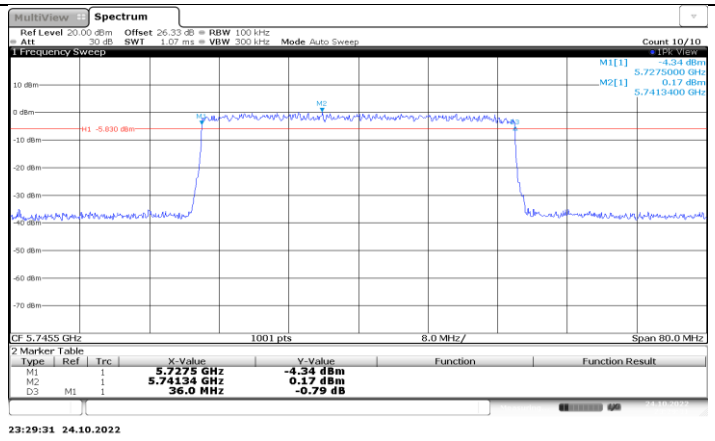
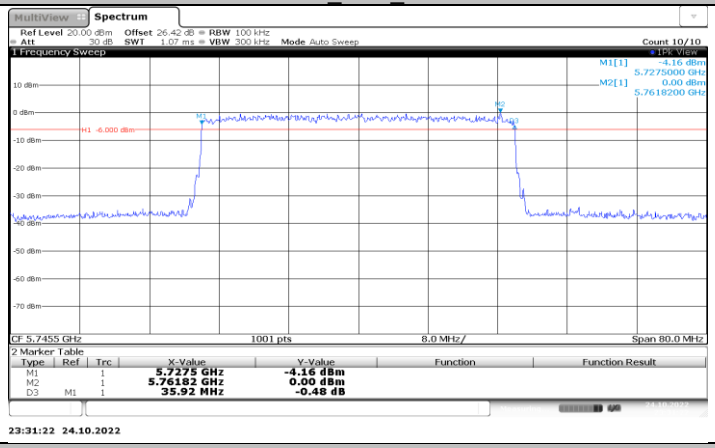
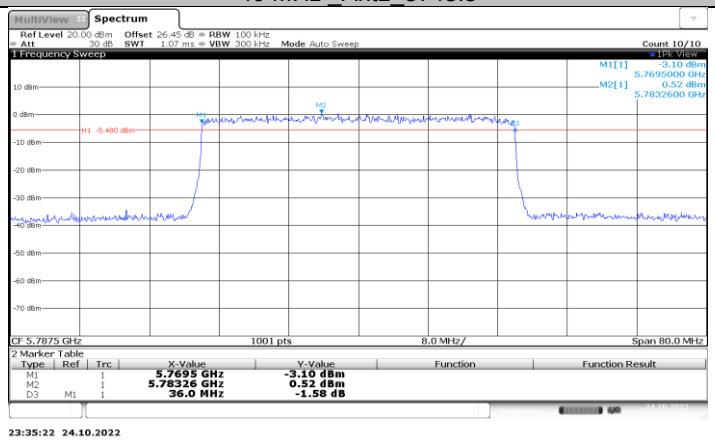


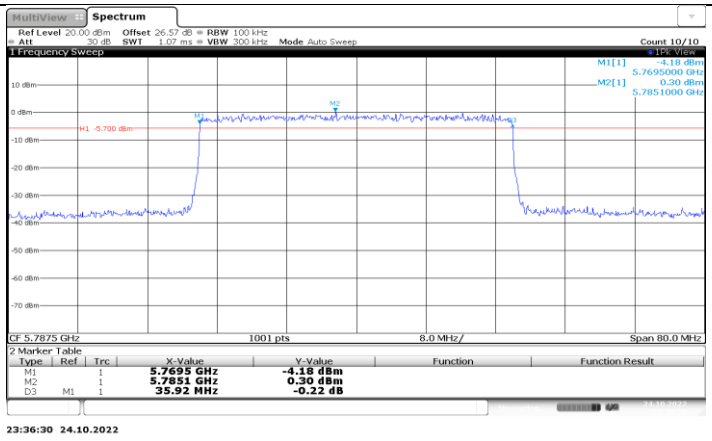
40 MHz _Ant0_5745.5



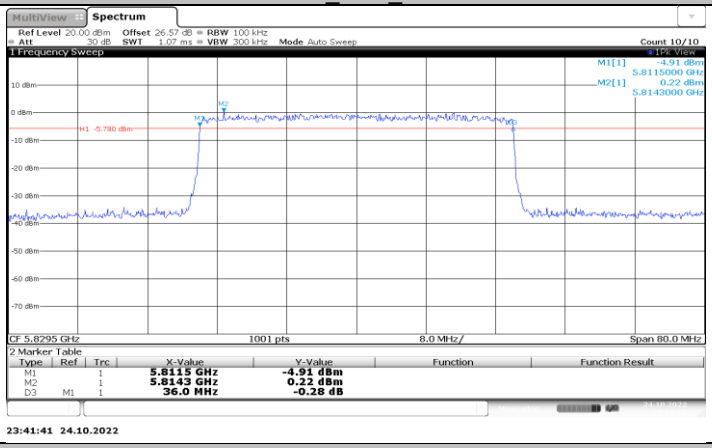
40 MHz _Ant1_5745.5



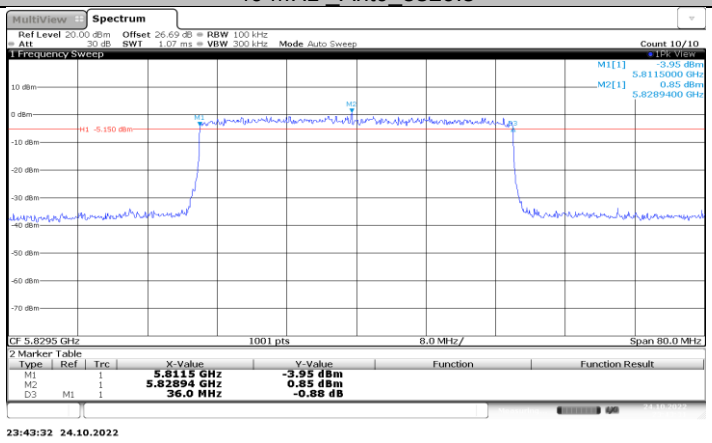
40 MHz _Ant0_5787.5



40 MHz _Ant1_5787.5



40 MHz _Ant0_5829.5



40 MHz _Ant1_5829.5

11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

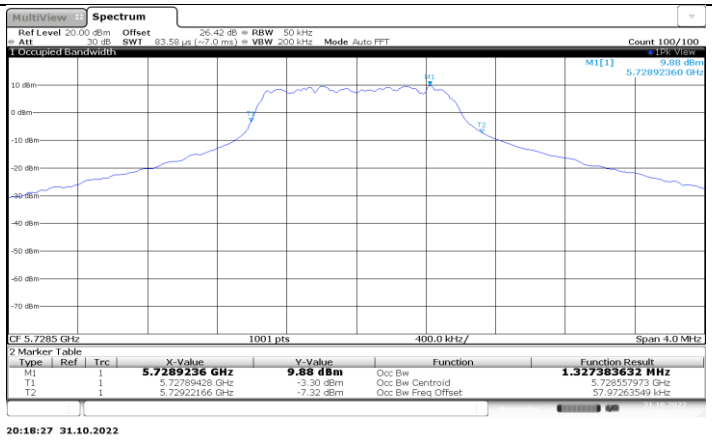
11.2.1. Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
1.4 MHz	Ant0	5728.5	1.327	5727.8943	5729.2217	PASS
	Ant1	5728.5	1.265	5727.8908	5729.1553	PASS
	Ant0	5786.5	1.344	5785.8931	5787.2373	PASS
	Ant1	5786.5	1.261	5785.8898	5787.1508	PASS
	Ant0	5846.5	1.335	5845.8927	5847.2273	PASS
	Ant1	5846.5	1.235	5845.8885	5847.1232	PASS
1.4 MHz CA	Ant0	5730.12	1.323	5729.5112	5730.8339	PASS
	Ant1	5730.12	1.269	5729.5076	5730.7767	PASS
	Ant0	5788.12	1.315	5787.5120	5788.8274	PASS
	Ant1	5788.12	1.265	5787.5063	5788.7717	PASS
	Ant0	5848.12	1.332	5847.5117	5848.8442	PASS
	Ant1	5848.12	1.261	5847.5104	5848.7711	PASS

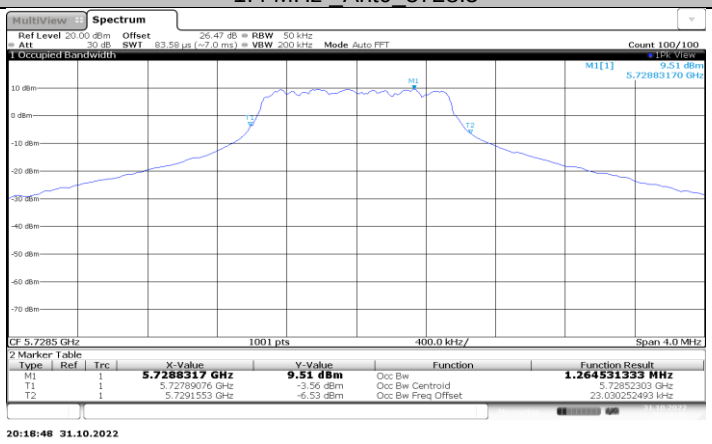
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
3 MHz	Ant0	5727.5	2.26	5726.3805	5728.6403	PASS
	Ant1	5727.5	2.188	5726.4029	5728.5908	PASS
	Ant0	5784.5	2.254	5783.3838	5785.6380	PASS
	Ant1	5784.5	2.185	5783.4074	5785.5926	PASS
	Ant0	5844.5	2.258	5843.3810	5845.6390	PASS
	Ant1	5844.5	2.193	5843.3979	5845.5905	PASS
3 MHz CA	Ant0	5730.2	2.259	5729.0804	5731.3396	PASS
	Ant1	5730.2	2.186	5729.1048	5731.2905	PASS
	Ant0	5787.2	2.259	5786.0813	5788.3402	PASS
	Ant1	5787.2	2.194	5786.0981	5788.2918	PASS
	Ant0	5847.2	2.249	5846.0886	5848.3378	PASS
	Ant1	5847.2	2.195	5846.0966	5848.2911	PASS

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
10 MHz	Ant0	5730.5	9.266	5725.8769	5735.1434	PASS
	Ant1	5730.5	9.238	5725.8778	5735.1160	PASS
	Ant0	5787.5	9.297	5782.8768	5792.1742	PASS
	Ant1	5787.5	9.257	5782.8641	5792.1209	PASS
	Ant0	5844.5	9.289	5839.8617	5849.1512	PASS
	Ant1	5844.5	9.187	5839.9113	5849.0979	PASS
20 MHz	Ant0	5735.5	17.962	5726.5147	5744.4770	PASS
	Ant1	5735.5	17.936	5726.4568	5744.3924	PASS
	Ant0	5787.5	17.915	5778.5054	5796.4204	PASS
	Ant1	5787.5	17.917	5778.4923	5796.4088	PASS
	Ant0	5839.5	17.868	5830.5555	5848.4238	PASS
	Ant1	5839.5	17.951	5830.4762	5848.4272	PASS
40 MHz	Ant0	5745.5	36.065	5727.5056	5763.5701	PASS
	Ant1	5745.5	36.067	5727.4908	5763.5574	PASS
	Ant0	5787.5	36.069	5769.4191	5805.4879	PASS
	Ant1	5787.5	35.671	5769.6505	5805.3212	PASS
	Ant0	5829.5	35.752	5811.6174	5847.3693	PASS
	Ant1	5829.5	35.945	5811.5704	5847.5149	PASS

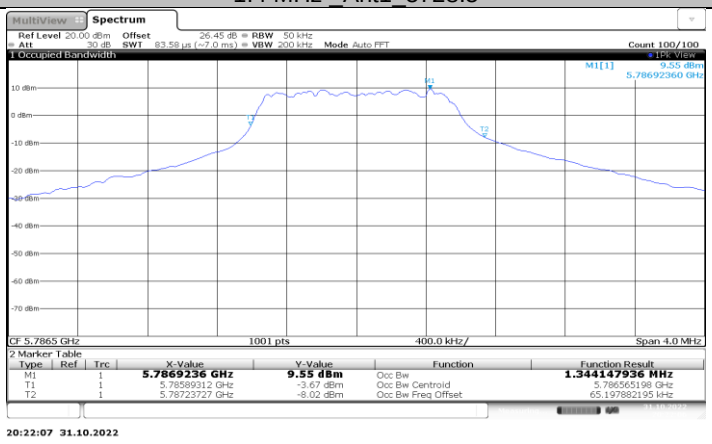
11.2.2. Test Graphs



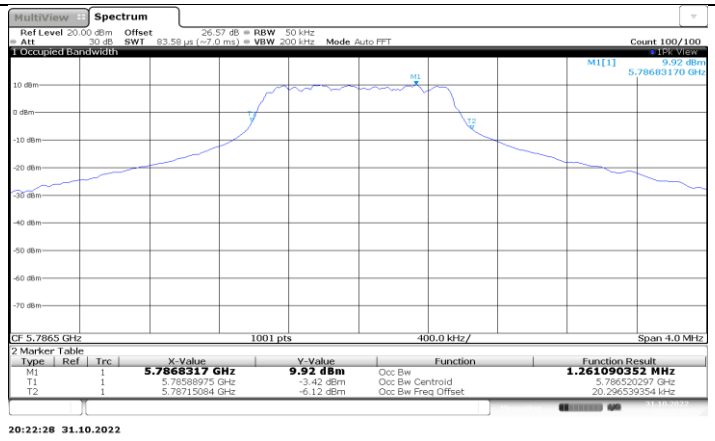
1.4 MHz _Ant0_5728.5



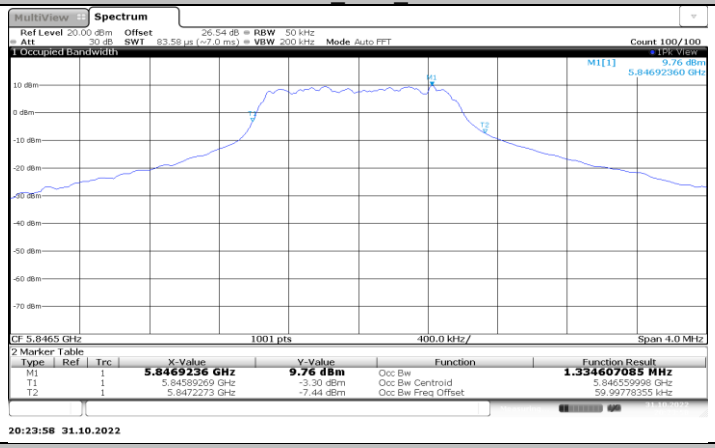
1.4 MHz _Ant1_5728.5



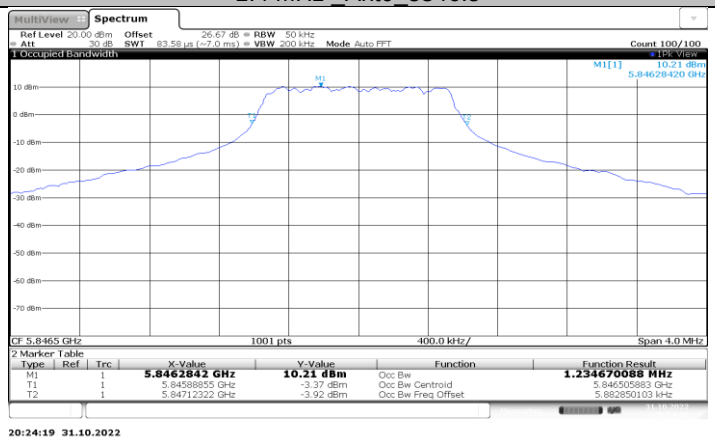
1.4 MHz _Ant0_5786.5



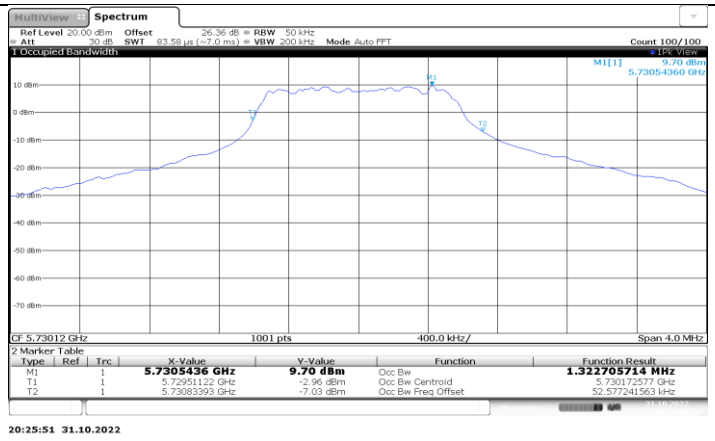
1.4 MHz _Ant1_5786.5



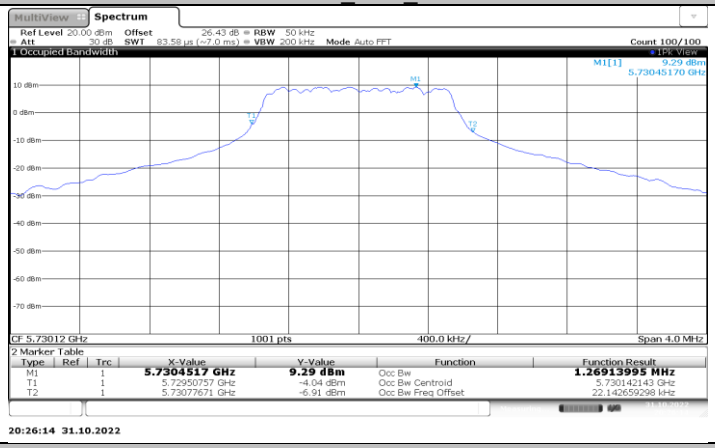
1.4 MHz _Ant0_5846.5



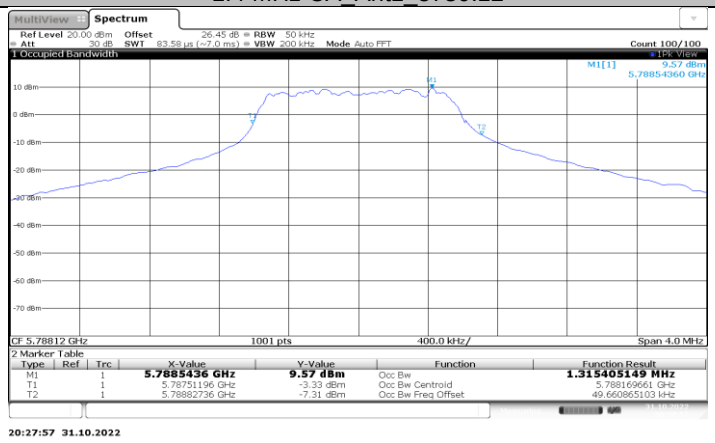
1.4 MHz _Ant1_5846.5



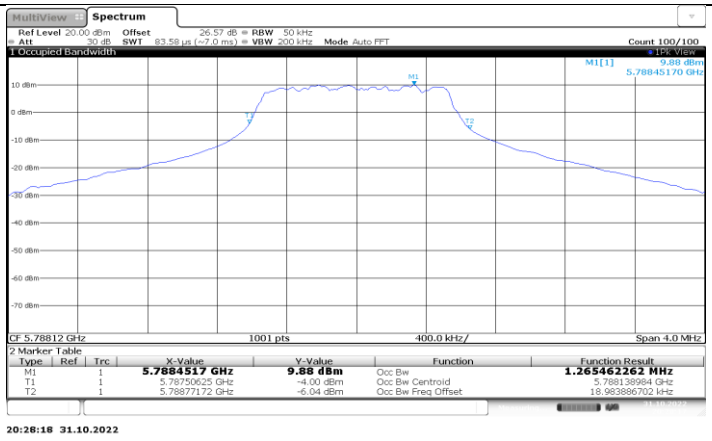
1.4 MHz CA_Ant0_5730.12



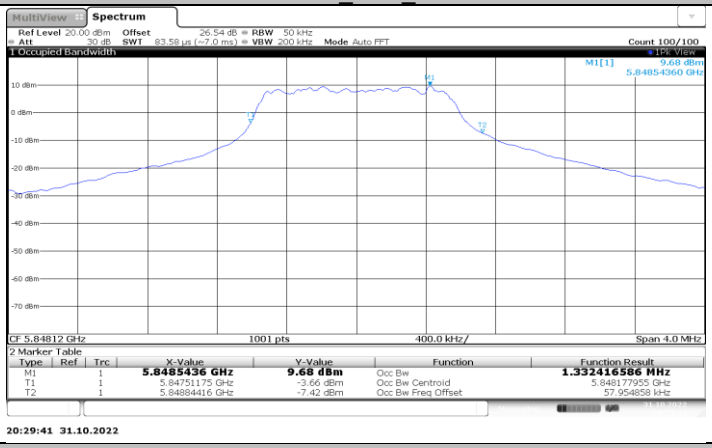
1.4 MHz CA_Ant1_5730.12



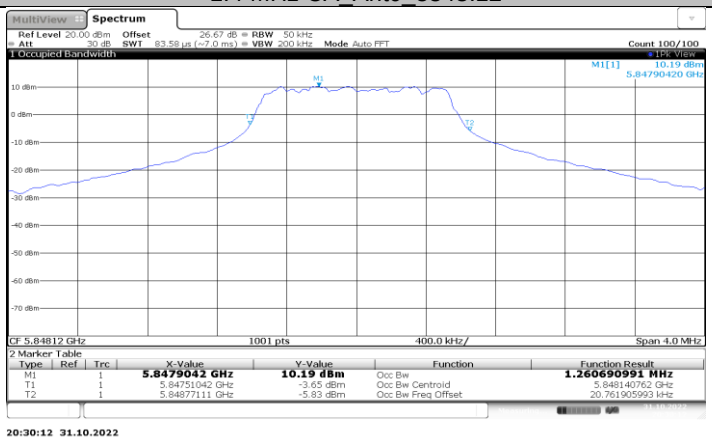
1.4 MHz CA_Ant0_5788.12



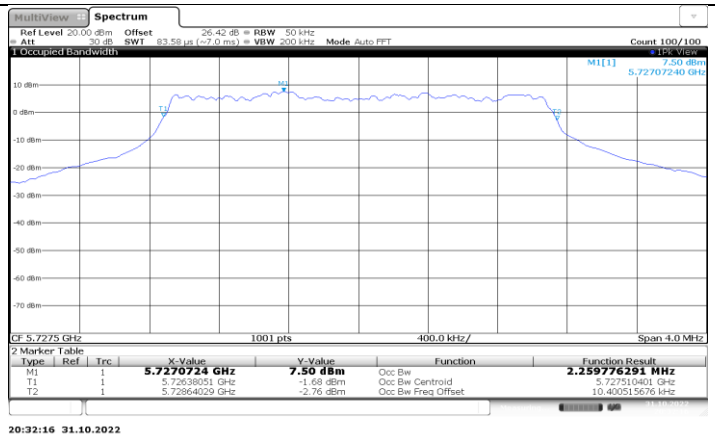
1.4 MHz CA_Ant1_5788.12



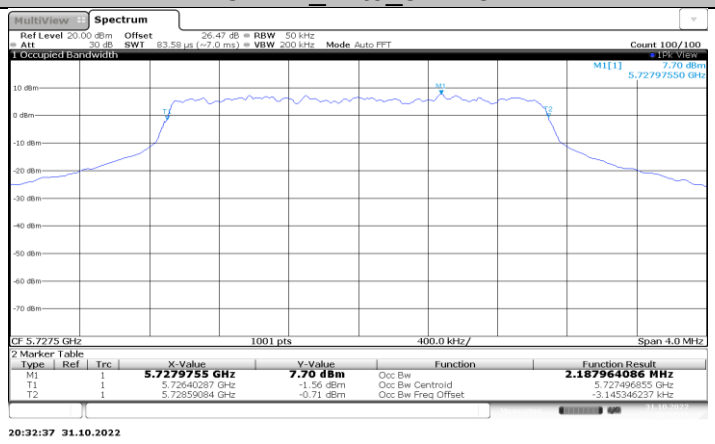
1.4 MHz CA_Ant0_5848.12



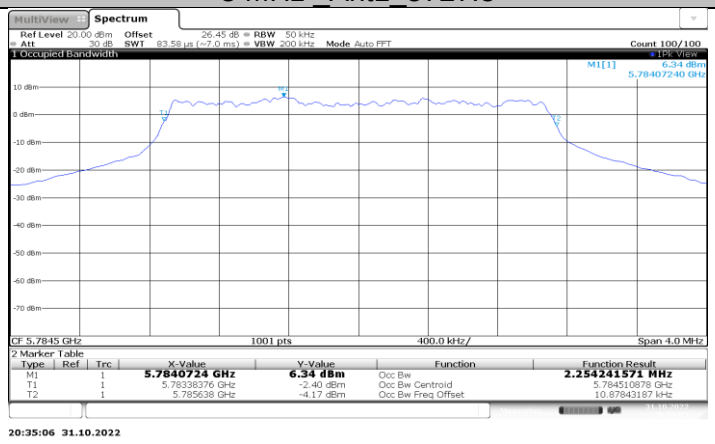
1.4 MHz CA_Ant1_5848.12



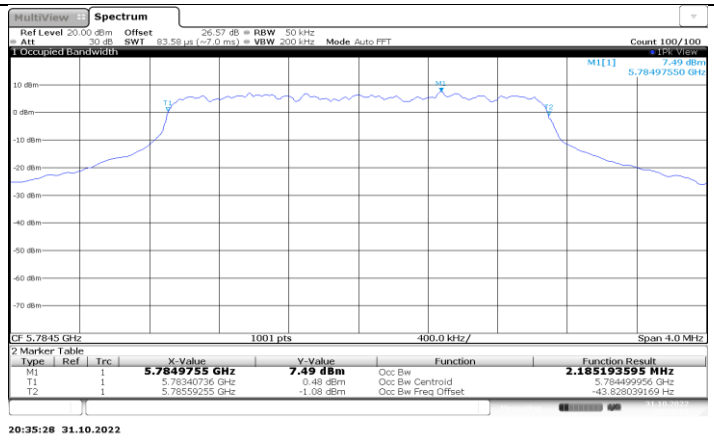
3 MHz_Ant0_5727.5



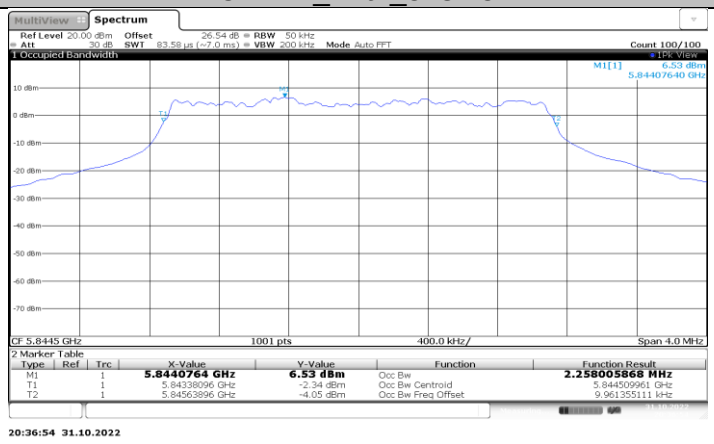
3 MHz _Ant1_5727.5



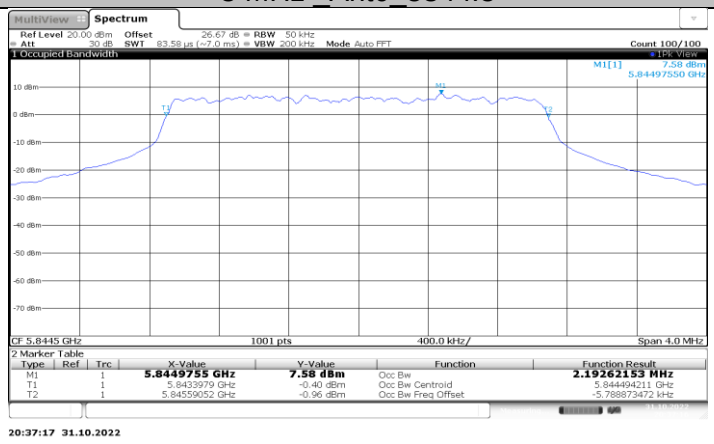
3 MHz _Ant0_5784.5



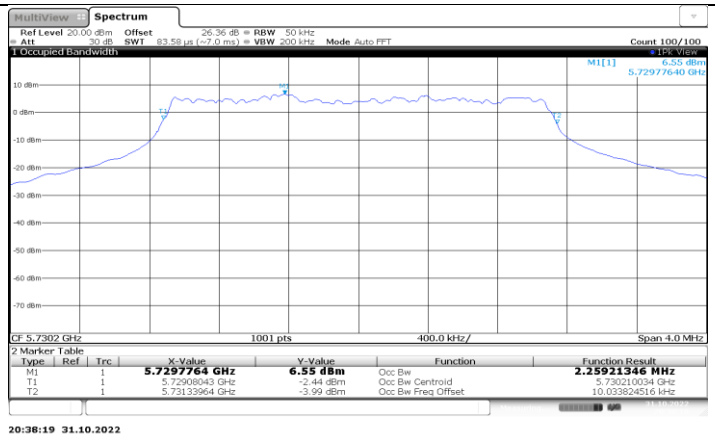
3 MHz _Ant1_5784.5



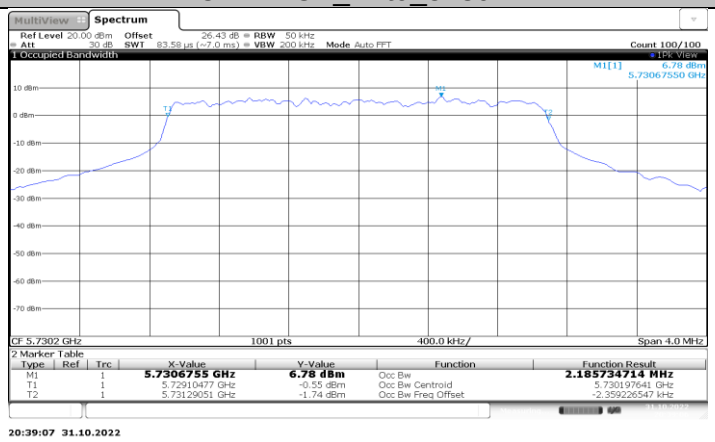
3 MHz _Ant0_5844.5



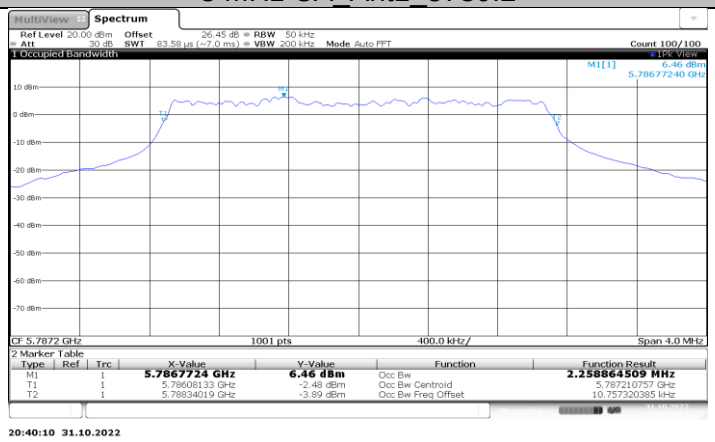
3 MHz _Ant1_5844.5



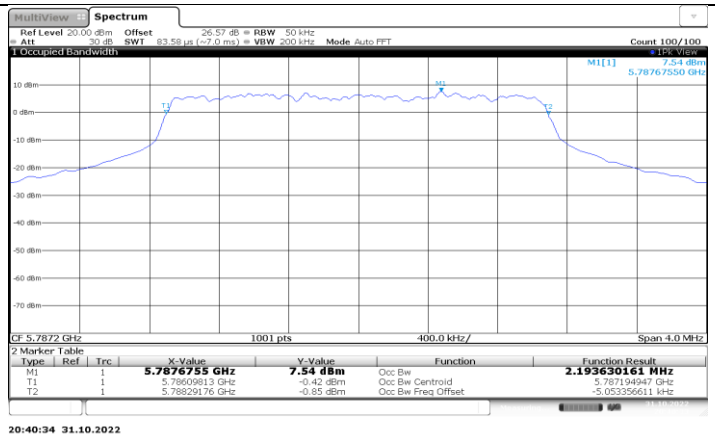
3 MHz CA_Ant0_5730.2



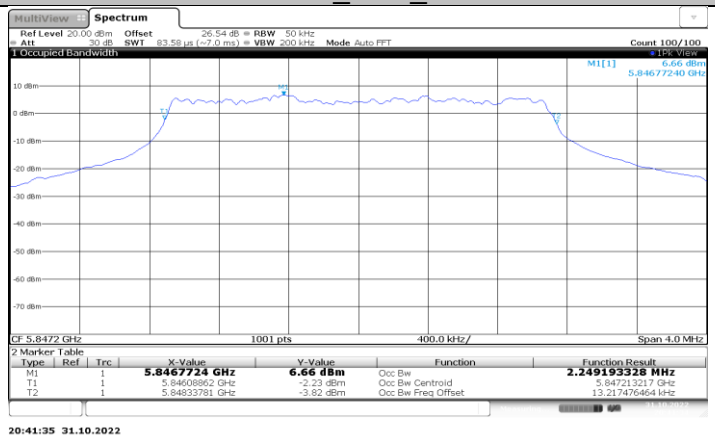
3 MHz CA_Ant1_5730.2



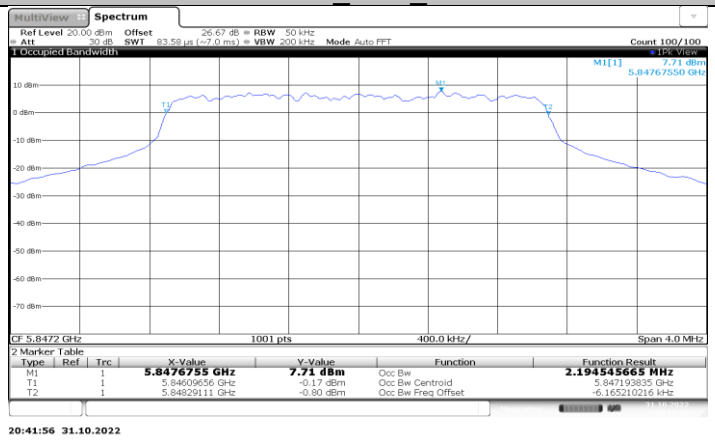
3 MHz CA_Ant0_5787.2



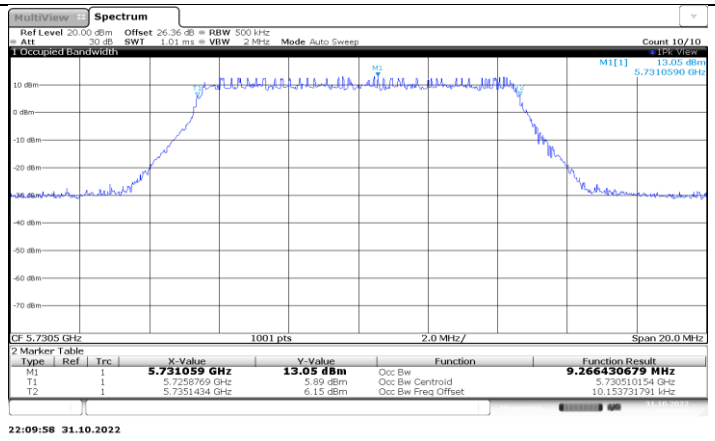
3 MHz CA_Ant1_5787.2



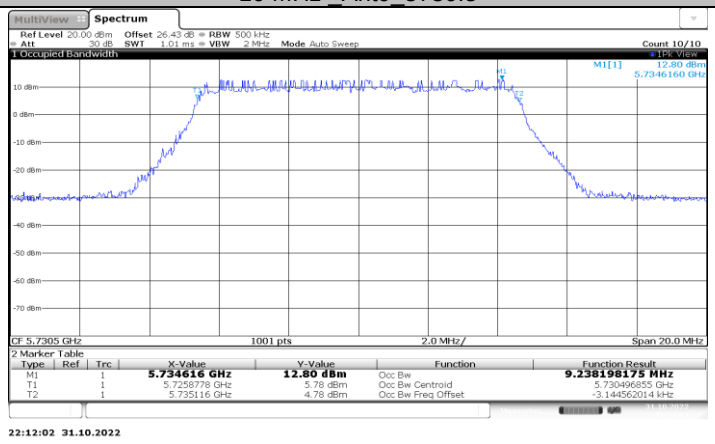
3 MHz CA_Ant0_5847.2



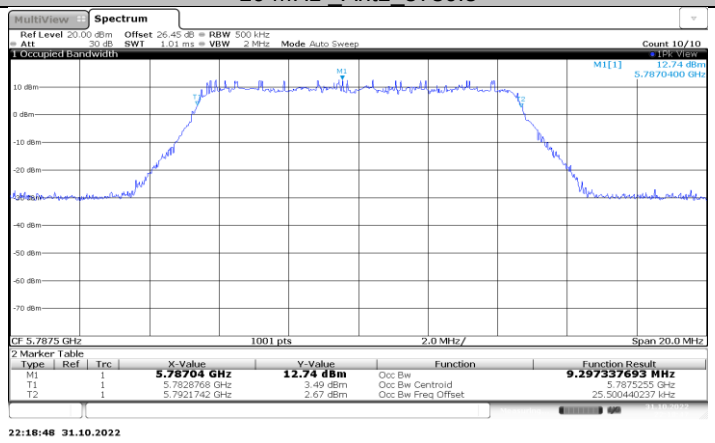
3 MHz CA_Ant1_5847.2



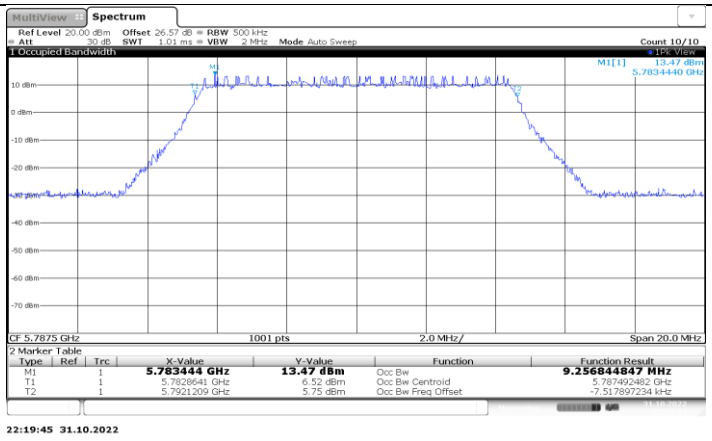
10 MHz _Ant0_5730.5



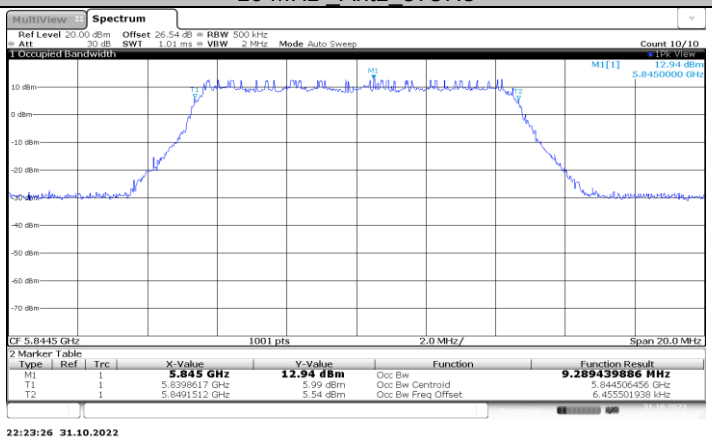
10 MHz _Ant1_5730.5



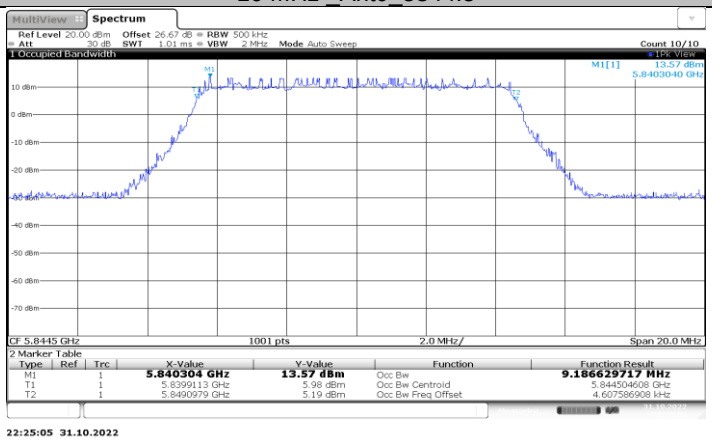
10 MHz _Ant0_5787.5



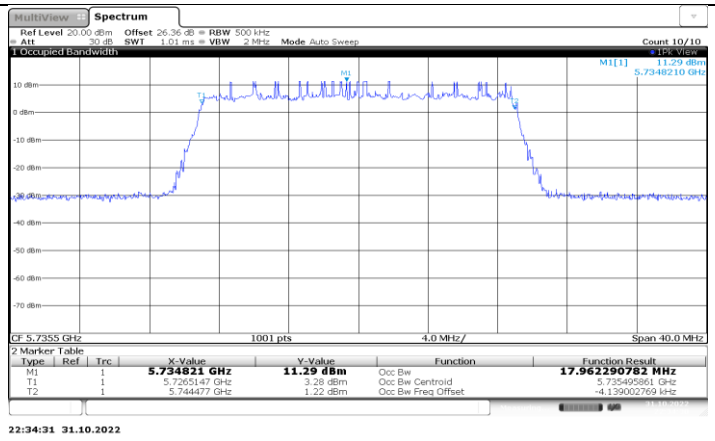
10 MHz _Ant1_5787.5



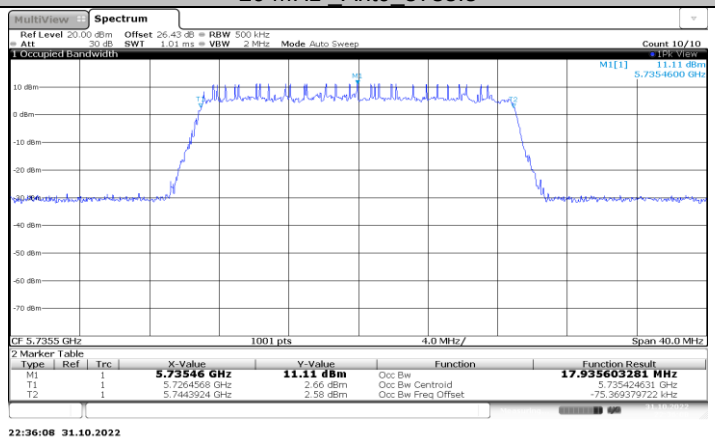
10 MHz _Ant0_5844.5



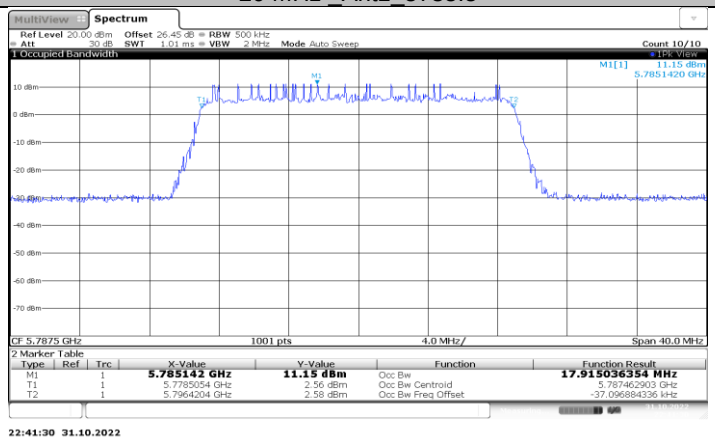
10 MHz _Ant1_5844.5



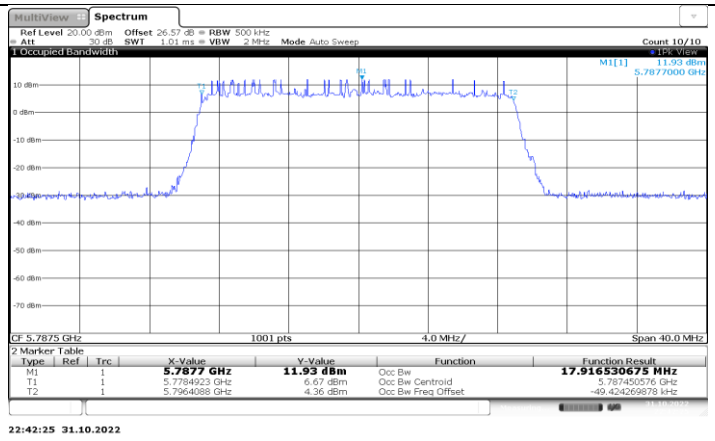
20 MHz _Ant0_5735.5



20 MHz _Ant1_5735.5



20 MHz _Ant0_5787.5



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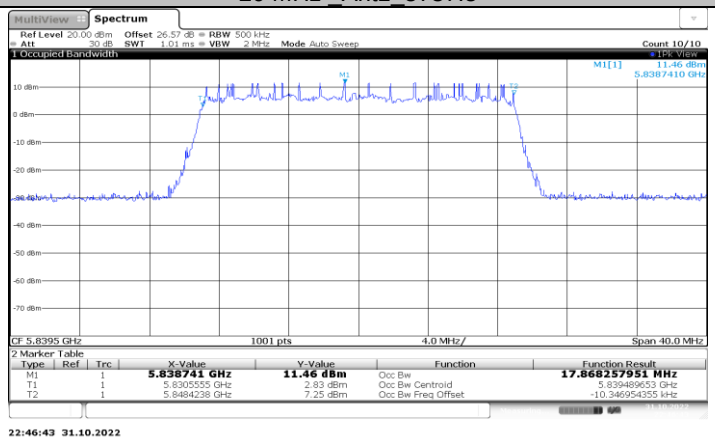
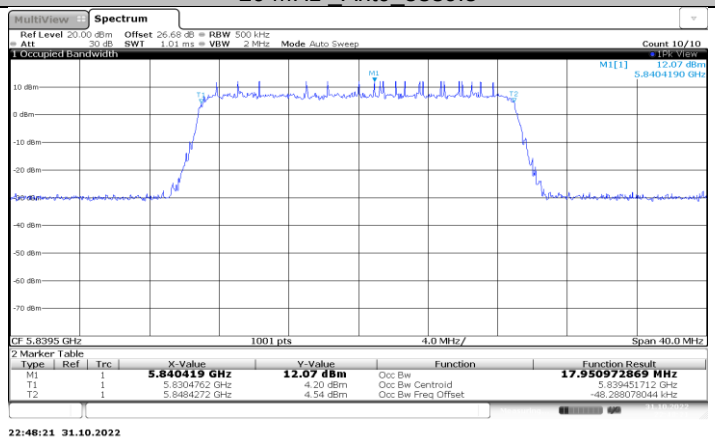
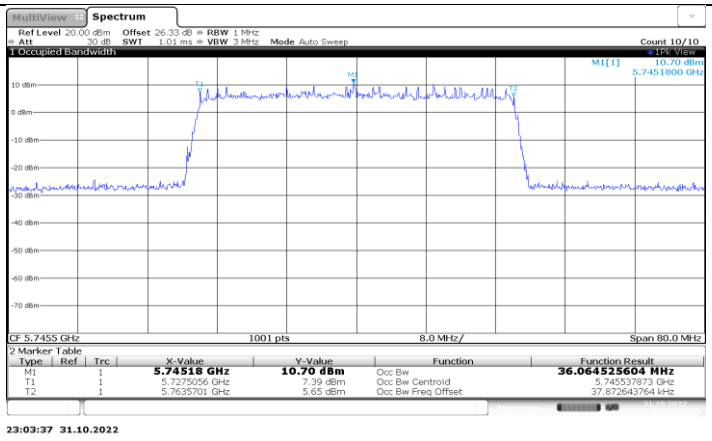


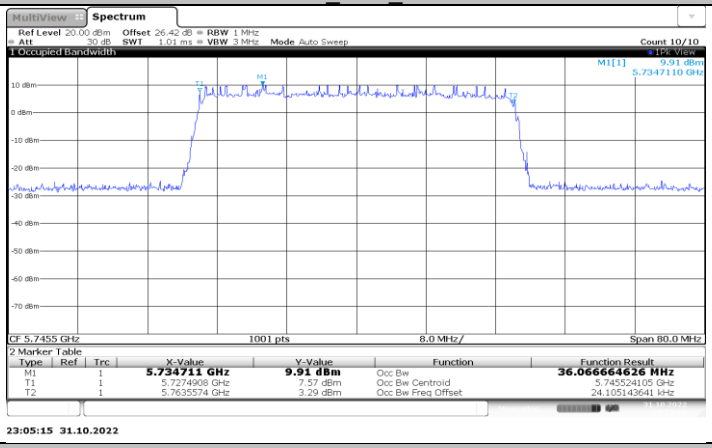
20 MHz _Ant0_5839.5



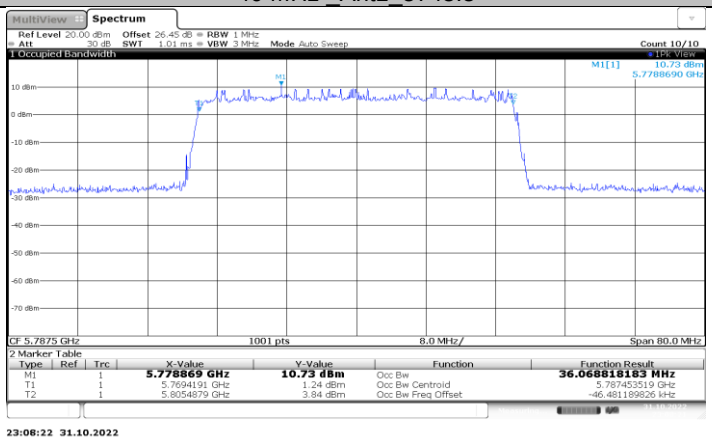
20 MHz _Ant1_5839.5



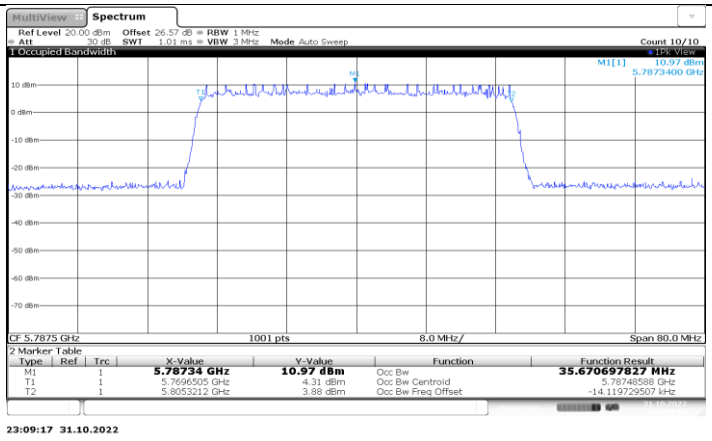
40 MHz _Ant0_5745.5



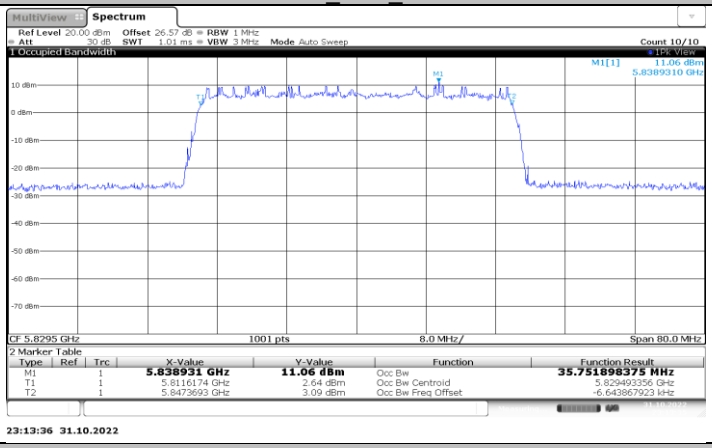
40 MHz _Ant1_5745.5



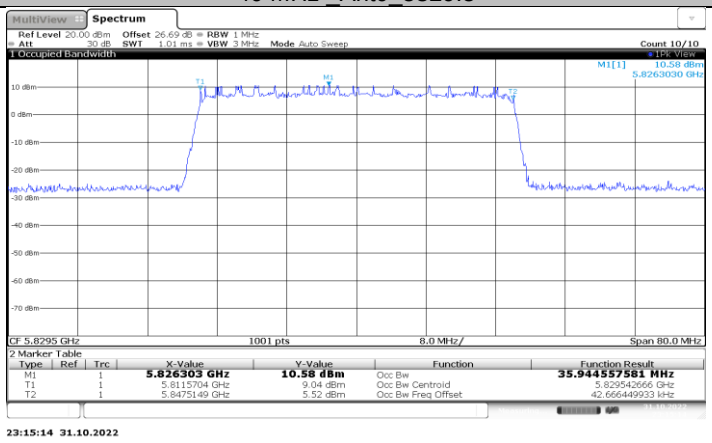
40 MHz _Ant0_5787.5



40 MHz _Ant1_5787.5



40 MHz _Ant0_5829.5



40 MHz _Ant1_5829.5

11.3. APPENDIX B: MAXIMUM AVERAGE OUTPUT POWER

11.3.1. Test Result

Mode	Frequency (MHz)	Average Conducted Power (dBm)			EIRP (dBm)	Antenna Gain (dBi)	Limit (dBm)
		Antenna 0	Antenna 1	Total	Total		
1.4 MHz	5728.5	22.12	23.13	25.66	28.66	3.00	30.00
	5786.5	21.82	23.65	25.84	28.84	3.00	30.00
	5846.5	21.96	23.88	26.04	29.04	3.00	30.00
1.4 MHz CA	5730.12	21.91	23.00	25.50	28.5	3.00	30.00
	5788.12	21.82	23.59	25.80	28.8	3.00	30.00
	5848.12	21.91	23.85	26.00	29	3.00	30.00
3 MHz	5727.5	23.41	22.70	26.08	29.08	3.00	30.00
	5784.5	22.22	22.46	25.35	28.35	3.00	30.00
	5844.5	22.39	22.67	25.54	28.54	3.00	30.00
3 MHz CA	5730.2	22.41	21.78	25.12	28.12	3.00	30.00
	5787.2	22.35	22.57	25.47	28.47	3.00	30.00
	5847.2	22.53	22.79	25.67	28.67	3.00	30.00
10 MHz	5730.5	12.56	12.62	15.60	18.6	3.00	30.00
	5787.5	12.37	13.39	15.92	18.92	3.00	30.00
	5844.5	12.51	13.50	16.04	19.04	3.00	30.00
20 MHz	5735.5	12.30	12.39	15.36	18.36	3.00	30.00
	5787.5	12.16	13.22	15.73	18.73	3.00	30.00
	5839.5	12.41	13.40	15.94	18.94	3.00	30.00
20 MHz	5745.5	12.09	12.71	15.42	18.42	3.00	30.00
	5787.5	12.06	13.11	15.63	18.63	3.00	30.00
	5829.5	12.37	13.43	15.94	18.94	3.00	30.00

Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

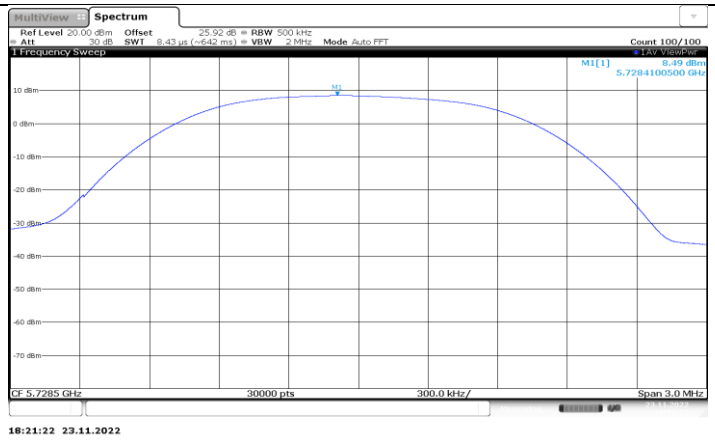
11.4. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY

11.4.1. Test Result

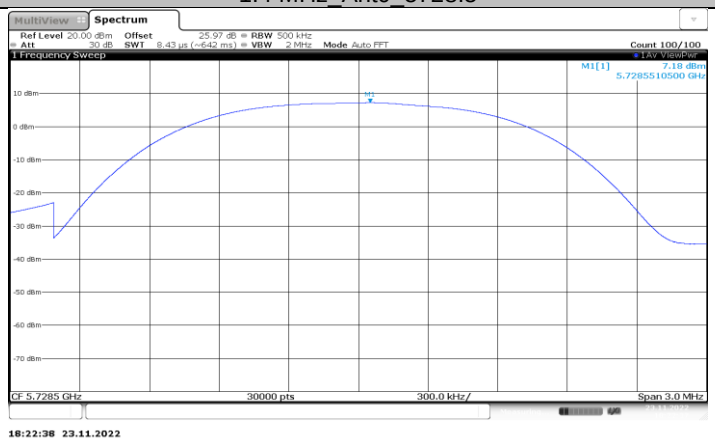
Mode	Frequency (MHz)	PSD 5725 - 5850 MHz (dBm/500 kHz)			Limit 5725 - 5850 MHz (dBm/500 kHz)
		Antenna 0	Antenna 1	Total	
1.4 MHz	5728.5	8.49	7.18	10.895	30
	5786.5	9.78	8.99	12.413	30
	5846.5	10.56	8.89	12.815	30
1.4 MHz CA	5730.12	10.37	9.12	12.800	30
	5788.12	10.38	8.75	12.651	30
	5848.12	10.47	8.17	12.481	30
3 MHz	5727.5	8.13	8.16	11.155	30
	5784.5	7.68	7.67	10.685	30
	5844.5	6.90	7.08	10.001	30
3 MHz CA	5730.2	6.73	6.86	9.806	30
	5787.2	7.03	6.93	9.991	30
	5847.2	7.25	6.87	10.074	30
10 MHz	5730.5	0.940	1.190	4.077	30
	5787.5	0.910	1.730	4.350	30
	5844.5	1.010	1.920	4.499	30
20 MHz	5735.5	-1.980	-2.030	1.005	30
	5787.5	-2.180	-0.910	1.512	30
	5839.5	-1.940	-0.890	1.627	30
40 MHz	5745.5	-5.030	-4.600	-1.799	30
	5787.5	-5.120	-4.170	-1.609	30
	5829.5	-4.990	-3.620	-1.241	30

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

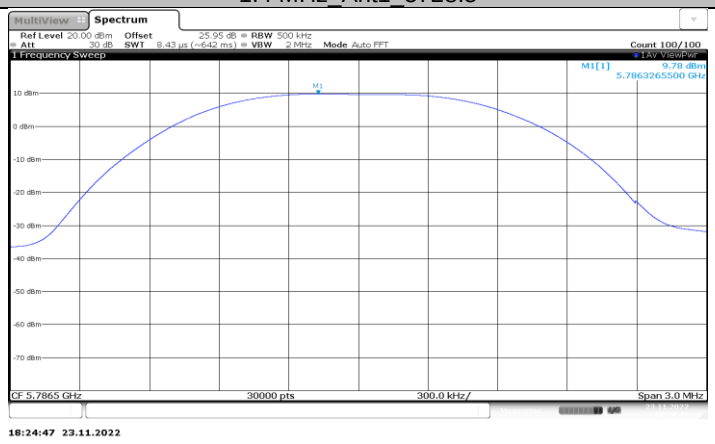
11.4.2. Test Graphs



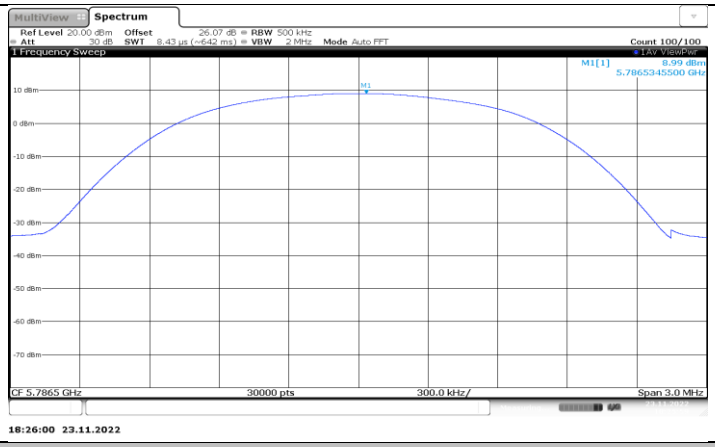
1.4 MHz_Ant0_5728.5



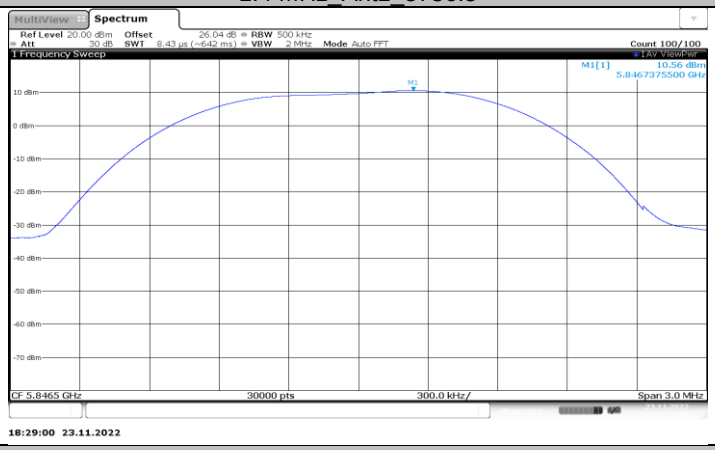
1.4 MHz_Ant1_5728.5



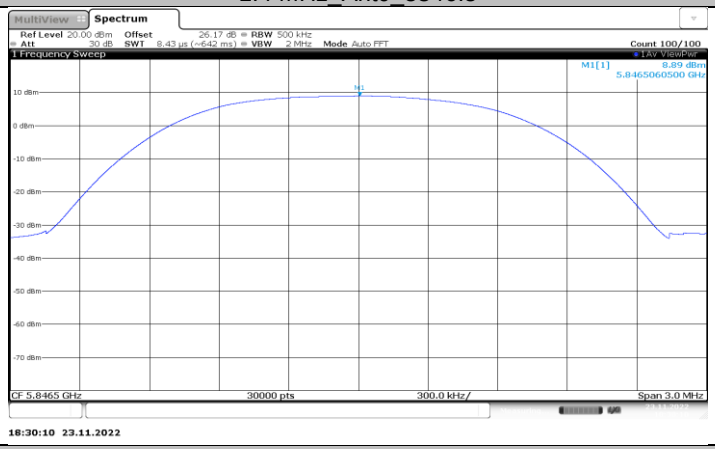
1.4 MHz_Ant0_5786.5



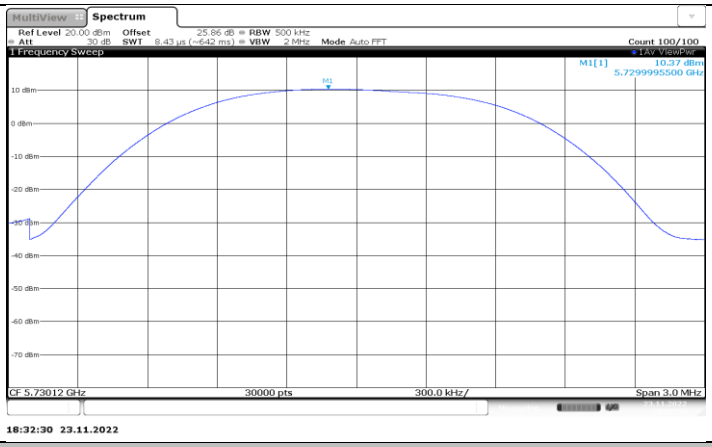
1.4 MHz_Ant1_5786.5



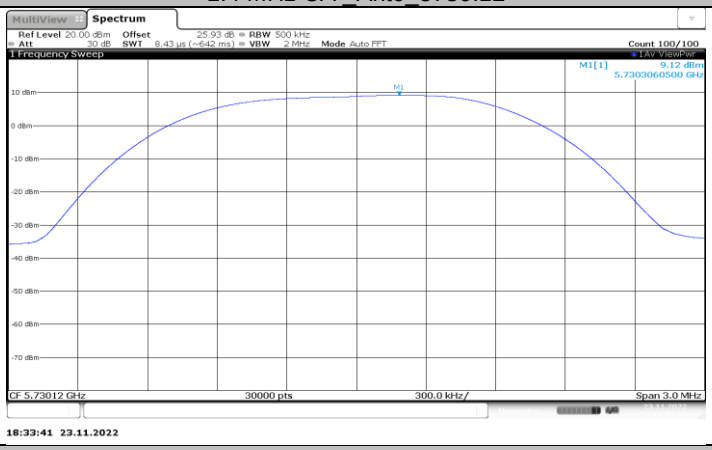
1.4 MHz_Ant0_5846.5



1.4 MHz_Ant1_5846.5



1.4 MHz CA _Ant0_5730.12



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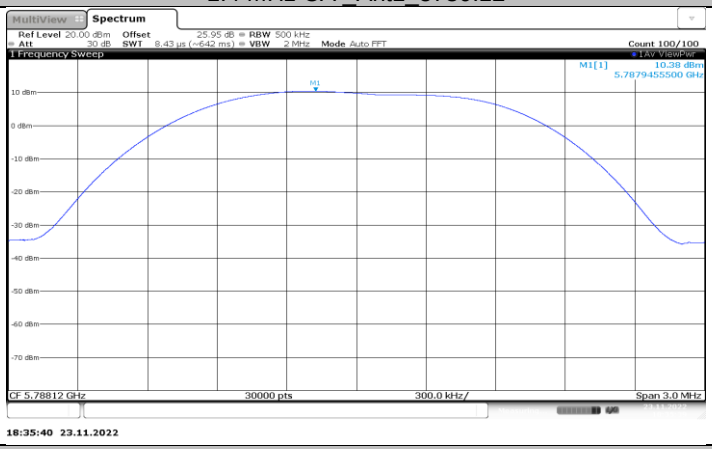
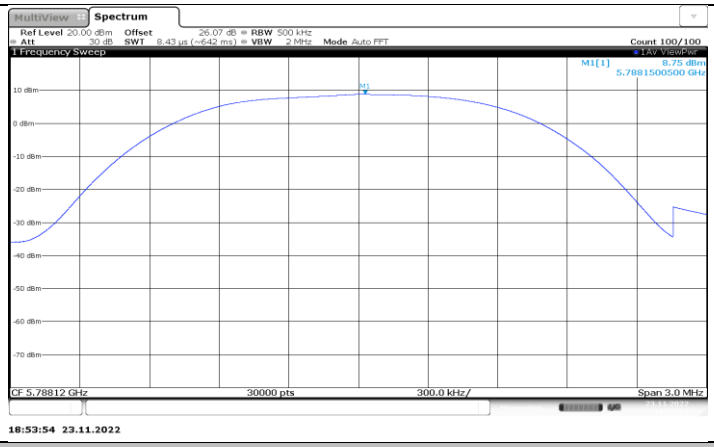
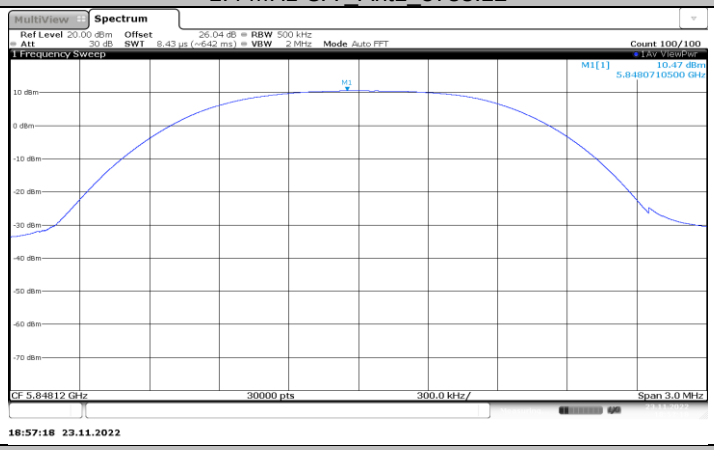


1.4 MHz CA _Ant0_5788.12



1.4 MHz CA _Ant1_5788.12



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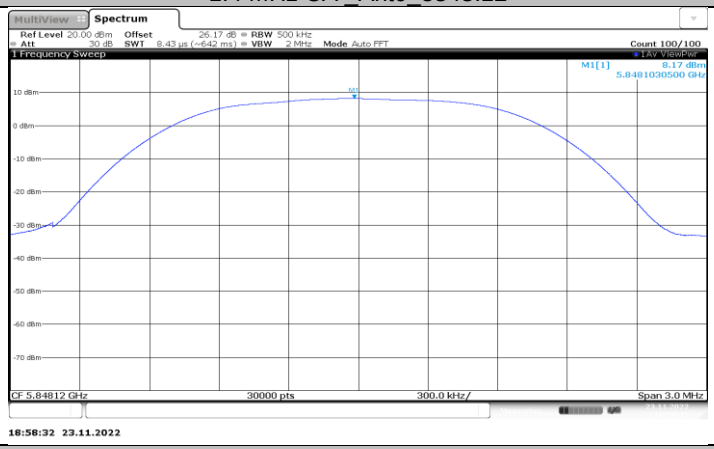
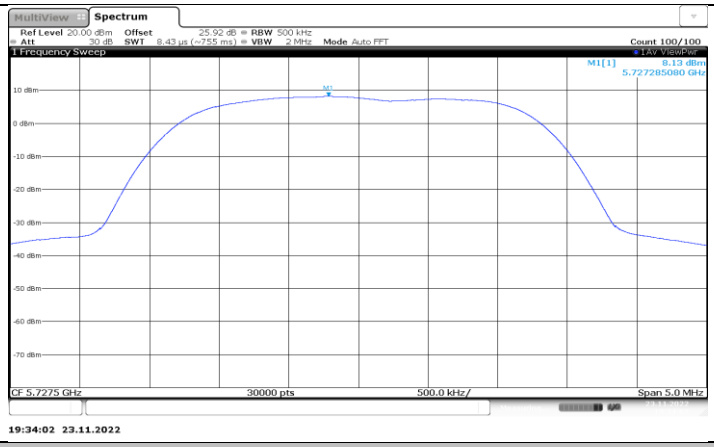
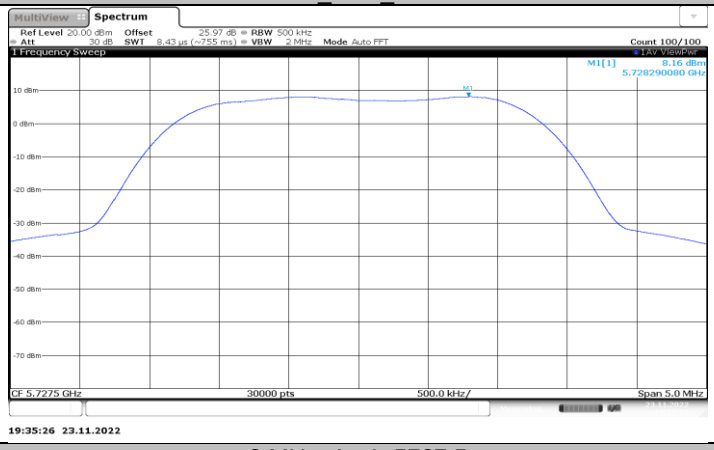


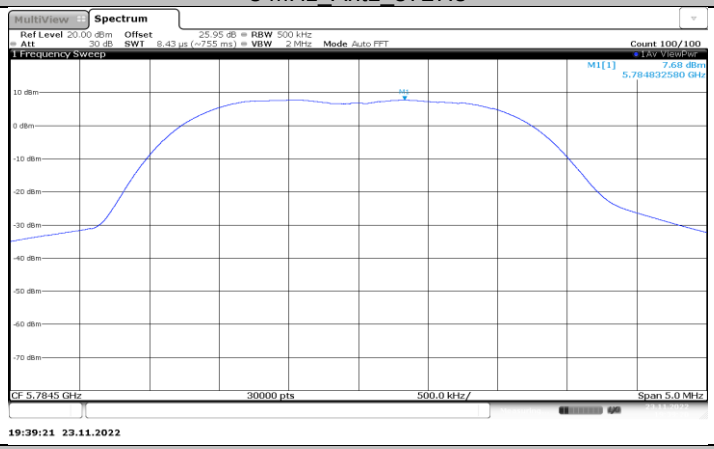
1.4 MHz CA _Ant1_5848.12



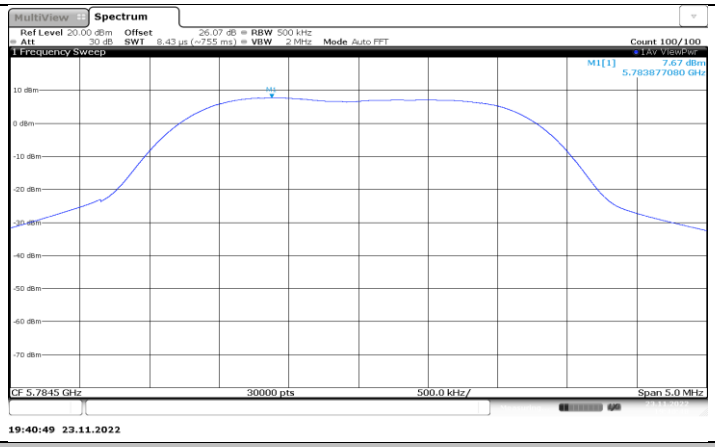
3 MHz_Ant0_5727.5



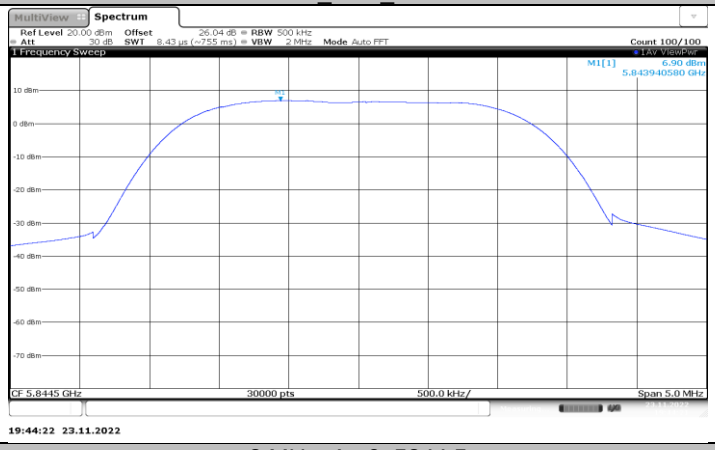
3 MHz_Ant1_5727.5



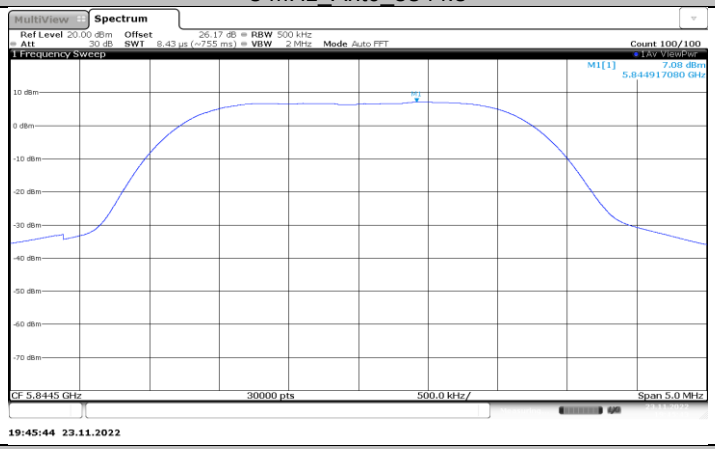
3 MHz_Ant0_5784.5



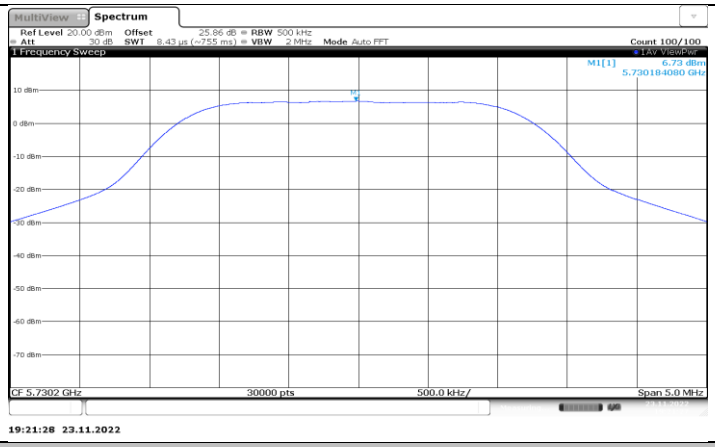
3 MHz_Ant1_5784.5



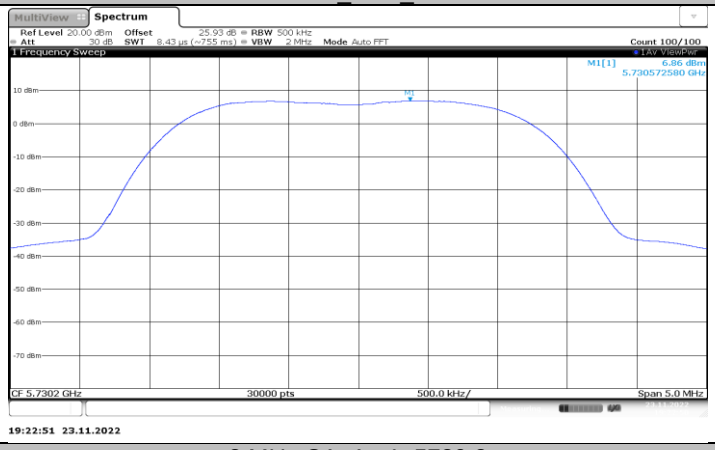
3 MHz_Ant0_5844.5



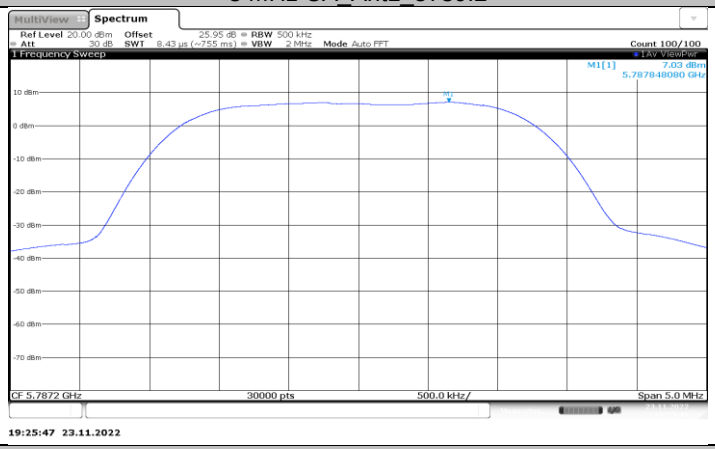
3 MHz_Ant1_5844.5



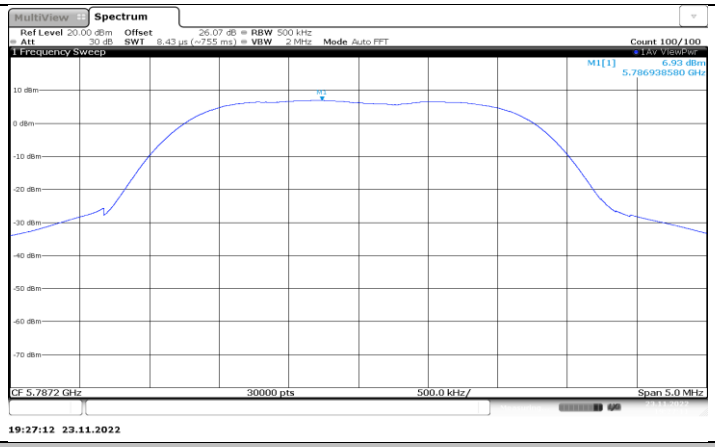
3 MHz CA_Ant0_5730.2



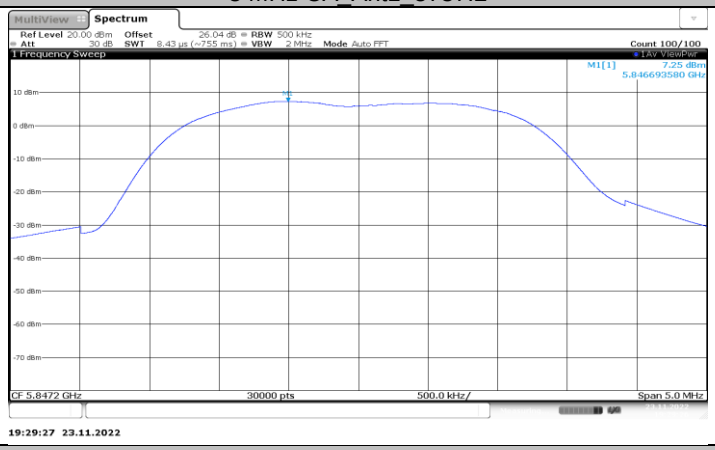
3 MHz CA_Ant1_5730.2



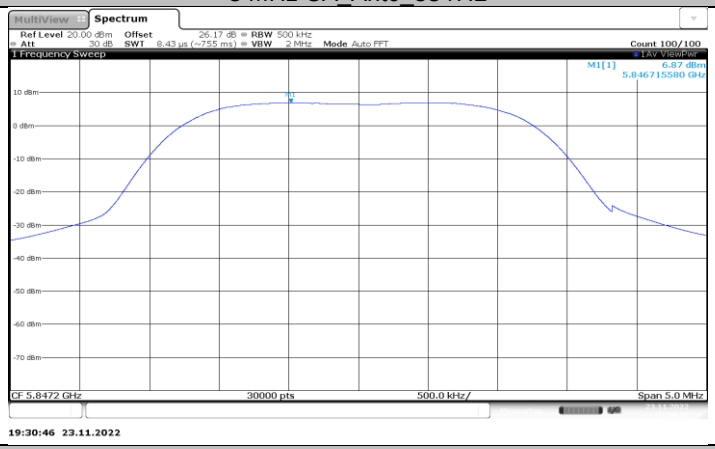
3 MHz CA_Ant0_5787.2



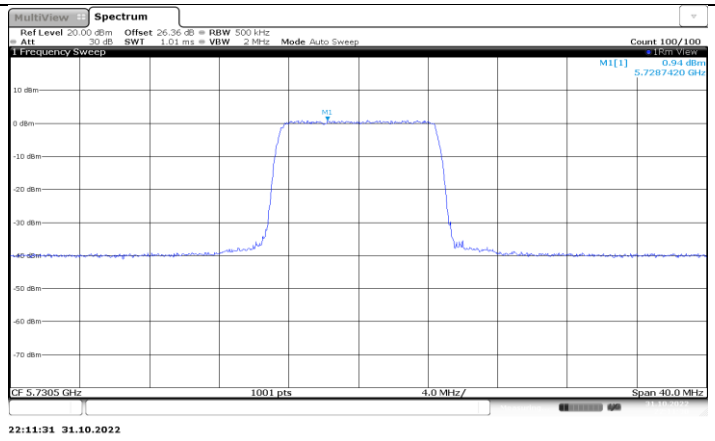
3 MHz CA_Ant1_5787.2



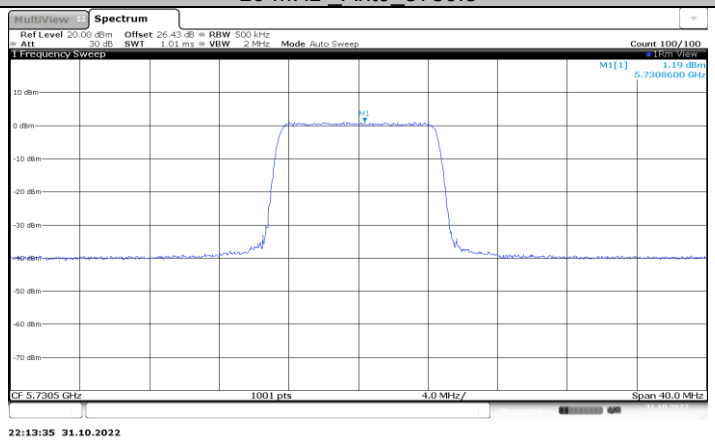
3 MHz CA_Ant0_5847.2



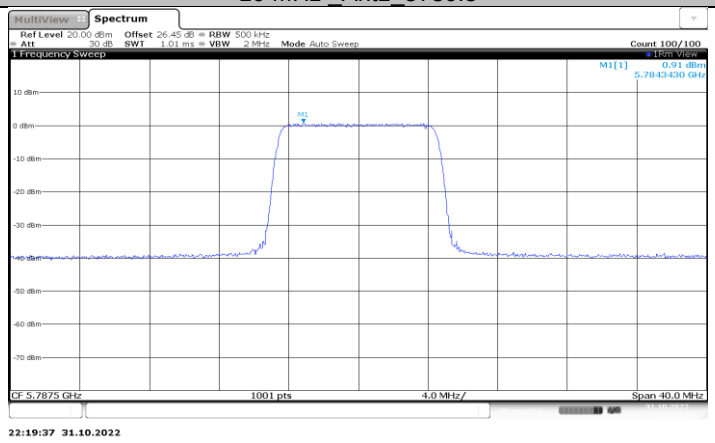
3 MHz CA_Ant1_5847.2



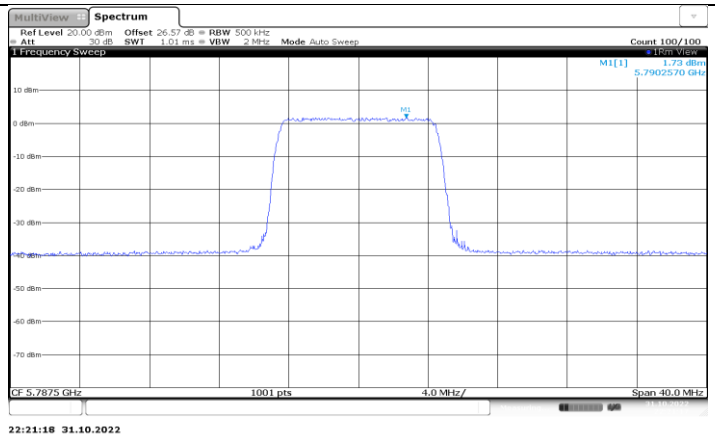
10 MHz _Ant0_5730.5



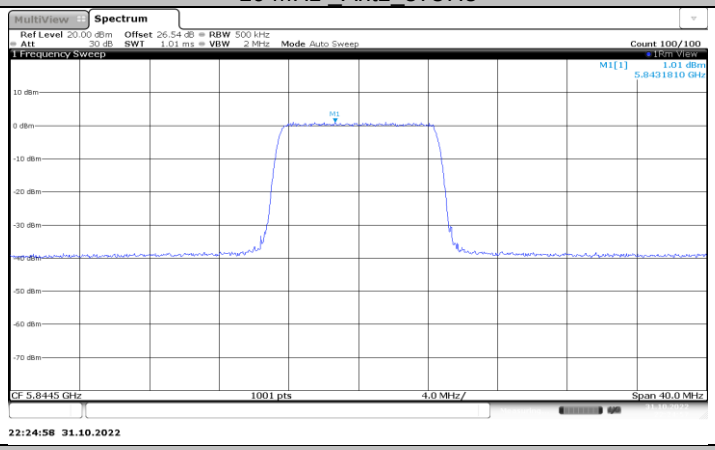
10 MHz _Ant1_5730.5



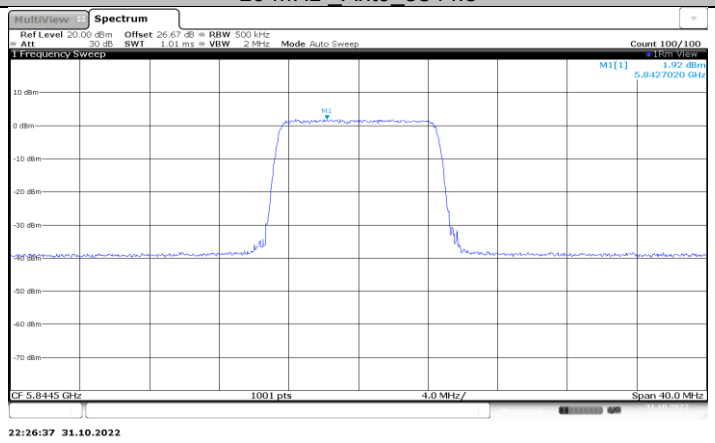
10 MHz _Ant0_5787.5



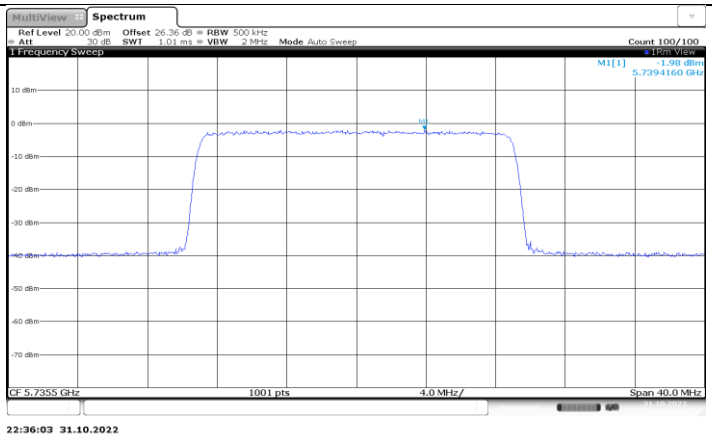
10 MHz _Ant1_5787.5



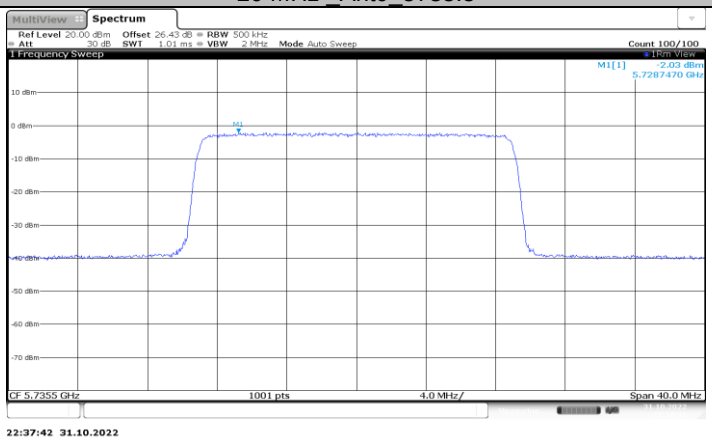
10 MHz _Ant0_5844.5



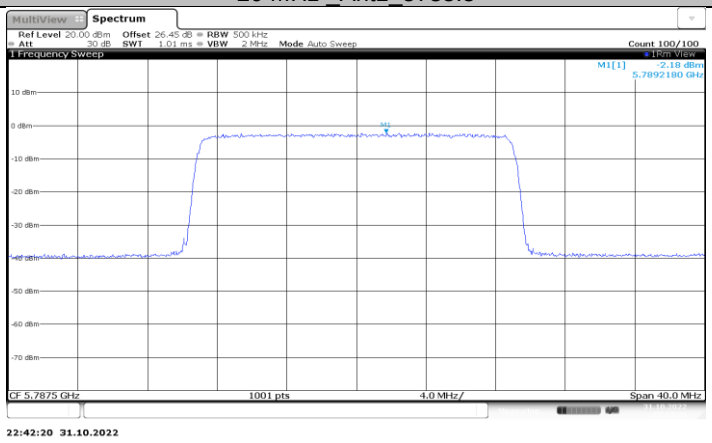
10 MHz _Ant1_5844.5



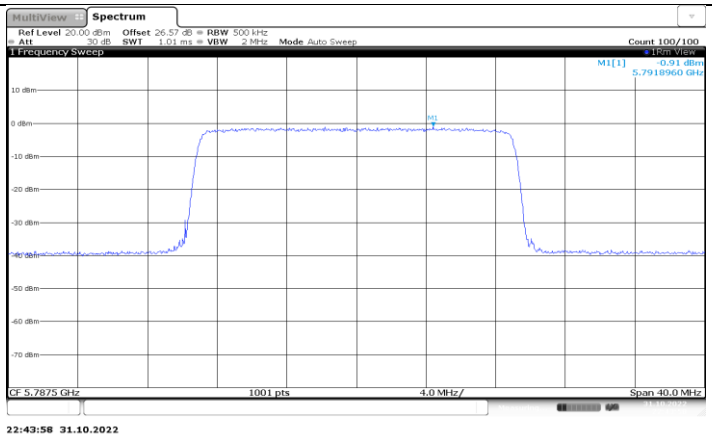
20 MHz _Ant0_5735.5



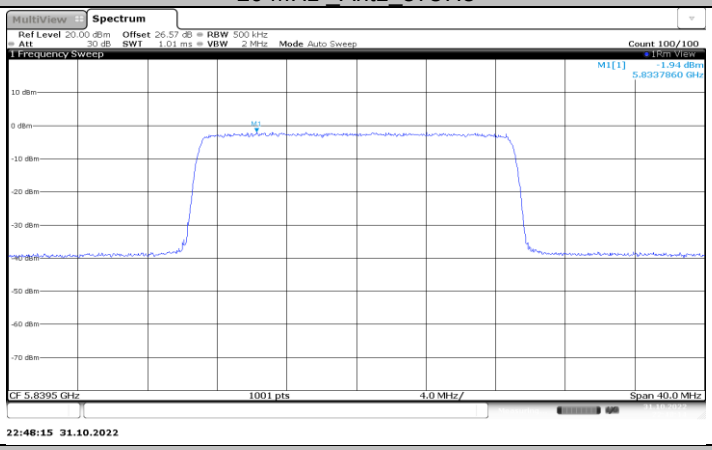
20 MHz _Ant1_5735.5



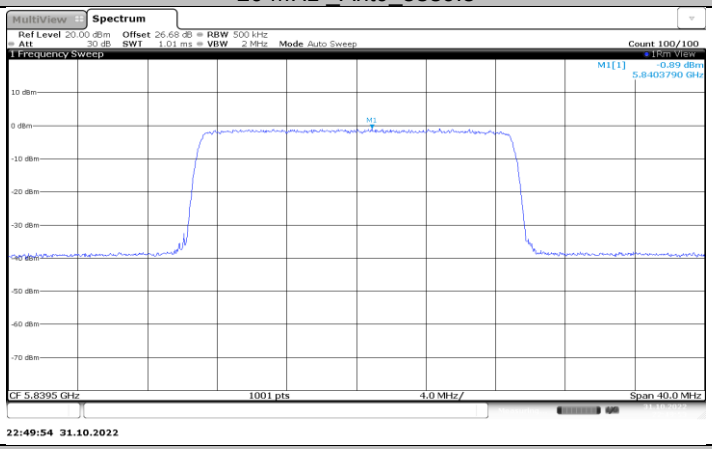
20 MHz _Ant0_5787.5



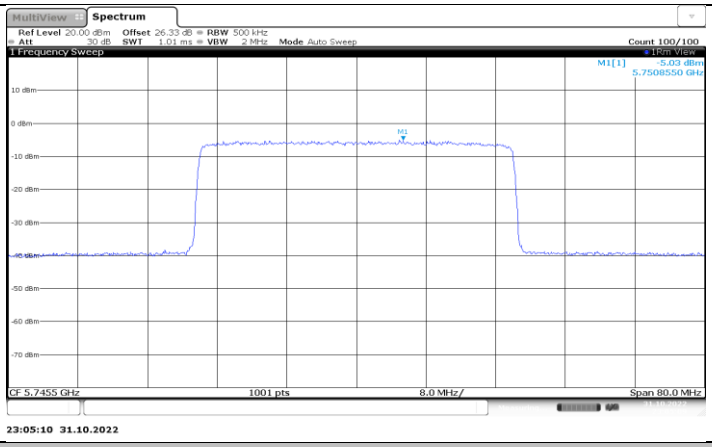
20 MHz _Ant1_5787.5



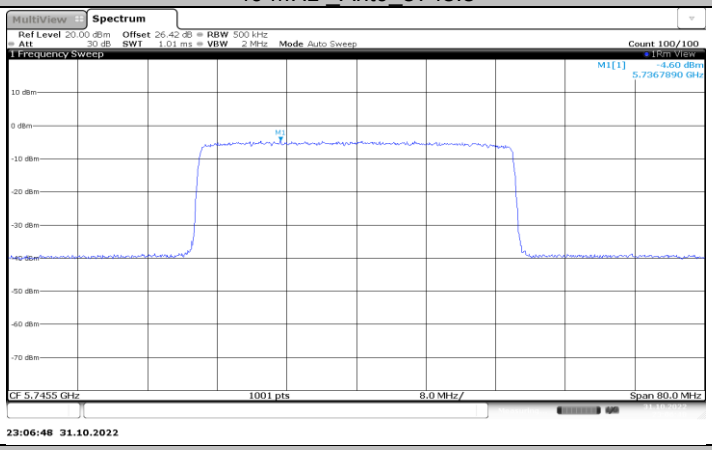
20 MHz _Ant0_5839.5



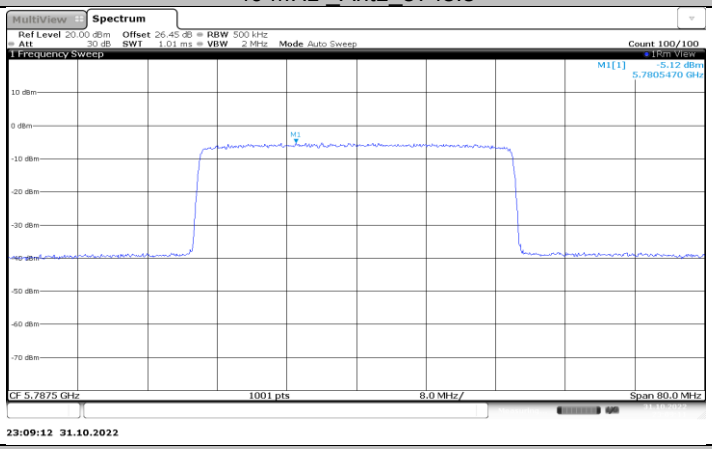
20 MHz _Ant1_5839.5



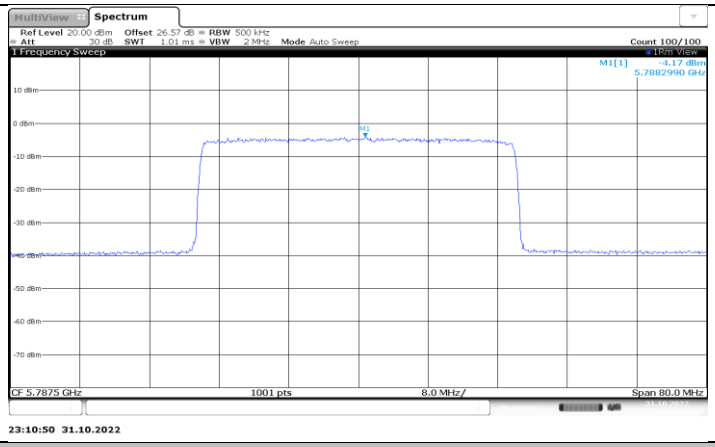
40 MHz _Ant0_5745.5



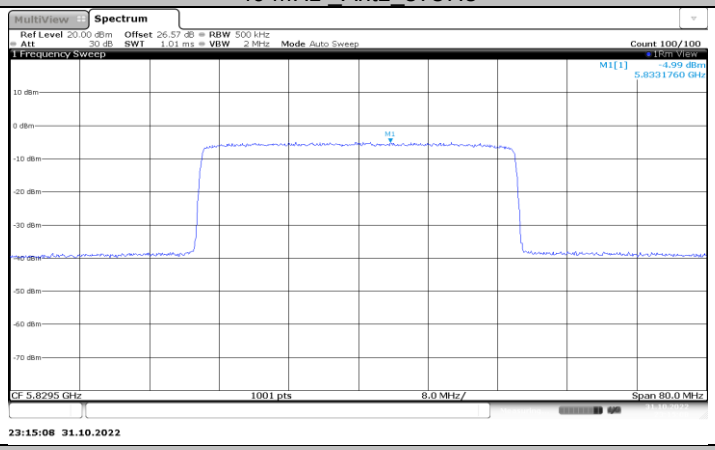
40 MHz _Ant1_5745.5



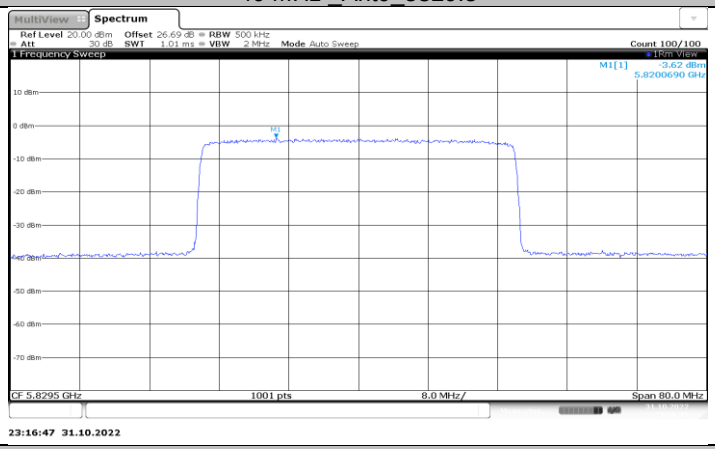
40 MHz _Ant0_5787.5



40 MHz _Ant1_5787.5



40 MHz _Ant0_5829.5



40 MHz _Ant1_5829.5

11.5. APPENDIX D: DUTY CYCLE

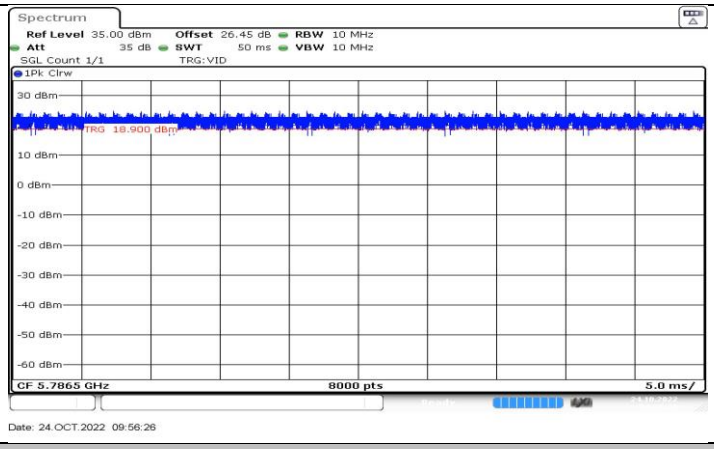
11.5.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Final setting For VBW (kHz)
1.4 MHz	50	50	1.0000	100.00	0.01
1.4 MHz CA	50	50	1.0000	100.00	0.01

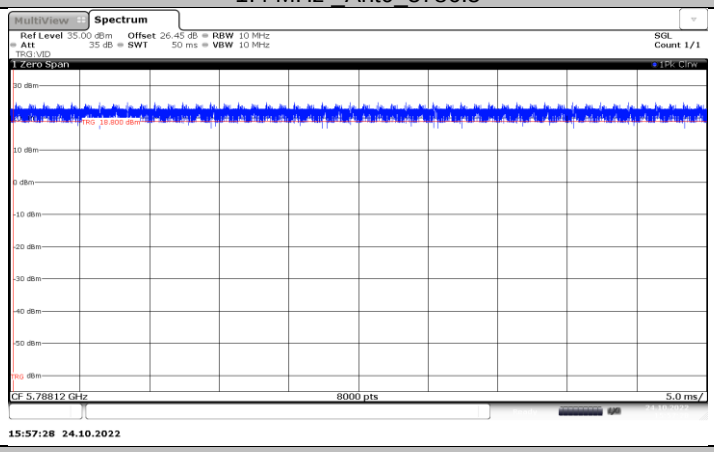
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Final setting For VBW (kHz)
3 MHz	50	50	1.0000	100.00	0.01
3 MHz CA	50	50	1.0000	100.00	0.01

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Final setting For VBW (kHz)
10 MHz	30	30	1.0000	100.00	0.01
20 MHz	100	100	1.0000	100.00	0.01
40 MHz	100	100	1.0000	100.00	0.01

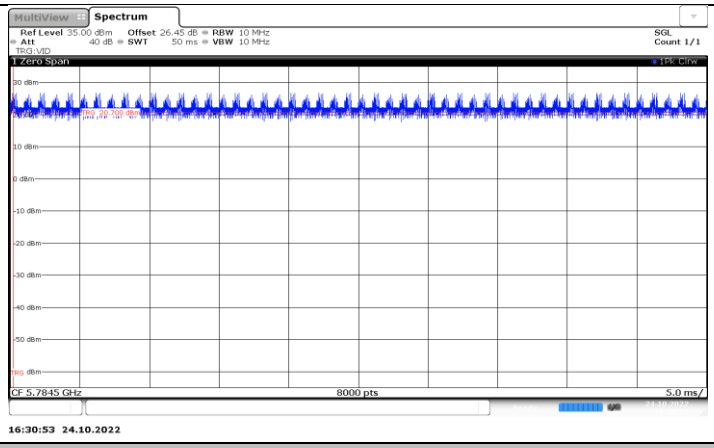
11.5.2. Test Graphs



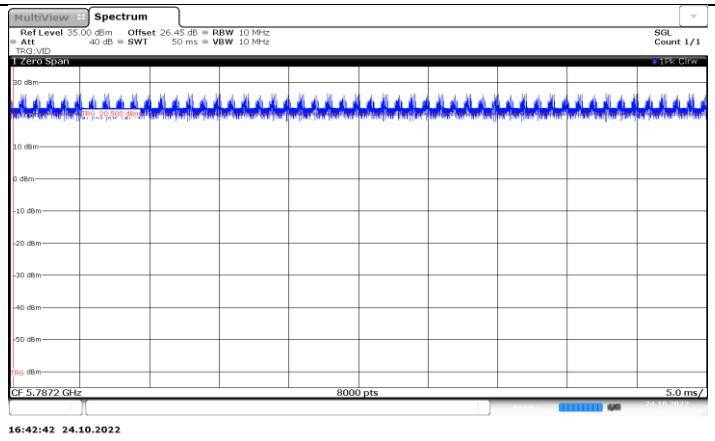
1.4 MHz _Ant0_5786.5



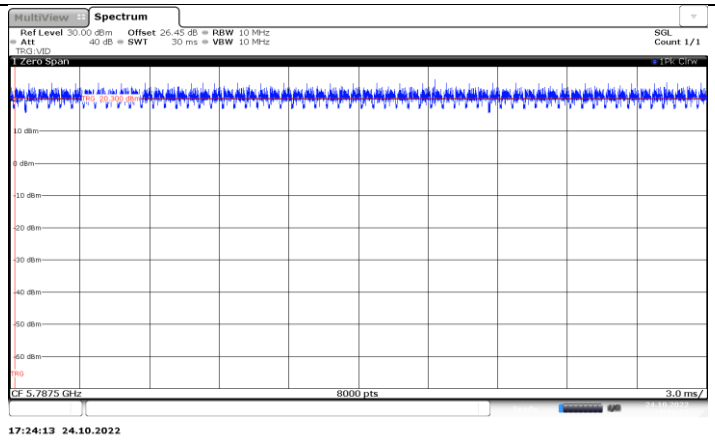
1.4 MHz CA_Ant0_5788.12



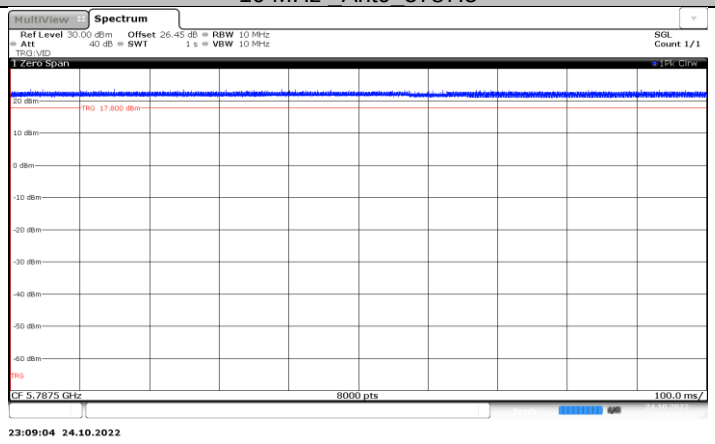
3 MHz _Ant0_5784.5



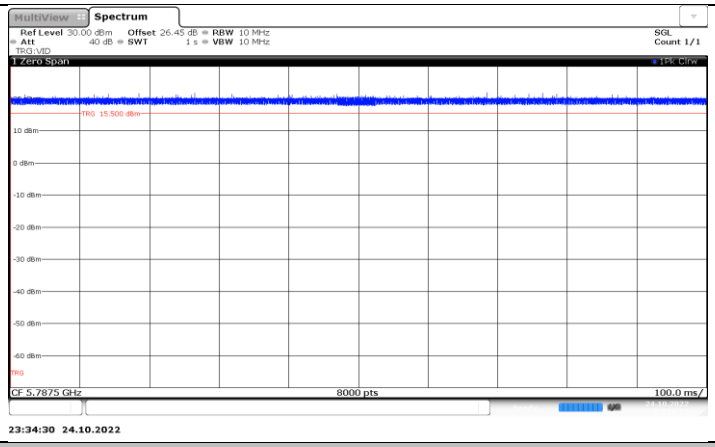
3 MHz CA_Ant0_5787.2



10 MHz _Ant0_5787.5



20 MHz _Ant0_5787.5



40 MHz _Ant0_5787.5

11.6. APPENDIX E: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
1.4 MHz Mode: 5786.5 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
T_N	V_L	5786.4861	-2.39	5786.4883	-2.01	5786.4972	-0.48	5786.4907	-1.61
T_N	V_N	5786.5115	1.99	5786.5045	0.79	5786.5186	3.22	5786.5075	1.30
T_N	V_H	5786.4842	-2.73	5786.4786	-3.70	5786.4887	-1.95	5786.5002	0.03
Frequency Error vs. Temperature									
1.4 MHz Mode: 5786.5 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	V_N	5786.4959	-0.71	5786.4828	-2.98	5786.5005	0.08	5786.5008	0.14
30	V_N	5786.5239	4.13	5786.5003	0.05	5786.5102	1.76	5786.5225	3.89
20	V_N	5786.5001	0.02	5786.5166	2.87	5786.5202	3.50	5786.4853	-2.54
10	V_N	5786.4953	-0.81	5786.5041	0.71	5786.4947	-0.92	5786.5145	2.51
0	V_N	5786.5115	1.99	5786.5210	3.62	5786.4975	-0.42	5786.5106	1.83
-10	V_N	5786.5116	2.01	5786.4828	-2.97	5786.5196	3.38	5786.5029	0.50

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

END OF REPORT