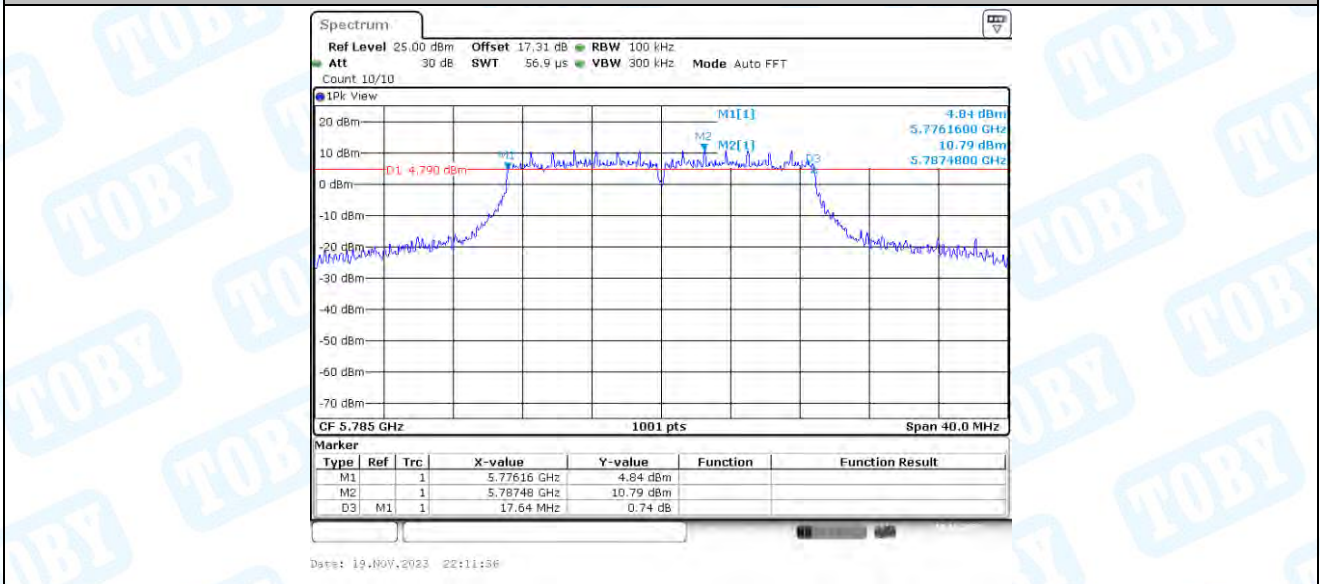
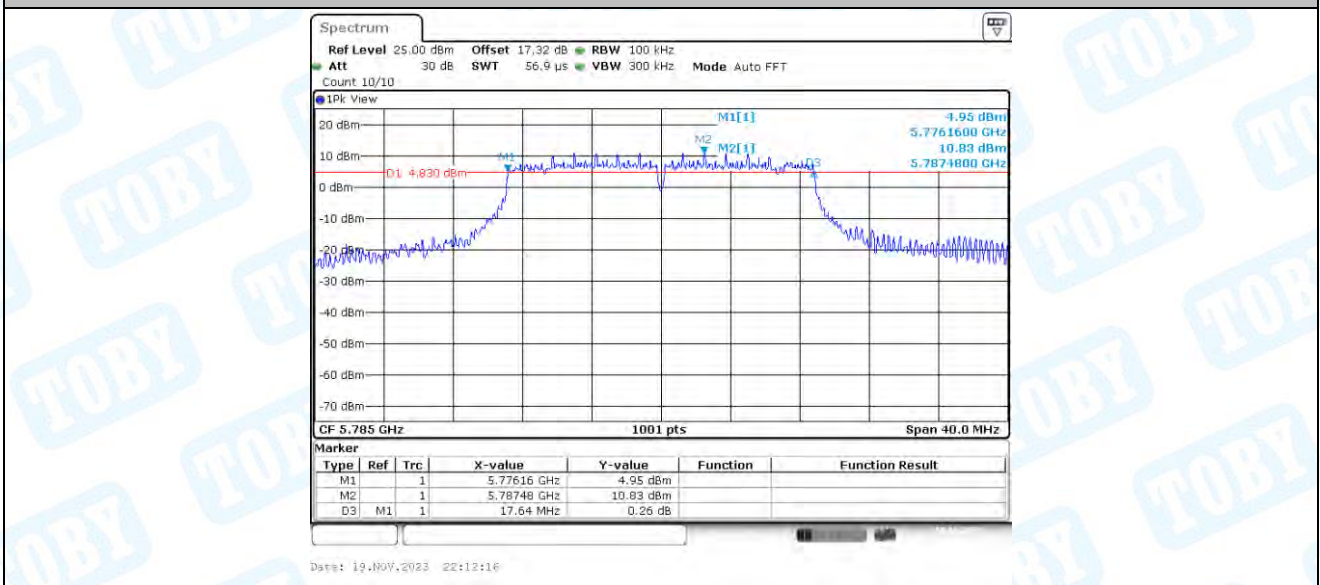


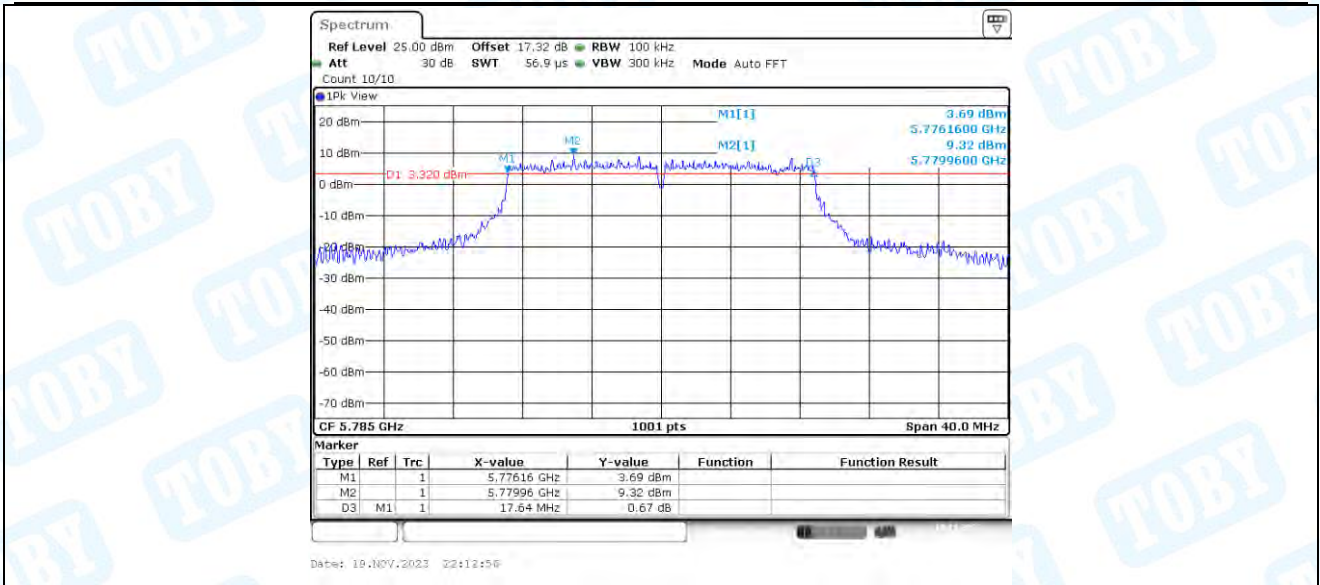
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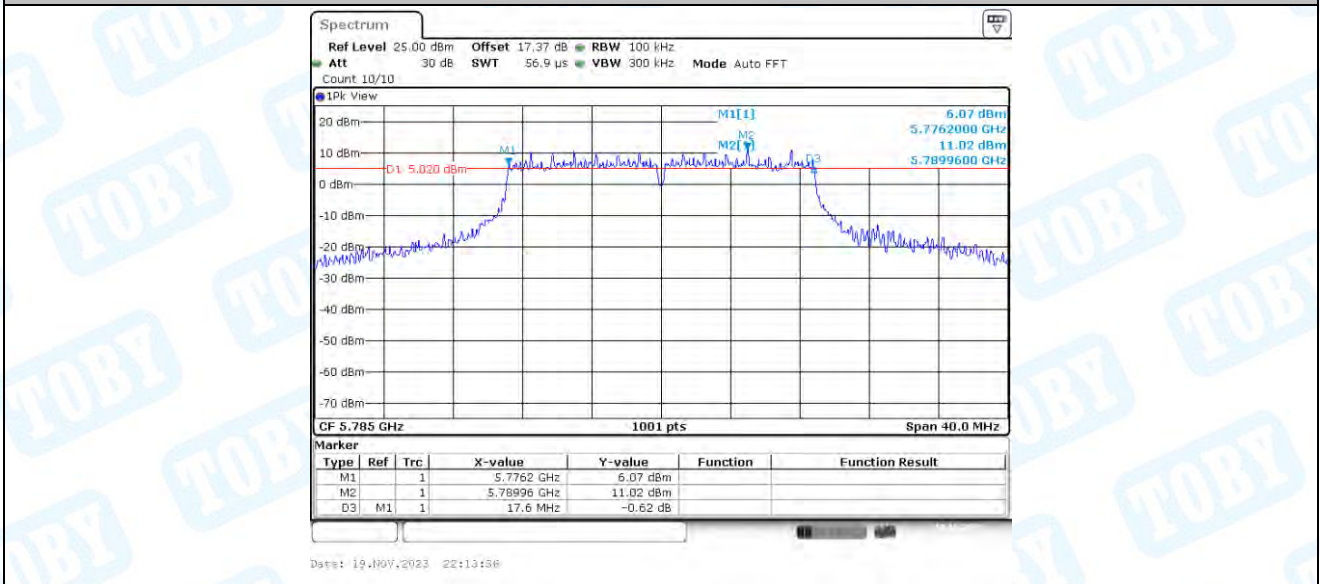
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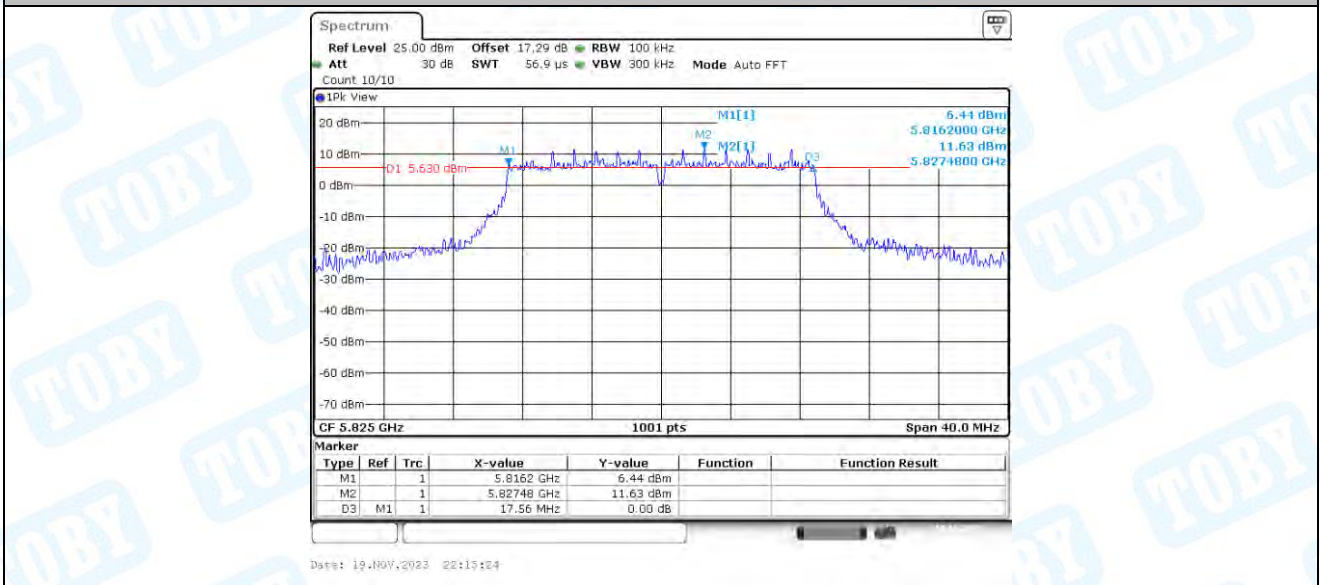
11N20-CDD\_Ant3\_5785



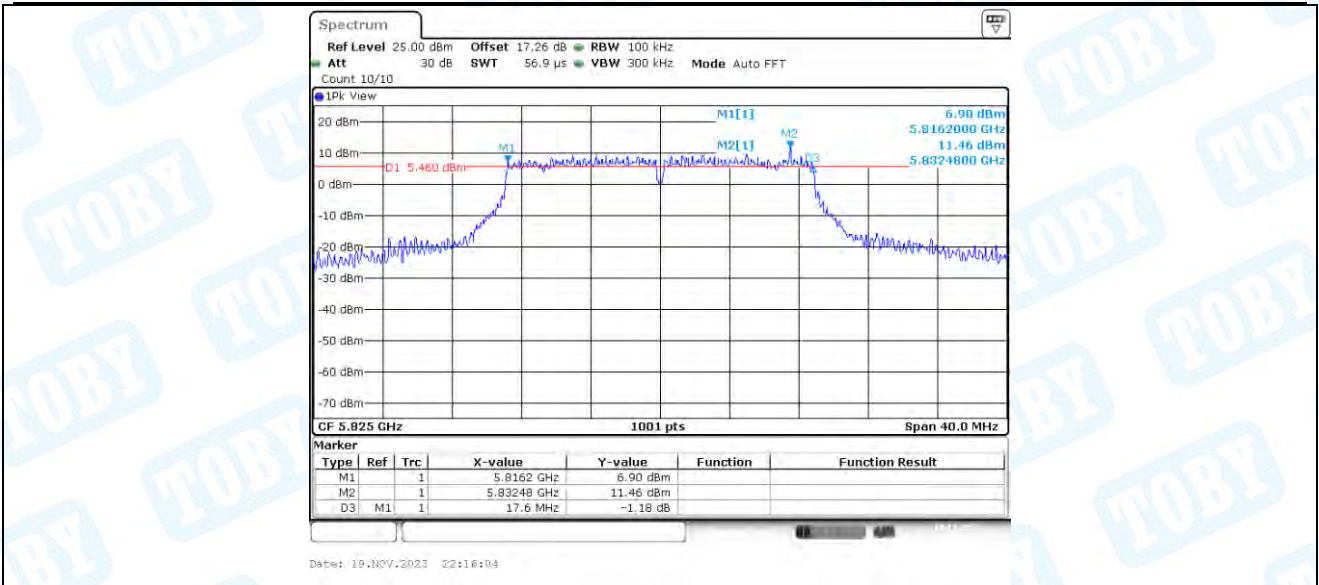
11N20-CDD\_Ant4\_5785



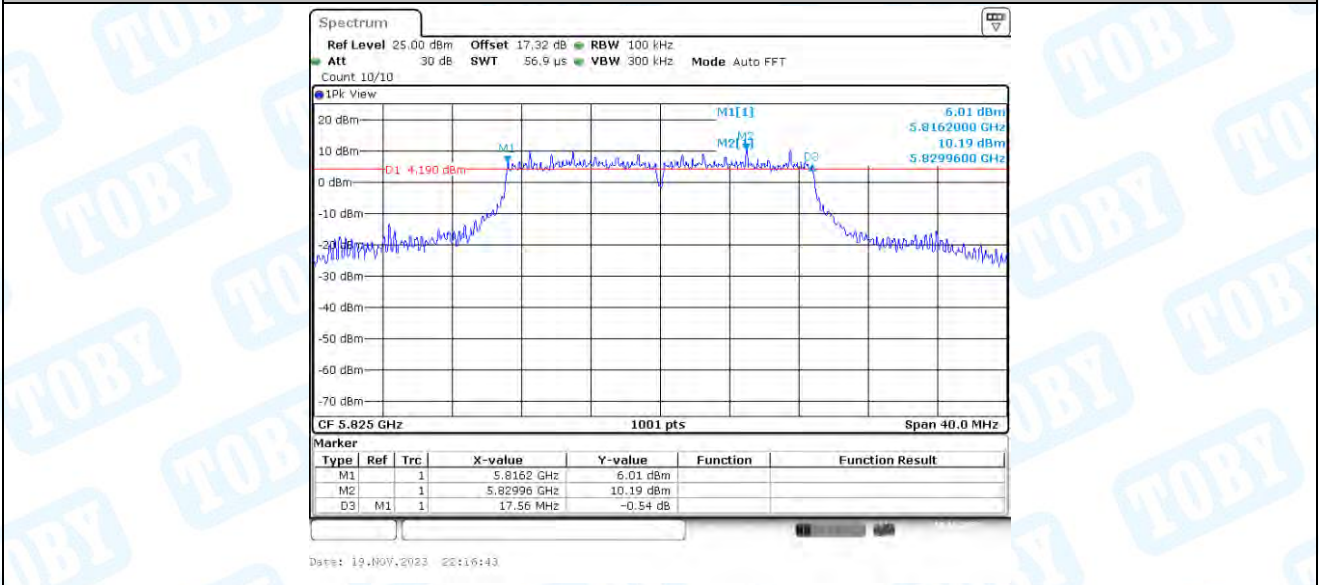
11N20-CDD\_Ant1\_5825



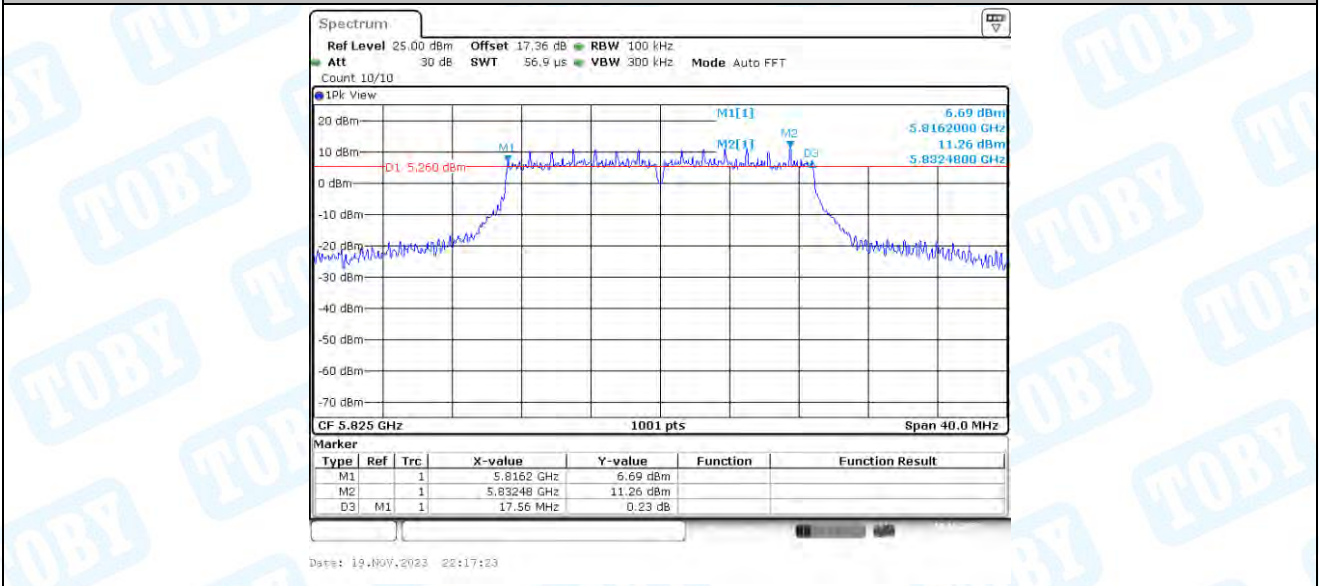
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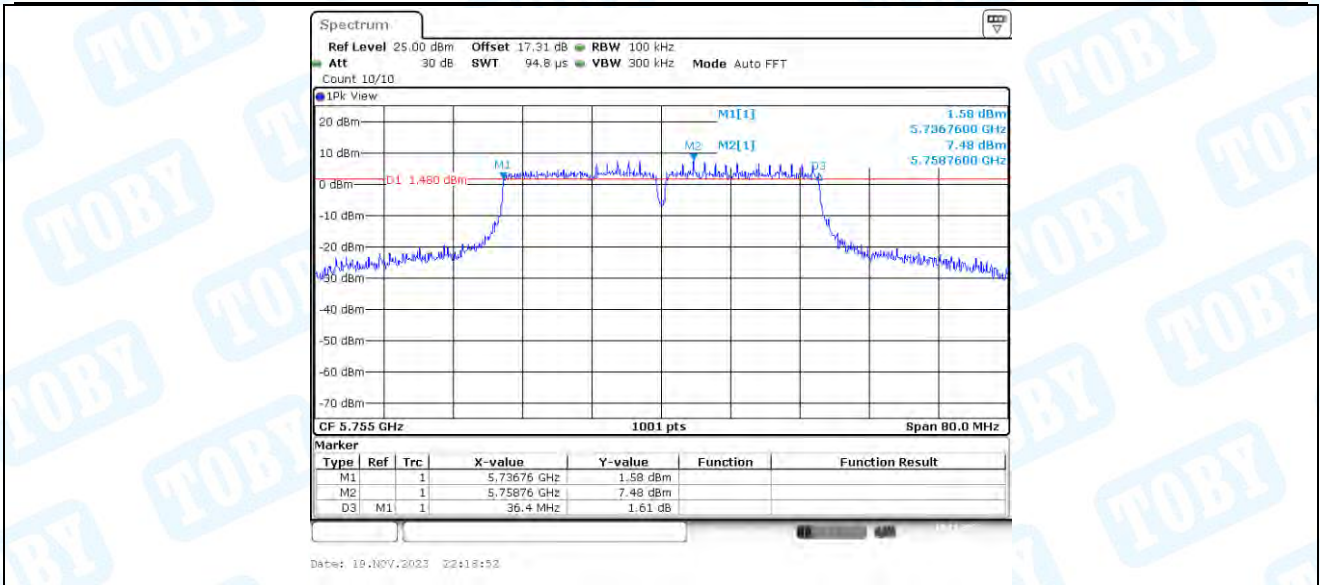
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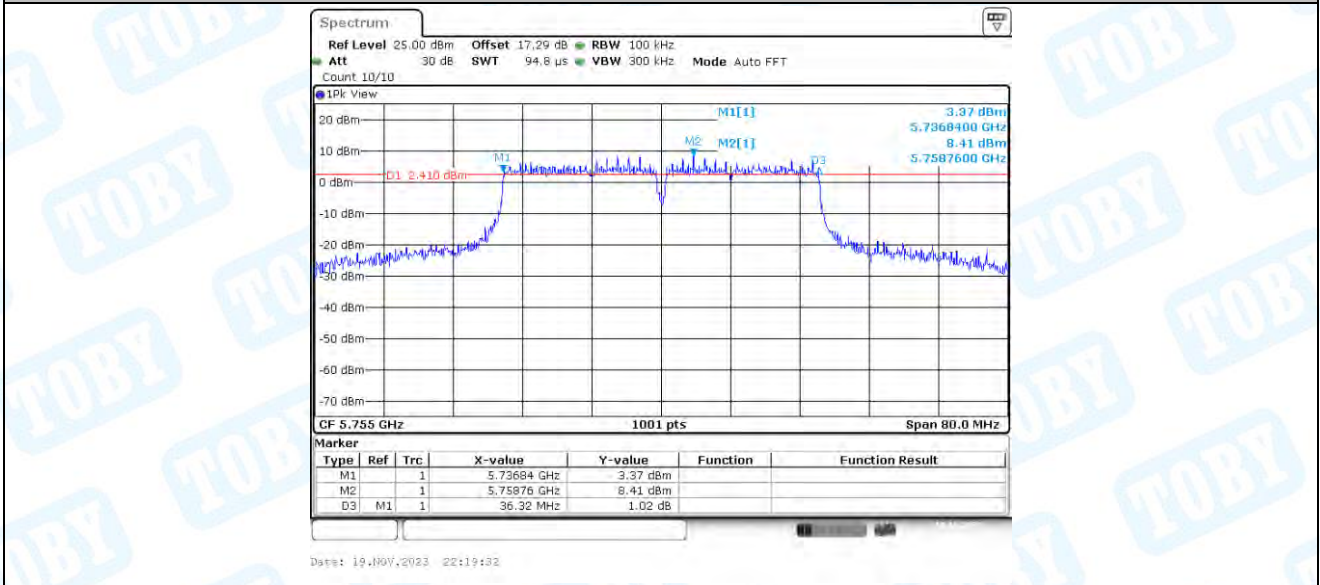
11N20-CDD\_Ant4\_5825



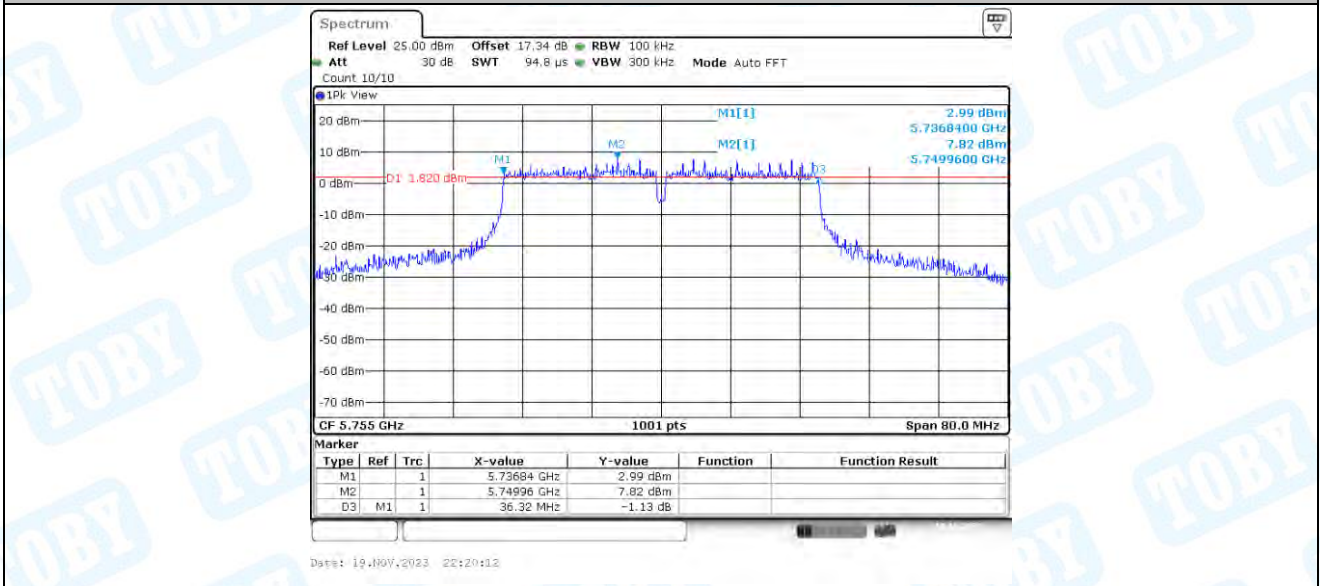
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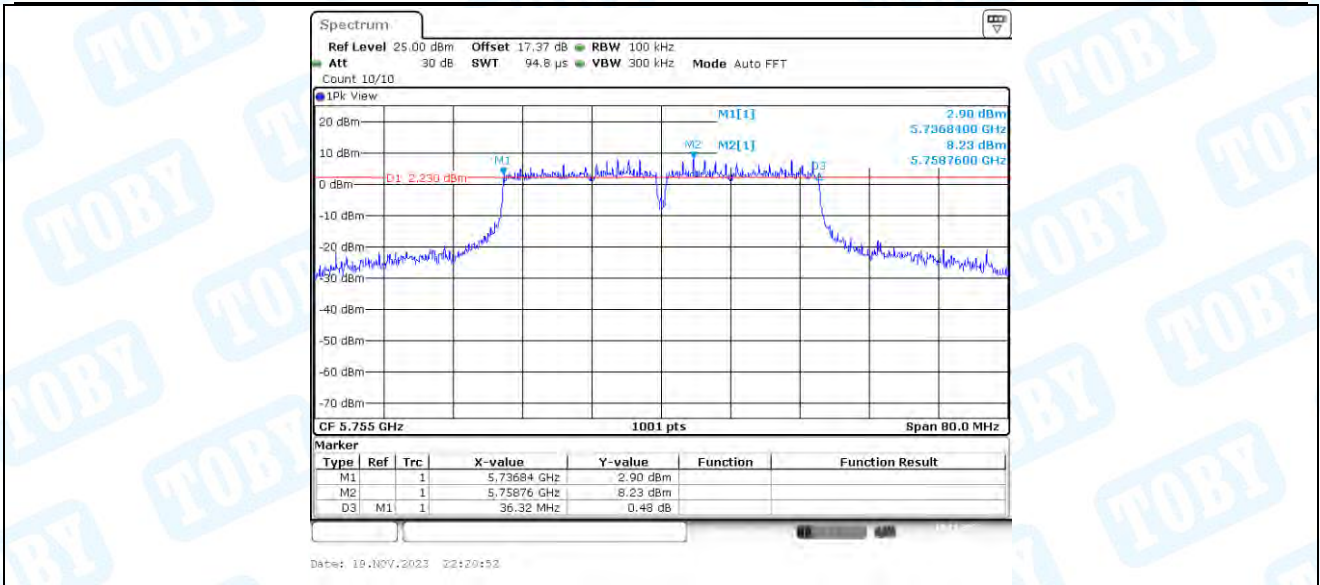
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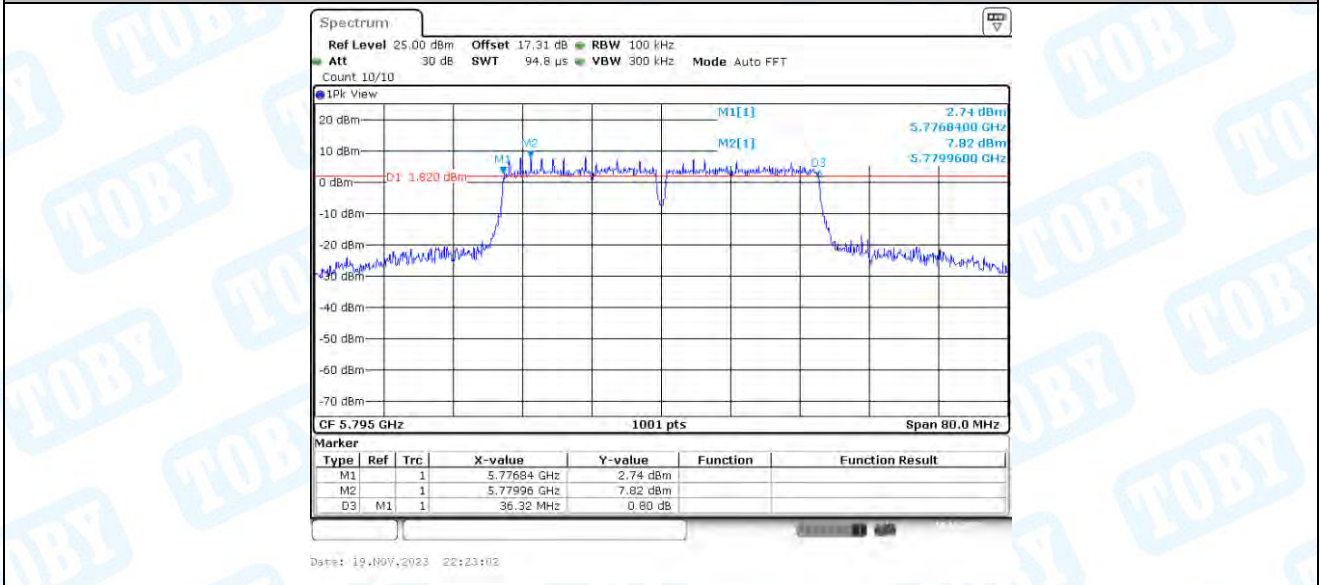
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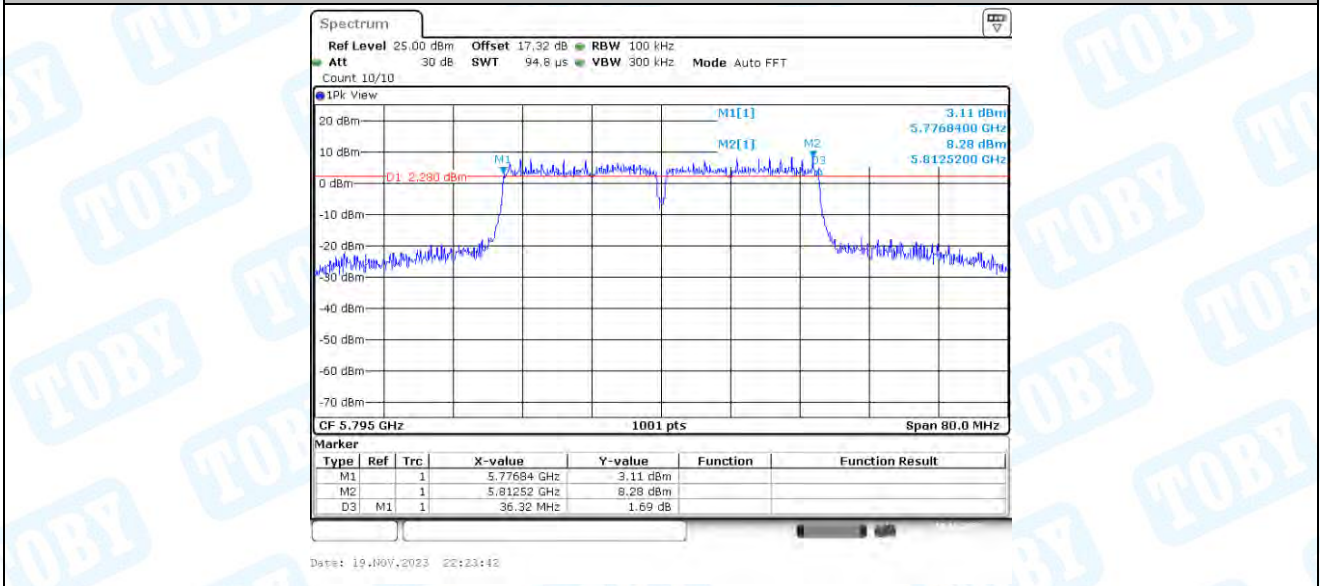
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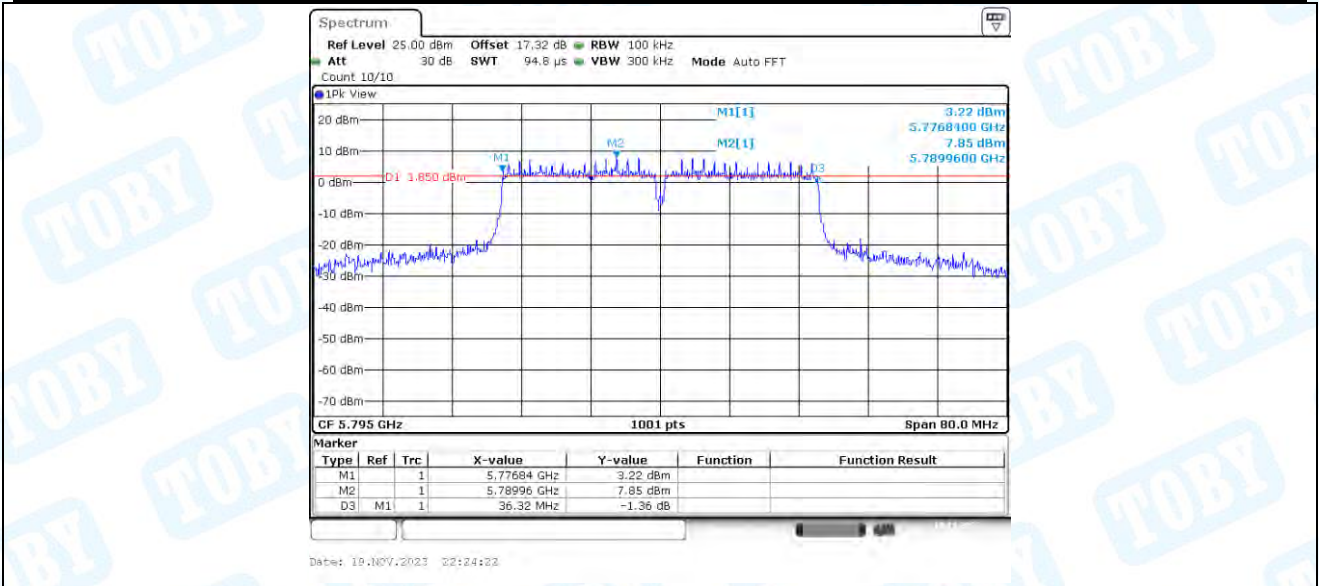
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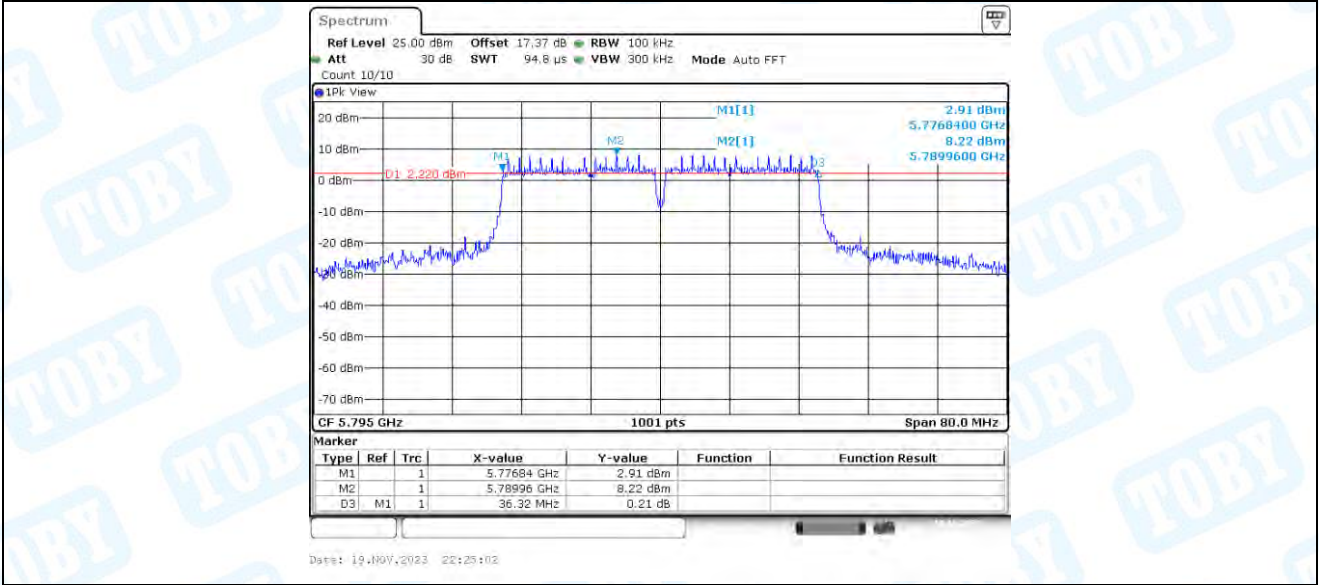
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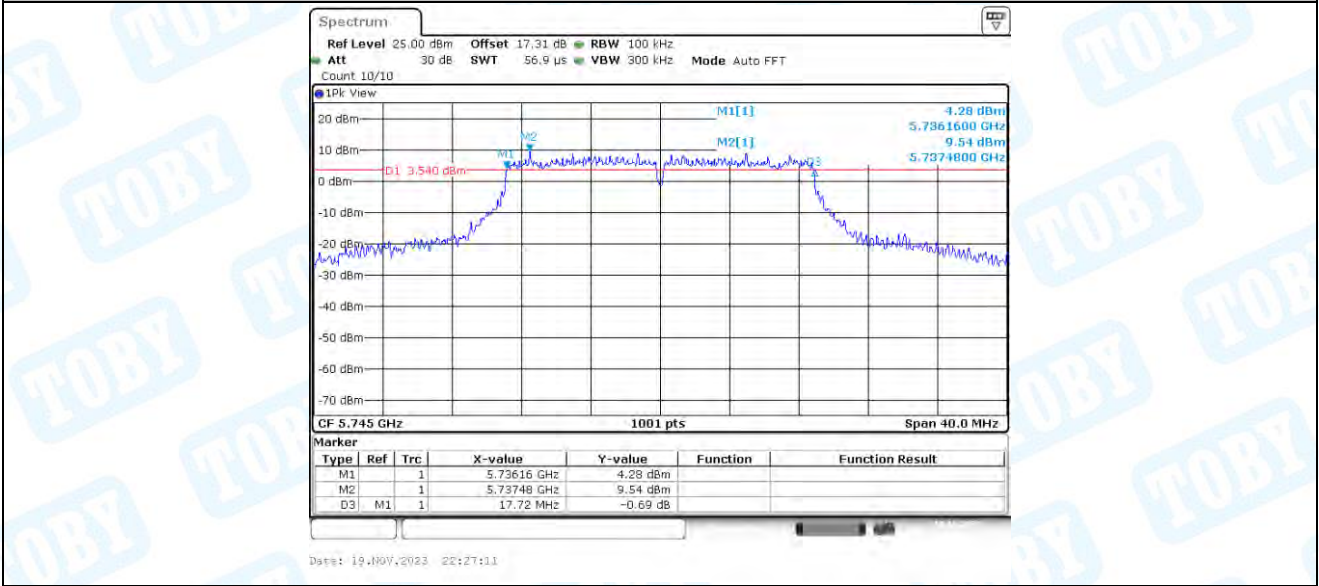
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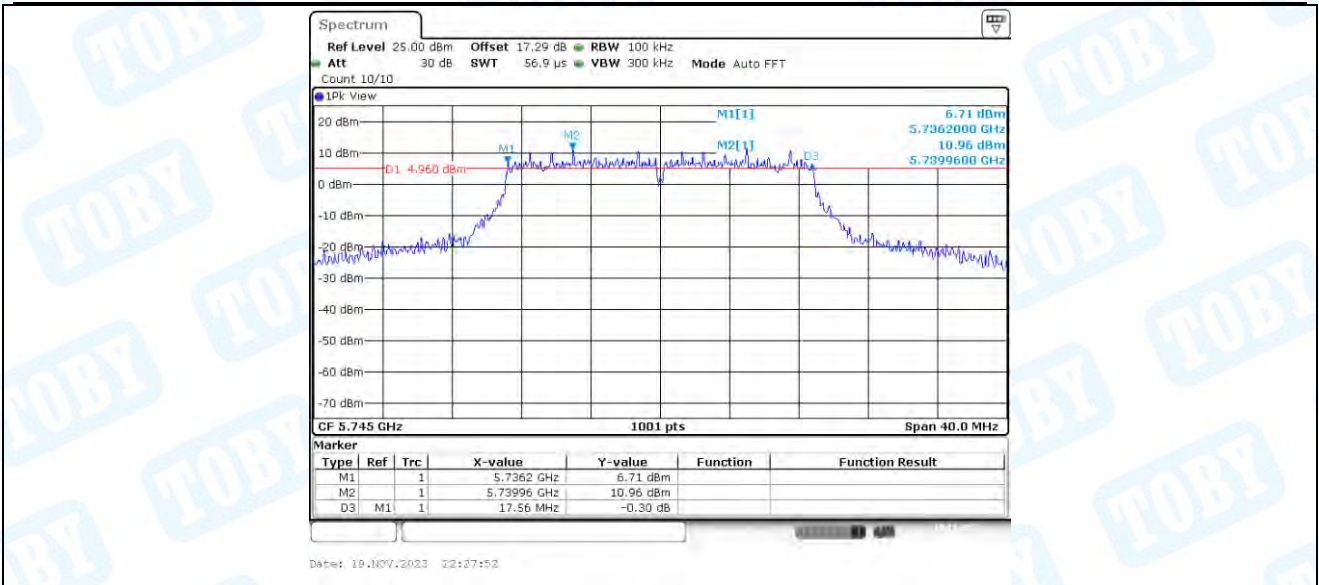
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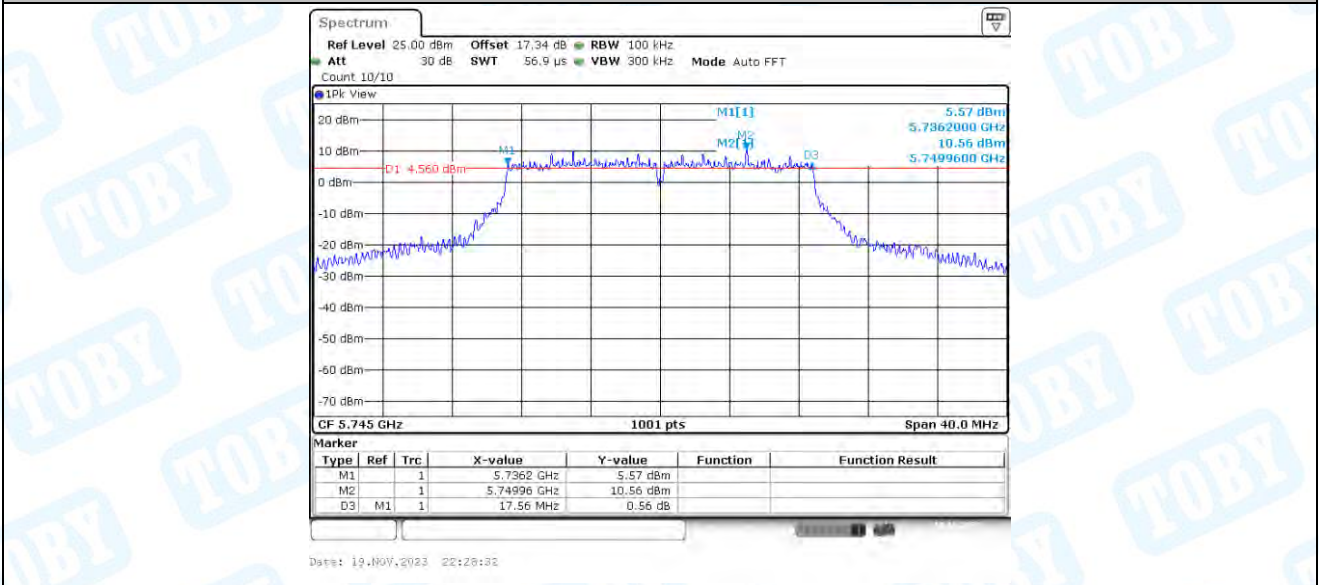
11AC20-CDD\_Ant1\_5745



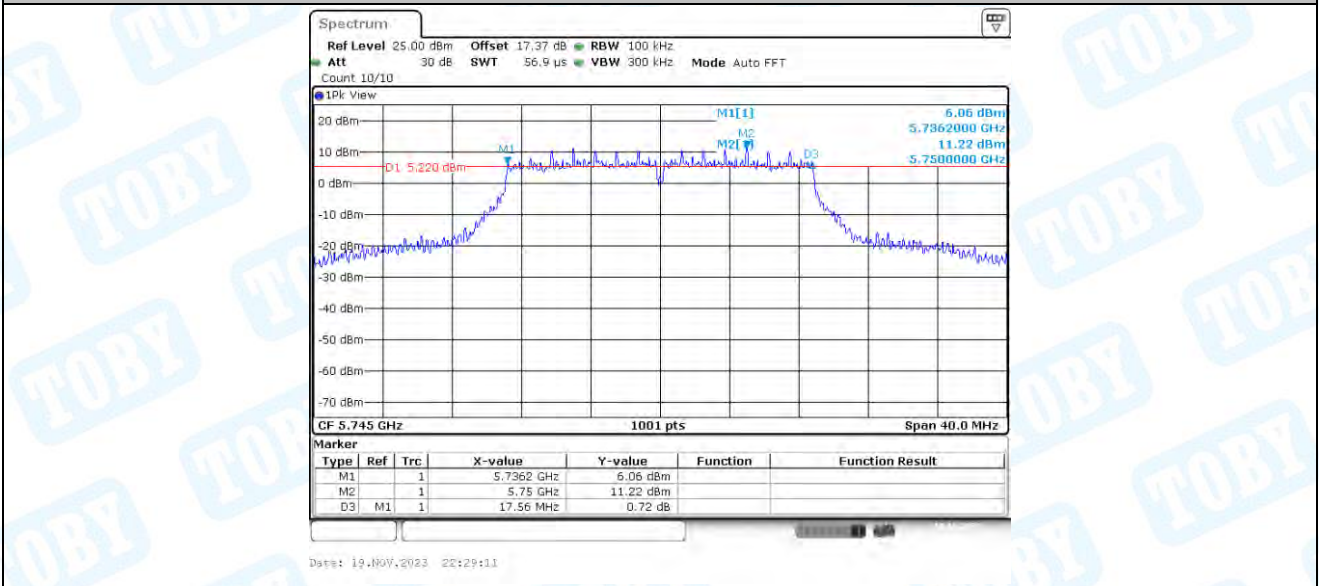
11AC20-CDD\_Ant2\_5745



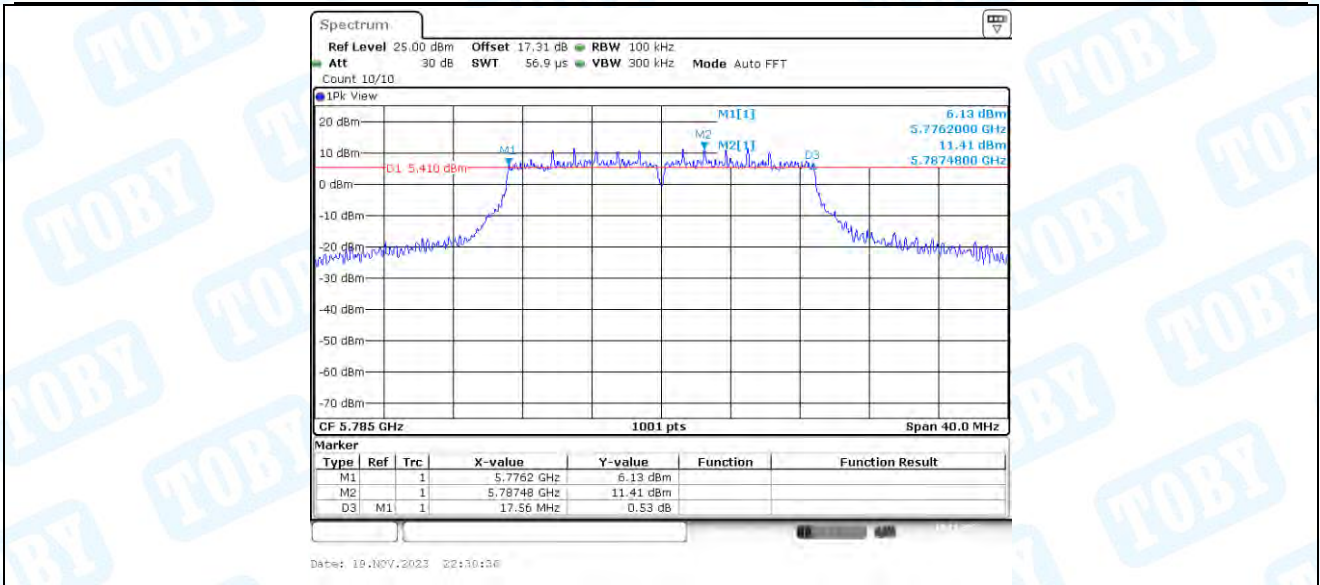
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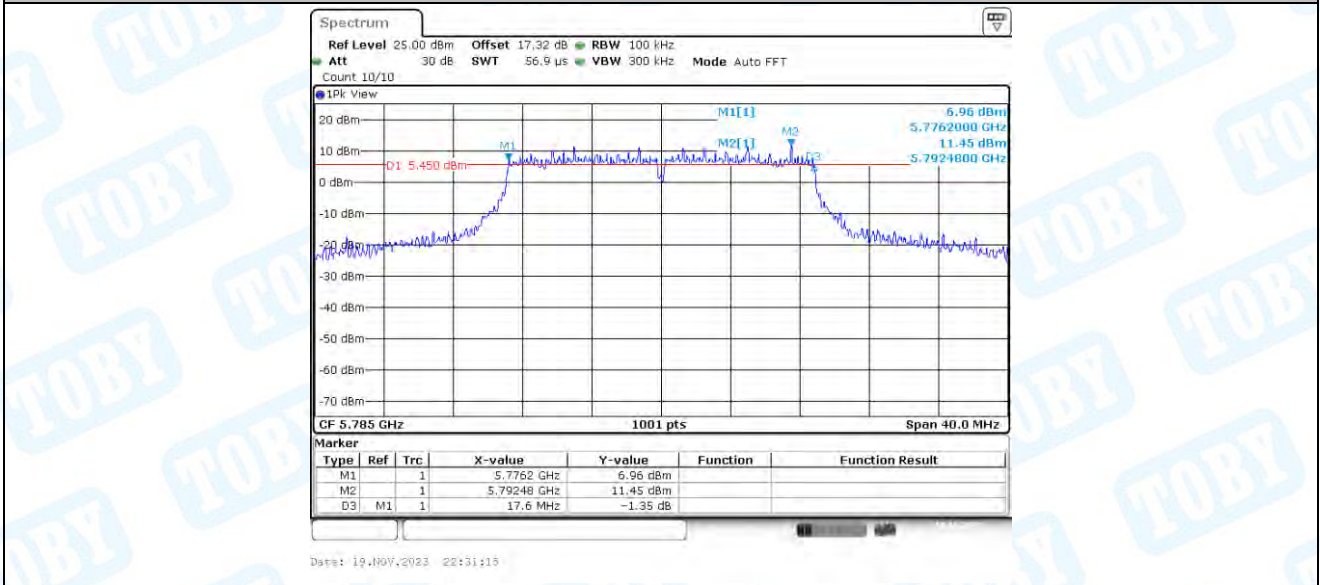
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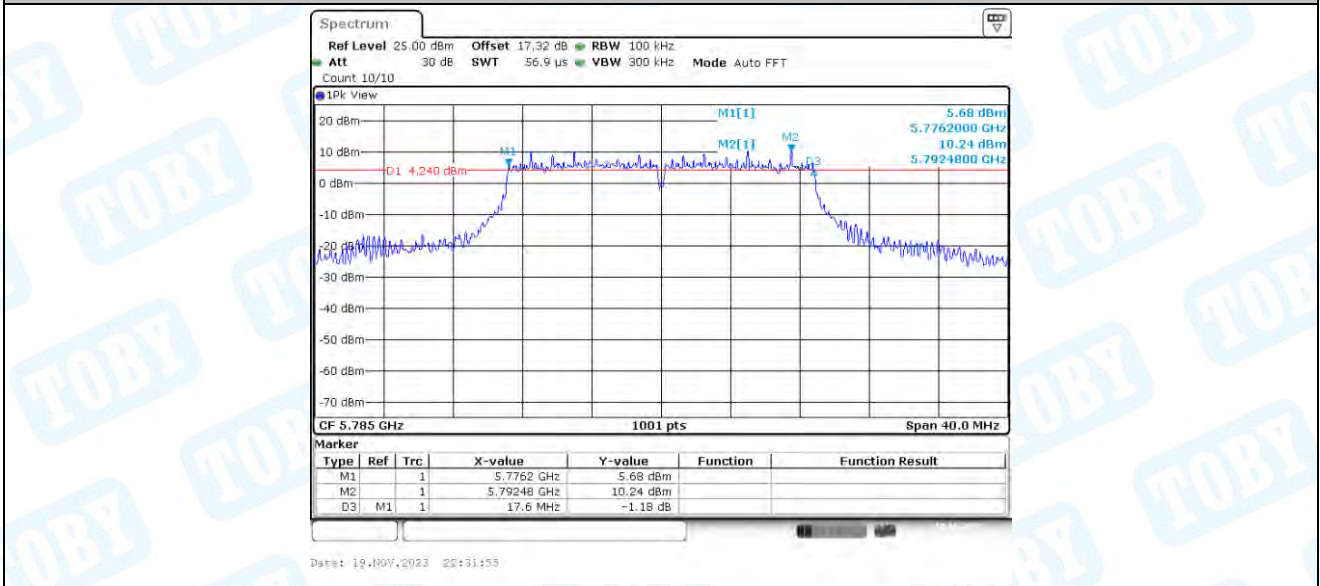
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11AC20-CDD\_Ant2\_5785

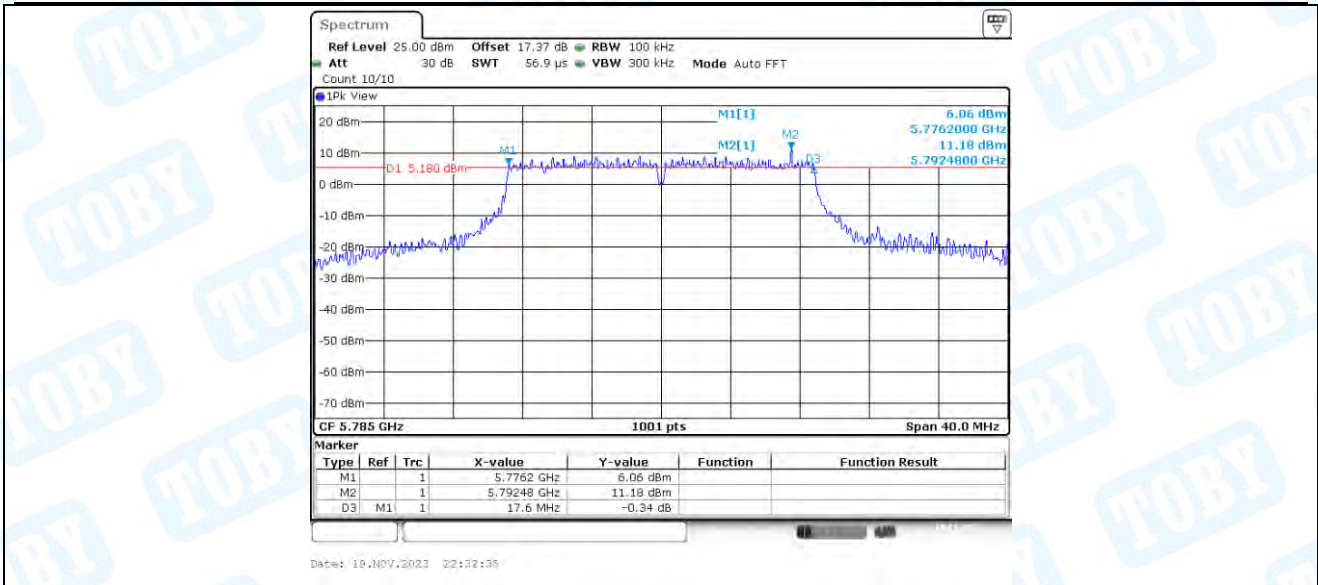


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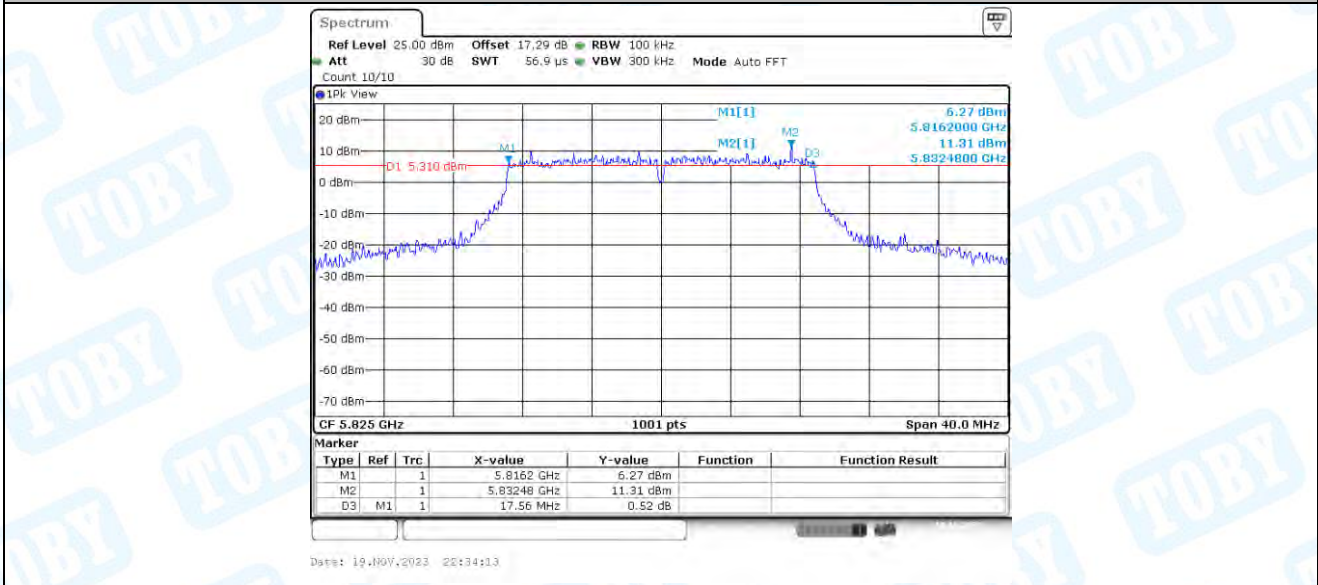


11AC20-CDD\_Ant4\_5785

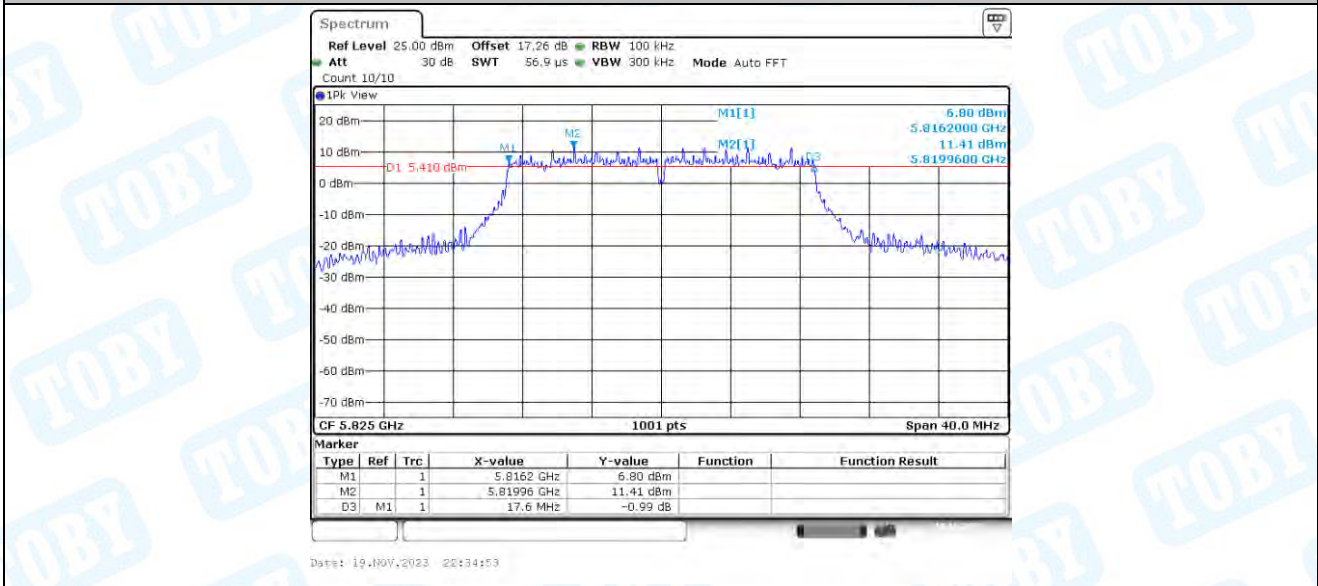




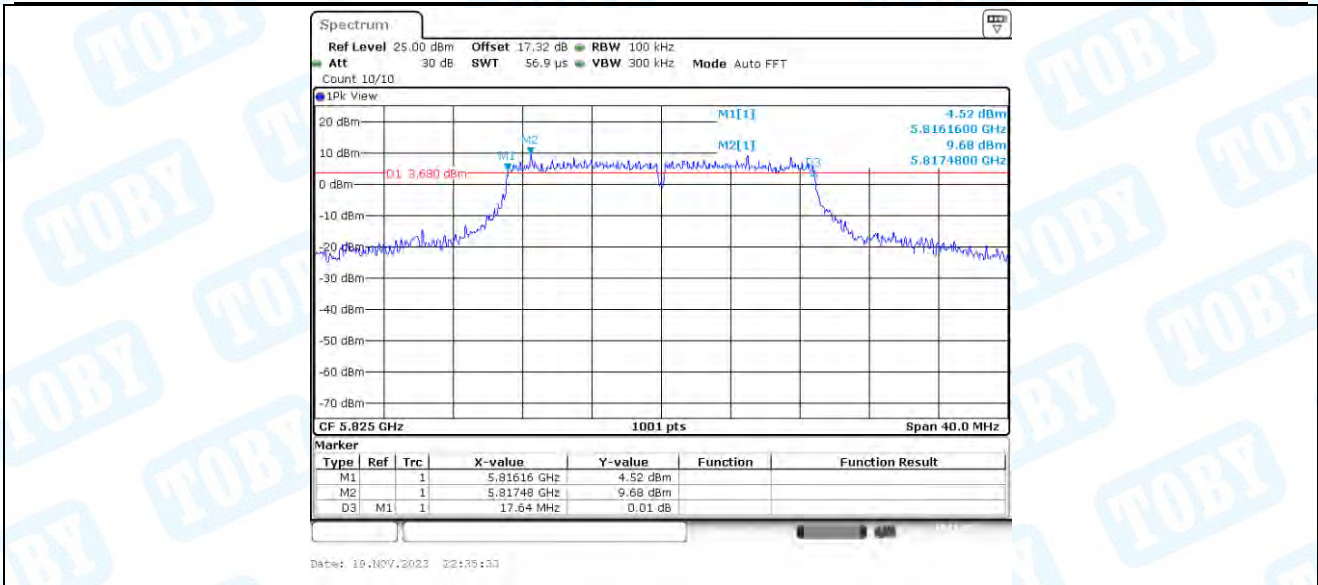
11AC20-CDD\_Ant1\_5825



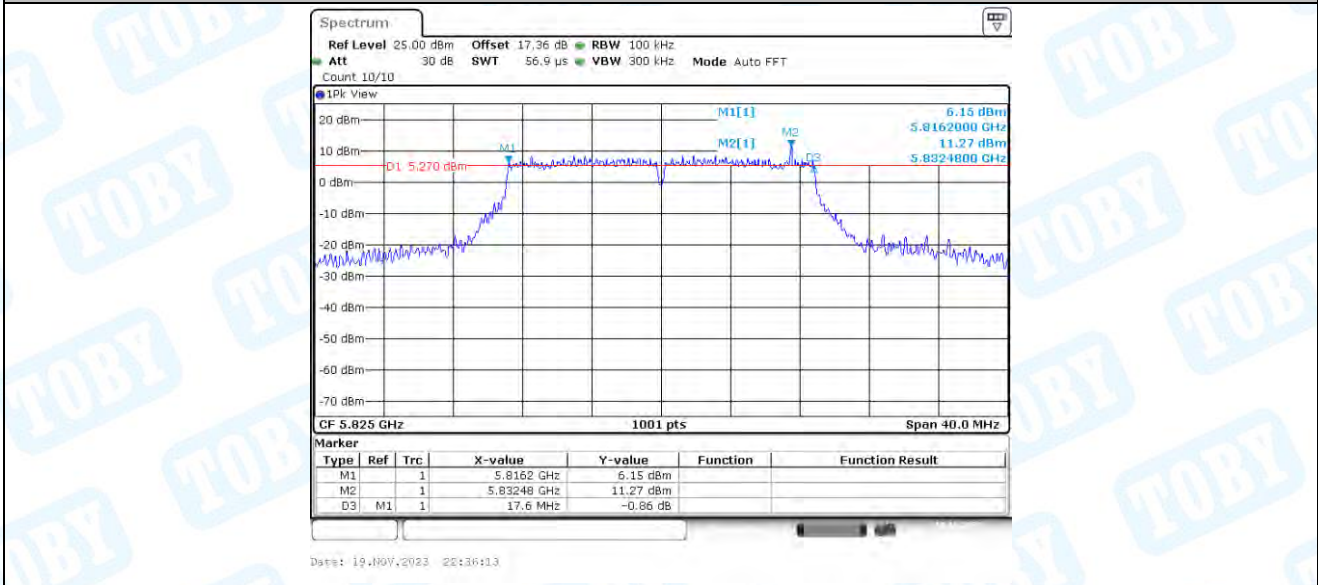
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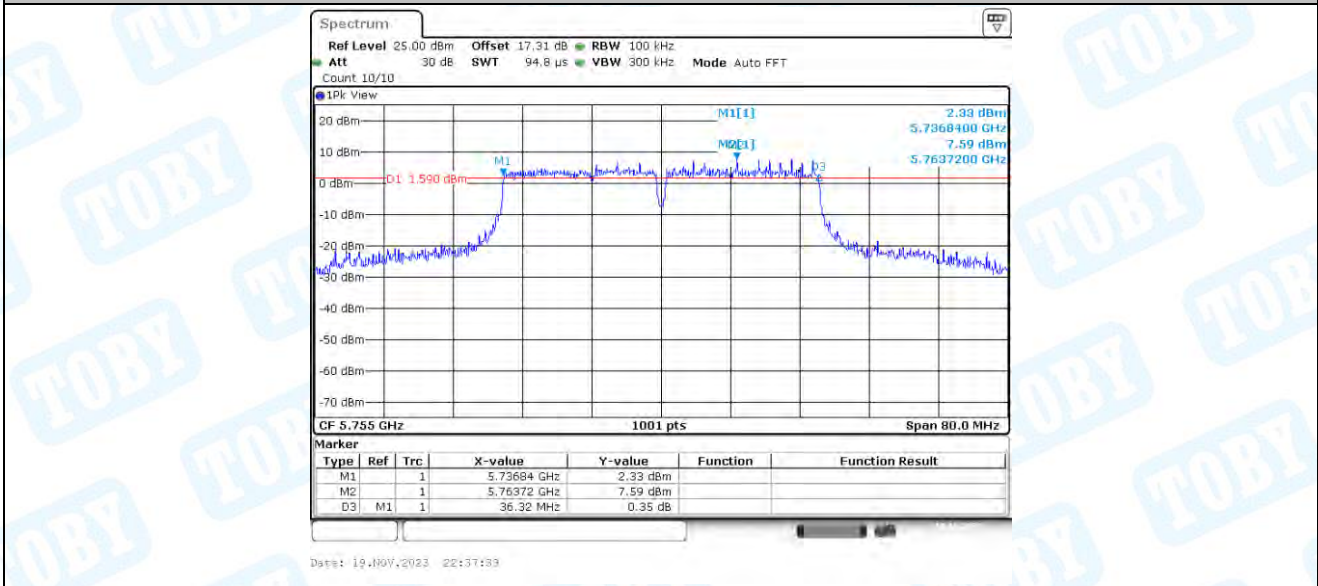
11AC20-CDD\_Ant3\_5825



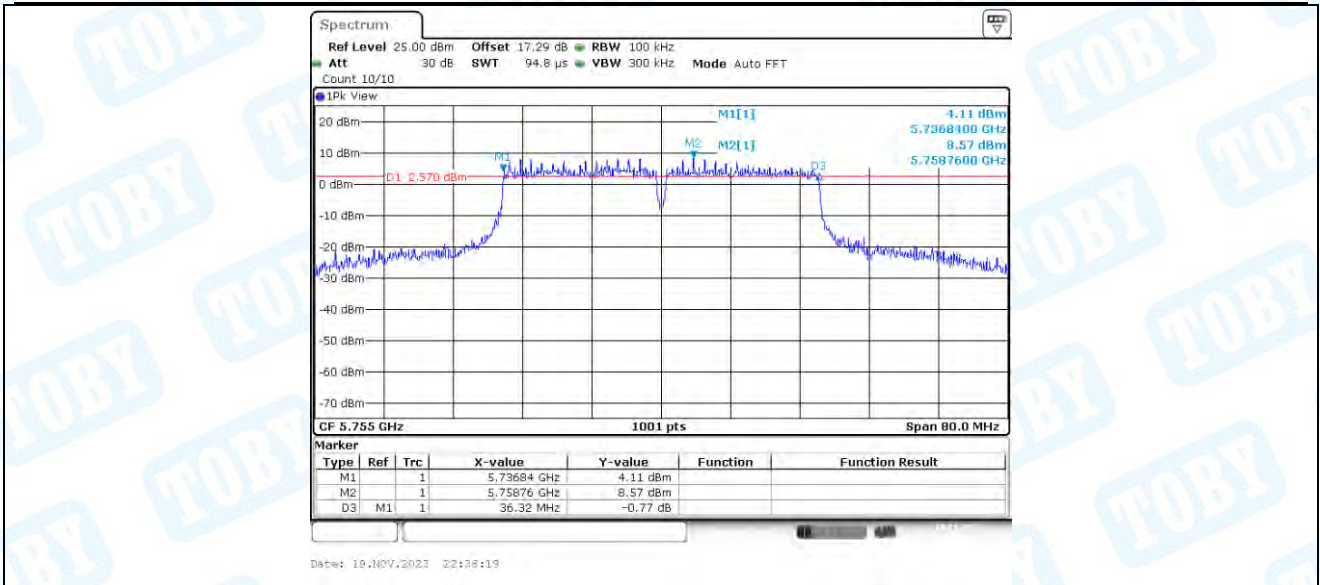
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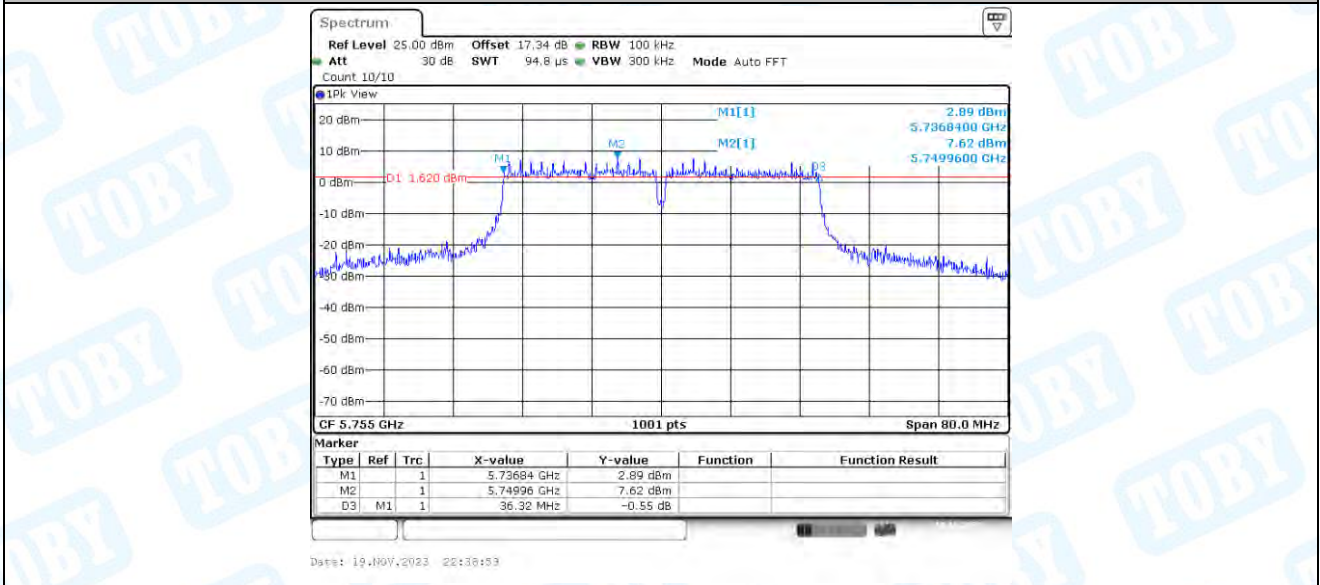
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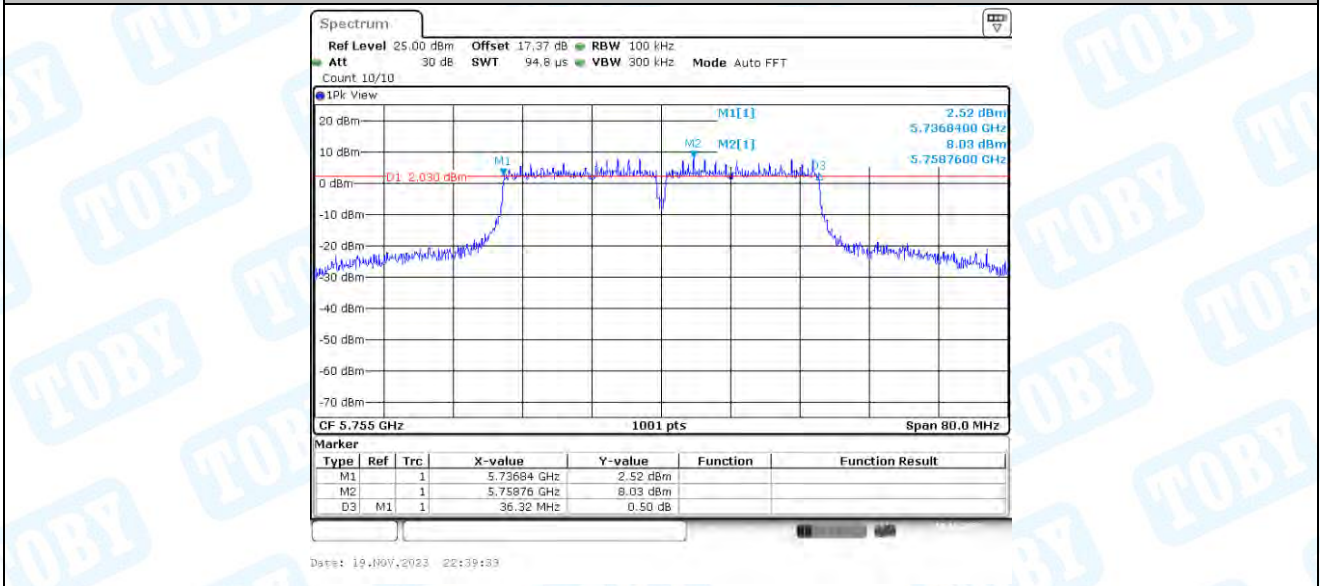
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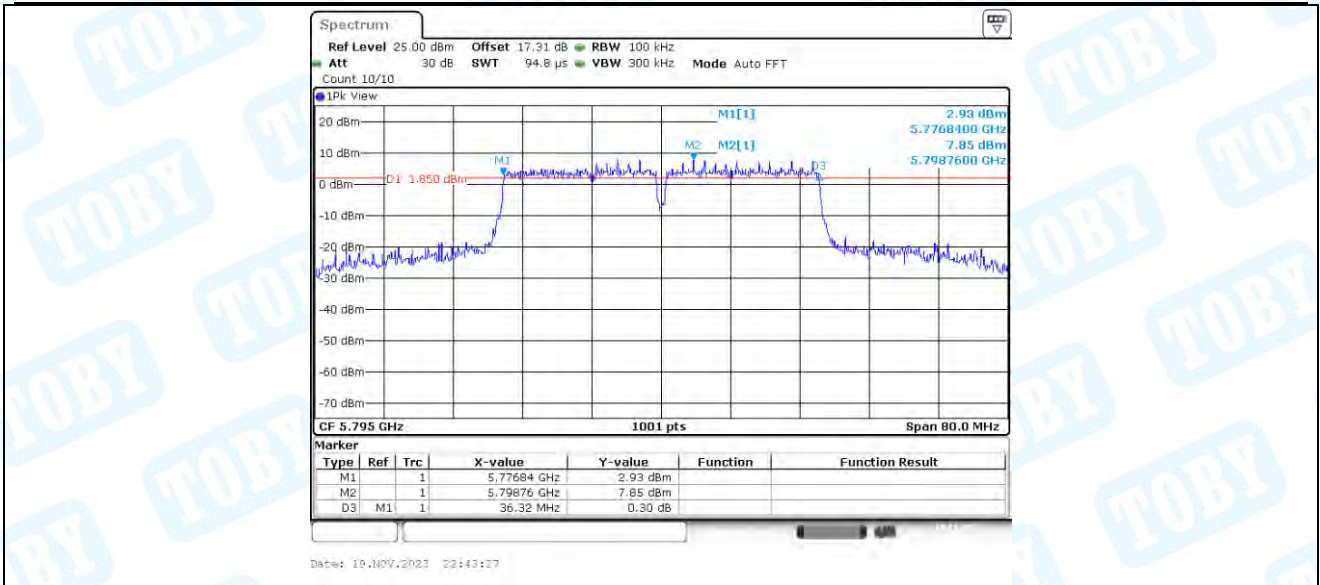
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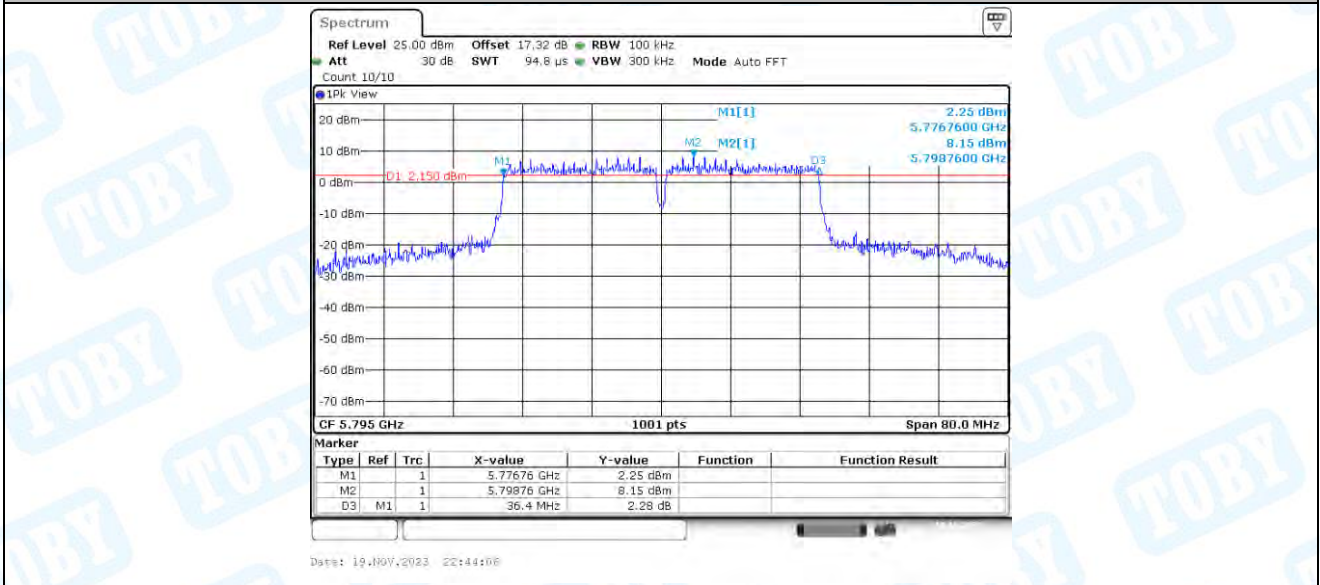
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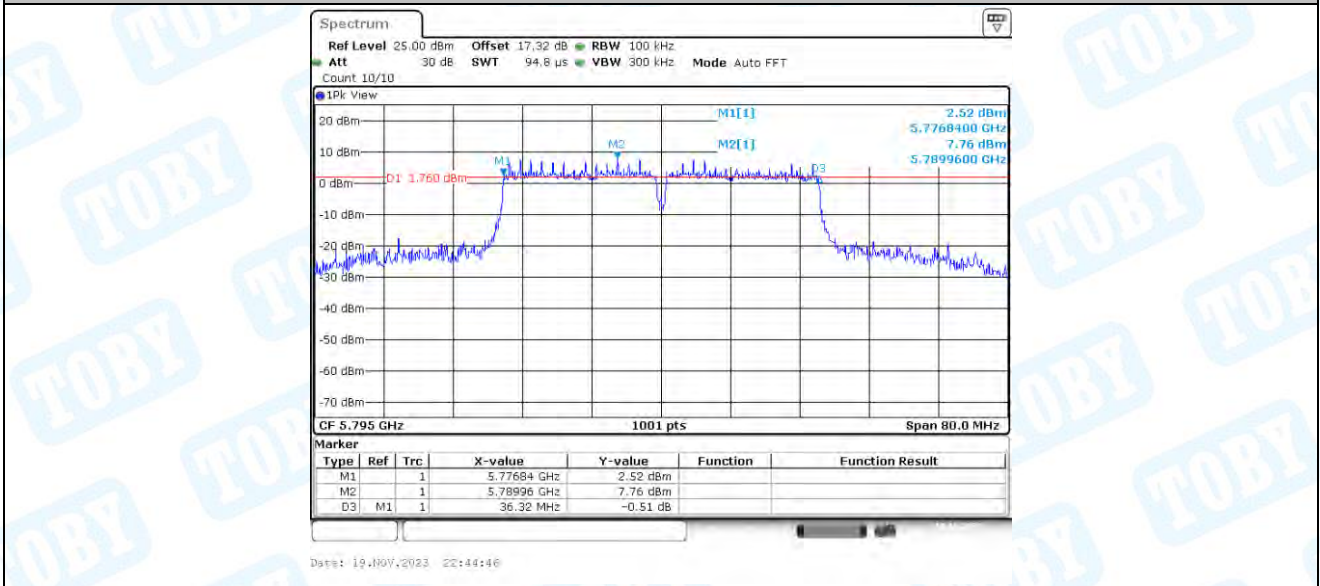
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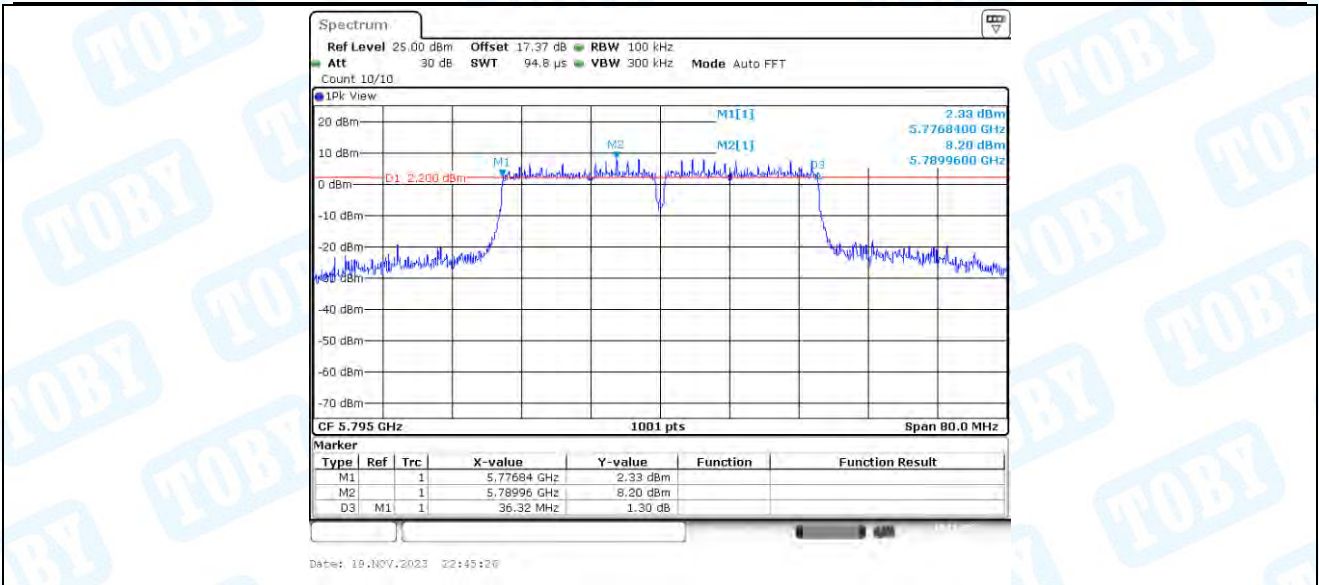
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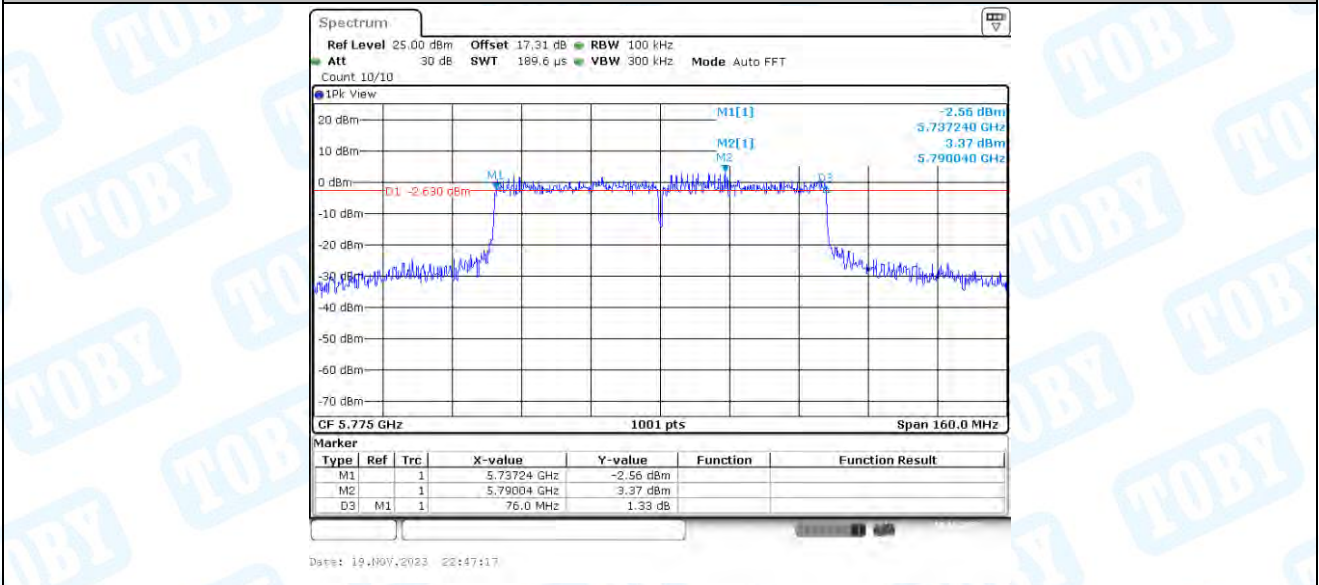
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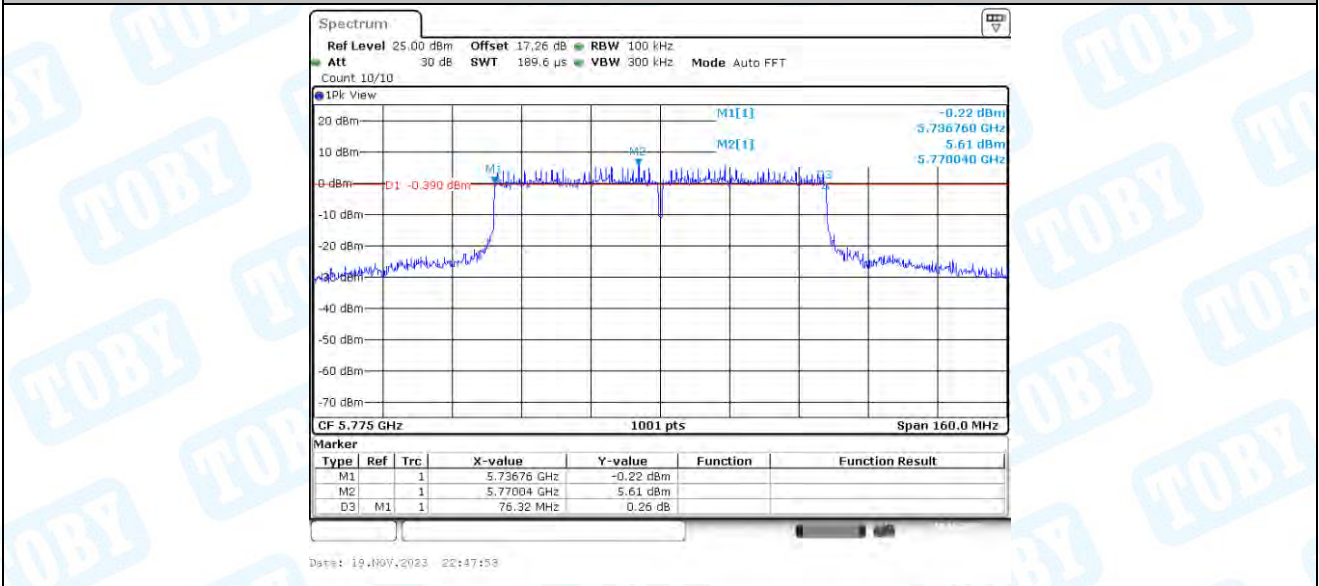
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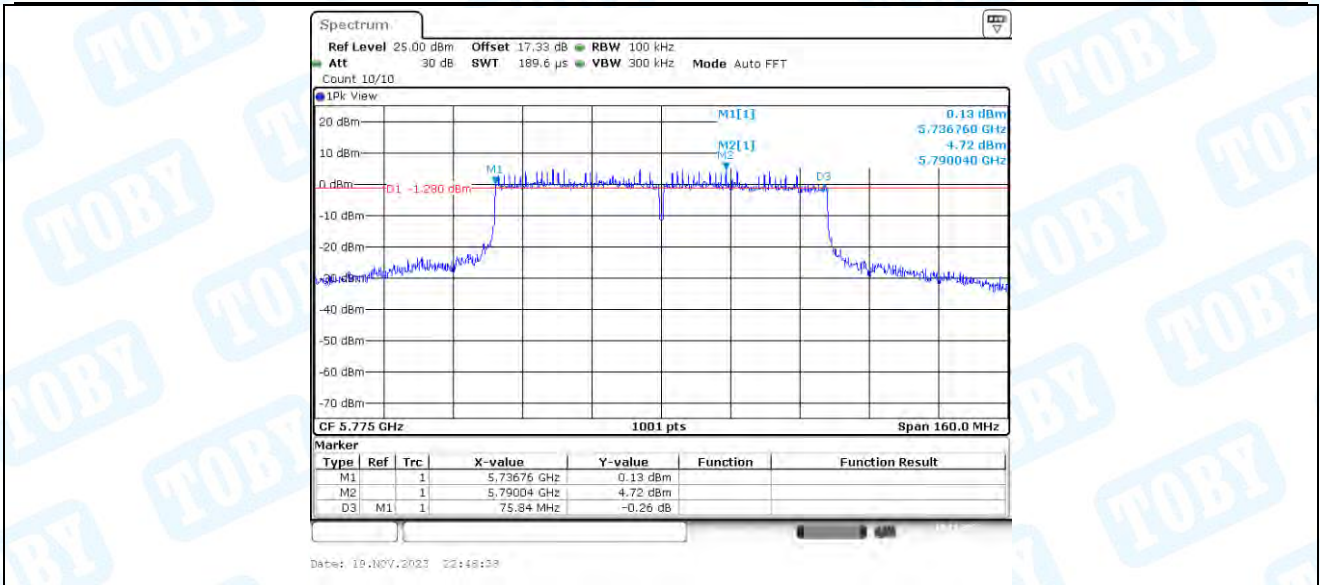
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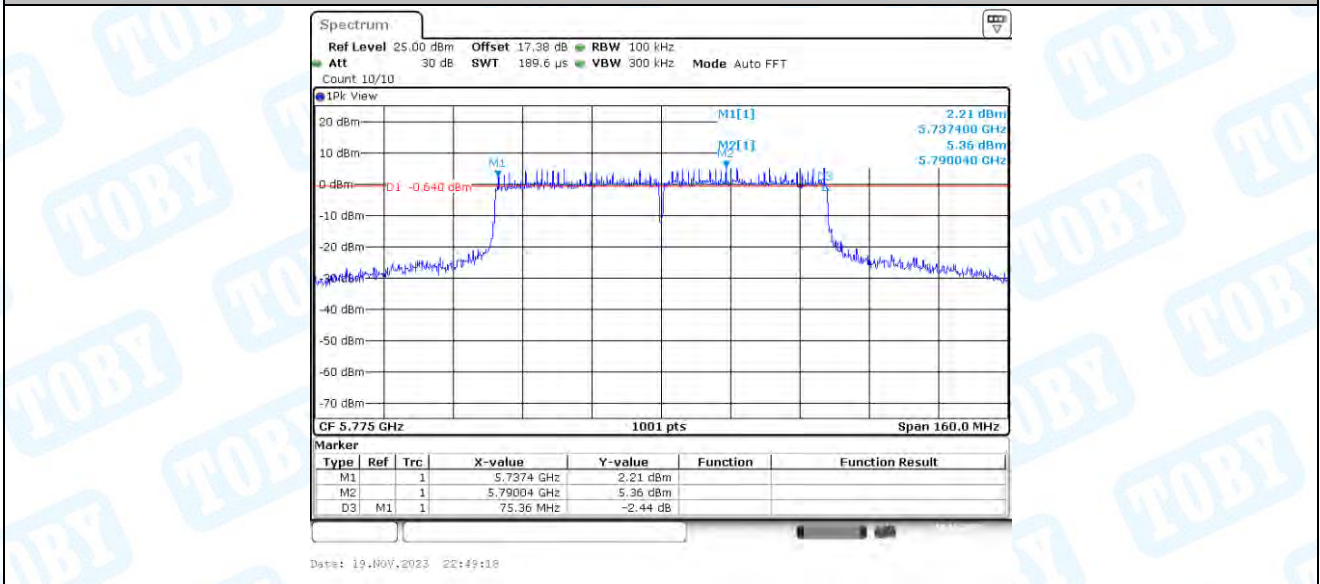
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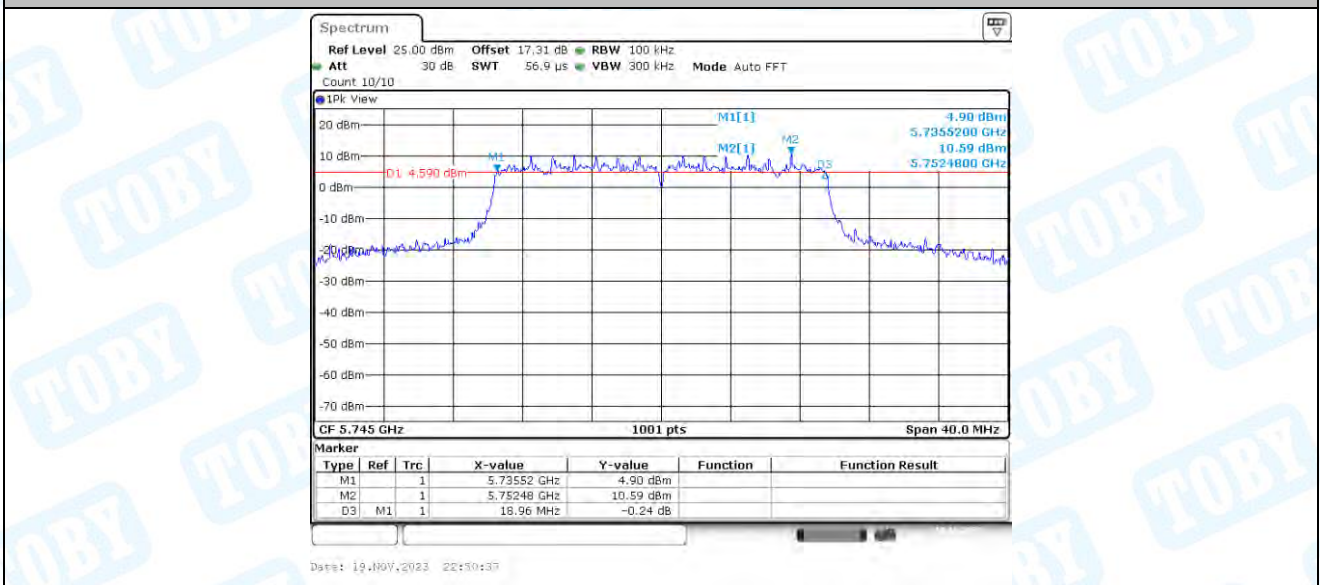
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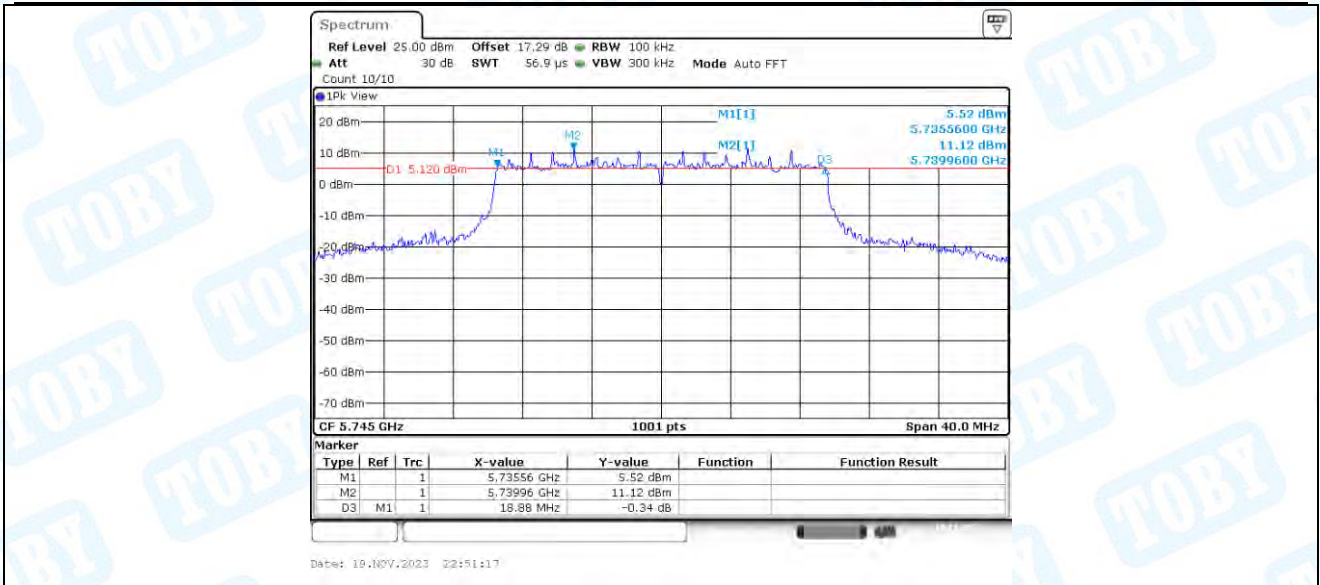
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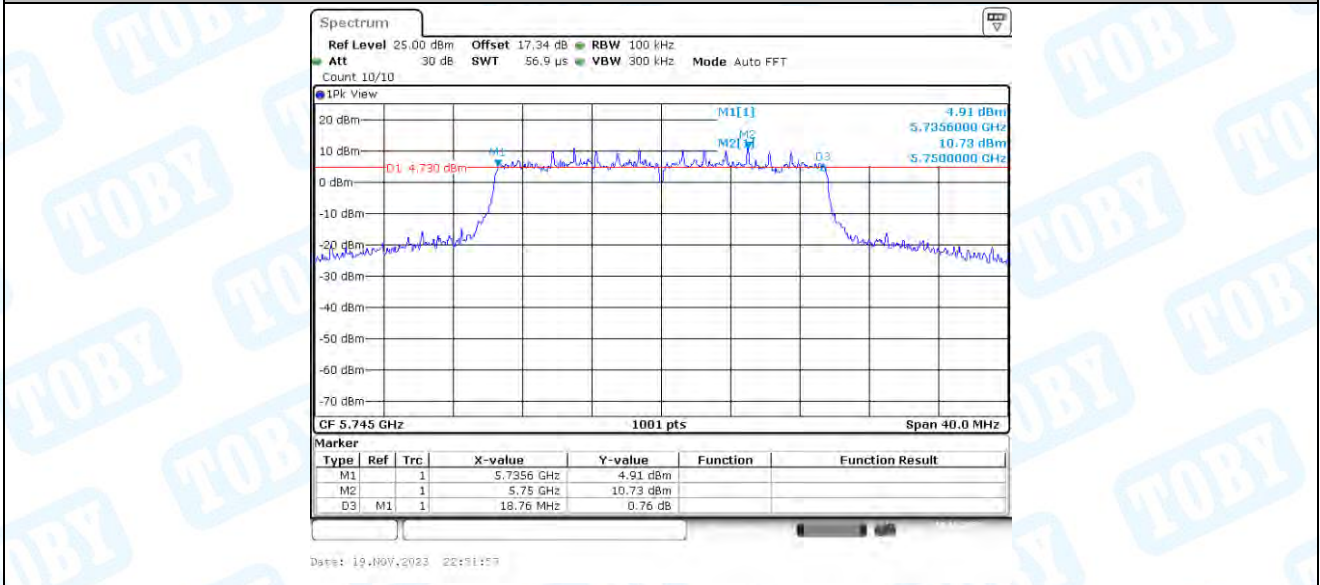
11AX20-CDD\_Ant1\_5745



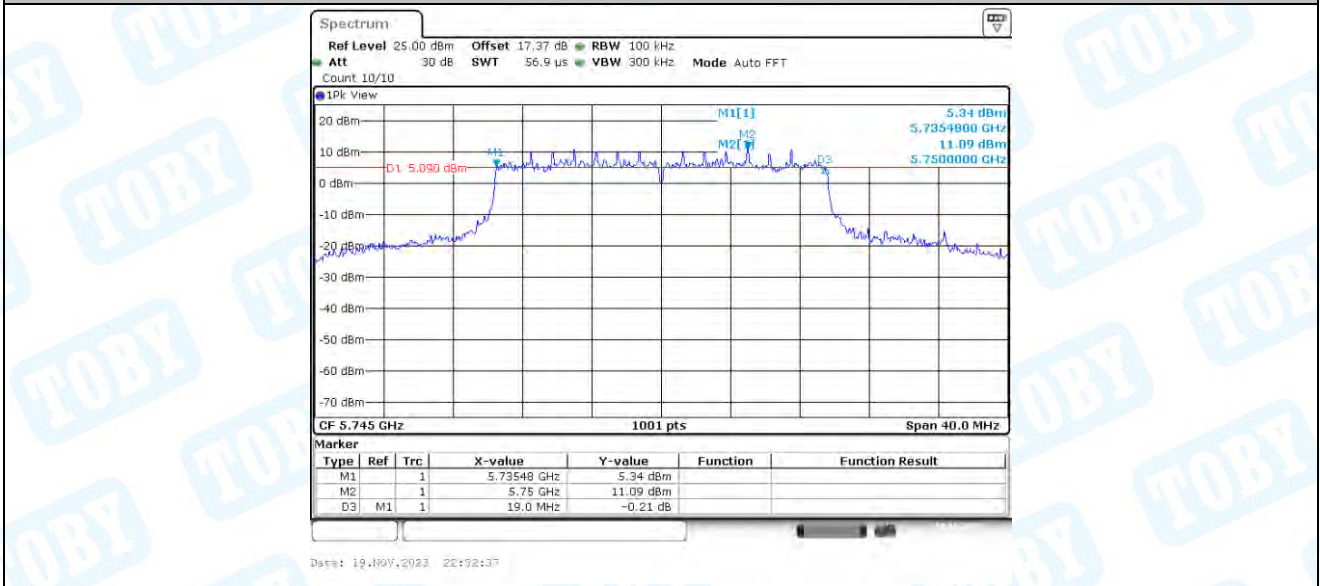
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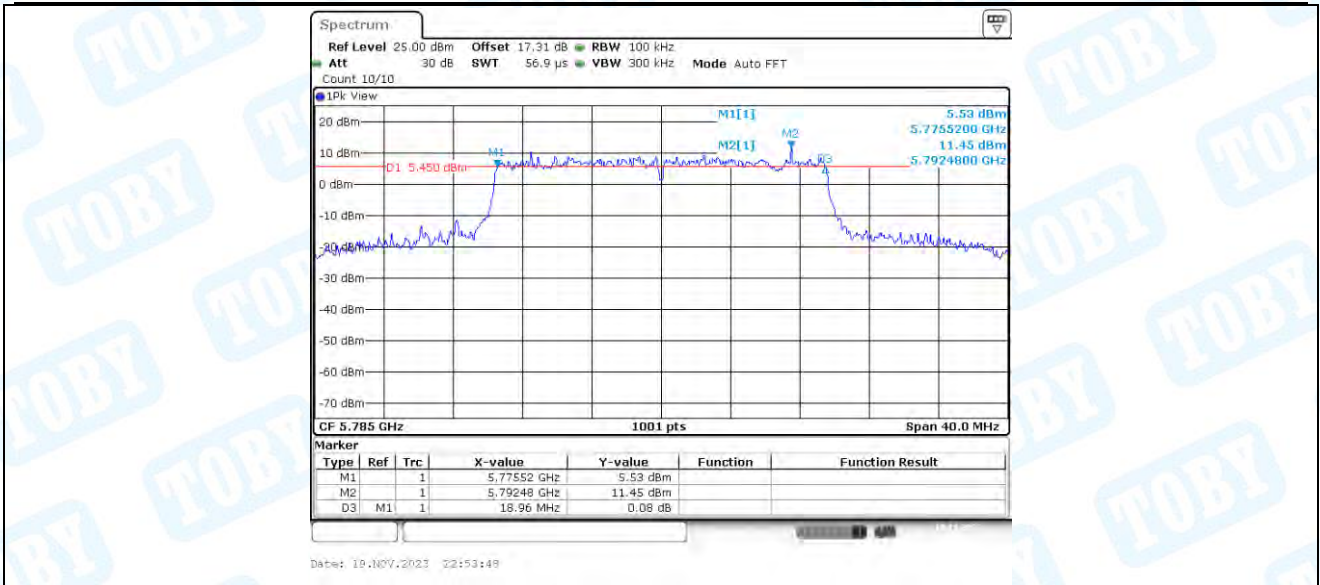
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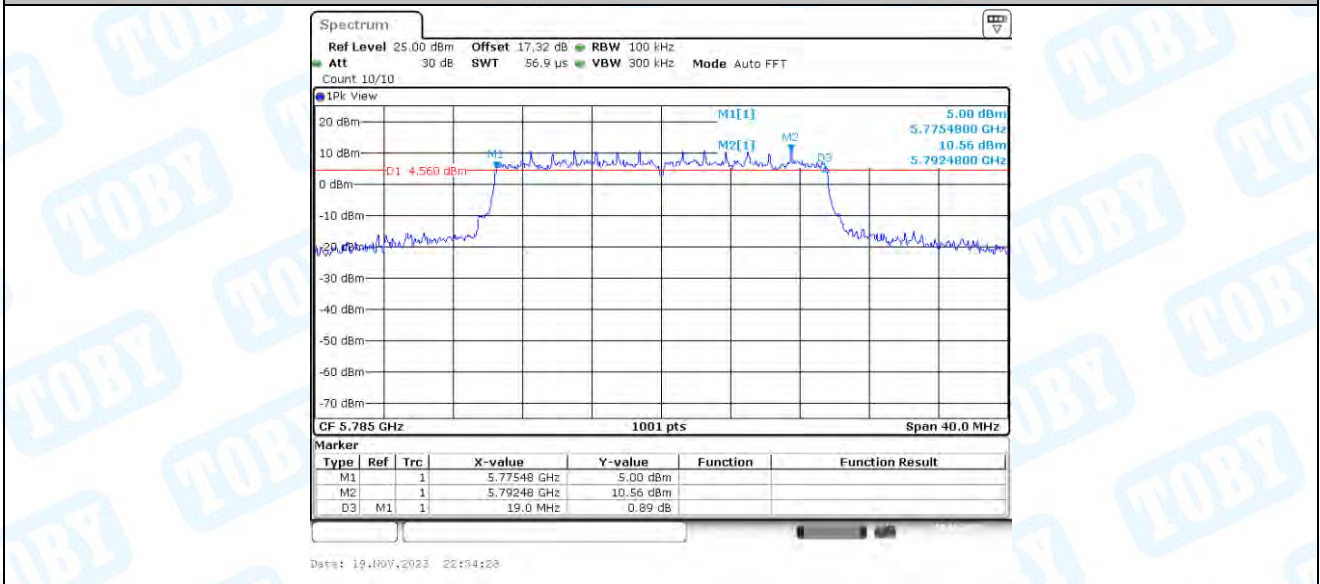
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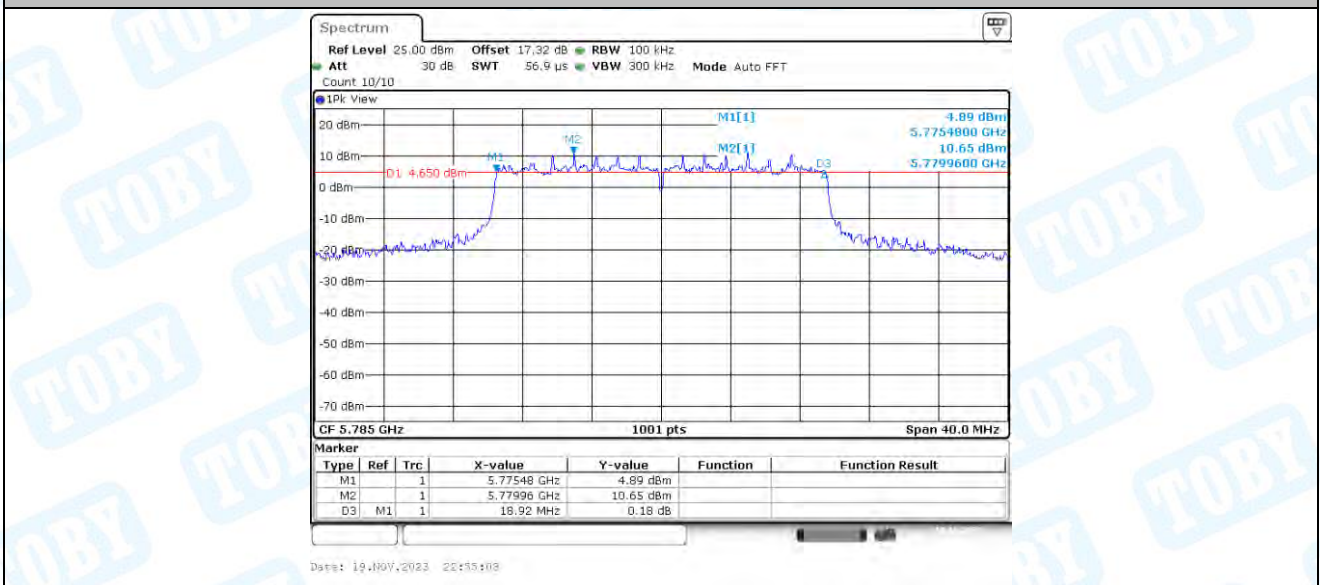
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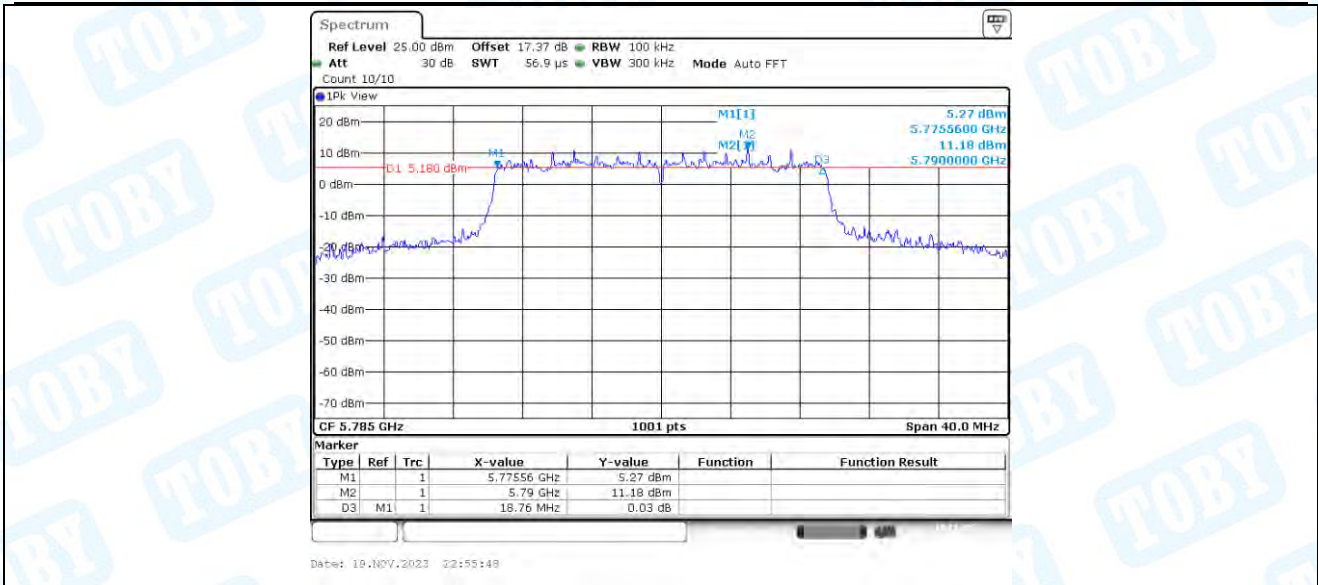


11AX20-CDD\_Ant3\_5785

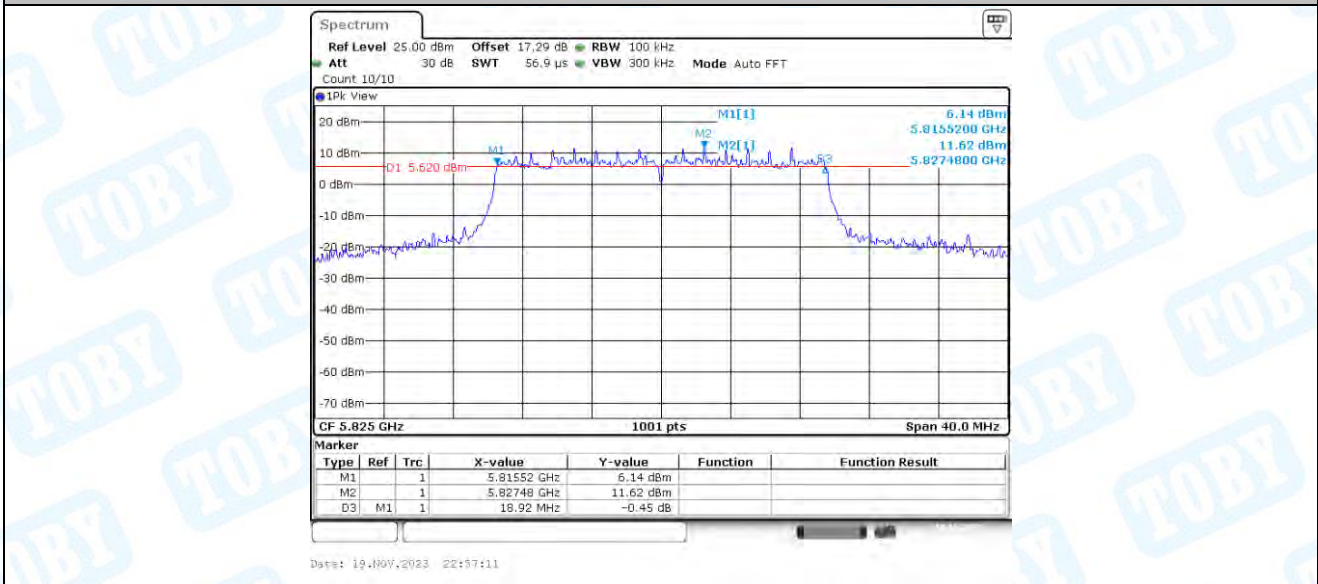


11AX20-CDD\_Ant4\_5785

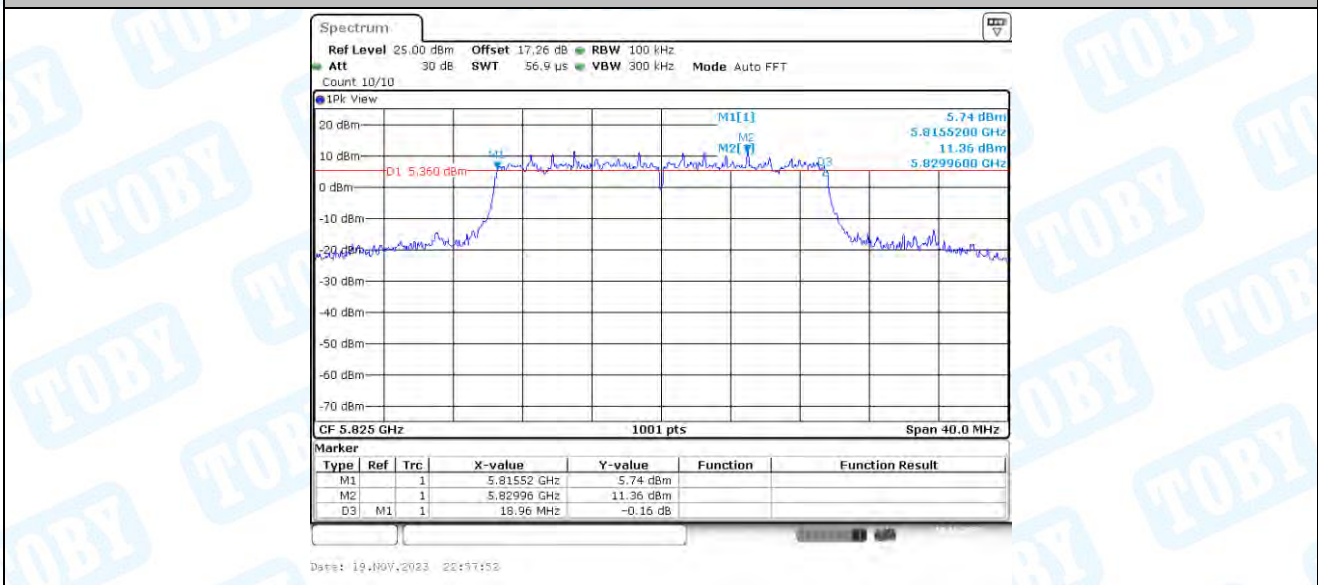




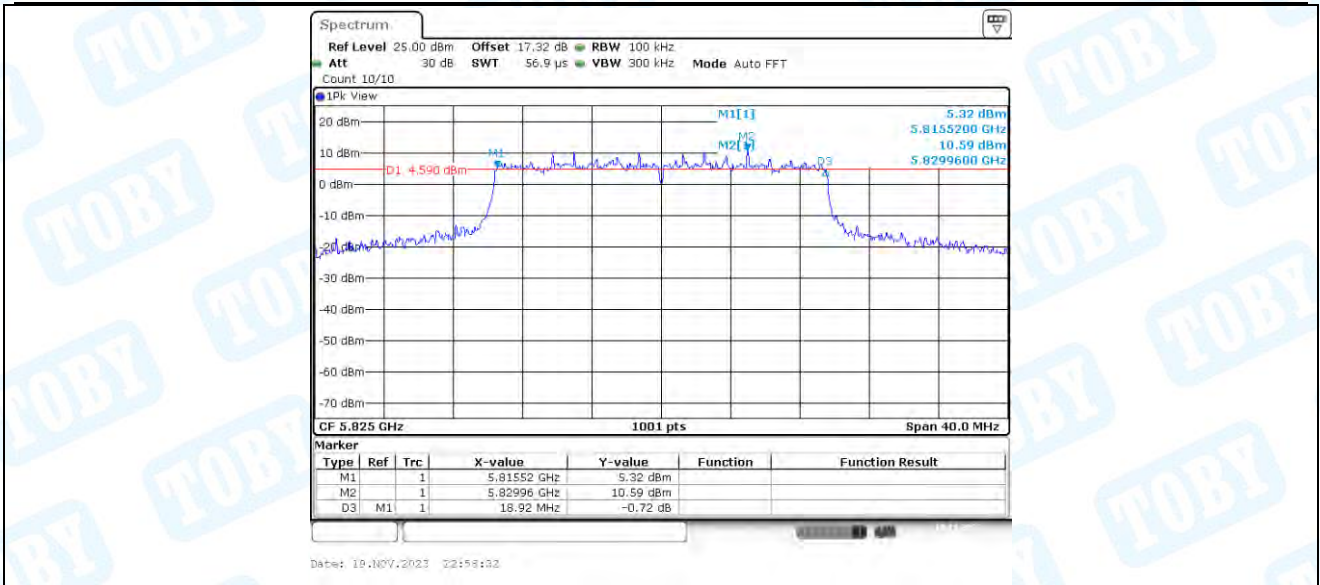
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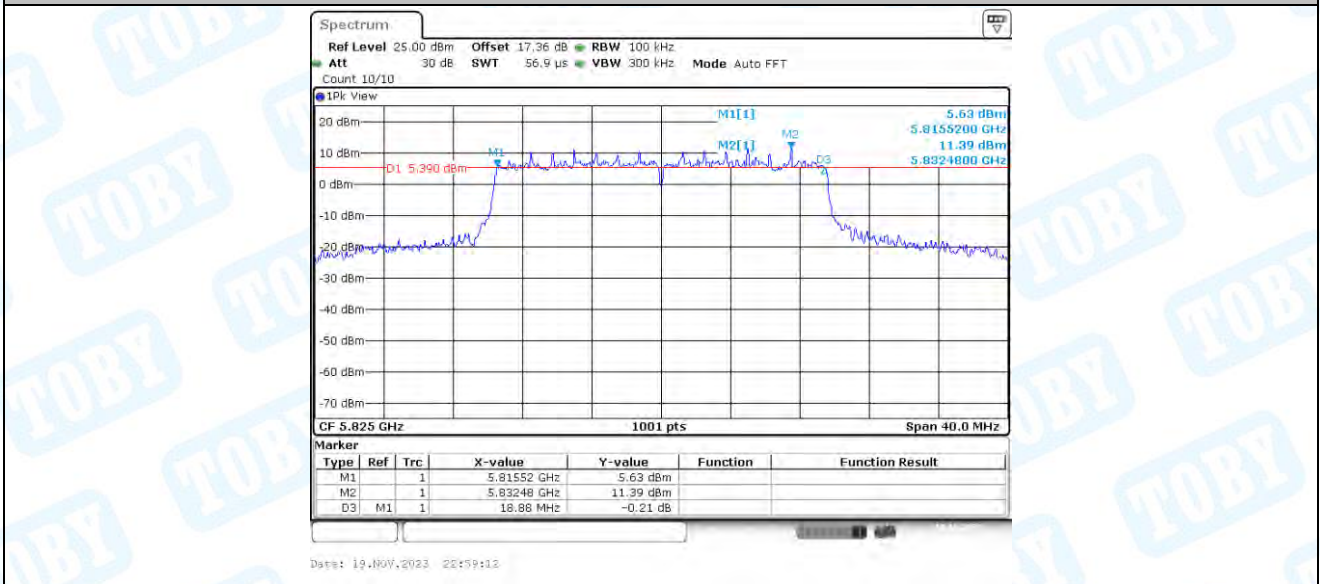
11AX20-CDD\_Ant2\_5825



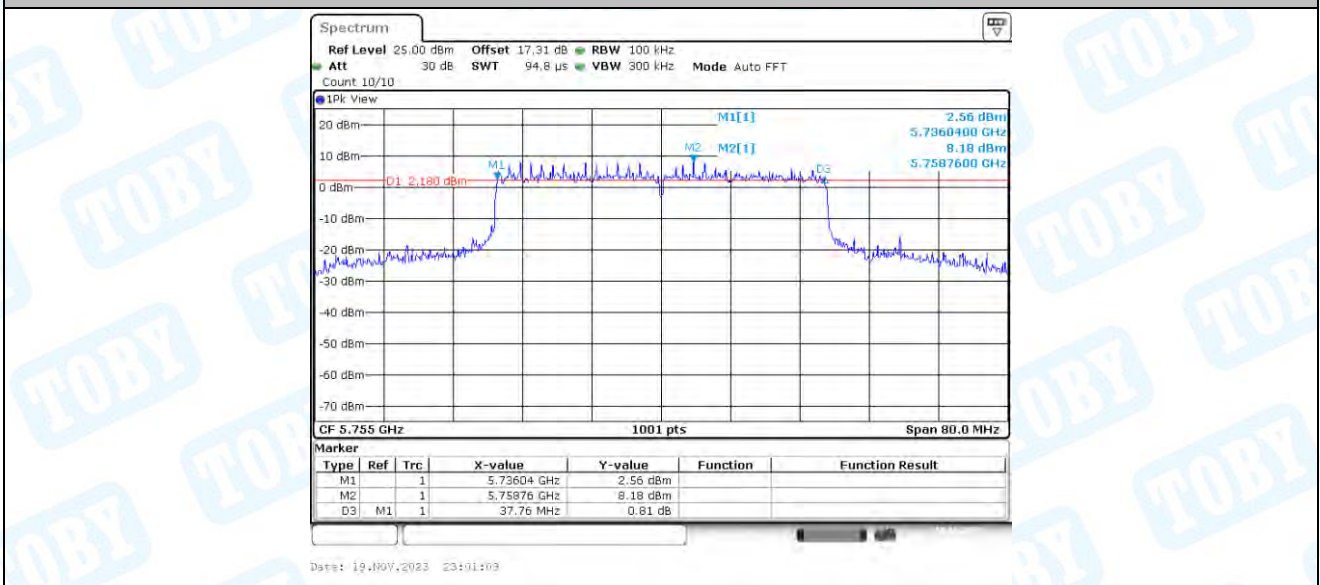
11AX20-CDD\_Ant3\_5825



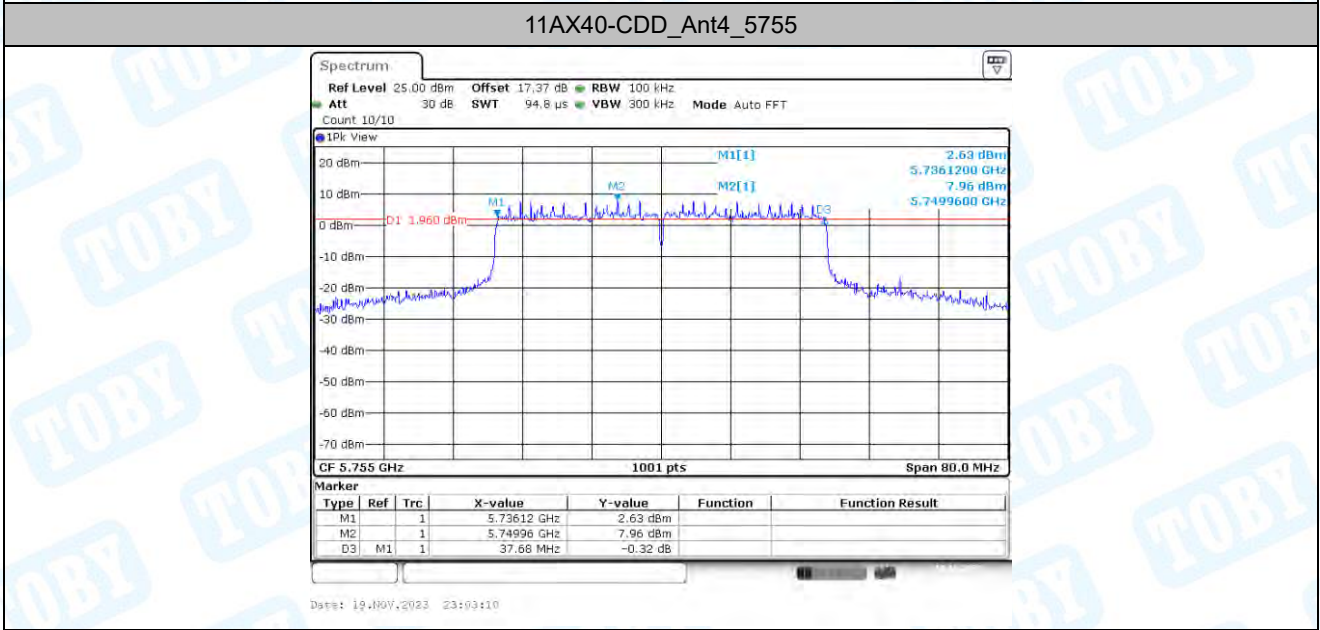
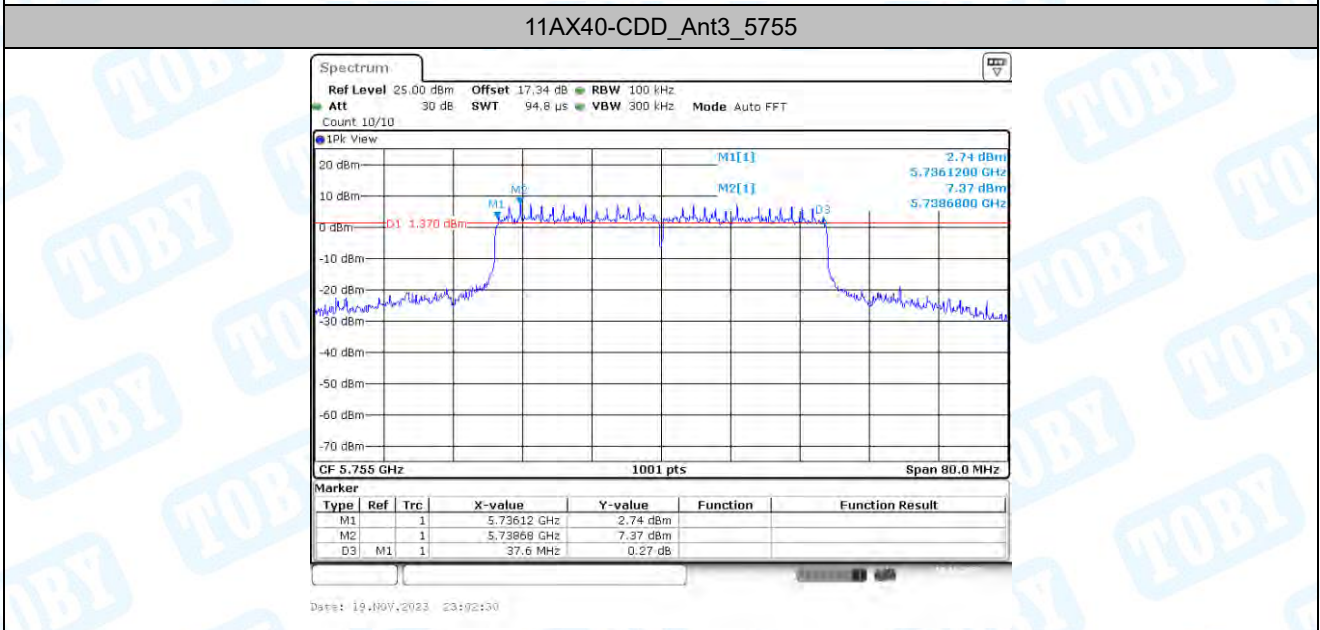
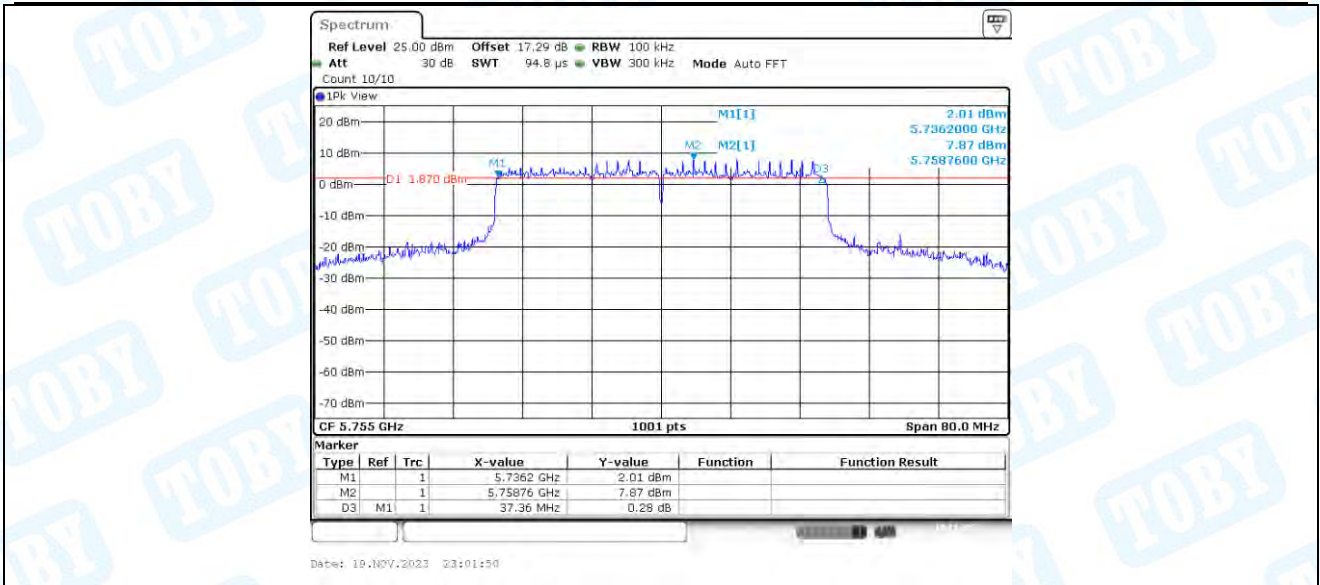
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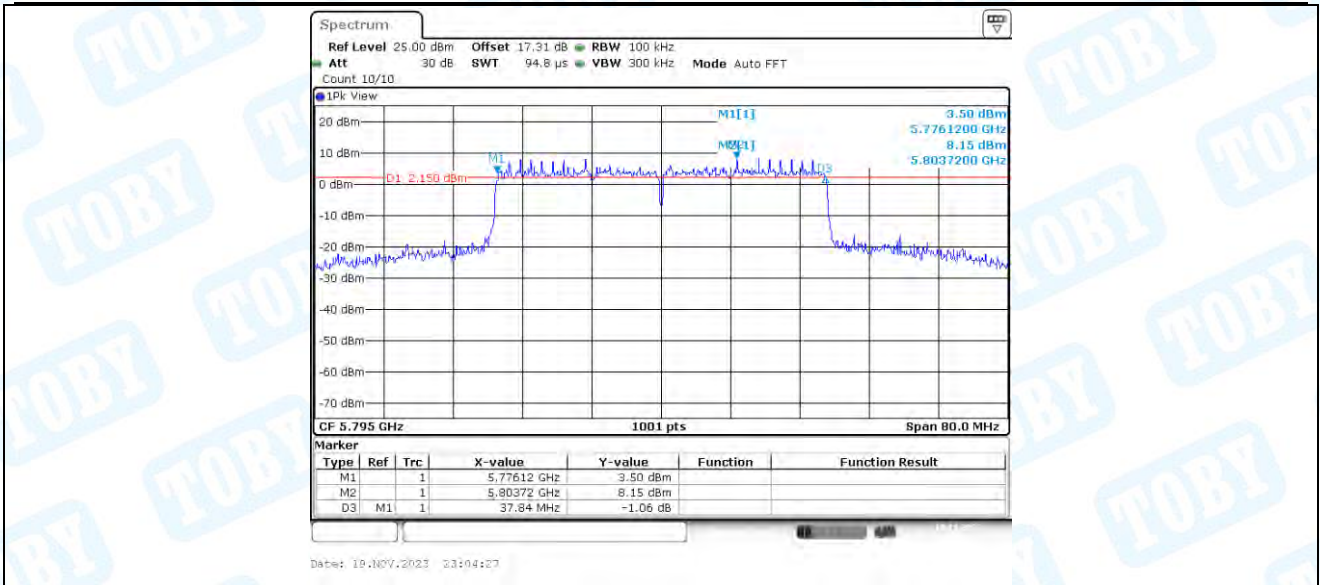


11AX40-CDD\_Ant1\_5755

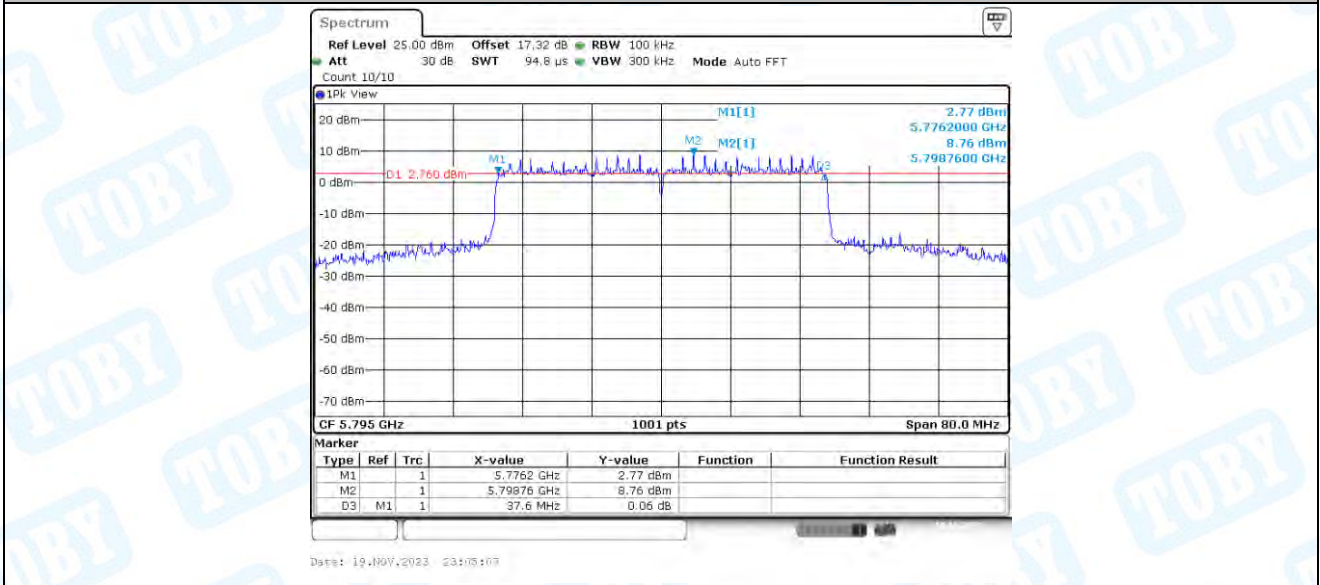


11AX40-CDD\_Ant2\_5755

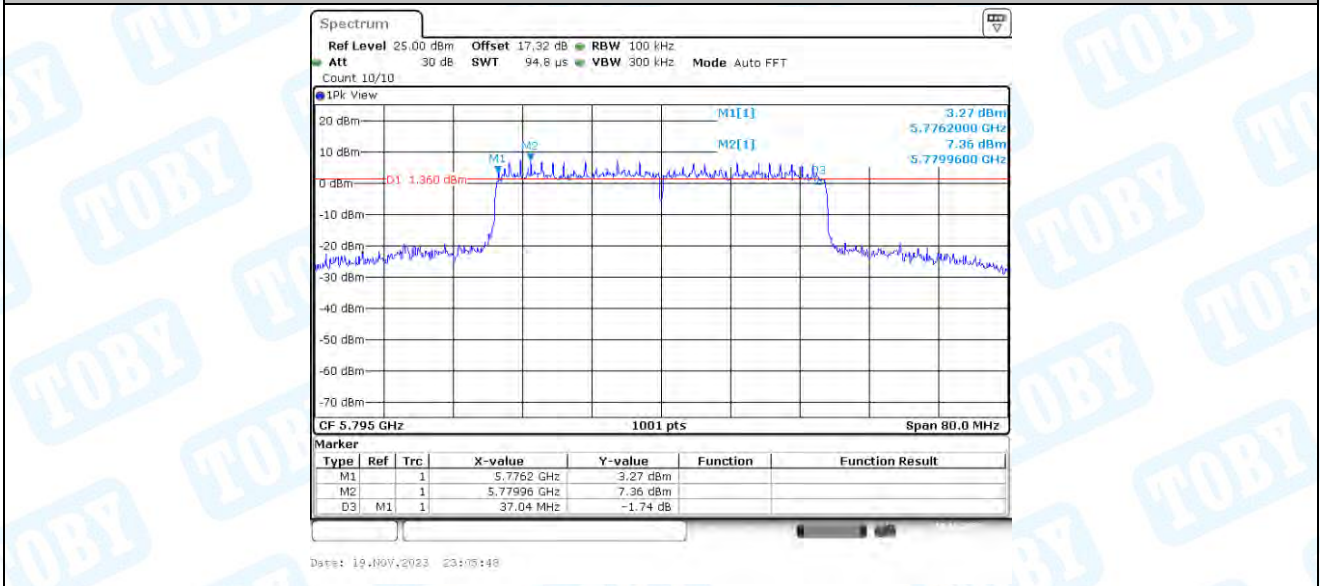




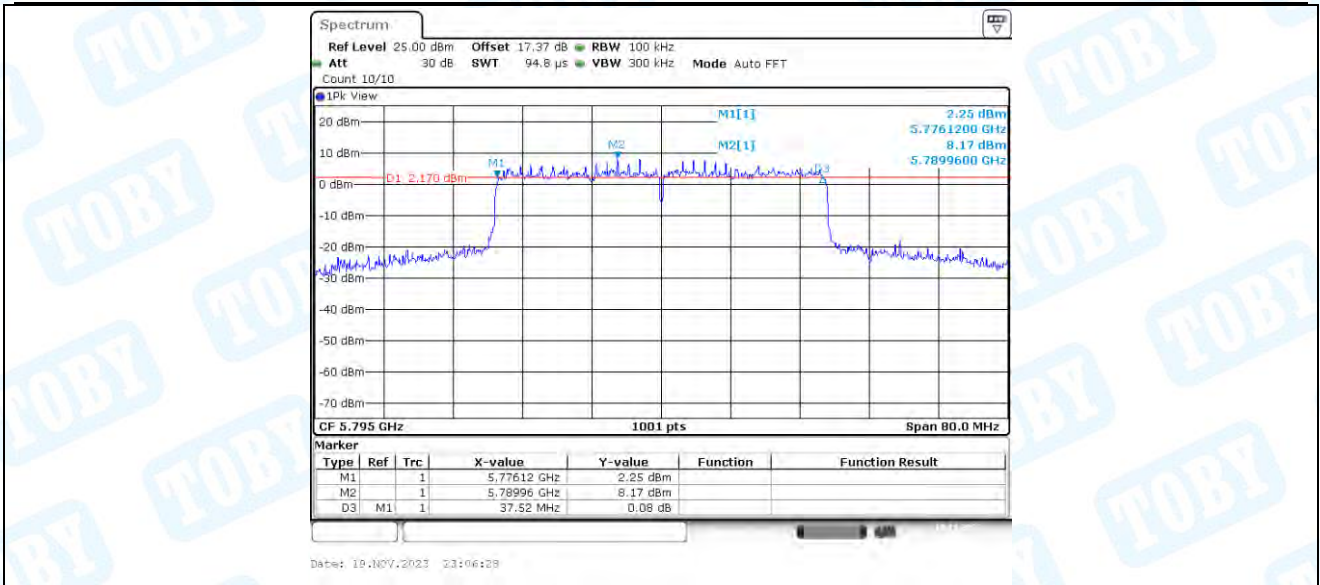
11AX40-CDD\_Ant2\_5795



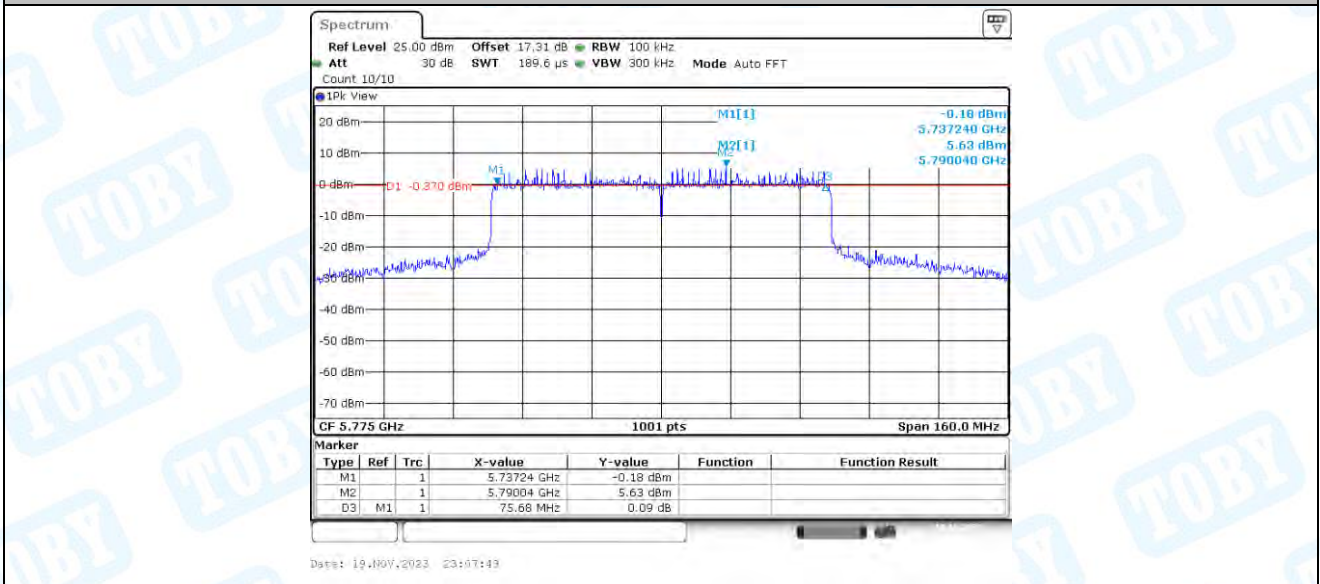
11AX40-CDD\_Ant3\_5795



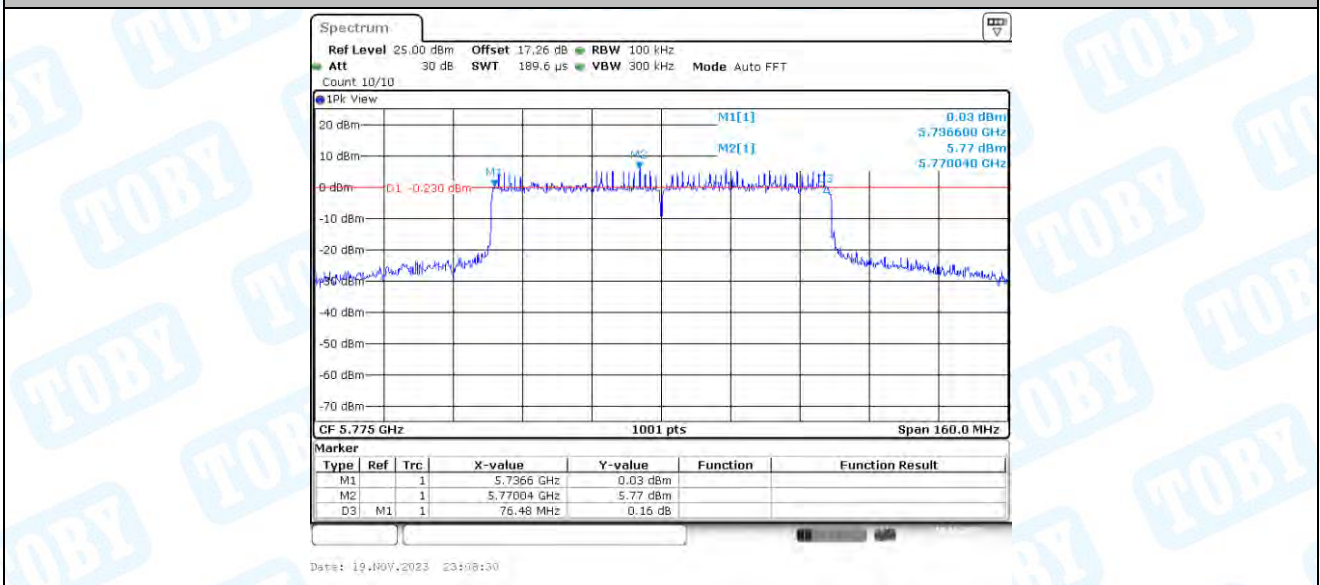
11AX40-CDD\_Ant4\_5795



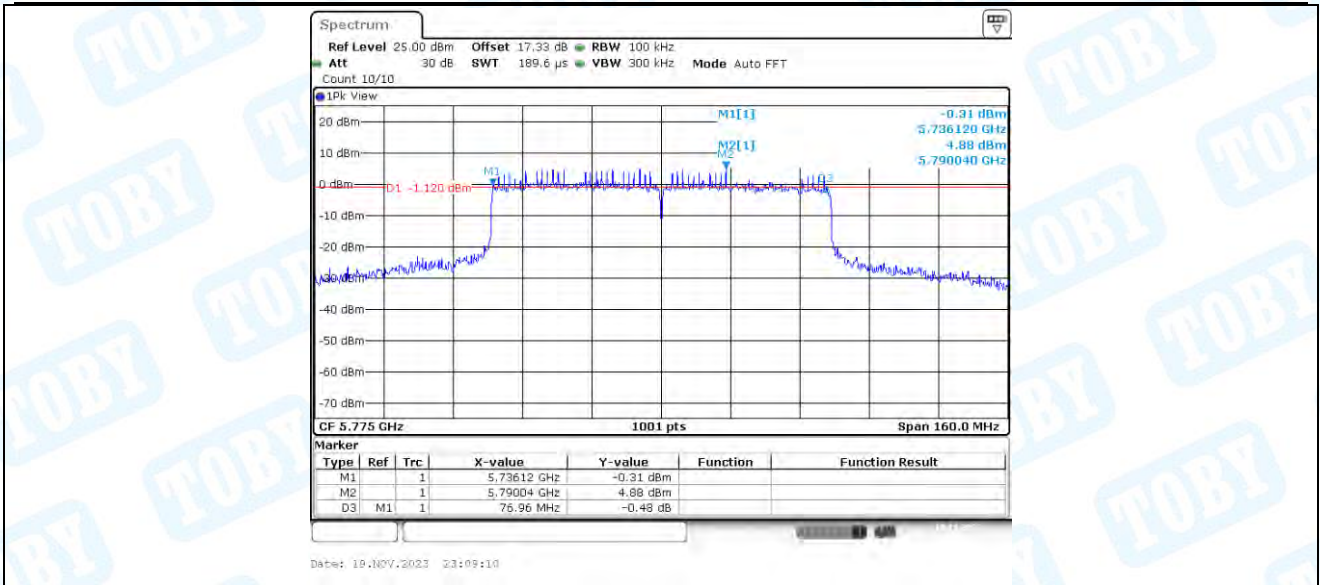
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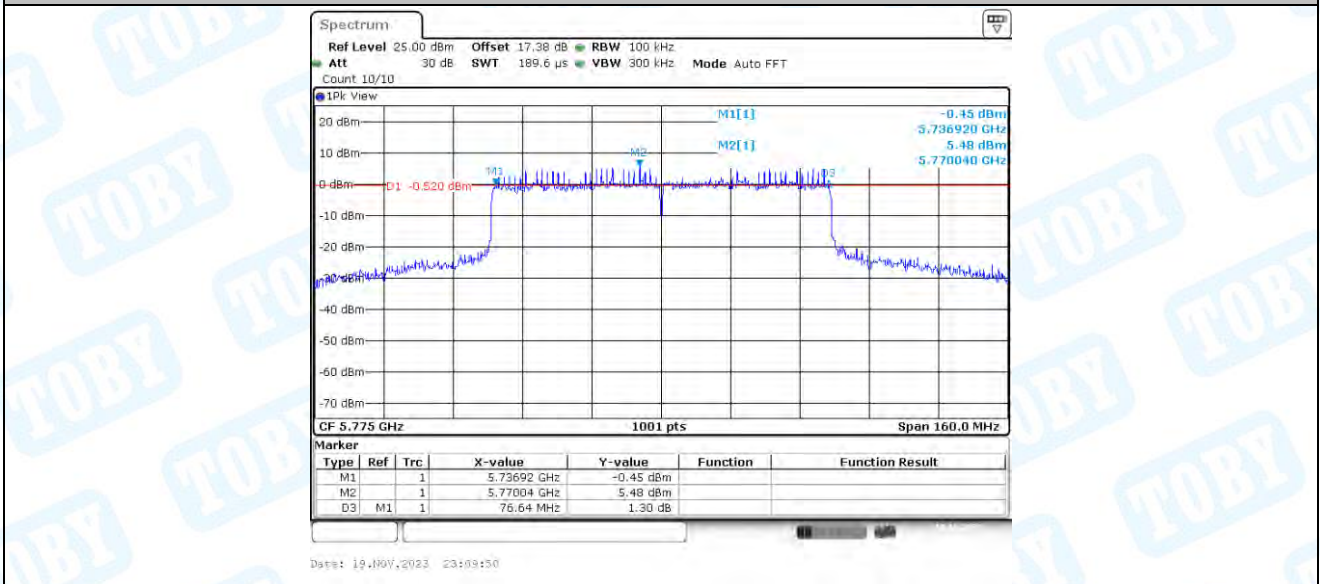
11AX80-CDD\_Ant2\_5775



11AX80-CDD\_Ant3\_5775



11AX80-CDD\_Ant4\_5775



### 3. Maximum conducted output power

#### 3.1. Test Result

Test Mode	Antenna	Frequency [MHz]	Result [dBm]			Limit [dBm]		
			SISO	CDD	BF	SISO	CDD	BF
11A	Ant1	5180	24.93	20.86	20.11	≤30.00	≤30.00	≤30.00
	Ant2	5180	24.65	20.80	20.64	≤30.00	≤30.00	≤30.00
	Ant3	5180	24.74	20.59	20.09	≤30.00	≤30.00	≤30.00
	Ant4	5180	24.73	20.91	20.46	≤30.00	≤30.00	≤30.00
	total	5180	/	26.81	26.35	/	≤30.00	≤27.22
	Ant1	5200	25.02	20.96	20.90	≤30.00	≤30.00	≤30.00
	Ant2	5200	25.04	21.24	20.78	≤30.00	≤30.00	≤30.00
	Ant3	5200	24.96	21.05	20.69	≤30.00	≤30.00	≤30.00
	Ant4	5200	24.68	21.34	20.97	≤30.00	≤30.00	≤30.00
	total	5200	/	27.17	26.86	/	≤30.00	≤27.22
	Ant1	5240	24.92	21.08	20.51	≤30.00	≤30.00	≤30.00
	Ant2	5240	24.82	21.25	20.82	≤30.00	≤30.00	≤30.00
	Ant3	5240	24.61	20.80	20.36	≤30.00	≤30.00	≤30.00
	Ant4	5240	24.72	21.15	21.08	≤30.00	≤30.00	≤30.00
	total	5240	/	27.09	26.72	/	≤30.00	≤27.22
	Ant1	5260	23.22	16.69	14.95	≤24.00	≤24.00	≤24.00
	Ant2	5260	23.19	16.14	14.62	≤24.00	≤24.00	≤24.00
	Ant3	5260	23.03	15.33	13.90	≤24.00	≤24.00	≤24.00
	Ant4	5260	23.59	16.14	14.79	≤24.00	≤24.00	≤24.00
	total	5260	/	22.12	20.60	/	≤24.00	≤21.22
	Ant1	5280	23.02	16.13	15.06	≤24.00	≤24.00	≤24.00
	Ant2	5280	23.46	16.05	14.79	≤24.00	≤24.00	≤24.00
	Ant3	5280	23.02	15.54	13.91	≤24.00	≤24.00	≤24.00
	Ant4	5280	23.63	16.01	14.85	≤24.00	≤24.00	≤24.00
	total	5280	/	21.96	20.69	/	≤24.00	≤21.22
	Ant1	5320	22.93	15.88	14.42	≤24.00	≤24.00	≤24.00
	Ant2	5320	22.71	15.73	14.43	≤24.00	≤24.00	≤24.00
	Ant3	5320	22.78	15.92	14.24	≤24.00	≤24.00	≤24.00
	Ant4	5320	22.74	15.84	14.36	≤24.00	≤24.00	≤24.00
	total	5320	/	21.86	20.38	/	≤24.00	≤21.22
	Ant1	5500	23.33	15.43	15.01	≤24.00	≤24.00	≤24.00
	Ant2	5500	23.55	15.47	15.21	≤24.00	≤24.00	≤24.00
	Ant3	5500	23.06	14.64	13.88	≤24.00	≤24.00	≤24.00
	Ant4	5500	23.36	15.33	14.29	≤24.00	≤24.00	≤24.00
	total	5500	/	21.25	20.65	/	≤24.00	≤21.22
	Ant1	5580	23.22	15.52	15.38	≤24.00	≤24.00	≤24.00
	Ant2	5580	23.15	15.73	15.21	≤24.00	≤24.00	≤24.00
	Ant3	5580	23.23	14.82	14.30	≤24.00	≤24.00	≤24.00
	Ant4	5580	22.89	15.25	14.61	≤24.00	≤24.00	≤24.00
	total	5580	/	21.36	20.92	/	≤24.00	≤21.22
	Ant1	5700	22.89	15.43	14.38	≤24.00	≤24.00	≤24.00
	Ant2	5700	23.17	15.30	14.84	≤24.00	≤24.00	≤24.00
	Ant3	5700	23.55	15.28	14.55	≤24.00	≤24.00	≤24.00
	Ant4	5700	23.29	15.18	14.02	≤24.00	≤24.00	≤24.00
	total	5700	/	21.32	20.48	/	≤24.00	≤21.22
	Ant1	5720 UNII-2C	19.71	12.42	11.24	≤24.00	≤24.00	≤24.00
	Ant2	5720 UNII-2C	20.18	12.43	12.00	≤24.00	≤24.00	≤24.00
	Ant3	5720 UNII-2C	21.33	11.83	10.97	≤24.00	≤24.00	≤24.00
	Ant4	5720 UNII-2C	19.97	12.10	10.87	≤24.00	≤24.00	≤24.00
	total	5720 UNII-2C		18.22	17.31	/	≤24.00	≤21.22
Ant1	5720 UNII-3	10.96	3.95	2.88	≤30.00	≤30.00	≤30.00	
Ant2	5720 UNII-3	11.37	3.52	2.59	≤30.00	≤30.00	≤30.00	
Ant3	5720 UNII-3	11.01	3.31	2.59	≤30.00	≤30.00	≤30.00	
Ant4	5720 UNII-3	11.38	3.48	2.63	≤30.00	≤30.00	≤30.00	
total	5720 UNII-3		9.59	8.70	/	≤30.00	≤27.22	
Ant1	5745	24.83	22.49	20.64	≤30.00	≤30.00	≤30.00	
Ant2	5745	24.58	22.97	20.88	≤30.00	≤30.00	≤30.00	
Ant3	5745	24.07	22.23	20.27	≤30.00	≤30.00	≤30.00	
Ant4	5745	24.78	22.60	20.25	≤30.00	≤30.00	≤30.00	

	total	5745		28.60	26.54	/	≤30.00	≤27.22
	Ant1	5785	25.38	23.06	21.09	≤30.00	≤30.00	≤30.00
	Ant2	5785	25.28	23.33	21.33	≤30.00	≤30.00	≤30.00
	Ant3	5785	24.82	23.44	19.75	≤30.00	≤30.00	≤30.00
	Ant4	5785	25.47	23.41	20.48	≤30.00	≤30.00	≤30.00
	total	5785		29.33	26.73	/	≤30.00	≤27.22
	Ant1	5825	25.85	23.55	21.27	≤30.00	≤30.00	≤30.00
	Ant2	5825	25.92	23.58	21.48	≤30.00	≤30.00	≤30.00
	Ant3	5825	25.14	22.87	19.79	≤30.00	≤30.00	≤30.00
	Ant4	5825	25.60	22.92	20.26	≤30.00	≤30.00	≤30.00
	total	5825		29.26	26.78	/	≤30.00	≤27.22
11N20	Ant1	5180	/	21.03	20.18	/	≤30.00	≤30.00
	Ant2	5180	/	21.48	20.62	/	≤30.00	≤30.00
	Ant3	5180	/	21.09	20.89	/	≤30.00	≤30.00
	Ant4	5180	/	21.31	20.52	/	≤30.00	≤30.00
	total	5180	/	27.25	26.58	/	≤30.00	≤27.22
	Ant1	5200	/	21.61	21.12	/	≤30.00	≤30.00
	Ant2	5200	/	21.72	21.33	/	≤30.00	≤30.00
	Ant3	5200	/	21.44	20.76	/	≤30.00	≤30.00
	Ant4	5200	/	21.75	21.46	/	≤30.00	≤30.00
	total	5200	/	27.65	27.20	/	≤30.00	≤27.22
	Ant1	5240	/	21.56	21.30	/	≤30.00	≤30.00
	Ant2	5240	/	21.68	21.29	/	≤30.00	≤30.00
	Ant3	5240	/	20.95	20.73	/	≤30.00	≤30.00
	Ant4	5240	/	21.60	21.25	/	≤30.00	≤30.00
	total	5240	/	27.48	27.17	/	≤30.00	≤27.22
	Ant1	5260	/	16.30	15.21	/	≤24.00	≤24.00
	Ant2	5260	/	16.29	14.78	/	≤24.00	≤24.00
	Ant3	5260	/	15.43	14.30	/	≤24.00	≤24.00
	Ant4	5260	/	16.20	14.93	/	≤24.00	≤24.00
	total	5260	/	22.09	20.84	/	≤24.00	≤21.22
	Ant1	5280	/	16.12	15.12	/	≤24.00	≤24.00
	Ant2	5280	/	16.22	15.09	/	≤24.00	≤24.00
	Ant3	5280	/	15.19	14.10	/	≤24.00	≤24.00
	Ant4	5280	/	15.63	14.82	/	≤24.00	≤24.00
	total	5280	/	21.83	20.82	/	≤24.00	≤21.22
	Ant1	5320	/	16.01	14.32	/	≤24.00	≤24.00
	Ant2	5320	/	15.82	14.29	/	≤24.00	≤24.00
	Ant3	5320	/	15.78	14.04	/	≤24.00	≤24.00
	Ant4	5320	/	15.60	13.76	/	≤24.00	≤24.00
	total	5320	/	21.83	20.13	/	≤24.00	≤21.22
	Ant1	5500	/	15.97	14.95	/	≤24.00	≤24.00
	Ant2	5500	/	15.96	15.25	/	≤24.00	≤24.00
	Ant3	5500	/	14.71	14.11	/	≤24.00	≤24.00
	Ant4	5500	/	15.78	14.47	/	≤24.00	≤24.00
	total	5500	/	21.66	20.74	/	≤24.00	≤21.22
	Ant1	5580	/	16.12	15.18	/	≤24.00	≤24.00
	Ant2	5580	/	16.24	15.32	/	≤24.00	≤24.00
	Ant3	5580	/	15.37	14.23	/	≤24.00	≤24.00
	Ant4	5580	/	15.61	14.37	/	≤24.00	≤24.00
	total	5580	/	21.87	20.82	/	≤24.00	≤21.22
	Ant1	5700	/	15.26	14.53	/	≤24.00	≤24.00
	Ant2	5700	/	15.92	14.88	/	≤24.00	≤24.00
	Ant3	5700	/	15.31	14.22	/	≤24.00	≤24.00
	Ant4	5700	/	15.75	14.19	/	≤24.00	≤24.00
	total	5700	/	21.59	20.48	/	≤24.00	≤21.22
	Ant1	5720_UNII-2C	/	12.02	11.36	/	≤24.00	≤24.00
	Ant2	5720_UNII-2C	/	12.53	12.06	/	≤24.00	≤24.00
	Ant3	5720_UNII-2C	/	11.59	10.92	/	≤24.00	≤24.00
	Ant4	5720_UNII-2C	/	12.05	10.83	/	≤24.00	≤24.00
	total	5720_UNII-2C	/	18.08	17.34	/	≤24.00	≤21.22
Ant1	5720_UNII-3	/	4.10	3.41	/	≤30.00	≤30.00	
Ant2	5720_UNII-3	/	4.47	3.07	/	≤30.00	≤30.00	
Ant3	5720_UNII-3	/	3.74	3.16	/	≤30.00	≤30.00	
Ant4	5720_UNII-3	/	4.40	3.07	/	≤30.00	≤30.00	
total	5720_UNII-3	/	10.21	9.20	/	≤30.00	≤27.22	
Ant1	5745	/	23.11	20.62	/	≤30.00	≤30.00	
Ant2	5745	/	23.78	20.99	/	≤30.00	≤30.00	
Ant3	5745	/	22.95	19.87	/	≤30.00	≤30.00	



11N40	Ant4	5745	/	23.06	20.30	/	≤30.00	≤30.00
	total	5745	/	29.26	26.49	/	≤30.00	≤27.22
	Ant1	5785	/	22.96	20.97	/	≤30.00	≤30.00
	Ant2	5785	/	23.43	21.06	/	≤30.00	≤30.00
	Ant3	5785	/	23.17	19.74	/	≤30.00	≤30.00
	Ant4	5785	/	23.28	20.51	/	≤30.00	≤30.00
	total	5785	/	29.23	26.62	/	≤30.00	≤27.22
	Ant1	5825	/	23.55	21.01	/	≤30.00	≤30.00
	Ant2	5825	/	23.96	21.18	/	≤30.00	≤30.00
	Ant3	5825	/	22.60	19.79	/	≤30.00	≤30.00
	Ant4	5825	/	23.00	20.20	/	≤30.00	≤30.00
	total	5825	/	29.33	26.60	/	≤30.00	≤27.22
	Ant1	5190	/	21.35	20.70	/	≤30.00	≤30.00
	Ant2	5190	/	21.69	20.69	/	≤30.00	≤30.00
	Ant3	5190	/	21.38	20.43	/	≤30.00	≤30.00
	Ant4	5190	/	21.69	20.91	/	≤30.00	≤30.00
	total	5190	/	27.55	26.71	/	≤30.00	≤27.22
	Ant1	5230	/	22.08	20.70	/	≤30.00	≤30.00
	Ant2	5230	/	22.17	21.13	/	≤30.00	≤30.00
	Ant3	5230	/	21.73	20.49	/	≤30.00	≤30.00
Ant4	5230	/	22.49	20.91	/	≤30.00	≤30.00	
total	5230	/	28.15	26.83	/	≤30.00	≤27.22	
Ant1	5270	/	17.73	14.94	/	≤24.00	≤24.00	
Ant2	5270	/	17.76	15.34	/	≤24.00	≤24.00	
Ant3	5270	/	16.96	14.61	/	≤24.00	≤24.00	
Ant4	5270	/	17.30	15.21	/	≤24.00	≤24.00	
total	5270	/	23.47	21.05	/	≤24.00	≤21.22	
Ant1	5310	/	17.33	14.44	/	≤24.00	≤24.00	
Ant2	5310	/	17.60	14.59	/	≤24.00	≤24.00	
Ant3	5310	/	17.02	14.27	/	≤24.00	≤24.00	
Ant4	5310	/	17.30	14.42	/	≤24.00	≤24.00	
total	5310	/	23.34	20.45	/	≤24.00	≤21.22	
Ant1	5510	/	17.16	14.37	/	≤24.00	≤24.00	
Ant2	5510	/	17.46	15.02	/	≤24.00	≤24.00	
Ant3	5510	/	16.59	13.89	/	≤24.00	≤24.00	
Ant4	5510	/	17.46	14.53	/	≤24.00	≤24.00	
total	5510	/	23.20	20.49	/	≤24.00	≤21.22	
Ant1	5550	/	17.53	14.69	/	≤24.00	≤24.00	
Ant2	5550	/	17.61	15.07	/	≤24.00	≤24.00	
Ant3	5550	/	16.72	13.99	/	≤24.00	≤24.00	
Ant4	5550	/	17.45	14.39	/	≤24.00	≤24.00	
total	5550	/	23.36	20.57	/	≤24.00	≤21.22	
Ant1	5670	/	17.21	14.38	/	≤24.00	≤24.00	
Ant2	5670	/	17.04	14.46	/	≤24.00	≤24.00	
Ant3	5670	/	16.87	14.49	/	≤24.00	≤24.00	
Ant4	5670	/	16.73	13.49	/	≤24.00	≤24.00	
total	5670	/	22.99	20.24	/	≤24.00	≤21.22	
Ant1	5710_UNII-2C	/	14.26	11.57	/	≤24.00	≤30.00	
Ant2	5710_UNII-2C	/	14.03	11.64	/	≤24.00	≤30.00	
Ant3	5710_UNII-2C	/	13.64	11.15	/	≤24.00	≤30.00	
Ant4	5710_UNII-2C	/	13.95	11.05	/	≤24.00	≤30.00	
total	5710_UNII-2C	/	20.00	17.38	/	≤24.00	≤27.22	
Ant1	5710_UNII-3	/	1.56	-0.83	/	≤30.00	≤30.00	
Ant2	5710_UNII-3	/	1.46	-0.65	/	≤30.00	≤30.00	
Ant3	5710_UNII-3	/	1.21	-0.75	/	≤30.00	≤30.00	
Ant4	5710_UNII-3	/	1.48	-0.32	/	≤30.00	≤30.00	
total	5710_UNII-3	/	7.45	5.39	/	≤30.00	≤27.22	
Ant1	5755	/	22.96	20.67	/	≤30.00	≤30.00	
Ant2	5755	/	23.58	21.19	/	≤30.00	≤30.00	
Ant3	5755	/	22.82	20.03	/	≤30.00	≤30.00	
Ant4	5755	/	22.67	20.41	/	≤30.00	≤30.00	
total	5755	/	29.04	26.62	/	≤30.00	≤27.22	
Ant1	5795	/	23.25	21.33	/	≤30.00	≤30.00	
Ant2	5795	/	23.90	21.69	/	≤30.00	≤30.00	
Ant3	5795	/	22.89	20.14	/	≤30.00	≤30.00	
Ant4	5795	/	23.49	20.63	/	≤30.00	≤30.00	
total	5795	/	29.42	27.01	/	≤30.00	≤27.22	
11AC20	Ant1	5180	/	21.60	20.14	/	≤30.00	≤30.00
	Ant2	5180	/	21.69	20.30	/	≤30.00	≤30.00

	Ant3	5180	/	21.49	20.03	/	≤30.00	≤30.00
	Ant4	5180	/	21.78	20.23	/	≤30.00	≤30.00
	total	5180	/	27.66	26.20	/	≤30.00	≤27.22
	Ant1	5200	/	22.01	20.59	/	≤30.00	≤30.00
	Ant2	5200	/	22.15	20.73	/	≤30.00	≤30.00
	Ant3	5200	/	21.67	20.28	/	≤30.00	≤30.00
	Ant4	5200	/	22.12	20.70	/	≤30.00	≤30.00
	total	5200	/	28.01	26.60	/	≤30.00	≤27.22
	Ant1	5240	/	21.93	20.61	/	≤30.00	≤30.00
	Ant2	5240	/	21.92	20.73	/	≤30.00	≤30.00
	Ant3	5240	/	21.42	19.97	/	≤30.00	≤30.00
	Ant4	5240	/	21.93	20.50	/	≤30.00	≤30.00
	total	5240	/	27.83	26.48	/	≤30.00	≤27.22
	Ant1	5260	/	15.76	15.40	/	≤24.00	≤24.00
	Ant2	5260	/	15.67	15.18	/	≤24.00	≤24.00
	Ant3	5260	/	14.95	14.53	/	≤24.00	≤24.00
	Ant4	5260	/	15.63	15.06	/	≤24.00	≤24.00
	total	5260	/	21.53	21.07	/	≤24.00	≤21.22
	Ant1	5280	/	15.59	15.22	/	≤24.00	≤24.00
	Ant2	5280	/	15.50	15.13	/	≤24.00	≤24.00
	Ant3	5280	/	14.98	14.48	/	≤24.00	≤24.00
	Ant4	5280	/	15.39	14.90	/	≤24.00	≤24.00
	total	5280	/	21.39	20.96	/	≤24.00	≤21.22
	Ant1	5320	/	15.35	14.35	/	≤24.00	≤24.00
	Ant2	5320	/	15.29	14.32	/	≤24.00	≤24.00
	Ant3	5320	/	14.99	14.15	/	≤24.00	≤24.00
	Ant4	5320	/	14.94	13.97	/	≤24.00	≤24.00
	total	5320	/	21.17	20.22	/	≤24.00	≤21.22
	Ant1	5500	/	16.18	14.89	/	≤24.00	≤24.00
	Ant2	5500	/	16.46	15.14	/	≤24.00	≤24.00
	Ant3	5500	/	15.35	13.83	/	≤24.00	≤24.00
	Ant4	5500	/	16.15	14.33	/	≤24.00	≤24.00
	total	5500	/	22.07	20.60	/	≤24.00	≤21.22
	Ant1	5580	/	16.03	14.98	/	≤24.00	≤24.00
	Ant2	5580	/	16.13	15.20	/	≤24.00	≤24.00
	Ant3	5580	/	15.28	14.29	/	≤24.00	≤24.00
	Ant4	5580	/	15.49	14.15	/	≤24.00	≤24.00
	total	5580	/	21.77	20.70	/	≤24.00	≤21.22
	Ant1	5700	/	15.75	14.97	/	≤24.00	≤24.00
	Ant2	5700	/	16.31	14.97	/	≤24.00	≤24.00
	Ant3	5700	/	15.65	14.80	/	≤24.00	≤24.00
	Ant4	5700	/	16.06	14.42	/	≤24.00	≤24.00
	total	5700	/	21.97	20.82	/	≤24.00	≤21.22
	Ant1	5720_UNII-2C	/	12.09	11.28	/	≤24.00	≤24.00
	Ant2	5720_UNII-2C	/	12.74	11.80	/	≤24.00	≤24.00
	Ant3	5720_UNII-2C	/	11.84	10.73	/	≤24.00	≤24.00
	Ant4	5720_UNII-2C	/	12.43	10.89	/	≤24.00	≤24.00
	total	5720_UNII-2C	/	18.31	17.22	/	≤24.00	≤21.22
	Ant1	5720_UNII-3	/	5.59	4.84	/	≤30.00	≤30.00
	Ant2	5720_UNII-3	/	6.20	4.30	/	≤30.00	≤30.00
	Ant3	5720_UNII-3	/	5.36	4.34	/	≤30.00	≤30.00
	Ant4	5720_UNII-3	/	5.99	4.51	/	≤30.00	≤30.00
	total	5720_UNII-3	/	11.82	10.52	/	≤30.00	≤27.22
	Ant1	5745	/	22.67	21.12	/	≤30.00	≤30.00
	Ant2	5745	/	23.07	21.44	/	≤30.00	≤30.00
	Ant3	5745	/	22.61	20.51	/	≤30.00	≤30.00
	Ant4	5745	/	22.60	20.82	/	≤30.00	≤30.00
	total	5745	/	28.76	27.01	/	≤30.00	≤27.22
	Ant1	5785	/	23.07	20.99	/	≤30.00	≤30.00
	Ant2	5785	/	23.68	21.36	/	≤30.00	≤30.00
	Ant3	5785	/	22.51	19.87	/	≤30.00	≤30.00
	Ant4	5785	/	23.01	20.54	/	≤30.00	≤30.00
	total	5785	/	29.11	26.75	/	≤30.00	≤27.22
	Ant1	5825	/	23.34	21.04	/	≤30.00	≤30.00
	Ant2	5825	/	23.83	21.20	/	≤30.00	≤30.00
	Ant3	5825	/	22.47	19.96	/	≤30.00	≤30.00
	Ant4	5825	/	22.84	20.50	/	≤30.00	≤30.00
	total	5825	/	29.17	26.72	/	≤30.00	≤27.22
11AC40	Ant1	5190	/	21.39	20.33	/	≤30.00	≤30.00

	Ant2	5190	/	21.56	20.78	/	≤30.00	≤30.00
	Ant3	5190	/	21.28	20.31	/	≤30.00	≤30.00
	Ant4	5190	/	21.63	20.64	/	≤30.00	≤30.00
	total	5190	/	27.49	26.54	/	≤30.00	≤27.22
	Ant1	5230	/	21.77	20.73	/	≤30.00	≤30.00
	Ant2	5230	/	21.98	20.76	/	≤30.00	≤30.00
	Ant3	5230	/	21.42	20.26	/	≤30.00	≤30.00
	Ant4	5230	/	21.95	20.83	/	≤30.00	≤30.00
	total	5230	/	27.81	26.67	/	≤30.00	≤27.22
	Ant1	5270	/	17.48	15.08	/	≤24.00	≤24.00
	Ant2	5270	/	17.63	15.19	/	≤24.00	≤24.00
	Ant3	5270	/	16.86	14.47	/	≤24.00	≤24.00
	Ant4	5270	/	17.43	15.10	/	≤24.00	≤24.00
	total	5270	/	23.38	20.99	/	≤24.00	≤21.22
	Ant1	5310	/	17.28	14.45	/	≤24.00	≤24.00
	Ant2	5310	/	17.45	14.64	/	≤24.00	≤24.00
	Ant3	5310	/	16.94	14.13	/	≤24.00	≤24.00
	Ant4	5310	/	17.19	13.99	/	≤24.00	≤24.00
	total	5310	/	23.24	20.33	/	≤24.00	≤21.22
	Ant1	5510	/	16.75	14.14	/	≤24.00	≤24.00
	Ant2	5510	/	17.46	14.85	/	≤24.00	≤24.00
	Ant3	5510	/	16.50	14.55	/	≤24.00	≤24.00
	Ant4	5510	/	17.28	14.97	/	≤24.00	≤24.00
	total	5510	/	23.04	20.66	/	≤24.00	≤21.22
	Ant1	5550	/	17.33	14.52	/	≤24.00	≤24.00
	Ant2	5550	/	17.64	15.08	/	≤24.00	≤24.00
	Ant3	5550	/	16.90	14.16	/	≤24.00	≤24.00
	Ant4	5550	/	17.32	14.48	/	≤24.00	≤24.00
	total	5550	/	23.33	20.59	/	≤24.00	≤21.22
	Ant1	5670	/	17.06	14.99	/	≤24.00	≤24.00
	Ant2	5670	/	16.88	15.19	/	≤24.00	≤24.00
	Ant3	5670	/	17.11	14.95	/	≤24.00	≤24.00
	Ant4	5670	/	16.67	14.24	/	≤24.00	≤24.00
	total	5670	/	22.95	20.88	/	≤24.00	≤21.22
	Ant1	5710 UNII-2C	/	14.18	11.10	/	≤24.00	≤24.00
	Ant2	5710 UNII-2C	/	14.21	11.04	/	≤24.00	≤24.00
	Ant3	5710 UNII-2C	/	13.82	11.39	/	≤24.00	≤24.00
	Ant4	5710 UNII-2C	/	13.93	11.03	/	≤24.00	≤24.00
	total	5710 UNII-2C	/	20.06	17.16	/	≤24.00	≤21.22
	Ant1	5710 UNII-3	/	3.06	0.11	/	≤30.00	≤30.00
	Ant2	5710 UNII-3	/	3.20	0.18	/	≤30.00	≤30.00
	Ant3	5710 UNII-3	/	2.94	0.14	/	≤30.00	≤30.00
	Ant4	5710 UNII-3	/	3.07	-0.36	/	≤30.00	≤30.00
	total	5710 UNII-3	/	9.09	6.04	/	≤30.00	≤27.22
	Ant1	5755	/	22.55	20.90	/	≤30.00	≤30.00
	Ant2	5755	/	23.13	21.23	/	≤30.00	≤30.00
	Ant3	5755	/	22.69	20.30	/	≤30.00	≤30.00
	Ant4	5755	/	22.60	20.50	/	≤30.00	≤30.00
	total	5755	/	28.77	26.77	/	≤30.00	≤27.22
	Ant1	5795	/	23.39	21.09	/	≤30.00	≤30.00
	Ant2	5795	/	23.67	21.51	/	≤30.00	≤30.00
	Ant3	5795	/	22.48	20.18	/	≤30.00	≤30.00
	Ant4	5795	/	22.93	20.65	/	≤30.00	≤30.00
	total	5795	/	29.16	26.91	/	≤30.00	≤27.22
11AC80	Ant1	5210	/	21.52	20.51	/	≤30.00	≤30.00
	Ant2	5210	/	21.77	20.83	/	≤30.00	≤30.00
	Ant3	5210	/	21.42	20.19	/	≤30.00	≤30.00
	Ant4	5210	/	21.74	20.62	/	≤30.00	≤30.00
	total	5210	/	27.64	26.56	/	≤30.00	≤27.22
	Ant1	5290	/	17.32	14.49	/	≤24.00	≤24.00
	Ant2	5290	/	17.36	14.55	/	≤24.00	≤24.00
	Ant3	5290	/	16.73	13.95	/	≤24.00	≤24.00
	Ant4	5290	/	17.21	14.58	/	≤24.00	≤24.00
	total	5290	/	23.18	20.42	/	≤24.00	≤21.22
	Ant1	5530	/	17.25	14.44	/	≤24.00	≤24.00
	Ant2	5530	/	17.72	14.94	/	≤24.00	≤24.00
	Ant3	5530	/	17.04	14.13	/	≤24.00	≤24.00
	Ant4	5530	/	17.56	14.44	/	≤24.00	≤24.00
	total	5530	/	23.42	20.52	/	≤24.00	≤21.22

	Ant1	5610	/	17.82	14.35	/	≤24.00	≤24.00
	Ant2	5610	/	18.00	14.58	/	≤24.00	≤24.00
	Ant3	5610	/	17.56	14.00	/	≤24.00	≤24.00
	Ant4	5610	/	17.50	13.91	/	≤24.00	≤24.00
	total	5610	/	23.75	20.24	/	≤24.00	≤21.22
	Ant1	5690 UNII-2C	/	14.87	11.52	/	≤24.00	≤24.00
	Ant2	5690 UNII-2C	/	15.17	11.25	/	≤24.00	≤24.00
	Ant3	5690 UNII-2C	/	14.75	11.27	/	≤24.00	≤24.00
	Ant4	5690 UNII-2C	/	15.10	11.36	/	≤24.00	≤24.00
	total	5690 UNII-2C	/	21.00	17.37	/	≤24.00	≤21.22
	Ant1	5690 UNII-3	/	0.30	-2.43	/	≤30.00	≤30.00
	Ant2	5690 UNII-3	/	0.28	-2.09	/	≤30.00	≤30.00
	Ant3	5690 UNII-3	/	0.53	-1.93	/	≤30.00	≤30.00
	Ant4	5690 UNII-3	/	0.78	-2.15	/	≤30.00	≤30.00
	total	5690 UNII-3	/	6.50	3.87	/	≤30.00	≤27.22
	Ant1	5775	/	23.43	20.71	/	≤30.00	≤30.00
	Ant2	5775	/	23.80	21.07	/	≤30.00	≤30.00
	Ant3	5775	/	22.94	19.82	/	≤30.00	≤30.00
	Ant4	5775	/	23.26	20.29	/	≤30.00	≤30.00
	total	5775	/	29.39	26.52	/	≤30.00	≤27.22
11AC160	Ant1	5250	/	17.29	14.67	/	≤24.00	≤24.00
	Ant2	5250	/	17.48	14.84	/	≤24.00	≤24.00
	Ant3	5250	/	17.09	14.40	/	≤24.00	≤24.00
	Ant4	5250	/	17.38	14.66	/	≤24.00	≤24.00
	total	5250	/	23.33	20.67	/	≤24.00	≤21.22
	Ant1	5570	/	17.30	15.13	/	≤24.00	≤24.00
	Ant2	5570	/	17.66	15.29	/	≤24.00	≤24.00
	Ant3	5570	/	17.27	14.81	/	≤24.00	≤24.00
	Ant4	5570	/	17.27	14.89	/	≤24.00	≤24.00
	total	5570	/	23.40	21.05	/	≤24.00	≤21.22
11AX20	Ant1	5180	/	21.56	20.09	/	≤30.00	≤30.00
	Ant2	5180	/	21.73	20.56	/	≤30.00	≤30.00
	Ant3	5180	/	21.64	20.16	/	≤30.00	≤30.00
	Ant4	5180	/	21.71	20.34	/	≤30.00	≤30.00
	total	5180	/	27.68	26.31	/	≤30.00	≤27.22
	Ant1	5200	/	22.14	20.77	/	≤30.00	≤30.00
	Ant2	5200	/	22.27	21.02	/	≤30.00	≤30.00
	Ant3	5200	/	21.83	20.54	/	≤30.00	≤30.00
	Ant4	5200	/	22.28	20.79	/	≤30.00	≤30.00
	total	5200	/	28.15	26.80	/	≤30.00	≤27.22
	Ant1	5240	/	22.16	20.70	/	≤30.00	≤30.00
	Ant2	5240	/	22.20	20.81	/	≤30.00	≤30.00
	Ant3	5240	/	21.69	20.22	/	≤30.00	≤30.00
	Ant4	5240	/	22.19	20.74	/	≤30.00	≤30.00
	total	5240	/	28.09	26.64	/	≤30.00	≤27.22
	Ant1	5260	/	16.00	15.23	/	≤24.00	≤24.00
	Ant2	5260	/	15.87	14.93	/	≤24.00	≤24.00
	Ant3	5260	/	15.19	14.11	/	≤24.00	≤24.00
	Ant4	5260	/	15.84	14.73	/	≤24.00	≤24.00
	total	5260	/	21.76	20.79	/	≤24.00	≤21.22
	Ant1	5280	/	15.86	15.05	/	≤24.00	≤24.00
	Ant2	5280	/	15.72	14.84	/	≤24.00	≤24.00
	Ant3	5280	/	15.09	14.15	/	≤24.00	≤24.00
	Ant4	5280	/	15.66	14.58	/	≤24.00	≤24.00
	total	5280	/	21.61	20.69	/	≤24.00	≤21.22
	Ant1	5320	/	15.32	15.14	/	≤24.00	≤24.00
	Ant2	5320	/	15.33	15.07	/	≤24.00	≤24.00
	Ant3	5320	/	15.13	14.84	/	≤24.00	≤24.00
	Ant4	5320	/	14.94	14.77	/	≤24.00	≤24.00
	total	5320	/	21.20	20.98	/	≤24.00	≤21.22
Ant1	5500	/	16.52	14.70	/	≤24.00	≤24.00	
Ant2	5500	/	16.65	15.03	/	≤24.00	≤24.00	
Ant3	5500	/	15.53	13.72	/	≤24.00	≤24.00	
Ant4	5500	/	16.02	14.01	/	≤24.00	≤24.00	
total	5500	/	22.22	20.42	/	≤24.00	≤21.22	
Ant1	5580	/	16.77	15.02	/	≤24.00	≤24.00	
Ant2	5580	/	16.89	15.20	/	≤24.00	≤24.00	
Ant3	5580	/	16.16	14.41	/	≤24.00	≤24.00	
Ant4	5580	/	16.24	14.18	/	≤24.00	≤24.00	

	total	5580	/	22.55	20.74	/	≤24.00	≤21.22
	Ant1	5700	/	15.94	14.26	/	≤24.00	≤24.00
	Ant2	5700	/	16.51	14.92	/	≤24.00	≤24.00
	Ant3	5700	/	16.34	14.10	/	≤24.00	≤24.00
	Ant4	5700	/	16.56	14.91	/	≤24.00	≤24.00
	total	5700	/	22.37	20.58	/	≤24.00	≤21.22
	Ant1	5720 UNII-2C	/	12.66	11.12	/	≤24.00	≤24.00
	Ant2	5720 UNII-2C	/	13.18	11.63	/	≤24.00	≤24.00
	Ant3	5720 UNII-2C	/	12.27	10.60	/	≤24.00	≤24.00
	Ant4	5720 UNII-2C	/	12.74	10.75	/	≤24.00	≤24.00
	total	5720 UNII-2C	/	18.75	17.06	/	≤24.00	≤21.22
	Ant1	5720 UNII-3	/	7.05	5.55	/	≤30.00	≤30.00
	Ant2	5720 UNII-3	/	7.56	6.05	/	≤30.00	≤30.00
	Ant3	5720 UNII-3	/	6.72	5.14	/	≤30.00	≤30.00
	Ant4	5720 UNII-3	/	7.21	5.30	/	≤30.00	≤30.00
	total	5720 UNII-3	/	13.17	11.54	/	≤30.00	≤27.22
	Ant1	5745	/	23.10	20.61	/	≤30.00	≤30.00
	Ant2	5745	/	23.72	20.91	/	≤30.00	≤30.00
	Ant3	5745	/	23.13	20.00	/	≤30.00	≤30.00
	Ant4	5745	/	23.11	20.45	/	≤30.00	≤30.00
	total	5745	/	29.29	26.53	/	≤30.00	≤27.22
	Ant1	5785	/	23.71	21.33	/	≤30.00	≤30.00
	Ant2	5785	/	24.22	21.81	/	≤30.00	≤30.00
	Ant3	5785	/	23.02	20.34	/	≤30.00	≤30.00
	Ant4	5785	/	23.56	21.04	/	≤30.00	≤30.00
	total	5785	/	29.67	27.18	/	≤30.00	≤27.22
	Ant1	5825	/	23.95	21.54	/	≤30.00	≤30.00
	Ant2	5825	/	24.39	21.77	/	≤30.00	≤30.00
	Ant3	5825	/	23.15	20.35	/	≤30.00	≤30.00
	Ant4	5825	/	23.63	20.92	/	≤30.00	≤30.00
	total	5825	/	29.82	27.20	/	≤30.00	≤27.22
	Ant1	5190	/	20.42	20.56	/	≤30.00	≤30.00
	Ant2	5190	/	20.73	20.54	/	≤30.00	≤30.00
	Ant3	5190	/	20.29	20.25	/	≤30.00	≤30.00
	Ant4	5190	/	20.79	20.71	/	≤30.00	≤30.00
	total	5190	/	26.58	26.54	/	≤30.00	≤27.22
	Ant1	5230	/	20.28	20.70	/	≤30.00	≤30.00
	Ant2	5230	/	20.40	20.26	/	≤30.00	≤30.00
	Ant3	5230	/	19.93	20.38	/	≤30.00	≤30.00
	Ant4	5230	/	20.61	20.51	/	≤30.00	≤30.00
	total	5230	/	26.33	26.49	/	≤30.00	≤27.22
	Ant1	5270	/	17.25	14.85	/	≤24.00	≤24.00
	Ant2	5270	/	17.39	14.80	/	≤24.00	≤24.00
	Ant3	5270	/	16.71	14.28	/	≤24.00	≤24.00
	Ant4	5270	/	17.14	14.76	/	≤24.00	≤24.00
	total	5270	/	23.15	20.70	/	≤24.00	≤21.22
	Ant1	5310	/	17.02	14.77	/	≤24.00	≤24.00
	Ant2	5310	/	17.19	15.00	/	≤24.00	≤24.00
	Ant3	5310	/	16.70	14.54	/	≤24.00	≤24.00
	Ant4	5310	/	16.76	14.57	/	≤24.00	≤24.00
	total	5310	/	22.94	20.74	/	≤24.00	≤21.22
	Ant1	5510	/	17.15	14.39	/	≤24.00	≤24.00
	Ant2	5510	/	17.64	15.11	/	≤24.00	≤24.00
	Ant3	5510	/	16.69	13.94	/	≤24.00	≤24.00
	Ant4	5510	/	17.32	14.63	/	≤24.00	≤24.00
	total	5510	/	23.23	20.56	/	≤24.00	≤21.22
	Ant1	5550	/	17.45	14.82	/	≤24.00	≤24.00
	Ant2	5550	/	17.97	15.36	/	≤24.00	≤24.00
	Ant3	5550	/	17.15	14.32	/	≤24.00	≤24.00
	Ant4	5550	/	17.41	14.74	/	≤24.00	≤24.00
	total	5550	/	23.53	20.85	/	≤24.00	≤21.22
	Ant1	5670	/	17.35	14.56	/	≤24.00	≤24.00
	Ant2	5670	/	17.24	14.54	/	≤24.00	≤24.00
	Ant3	5670	/	17.23	14.47	/	≤24.00	≤24.00
	Ant4	5670	/	16.77	13.72	/	≤24.00	≤24.00
	total	5670	/	23.17	20.36	/	≤24.00	≤21.22
	Ant1	5710 UNII-2C	/	14.52	11.12	/	≤24.00	≤24.00
	Ant2	5710 UNII-2C	/	14.43	11.10	/	≤24.00	≤24.00
	Ant3	5710 UNII-2C	/	13.92	11.36	/	≤24.00	≤24.00

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	Ant4	5710 UNII-2C	/	13.95	10.98	/	≤24.00	≤24.00	
	total	5710 UNII-2C	/	20.23	17.16	/	≤24.00	≤21.22	
	Ant1	5710 UNII-3	/	4.51	0.89	/	≤30.00	≤30.00	
	Ant2	5710 UNII-3	/	4.48	0.95	/	≤30.00	≤30.00	
	Ant3	5710 UNII-3	/	4.22	0.83	/	≤30.00	≤30.00	
	Ant4	5710 UNII-3	/	4.19	0.40	/	≤30.00	≤30.00	
	total	5710 UNII-3	/	10.37	6.79	/	≤30.00	≤27.22	
	Ant1	5755	/	23.51	20.81	/	≤30.00	≤30.00	
	Ant2	5755	/	24.05	21.54	/	≤30.00	≤30.00	
	Ant3	5755	/	23.18	20.33	/	≤30.00	≤30.00	
	Ant4	5755	/	23.15	20.67	/	≤30.00	≤30.00	
	total	5755	/	29.51	26.88	/	≤30.00	≤27.22	
	Ant1	5795	/	23.88	21.29	/	≤30.00	≤30.00	
	Ant2	5795	/	24.26	21.66	/	≤30.00	≤30.00	
	Ant3	5795	/	23.17	20.30	/	≤30.00	≤30.00	
	Ant4	5795	/	23.40	20.91	/	≤30.00	≤30.00	
	total	5795	/	29.72	27.09	/	≤30.00	≤27.22	
11AX80	Ant1	5210	/	20.08	20.14	/	≤30.00	≤30.00	
	Ant2	5210	/	20.33	20.48	/	≤30.00	≤30.00	
	Ant3	5210	/	19.93	19.93	/	≤30.00	≤30.00	
	Ant4	5210	/	20.20	20.13	/	≤30.00	≤30.00	
	total	5210	/	26.16	26.20	/	≤30.00	≤27.22	
	Ant1	5290	/	17.34	14.60	/	≤24.00	≤24.00	
	Ant2	5290	/	17.54	14.62	/	≤24.00	≤24.00	
	Ant3	5290	/	16.90	14.00	/	≤24.00	≤24.00	
	Ant4	5290	/	17.38	14.71	/	≤24.00	≤24.00	
	total	5290	/	23.32	20.51	/	≤24.00	≤21.22	
	Ant1	5530	/	17.38	14.51	/	≤24.00	≤24.00	
	Ant2	5530	/	17.81	14.87	/	≤24.00	≤24.00	
	Ant3	5530	/	17.13	14.22	/	≤24.00	≤24.00	
	Ant4	5530	/	17.59	14.75	/	≤24.00	≤24.00	
	total	5530	/	23.51	20.62	/	≤24.00	≤21.22	
	Ant1	5610	/	18.07	15.14	/	≤24.00	≤24.00	
	Ant2	5610	/	18.04	15.16	/	≤24.00	≤24.00	
	Ant3	5610	/	17.79	14.63	/	≤24.00	≤24.00	
	Ant4	5610	/	17.69	14.78	/	≤24.00	≤24.00	
	total	5610	/	23.92	20.95	/	≤24.00	≤21.22	
	Ant1	5690 UNII-2C	/	17.22	11.29	/	≤24.00	≤24.00	
	Ant2	5690 UNII-2C	/	17.37	11.67	/	≤24.00	≤24.00	
	Ant3	5690 UNII-2C	/	16.88	11.24	/	≤24.00	≤24.00	
	Ant4	5690 UNII-2C	/	17.17	11.31	/	≤24.00	≤24.00	
	total	5690 UNII-2C	/	23.18	17.40	/	≤24.00	≤21.22	
	Ant1	5690 UNII-3	/	3.53	-1.52	/	≤30.00	≤30.00	
	Ant2	5690 UNII-3	/	3.83	-1.18	/	≤30.00	≤30.00	
	Ant3	5690 UNII-3	/	3.72	-1.07	/	≤30.00	≤30.00	
	Ant4	5690 UNII-3	/	3.88	-1.19	/	≤30.00	≤30.00	
	total	5690 UNII-3	/	9.76	4.78	/	≤30.00	≤27.22	
		Ant1	5775	/	23.47	21.05	/	≤30.00	≤30.00
		Ant2	5775	/	23.87	21.35	/	≤30.00	≤30.00
	Ant3	5775	/	22.96	20.24	/	≤30.00	≤30.00	
	Ant4	5775	/	23.26	20.56	/	≤30.00	≤30.00	
	total	5775	/	29.42	26.84	/	≤30.00	≤27.22	
11AX160	Ant1	5250	/	17.50	15.17	/	≤24.00	≤24.00	
	Ant2	5250	/	17.59	15.33	/	≤24.00	≤24.00	
	Ant3	5250	/	17.27	14.83	/	≤24.00	≤24.00	
	Ant4	5250	/	17.65	15.11	/	≤24.00	≤24.00	
	total	5250	/	23.53	21.13	/	≤24.00	≤21.22	
	Ant1	5570	/	17.44	15.21	/	≤24.00	≤24.00	
	Ant2	5570	/	17.85	15.49	/	≤24.00	≤24.00	
	Ant3	5570	/	17.36	14.96	/	≤24.00	≤24.00	
	Ant4	5570	/	17.55	14.99	/	≤24.00	≤24.00	
total	5570	/	23.57	21.19	/	≤24.00	≤21.22		

**Remark:**

Band	Antenna Gain(dBi)				
	Ant.1(Horizontal)	Ant.2(Horizontal)	Ant.3(Horizontal)	Ant.4(Vertical)	Directional gain
5G	5.45	5.89	5.65	4.59	<b>8.78</b>

According to the manufacture, the FiberGateway utilizes cross-polarized antennas. The ant.1 horizontal, (ant.2 and ant.3) horizontal orthogonal, ant.4 vertical, the antenna 2 and antenna3 are in the same polarization, they are orthogonal to the other two antennas (antenna 1 and antenna 4). Per FCC KDB "662911 D01 Multiple Transmitter Output v02r01", The highest of the total gain shall apply.

The highest of the total gain=(ANT2+ANT3=8.78dBi)

Directional gain =  $10 \log[(10^{G1/20} + 10^{G2/20})^2 / 2]$

For Power:

Beamforming Mode the Directional gain=8.78dBi

CDD Mode the Directional gain use max. antenna Gain 5.89dBi.

Note: The Duty Cycle Factor is compensated in the graph.

## 4. Maximum power spectral density

### 4.1. Test Result

The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

Test Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]			Limit[dBm/MHz] Limit [dBm/500kHz]
			SISO	CDD	BF	
11A	Ant1	5180	10.98	/	/	≤17.00
	Ant2	5180	10.97	/	/	≤17.00
	Ant3	5180	10.88	/	/	≤17.00
	Ant4	5180	10.63	/	/	≤17.00
	Ant1	5200	10.28	/	/	≤17.00
	Ant2	5200	10.80	/	/	≤17.00
	Ant3	5200	10.16	/	/	≤17.00
	Ant4	5200	10.68	/	/	≤17.00
	Ant1	5240	10.28	/	/	≤17.00
	Ant2	5240	10.02	/	/	≤17.00
	Ant3	5240	9.82	/	/	≤17.00
	Ant4	5240	10.58	/	/	≤17.00
	Ant1	5260	9.40	/	/	≤11.00
	Ant2	5260	9.21	/	/	≤11.00
	Ant3	5260	9.58	/	/	≤11.00
	Ant4	5260	10.44	/	/	≤11.00
	Ant1	5280	9.70	/	/	≤11.00
	Ant2	5280	9.89	/	/	≤11.00
	Ant3	5280	9.20	/	/	≤11.00
	Ant4	5280	9.92	/	/	≤11.00
	Ant1	5320	9.00	/	/	≤11.00
	Ant2	5320	8.99	/	/	≤11.00
	Ant3	5320	8.96	/	/	≤11.00
	Ant4	5320	9.20	/	/	≤11.00
	Ant1	5500	10.79	/	/	≤11.00
	Ant2	5500	10.60	/	/	≤11.00
	Ant3	5500	10.23	/	/	≤11.00
	Ant4	5500	10.38	/	/	≤11.00
	Ant1	5580	10.28	/	/	≤11.00
	Ant2	5580	9.75	/	/	≤11.00
	Ant3	5580	9.80	/	/	≤11.00
	Ant4	5580	9.40	/	/	≤11.00
	Ant1	5700	9.57	/	/	≤11.00
	Ant2	5700	9.99	/	/	≤11.00
	Ant3	5700	10.43	/	/	≤11.00
	Ant4	5700	10.12	/	/	≤11.00
	Ant1	5720 UNII-2C	9.29	/	/	≤11.00
	Ant2	5720 UNII-2C	10.00	/	/	≤11.00
	Ant3	5720 UNII-2C	9.99	/	/	≤11.00
	Ant4	5720 UNII-2C	10.37	/	/	≤11.00
Ant1	5720 UNII-3	6.62	/	/	≤30.00	
Ant2	5720 UNII-3	6.98	/	/	≤30.00	
Ant3	5720 UNII-3	7.03	/	/	≤30.00	
Ant4	5720 UNII-3	7.08	/	/	≤30.00	
Ant1	5745	8.95	/	/	≤30.00	
Ant2	5745	9.76	/	/	≤30.00	
Ant3	5745	8.26	/	/	≤30.00	
Ant4	5745	11.41	/	/	≤30.00	
Ant1	5785	9.24	/	/	≤30.00	
Ant2	5785	9.97	/	/	≤30.00	
Ant3	5785	11.02	/	/	≤30.00	
Ant4	5785	8.55	/	/	≤30.00	
Ant1	5825	9.64	/	/	≤30.00	
Ant2	5825	10.23	/	/	≤30.00	
Ant3	5825	10.61	/	/	≤30.00	
Ant4	5825	12.15	/	/	≤30.00	
11A	Ant1	5180	/	7.95	6.37	≤17.00
	Ant2	5180	/	8.15	6.97	≤17.00



Ant3	5180	/	8.12	6.43	≤17.00
Ant4	5180	/	8.17	6.69	≤17.00
total	5180	/	14.12	12.64	≤14.22
Ant1	5200	/	7.59	7.19	≤17.00
Ant2	5200	/	8.09	6.93	≤17.00
Ant3	5200	/	8.02	7.09	≤17.00
Ant4	5200	/	8.11	7.19	≤17.00
total	5200	/	13.98	13.12	≤14.22
Ant1	5240	/	8.18	6.53	≤17.00
Ant2	5240	/	8.36	7.06	≤17.00
Ant3	5240	/	7.84	6.98	≤17.00
Ant4	5240	/	8.10	7.10	≤17.00
total	5240	/	14.14	12.94	≤14.22
Ant1	5260	/	2.77	1.34	≤11.00
Ant2	5260	/	1.94	0.61	≤11.00
Ant3	5260	/	1.22	0.09	≤11.00
Ant4	5260	/	2.03	0.94	≤11.00
total	5260	/	8.05	6.79	≤8.22
Ant1	5280	/	2.27	1.15	≤11.00
Ant2	5280	/	2.14	0.66	≤11.00
Ant3	5280	/	1.82	0.19	≤11.00
Ant4	5280	/	1.86	0.79	≤11.00
total	5280	/	8.05	6.73	≤8.22
Ant1	5320	/	1.66	0.51	≤11.00
Ant2	5320	/	1.86	0.74	≤11.00
Ant3	5320	/	2.00	0.77	≤11.00
Ant4	5320	/	1.65	0.48	≤11.00
total	5320	/	7.82	6.65	≤8.22
Ant1	5500	/	1.81	2.03	≤11.00
Ant2	5500	/	2.33	2.16	≤11.00
Ant3	5500	/	1.82	1.19	≤11.00
Ant4	5500	/	2.21	1.26	≤11.00
total	5500	/	8.07	7.70	≤8.22
Ant1	5580	/	2.28	2.27	≤11.00
Ant2	5580	/	2.46	1.81	≤11.00
Ant3	5580	/	1.44	1.21	≤11.00
Ant4	5580	/	1.71	1.46	≤11.00
total	5580	/	8.01	7.73	≤8.22
Ant1	5700	/	1.78	1.26	≤11.00
Ant2	5700	/	2.48	1.86	≤11.00
Ant3	5700	/	1.88	1.13	≤11.00
Ant4	5700	/	2.28	0.63	≤11.00
total	5700	/	8.14	7.26	≤8.22
Ant1	5720_UNII-2C	/	1.92	1.15	≤11.00
Ant2	5720_UNII-2C	/	2.51	1.70	≤11.00
Ant3	5720_UNII-2C	/	1.73	0.81	≤11.00
Ant4	5720_UNII-2C	/	2.35	0.72	≤11.00
Total	5720_UNII-2C	/	8.16	7.13	≤8.22
Ant1	5720_UNII-3	/	-0.89	-2.22	≤30.00
Ant2	5720_UNII-3	/	-0.59	-1.05	≤30.00
Ant3	5720_UNII-3	/	-1.26	-2.26	≤30.00
Ant4	5720_UNII-3	/	-0.64	-1.95	≤30.00
Total	5720_UNII-3	/	5.18	4.18	≤27.22
Ant1	5745	/	7.10	4.82	≤30.00
Ant2	5745	/	6.98	4.86	≤30.00
Ant3	5745	/	6.36	4.57	≤30.00
Ant4	5745	/	6.81	4.47	≤30.00
total	5745	/	12.84	10.70	≤27.22

	Ant1	5785	/	7.36	5.36	≤30.00
	Ant2	5785	/	7.66	5.35	≤30.00
	Ant3	5785	/	6.52	4.11	≤30.00
	Ant4	5785	/	6.95	4.82	≤30.00
	total	5785	/	13.16	10.96	≤27.22
	Ant1	5825	/	7.64	5.27	≤30.00
	Ant2	5825	/	7.83	5.75	≤30.00
	Ant3	5825	/	6.37	4.16	≤30.00
	Ant4	5825	/	7.17	4.72	≤30.00
	total	5825	/	13.31	11.04	≤27.22
11N20	Ant1	5180	/	7.97	6.39	≤17.00
	Ant2	5180	/	8.45	6.99	≤17.00
	Ant3	5180	/	7.94	6.15	≤17.00
	Ant4	5180	/	8.28	6.70	≤17.00
	total	5180	/	14.19	12.59	≤14.22
	Ant1	5200	/	7.99	7.30	≤17.00
	Ant2	5200	/	8.14	7.50	≤17.00
	Ant3	5200	/	7.74	6.64	≤17.00
	Ant4	5200	/	7.88	7.38	≤17.00
	total	5200	/	13.96	13.24	≤14.22
	Ant1	5240	/	8.09	7.36	≤17.00
	Ant2	5240	/	7.81	7.57	≤17.00
	Ant3	5240	/	7.32	6.68	≤17.00
	Ant4	5240	/	7.71	7.11	≤17.00
	total	5240	/	13.76	13.21	≤14.22
	Ant1	5260	/	2.31	0.98	≤11.00
	Ant2	5260	/	2.11	0.72	≤11.00
	Ant3	5260	/	1.24	0.23	≤11.00
	Ant4	5260	/	2.03	0.57	≤11.00
	total	5260	/	7.96	6.65	≤8.22
	Ant1	5280	/	1.99	0.96	≤11.00
	Ant2	5280	/	1.99	1.20	≤11.00
	Ant3	5280	/	1.29	0.18	≤11.00
	Ant4	5280	/	1.40	0.97	≤11.00
	total	5280	/	7.70	6.86	≤8.22
	Ant1	5320	/	1.91	0.34	≤11.00
	Ant2	5320	/	1.69	0.69	≤11.00
	Ant3	5320	/	1.80	0.34	≤11.00
	Ant4	5320	/	1.47	-0.34	≤11.00
	total	5320	/	7.74	6.29	≤8.22
	Ant1	5500	/	2.43	1.70	≤11.00
	Ant2	5500	/	2.31	2.11	≤11.00
	Ant3	5500	/	1.21	1.24	≤11.00
	Ant4	5500	/	1.96	1.17	≤11.00
	total	5500	/	8.02	7.59	≤8.22
	Ant1	5580	/	2.26	1.78	≤11.00
	Ant2	5580	/	2.48	1.59	≤11.00
	Ant3	5580	/	1.52	0.92	≤11.00
	Ant4	5580	/	2.09	0.89	≤11.00
	total	5580	/	8.12	7.33	≤8.22
Ant1	5700	/	1.41	0.79	≤11.00	
Ant2	5700	/	2.04	1.69	≤11.00	
Ant3	5700	/	1.41	0.47	≤11.00	
Ant4	5700	/	1.83	0.38	≤11.00	
total	5700	/	7.70	6.89	≤8.22	
Ant1	5720_UNII-2C	/	1.36	0.81	≤11.00	
Ant2	5720_UNII-2C	/	2.20	1.56	≤11.00	
Ant3	5720_UNII-2C	/	1.06	0.48	≤11.00	

	Ant4	5720_UNII-2C	/	1.54	0.49	≤11.00
	Total	5720_UNII-2C	/	7.58	6.88	≤8.22
	Ant1	5720_UNII-3	/	-1.52	-2.12	≤30.00
	Ant2	5720_UNII-3	/	-0.87	-1.33	≤30.00
	Ant3	5720_UNII-3	/	-1.48	-2.48	≤30.00
	Ant4	5720_UNII-3	/	-1.25	-2.43	≤30.00
	Total	5720_UNII-3	/	4.75	3.96	≤27.22
	Ant1	5745	/	6.93	4.68	≤30.00
	Ant2	5745	/	7.91	4.96	≤30.00
	Ant3	5745	/	6.91	4.00	≤30.00
	Ant4	5745	/	7.24	4.22	≤30.00
	total	5745	/	13.29	10.50	≤27.22
	Ant1	5785	/	6.88	4.77	≤30.00
	Ant2	5785	/	7.24	5.07	≤30.00
	Ant3	5785	/	6.03	3.61	≤30.00
	Ant4	5785	/	6.86	4.24	≤30.00
	total	5785	/	12.80	10.48	≤27.22
	Ant1	5825	/	7.44	4.95	≤30.00
	Ant2	5825	/	7.87	5.06	≤30.00
	Ant3	5825	/	6.66	3.89	≤30.00
	Ant4	5825	/	6.98	3.97	≤30.00
	total	5825	/	13.28	10.52	≤27.22
11N40	Ant1	5190	/	5.73	3.07	≤17.00
	Ant2	5190	/	5.90	3.08	≤17.00
	Ant3	5190	/	5.80	3.08	≤17.00
	Ant4	5190	/	5.82	3.25	≤17.00
	total	5190	/	11.83	9.14	≤14.22
	Ant1	5230	/	5.97	2.89	≤17.00
	Ant2	5230	/	5.90	3.56	≤17.00
	Ant3	5230	/	5.52	2.83	≤17.00
	Ant4	5230	/	6.54	3.22	≤17.00
	total	5230	/	12.02	9.16	≤14.22
	Ant1	5270	/	0.96	-2.85	≤11.00
	Ant2	5270	/	1.27	-2.30	≤11.00
	Ant3	5270	/	0.54	-3.36	≤11.00
	Ant4	5270	/	0.56	-2.78	≤11.00
	total	5270	/	6.86	3.21	≤8.22
	Ant1	5310	/	0.97	-3.59	≤11.00
	Ant2	5310	/	1.45	-3.28	≤11.00
	Ant3	5310	/	1.13	-3.82	≤11.00
	Ant4	5310	/	0.88	-3.38	≤11.00
	total	5310	/	7.13	2.51	≤8.22
	Ant1	5510	/	0.50	-1.90	≤11.00
	Ant2	5510	/	0.61	-1.46	≤11.00
	Ant3	5510	/	-0.05	-2.64	≤11.00
	Ant4	5510	/	0.64	-2.06	≤11.00
	total	5510	/	6.45	4.03	≤8.22
	Ant1	5550	/	0.46	-1.87	≤11.00
	Ant2	5550	/	0.80	-1.48	≤11.00
	Ant3	5550	/	-0.31	-2.28	≤11.00
	Ant4	5550	/	0.35	-2.31	≤11.00
	total	5550	/	6.36	4.05	≤8.22
	Ant1	5670	/	0.44	-2.32	≤11.00
	Ant2	5670	/	-0.24	-2.75	≤11.00
	Ant3	5670	/	-0.02	-2.32	≤11.00
Ant4	5670	/	-0.51	-3.65	≤11.00	
total	5670	/	5.95	3.29	≤8.22	
	Ant1	5710_UNII-2C	/	0.28	-2.51	≤11.00

	Ant2	5710_UNII-2C	/	0.02	-2.50	≤11.00
	Ant3	5710_UNII-2C	/	-0.27	-2.57	≤11.00
	Ant4	5710_UNII-2C	/	0.58	-3.27	≤11.00
	total	5710_UNII-2C	/	6.18	3.32	≤8.22
	Ant1	5710_UNII-3	/	-3.30	-5.89	≤30.00
	Ant2	5710_UNII-3	/	-3.32	-5.57	≤30.00
	Ant3	5710_UNII-3	/	-3.05	-5.52	≤30.00
	Ant4	5710_UNII-3	/	-3.16	-6.08	≤30.00
	total	5710_UNII-3	/	2.81	0.26	≤27.22
	Ant1	5755	/	3.91	1.85	≤30.00
	Ant2	5755	/	4.36	2.94	≤30.00
	Ant3	5755	/	3.80	1.08	≤30.00
	Ant4	5755	/	3.65	1.65	≤30.00
	total	5755	/	9.96	7.95	≤27.22
	Ant1	5795	/	4.33	2.76	≤30.00
	Ant2	5795	/	5.19	2.78	≤30.00
	Ant3	5795	/	3.39	0.96	≤30.00
	Ant4	5795	/	3.88	1.60	≤30.00
	total	5795	/	10.27	8.11	≤27.22
11AC20	Ant1	5180	/	7.85	6.18	≤17.00
	Ant2	5180	/	8.20	6.51	≤17.00
	Ant3	5180	/	7.86	6.29	≤17.00
	Ant4	5180	/	8.08	6.36	≤17.00
	total	5180	/	14.02	12.36	≤14.22
	Ant1	5200	/	8.24	6.75	≤17.00
	Ant2	5200	/	8.28	7.09	≤17.00
	Ant3	5200	/	7.89	6.34	≤17.00
	Ant4	5200	/	8.34	6.75	≤17.00
	total	5200	/	14.21	12.76	≤14.22
	Ant1	5240	/	8.35	6.74	≤17.00
	Ant2	5240	/	8.21	6.56	≤17.00
	Ant3	5240	/	7.63	6.12	≤17.00
	Ant4	5240	/	8.07	6.37	≤17.00
	total	5240	/	14.09	12.47	≤14.22
	Ant1	5260	/	2.15	1.23	≤11.00
	Ant2	5260	/	1.92	1.01	≤11.00
	Ant3	5260	/	1.43	0.32	≤11.00
	Ant4	5260	/	2.06	0.74	≤11.00
	total	5260	/	7.92	6.86	≤8.22
	Ant1	5280	/	2.02	0.99	≤11.00
	Ant2	5280	/	1.97	0.79	≤11.00
	Ant3	5280	/	1.50	0.19	≤11.00
	Ant4	5280	/	1.58	0.35	≤11.00
	total	5280	/	7.79	6.61	≤8.22
	Ant1	5320	/	1.86	0.14	≤11.00
	Ant2	5320	/	1.79	0.14	≤11.00
	Ant3	5320	/	1.75	-0.05	≤11.00
	Ant4	5320	/	1.34	-0.50	≤11.00
	total	5320	/	7.71	5.96	≤8.22
	Ant1	5500	/	2.40	1.51	≤11.00
	Ant2	5500	/	2.50	1.86	≤11.00
	Ant3	5500	/	1.26	0.77	≤11.00
	Ant4	5500	/	2.07	0.98	≤11.00
	total	5500	/	8.10	7.32	≤8.22
	Ant1	5580	/	2.00	1.26	≤11.00
	Ant2	5580	/	2.15	1.44	≤11.00
	Ant3	5580	/	1.32	0.59	≤11.00
	Ant4	5580	/	1.43	0.51	≤11.00

	total	5580	/	7.76	6.99	≤8.22
	Ant1	5700	/	1.25	0.56	≤11.00
	Ant2	5700	/	1.83	1.12	≤11.00
	Ant3	5700	/	1.25	0.24	≤11.00
	Ant4	5700	/	1.50	0.17	≤11.00
	total	5700	/	7.48	6.56	≤8.22
	Ant1	5720_UNII-2C	/	1.59	0.62	≤11.00
	Ant2	5720_UNII-2C	/	2.20	1.19	≤11.00
	Ant3	5720_UNII-2C	/	1.31	0.17	≤11.00
	Ant4	5720_UNII-2C	/	1.84	0.40	≤11.00
	total	5720_UNII-2C	/	7.77	6.63	≤8.22
	Ant1	5720_UNII-3	/	-1.38	-2.26	≤30.00
	Ant2	5720_UNII-3	/	-0.93	-1.81	≤30.00
	Ant3	5720_UNII-3	/	-1.72	-2.78	≤30.00
	Ant4	5720_UNII-3	/	-1.07	-2.62	≤30.00
	total	5720_UNII-3	/	4.76	3.67	≤27.22
	Ant1	5745	/	6.62	4.88	≤30.00
	Ant2	5745	/	6.90	5.30	≤30.00
	Ant3	5745	/	6.49	4.31	≤30.00
	Ant4	5745	/	6.41	4.76	≤30.00
	total	5745	/	12.63	10.85	≤27.22
	Ant1	5785	/	7.05	4.72	≤30.00
	Ant2	5785	/	7.65	5.21	≤30.00
	Ant3	5785	/	6.35	3.56	≤30.00
	Ant4	5785	/	7.01	4.31	≤30.00
	total	5785	/	13.06	10.51	≤27.22
	Ant1	5825	/	7.37	5.11	≤30.00
	Ant2	5825	/	7.65	5.18	≤30.00
	Ant3	5825	/	6.26	3.91	≤30.00
	Ant4	5825	/	6.62	4.34	≤30.00
	total	5825	/	13.03	10.69	≤27.22
11AC40	Ant1	5190	/	5.24	3.21	≤17.00
	Ant2	5190	/	5.28	3.64	≤17.00
	Ant3	5190	/	5.13	3.40	≤17.00
	Ant4	5190	/	5.39	3.44	≤17.00
	total	5190	/	11.28	9.45	≤14.22
	Ant1	5230	/	5.41	3.39	≤17.00
	Ant2	5230	/	5.69	3.45	≤17.00
	Ant3	5230	/	5.06	3.08	≤17.00
	Ant4	5230	/	5.51	3.53	≤17.00
	total	5230	/	11.44	9.39	≤14.22
	Ant1	5270	/	0.88	-1.81	≤11.00
	Ant2	5270	/	1.24	-1.69	≤11.00
	Ant3	5270	/	0.26	-2.22	≤11.00
	Ant4	5270	/	0.85	-1.89	≤11.00
	total	5270	/	6.84	4.12	≤8.22
	Ant1	5310	/	0.71	-2.09	≤11.00
	Ant2	5310	/	0.84	-2.13	≤11.00
	Ant3	5310	/	0.48	-2.46	≤11.00
	Ant4	5310	/	0.73	-2.98	≤11.00
	total	5310	/	6.71	3.62	≤8.22
	Ant1	5510	/	-0.06	-2.52	≤11.00
	Ant2	5510	/	0.62	-1.87	≤11.00
	Ant3	5510	/	-0.23	-2.99	≤11.00
	Ant4	5510	/	0.37	-2.64	≤11.00
	total	5510	/	6.21	3.53	≤8.22
	Ant1	5550	/	0.31	-2.15	≤11.00
	Ant2	5550	/	0.49	-1.72	≤11.00

	Ant3	5550	/	-0.22	-2.52	≤11.00
	Ant4	5550	/	0.31	-2.27	≤11.00
	total	5550	/	6.25	3.87	≤8.22
	Ant1	5670	/	-0.07	-3.31	≤11.00
	Ant2	5670	/	-0.14	-3.11	≤11.00
	Ant3	5670	/	0.11	-2.98	≤11.00
	Ant4	5670	/	-0.49	-3.83	≤11.00
	total	5670	/	5.88	2.72	≤8.22
	Ant1	5710_UNII-2C	/	0.04	-2.67	≤11.00
	Ant2	5710_UNII-2C	/	0.11	-2.52	≤11.00
	Ant3	5710_UNII-2C	/	-0.30	-2.82	≤11.00
	Ant4	5710_UNII-2C	/	-0.18	-3.26	≤11.00
	total	5710_UNII-2C	/	5.94	3.21	≤8.22
	Ant1	5710_UNII-3	/	-3.16	-6.07	≤30.00
	Ant2	5710_UNII-3	/	-2.91	-5.88	≤30.00
	Ant3	5710_UNII-3	/	-3.22	-5.69	≤30.00
	Ant4	5710_UNII-3	/	-3.12	-6.20	≤30.00
	total	5710_UNII-3	/	2.92	0.06	≤27.22
	Ant1	5755	/	3.63	1.72	≤30.00
	Ant2	5755	/	3.90	2.19	≤30.00
	Ant3	5755	/	3.58	1.32	≤30.00
	Ant4	5755	/	3.41	1.64	≤30.00
	total	5755	/	9.65	7.75	≤27.22
	Ant1	5795	/	4.11	2.05	≤30.00
	Ant2	5795	/	4.34	2.27	≤30.00
	Ant3	5795	/	3.21	1.25	≤30.00
	Ant4	5795	/	3.60	1.53	≤30.00
	total	5795	/	9.86	7.81	≤27.22
	Ant1	5210	/	1.98	0.76	≤17.00
	Ant2	5210	/	2.25	0.91	≤17.00
	Ant3	5210	/	2.15	0.58	≤17.00
	Ant4	5210	/	2.50	0.82	≤17.00
	total	5210	/	8.24	6.79	≤14.22
	Ant1	5290	/	-2.20	-5.20	≤11.00
	Ant2	5290	/	-2.10	-5.07	≤11.00
	Ant3	5290	/	-2.41	-5.45	≤11.00
	Ant4	5290	/	-2.16	-5.15	≤11.00
	total	5290	/	3.80	0.81	≤8.22
	Ant1	5530	/	-1.21	-2.51	≤11.00
	Ant2	5530	/	-0.89	-2.18	≤11.00
	Ant3	5530	/	-1.29	-2.70	≤11.00
	Ant4	5530	/	-1.08	-2.48	≤11.00
	total	5530	/	4.91	3.56	≤8.22
11AC80	Ant1	5610	/	-1.13	-2.29	≤11.00
	Ant2	5610	/	-0.75	-2.56	≤11.00
	Ant3	5610	/	-1.37	-2.87	≤11.00
	Ant4	5610	/	-1.28	-3.02	≤11.00
	total	5610	/	4.89	3.34	≤8.22
	Ant1	5690_UNII-2C	/	-1.44	-3.18	≤11.00
	Ant2	5690_UNII-2C	/	-1.13	-3.24	≤11.00
	Ant3	5690_UNII-2C	/	-1.65	-3.40	≤11.00
	Ant4	5690_UNII-2C	/	-1.30	-3.48	≤11.00
	total	5690_UNII-2C	/	4.64	2.70	≤8.22
	Ant1	5690_UNII-3	/	-5.66	-7.40	≤30.00
	Ant2	5690_UNII-3	/	-4.90	-7.07	≤30.00
	Ant3	5690_UNII-3	/	-4.80	-6.56	≤30.00
	Ant4	5690_UNII-3	/	-4.71	-6.97	≤30.00
	total	5690_UNII-3	/	1.02	-0.97	≤27.22

	Ant1	5775	/	1.03	-1.68	≤30.00
	Ant2	5775	/	1.97	-1.26	≤30.00
	Ant3	5775	/	1.12	-2.05	≤30.00
	Ant4	5775	/	0.93	-1.81	≤30.00
	total	5775	/	7.30	4.33	≤27.22
11AC160	Ant1	5250_UNII-1	/	-5.49	-7.45	≤11.00
	Ant2	5250_UNII-1	/	-5.23	-7.46	≤11.00
	Ant3	5250_UNII-1	/	-4.82	-7.03	≤11.00
	Ant4	5250_UNII-1	/	-5.21	-7.45	≤11.00
	total	5250_UNII-1	/	0.84	-1.32	≤8.22
	Ant1	5250_UNII-2A	/	-5.06	-7.18	≤11.00
	Ant2	5250_UNII-2A	/	-5.02	-7.08	≤8.22
	Ant3	5250_UNII-2A	/	-5.56	-7.65	≤8.22
	Ant4	5250_UNII-2A	/	-4.81	-7.29	≤8.22
	total	5250_UNII-2A	/	0.92	-1.27	≤8.22
11AX20	Ant1	5570	/	-4.01	-6.90	≤11.00
	Ant2	5570	/	-3.59	-6.96	≤11.00
	Ant3	5570	/	-4.50	-7.40	≤11.00
	Ant4	5570	/	-4.21	-7.14	≤11.00
	total	5570	/	1.96	-1.08	≤8.22
	Ant1	5180	/	7.72	5.93	≤17.00
	Ant2	5180	/	7.79	6.21	≤17.00
	Ant3	5180	/	7.67	5.68	≤17.00
	Ant4	5180	/	7.88	5.96	≤17.00
	total	5180	/	13.79	11.97	≤14.22
11AX20	Ant1	5200	/	7.95	6.19	≤17.00
	Ant2	5200	/	8.19	6.52	≤17.00
	Ant3	5200	/	7.66	6.14	≤17.00
	Ant4	5200	/	8.06	6.17	≤17.00
	total	5200	/	13.99	12.28	≤14.22
	Ant1	5240	/	8.05	6.12	≤17.00
	Ant2	5240	/	8.20	6.14	≤17.00
	Ant3	5240	/	7.75	5.74	≤17.00
	Ant4	5240	/	8.03	6.07	≤17.00
	total	5240	/	14.03	12.04	≤14.22
11AX20	Ant1	5260	/	2.05	1.45	≤11.00
	Ant2	5260	/	1.86	1.27	≤11.00
	Ant3	5260	/	1.23	0.63	≤11.00
	Ant4	5260	/	1.84	1.00	≤11.00
	total	5260	/	7.78	7.12	≤8.22
	Ant1	5280	/	1.84	1.54	≤11.00
	Ant2	5280	/	1.78	1.06	≤11.00
	Ant3	5280	/	1.27	0.86	≤11.00
	Ant4	5280	/	1.60	0.82	≤11.00
	total	5280	/	7.65	7.10	≤8.22
11AX20	Ant1	5320	/	1.48	1.06	≤11.00
	Ant2	5320	/	1.48	0.72	≤11.00
	Ant3	5320	/	1.42	0.79	≤11.00
	Ant4	5320	/	1.04	0.25	≤11.00
	total	5320	/	7.38	6.74	≤8.22
	Ant1	5500	/	2.21	0.74	≤11.00
	Ant2	5500	/	2.44	1.14	≤11.00
	Ant3	5500	/	1.35	0.03	≤11.00
	Ant4	5500	/	1.93	0.22	≤11.00
	total	5500	/	8.02	6.58	≤8.22
11AX20	Ant1	5580	/	2.16	0.91	≤11.00
	Ant2	5580	/	2.41	0.98	≤11.00
	Ant3	5580	/	1.90	0.29	≤11.00

	Ant4	5580	/	1.77	-0.10	≤11.00	
	total	5580	/	8.09	6.56	≤8.22	
	Ant1	5700	/	1.74	0.02	≤11.00	
	Ant2	5700	/	2.25	0.71	≤11.00	
	Ant3	5700	/	1.61	-0.05	≤11.00	
	Ant4	5700	/	1.77	-0.30	≤11.00	
	total	5700	/	7.87	6.13	≤8.22	
	Ant1	5720_UNII-2C	/	1.76	0.25	≤11.00	
	Ant2	5720_UNII-2C	/	2.27	0.83	≤11.00	
	Ant3	5720_UNII-2C	/	1.33	-0.15	≤11.00	
	Ant4	5720_UNII-2C	/	1.88	-0.05	≤11.00	
	total	5720_UNII-2C	/	7.84	6.26	≤8.22	
	Ant1	5720_UNII-3	/	-1.29	-2.96	≤30.00	
	Ant2	5720_UNII-3	/	-0.86	-2.25	≤30.00	
	Ant3	5720_UNII-3	/	-1.43	-3.17	≤30.00	
	Ant4	5720_UNII-3	/	-1.17	-2.97	≤30.00	
	total	5720_UNII-3	/	4.84	3.20	≤27.22	
	Ant1	5745	/	6.42	4.26	≤30.00	
	Ant2	5745	/	7.08	4.20	≤30.00	
	Ant3	5745	/	6.66	3.31	≤30.00	
	Ant4	5745	/	6.52	3.80	≤30.00	
	total	5745	/	12.70	9.93	≤27.22	
	Ant1	5785	/	7.03	4.56	≤30.00	
	Ant2	5785	/	7.51	5.29	≤30.00	
	Ant3	5785	/	6.16	3.50	≤30.00	
	Ant4	5785	/	6.84	4.38	≤30.00	
	total	5785	/	12.93	10.50	≤27.22	
	Ant1	5825	/	7.39	4.96	≤30.00	
	Ant2	5825	/	7.59	5.02	≤30.00	
	Ant3	5825	/	6.29	3.75	≤30.00	
	Ant4	5825	/	6.97	4.33	≤30.00	
	total	5825	/	13.11	10.57	≤27.22	
11AX40	Ant1	5190	/	3.87	2.70	≤17.00	
	Ant2	5190	/	4.22	2.80	≤17.00	
	Ant3	5190	/	3.88	2.50	≤17.00	
	Ant4	5190	/	4.35	2.82	≤17.00	
	total	5190	/	10.11	8.73	≤14.22	
	Ant1	5230	/	3.47	2.82	≤17.00	
	Ant2	5230	/	3.62	3.07	≤17.00	
	Ant3	5230	/	3.25	2.59	≤17.00	
	Ant4	5230	/	3.82	2.87	≤17.00	
	total	5230	/	9.57	8.86	≤14.22	
	Ant1	5270	/	0.20	-3.08	≤11.00	
	Ant2	5270	/	0.39	-3.01	≤11.00	
	Ant3	5270	/	-0.15	-3.66	≤11.00	
	Ant4	5270	/	0.16	-3.39	≤11.00	
	total	5270	/	6.17	2.74	≤8.22	
	Ant1	5310	/	0.25	-3.31	≤11.00	
	Ant2	5310	/	0.36	-3.35	≤11.00	
	Ant3	5310	/	-0.08	-3.86	≤11.00	
	Ant4	5310	/	-0.14	-3.90	≤11.00	
	total	5310	/	6.12	2.42	≤8.22	
	Ant1	5510	/	-0.07	-2.63	≤11.00	
	Ant2	5510	/	0.53	-1.99	≤11.00	
	Ant3	5510	/	-0.46	-3.06	≤11.00	
	Ant4	5510	/	0.14	-2.43	≤11.00	
	total	5510	/	6.07	3.51	≤8.22	
		Ant1	5550	/	0.10	-2.25	≤11.00



	Ant2	5550	/	0.56	-1.80	≤11.00
	Ant3	5550	/	-0.21	-2.66	≤11.00
	Ant4	5550	/	0.02	-2.34	≤11.00
	total	5550	/	6.15	3.77	≤8.22
	Ant1	5670	/	-0.15	-3.00	≤11.00
	Ant2	5670	/	-0.14	-3.14	≤11.00
	Ant3	5670	/	-0.21	-2.81	≤11.00
	Ant4	5670	/	-0.60	-3.90	≤11.00
	total	5670	/	5.75	2.83	≤8.22
	Ant1	5710_UNII-2C	/	0.07	-2.88	≤11.00
	Ant2	5710_UNII-2C	/	-0.09	-2.74	≤11.00
	Ant3	5710_UNII-2C	/	-0.42	-3.06	≤11.00
	Ant4	5710_UNII-2C	/	-0.58	-3.61	≤11.00
	total	5710_UNII-2C	/	5.77	2.96	≤8.22
	Ant1	5710_UNII-3	/	-3.49	-6.30	≤30.00
	Ant2	5710_UNII-3	/	-3.40	-6.23	≤30.00
	Ant3	5710_UNII-3	/	-3.74	-6.59	≤30.00
	Ant4	5710_UNII-3	/	-3.98	-6.89	≤30.00
	total	5710_UNII-3	/	2.37	-0.47	≤27.22
	Ant1	5755	/	3.70	1.08	≤30.00
	Ant2	5755	/	4.19	1.67	≤30.00
	Ant3	5755	/	3.44	0.61	≤30.00
	Ant4	5755	/	3.30	1.08	≤30.00
	total	5755	/	9.69	7.15	≤27.22
	Ant1	5795	/	4.01	1.51	≤30.00
	Ant2	5795	/	4.46	2.12	≤30.00
	Ant3	5795	/	3.40	0.41	≤30.00
	Ant4	5795	/	3.64	1.15	≤30.00
	total	5795	/	9.92	7.36	≤27.22
11AX80	Ant1	5210	/	0.17	0.62	≤17.00
	Ant2	5210	/	0.31	1.01	≤17.00
	Ant3	5210	/	0.17	0.53	≤17.00
	Ant4	5210	/	0.50	0.87	≤17.00
	total	5210	/	6.31	6.78	≤14.22
	Ant1	5290	/	-2.50	-4.72	≤11.00
	Ant2	5290	/	-2.25	-4.73	≤11.00
	Ant3	5290	/	-2.67	-5.09	≤11.00
	Ant4	5290	/	-2.38	-4.69	≤11.00
	total	5290	/	3.57	1.22	≤8.22
	Ant1	5530	/	-1.45	-3.18	≤11.00
	Ant2	5530	/	-1.18	-2.57	≤11.00
	Ant3	5530	/	-1.44	-3.15	≤11.00
	Ant4	5530	/	-1.29	-2.98	≤11.00
	total	5530	/	4.68	3.06	≤8.22
	Ant1	5610	/	-1.15	-2.46	≤11.00
	Ant2	5610	/	-1.08	-2.35	≤11.00
	Ant3	5610	/	-1.49	-3.02	≤11.00
	Ant4	5610	/	-1.47	-2.86	≤11.00
	total	5610	/	4.73	3.36	≤8.22
	Ant1	5690_UNII-2C	/	-1.37	-2.25	≤11.00
	Ant2	5690_UNII-2C	/	-1.26	-1.95	≤11.00
	Ant3	5690_UNII-2C	/	-1.50	-2.33	≤11.00
	Ant4	5690_UNII-2C	/	-1.16	-2.45	≤11.00
	total	5690_UNII-2C	/	4.70	3.78	≤8.22
	Ant1	5690_UNII-3	/	-5.61	-6.51	≤30.00
	Ant2	5690_UNII-3	/	-5.16	-5.88	≤30.00
	Ant3	5690_UNII-3	/	-5.23	-5.73	≤30.00
Ant4	5690_UNII-3	/	-5.08	-6.40	≤30.00	

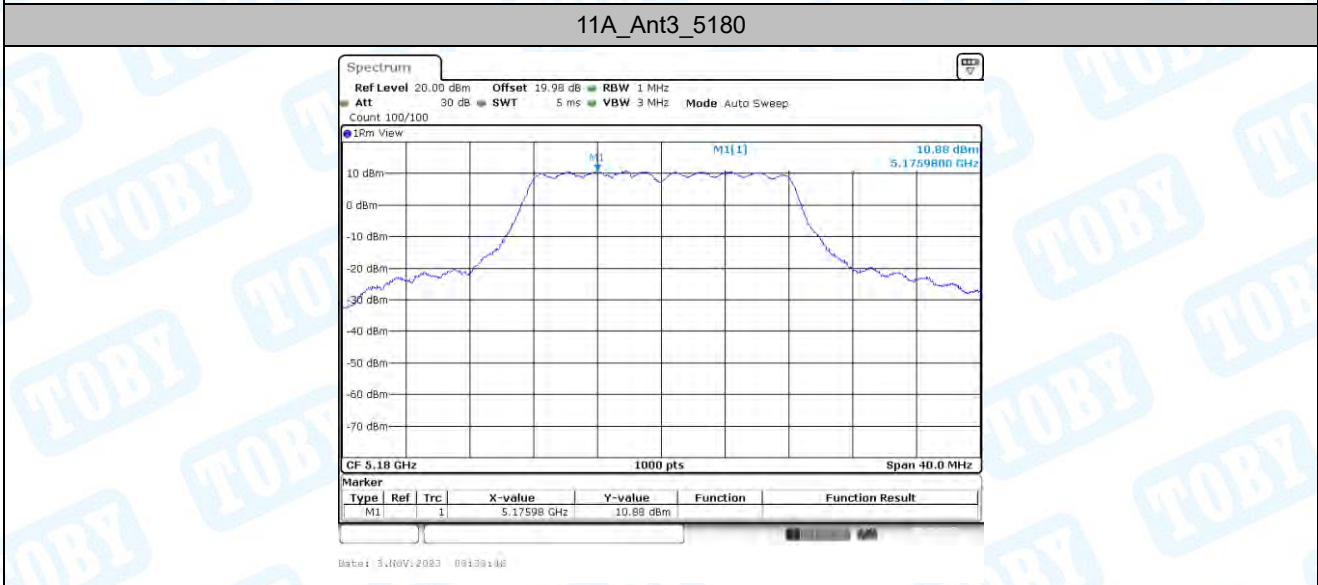
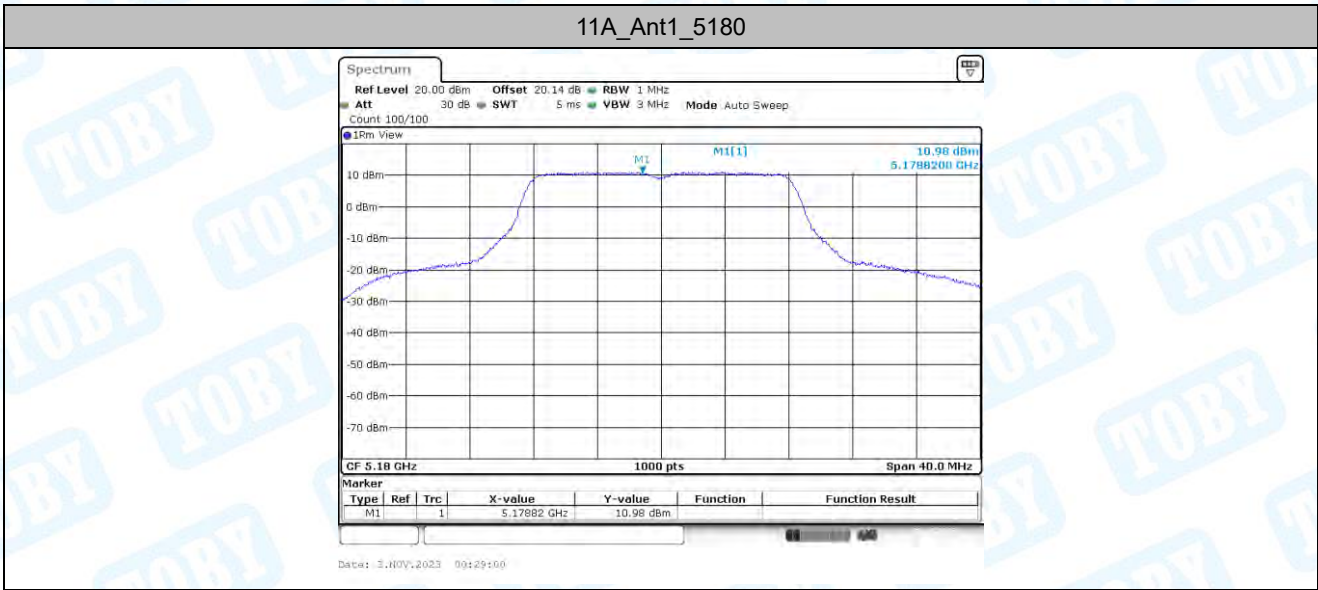
	total	5690_UNII-3	/	0.76	-0.10	≤27.22
	Ant1	5775	/	0.64	-1.74	≤30.00
	Ant2	5775	/	0.87	-1.55	≤30.00
	Ant3	5775	/	0.09	-2.25	≤30.00
	Ant4	5775	/	0.81	-1.99	≤30.00
	total	5775	/	6.63	4.15	≤27.22
11AX160	Ant1	5250_UNII-1	/	-5.57	-7.32	≤11.00
	Ant2	5250_UNII-1	/	-5.12	-7.12	≤11.00
	Ant3	5250_UNII-1	/	-4.97	-6.68	≤11.00
	Ant4	5250_UNII-1	/	-5.02	-7.03	≤11.00
	total	5250_UNII-1	/	0.86	-1.01	≤8.22
	Ant1	5250_UNII-2A	/	-5.03	-6.80	≤11.00
	Ant2	5250_UNII-2A	/	-4.99	-6.93	≤11.00
	Ant3	5250_UNII-2A	/	-5.60	-7.45	≤11.00
	Ant4	5250_UNII-2A	/	-4.86	-6.86	≤11.00
	total	5250_UNII-2A	/	0.91	-0.98	≤8.22
	Ant1	5570	/	-4.03	-7.19	≤11.00
	Ant2	5570	/	-3.66	-6.91	≤11.00
	Ant3	5570	/	-4.43	-7.29	≤11.00
	Ant4	5570	/	-3.92	-7.24	≤11.00
	total	5570	/	2.02	-1.13	≤8.22

**Remark:**

Band	Antenna Gain(dBi)				Directional gain
	Ant.1(Horizontal)	Ant.2(Horizontal)	Ant.3(Horizontal)	Ant.4(Vertical)	
5G	5.45	5.89	5.65	4.59	<b>8.78</b>
According to the manufacture, the FiberGateway utilizes cross-polarized antennas. The ant.1 horizontal, (ant.2 and ant.3) horizontal orthogonal, ant.4 vertical, the antenna 2 and antenna3 are in the same polarization, they are orthogonal to the other two antennas (antenna 1 and antenna 4). Per FCC KDB "662911 D01 Multiple Transmitter Output v02r01", The highest of the total gain shall apply.					
The highest of the total gain=(ANT2+ANT3=8.78dBi)					
Directional gain = 10 log <sub>10</sub> [(10 <sup>G1/20</sup> + 10 <sup>G2/20</sup> ) <sup>2</sup> / 2]					
For PSD: Beamforming and CDD Mode the Directional gain=8.78dBi					

Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

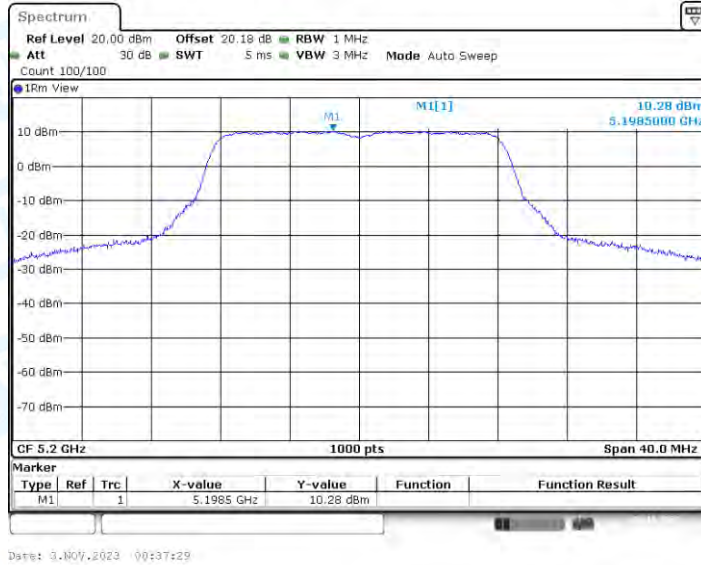
## 4.2. Test Graphs



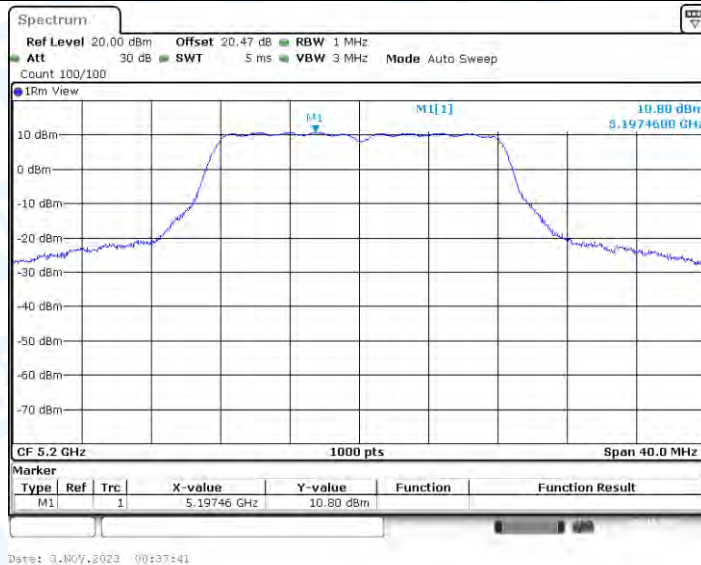
11A\_Ant4\_5180



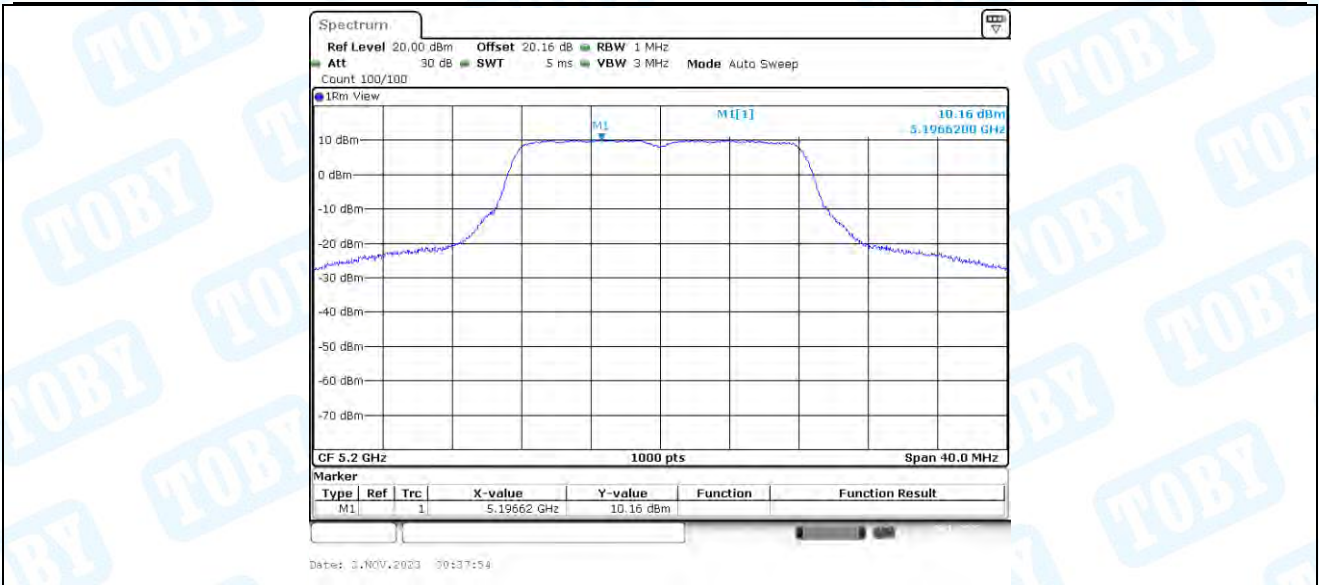
11A\_Ant1\_5200



11A\_Ant2\_5200



11A\_Ant3\_5200



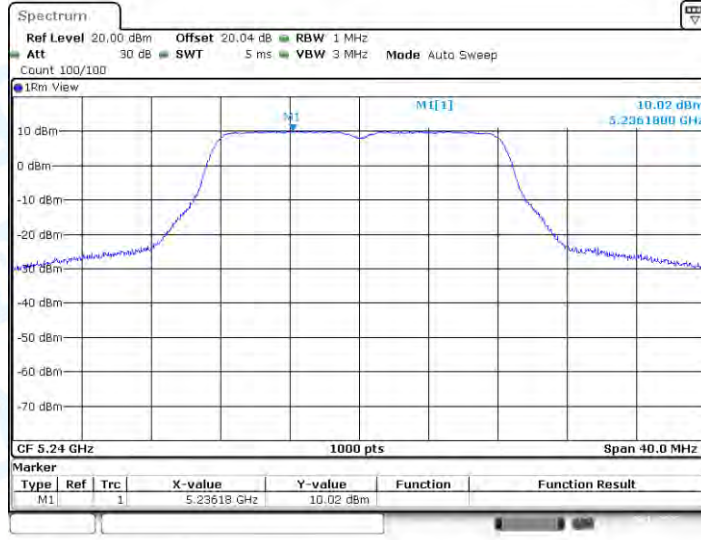
11A\_Ant4\_5200



11A\_Ant1\_5240

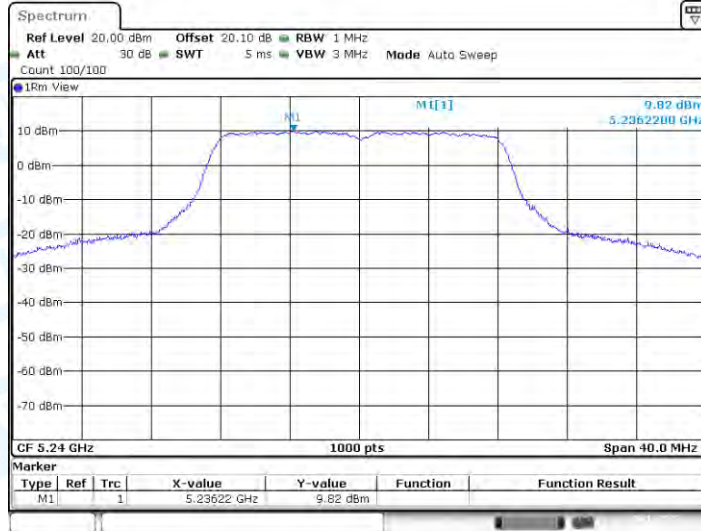


11A\_Ant2\_5240



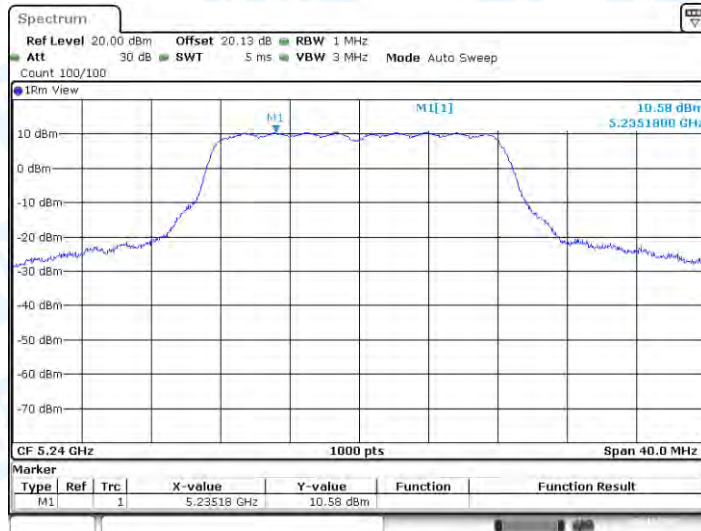
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11A\_Ant3\_5240



Date: 3.NOV.2023 00:47:19

11A\_Ant4\_5240



Date: 3.NOV.2023 00:47:32

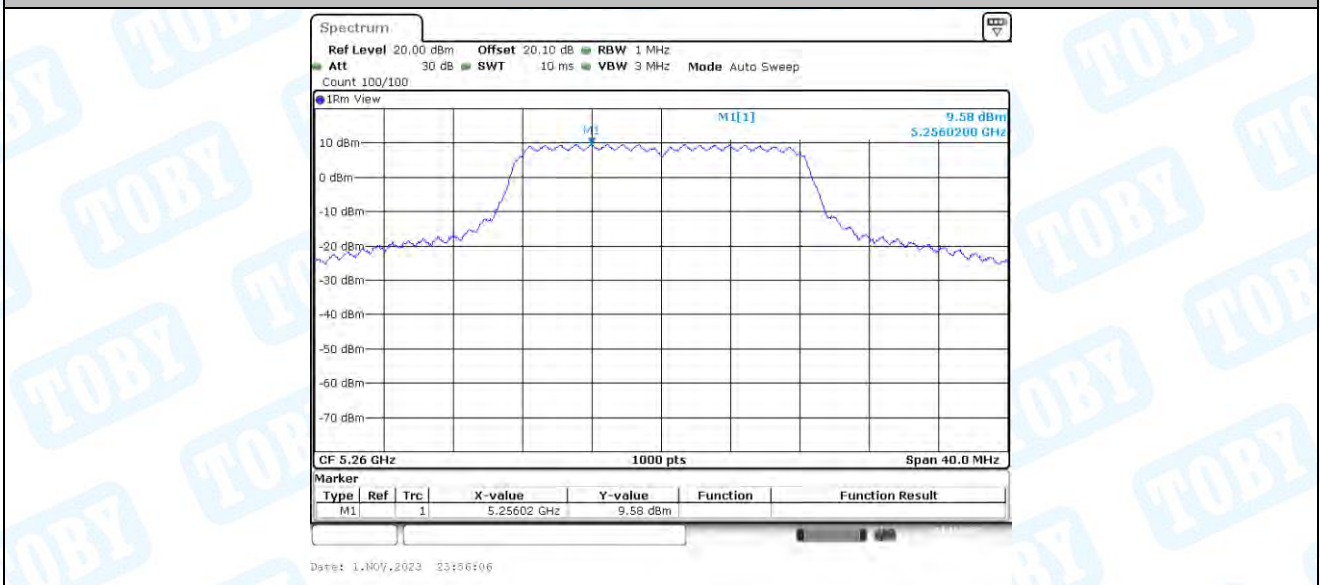
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11A\_Ant2\_5260



11A\_Ant3\_5260



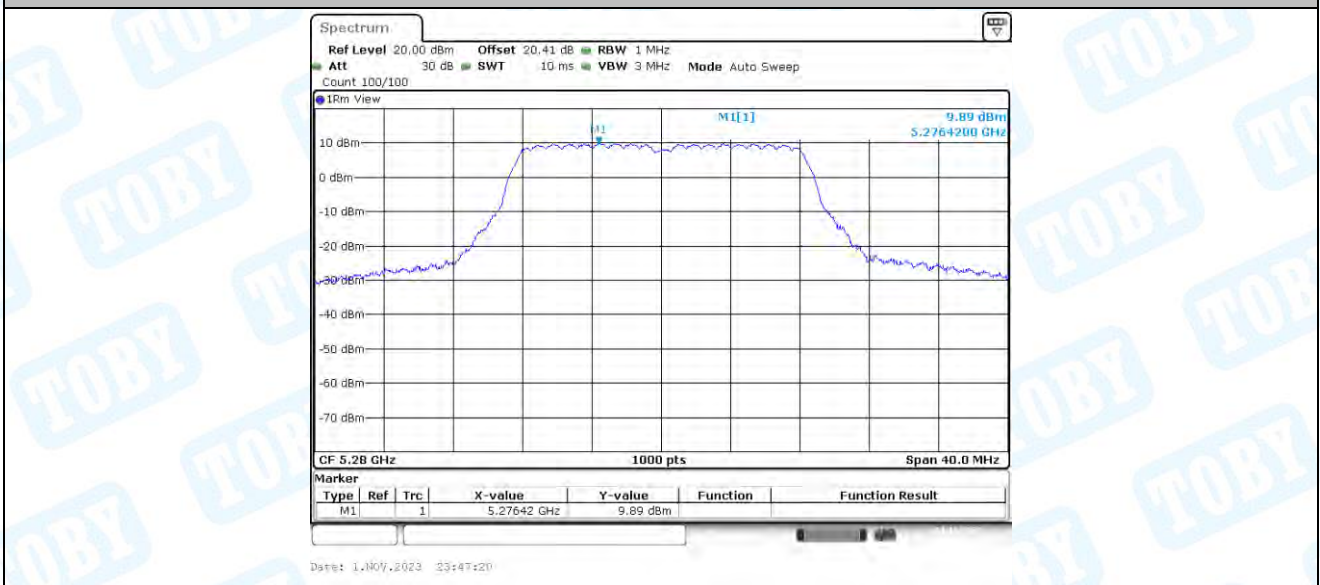
11A\_Ant4\_5260



11A\_Ant1\_5280



11A\_Ant2\_5280



11A\_Ant3\_5280

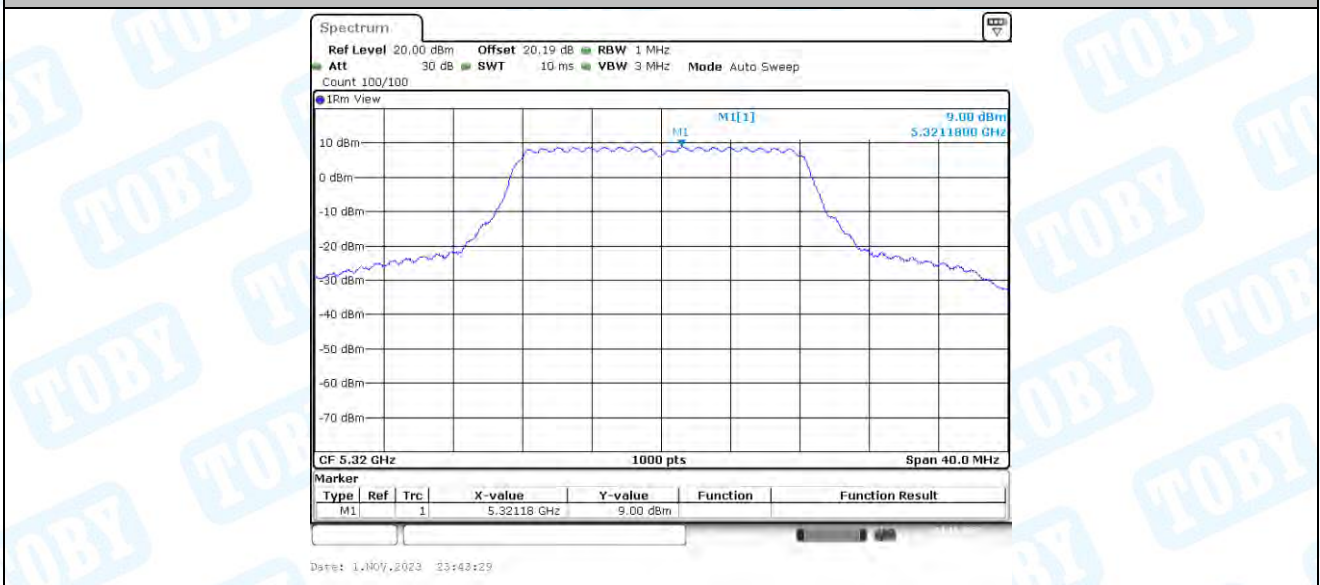




11A\_Ant4\_5280



11A\_Ant1\_5320



11A\_Ant2\_5320



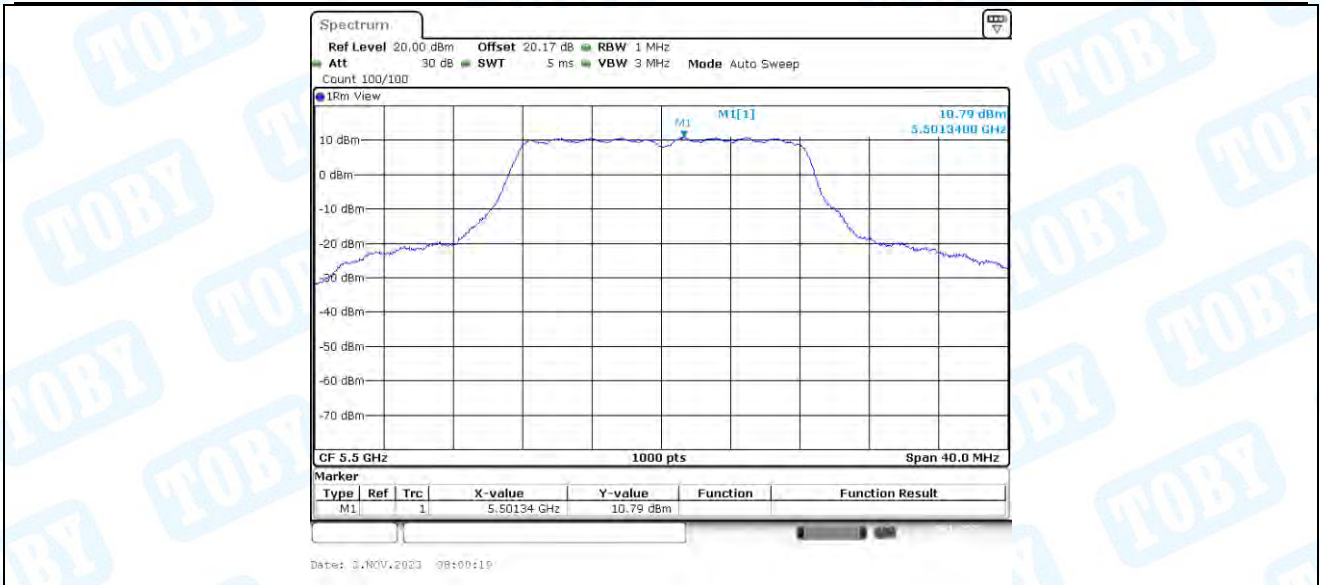
11A\_Ant3\_5320



11A\_Ant4\_5320



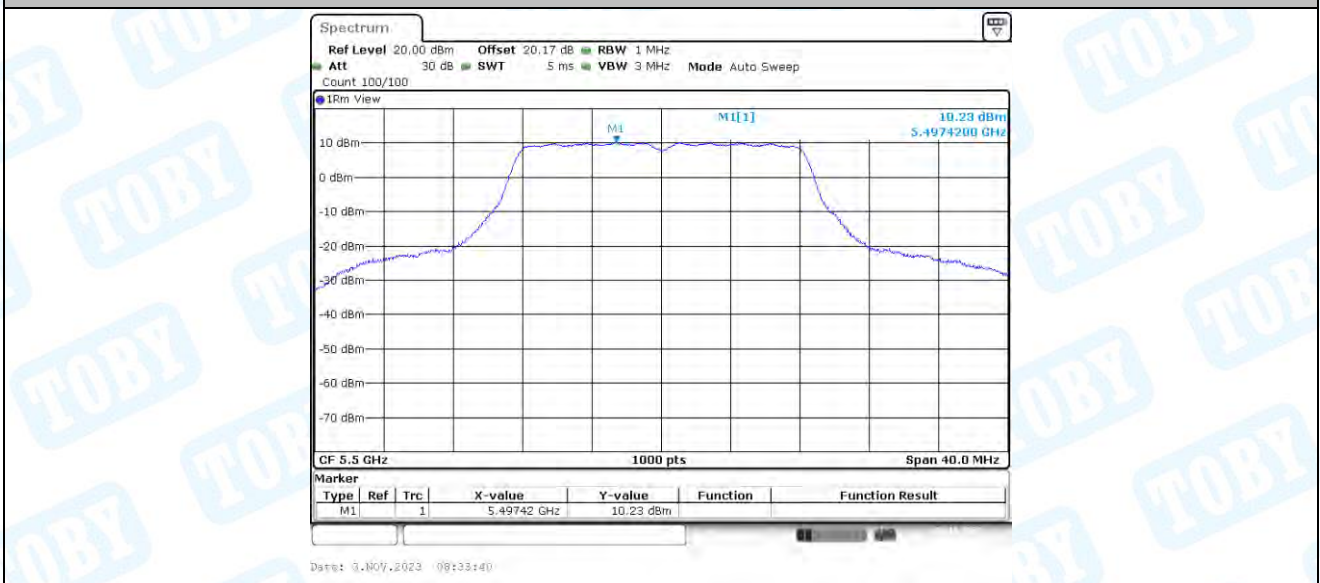
11A\_Ant1\_5500



11A\_Ant2\_5500



11A\_Ant3\_5500



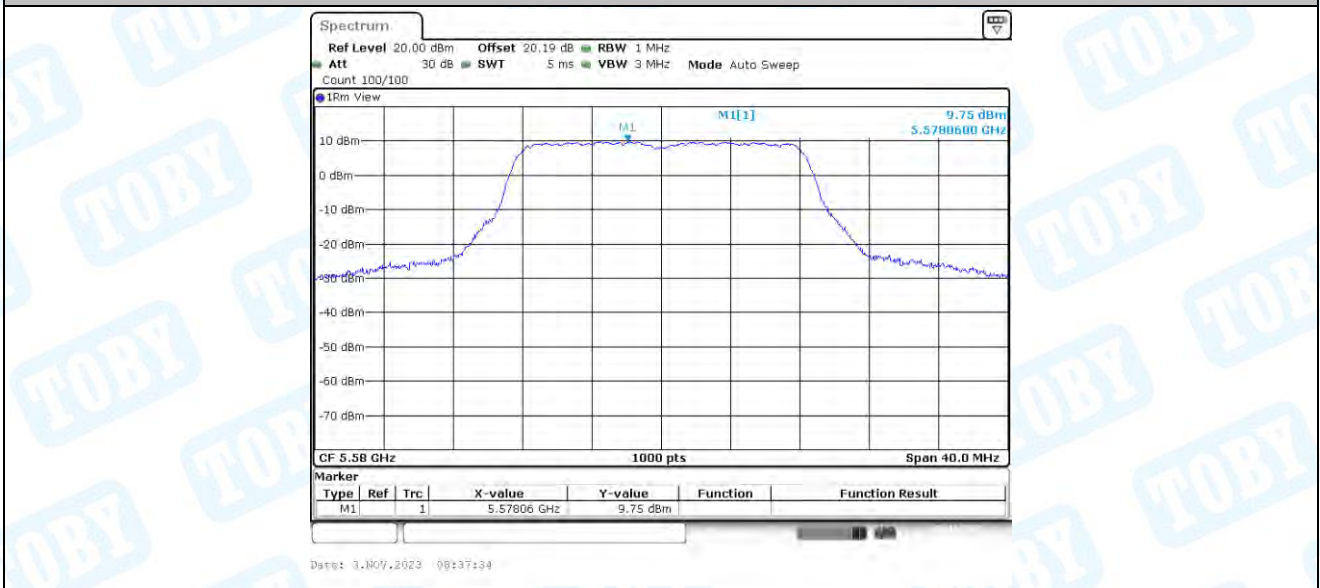
11A\_Ant4\_5500



11A\_Ant1\_5580



11A\_Ant2\_5580



11A\_Ant3\_5580



11A\_Ant4\_5580



11A\_Ant1\_5700



11A\_Ant2\_5700



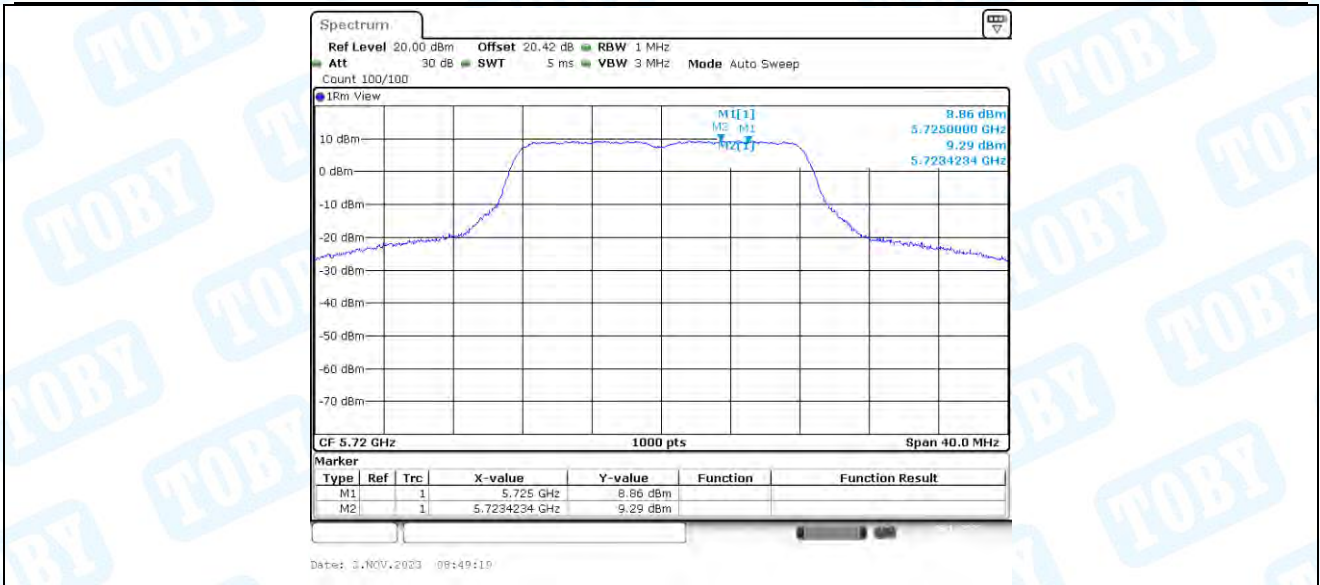
11A\_Ant3\_5700



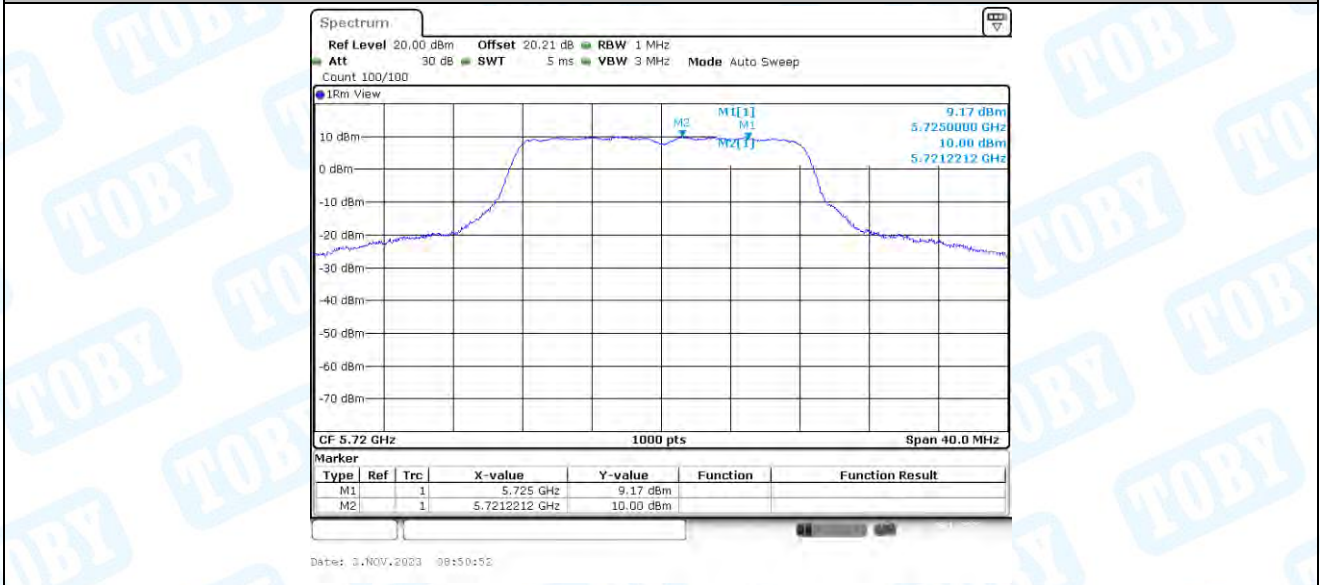
11A\_Ant4\_5700



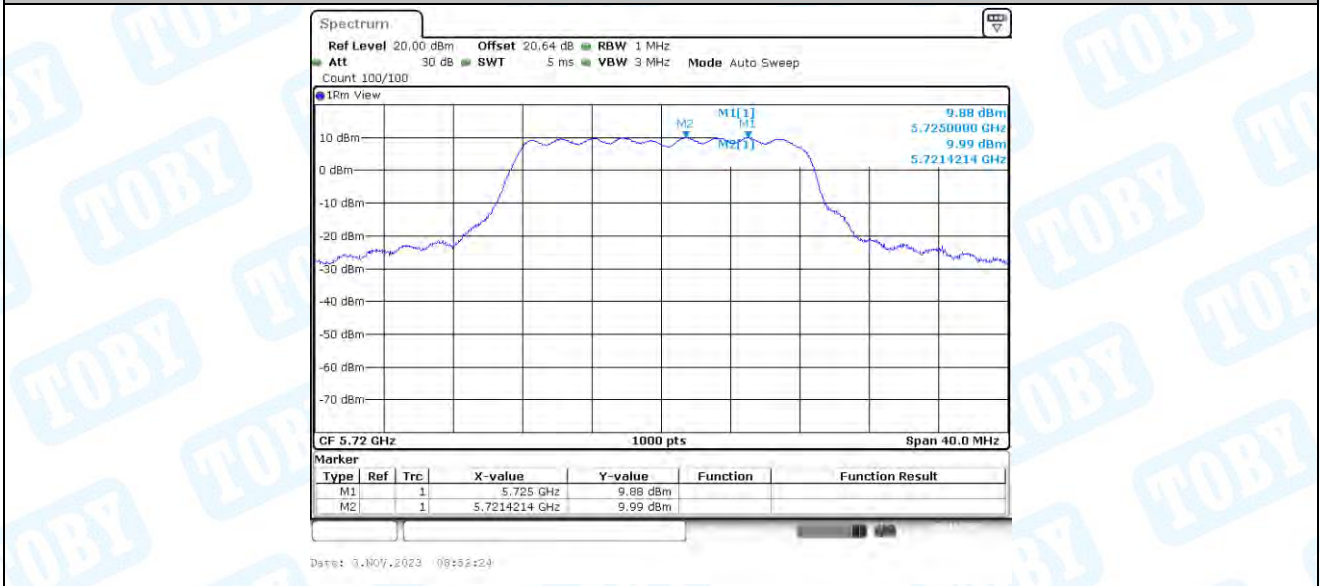
11A\_Ant1\_5720\_UNII-2C



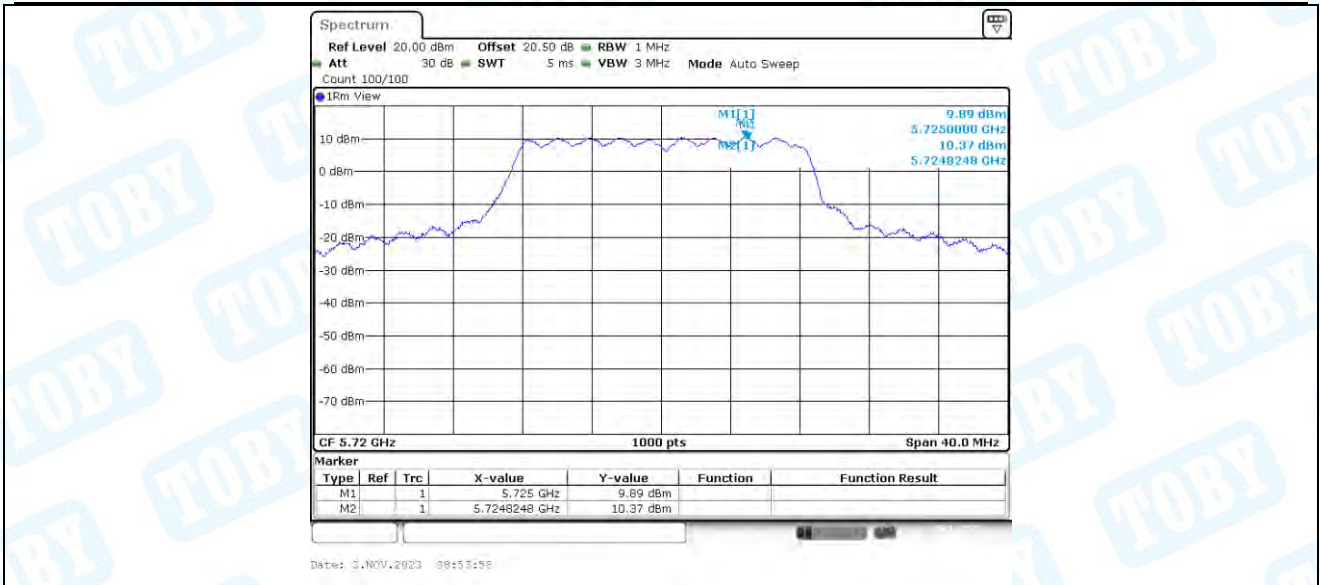
11A\_Ant2\_5720\_UNII-2C



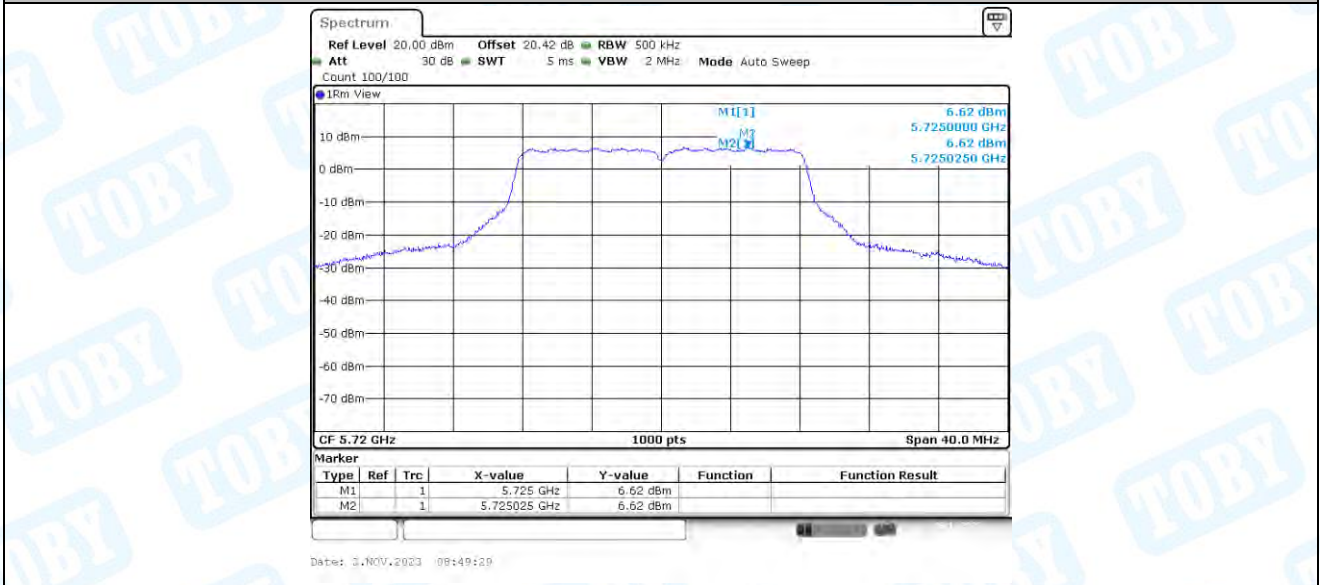
11A\_Ant3\_5720\_UNII-2C



11A\_Ant4\_5720\_UNII-2C



11A\_Ant1\_5720\_UNII-3

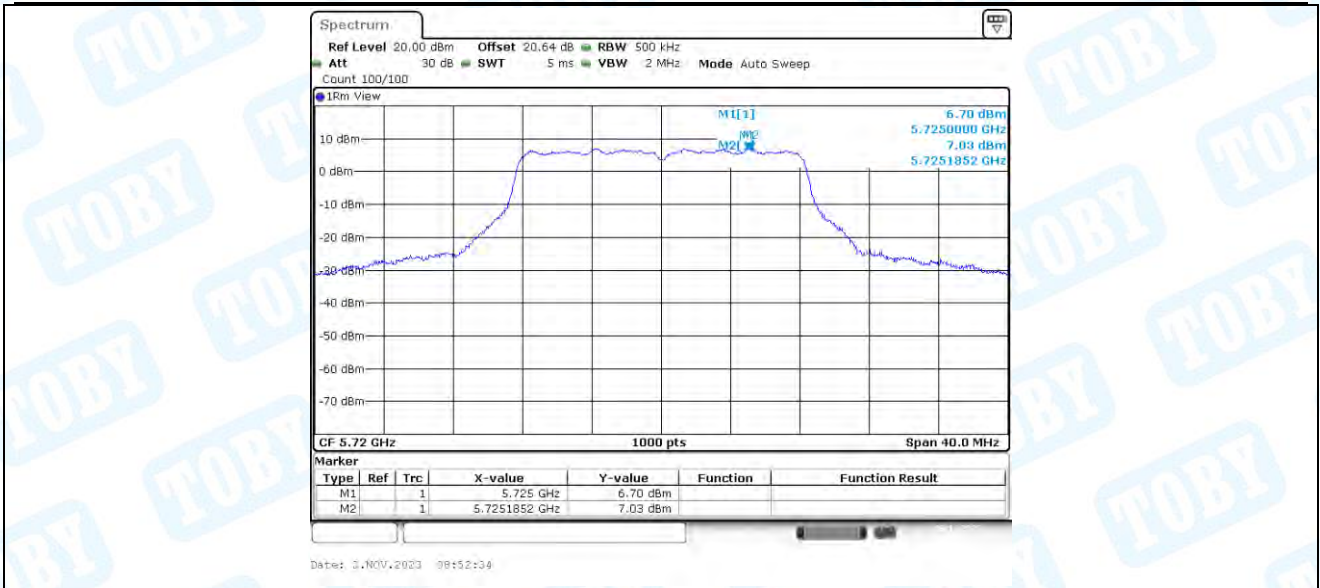


11A\_Ant2\_5720\_UNII-3

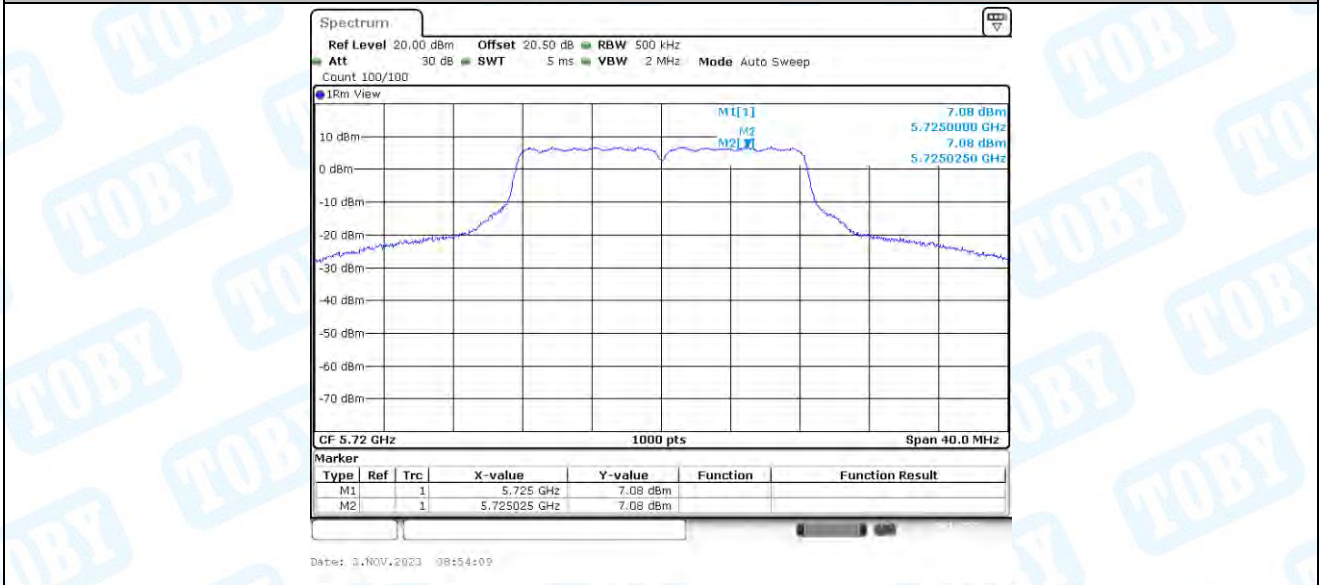


11A\_Ant3\_5720\_UNII-3

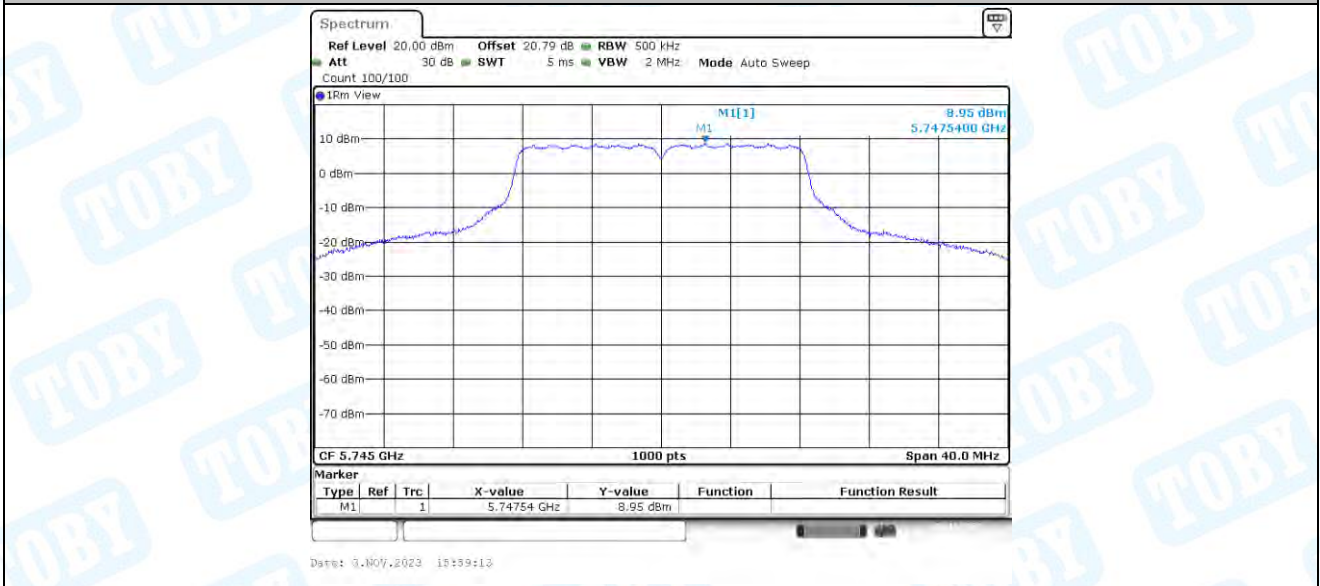




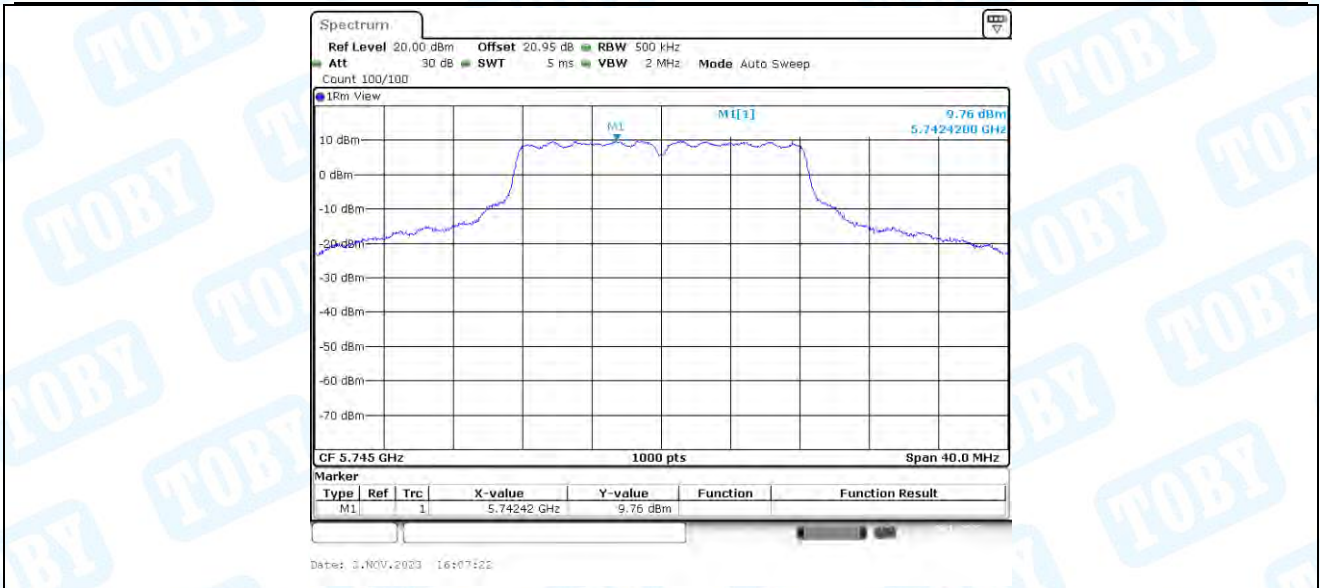
11A\_Ant4\_5720\_UNII-3



11A\_Ant1\_5745



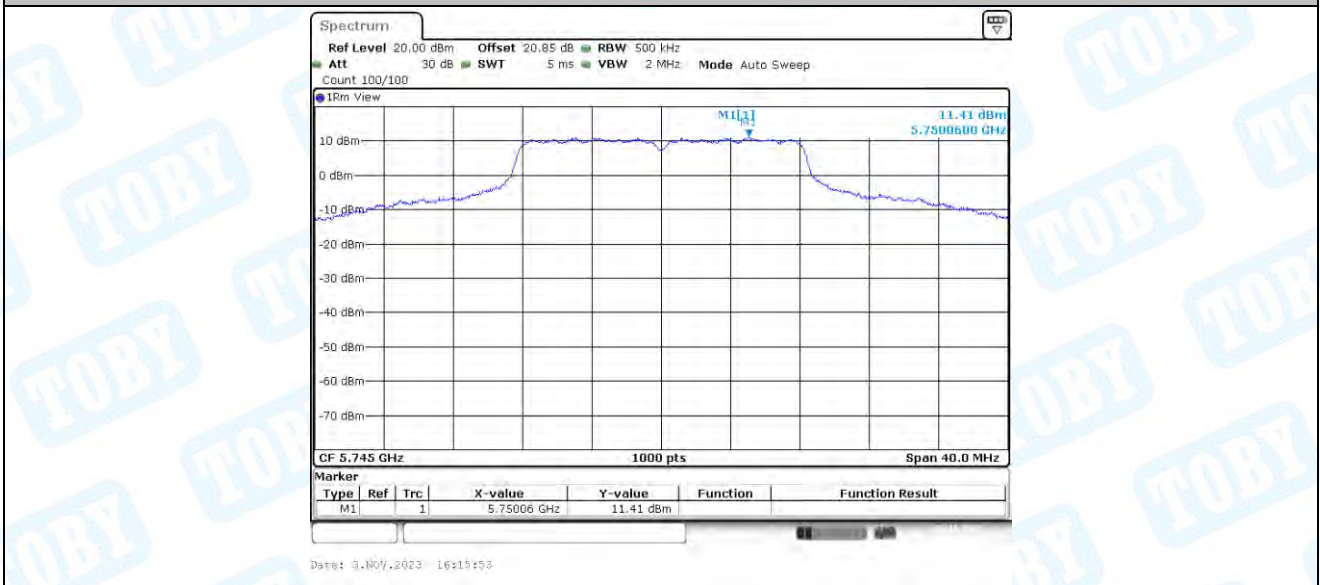
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11A\_Ant3\_5745



11A\_Ant4\_5745



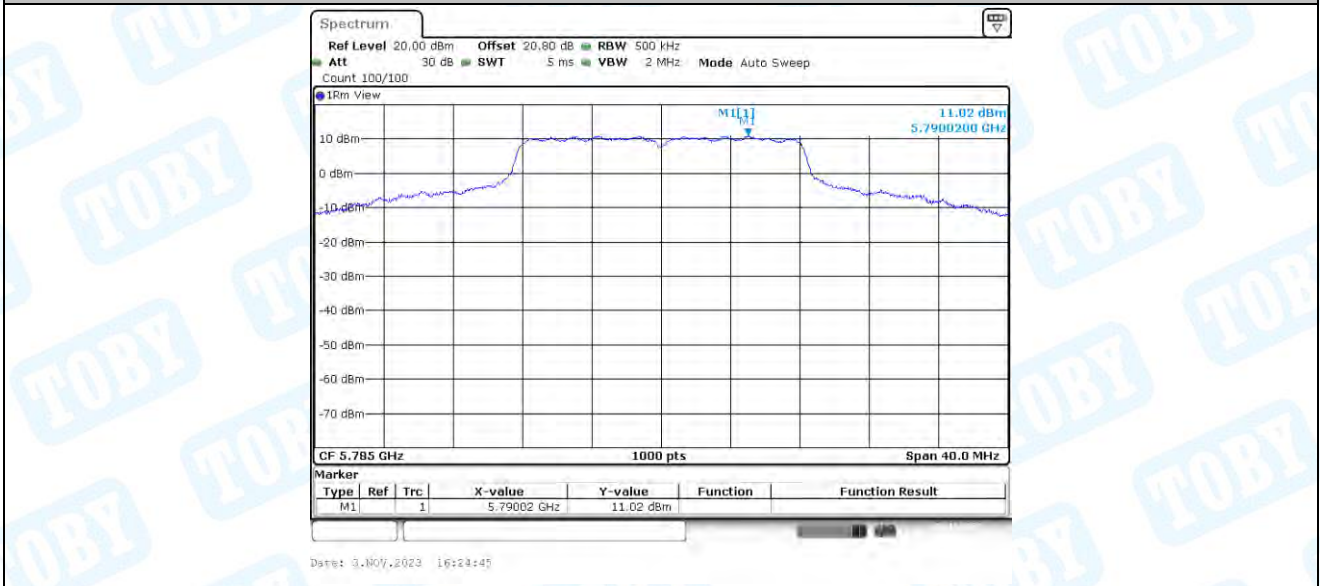
11A\_Ant1\_5785



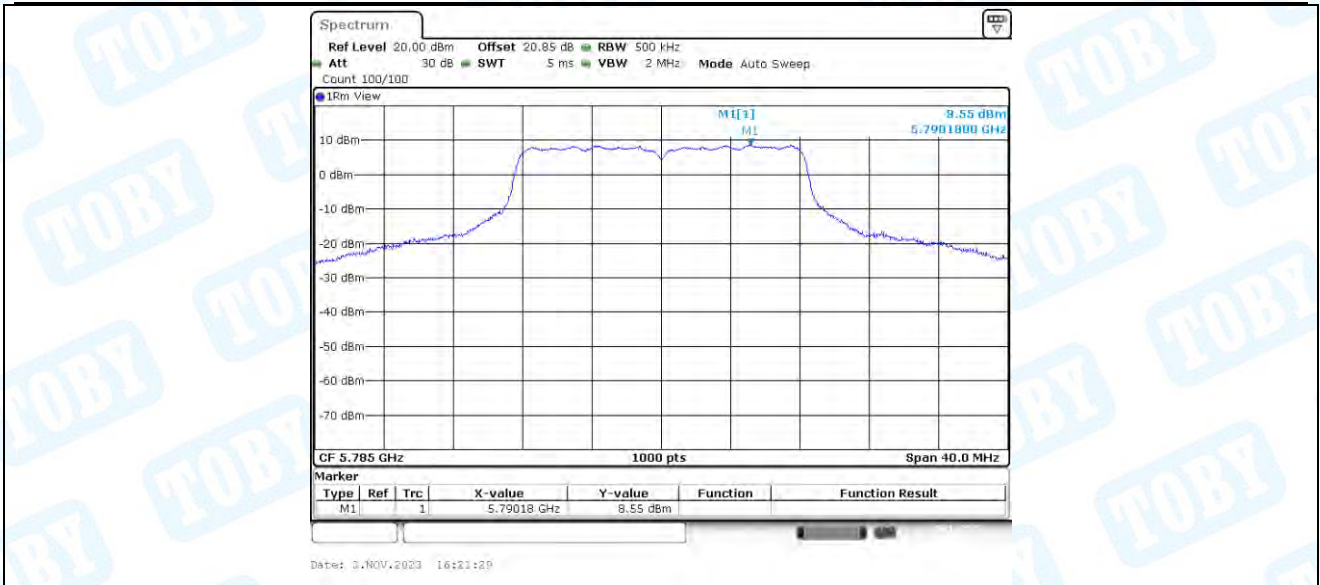
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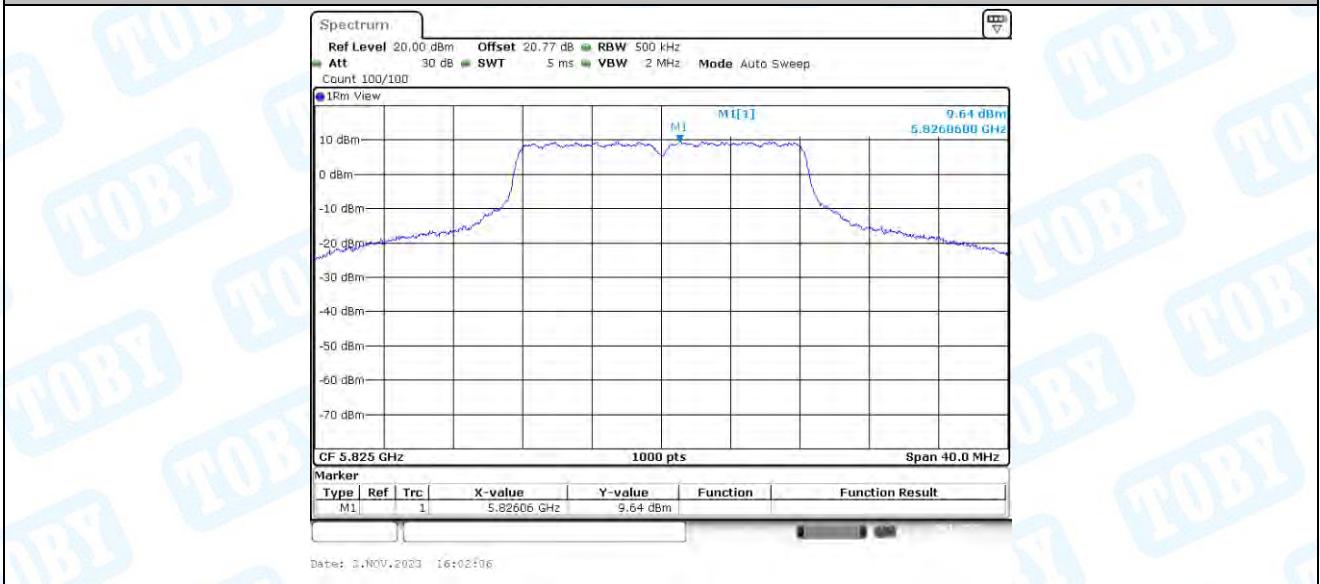
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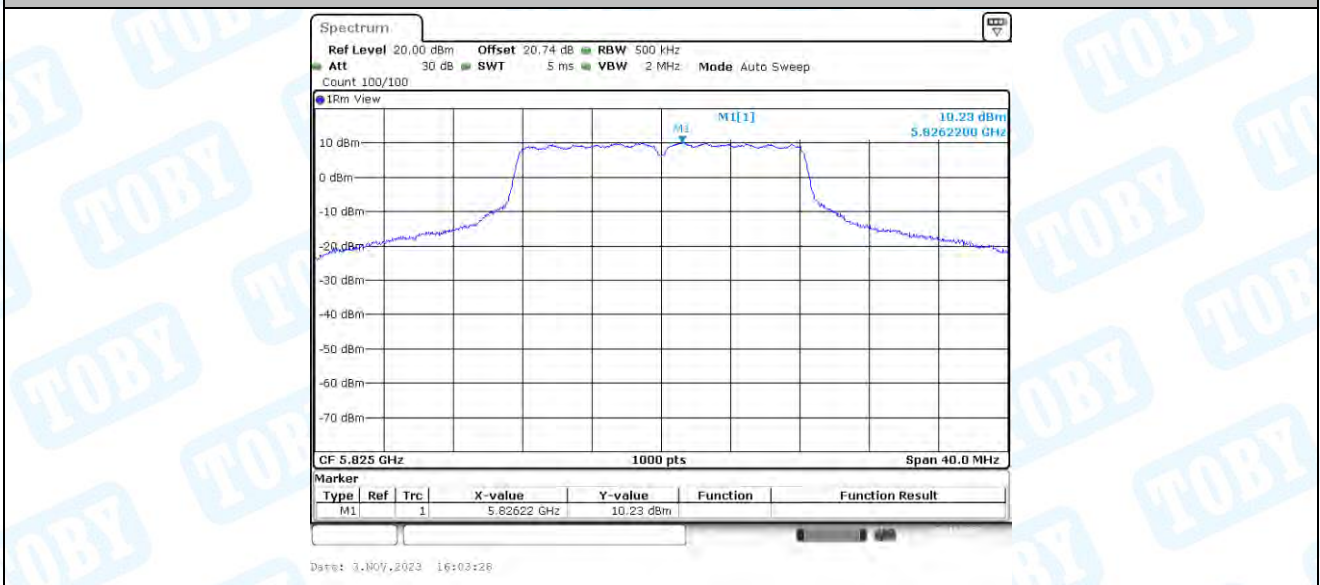
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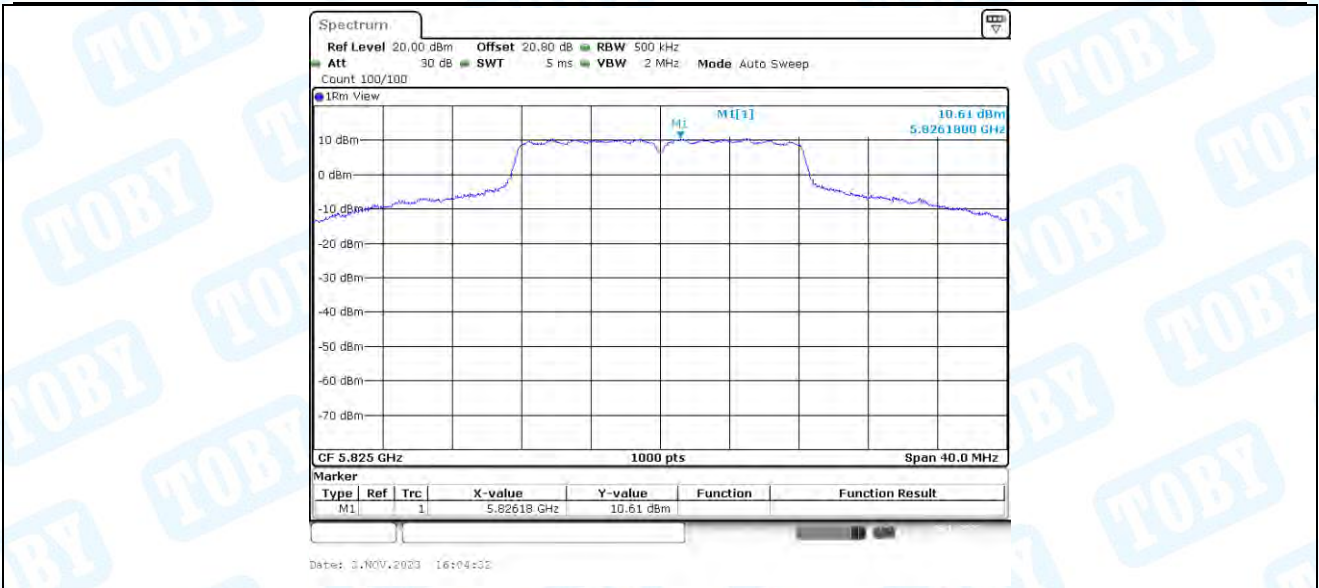
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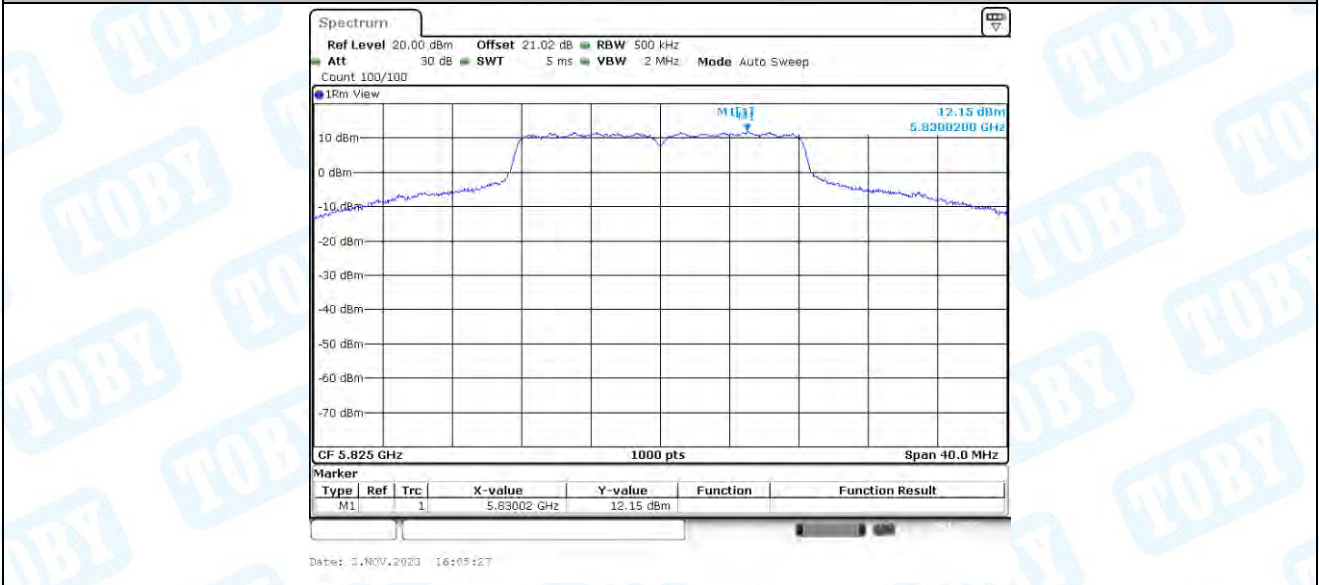
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11A\_Ant3\_5825



11A-Ant4\_5825



11A-CDD\_Ant1\_5180



11A-CDD\_Ant2\_5180



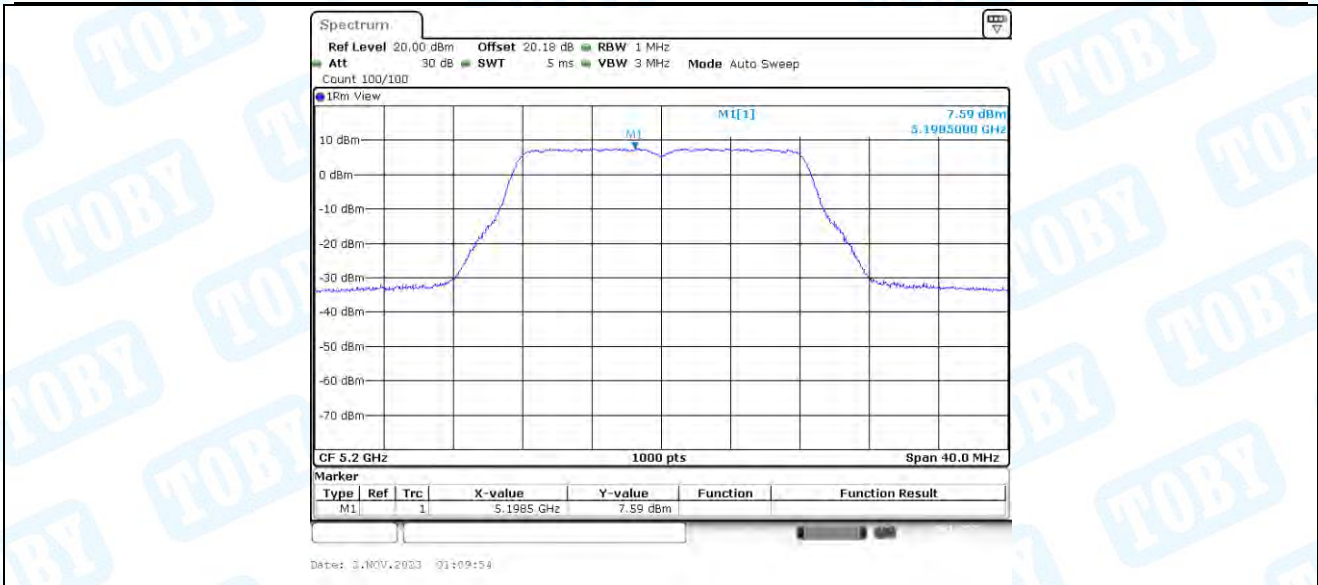
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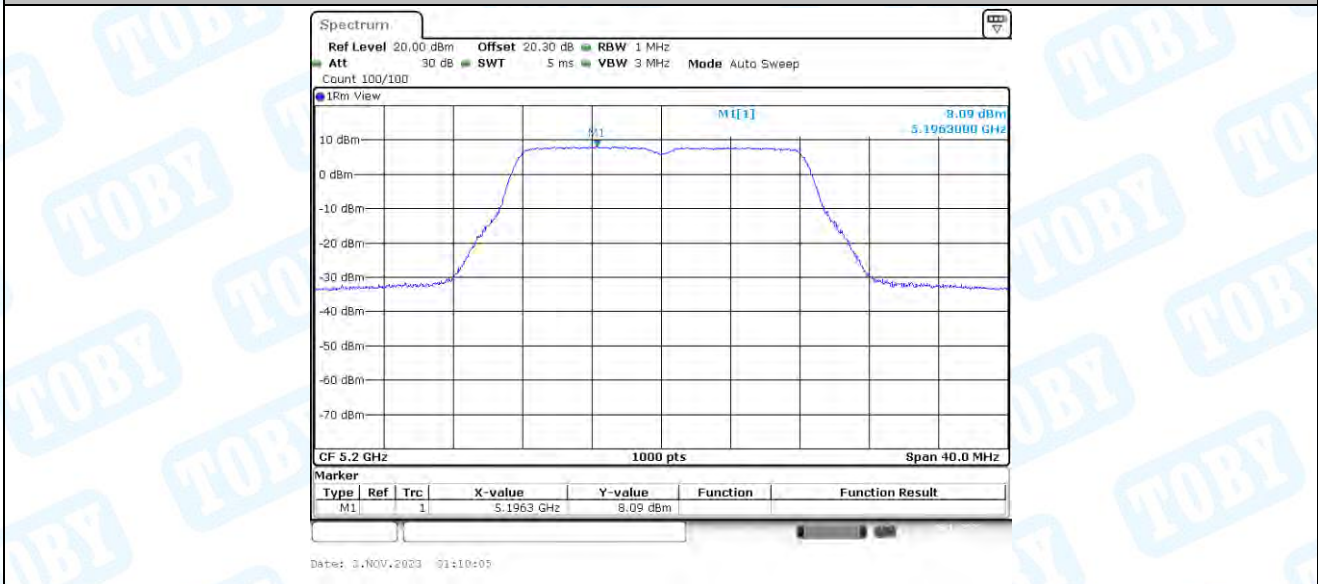
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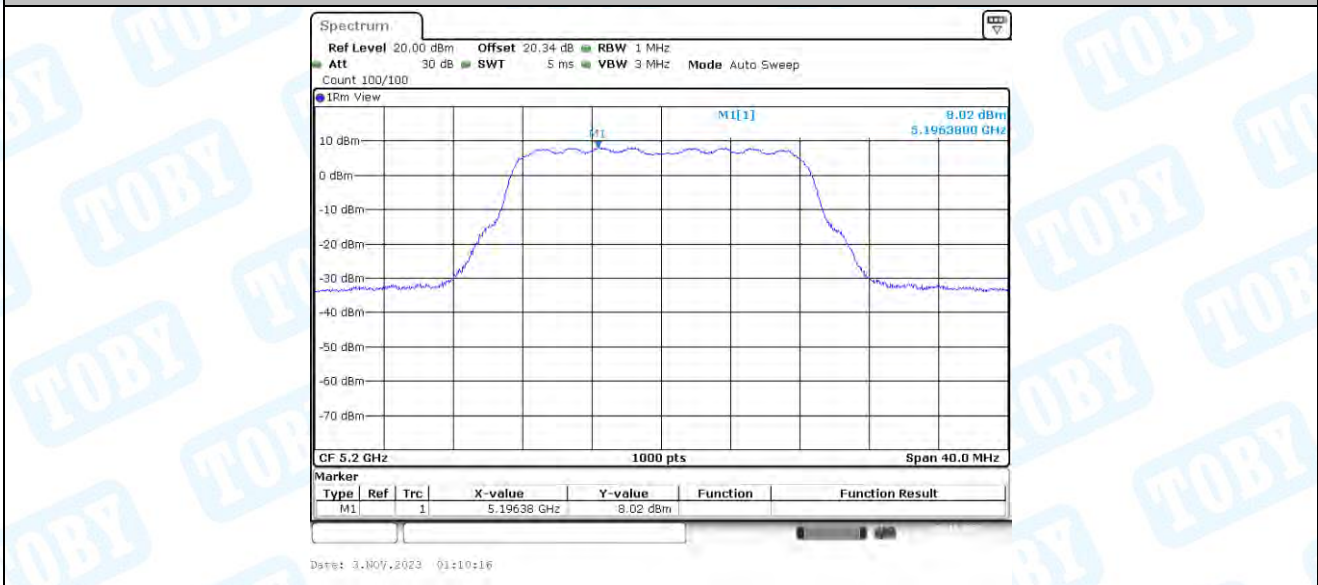
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11A-CDD\_Ant2\_5200



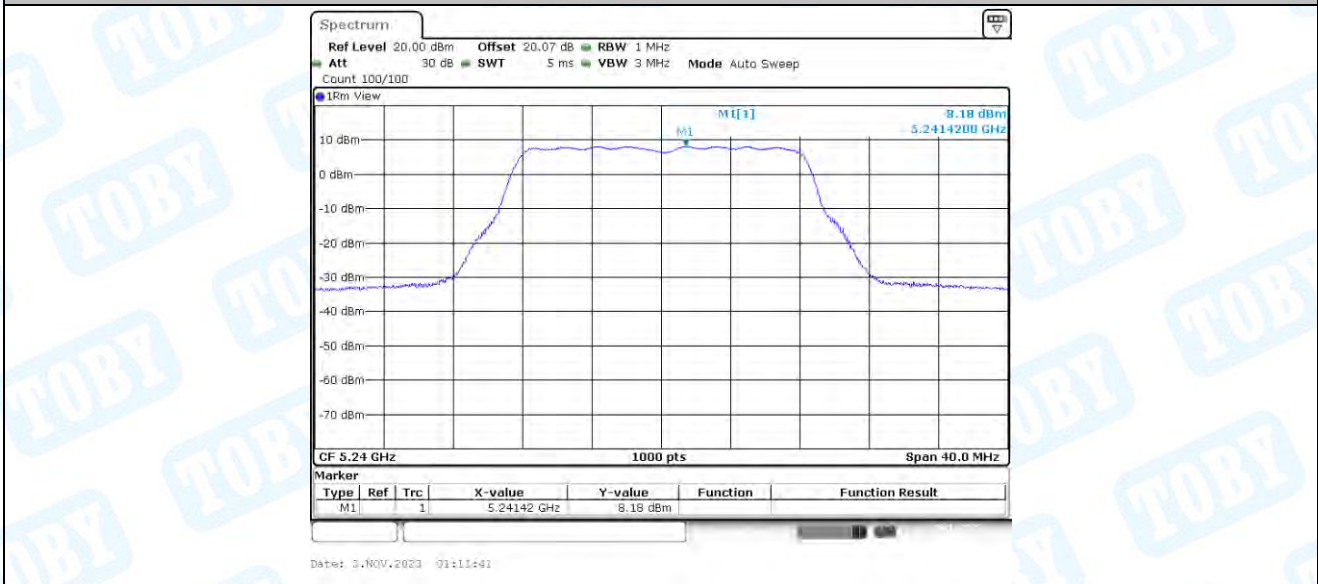
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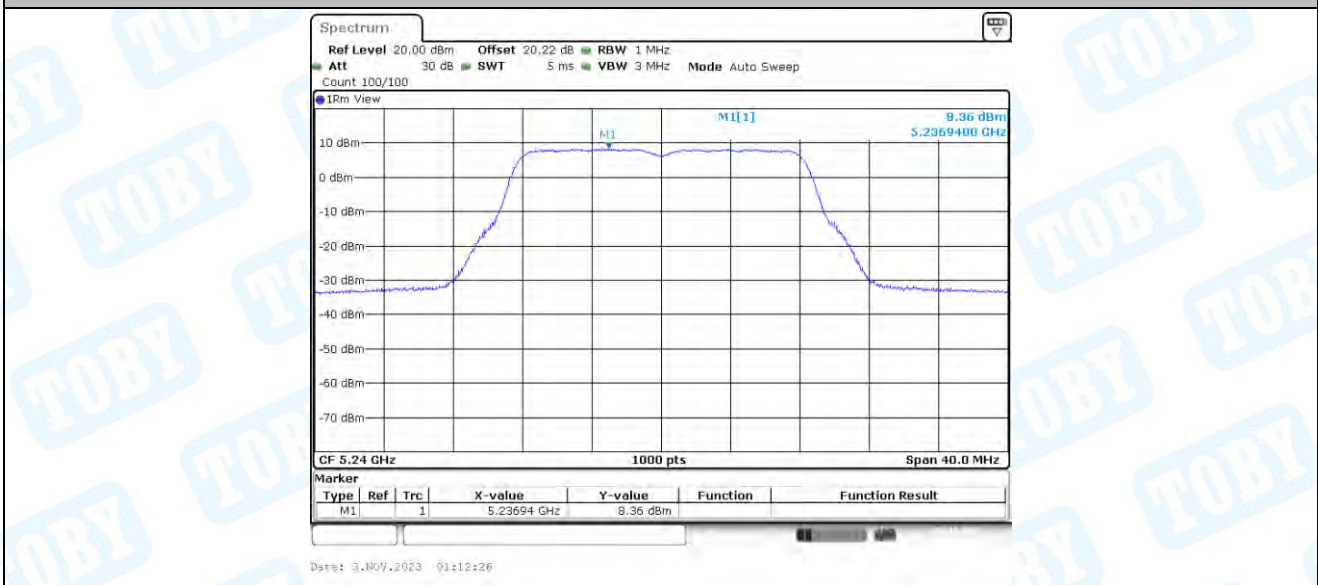
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11A-CDD\_Ant1\_5240



11A-CDD\_Ant2\_5240

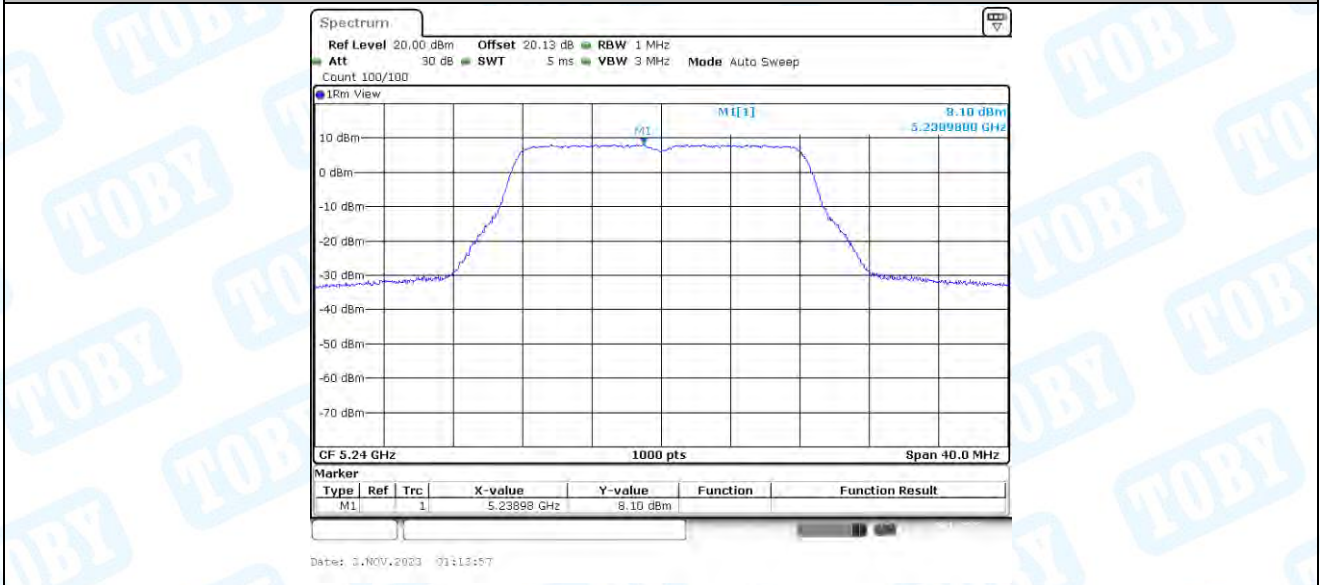


11A-CDD\_Ant3\_5240





11A-CDD\_Ant4\_5240



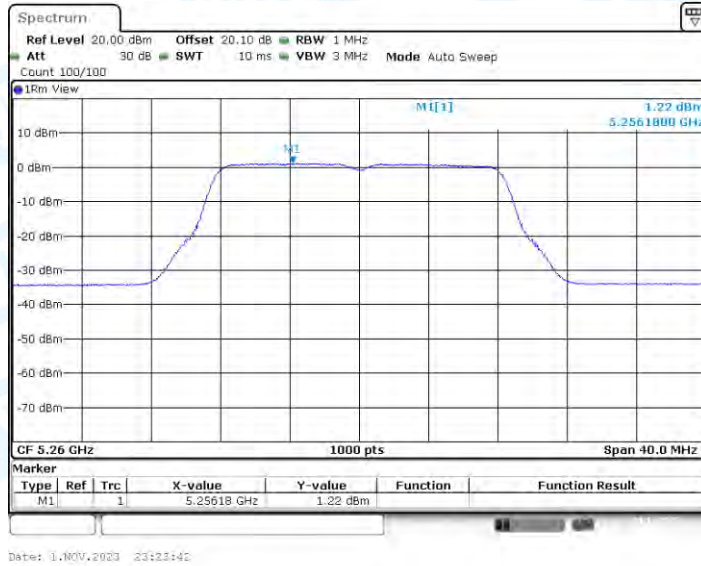
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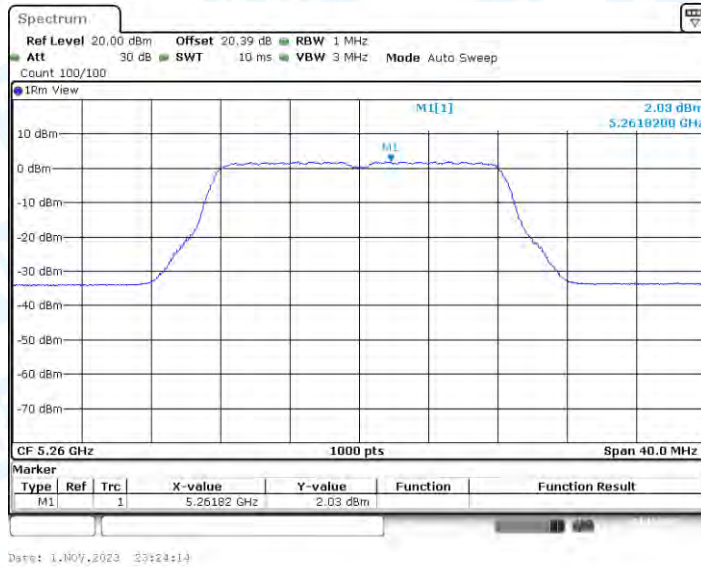
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11A-CDD\_Ant3\_5260



11A-CDD\_Ant4\_5260



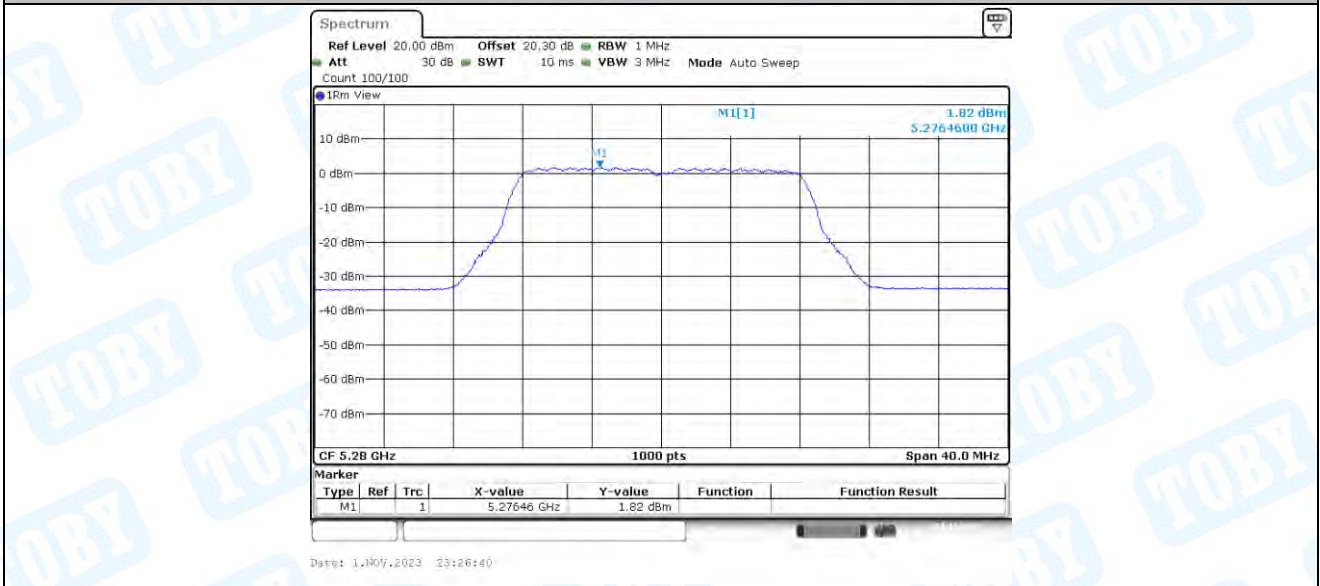
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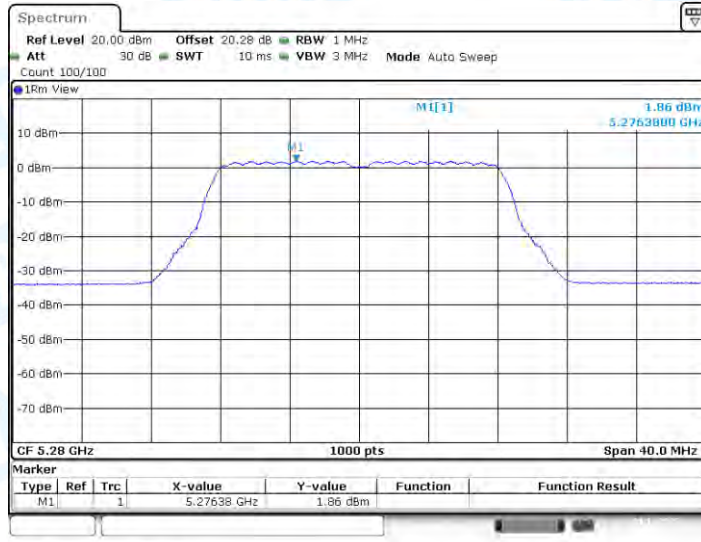
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11A-CDD\_Ant3\_5280

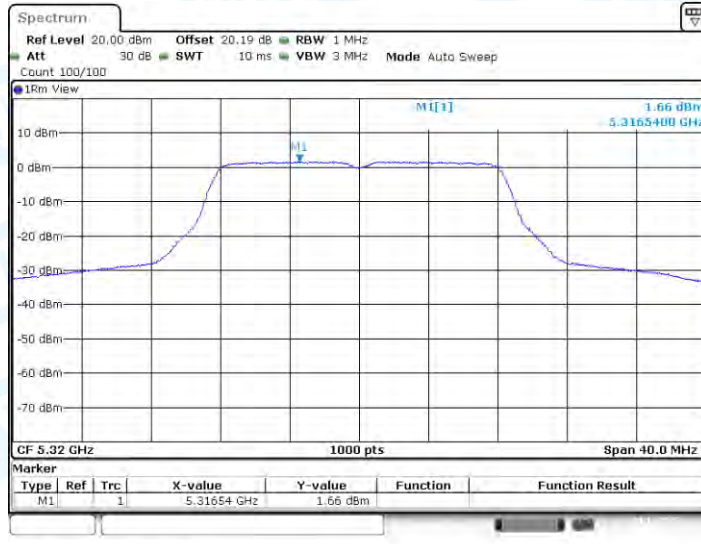


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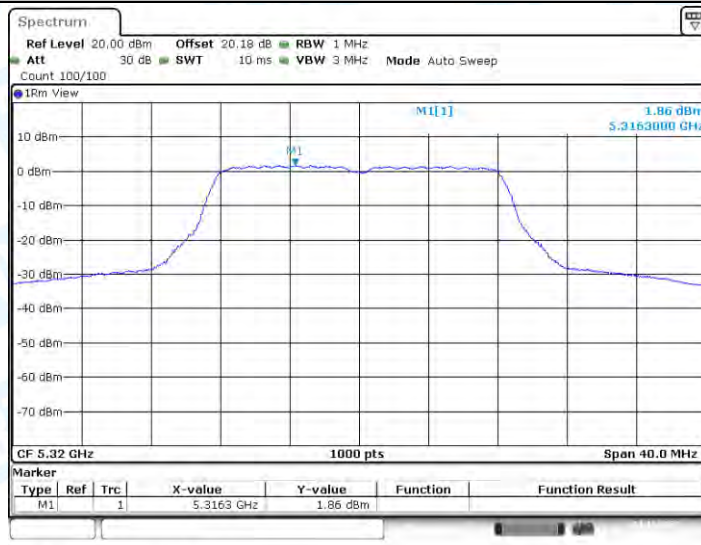
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11A-CDD\_Ant1\_5320



Date: 1.NOV.2023 23:35:36

11A-CDD\_Ant2\_5320

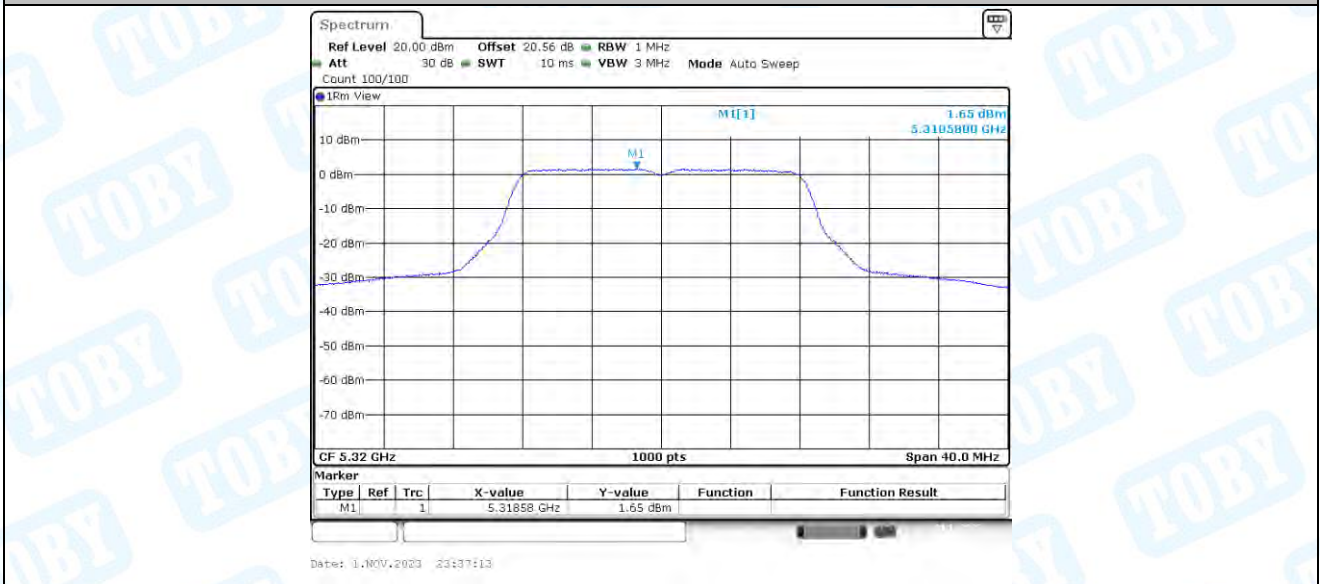


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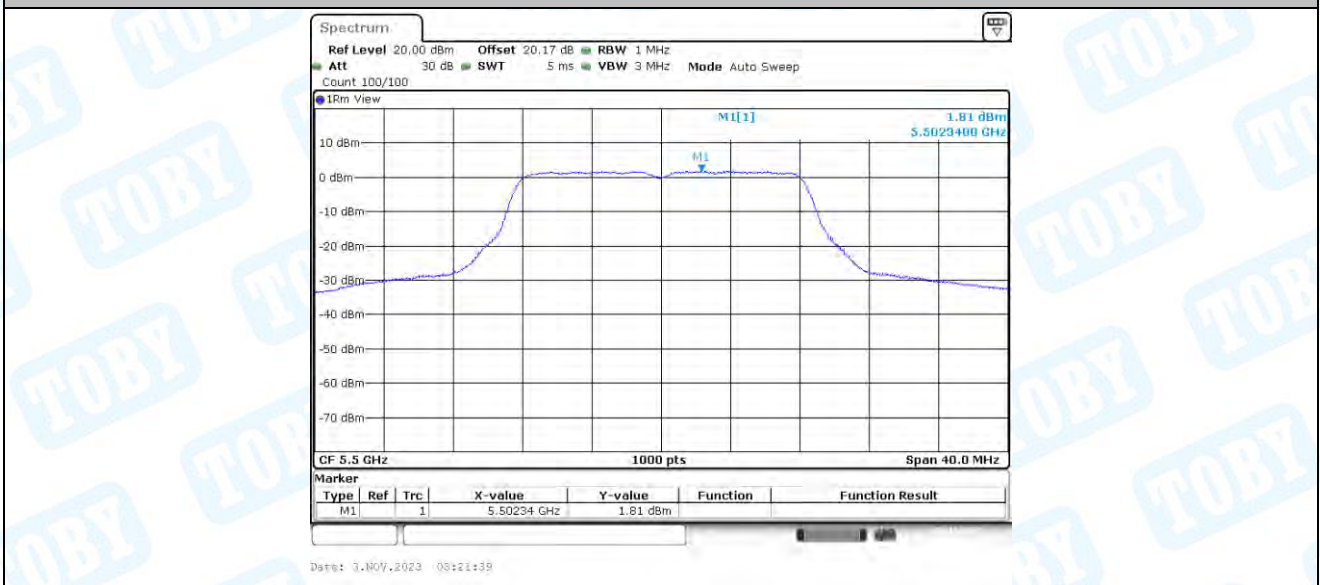
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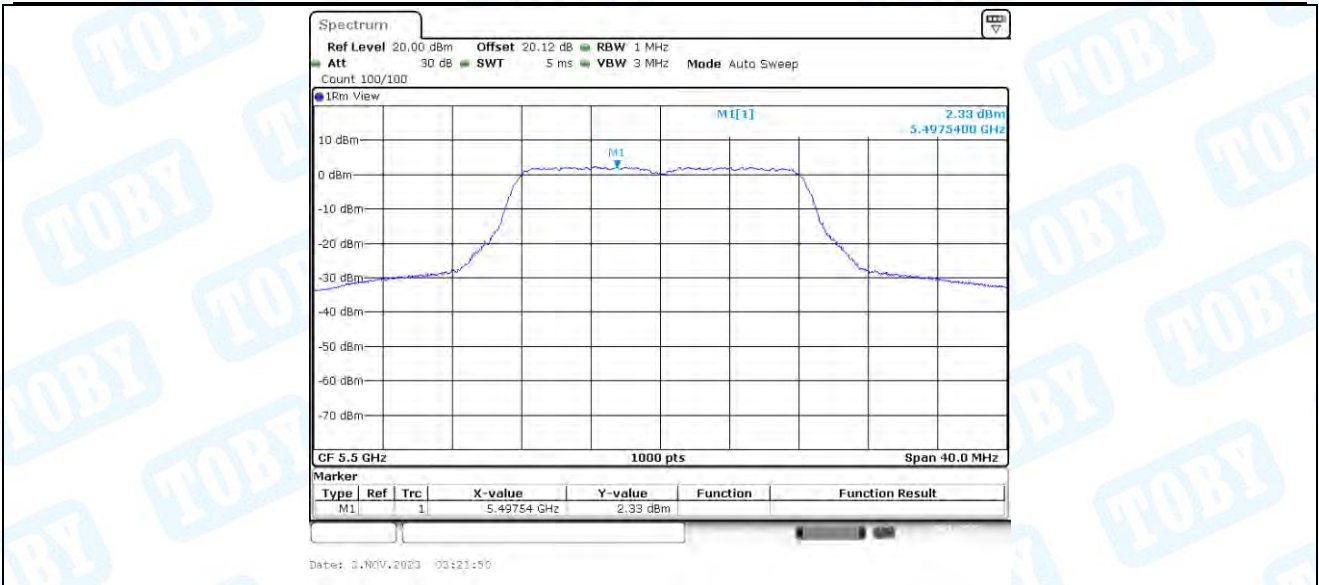
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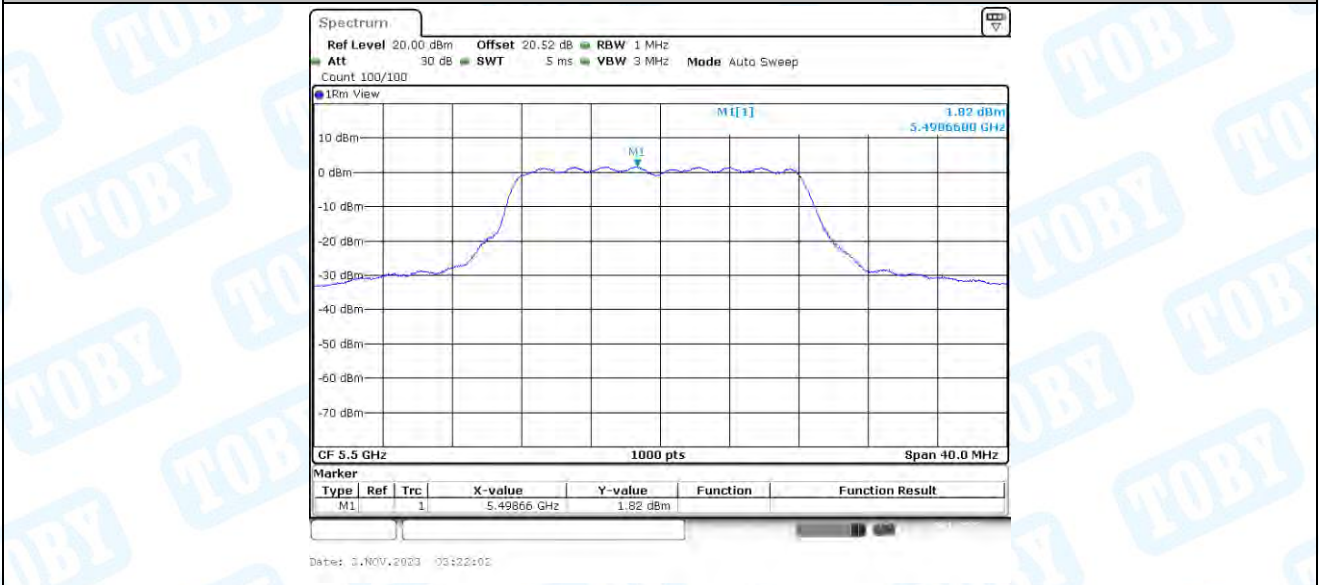
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11A-CDD\_Ant2\_5500



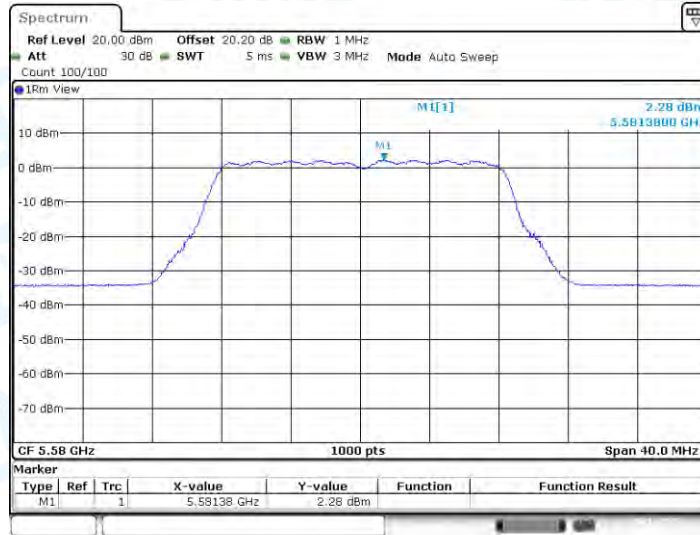
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11A-CDD\_Ant4\_5500

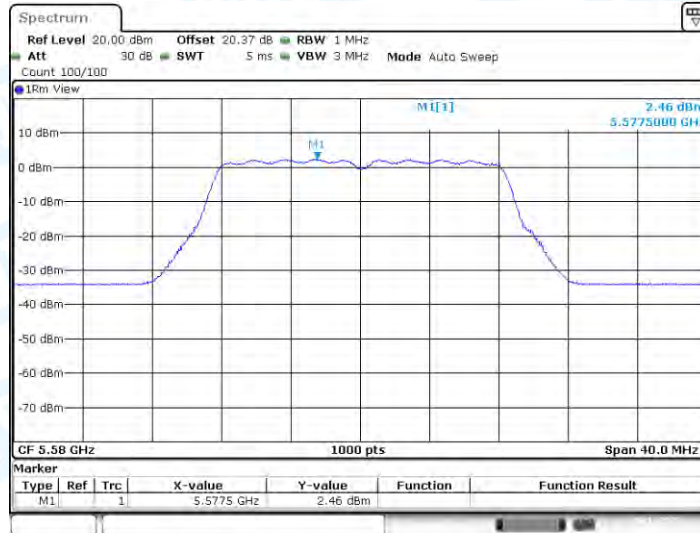


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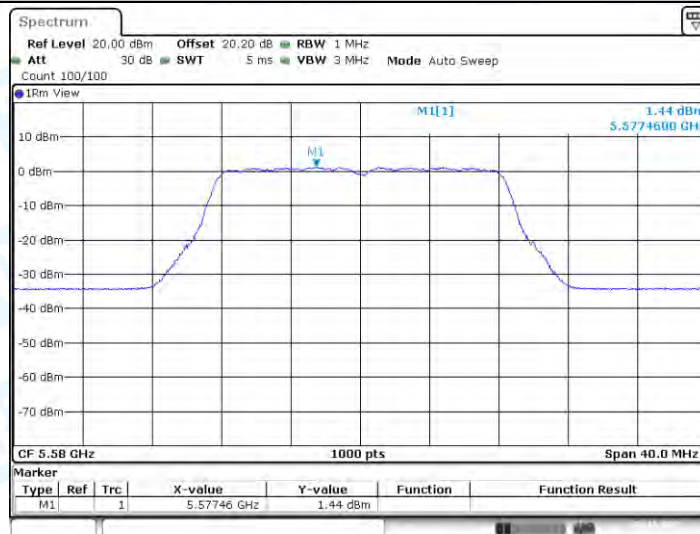
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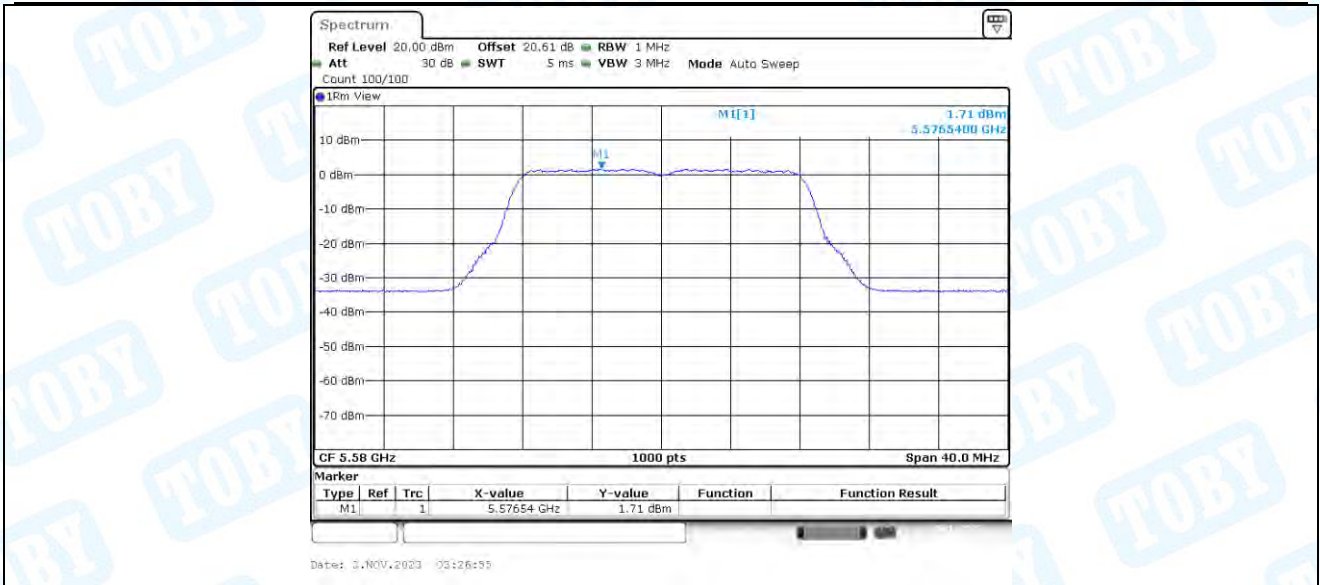
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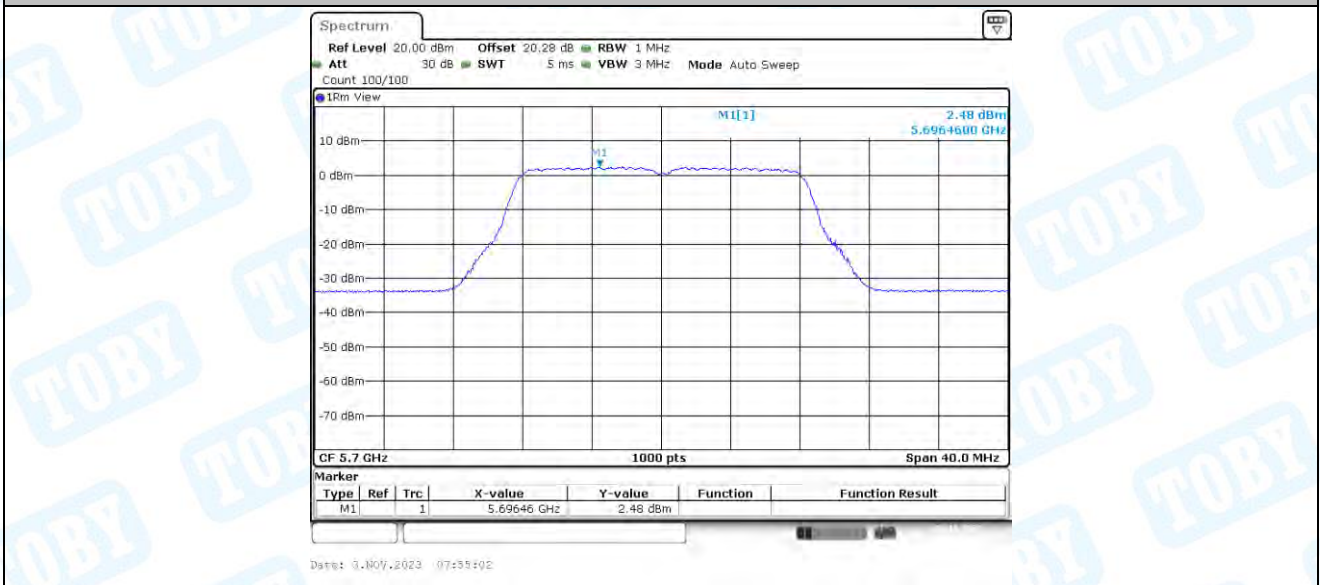
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11A-CDD\_Ant1\_5700



11A-CDD\_Ant2\_5700

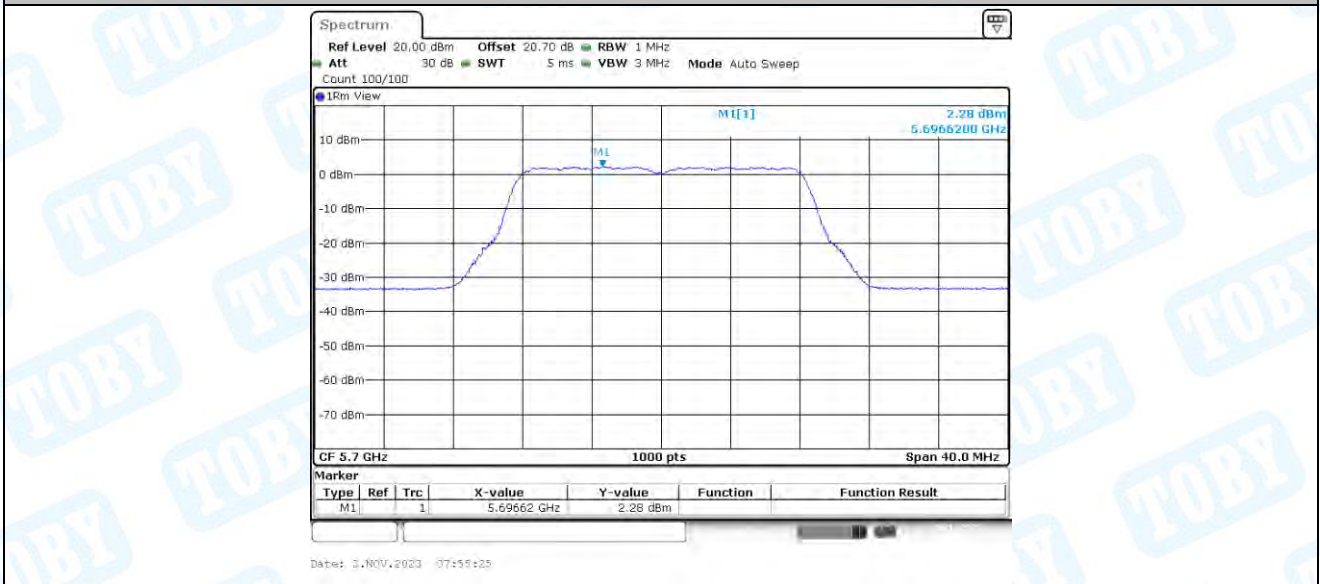


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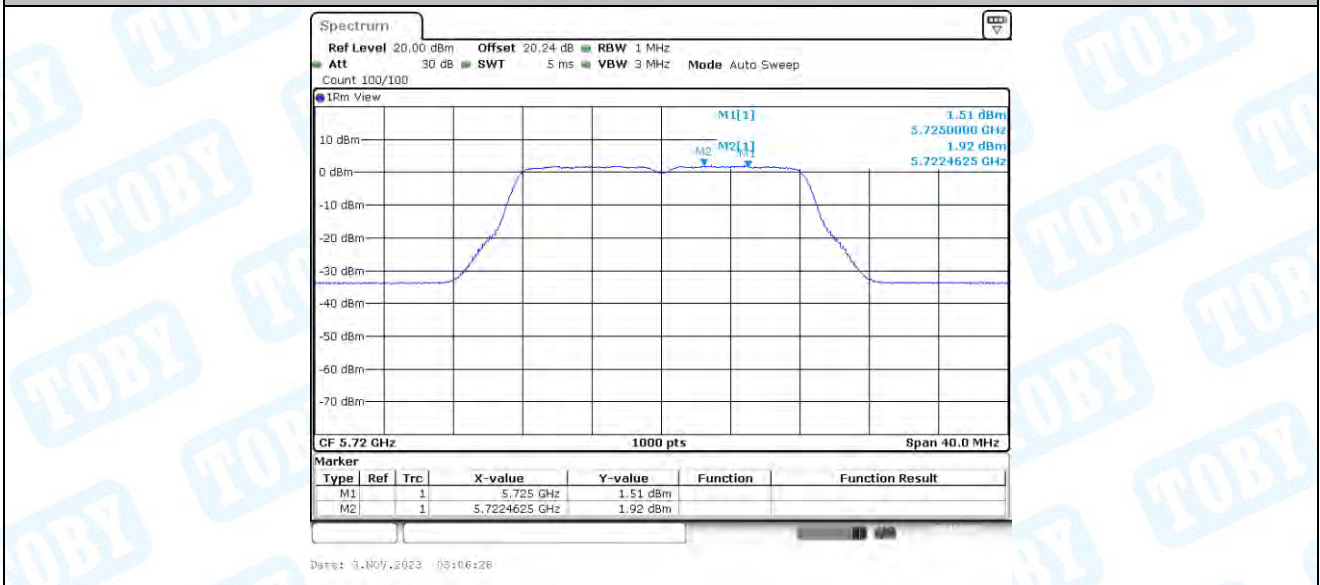




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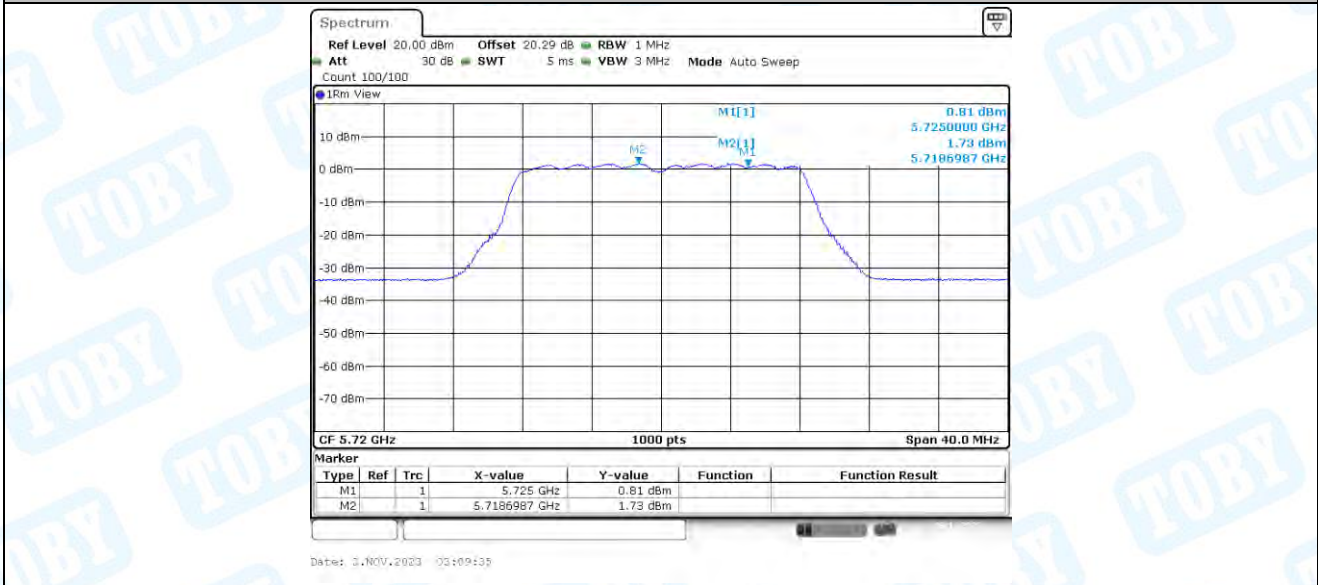
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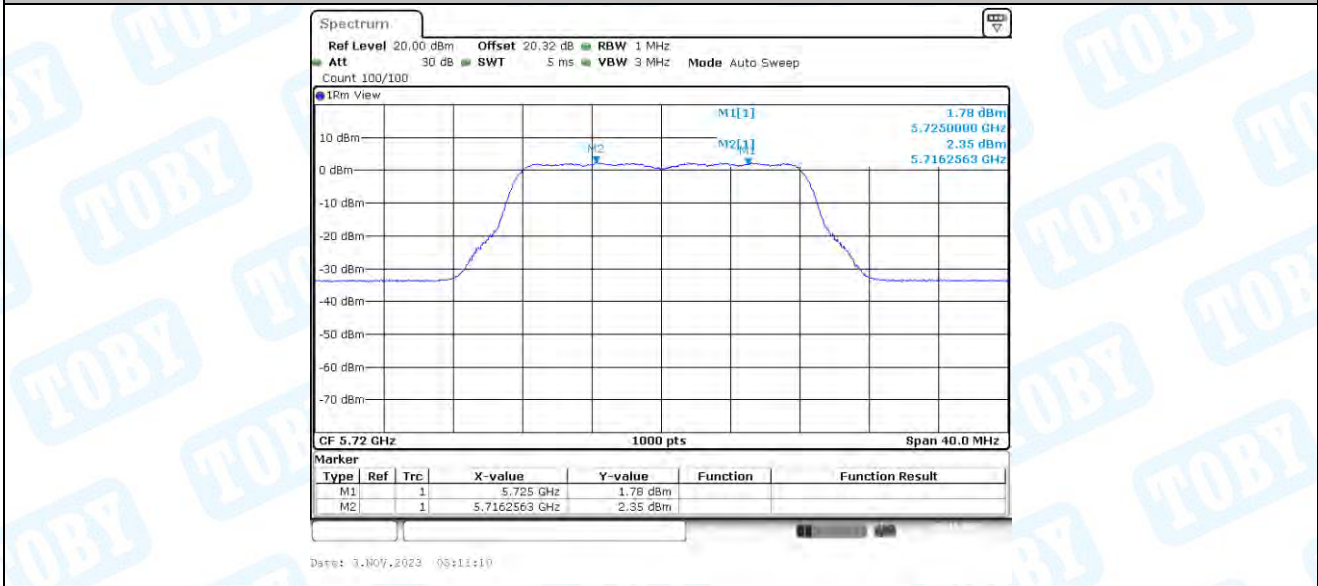
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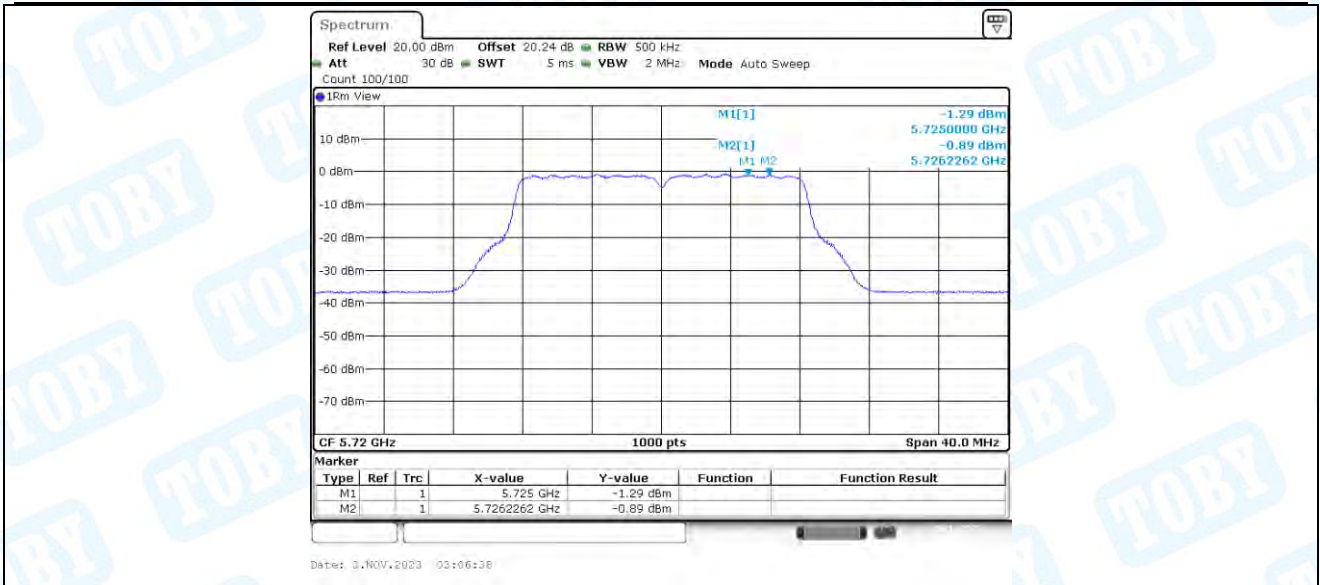
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11A-CDD\_Ant4\_5720\_UNII-2C



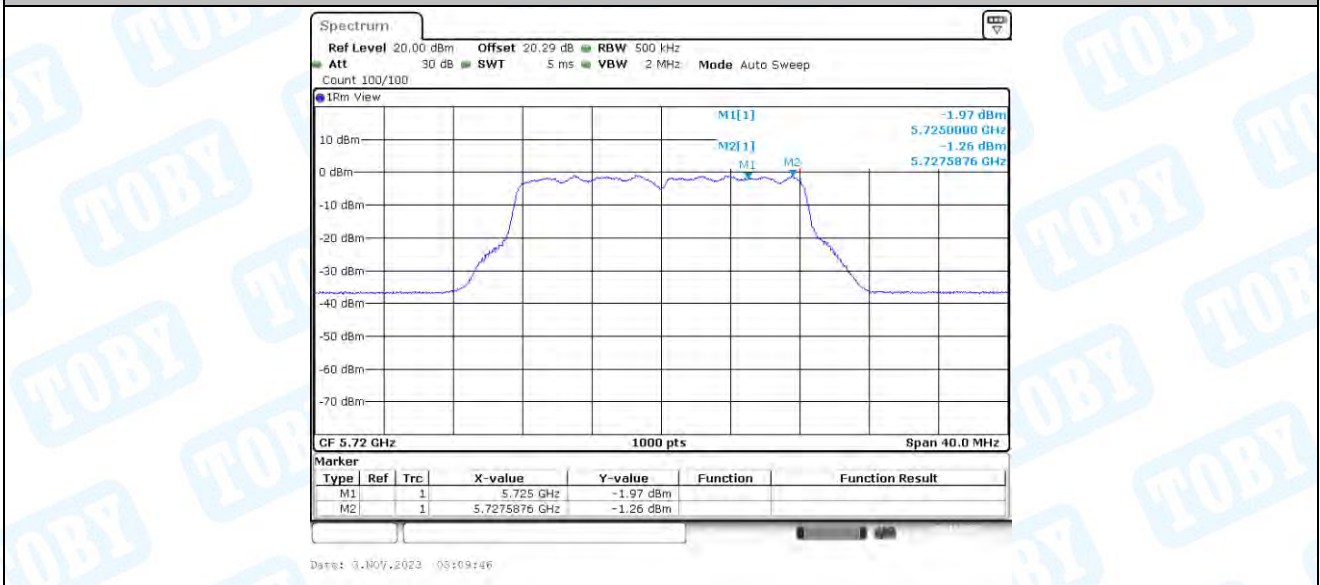
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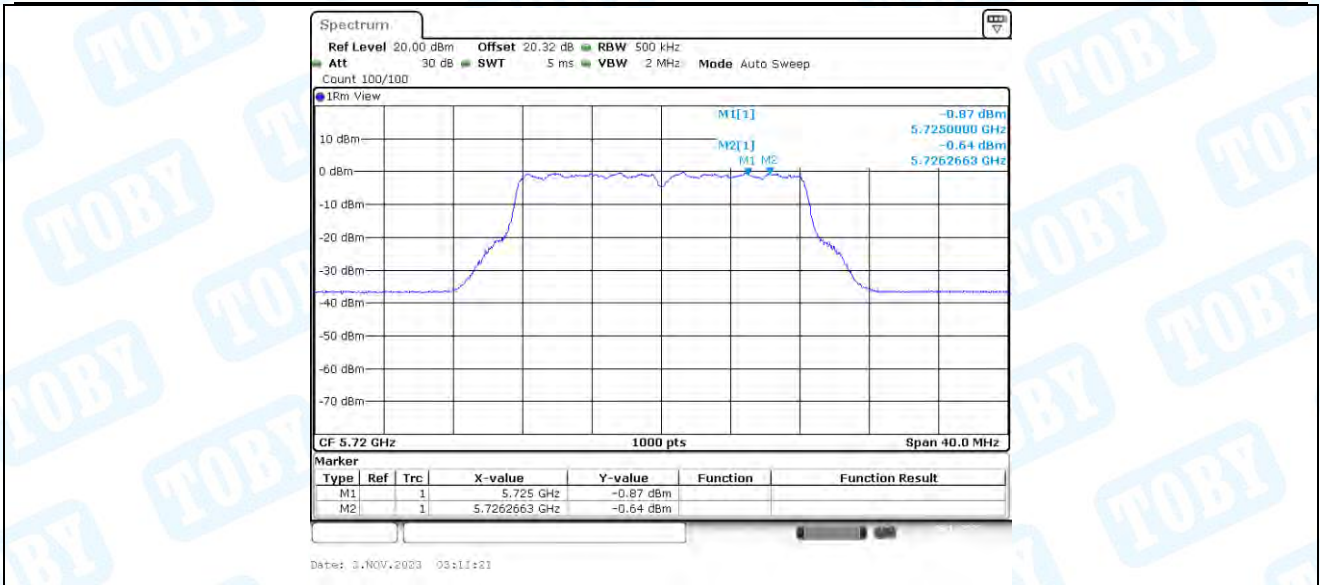
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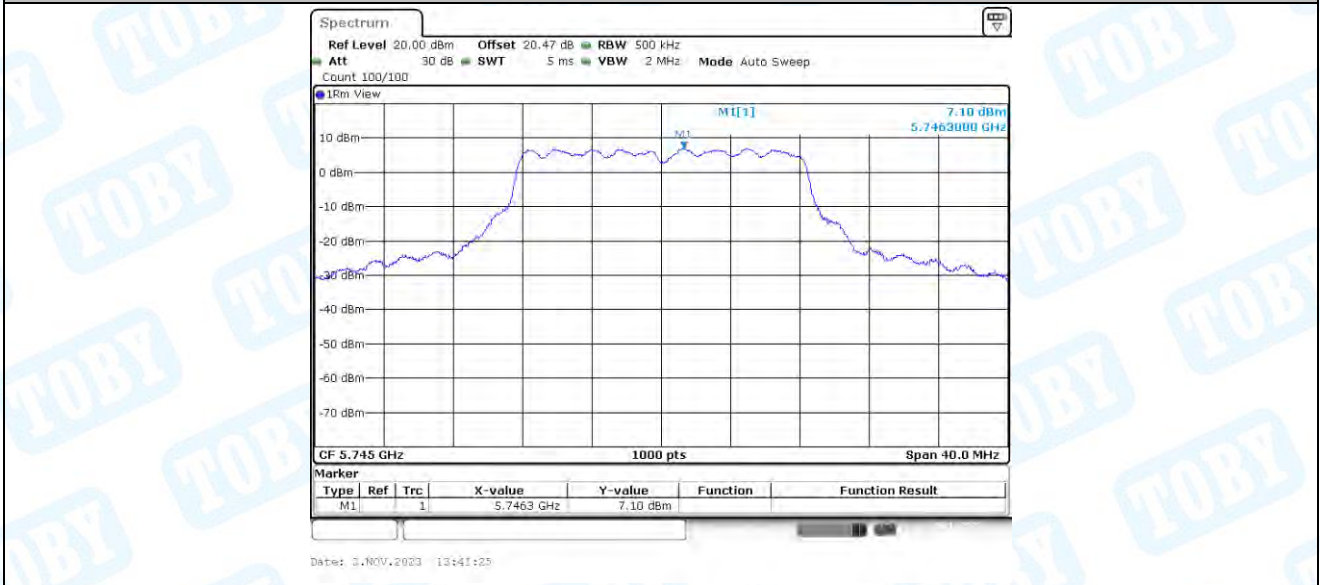
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11A-CDD\_Ant4\_5720\_UNII-3



11A-CDD\_Ant1\_5745



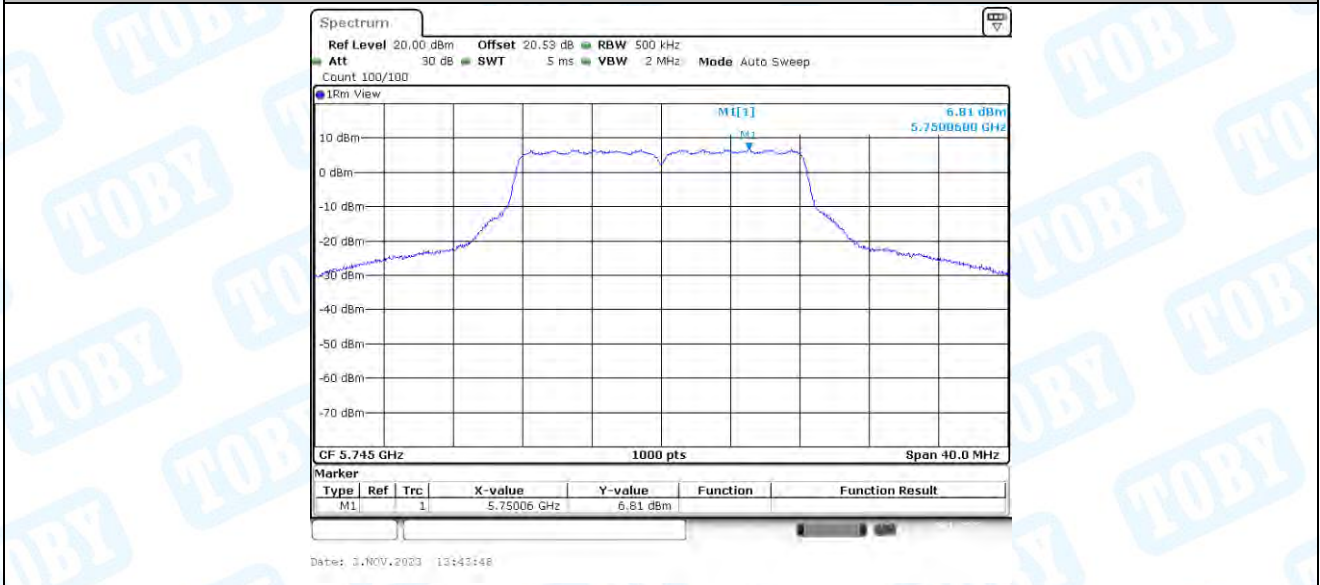
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11A-CDD\_Ant3\_5745



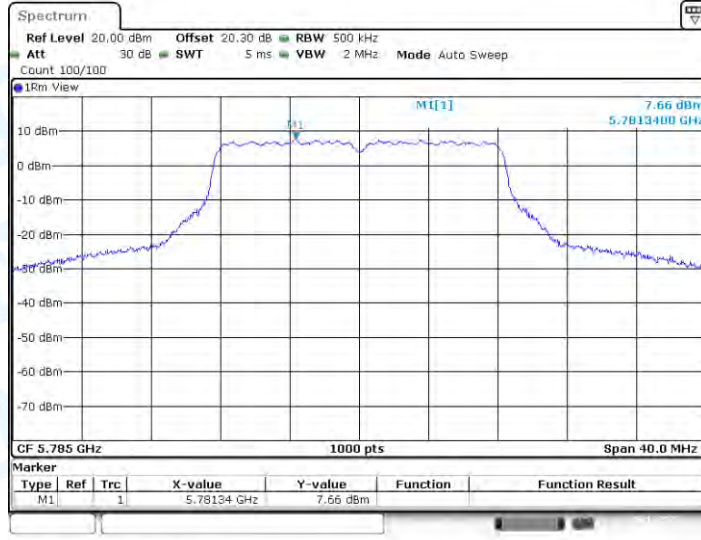
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11A-CDD\_Ant1\_5785

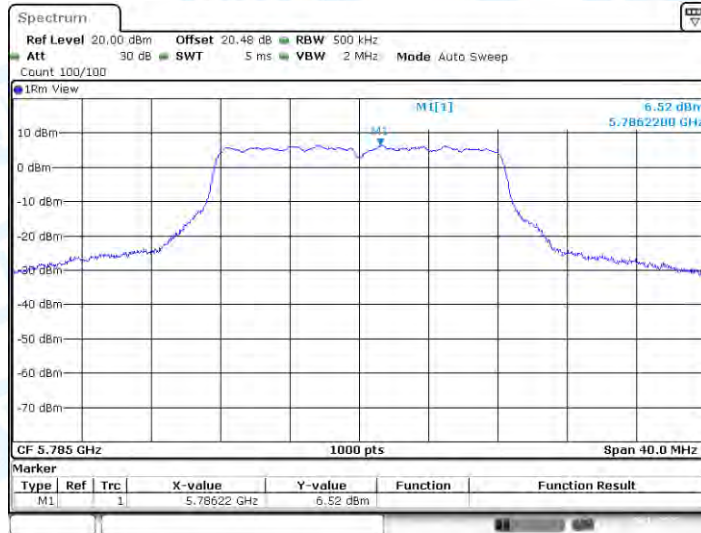


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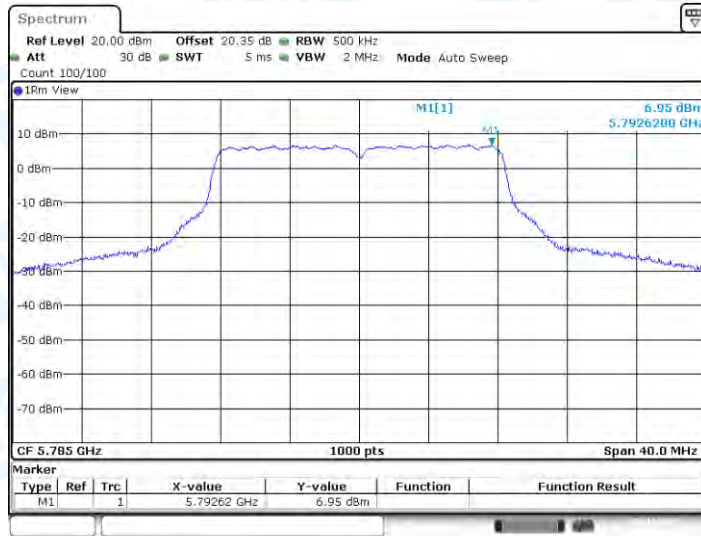
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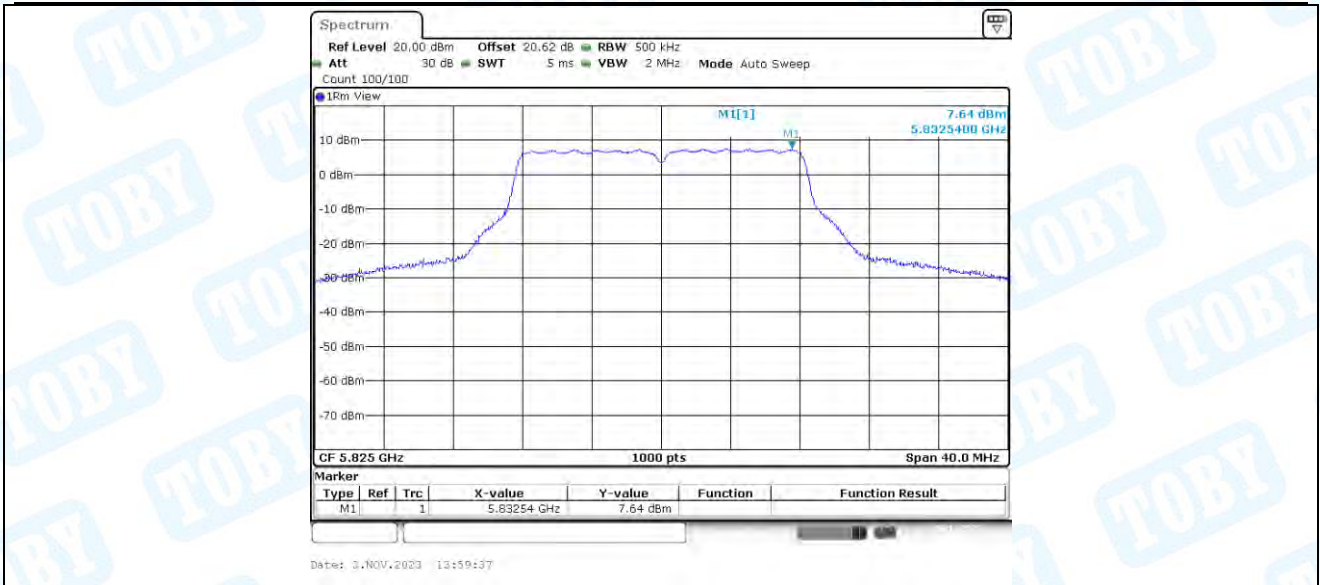
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11A-CDD\_Ant4\_5785



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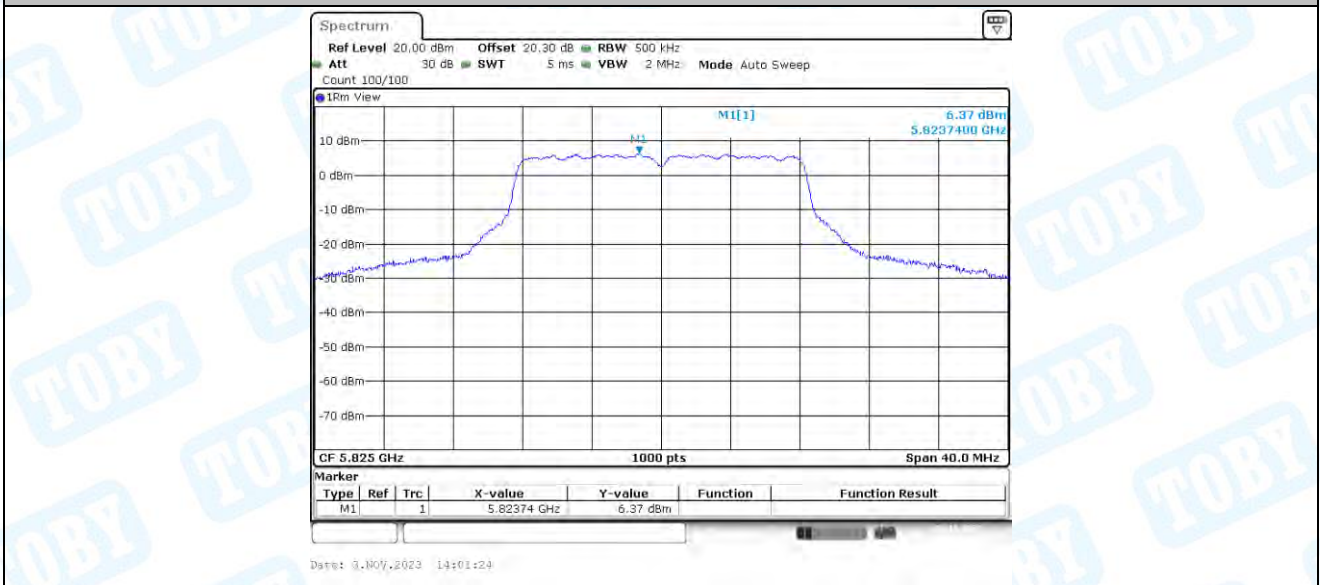
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11A-CDD\_Ant2\_5825



11A-CDD\_Ant3\_5825



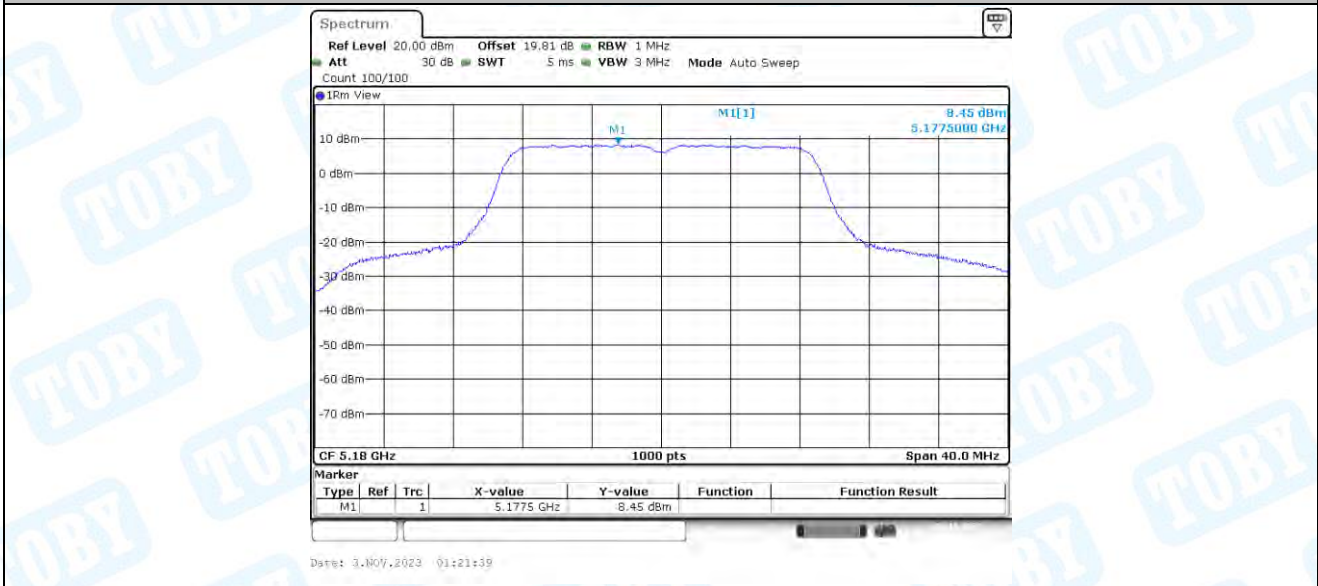
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11N20-CDD\_Ant1\_5180

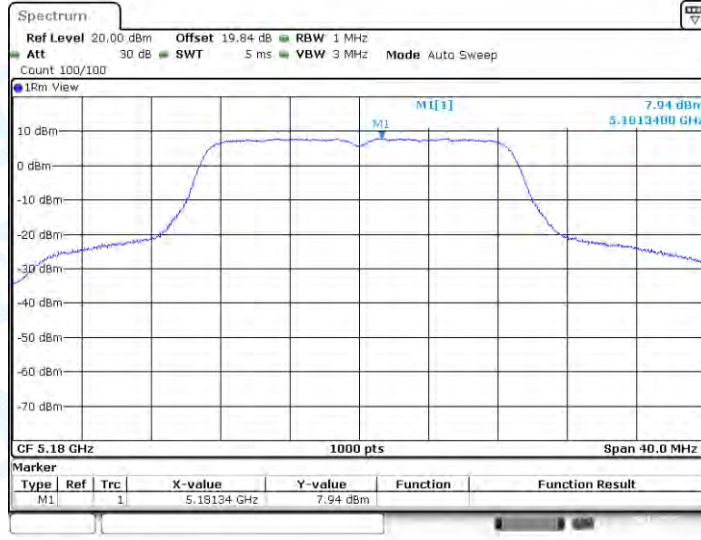


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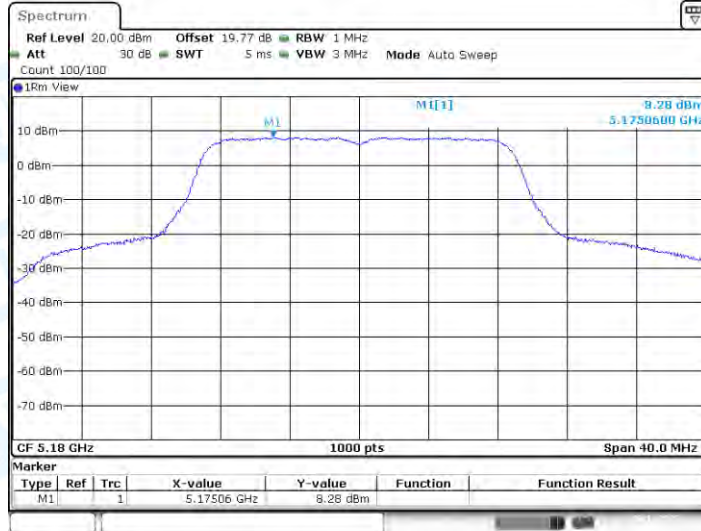
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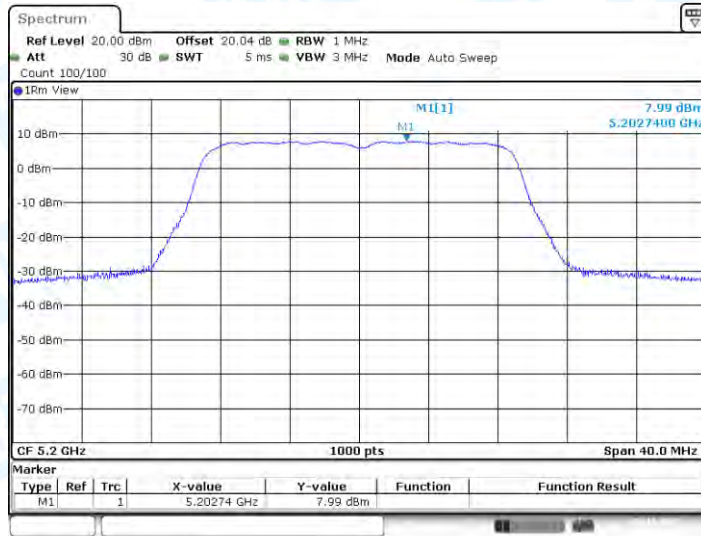
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11N20-CDD\_Ant1\_5200

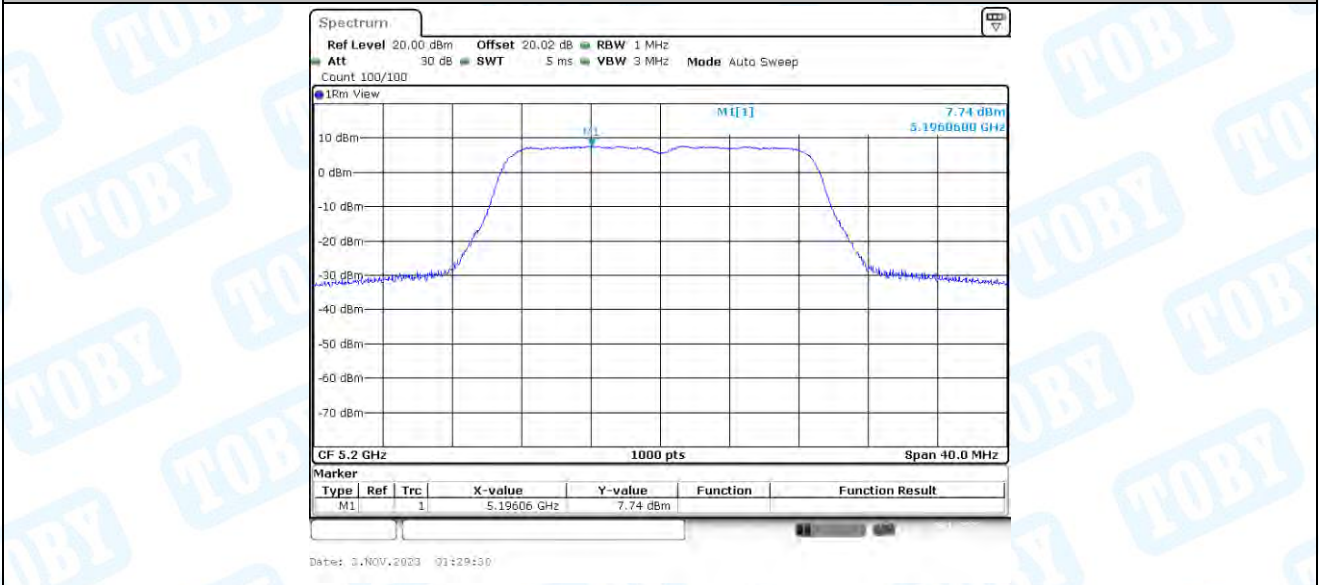


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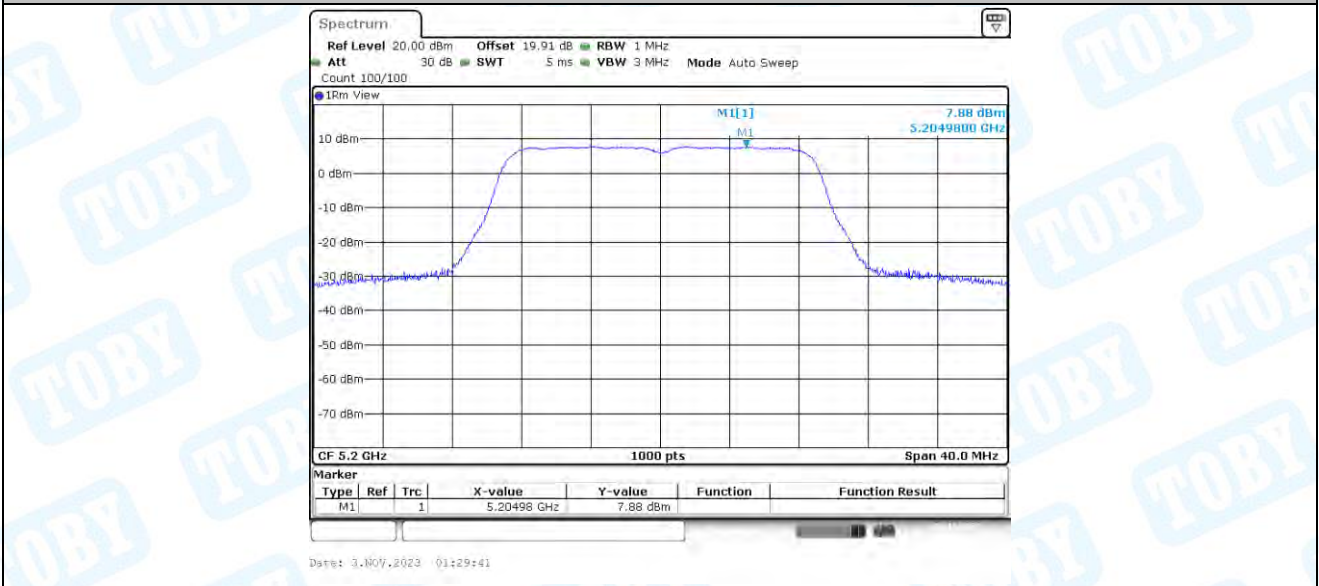
11N20-CDD\_Ant2\_5200



11N20-CDD\_Ant3\_5200



11N20-CDD\_Ant4\_5200



11N20-CDD\_Ant1\_5240