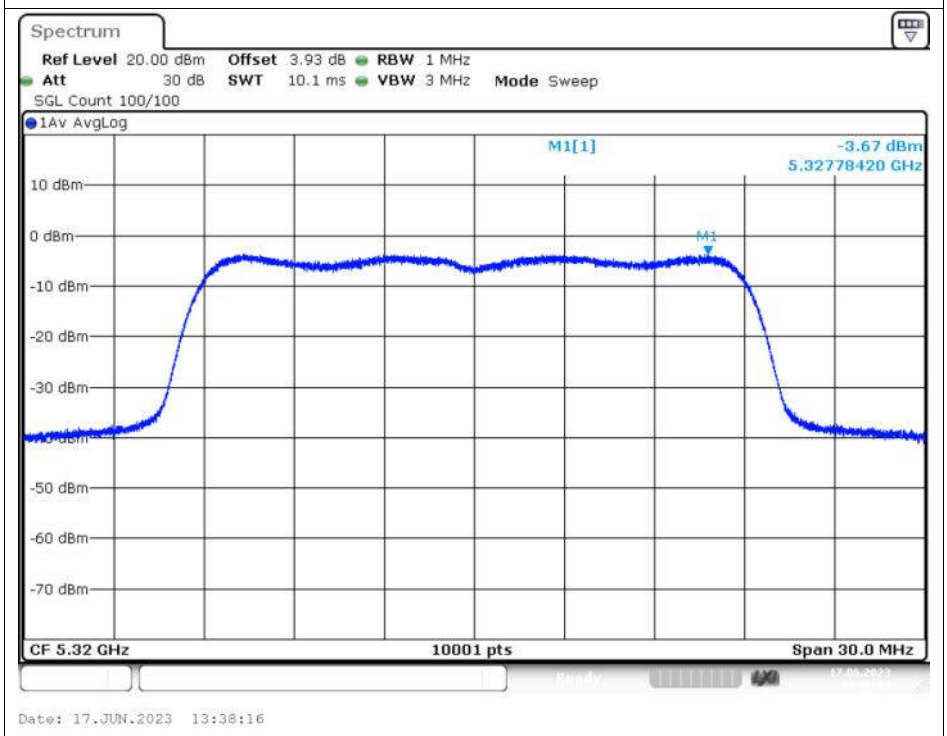


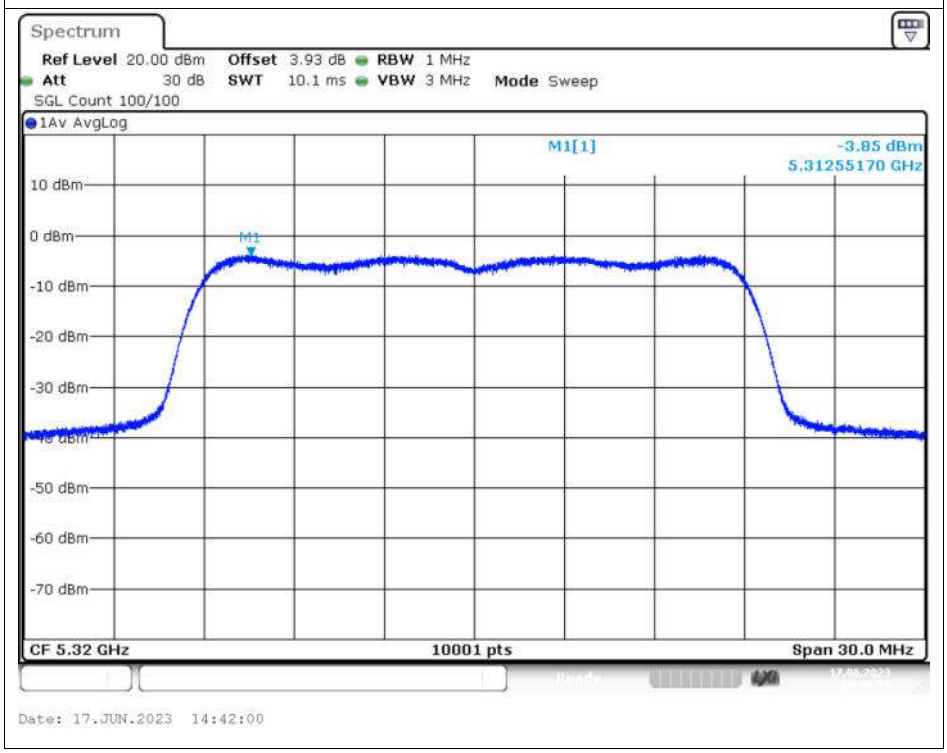
PSD NVNT n20 5300MHz Ant2



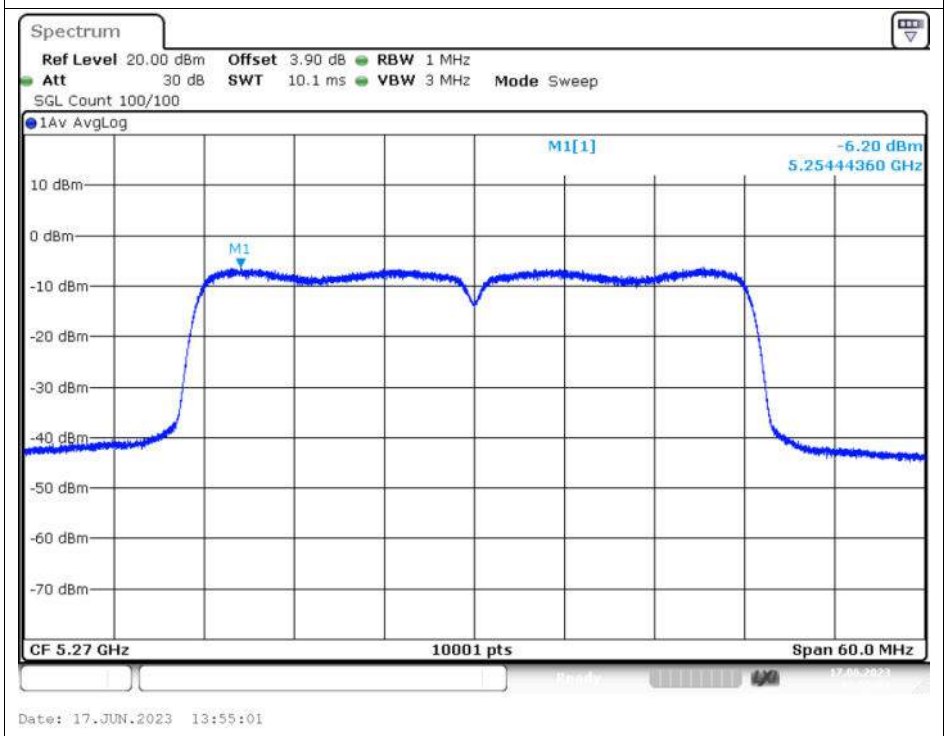
PSD NVNT n20 5320MHz Ant1



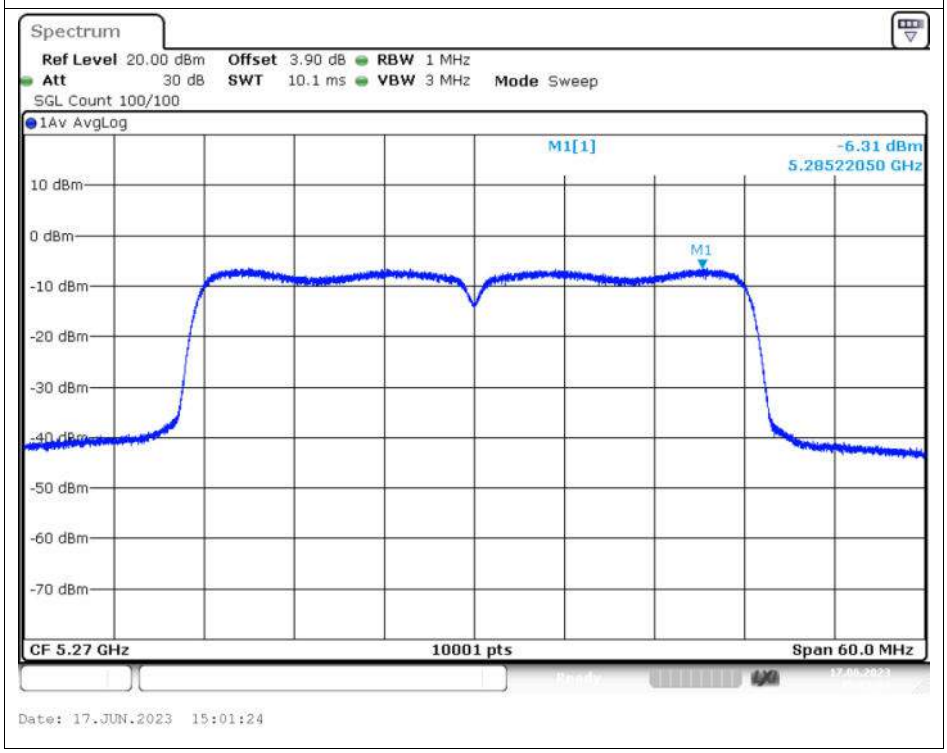
PSD NVNT n20 5320MHz Ant2



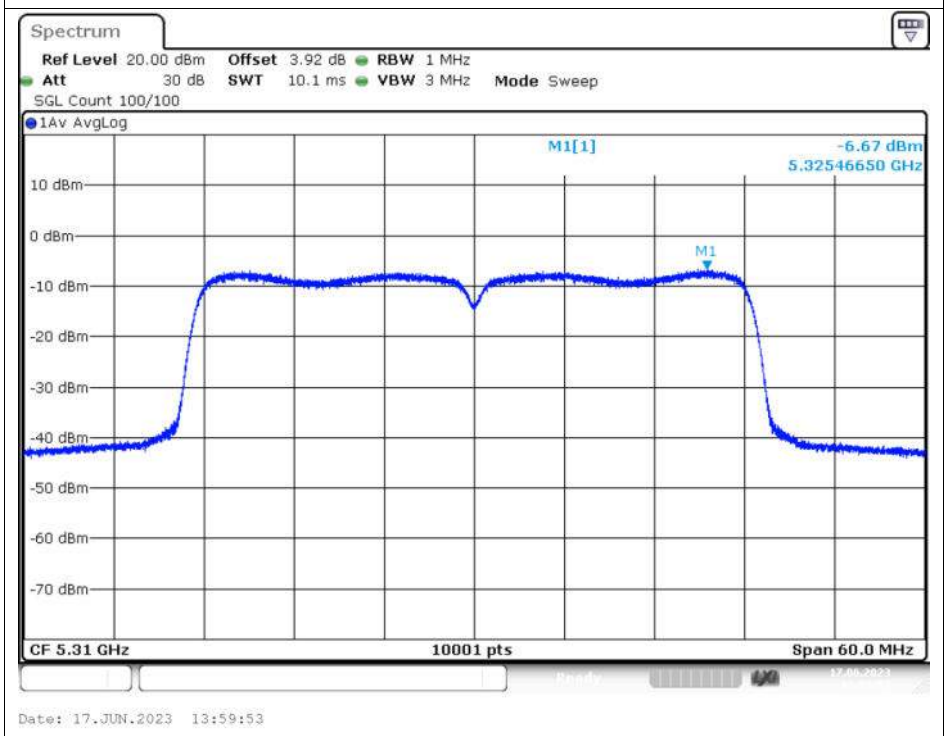
PSD NVNT n40 5270MHz Ant1



PSD NVNT n40 5270MHz Ant2

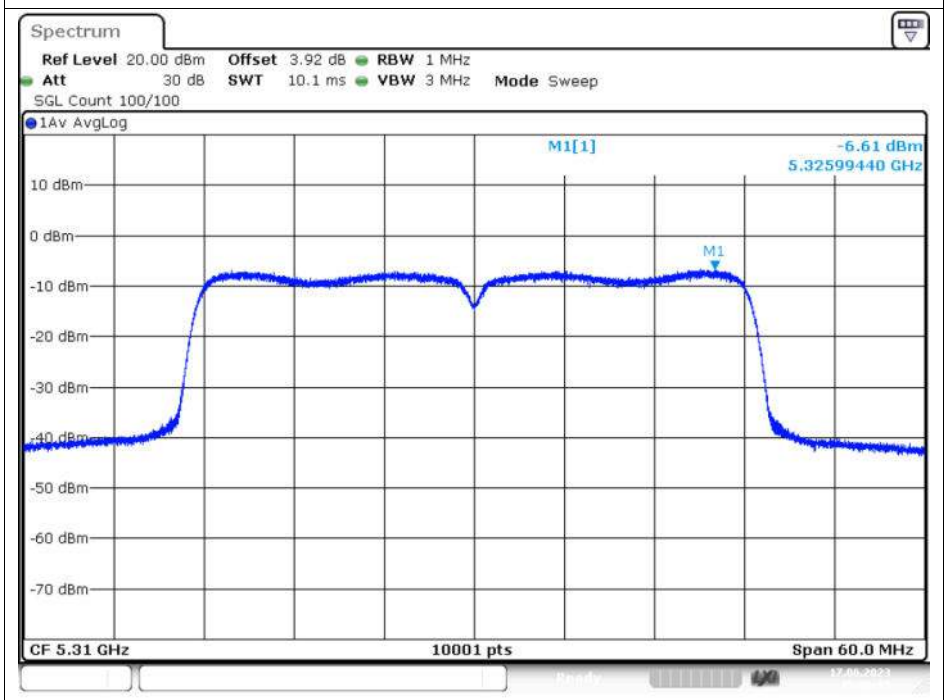


PSD NVNT n40 5310MHz Ant1



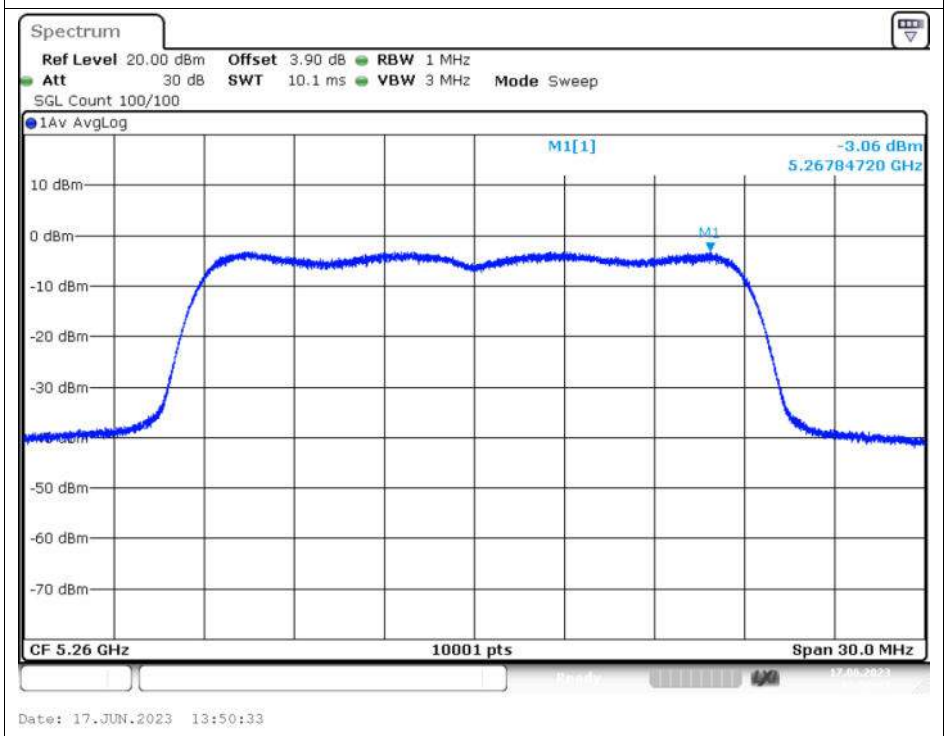
Date: 17.JUN.2023 13:59:53

PSD NVNT n40 5310MHz Ant2

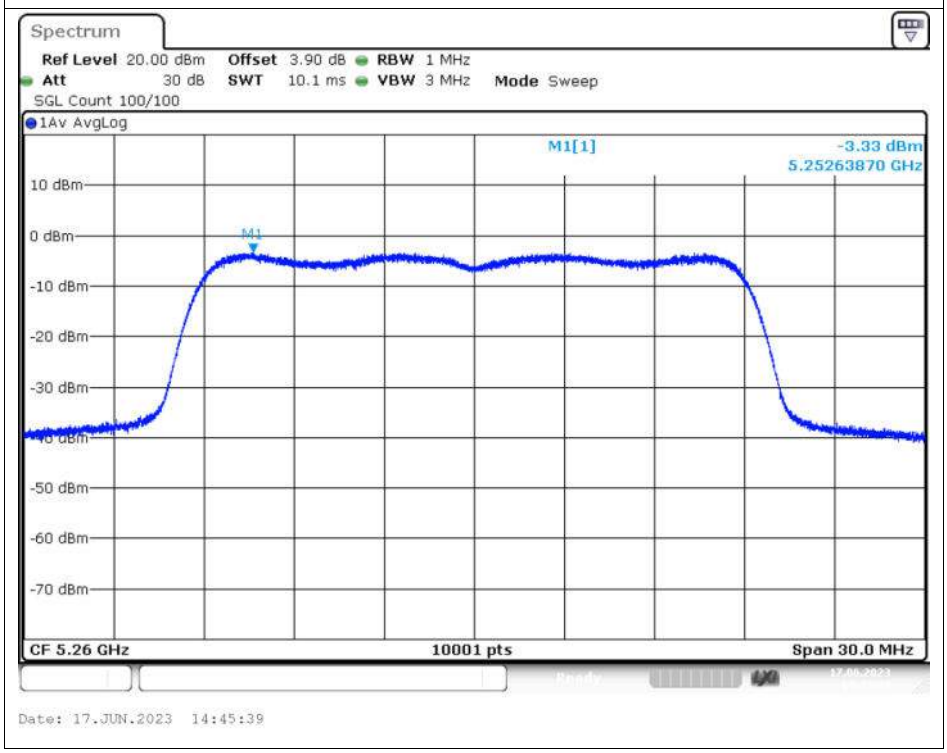


Date: 17.JUN.2023 15:06:15

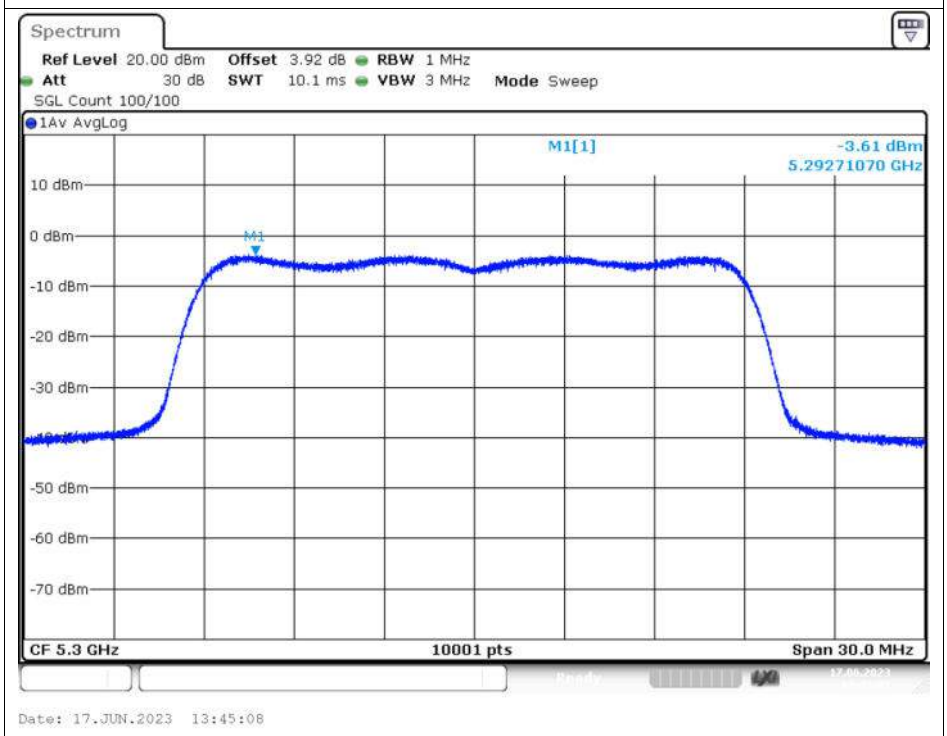
PSD NVNT ac20 5260MHz Ant1



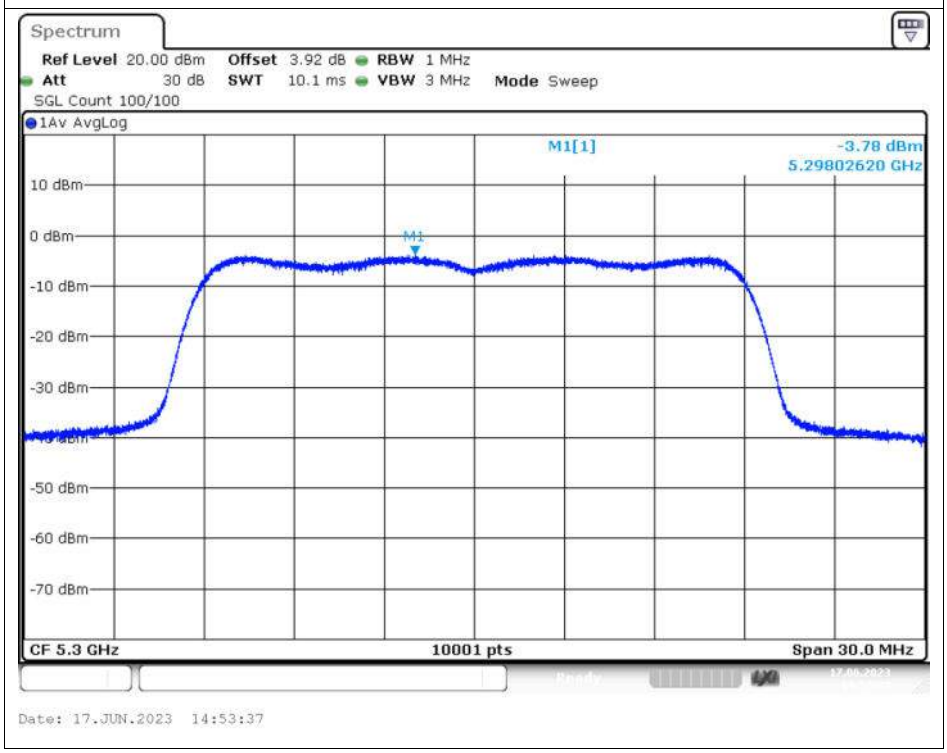
PSD NVNT ac20 5260MHz Ant2



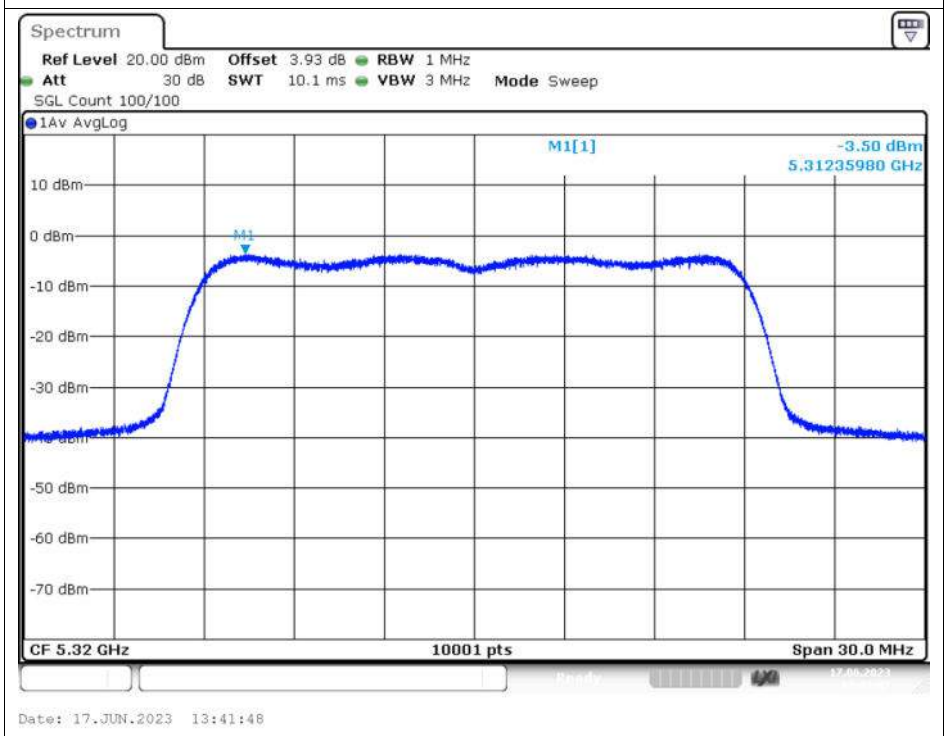
PSD NVNT ac20 5300MHz Ant1



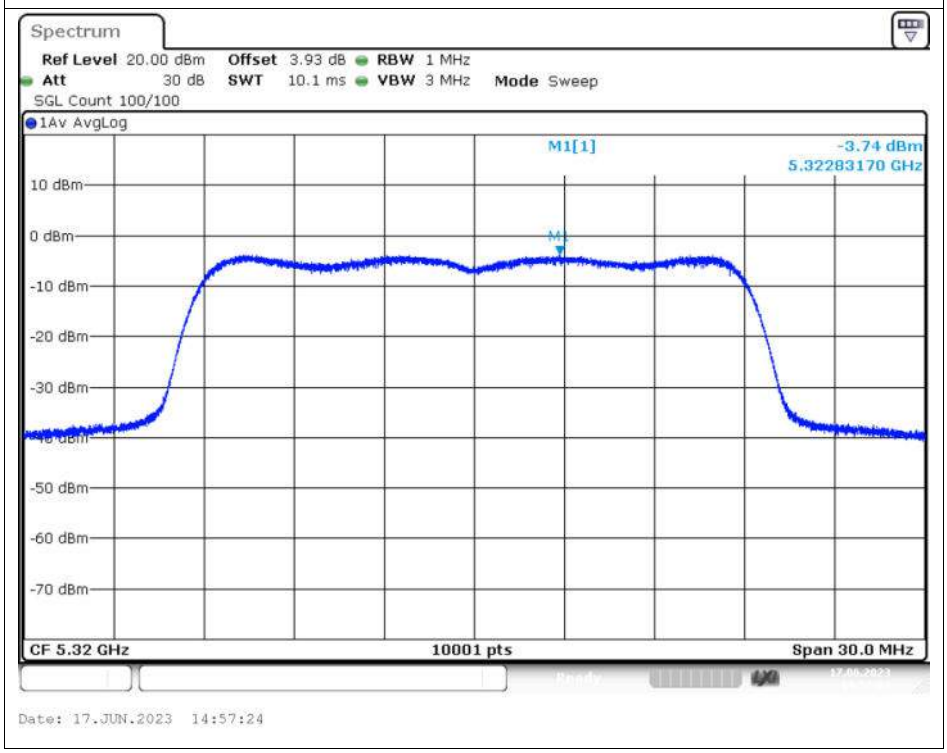
PSD NVNT ac20 5300MHz Ant2



PSD NVNT ac20 5320MHz Ant1



PSD NVNT ac20 5320MHz Ant2



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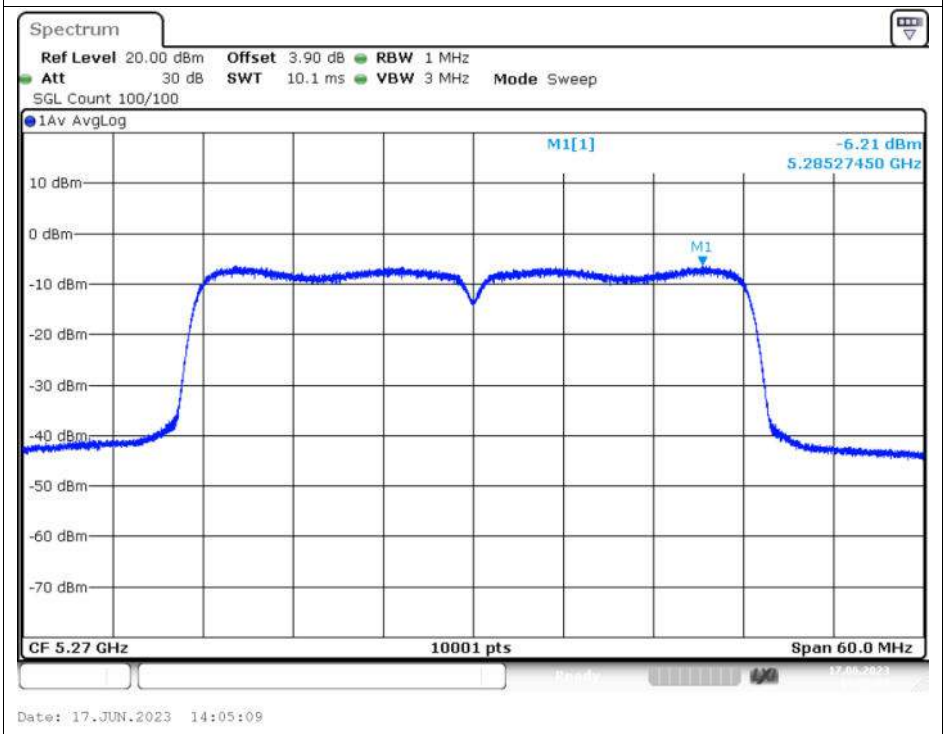
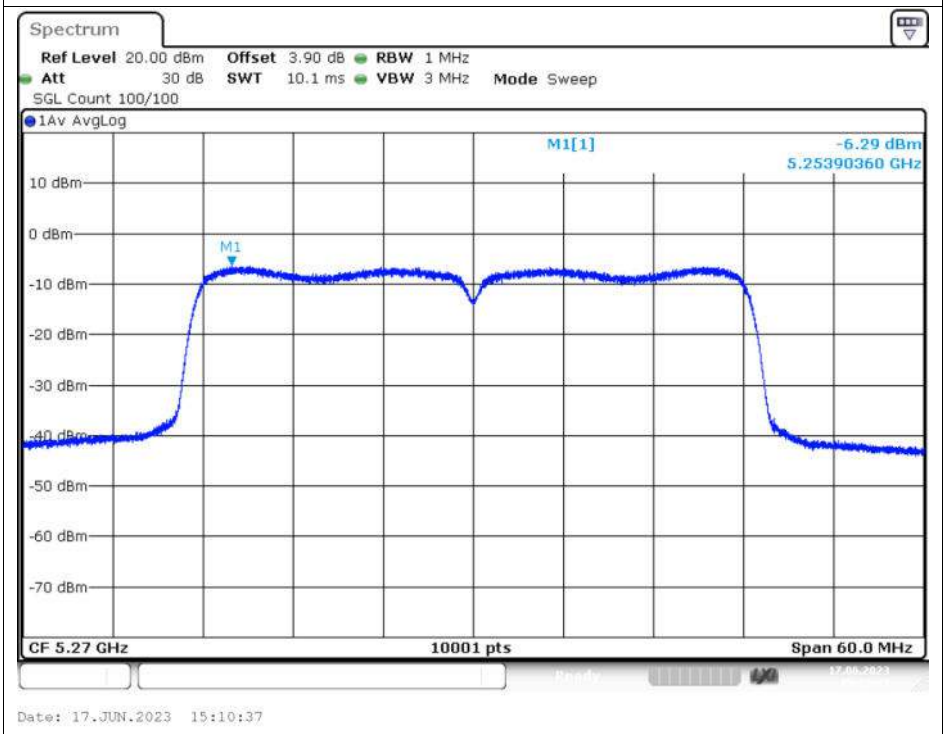
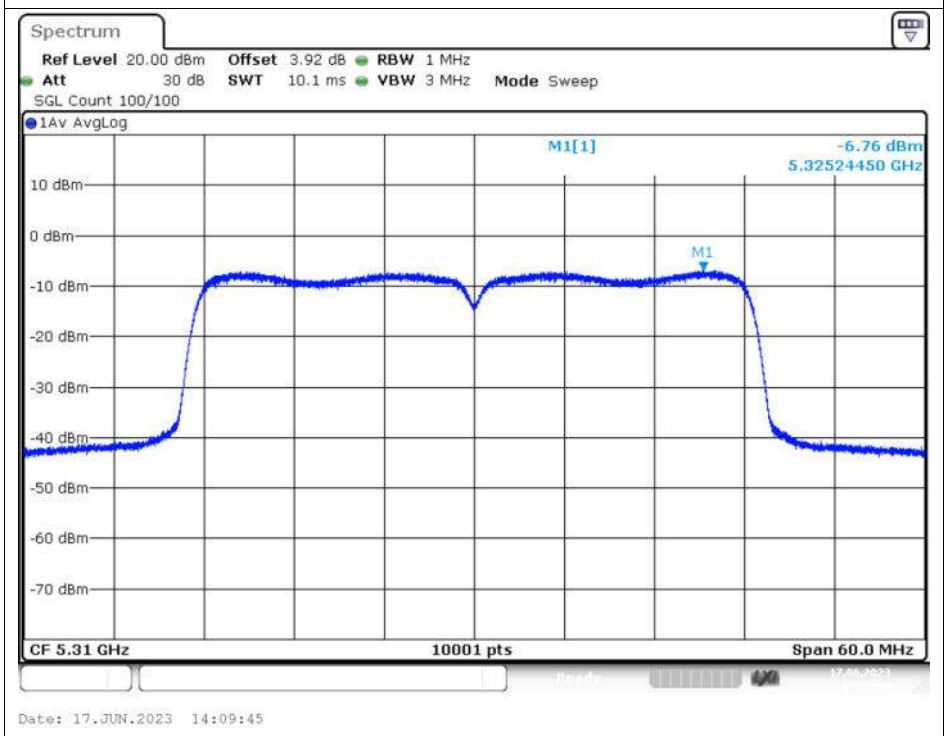


PSD NVNT ac40 5270MHz Ant2



PSD NVNT ac40 5310MHz Ant1



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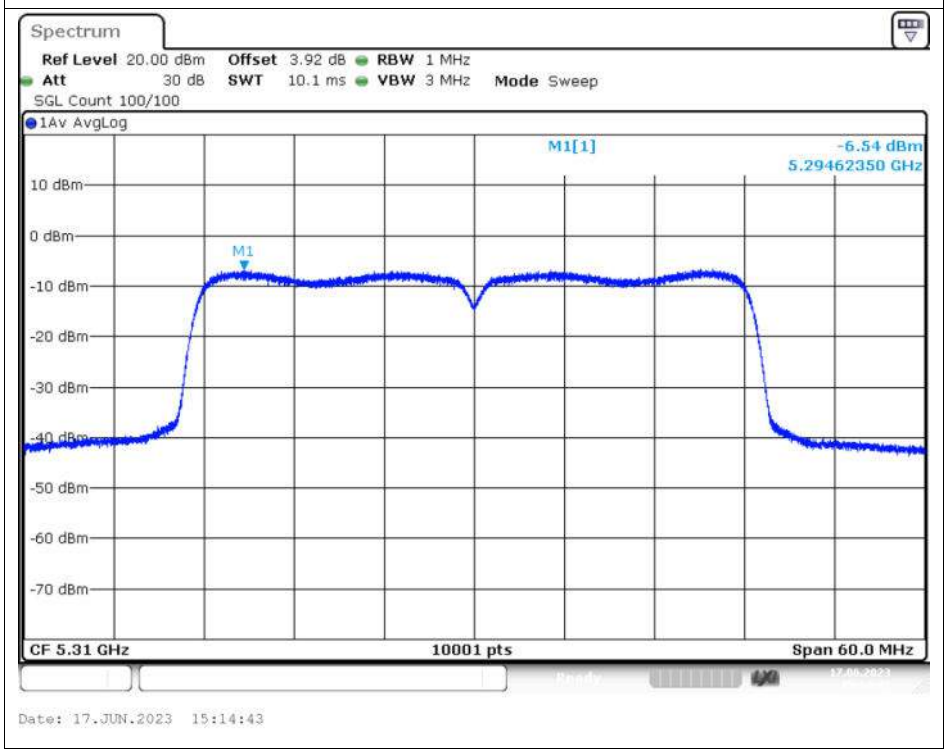
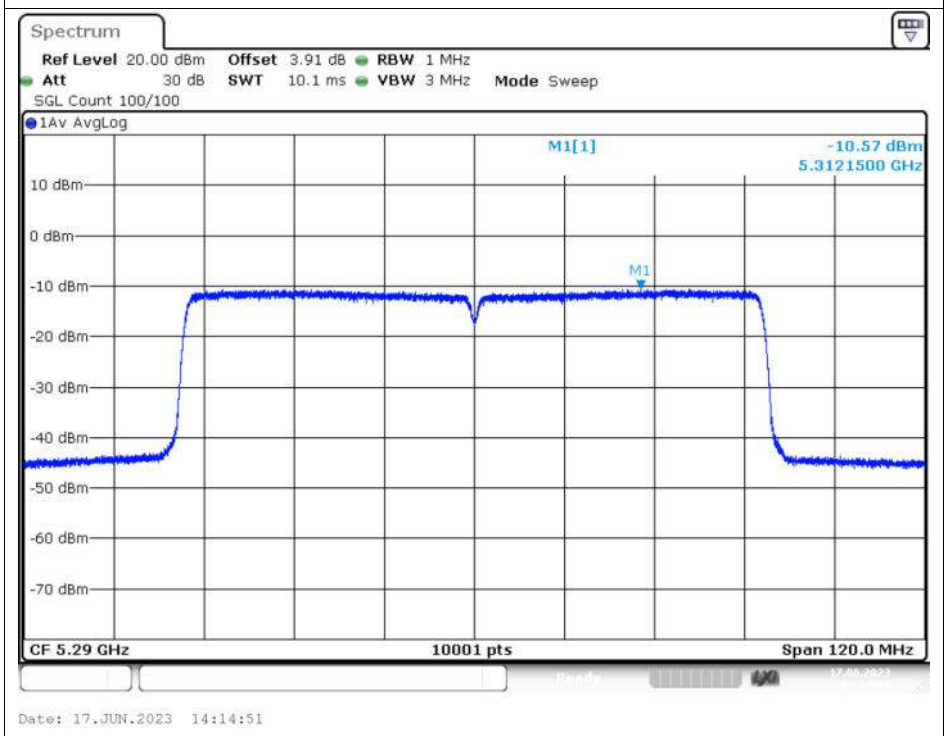


PSD NVNT ac80 5290MHz Ant1



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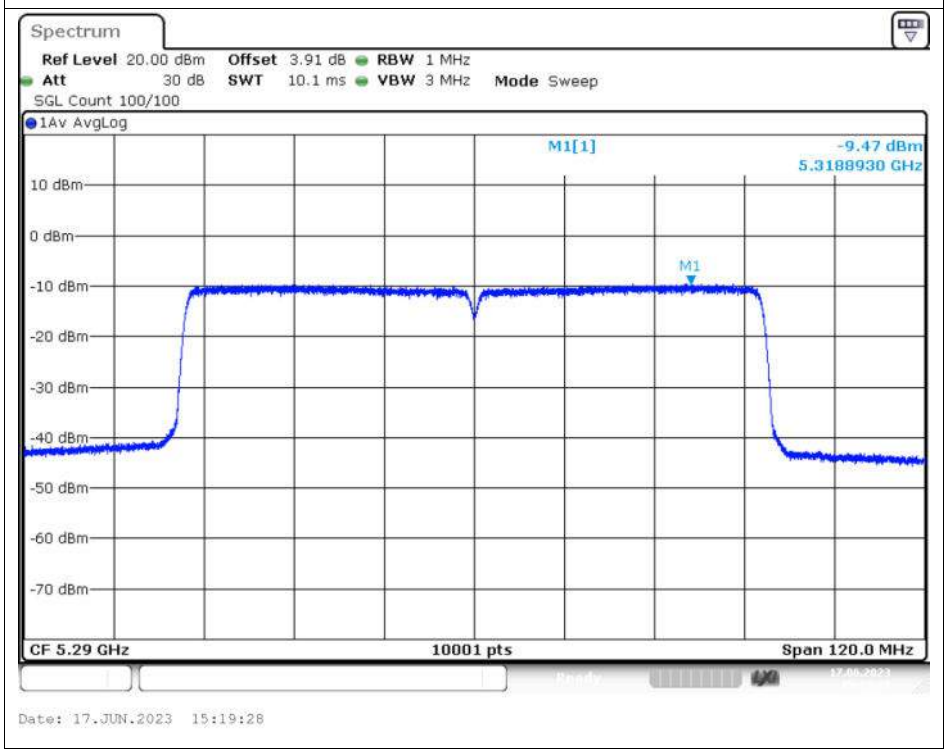

Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 20.4V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 24V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 27.6V	a	0	5260	Ant1	5260	0	0	25	Pass
-20C 24V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 24V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
0C 24V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
10C 24V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
30C 24V	a	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
40C 24V	a	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 24V	a	0	5260	Ant1	5260	0	0	25	Pass
20C 20.4V	a	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
20C 24V	a	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
20C 27.6V	a	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
-20C 24V	a	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
-10C 24V	a	0	5300	Ant1	5299.94	-60000	-11.32	25	Pass
0C 24V	a	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
10C 24V	a	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
30C 24V	a	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
40C 24V	a	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
50C 24V	a	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
20C 20.4V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 24V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 27.6V	a	0	5320	Ant1	5319.94	-60000	-11.28	25	Pass
-20C 24V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-10C 24V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
0C 24V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
10C 24V	a	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
30C 24V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
40C 24V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 24V	a	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
20C 20.4V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 24V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 27.6V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
-20C 24V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
-10C 24V	a	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
0C 24V	a	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
10C 24V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass

30C 24V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
40C 24V	a	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
50C 24V	a	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 20.4V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
20C 24V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
20C 27.6V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
-20C 24V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
-10C 24V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
0C 24V	a	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
10C 24V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
30C 24V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
40C 24V	a	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
50C 24V	a	0	5300	Ant2	5299.94	-60000	-11.32	25	Pass
20C 20.4V	a	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
20C 24V	a	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
20C 27.6V	a	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
-20C 24V	a	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
-10C 24V	a	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
0C 24V	a	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
10C 24V	a	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
30C 24V	a	0	5320	Ant2	5320	0	0	25	Pass
40C 24V	a	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
50C 24V	a	0	5320	Ant2	5319.94	-60000	-11.28	25	Pass
20C 20.4V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
20C 24V	n20	0	5260	Ant1	5259.94	-60000	-11.41	25	Pass
20C 27.6V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
-20C 24V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
-10C 24V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
0C 24V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
10C 24V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
30C 24V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
40C 24V	n20	0	5260	Ant1	5259.96	-40000	-7.6	25	Pass
50C 24V	n20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
20C 20.4V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
20C 24V	n20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
20C 27.6V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
-20C 24V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
-10C 24V	n20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
0C 24V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
10C 24V	n20	0	5300	Ant1	5299.94	-60000	-11.32	25	Pass
30C 24V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass

40C 24V	n20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
50C 24V	n20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
NVNT	n20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
50C 24V	n20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
40C 24V	n20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
30C 24V	n20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
10C 24V	n20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
0C 24V	n20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
-10C 24V	n20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
-20C 24V	n20	0	5320	Ant2	5319.94	-60000	-11.28	25	Pass
20C 27.6V	n20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
20C 24V	n20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
20C 20.4V	n20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
50C 24V	n20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
40C 24V	n20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
30C 24V	n20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
10C 24V	n20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
0C 24V	n20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
-10C 24V	n20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
-20C 24V	n20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
20C 27.6V	n20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
20C 24V	n20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
20C 20.4V	n20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
50C 24V	n20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
40C 24V	n20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
30C 24V	n20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
10C 24V	n20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
0C 24V	n20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
-10C 24V	n20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
-20C 24V	n20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
20C 27.6V	n20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 24V	n20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
20C 20.4V	n20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
20C 20.4V	n40	0	5270	Ant1	5270	0	0	25	Pass
20C 24V	n40	0	5270	Ant1	5270	0	0	25	Pass
20C 27.6V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
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10C 24V	n40	0	5270	Ant1	5269.92	-80000	-15.18	25	Pass
30C 24V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass

40C 24V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
50C 24V	n40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 20.4V	n40	0	5310	Ant1	5310	0	0	25	Pass
20C 24V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 27.6V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 24V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
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0C 24V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
10C 24V	n40	0	5310	Ant1	5310	0	0	25	Pass
30C 24V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
40C 24V	n40	0	5310	Ant1	5310	0	0	25	Pass
50C 24V	n40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
20C 20.4V	n40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
20C 24V	n40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
20C 27.6V	n40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
-20C 24V	n40	0	5270	Ant2	5269.92	-80000	-15.18	25	Pass
-10C 24V	n40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
0C 24V	n40	0	5270	Ant2	5270	0	0	25	Pass
10C 24V	n40	0	5270	Ant2	5270	0	0	25	Pass
30C 24V	n40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
40C 24V	n40	0	5270	Ant2	5269.92	-80000	-15.18	25	Pass
50C 24V	n40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
20C 20.4V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
20C 24V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
20C 27.6V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
-20C 24V	n40	0	5310	Ant2	5310	0	0	25	Pass
-10C 24V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
0C 24V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
10C 24V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
30C 24V	n40	0	5310	Ant2	5310	0	0	25	Pass
40C 24V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
50C 24V	n40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
NVNT	ac20	0	5260	Ant1	5259.98	-20000	-3.8	25	Pass
50C 24V	ac20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
40C 24V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
30C 24V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
10C 24V	ac20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
0C 24V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
-10C 24V	ac20	0	5320	Ant2	5319.98	-20000	-3.76	25	Pass
-20C 24V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
20C 27.6V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass

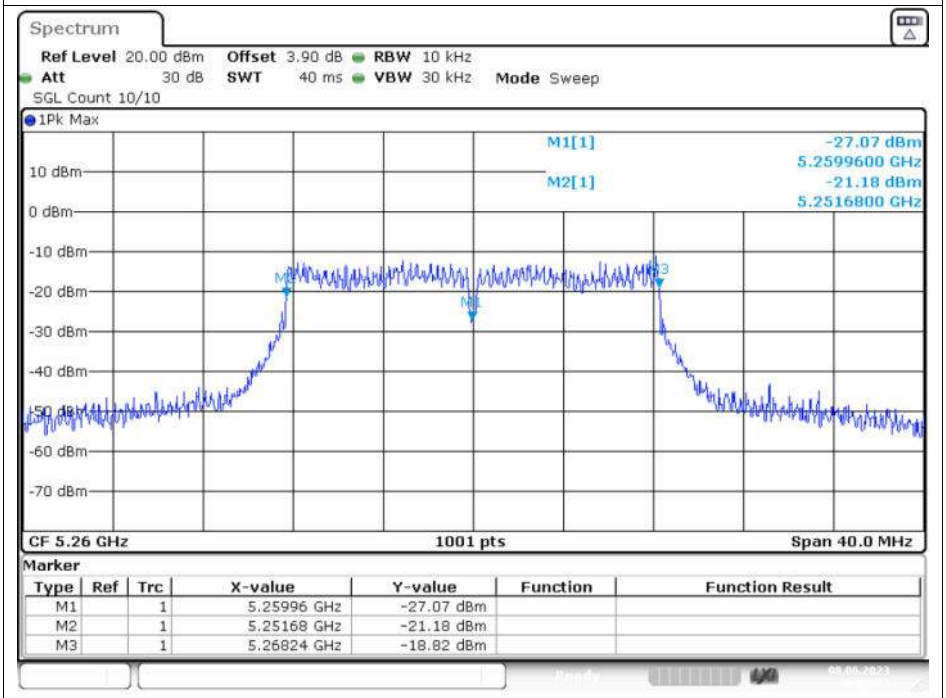
20C 24V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
20C 20.4V	ac20	0	5320	Ant2	5319.96	-40000	-7.52	25	Pass
50C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
40C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
30C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
10C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
0C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
-10C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
-20C 24V	ac20	0	5300	Ant2	5299.96	-40000	-7.55	25	Pass
20C 27.6V	ac20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
20C 24V	ac20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
20C 20.4V	ac20	0	5300	Ant2	5299.98	-20000	-3.77	25	Pass
50C 24V	ac20	0	5260	Ant2	5259.94	-60000	-11.41	25	Pass
40C 24V	ac20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
30C 24V	ac20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
10C 24V	ac20	0	5260	Ant2	5259.98	-20000	-3.8	25	Pass
0C 24V	ac20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
-10C 24V	ac20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
-20C 24V	ac20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 27.6V	ac20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 24V	ac20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
20C 20.4V	ac20	0	5260	Ant2	5259.96	-40000	-7.6	25	Pass
50C 24V	ac20	0	5320	Ant1	5320	0	0	25	Pass
40C 24V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
30C 24V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
10C 24V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
0C 24V	ac20	0	5320	Ant1	5319.96	-40000	-7.52	25	Pass
-10C 24V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
-20C 24V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 27.6V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 24V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
20C 20.4V	ac20	0	5320	Ant1	5319.98	-20000	-3.76	25	Pass
50C 24V	ac20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
40C 24V	ac20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
30C 24V	ac20	0	5300	Ant1	5299.94	-60000	-11.32	25	Pass
10C 24V	ac20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
0C 24V	ac20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
-10C 24V	ac20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
-20C 24V	ac20	0	5300	Ant1	5299.96	-40000	-7.55	25	Pass
20C 27.6V	ac20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
20C 24V	ac20	0	5300	Ant1	5299.94	-60000	-11.32	25	Pass

20C 20.4V	ac20	0	5300	Ant1	5299.98	-20000	-3.77	25	Pass
20C 20.4V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
20C 24V	ac40	0	5270	Ant1	5270	0	0	25	Pass
20C 27.6V	ac40	0	5270	Ant1	5270	0	0	25	Pass
-20C 24V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
-10C 24V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
0C 24V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
10C 24V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
30C 24V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
40C 24V	ac40	0	5270	Ant1	5269.96	-40000	-7.59	25	Pass
50C 24V	ac40	0	5270	Ant1	5270	0	0	25	Pass
20C 20.4V	ac40	0	5310	Ant1	5310	0	0	25	Pass
20C 24V	ac40	0	5310	Ant1	5310	0	0	25	Pass
20C 27.6V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-20C 24V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
-10C 24V	ac40	0	5310	Ant1	5310	0	0	25	Pass
0C 24V	ac40	0	5310	Ant1	5310	0	0	25	Pass
10C 24V	ac40	0	5310	Ant1	5309.96	-40000	-7.53	25	Pass
30C 24V	ac40	0	5310	Ant1	5310	0	0	25	Pass
40C 24V	ac40	0	5310	Ant1	5310	0	0	25	Pass
50C 24V	ac40	0	5310	Ant1	5310	0	0	25	Pass
20C 20.4V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
20C 24V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
20C 27.6V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
-20C 24V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
-10C 24V	ac40	0	5270	Ant2	5270	0	0	25	Pass
0C 24V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
10C 24V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
30C 24V	ac40	0	5270	Ant2	5270	0	0	25	Pass
40C 24V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
50C 24V	ac40	0	5270	Ant2	5269.96	-40000	-7.59	25	Pass
20C 20.4V	ac40	0	5310	Ant2	5310	0	0	25	Pass
20C 24V	ac40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
20C 27.6V	ac40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
-20C 24V	ac40	0	5310	Ant2	5309.92	-80000	-15.07	25	Pass
-10C 24V	ac40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
0C 24V	ac40	0	5310	Ant2	5310	0	0	25	Pass
10C 24V	ac40	0	5310	Ant2	5310	0	0	25	Pass
30C 24V	ac40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass
40C 24V	ac40	0	5310	Ant2	5310	0	0	25	Pass
50C 24V	ac40	0	5310	Ant2	5309.96	-40000	-7.53	25	Pass

20C 20.4V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
20C 24V	ac80	0	5290	Ant1	5290	0	0	25	Pass
20C 27.6V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
-20C 24V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
-10C 24V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
0C 24V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
10C 24V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
30C 24V	ac80	0	5290	Ant1	5290	0	0	25	Pass
40C 24V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
50C 24V	ac80	0	5290	Ant1	5289.92	-80000	-15.12	25	Pass
20C 20.4V	ac80	0	5290	Ant2	5289.92	-80000	-15.12	25	Pass
20C 24V	ac80	0	5290	Ant2	5289.92	-80000	-15.12	25	Pass
20C 27.6V	ac80	0	5290	Ant2	5289.92	-80000	-15.12	25	Pass
-20C 24V	ac80	0	5290	Ant2	5290	0	0	25	Pass
-10C 24V	ac80	0	5290	Ant2	5290	0	0	25	Pass
0C 24V	ac80	0	5290	Ant2	5289.92	-80000	-15.12	25	Pass
10C 24V	ac80	0	5290	Ant2	5290	0	0	25	Pass
30C 24V	ac80	0	5290	Ant2	5289.92	-80000	-15.12	25	Pass
40C 24V	ac80	0	5290	Ant2	5290	0	0	25	Pass
50C 24V	ac80	0	5290	Ant2	5289.92	-80000	-15.12	25	Pass

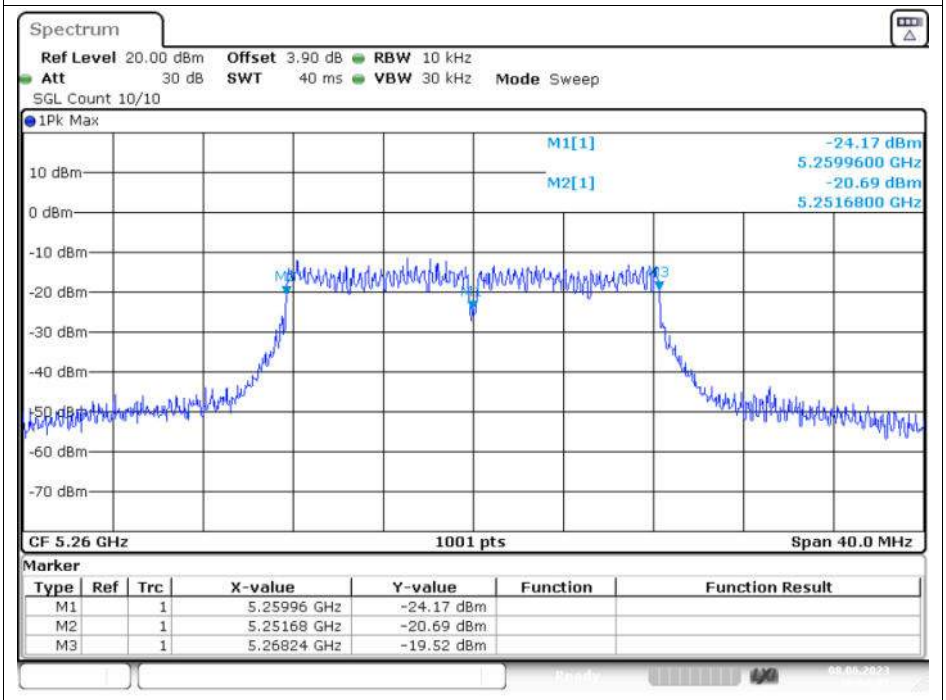
Test Graphs

Freq. Stability 20C 20.4V a 5260MHz Ant1 0 Minutes



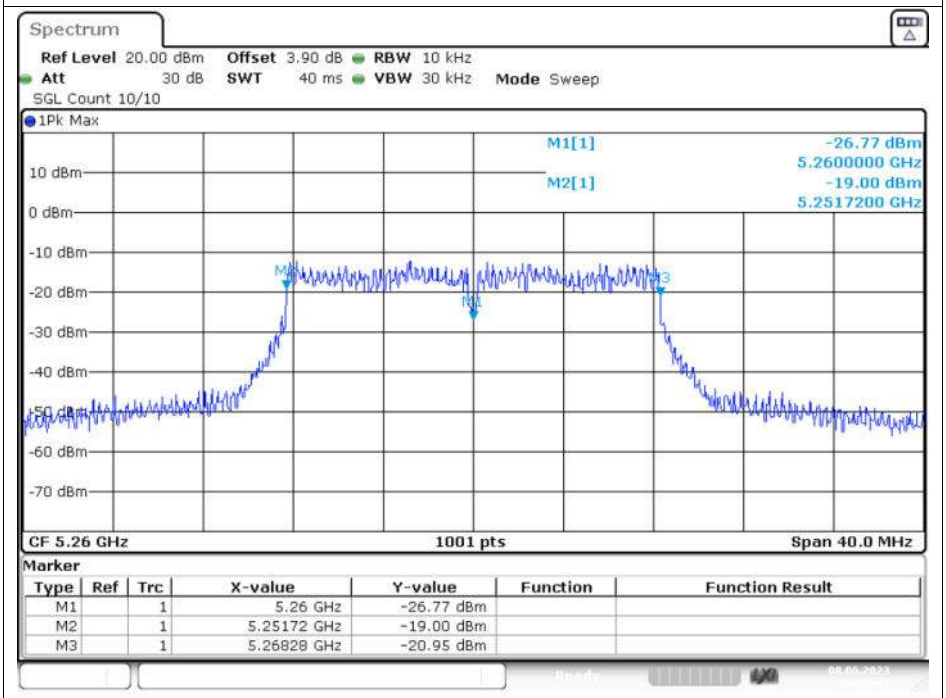
Date: 8.JUN.2023 10:03:30

Freq. Stability 20C 24V a 5260MHz Ant1 0 Minutes



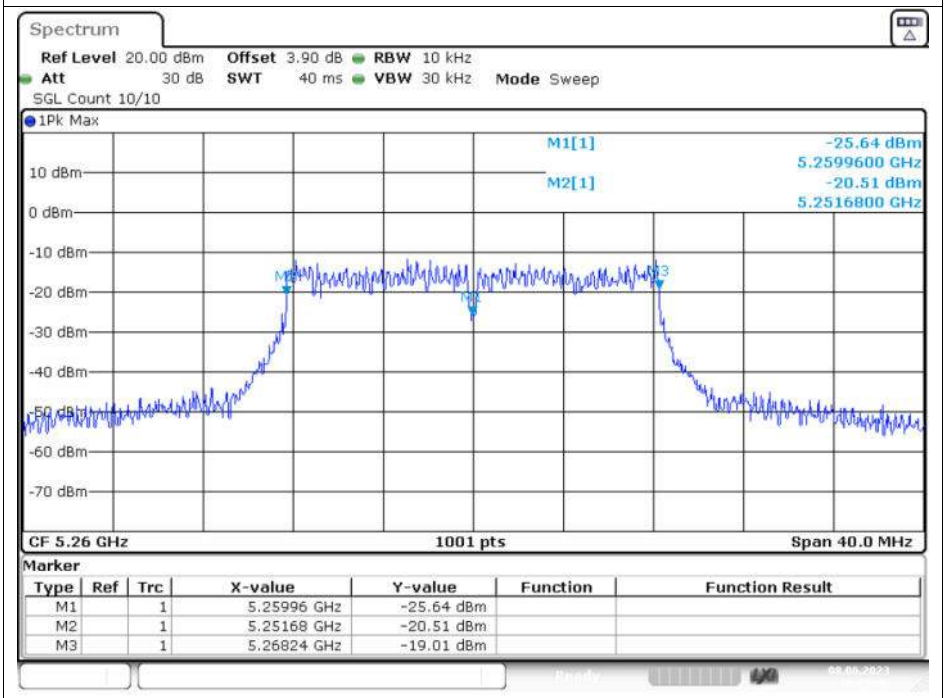
Date: 8.JUN.2023 10:04:06

Freq. Stability 20C 27.6V a 5260MHz Ant1 0 Minutes



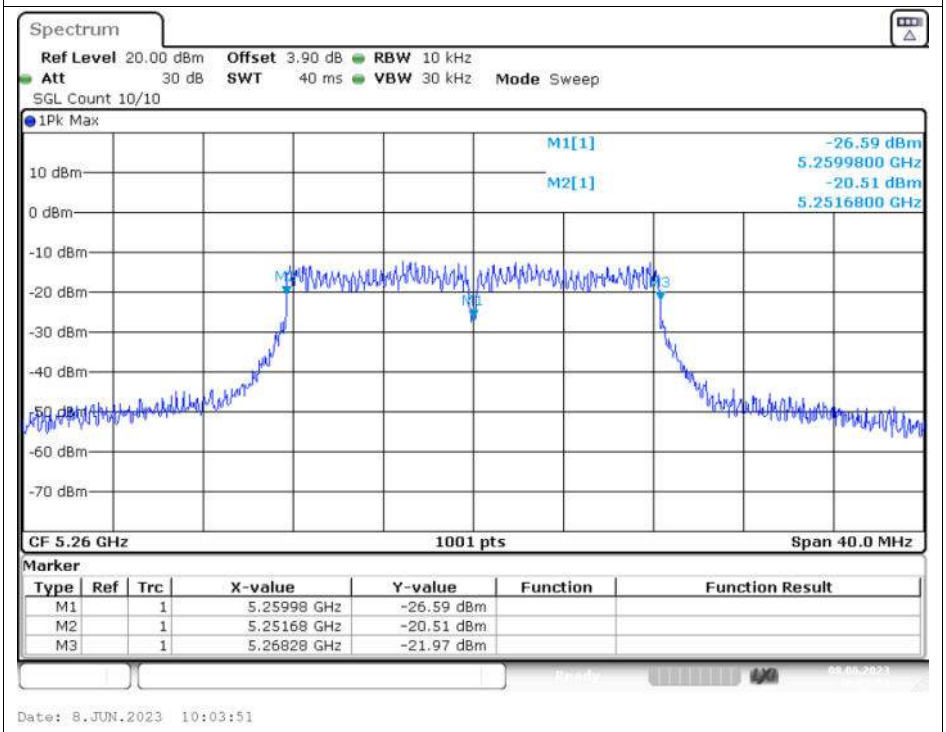
Date: 8.JUN.2023 10:03:40

Freq. Stability -20C 24V a 5260MHz Ant1 0 Minutes

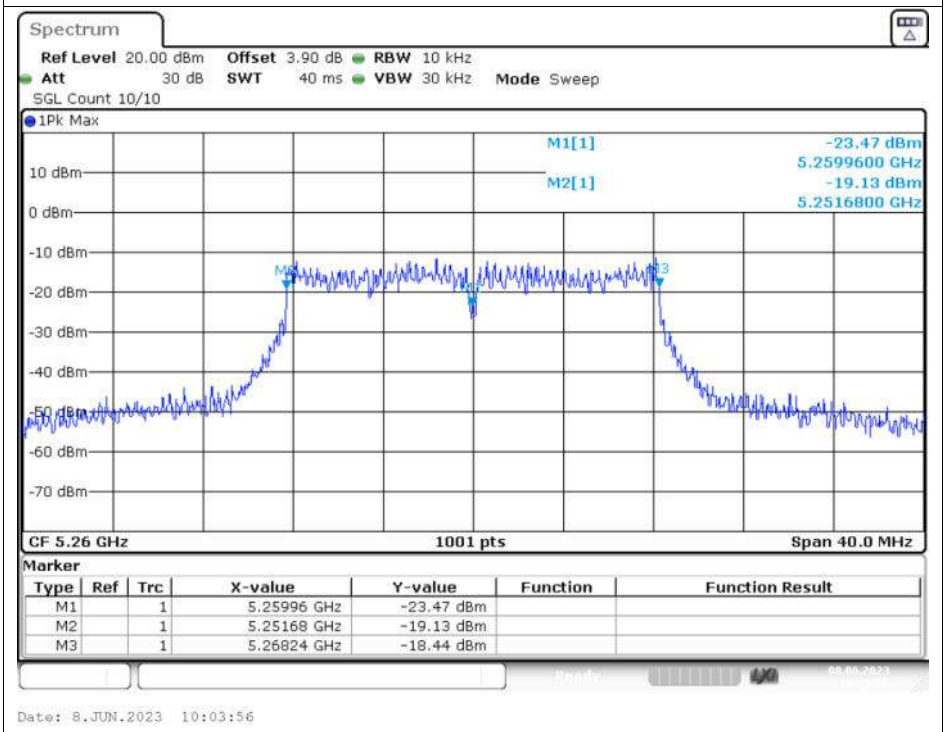


Date: 8.JUN.2023 10:03:46

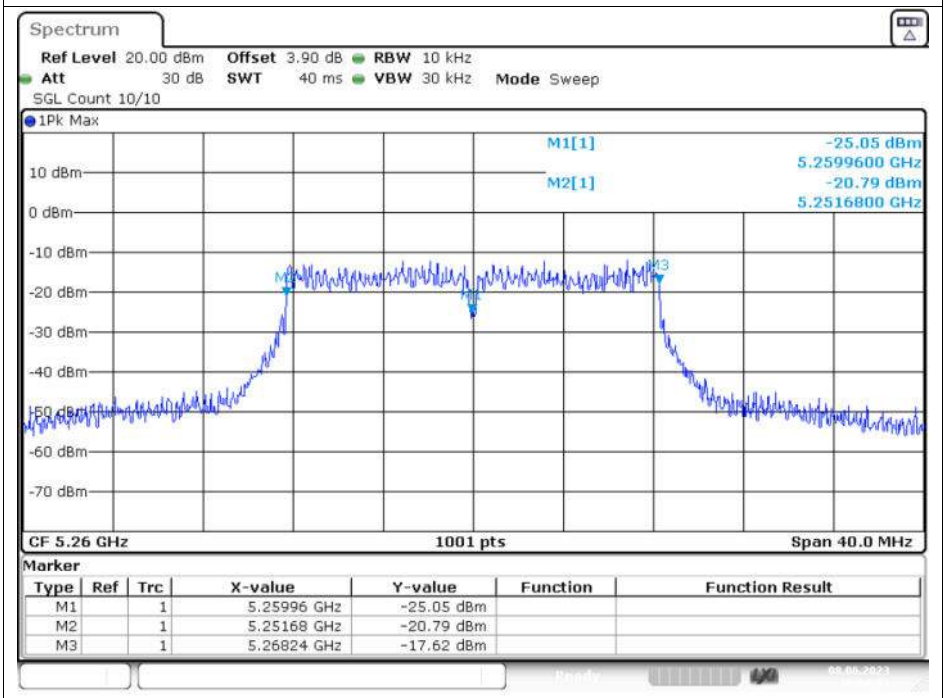
Freq. Stability -10C 24V a 5260MHz Ant1 0 Minutes



Freq. Stability 0C 24V a 5260MHz Ant1 0 Minutes

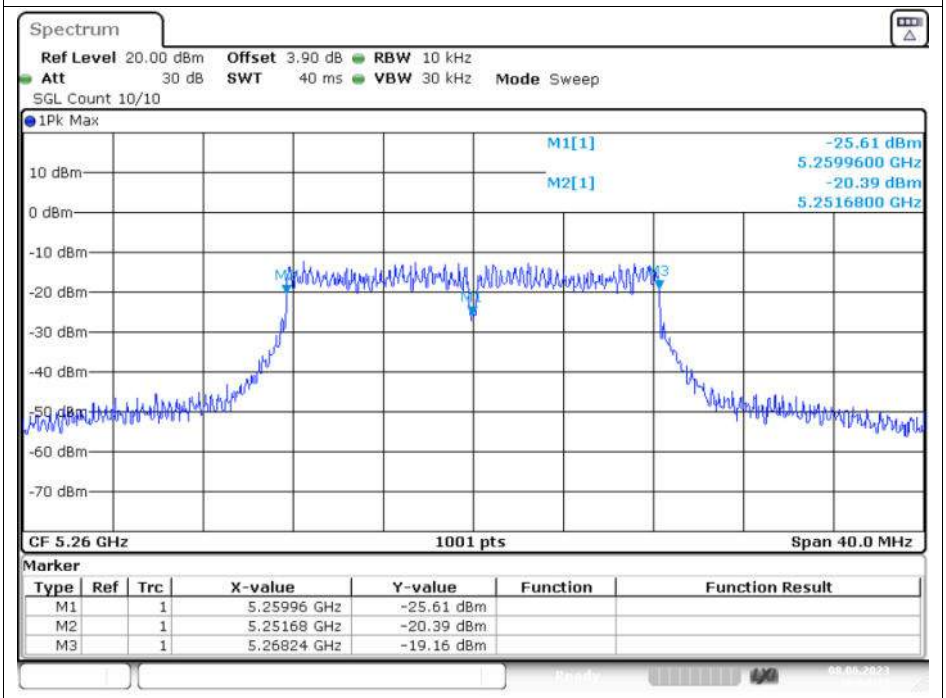


Freq. Stability 10C 24V a 5260MHz Ant1 0 Minutes



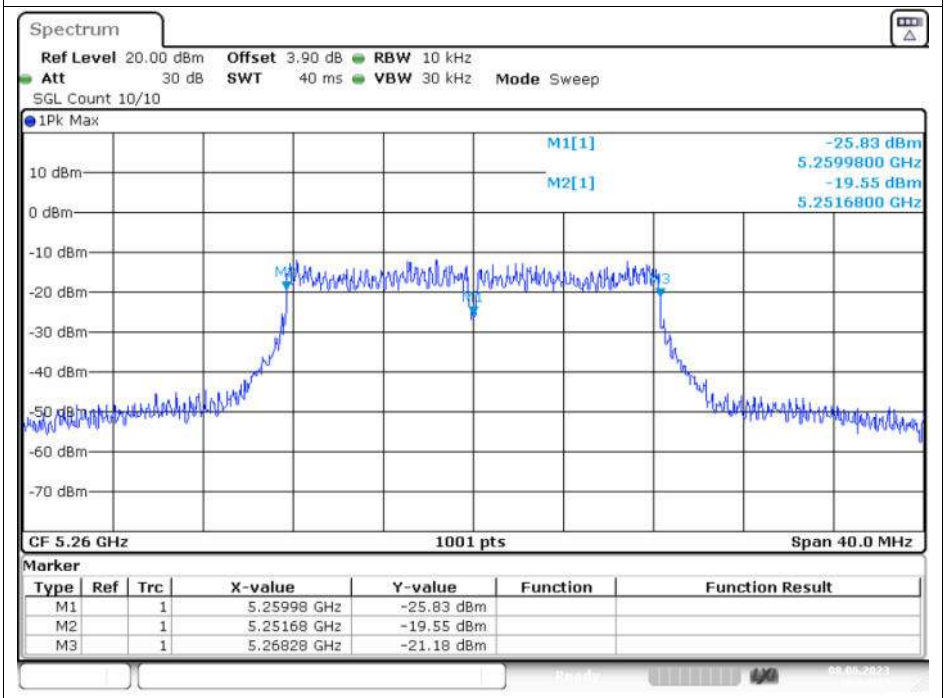
Date: 8.JUN.2023 10:04:01

Freq. Stability 30C 24V a 5260MHz Ant1 0 Minutes



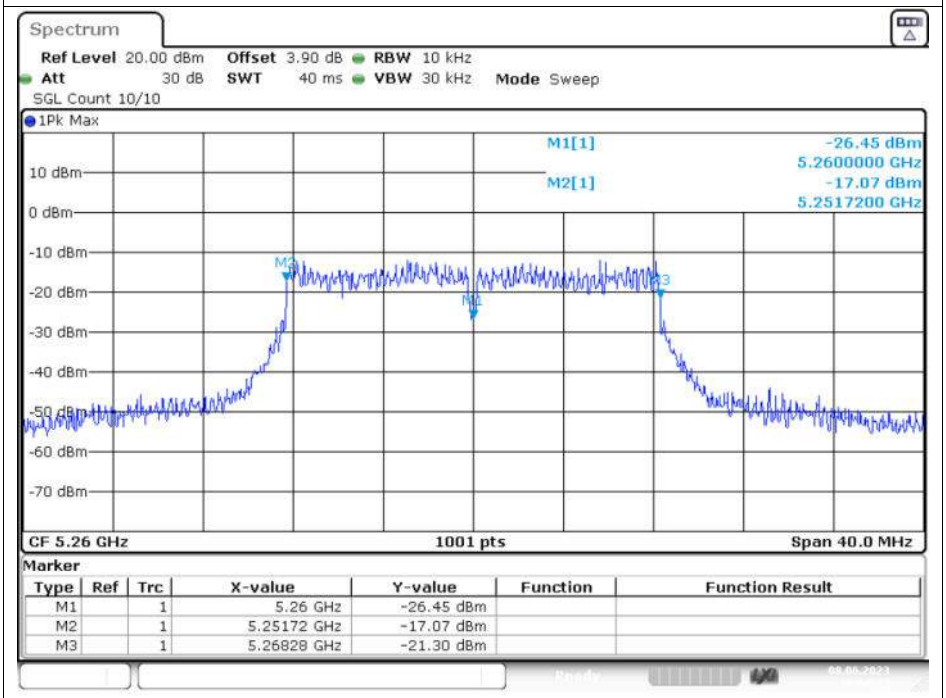
Date: 8.JUN.2023 10:04:12

Freq. Stability 40C 24V a 5260MHz Ant1 0 Minutes



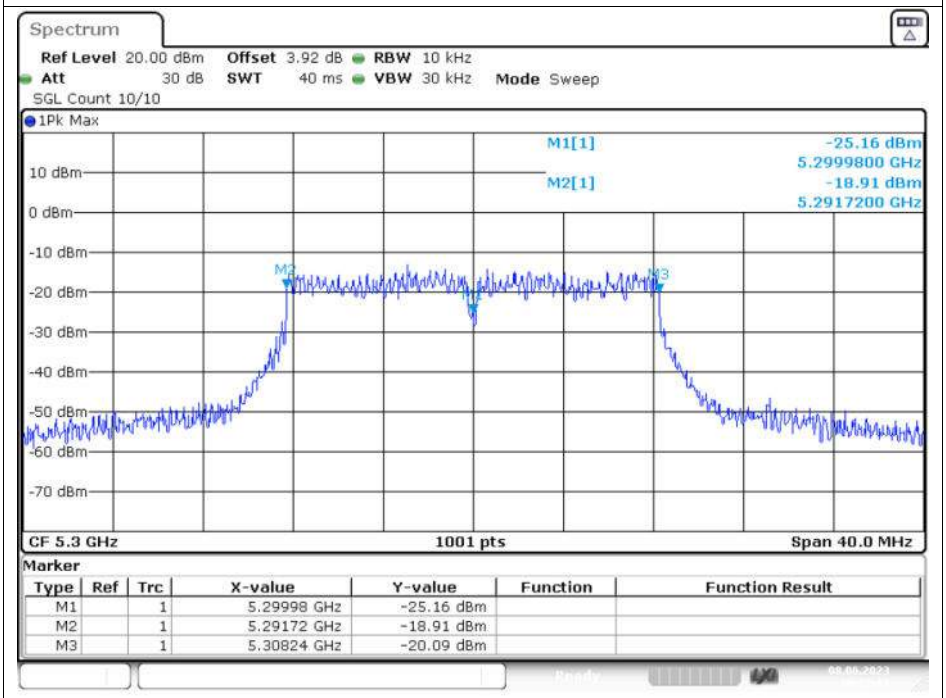
Date: 8.JUN.2023 10:04:17

Freq. Stability 50C 24V a 5260MHz Ant1 0 Minutes



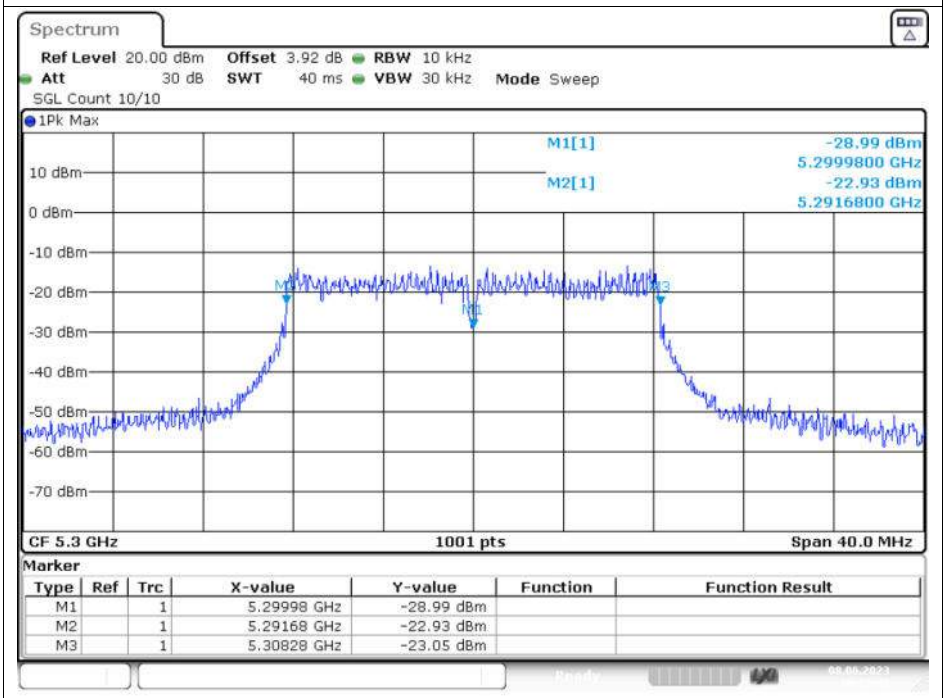
Date: 8.JUN.2023 10:04:22

Freq. Stability 20C 20.4V a 5300MHz Ant1 0 Minutes



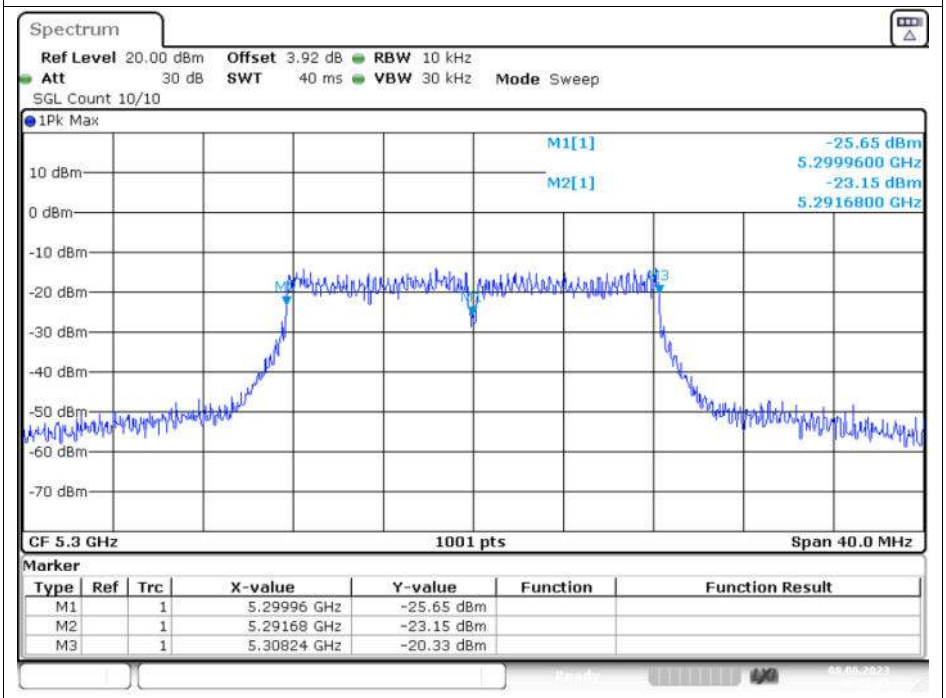
Date: 8.JUN.2023 10:12:11

Freq. Stability 20C 24V a 5300MHz Ant1 0 Minutes



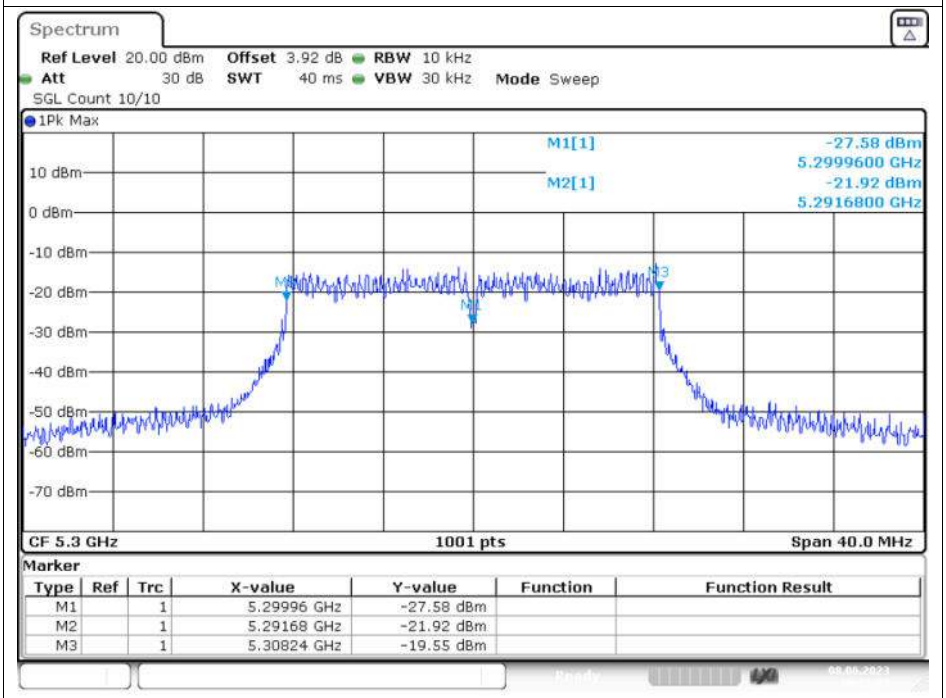
Date: 8.JUN.2023 10:12:47

Freq. Stability 20C 27.6V a 5300MHz Ant1 0 Minutes



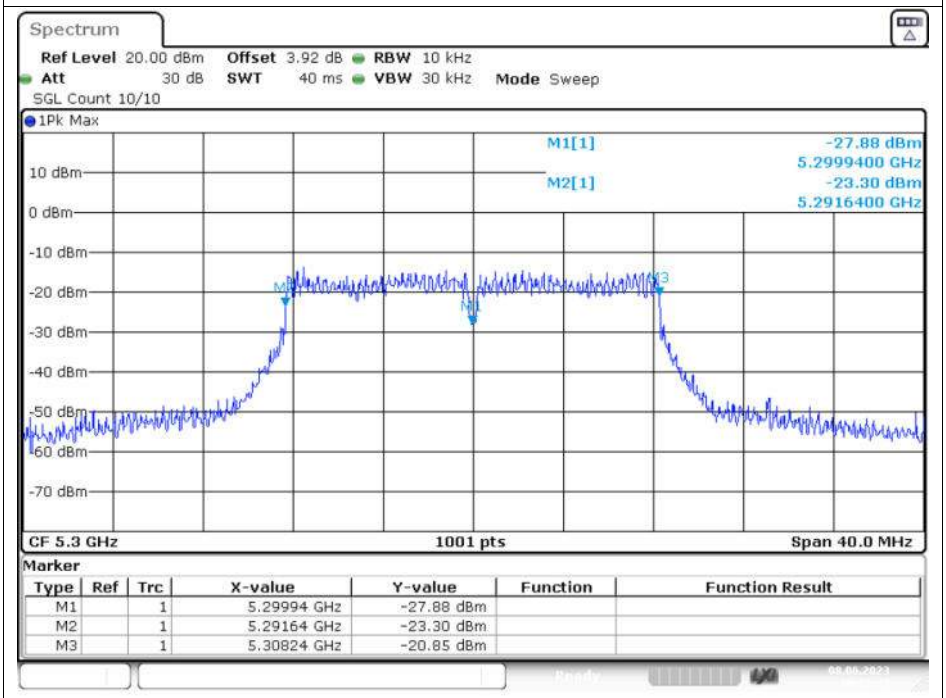
Date: 8.JUN.2023 10:12:21

Freq. Stability -20C 24V a 5300MHz Ant1 0 Minutes



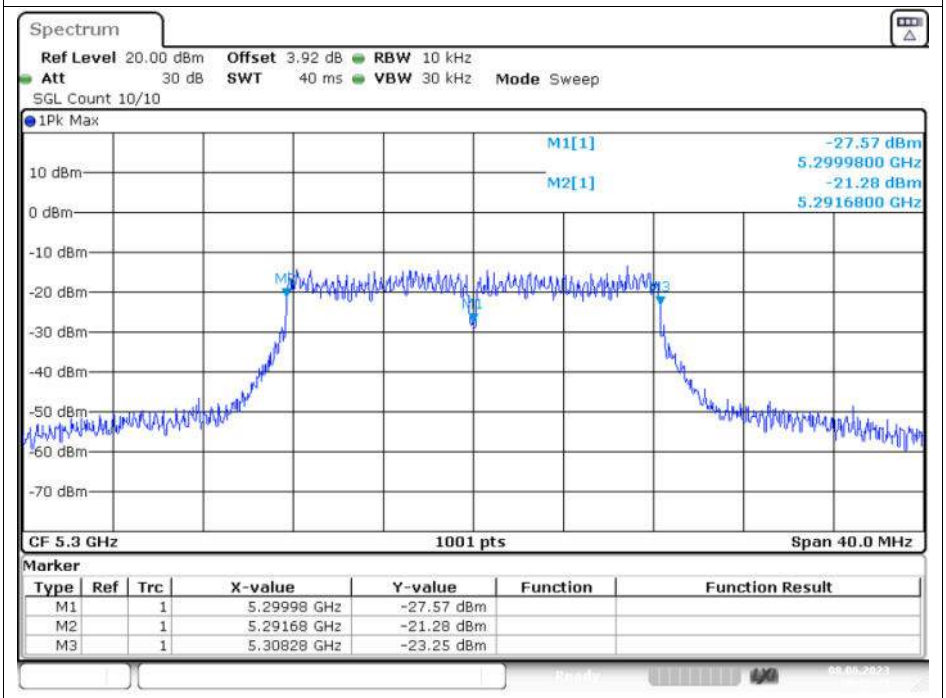
Date: 8.JUN.2023 10:12:26

Freq. Stability -10C 24V a 5300MHz Ant1 0 Minutes



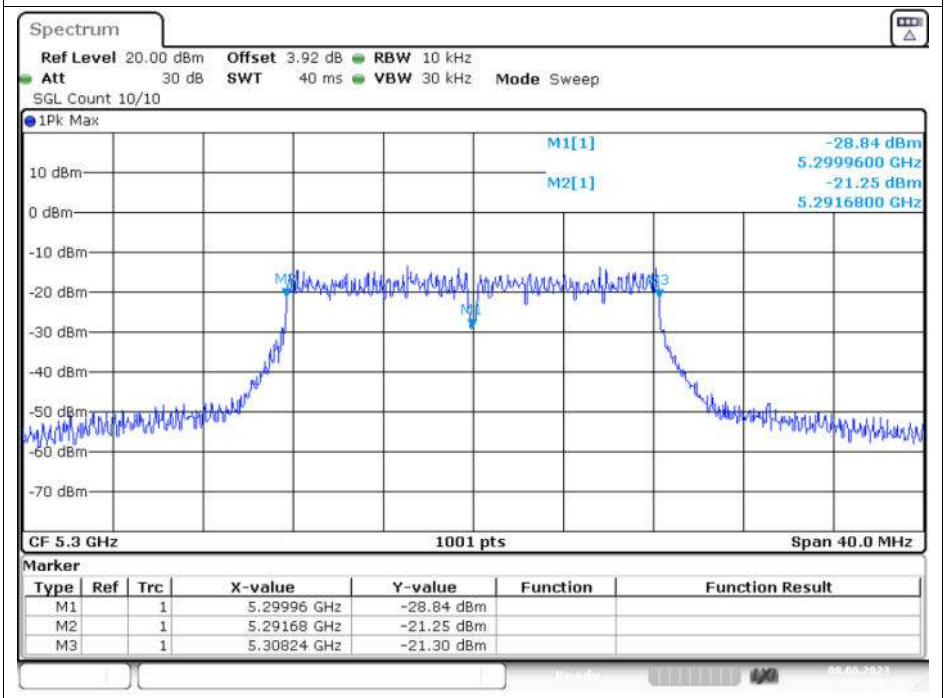
Date: 8.JUN.2023 10:12:31

Freq. Stability 0C 24V a 5300MHz Ant1 0 Minutes



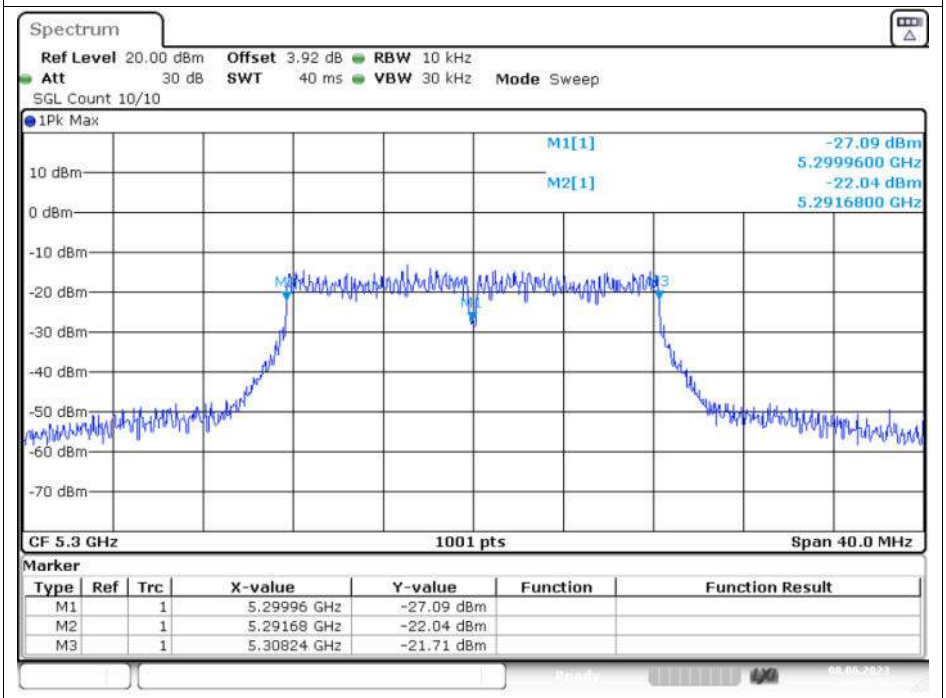
Date: 8.JUN.2023 10:12:37

Freq. Stability 10C 24V a 5300MHz Ant1 0 Minutes



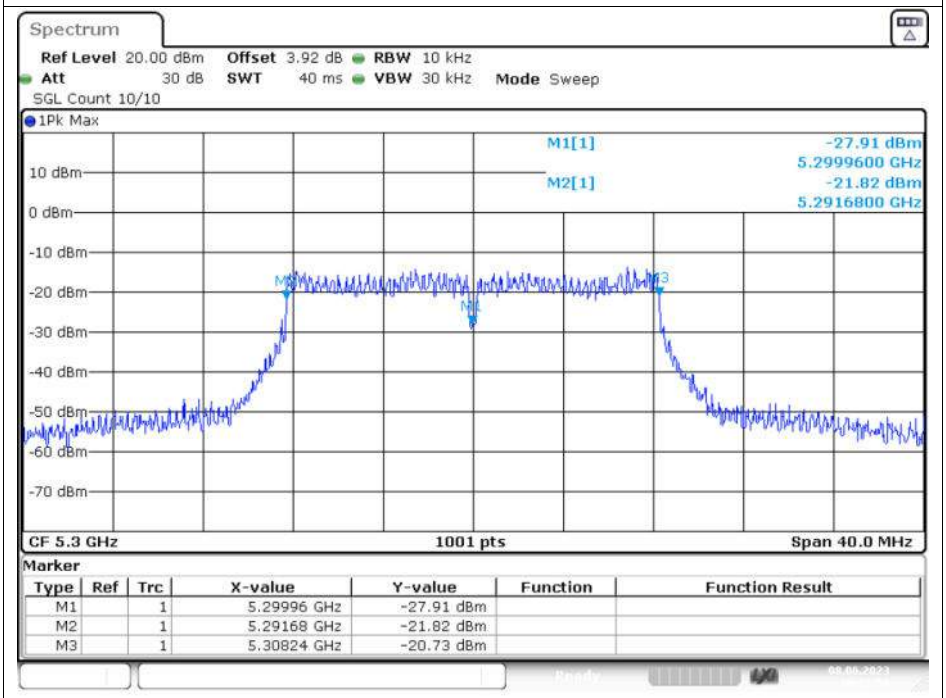
Date: 8.JUN.2023 10:12:42

Freq. Stability 30C 24V a 5300MHz Ant1 0 Minutes



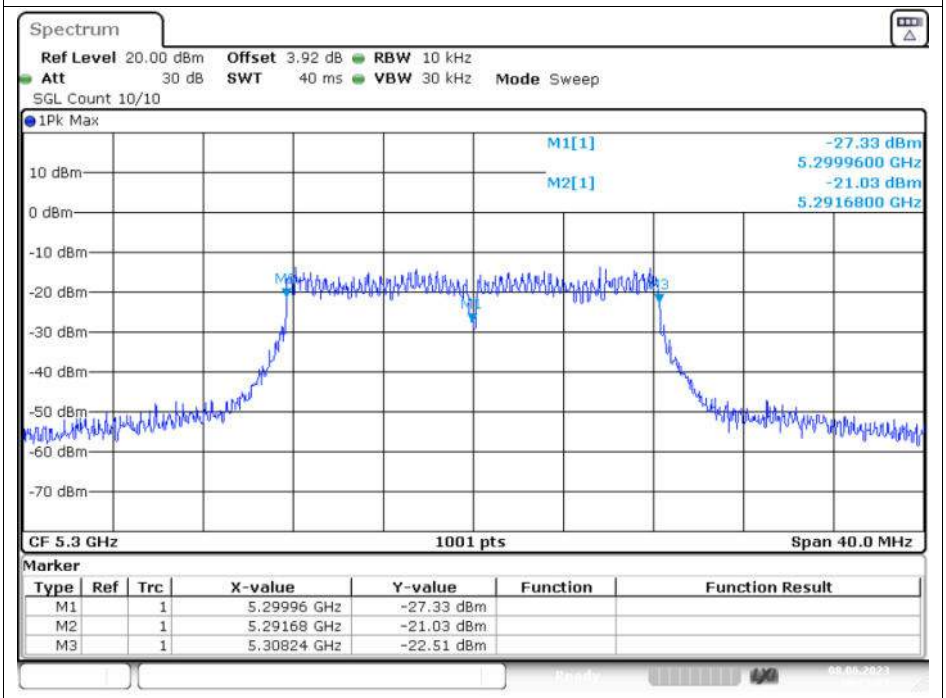
Date: 8.JUN.2023 10:12:52

Freq. Stability 40C 24V a 5300MHz Ant1 0 Minutes



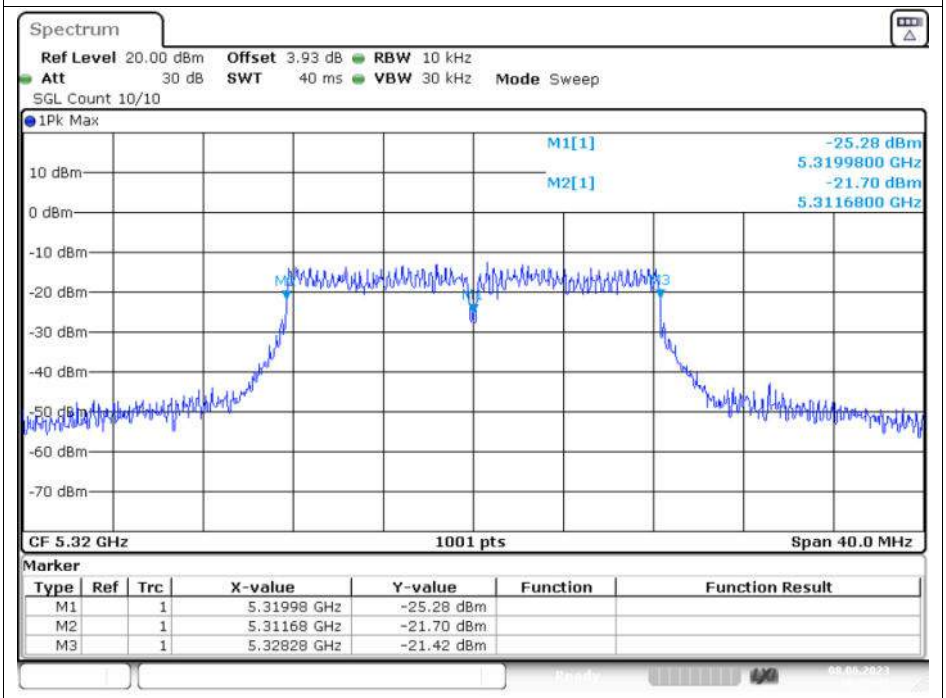
Date: 8.JUN.2023 10:12:58

Freq. Stability 50C 24V a 5300MHz Ant1 0 Minutes



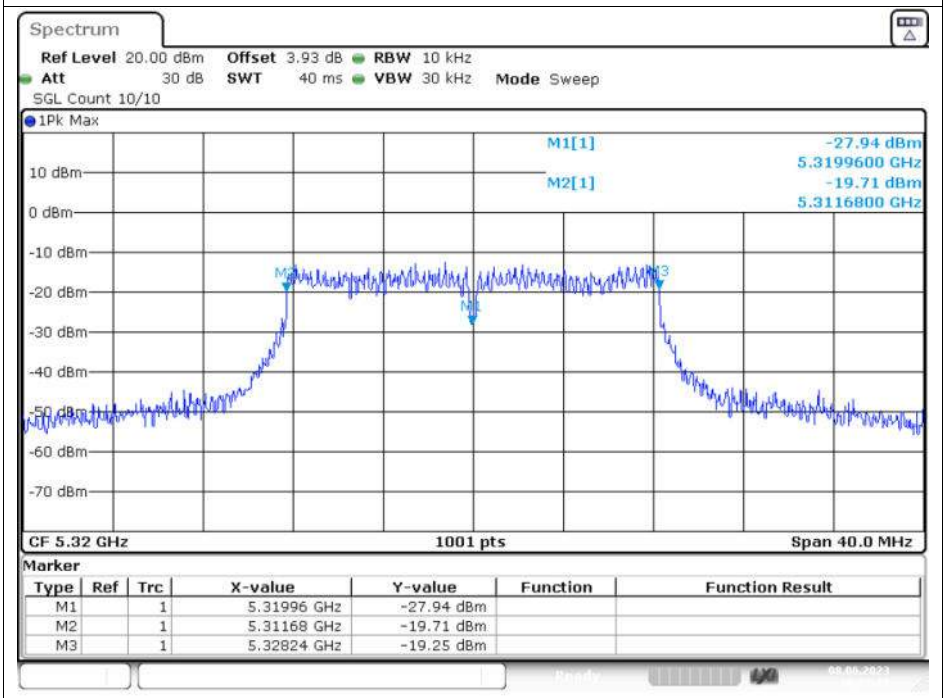
Date: 8.JUN.2023 10:13:03

Freq. Stability 20C 20.4V a 5320MHz Ant1 0 Minutes



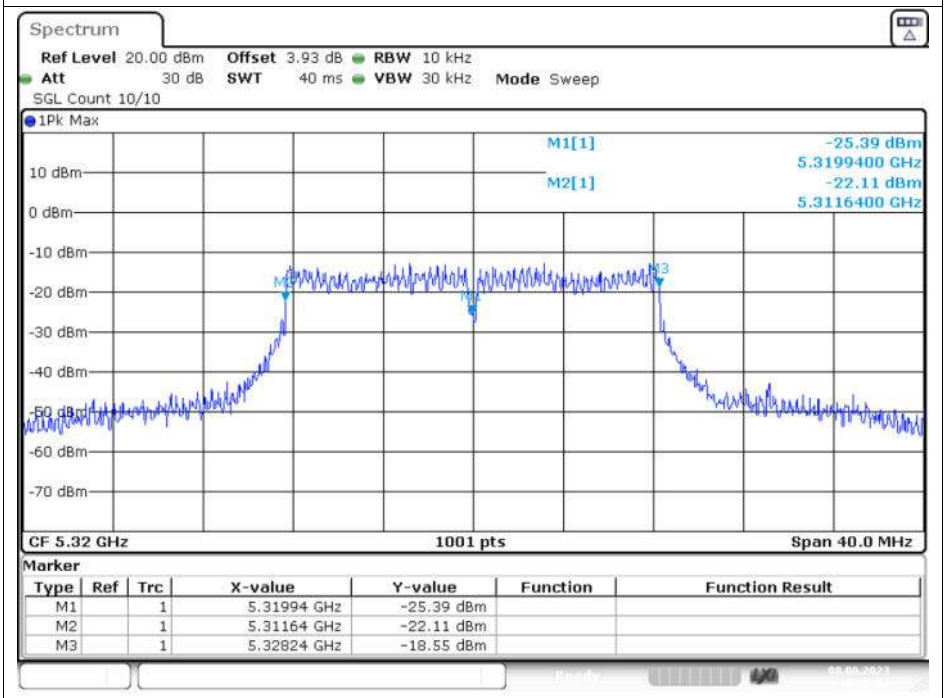
Date: 8.JUN.2023 10:26:43

Freq. Stability 20C 24V a 5320MHz Ant1 0 Minutes



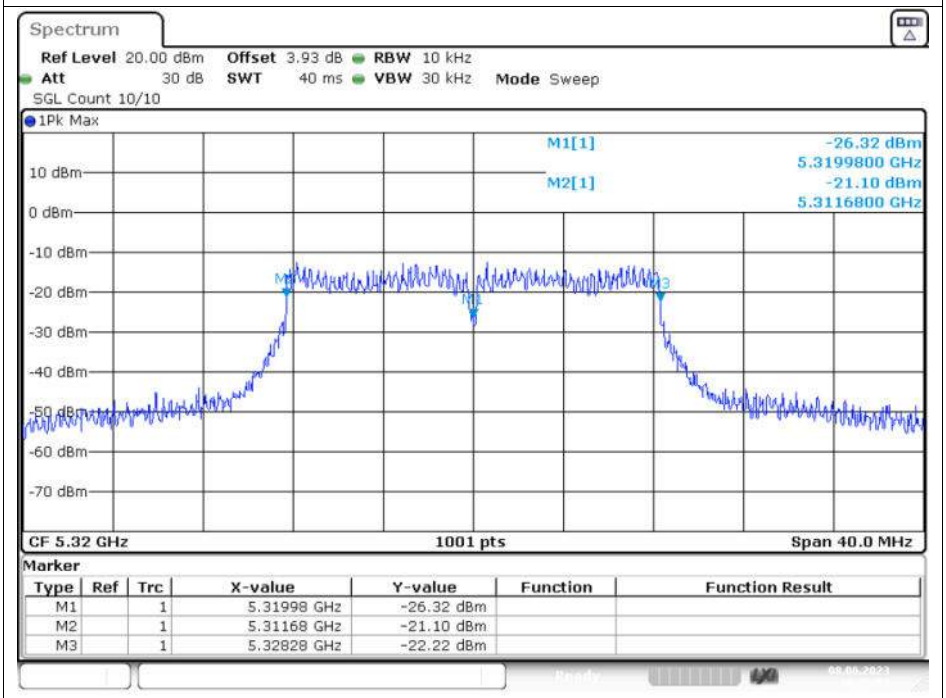
Date: 8.JUN.2023 10:27:19

Freq. Stability 20C 27.6V a 5320MHz Ant1 0 Minutes



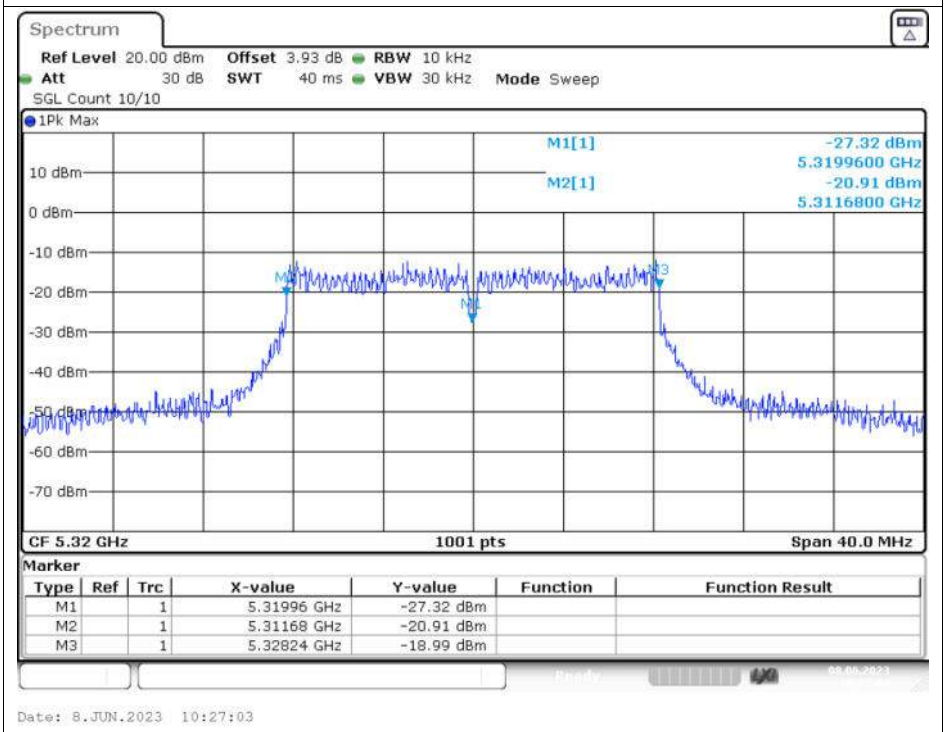
Date: 8.JUN.2023 10:26:53

Freq. Stability -20C 24V a 5320MHz Ant1 0 Minutes

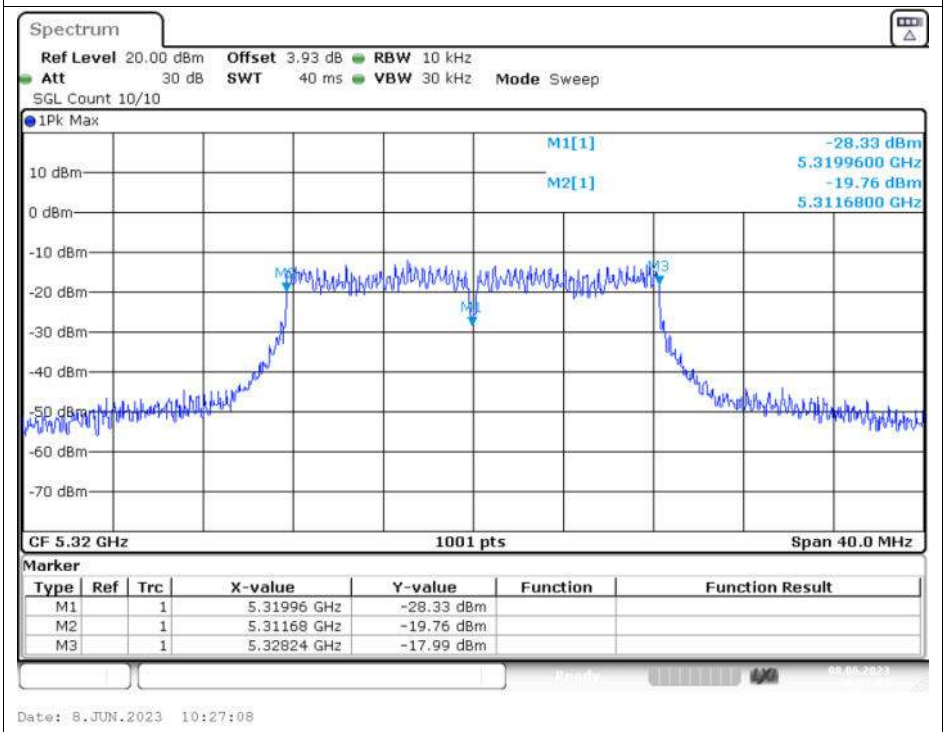


Date: 8.JUN.2023 10:26:58

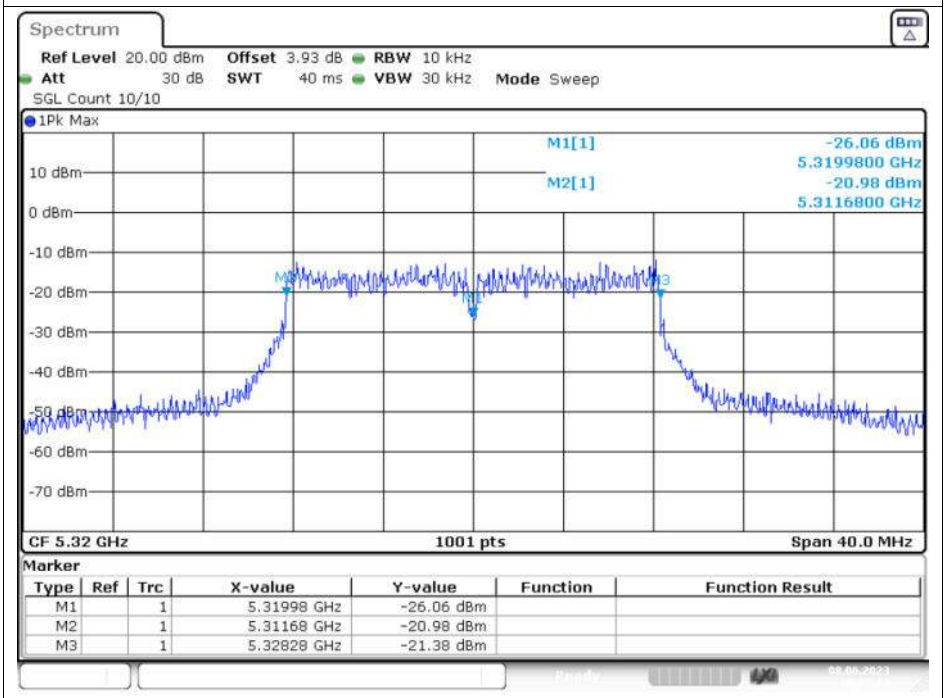
Freq. Stability -10C 24V a 5320MHz Ant1 0 Minutes



Freq. Stability 0C 24V a 5320MHz Ant1 0 Minutes

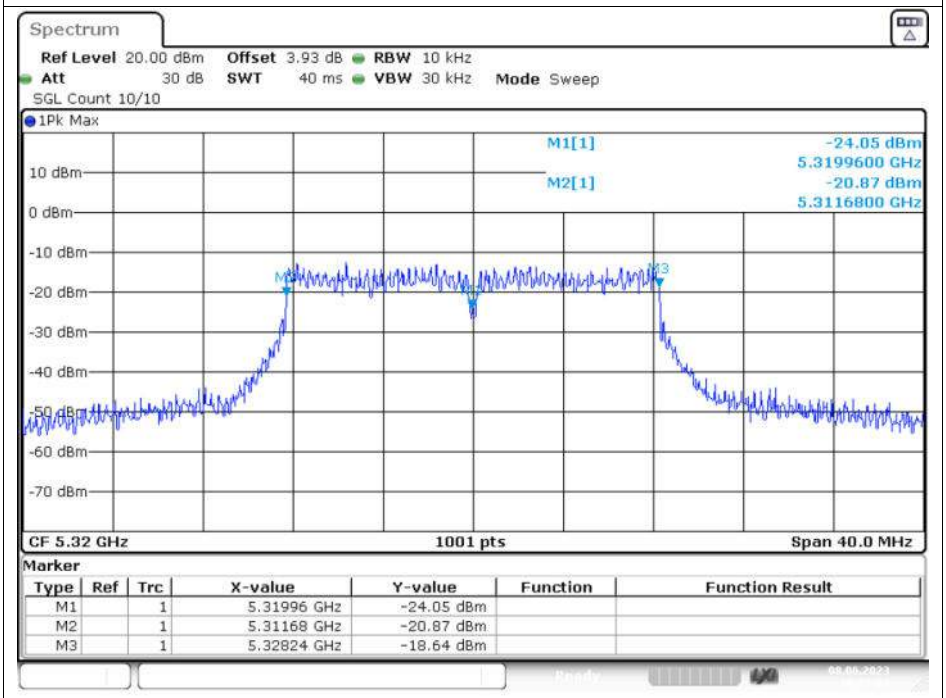


Freq. Stability 10C 24V a 5320MHz Ant1 0 Minutes



Date: 8.JUN.2023 10:27:14

Freq. Stability 30C 24V a 5320MHz Ant1 0 Minutes



Date: 8.JUN.2023 10:27:24