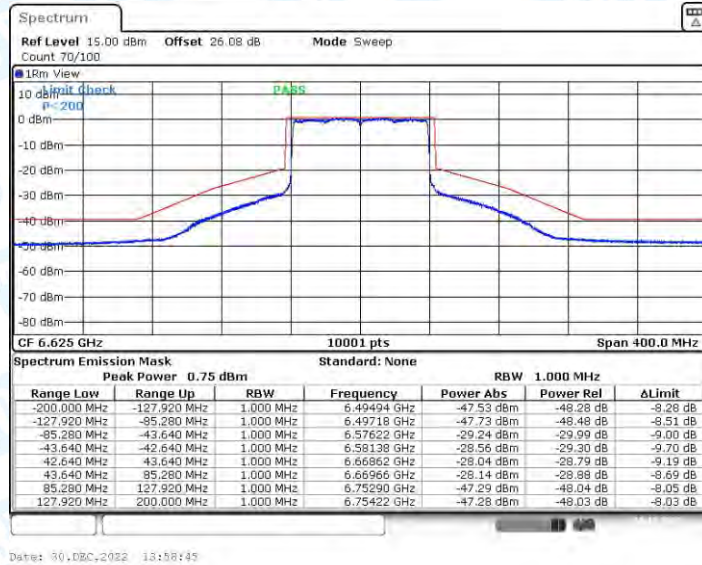
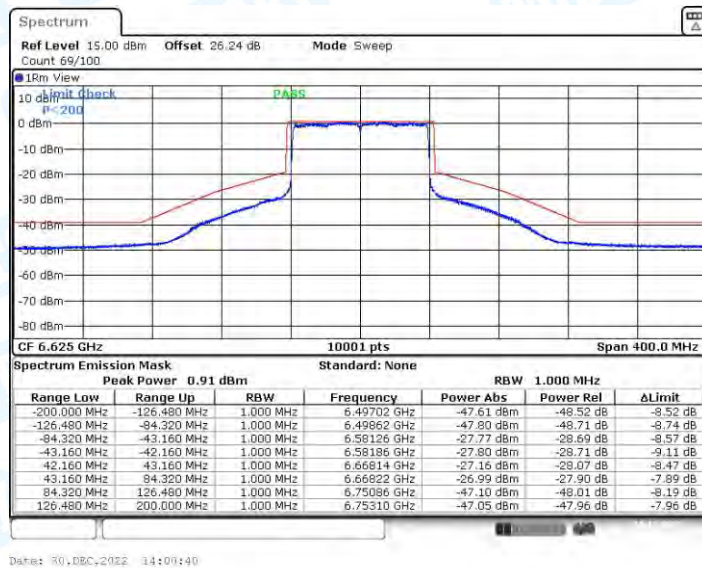
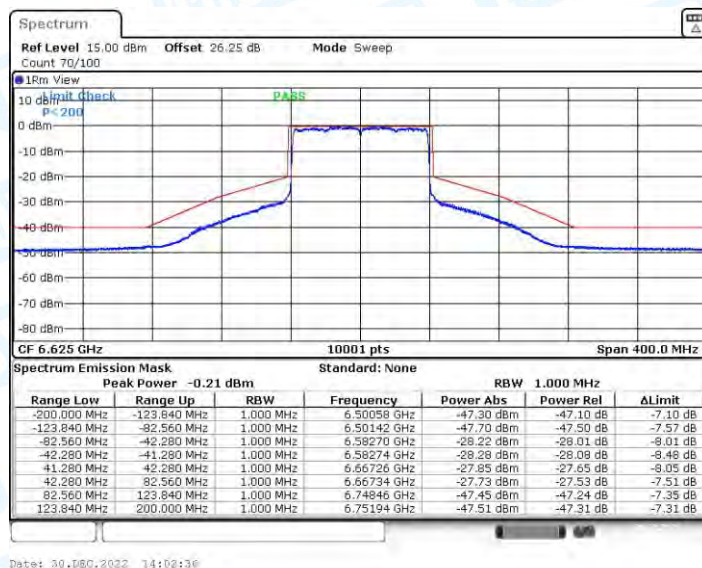




11AX80CDD_Ant2_6625

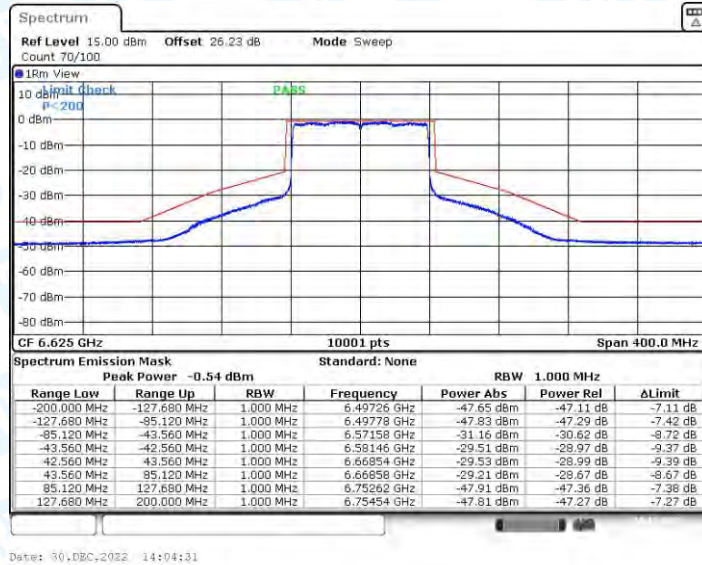


11AX80CDD_Ant3_6625

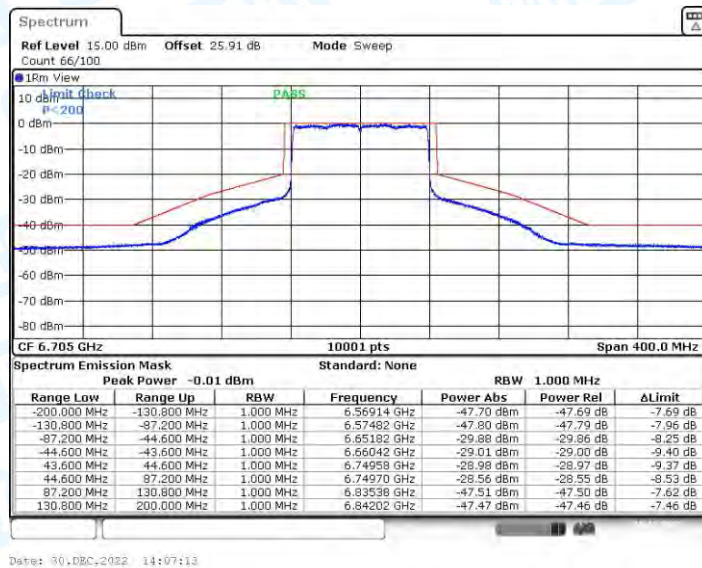


11AX80CDD_Ant4_6625

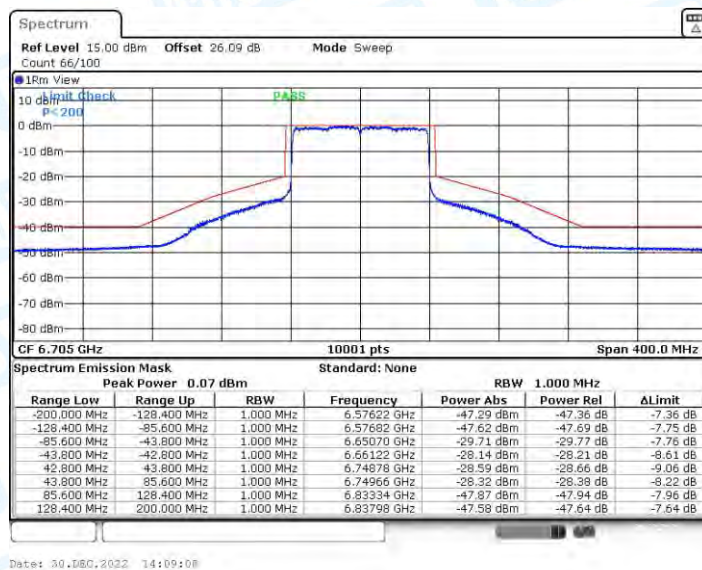




11AX80CDD_Ant1_6705

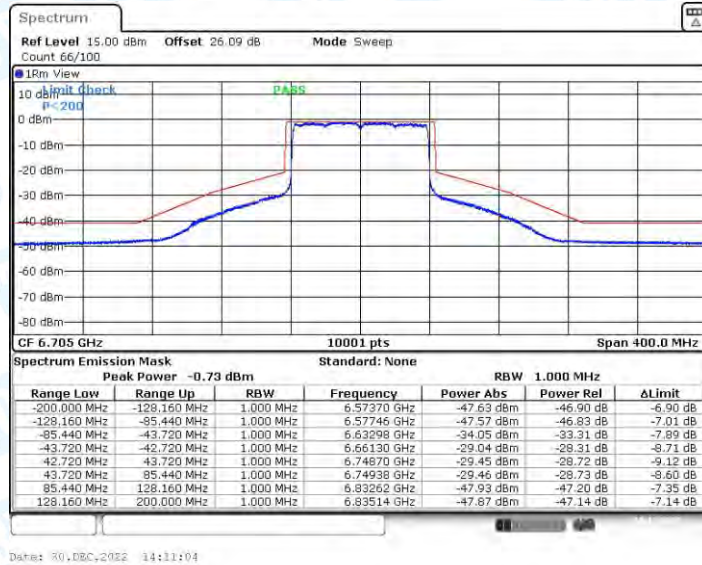


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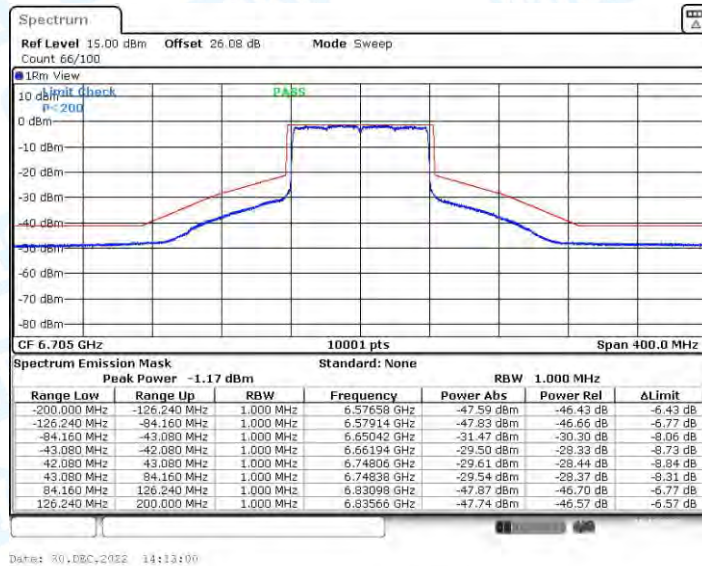


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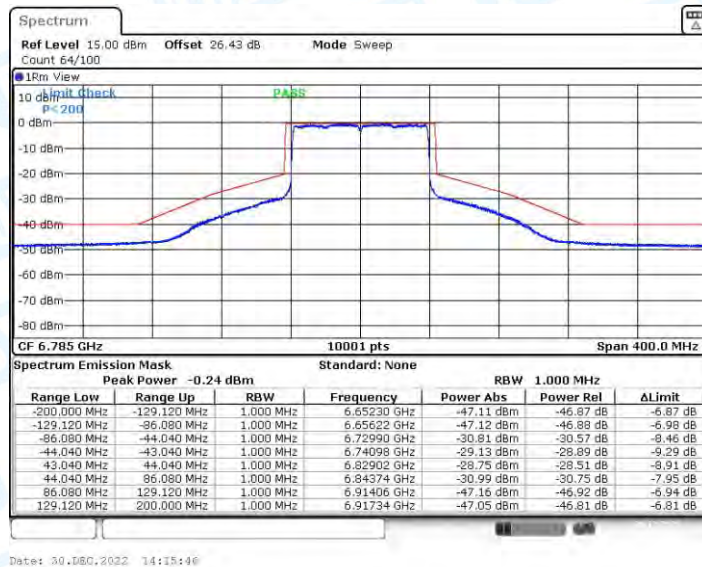




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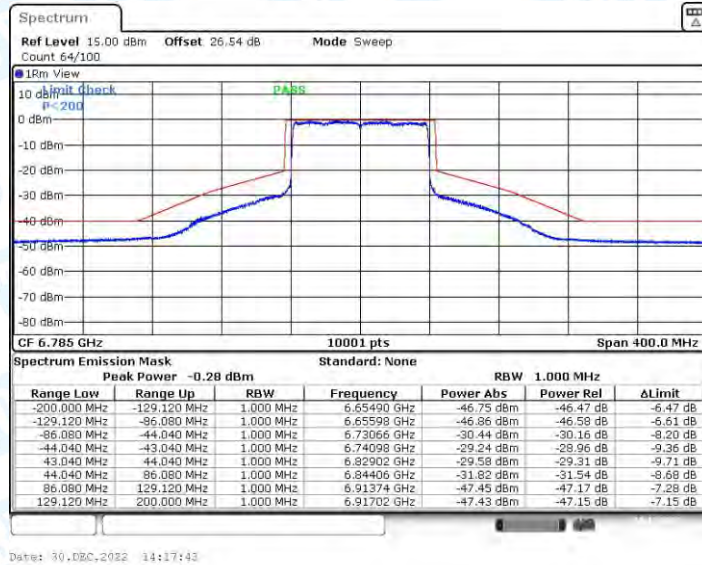


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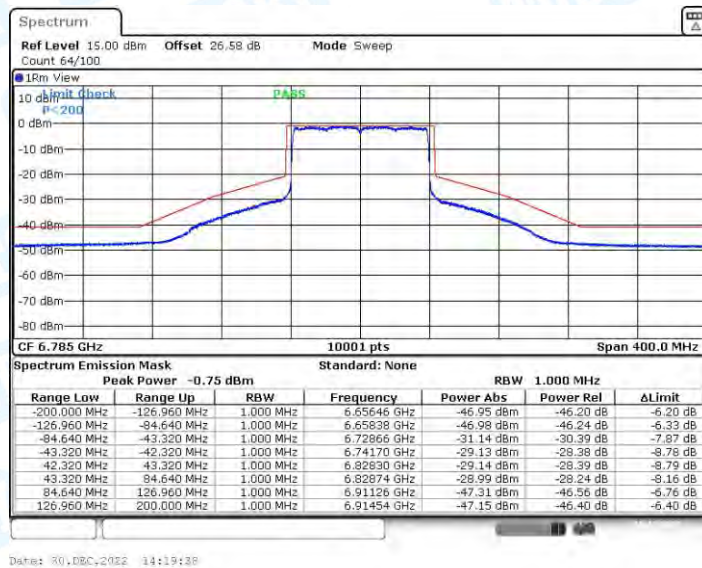


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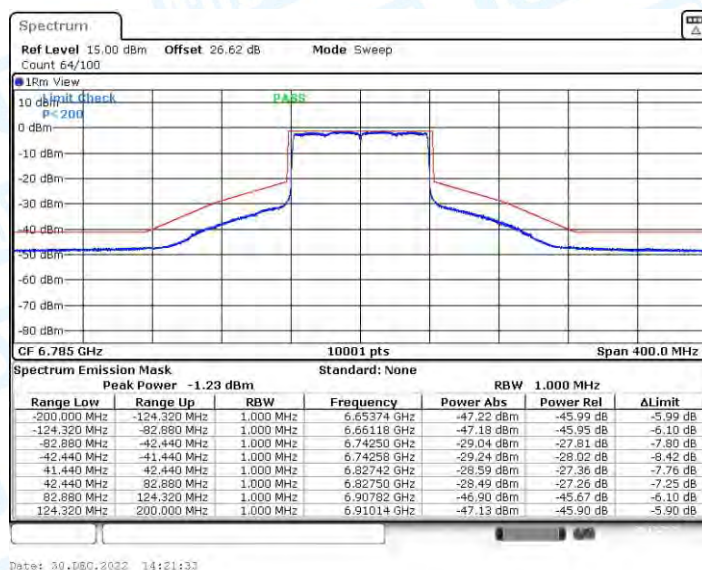




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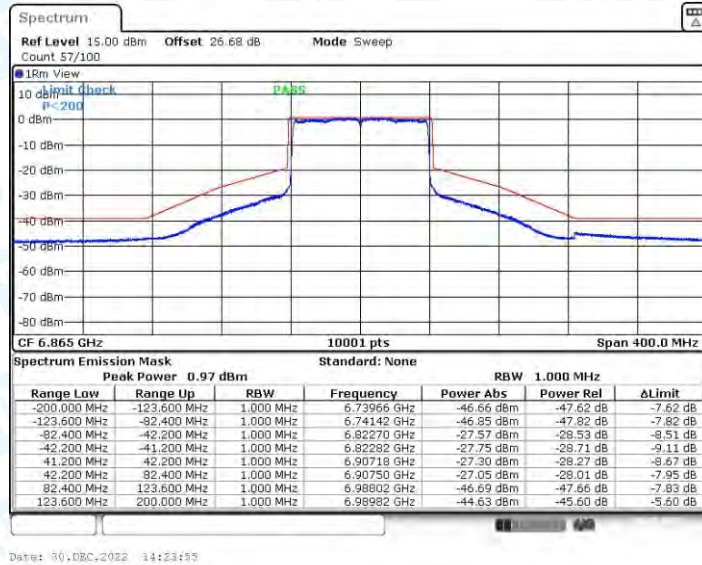


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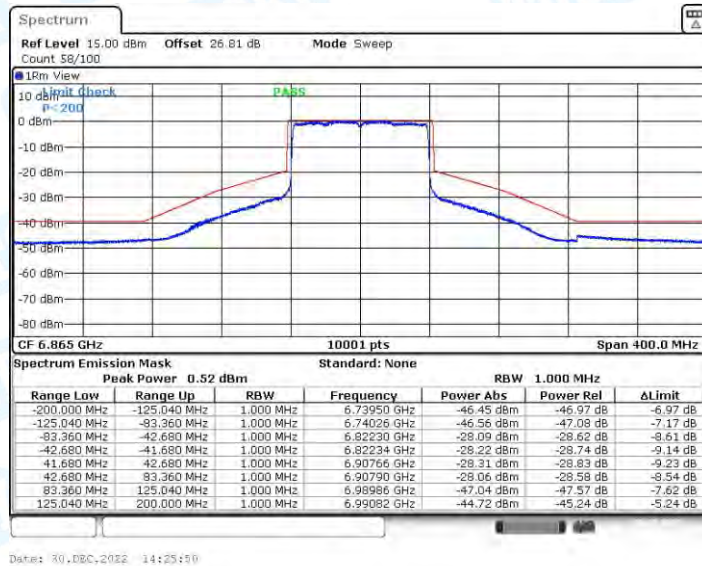


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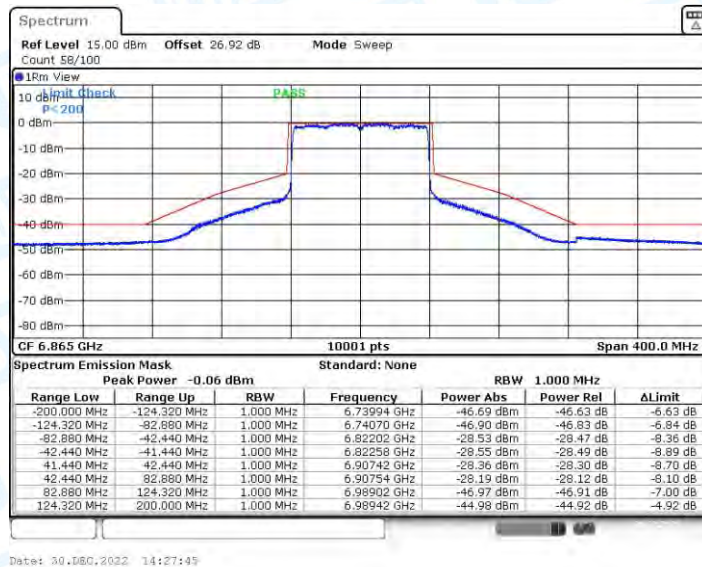




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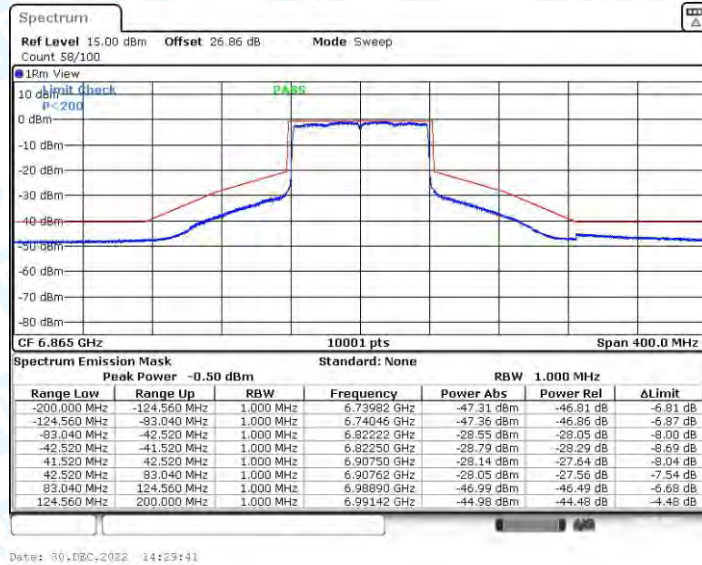


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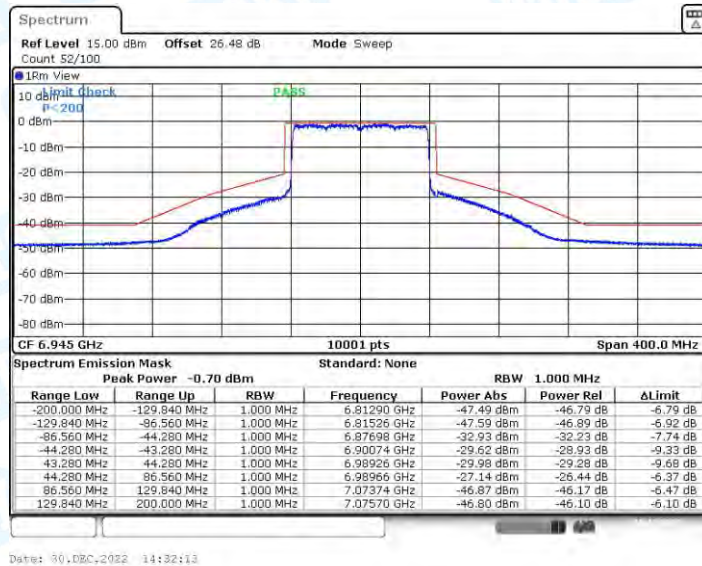


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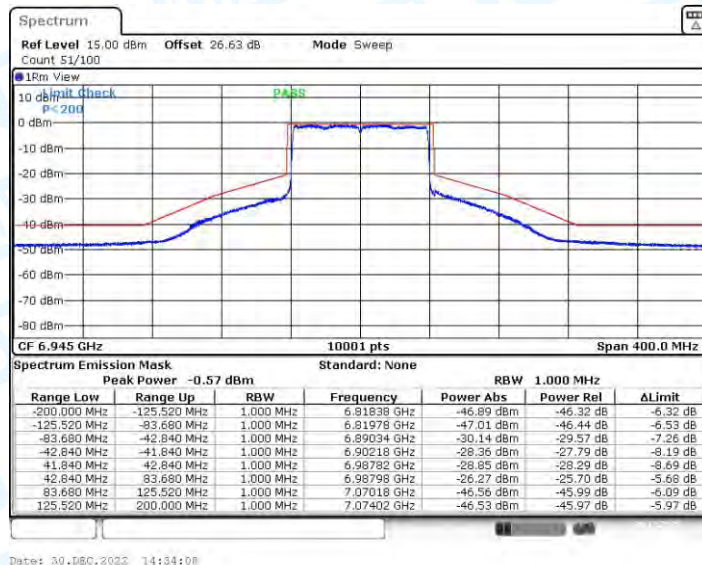




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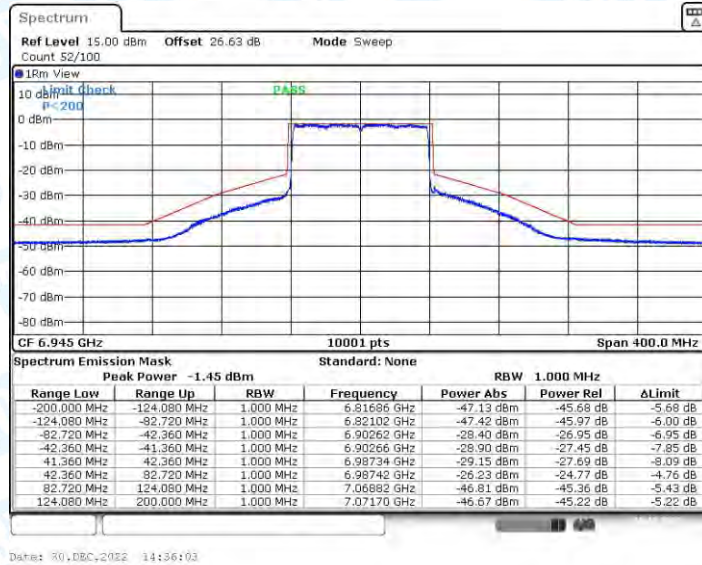


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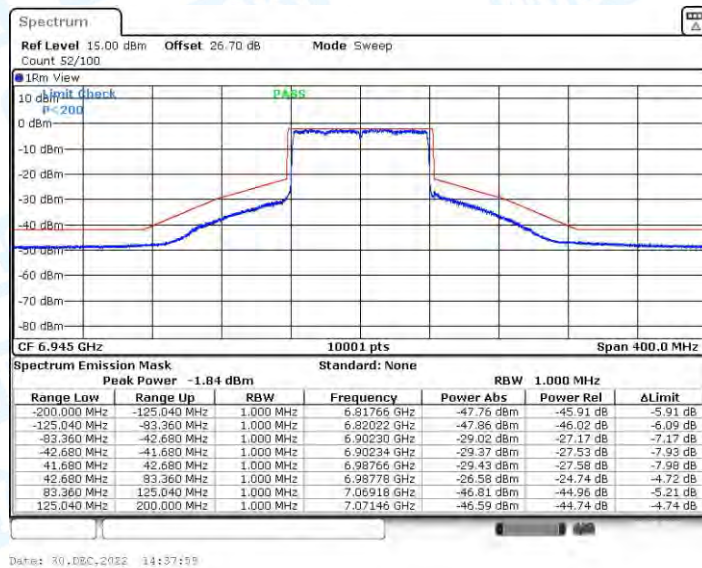


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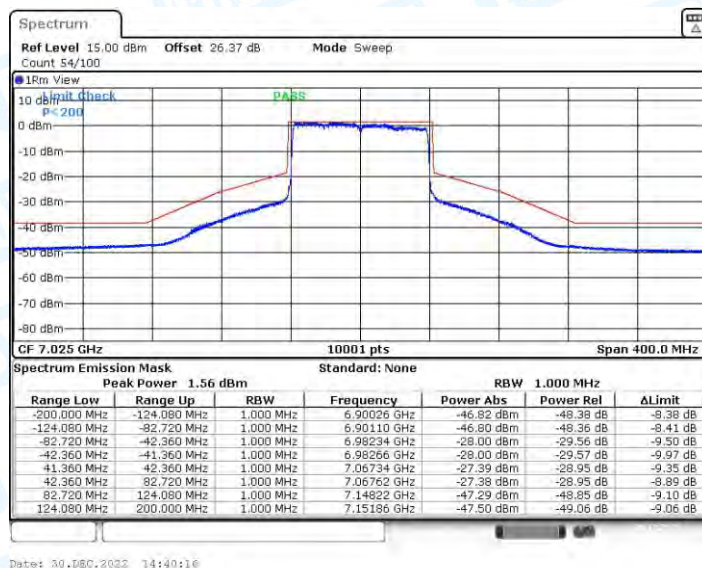




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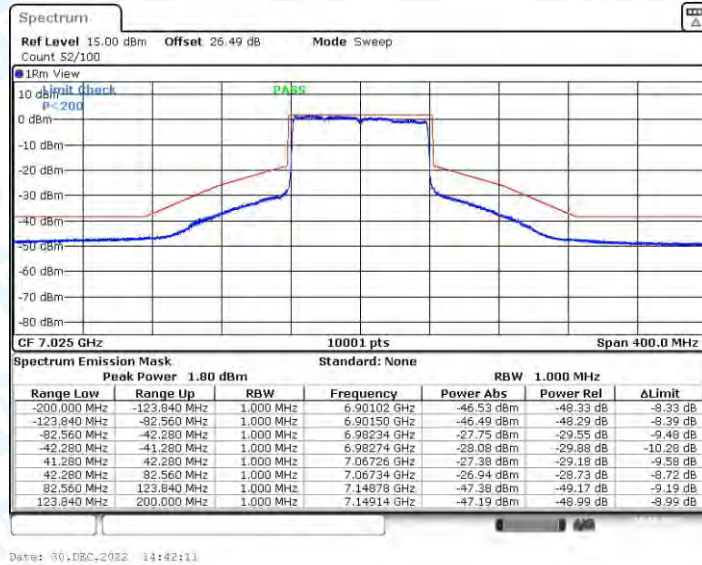


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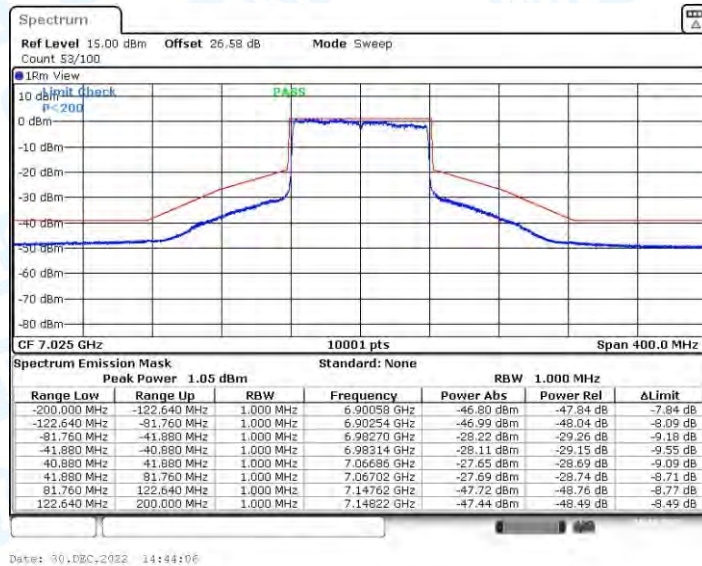


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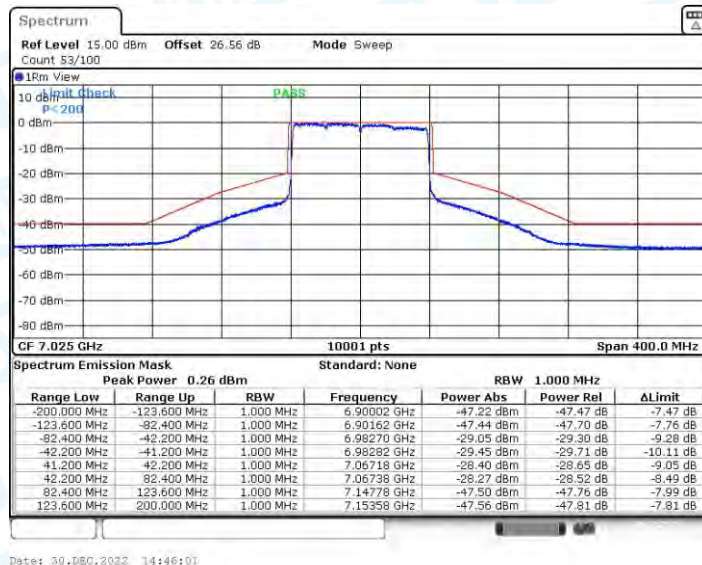




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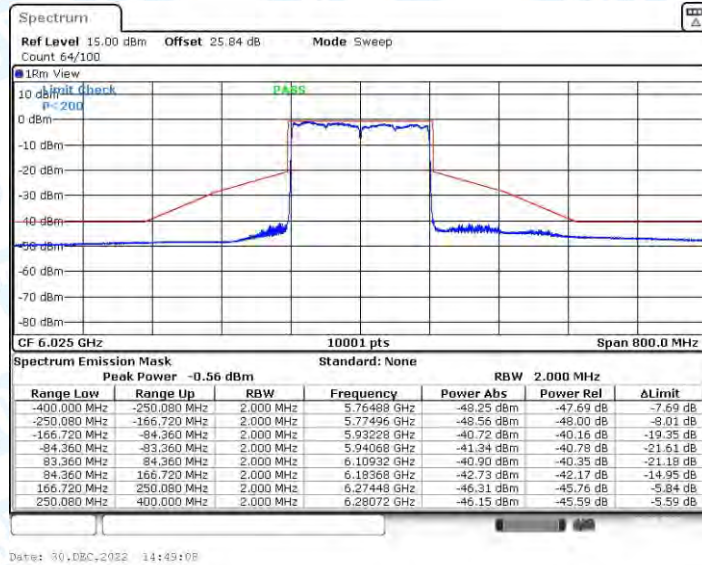


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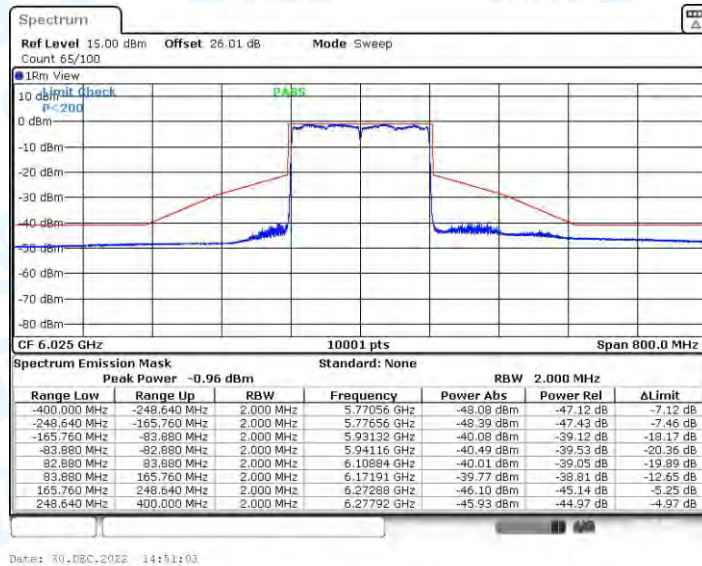


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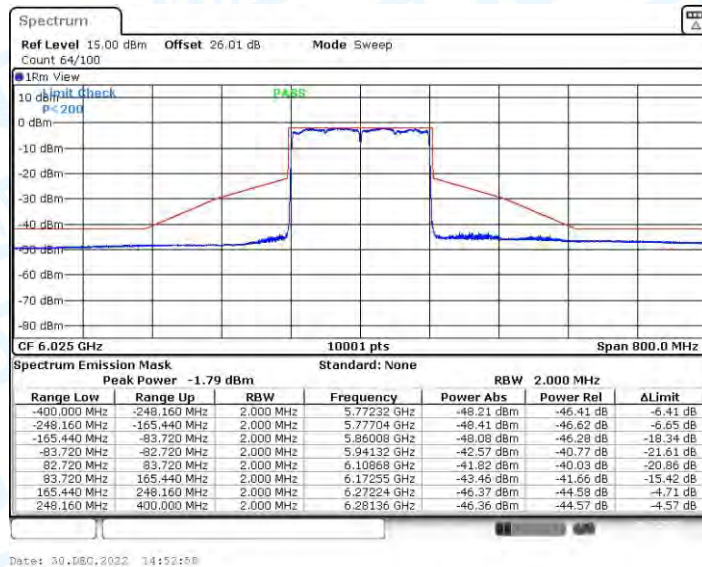




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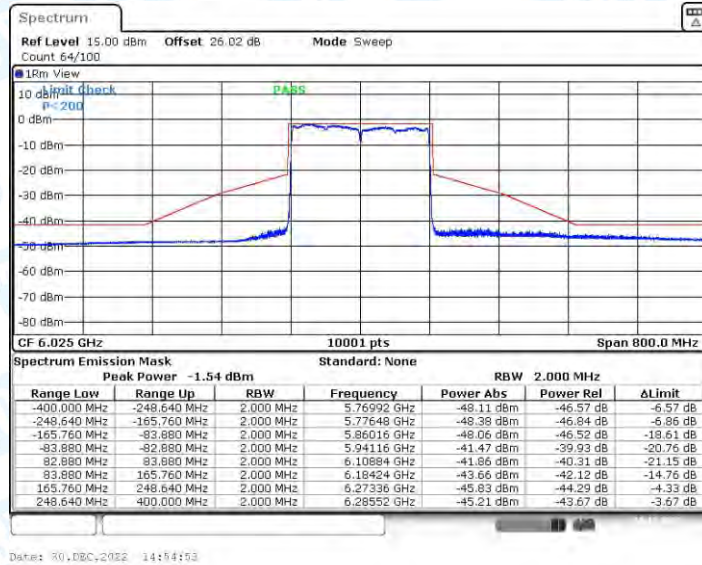


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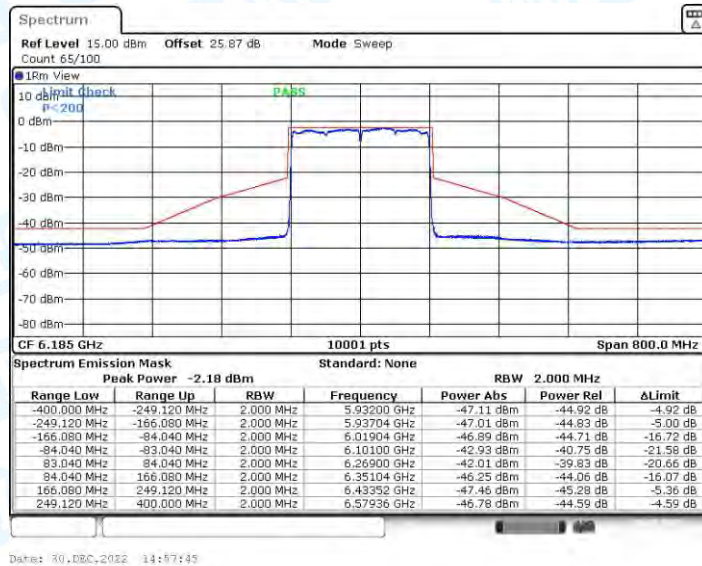


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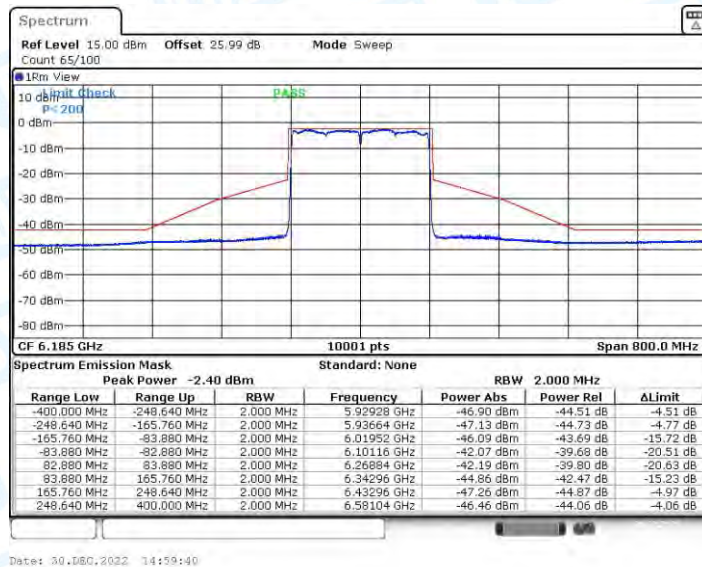




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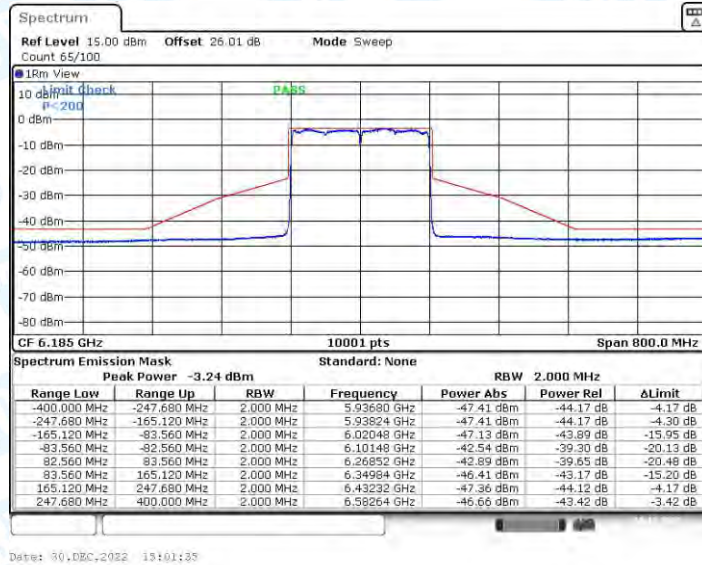


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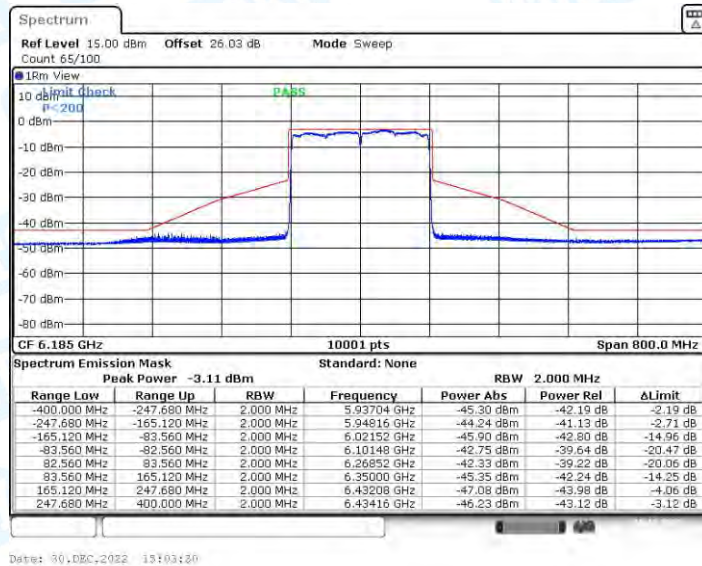


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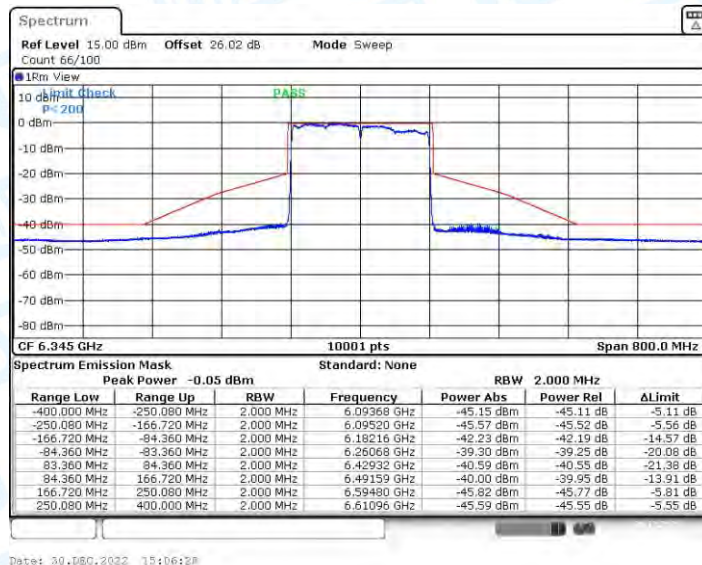




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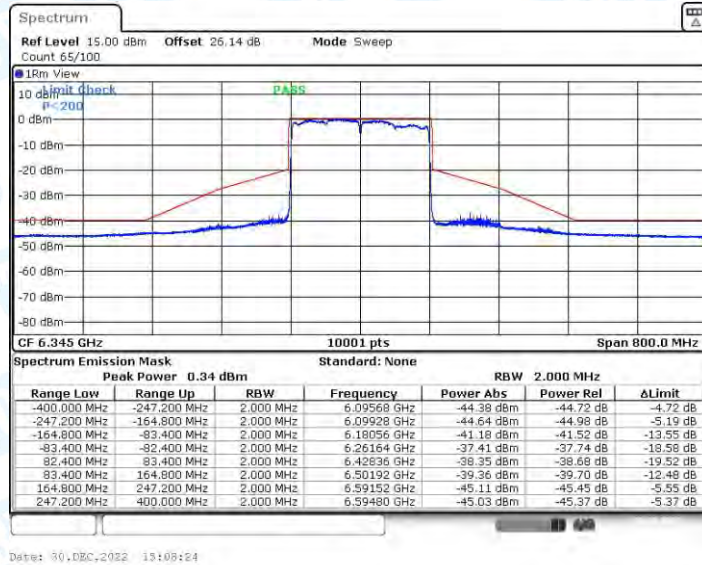


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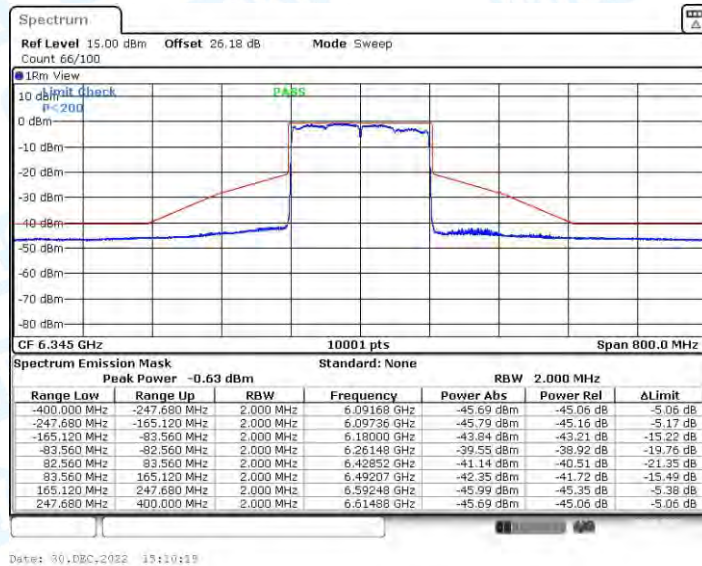


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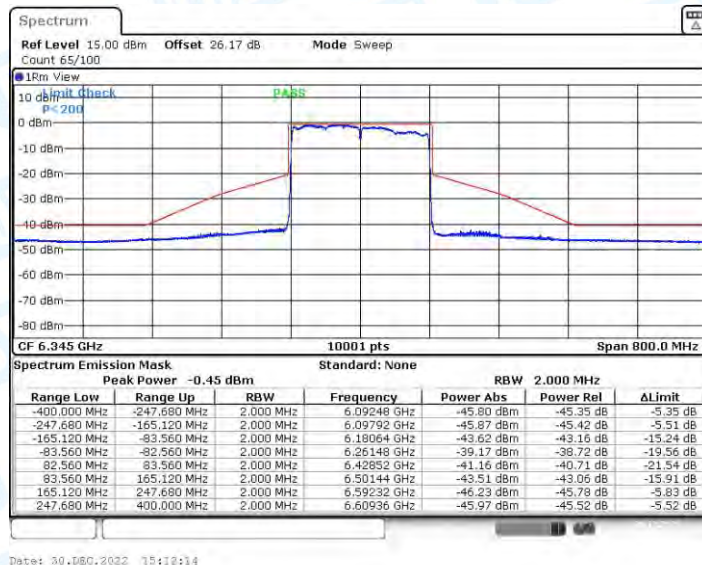




11AX160CDD_Ant3_6345

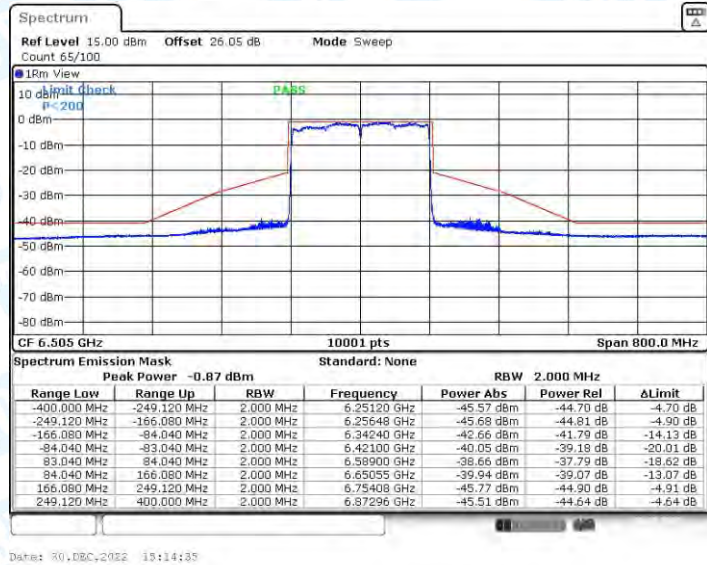


11AX160CDD_Ant4_6345

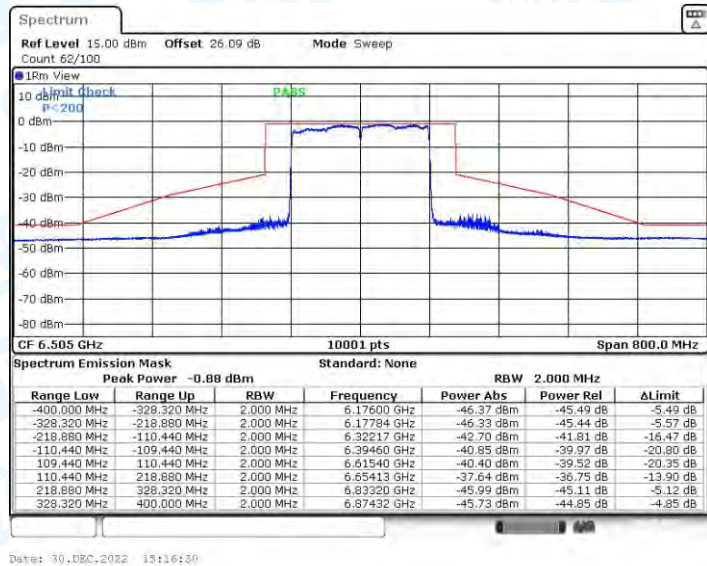


11AX160CDD_Ant1_6505

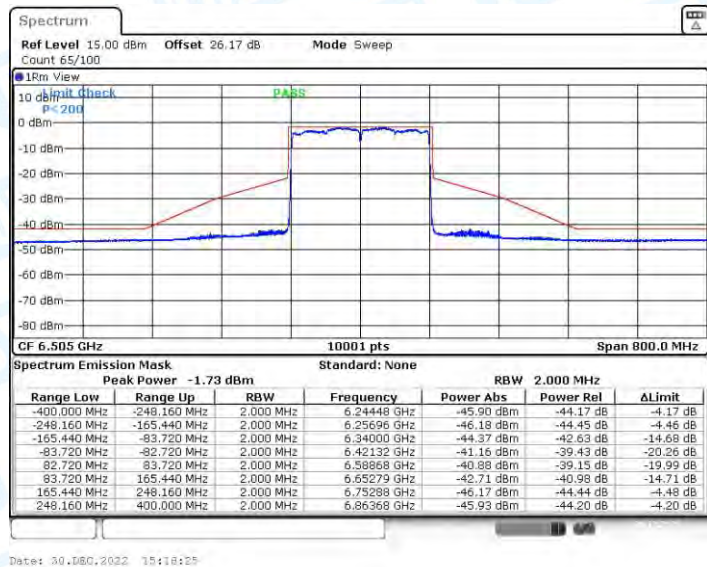




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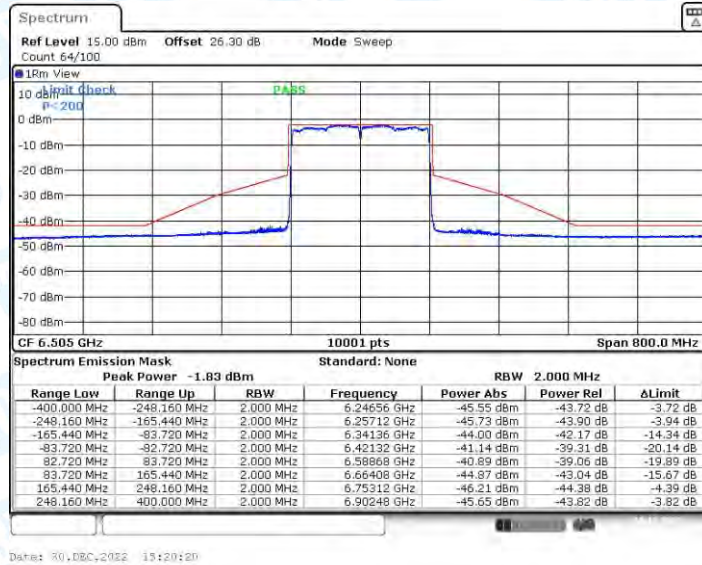


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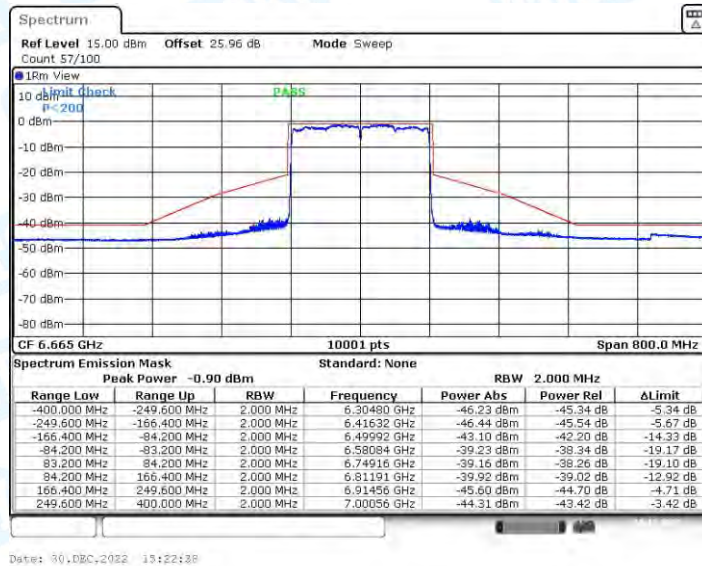


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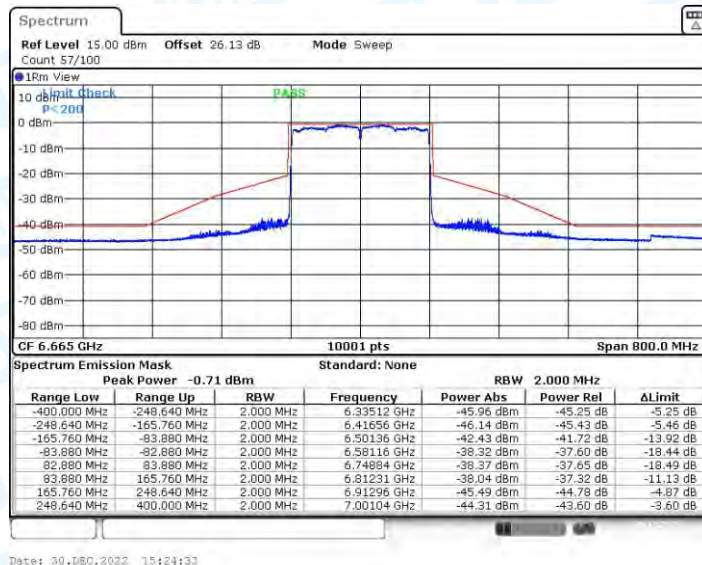




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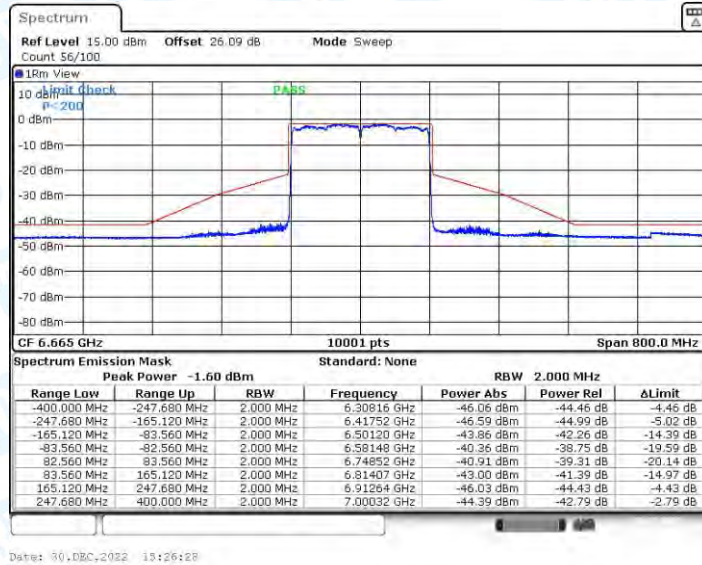


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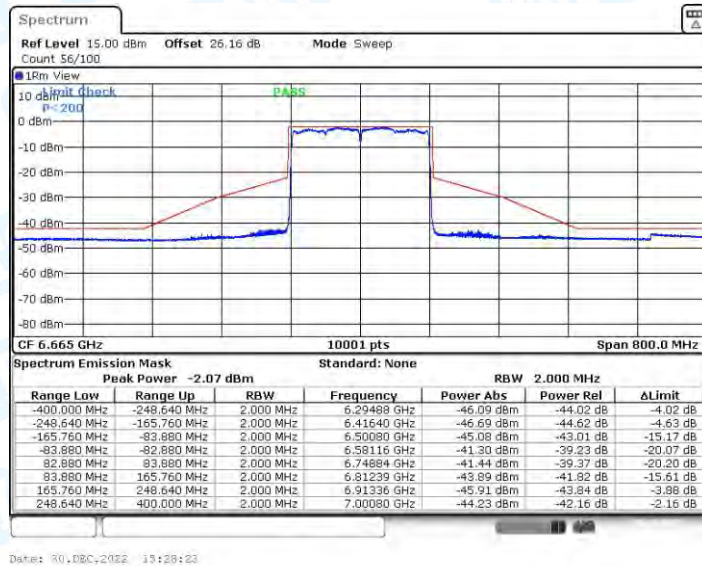


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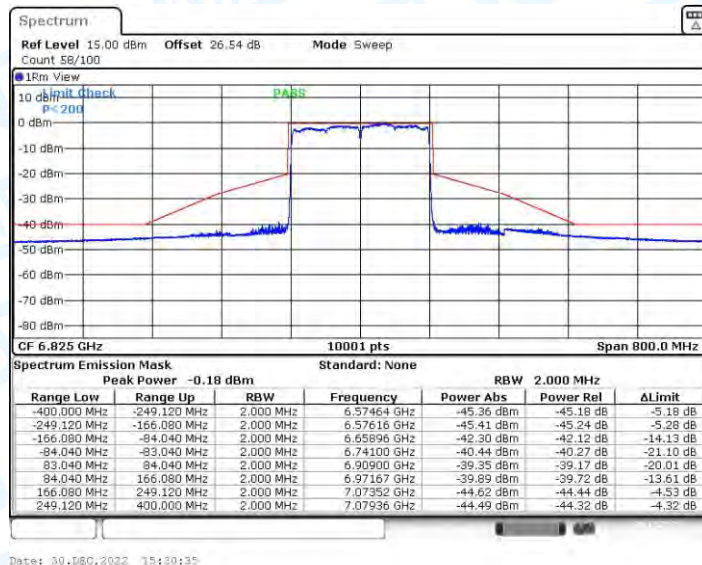




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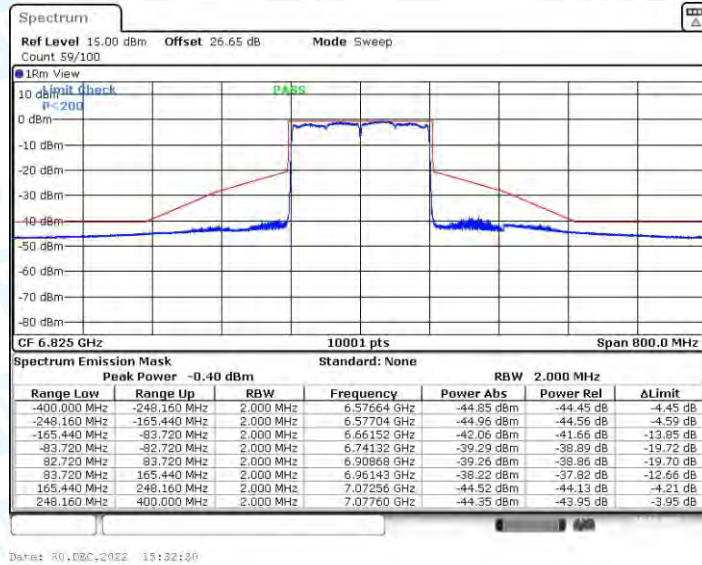


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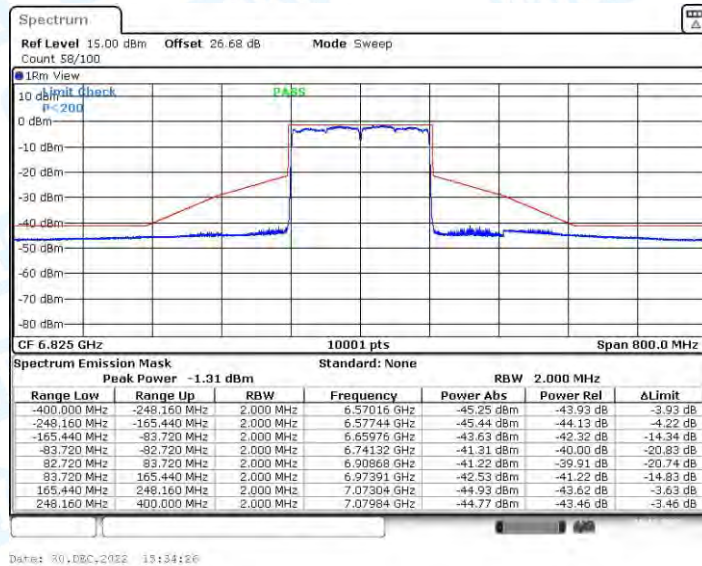


11AX160CDD_Ant2_6825

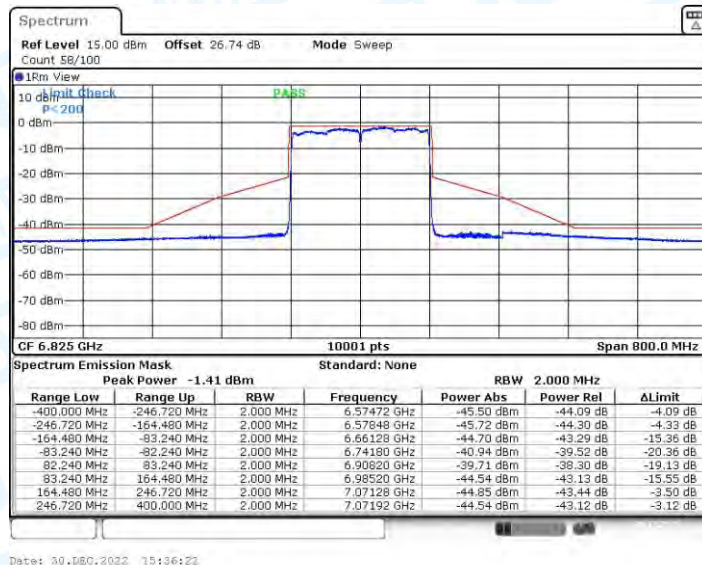




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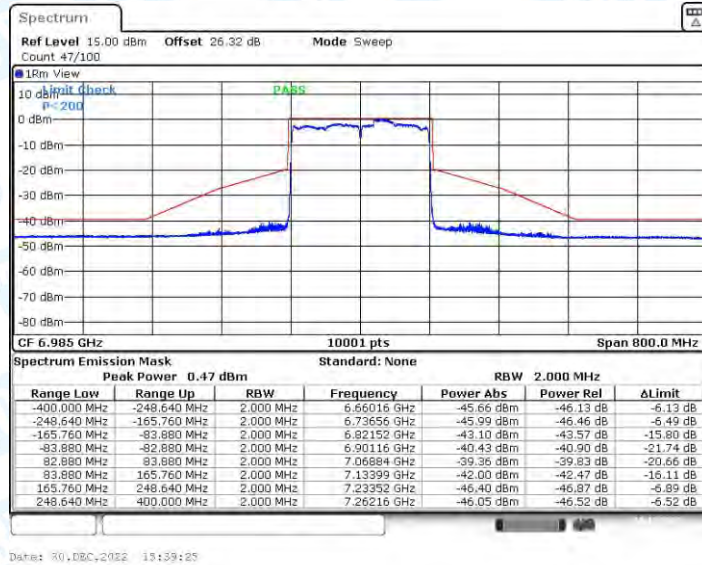


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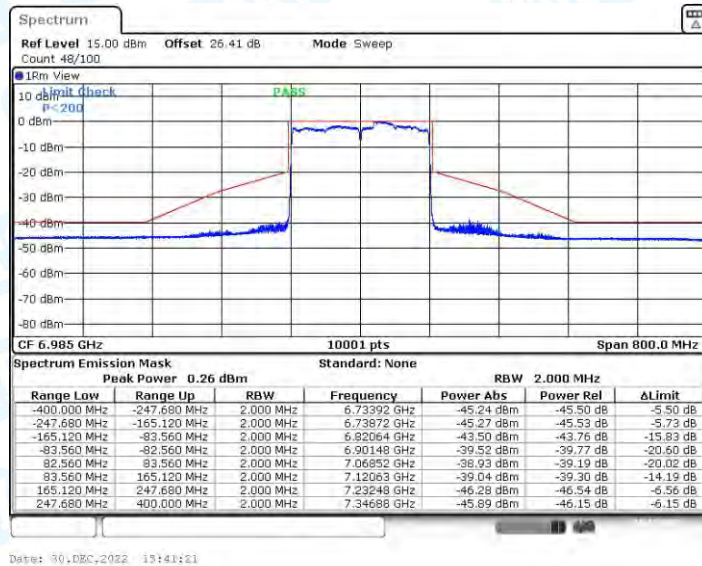


11AX160CDD_Ant1_6985

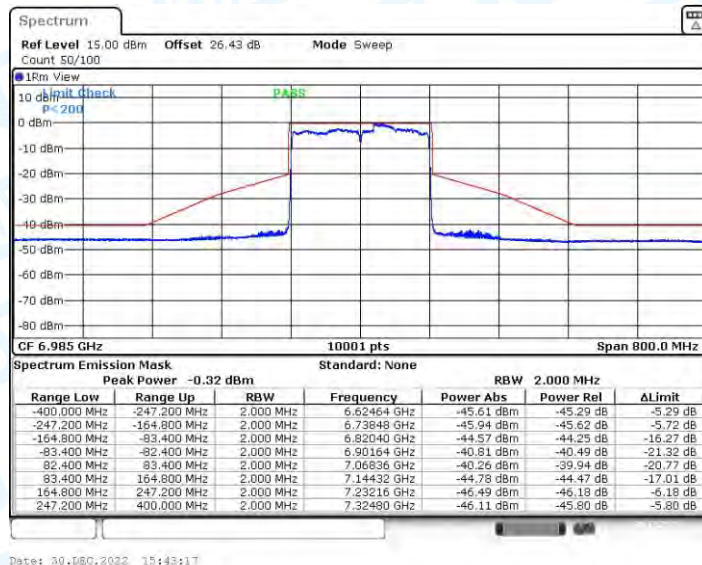




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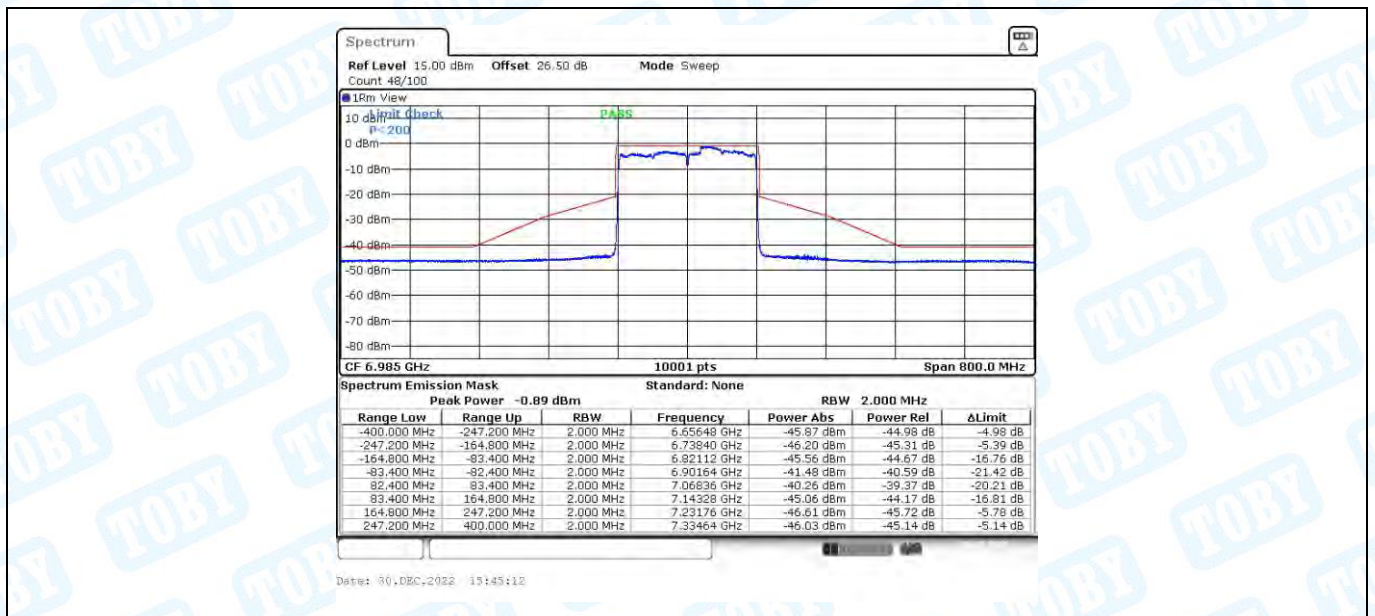


11AX160CDD_Ant3_6985



11AX160CDD_Ant4_6985





Attachment F--Contention-based Protocol

Contention Based Protocol Measurement											
Test Mode	Ant.	Channel	Interference Frequency [MHz]		Status	Injected Signal (AWGN) [dBm]	Gain [dBi]	Path Loss [dB]	Adjusted Power [dBm]	Detection Limit [dBm]	Verdict
11A	Ant1	5955	Center	5955	OFF	-63.50	4.54	0	-68.04	-62	PASS
			Center	5955	Minimal	-64.46	4.54	0	-69.00	---	---
			Center	5955	ON	-82.46	4.54	0	-87.00	---	---
		6435	Center	6435	OFF	-62.48	4.54	0	-67.02	-62	PASS
			Center	6435	Minimal	-63.44	4.54	0	-67.98	---	---
			Center	6435	ON	-82.46	4.54	0	-87.00	---	---
		6535	Center	6535	OFF	-61.28	4.54	0	-65.82	-62	PASS
			Center	6535	Minimal	-62.23	4.54	0	-66.77	---	---
			Center	6535	ON	-82.46	4.54	0	-87.00	---	---
		6895	Center	6895	OFF	-64.07	4.54	0	-68.61	-62	PASS
			Center	6895	Minimal	-68.56	4.54	0	-73.10	---	---
			Center	6895	ON	-82.46	4.54	0	-87.00	---	---
11AX 160	Ant1	6025	Low	5950	OFF	-61.87	4.54	0	-66.41	-62	PASS
			Low	5950	Minimal	-62.84	4.54	0	-67.38	---	---
			Low	5950	ON	-82.46	4.54	0	-87.00	---	---
			Center	6025	OFF	-60.43	4.54	0	-64.97	-62	PASS
			Center	6025	Minimal	-61.41	4.54	0	-65.95	---	---
			Center	6025	ON	-82.46	4.54	0	-87.00	---	---
			High	6100	OFF	-61.64	4.54	0	-66.18	-62	PASS
			High	6100	Minimal	-62.61	4.54	0	-67.15	---	---
			High	6100	ON	-82.46	4.54	0	-87.00	---	---
		6505	Low	6430	OFF	-59.21	4.54	0	-63.75	-62	PASS
			Low	6430	Minimal	-61.48	4.54	0	-66.02	---	---
			Low	6430	ON	-58.46	4.54	0	-63.00	---	---
			Center	6505	OFF	-59.91	4.54	0	-64.45	-62	PASS
			Center	6505	Minimal	-60.74	4.54	0	-65.28	---	---
			Center	6505	ON	-58.46	4.54	0	-63.00	---	---
			High	6580	OFF	-64.27	4.54	0	-68.81	-62	PASS
			High	6580	Minimal	-65.20	4.54	0	-69.74	---	---
			High	6580	ON	-82.46	4.54	0	-87.00	---	---
		6665	Low	6590	OFF	-62.47	4.54	0	-67.01	-62	PASS
			Low	6590	Minimal	-64.32	4.54	0	-68.86	---	---
			Low	6590	ON	-82.46	4.54	0	-87.00	---	---
			Center	6665	OFF	-57.96	4.54	0	-62.50	-62	PASS
			Center	6665	Minimal	-59.91	4.54	0	-64.45	---	---
			Center	6665	ON	-82.46	4.54	0	-87.00	---	---
			High	6740	OFF	-58.57	4.54	0	-63.11	-62	PASS
			High	6740	Minimal	-61.86	4.54	0	-66.40	---	---
			High	6740	ON	-57.46	4.54	0	-62.00	---	---
		6985	Low	6910	OFF	-58.20	4.54	0	-62.74	-62	PASS
			Low	6910	Minimal	-59.18	4.54	0	-63.72	---	---
			Low	6910	ON	-82.46	4.54	0	-87.00	---	---
			Center	6985	OFF	-57.73	4.54	0	-62.27	-62	PASS
			Center	6985	Minimal	-59.68	4.54	0	-64.22	---	---
			Center	6985	ON	-56.46	4.54	0	-61.00	---	---
			High	7060	OFF	-58.14	4.54	0	-62.68	-62	PASS
			High	7060	Minimal	-59.13	4.54	0	-63.67	---	---
			High	7060	ON	-57.46	4.54	0	-62.00	---	---

Note: Adjusted Power = Injected Signal (AWGN) Power - Antenna Gain + Path Loss
***Antenna gain values include all the applicable path losses. And the antenna gain used the min. gain for test.**

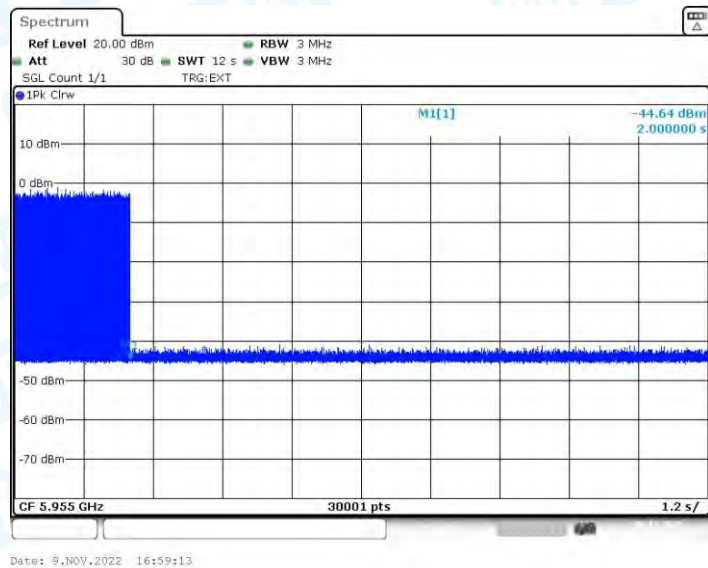
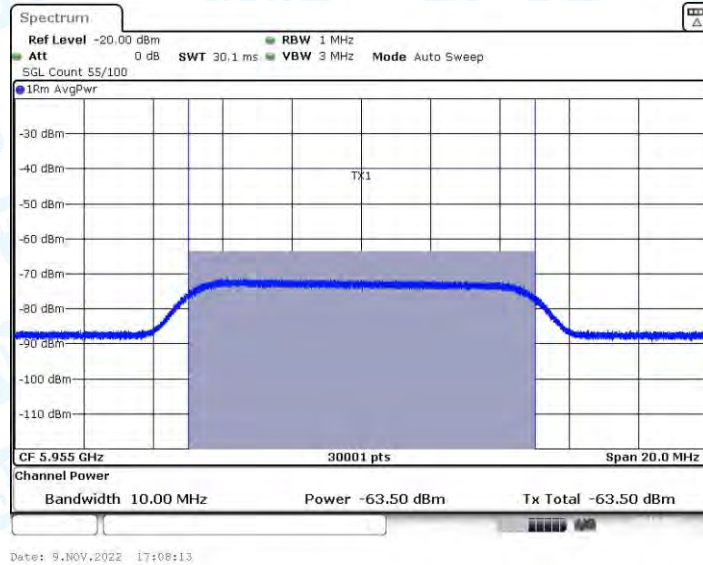


Contention Based Protocol Detection Probability																	
Test Mode	Ant.	Channel	Interference Frequency [MHz]	Status	Trial										Detection Probability [%]	Detection Limit [%]	Verdict
					1	2	3	4	5	6	7	8	9	10			
11A	Ant1	5955	Center	5955	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
		6435	Center	6435	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
		6535	Center	6535	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
		6895	Center	6895	OFF	V	V	V	V	V	V	V	X	V	90	90	PASS
11AX 160	Ant1	6025	High	5950	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Center	6025	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Low	6100	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
		6505	High	6430	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Center	6505	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Low	6580	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
		6665	High	6590	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Center	6665	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Low	6740	OFF	V	V	V	V	V	V	V	X	V	90	90	PASS
		6985	High	6910	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS
			Center	6985	OFF	V	V	X	V	V	V	V	V	V	90	90	PASS
			Low	7060	OFF	V	V	V	V	V	V	V	V	V	100	90	PASS

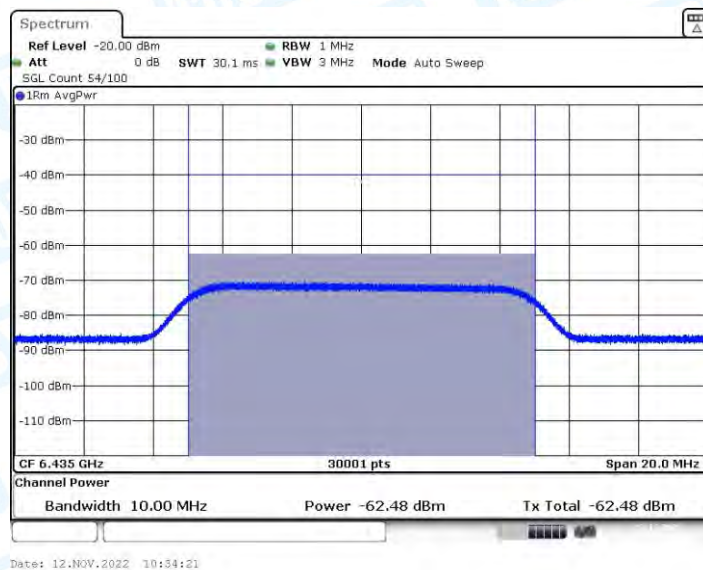
Note: "V"=PASS, "X"=FAIL

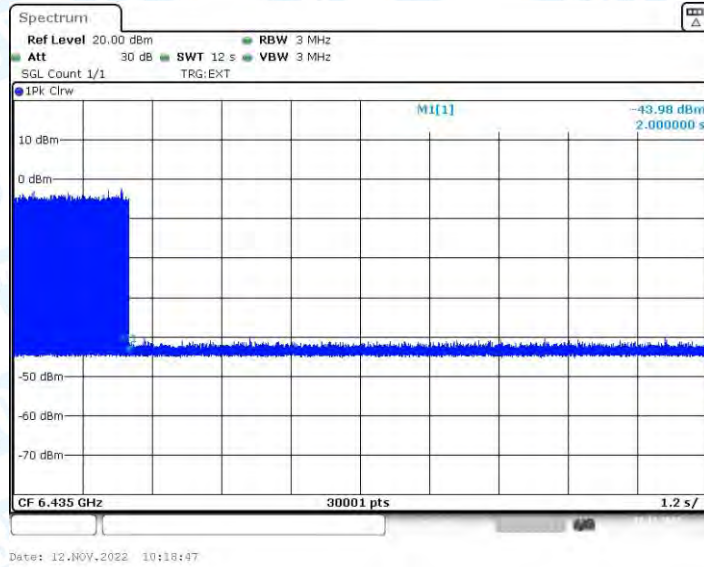


11A_Ant1_5955_Center_5955_OFF

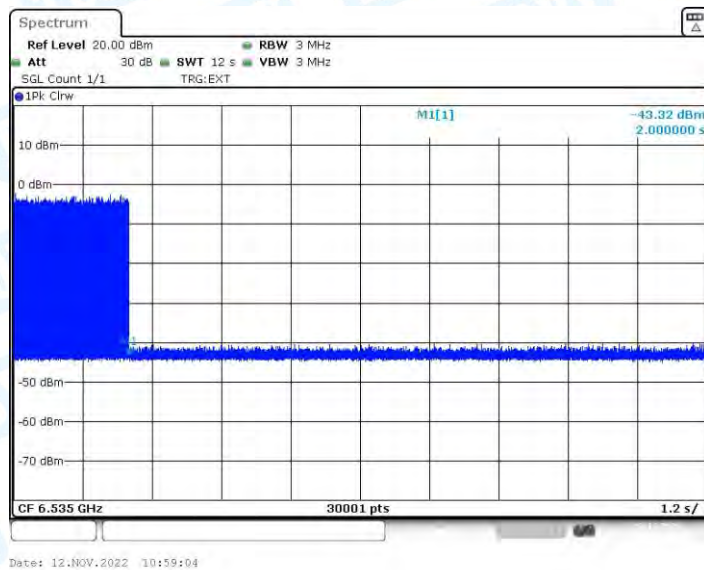
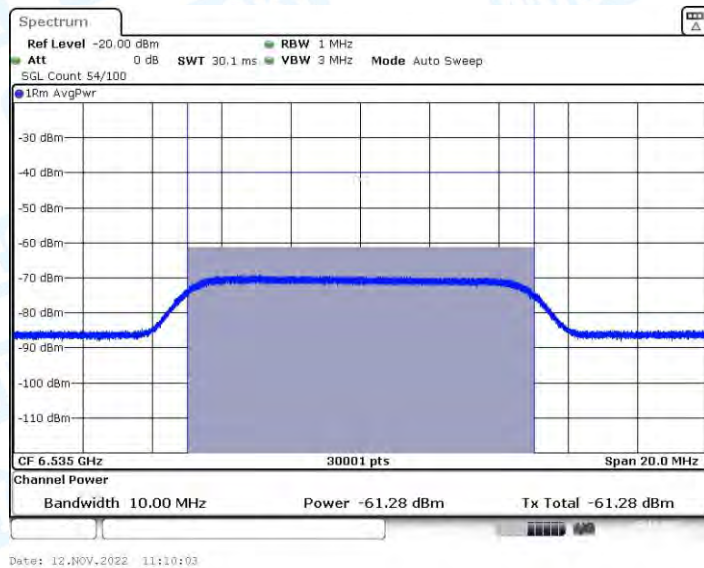


11A_Ant1_6435_Center_6435_OFF

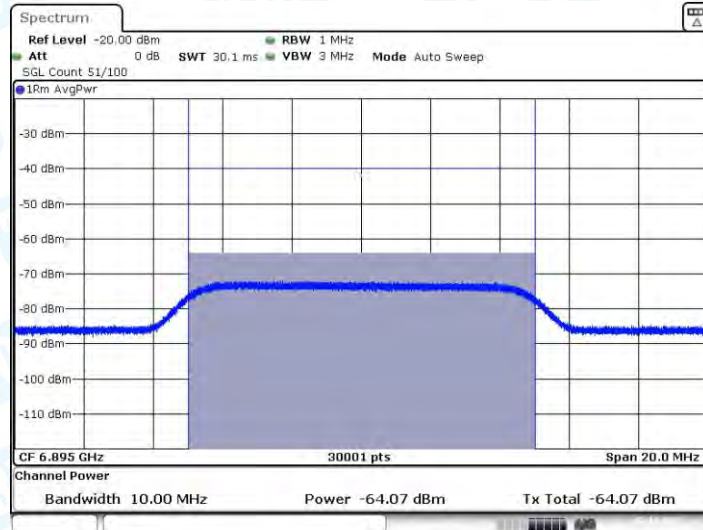




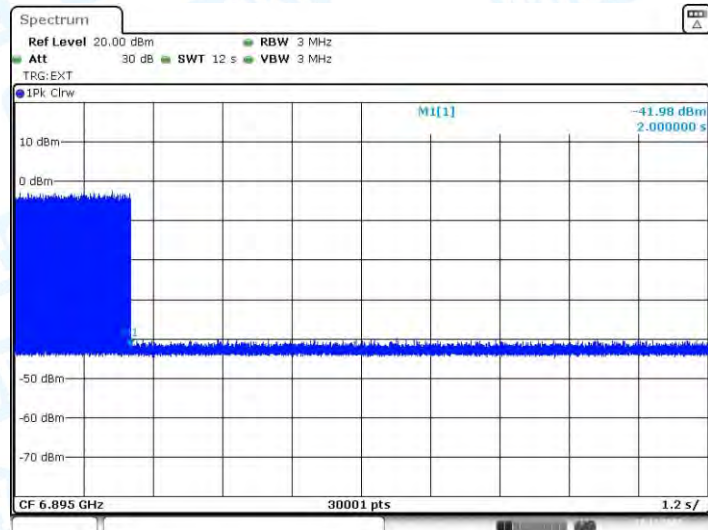
11A_Ant1_6535_Center_6535_OFF



11A_Ant1_6895_Center_6895_OFF

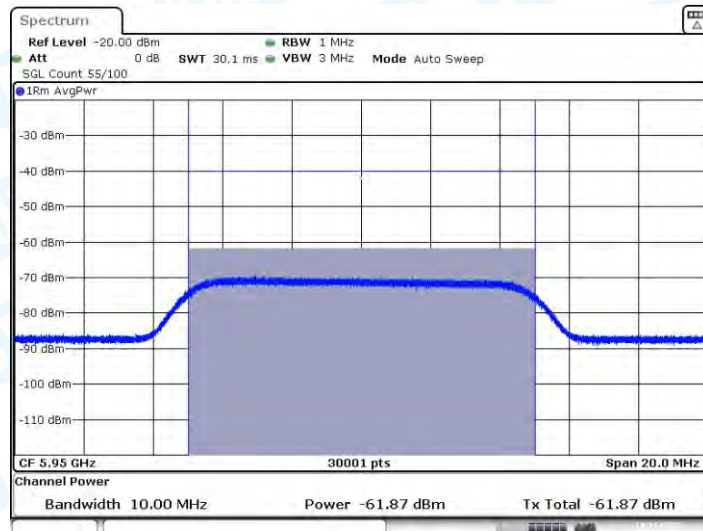


Date: 12.NOV.2022 11:59:04



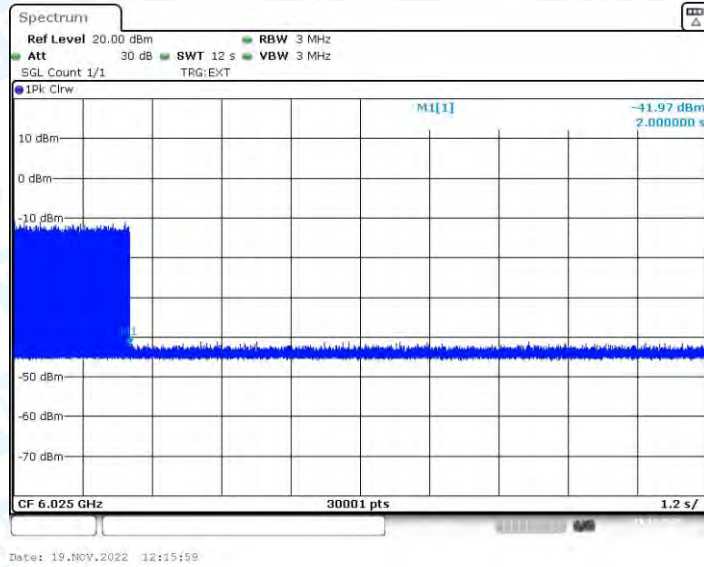
Date: 12.NOV.2022 11:28:48

11AX160_Ant1_6025_Center_5950_OFF

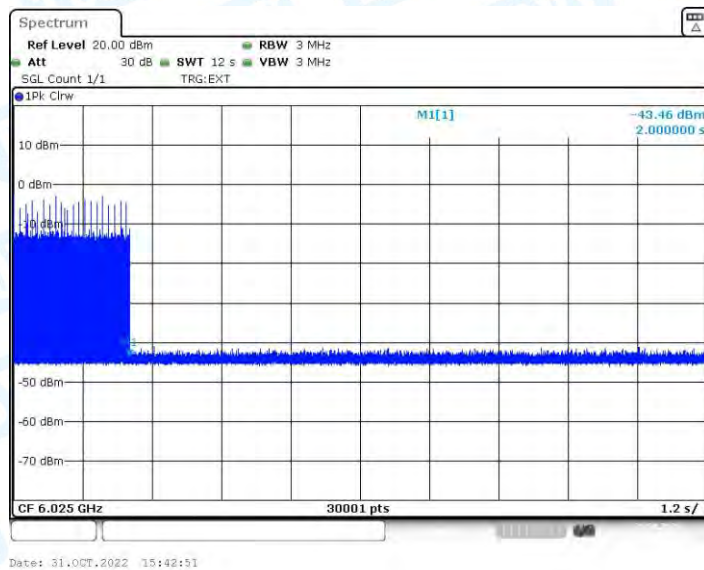
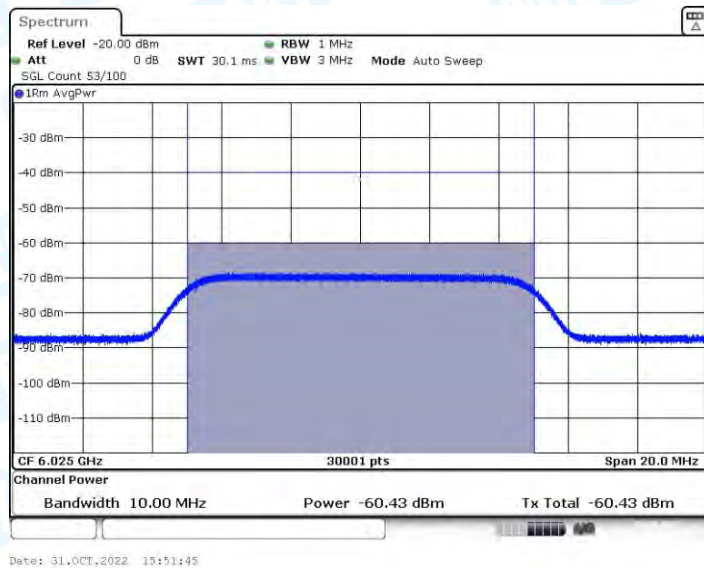


Date: 19.NOV.2022 12:26:05

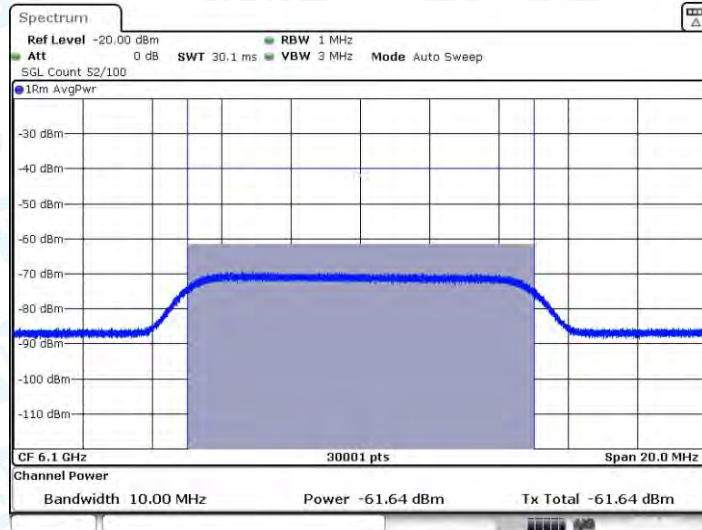




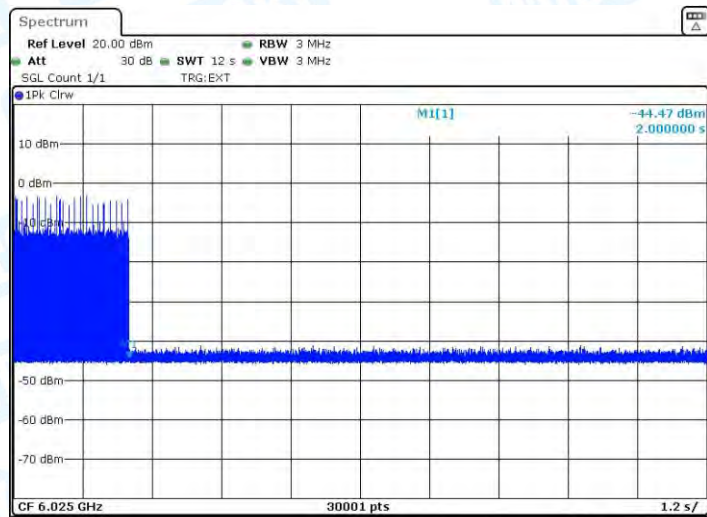
11AX160_Ant1_6025_Center_6025_OFF



11AX160_Ant1_6025_Low_6100_OFF

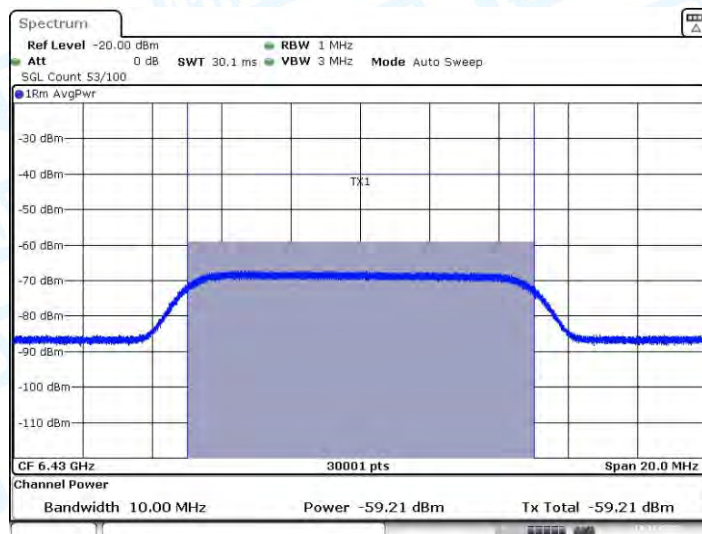


Date: 31.OCT.2022 16:18:26



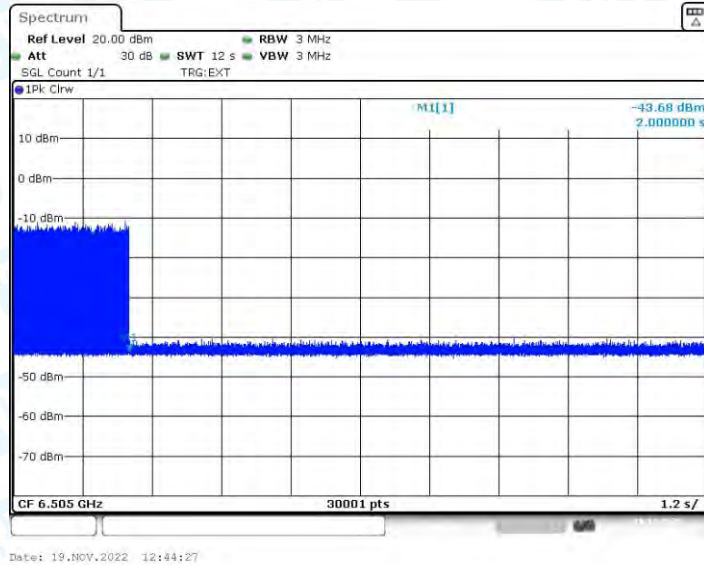
Date: 31.OCT.2022 16:01:16

11AX160_Ant1_6505_Center_6430_OFF

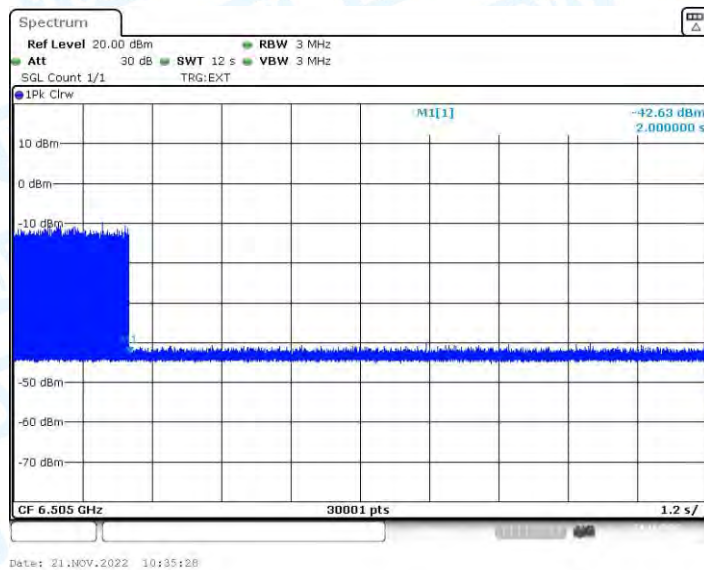
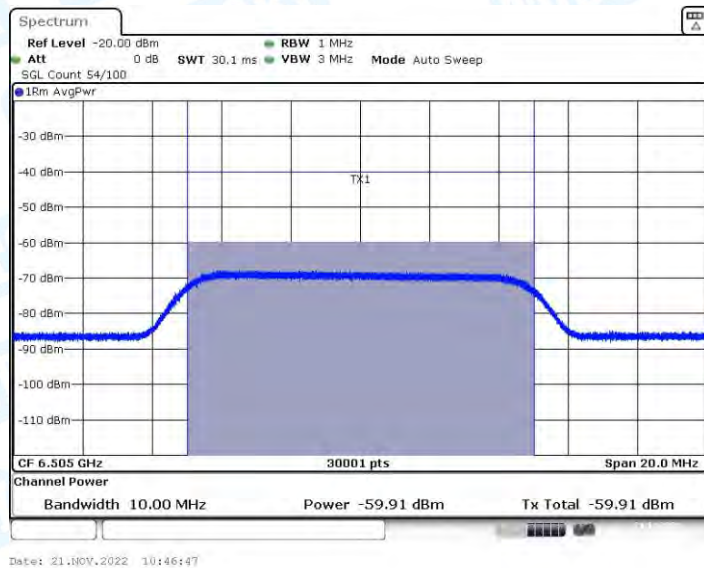


Date: 19.NOV.2022 12:16:11

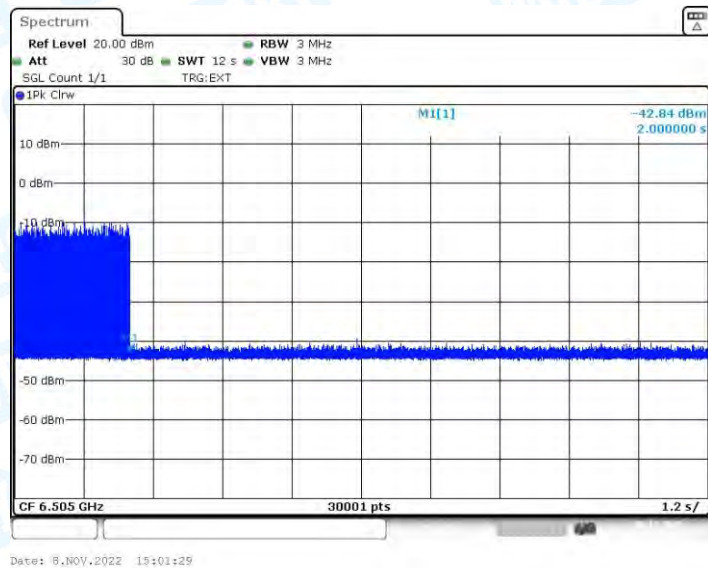
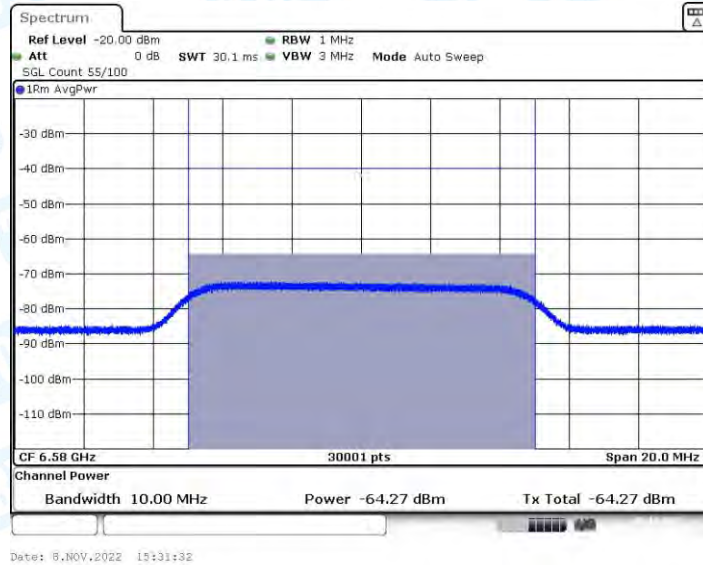




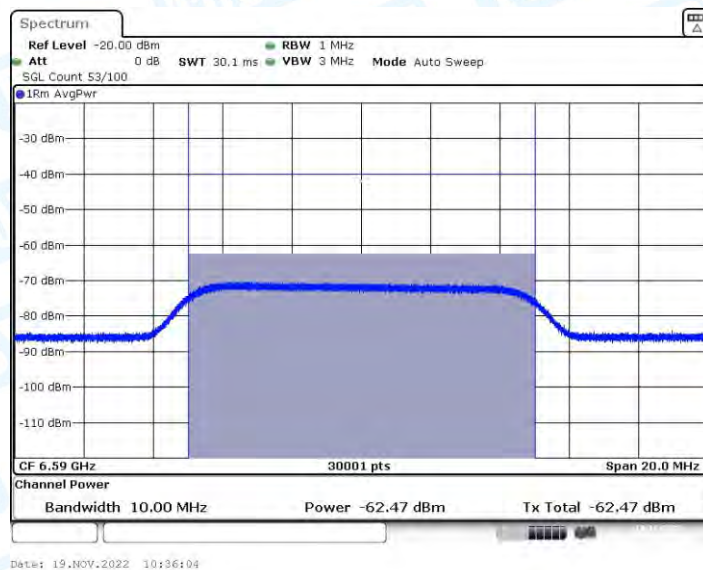
11AX160_Ant1_6505_Center_6505_OFF

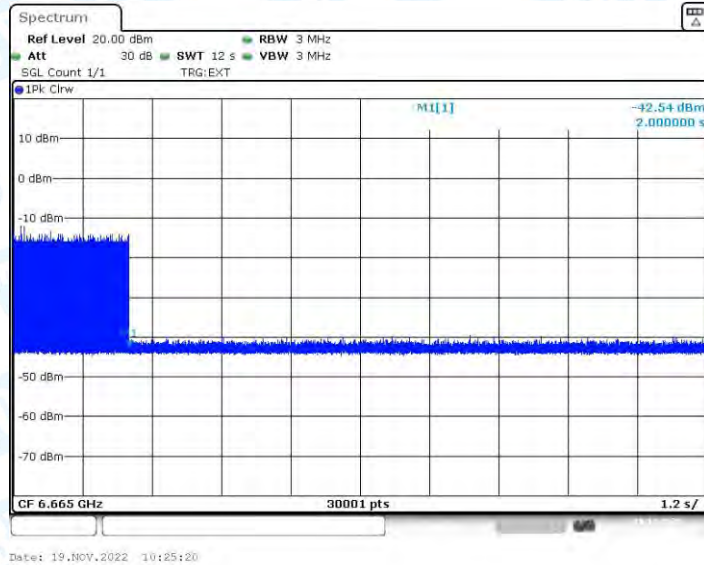


11AX160_Ant1_6505_Low_6580_OFF

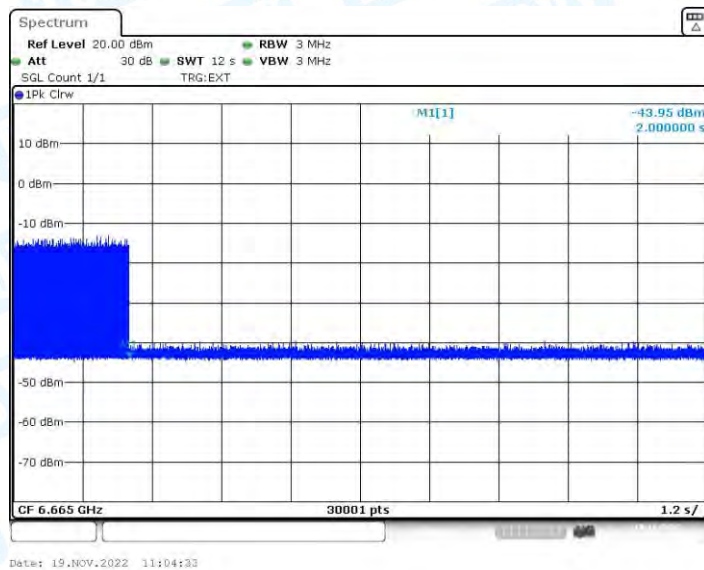
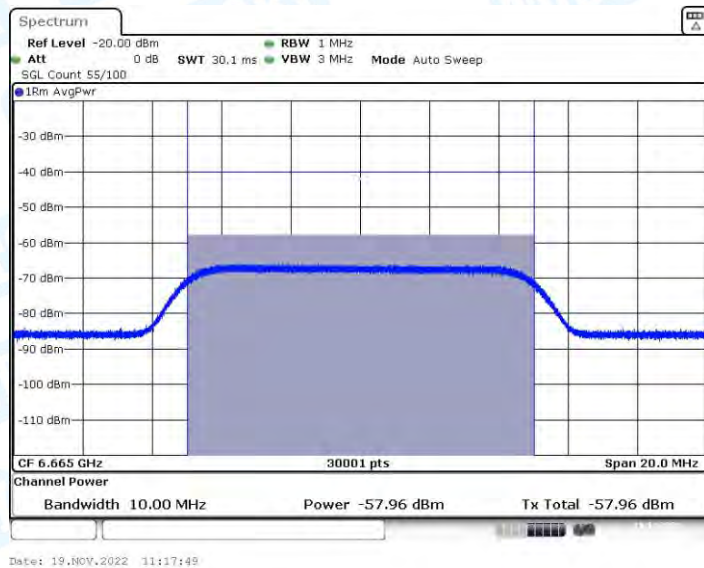


11AX160_Ant1_6665_High_6590_OFF

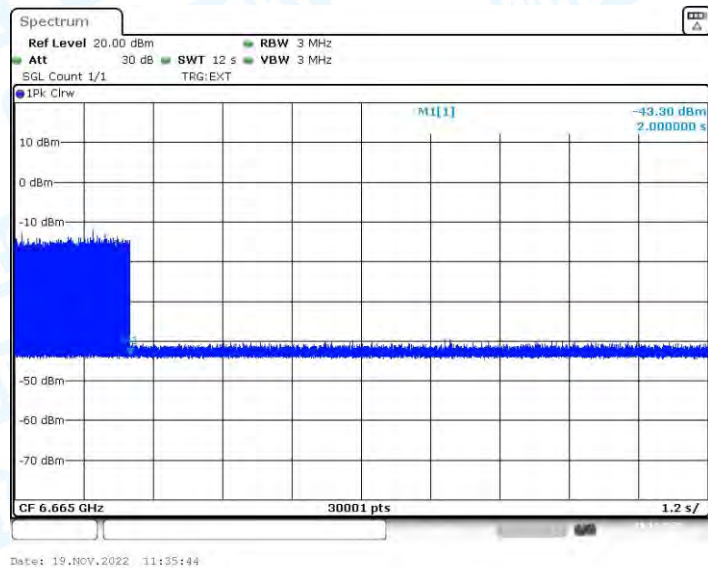
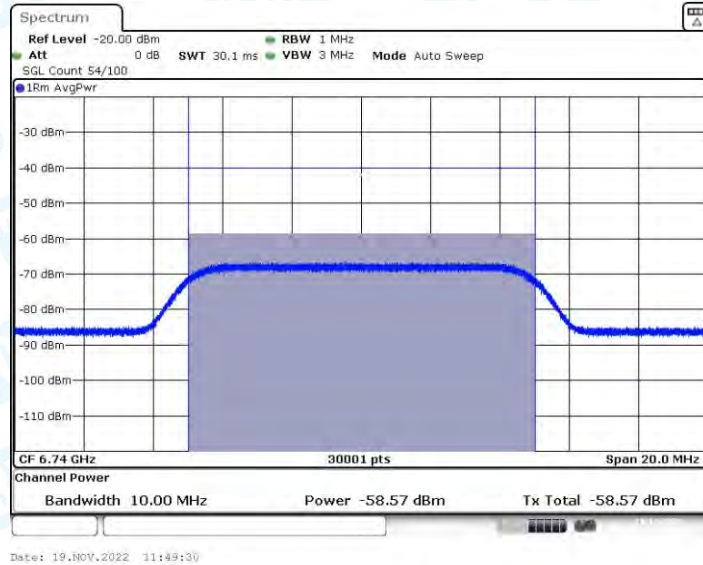




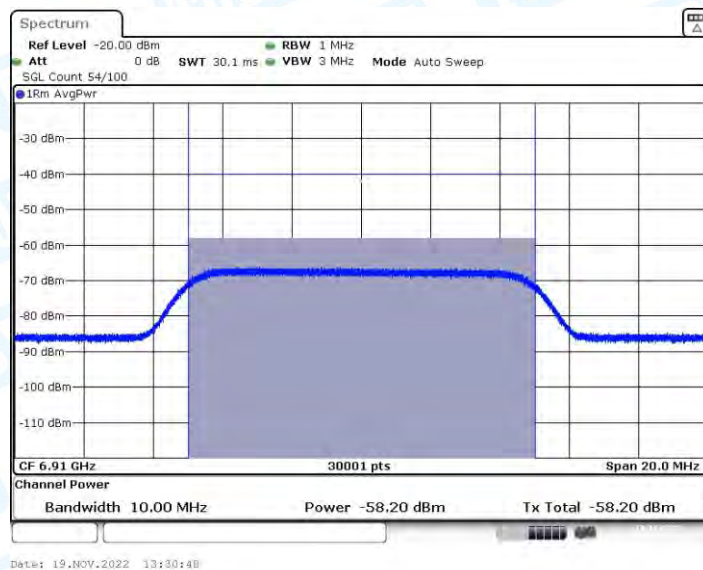
11AX160_Ant1_6665_Center_6665_OFF

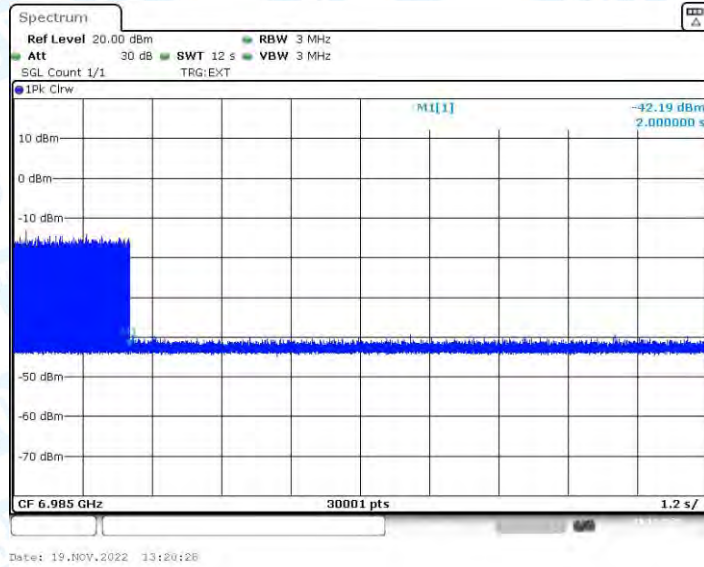


11AX160_Ant1_6665_Center_6740_OFF

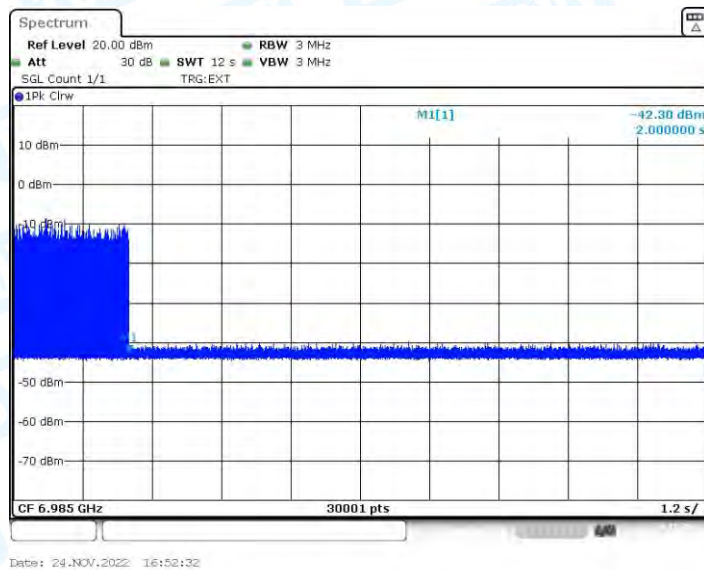
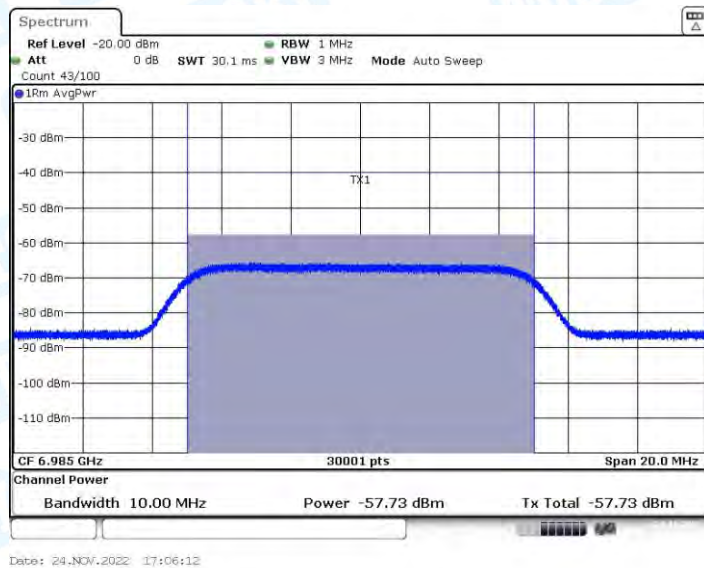


11AX160_Ant1_6985_High_6910_OFF

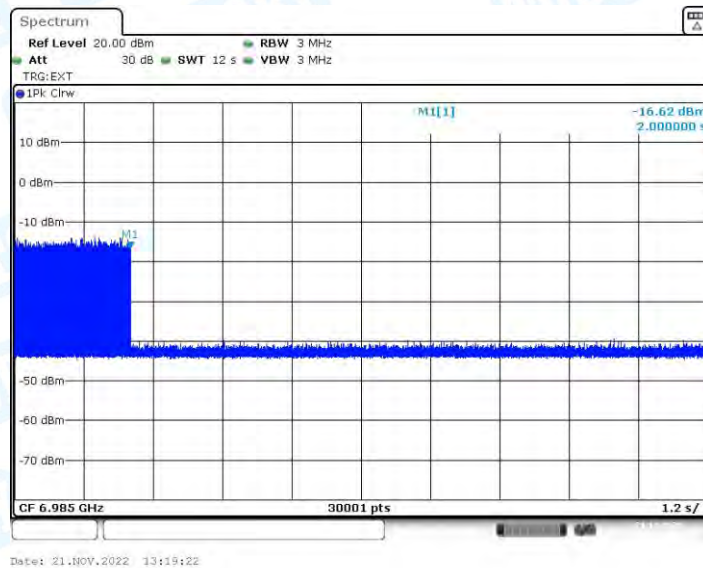
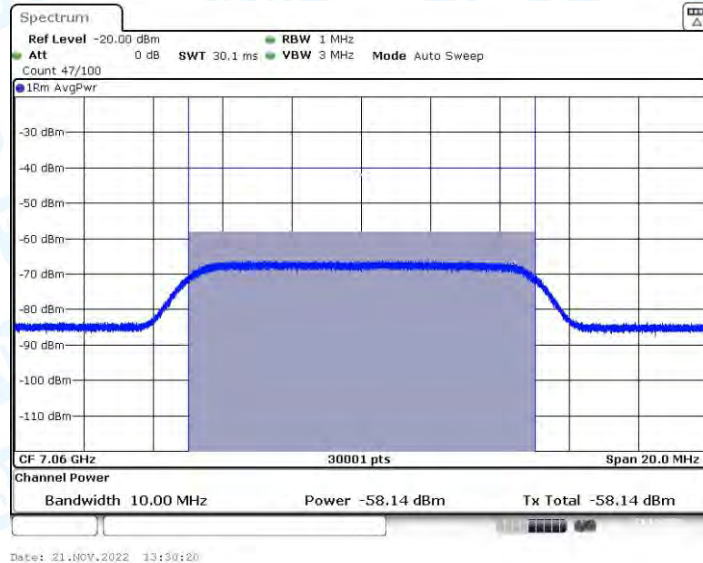




11AX160_Ant1_6985_Center_6985_OFF



11AX160_Ant1_6985_Center_7060_OFF



Attachment G--Frequency Stability

only show the worst data.

Test Mode	Antenna	Channel	Voltage					Verdict
			Voltage [Vac]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11A	Ant1	5955	102	20	40000.00	6.717045	20	PASS
			138	20	40000.00	6.717045	20	PASS
			120	20	60000.00	10.075567	20	PASS
		7095	102	20	60000.00	8.432888	20	PASS
			138	20	40000.00	5.621926	20	PASS
			120	20	60000.00	8.432888	20	PASS
11AX20	Ant1	5955	102	20	60000.00	10.075567	20	PASS
			138	20	60000.00	10.075567	20	PASS
			120	20	40000.00	6.717045	20	PASS
		7095	102	20	40000.00	5.621926	20	PASS
			138	20	40000.00	5.621926	20	PASS
			120	20	60000.00	8.432888	20	PASS
11AX40	Ant1	5965	102	20	40000.00	6.705784	20	PASS
			138	20	40000.00	6.705784	20	PASS
			120	20	40000.00	6.705784	20	PASS
		7085	102	20	40000.00	5.645730	20	PASS
			138	20	40000.00	5.645730	20	PASS
			120	20	40000.00	5.645730	20	PASS
11AX80	Ant1	5985	102	20	80000.00	13.366750	20	PASS
			138	20	0.00	0.000000	20	PASS
			120	20	80000.00	13.366750	20	PASS
		7025	102	20	80000.00	11.387900	20	PASS
			138	20	80000.00	11.387900	20	PASS
			120	20	80000.00	11.387900	20	PASS
11AX160	Ant1	6025	102	20	0.00	0.000000	20	PASS
			138	20	0.00	0.000000	20	PASS
			120	20	0.00	0.000000	20	PASS
		6985	102	20	0.00	0.000000	20	PASS
			138	20	0.00	0.000000	20	PASS
			120	20	0.00	0.000000	20	PASS



Temperature								
TestMode	Antenna	Channel	Voltage [Vac]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5955	120	5	40000.00	6.717045	20	PASS
			120	10	40000.00	6.717045	20	PASS
			120	20	40000.00	6.717045	20	PASS
			120	30	60000.00	10.075567	20	PASS
			120	40	40000.00	6.717045	20	PASS
		7095	120	5	40000.00	5.621926	20	PASS
			120	10	60000.00	8.432888	20	PASS
			120	20	40000.00	5.621926	20	PASS
			120	30	40000.00	5.621926	20	PASS
			120	40	60000.00	8.432888	20	PASS
11AX20	Ant1	5955	120	5	40000.00	6.717045	20	PASS
			120	10	40000.00	6.717045	20	PASS
			120	20	40000.00	6.717045	20	PASS
			120	30	40000.00	6.717045	20	PASS
			120	40	40000.00	6.717045	20	PASS
		7095	120	5	60000.00	8.432888	20	PASS
			120	10	60000.00	8.432888	20	PASS
			120	20	40000.00	5.621926	20	PASS
			120	30	60000.00	8.432888	20	PASS
			120	40	40000.00	5.621926	20	PASS
11AX40	Ant1	5965	120	5	0.00	0.000000	20	PASS
			120	10	40000.00	6.705784	20	PASS
			120	20	40000.00	6.705784	20	PASS
			120	30	0.00	0.000000	20	PASS
			120	40	40000.00	6.705784	20	PASS
		7085	120	5	40000.00	5.645730	20	PASS
			120	10	40000.00	5.645730	20	PASS
			120	20	0.00	0.000000	20	PASS
			120	30	40000.00	5.645730	20	PASS
			120	40	40000.00	5.645730	20	PASS
11AX80	Ant1	5985	120	5	80000.00	13.366750	20	PASS
			120	10	80000.00	13.366750	20	PASS
			120	20	80000.00	13.366750	20	PASS
			120	30	80000.00	13.366750	20	PASS
			120	40	80000.00	13.366750	20	PASS
		7025	120	5	80000.00	11.387900	20	PASS
			120	10	80000.00	11.387900	20	PASS
			120	20	80000.00	11.387900	20	PASS
			120	30	80000.00	11.387900	20	PASS
			120	40	80000.00	11.387900	20	PASS
11AX160	Ant1	6025	120	5	0.00	0.000000	20	PASS
			120	10	0.00	0.000000	20	PASS
			120	20	0.00	0.000000	20	PASS
			120	30	0.00	0.000000	20	PASS
			120	40	0.00	0.000000	20	PASS
		6985	120	5	0.00	0.000000	20	PASS
			120	10	0.00	0.000000	20	PASS
			120	20	0.00	0.000000	20	PASS
			120	30	0.00	0.000000	20	PASS
			120	40	0.00	0.000000	20	PASS

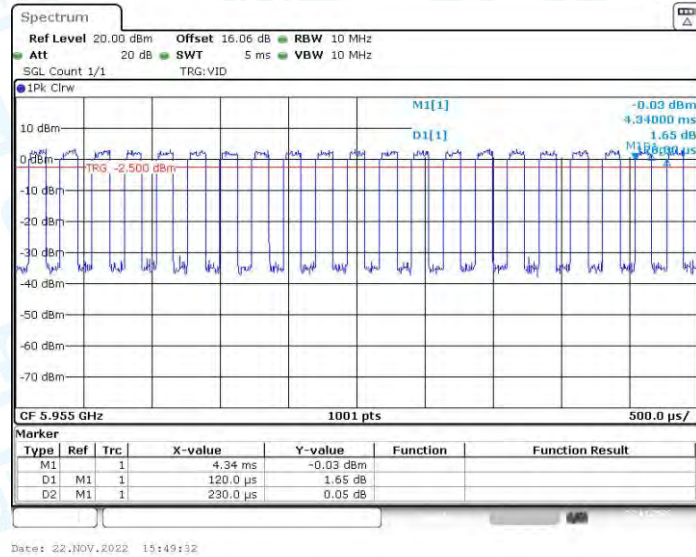


Attachment H-- Duty Cycle

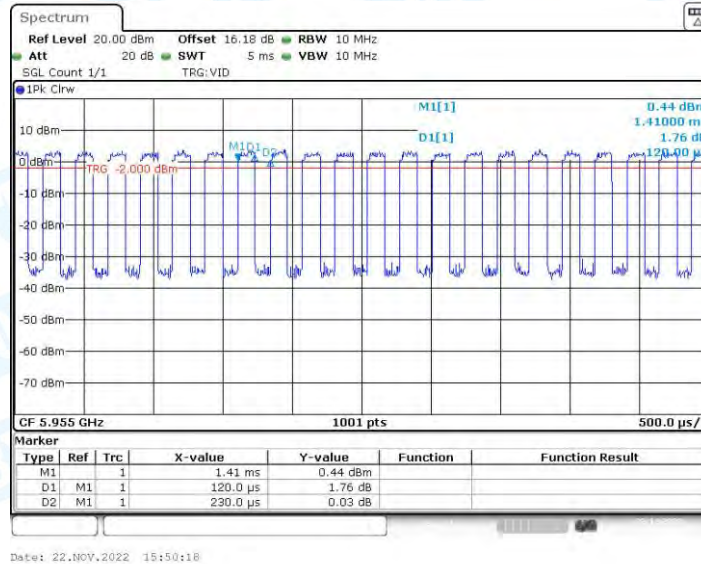
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T VBW(KHz)	Verdict
11A-CDD	Ant1	5955	0.12	0.23	52.17	8.33	---
	Ant2	5955	0.12	0.23	52.17	8.33	---
	Ant3	5955	0.12	0.23	52.17	8.33	---
	Ant4	5955	0.13	0.24	54.17	7.69	---
11AX20-CDD	Ant1	5955	0.32	0.35	91.43	3.13	---
	Ant2	5955	0.32	0.35	91.43	3.13	---
	Ant3	5955	0.32	0.35	91.43	3.13	---
	Ant4	5955	0.32	0.35	91.43	3.13	---
11AX40-CDD	Ant1	5965	0.31	0.34	91.18	3.23	---
	Ant2	5965	0.30	0.33	90.91	3.33	---
	Ant3	5965	0.30	0.33	90.91	3.33	---
	Ant4	5965	0.31	0.34	91.18	3.23	---
11AX80-CDD	Ant1	5985	0.30	0.33	90.91	3.33	---
	Ant2	5985	0.30	0.33	90.91	3.33	---
	Ant3	5985	0.30	0.33	90.91	3.33	---
	Ant4	5985	0.29	0.32	90.63	3.45	---
11AX160-CDD	Ant1	6025	0.45	0.48	93.75	2.22	---
	Ant2	6025	0.44	0.47	93.62	2.27	---
	Ant3	6025	0.44	0.47	93.62	2.27	---
	Ant4	6025	0.45	0.48	93.75	2.22	---



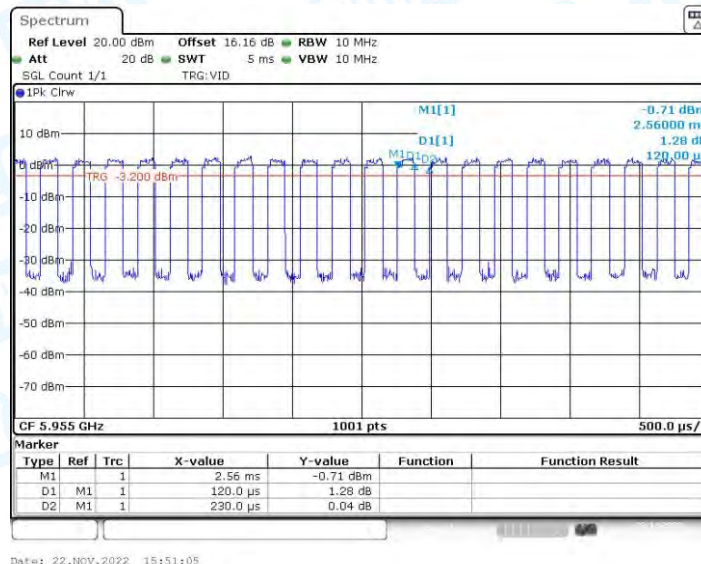
11A-CDD_Ant1_5955



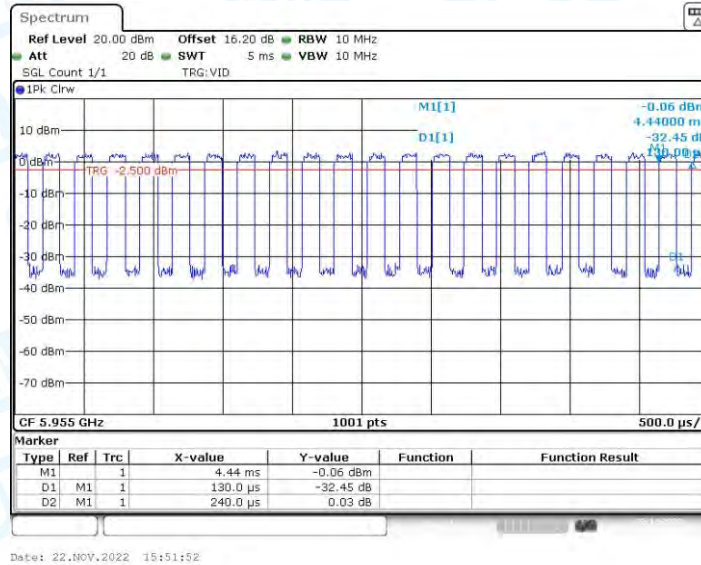
11A-CDD_Ant2_5955



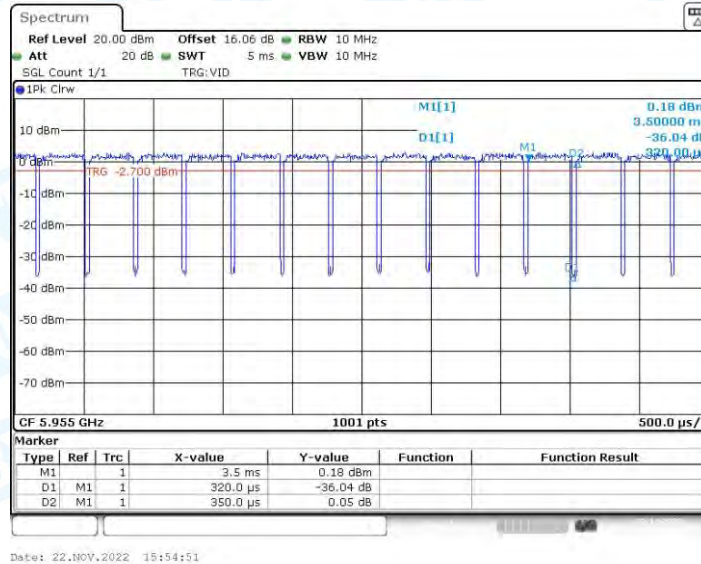
11A-CDD_Ant3_5955



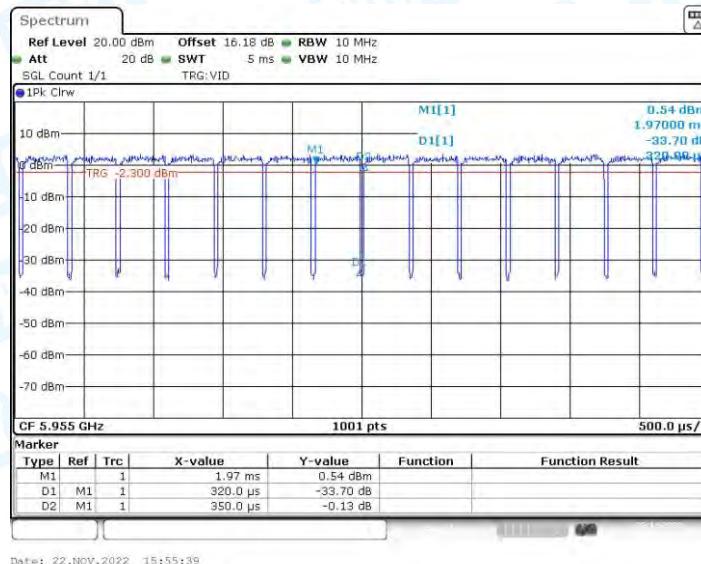
11A-CDD_Ant4_5955



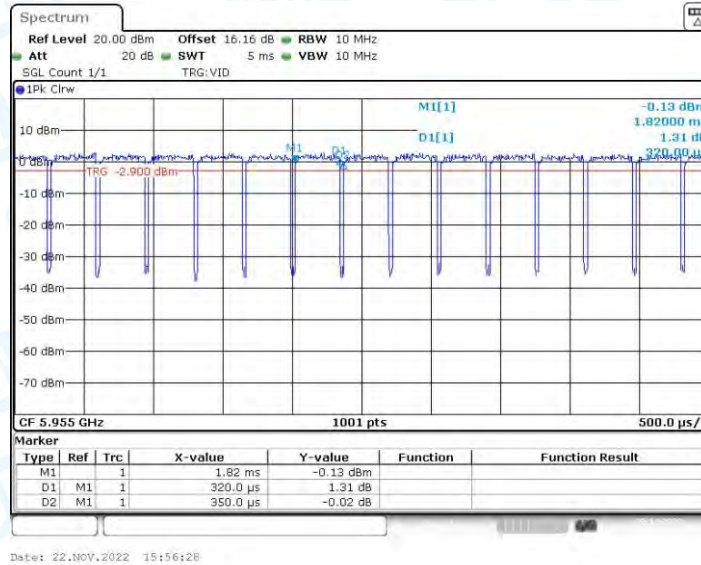
11AX20-CDD_Ant1_5955



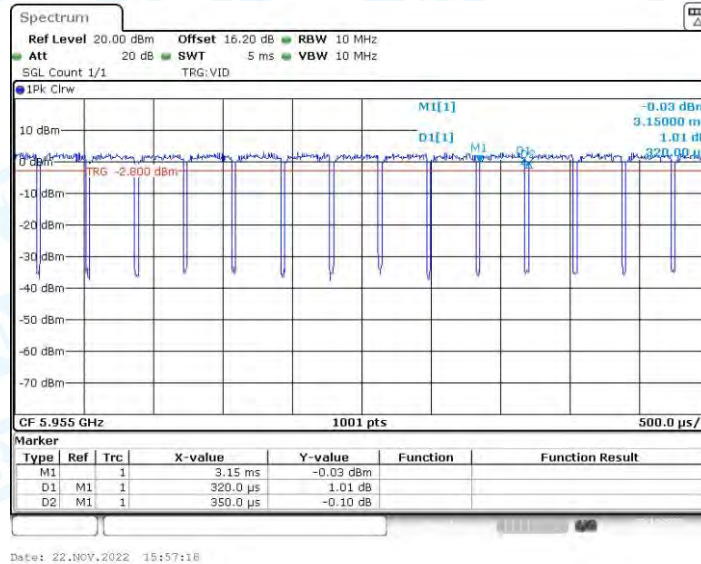
11AX20-CDD_Ant2_5955



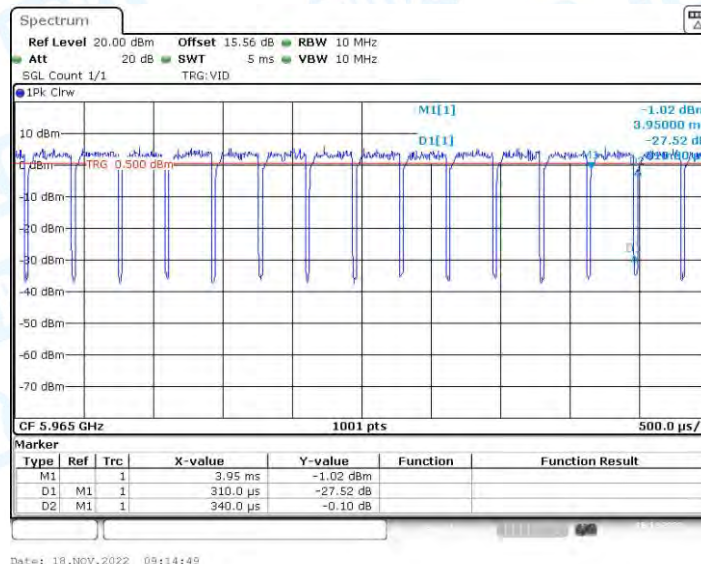
11AX20-CDD_Ant3_5955



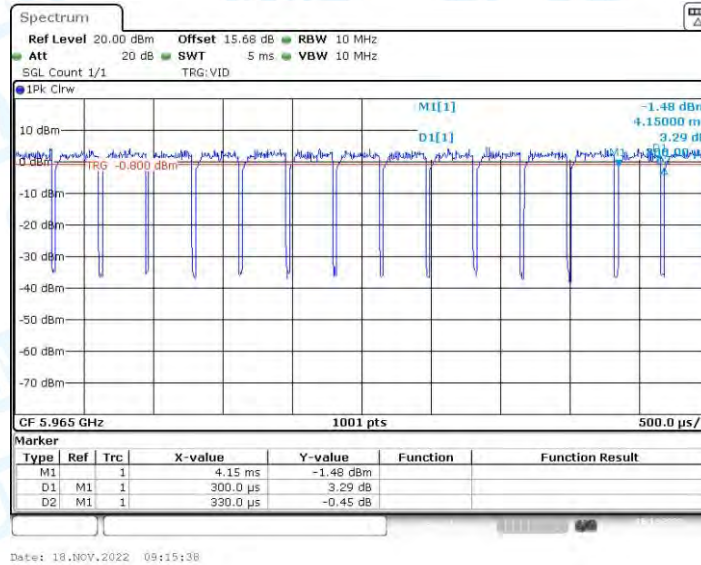
11AX20-CDD_Ant4_5955



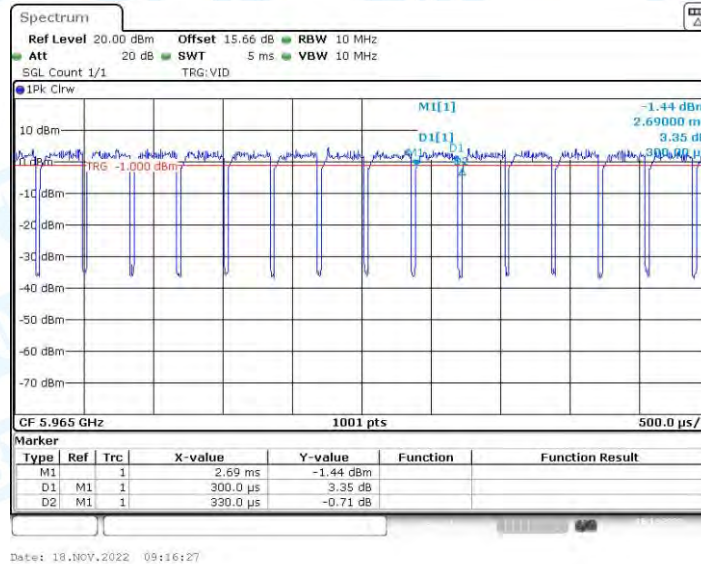
11AX40-CDD_Ant1_5965



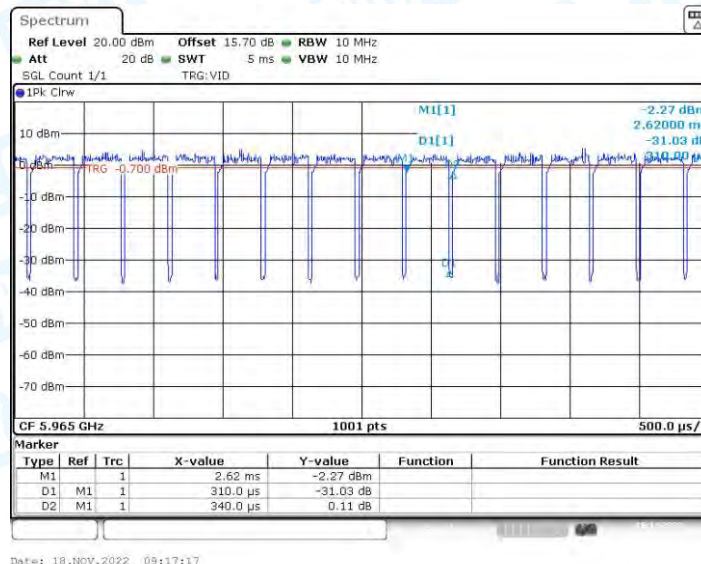
11AX40-CDD_Ant2_5965



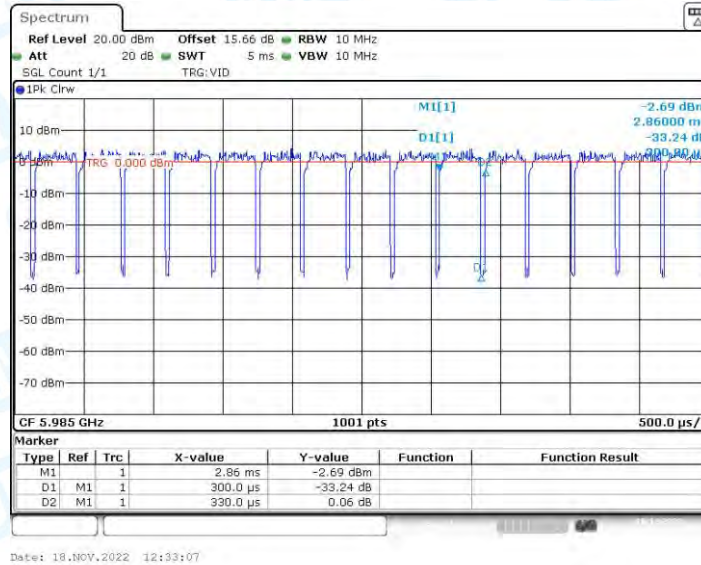
11AX40-CDD_Ant3_5965



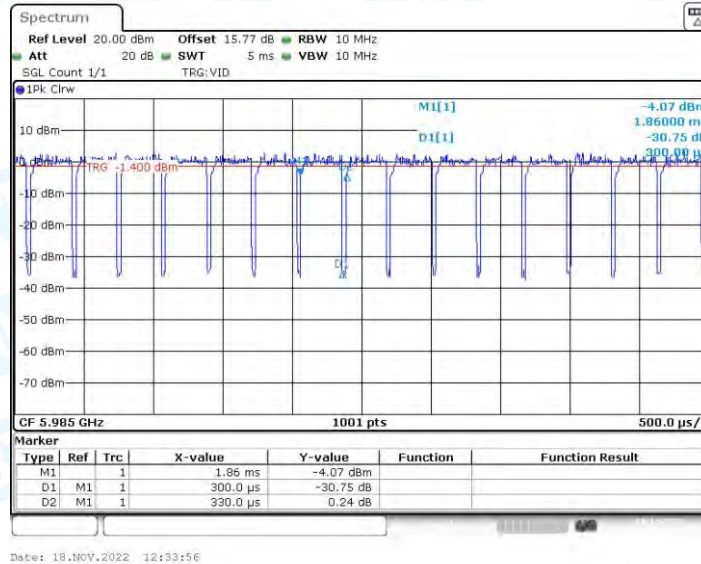
11AX40-CDD_Ant4_5965



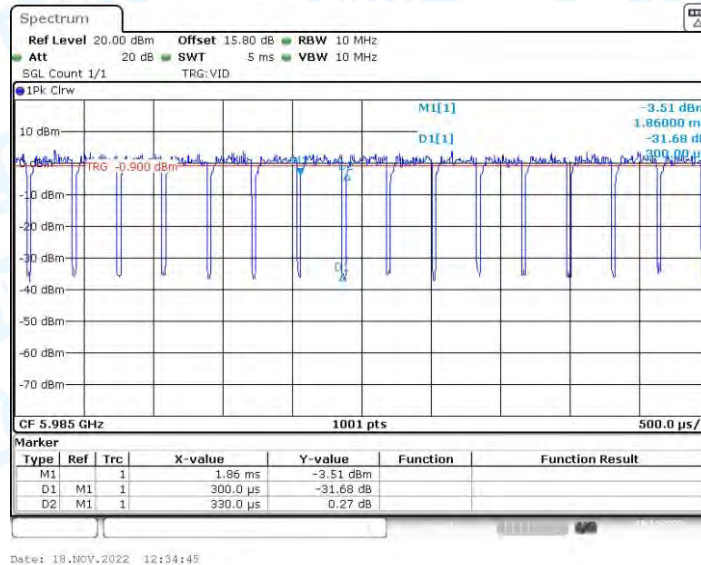
11AX80-CDD_Ant1_5985



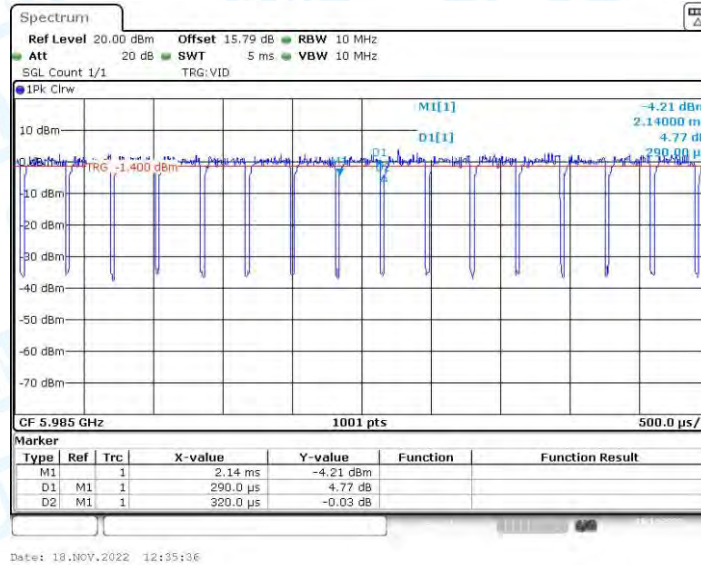
11AX80-CDD_Ant2_5985



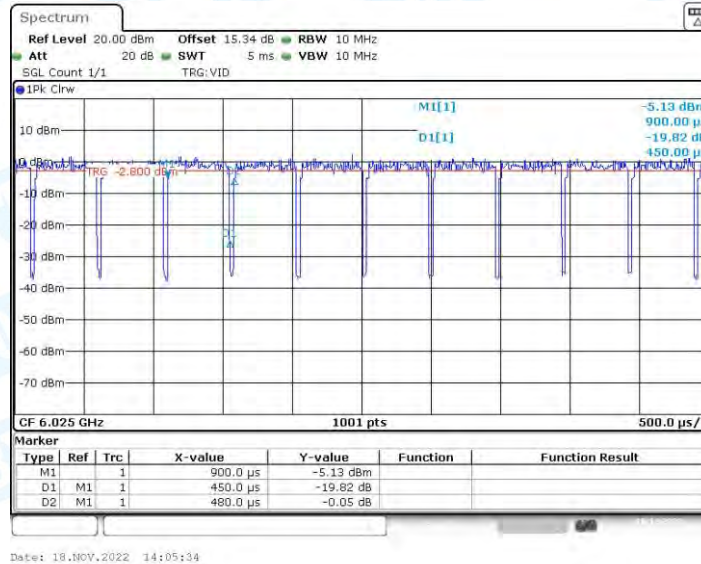
11AX80-CDD_Ant3_5985



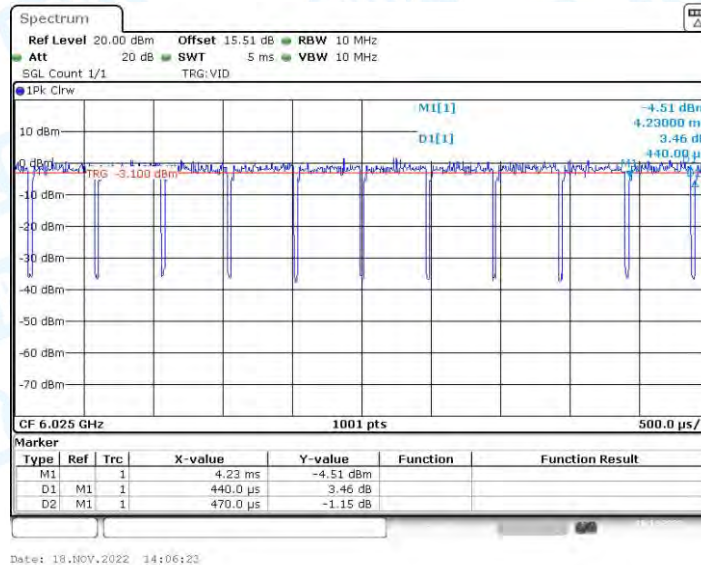
11AX80-CDD_Ant4_5985



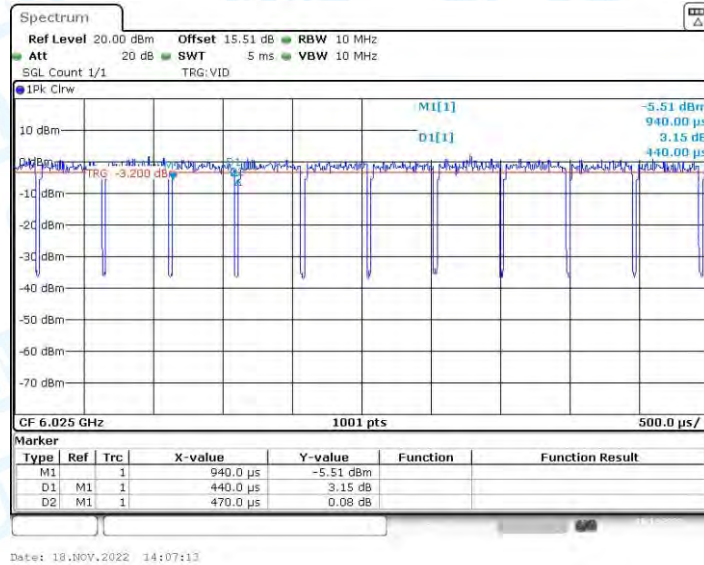
11AX160-CDD_Ant1_6025



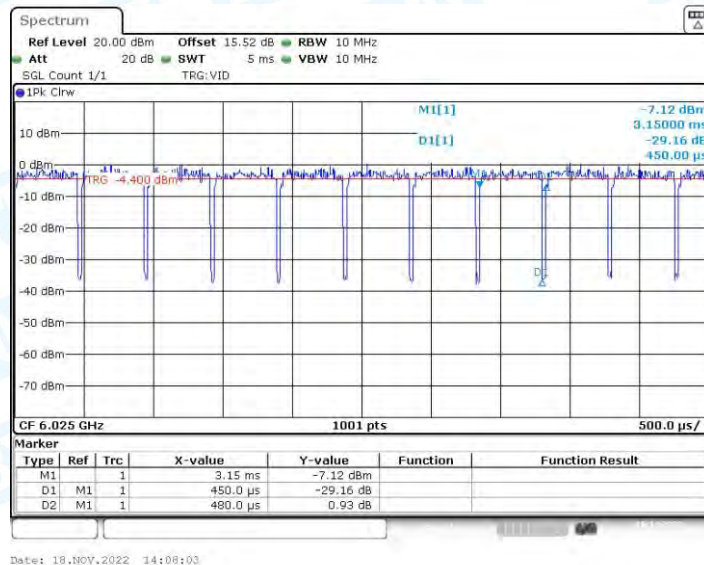
11AX160-CDD_Ant2_6025



11AX160-CDD_Ant3_6025



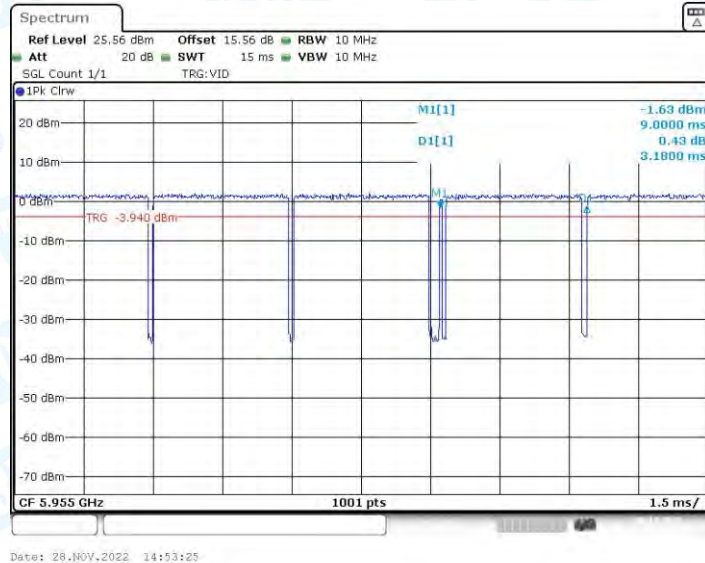
11AX160-CDD_Ant4_6025



Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T VBW(KHz)	Verdict
11AX20-BF	Ant1	5955	3.00	3.18	94.34	0.33	---
	Ant2	5955	2.94	3.04	96.71	0.34	---
	Ant3	5955	2.94	3.12	94.23	0.34	---
	Ant4	5955	2.95	3.09	95.47	0.34	---
11AX40-BF	Ant1	5965	3.67	3.77	97.35	0.27	---
	Ant2	5965	4.38	4.48	97.77	0.23	---
	Ant3	5965	3.68	3.78	97.35	0.27	---
	Ant4	5965	3.67	3.77	97.35	0.27	---
11AX80-BF	Ant1	5985	4.22	4.38	96.35	0.24	---
	Ant2	5985	4.16	4.48	92.86	0.24	---
	Ant3	5985	4.12	4.22	97.63	0.24	---
	Ant4	5985	4.16	4.50	92.44	0.24	---
11AX160-BF	Ant1	6025	4.86	5.04	96.43	0.21	---
	Ant2	6025	4.86	5.04	96.43	0.21	---
	Ant3	6025	4.66	5.00	93.20	0.21	---
	Ant4	6025	4.98	5.11	97.46	0.20	---

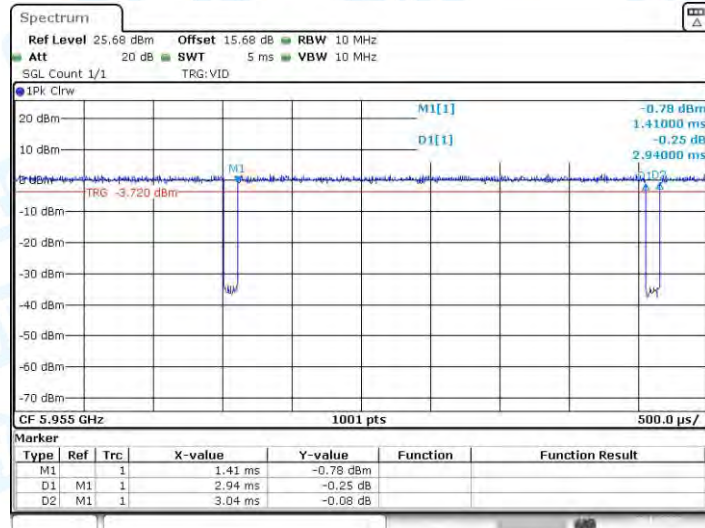


11AX20-BF_Ant1_5955



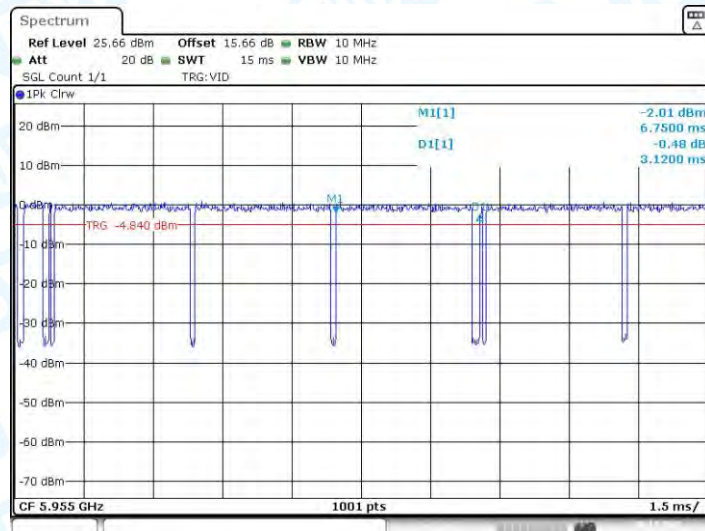
Date: 28.NOV.2022 14:53:25

11AX20-BF_Ant2_5955



Date: 28.NOV.2022 14:53:39

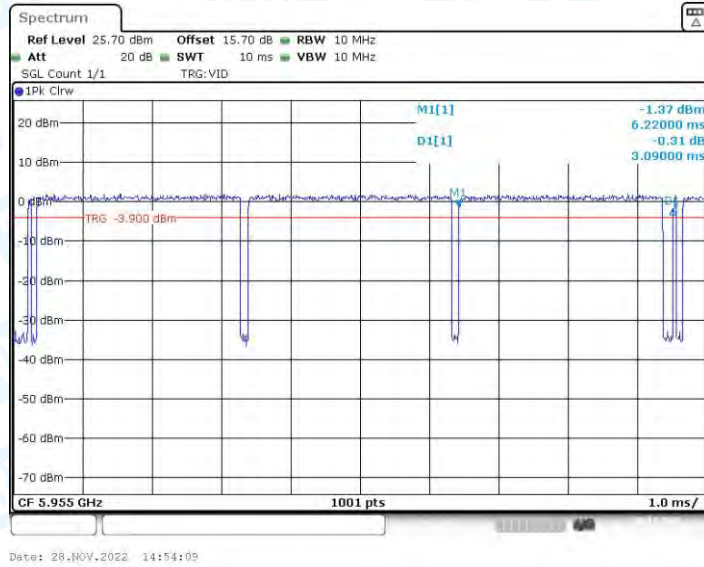
11AX20-BF_Ant3_5955



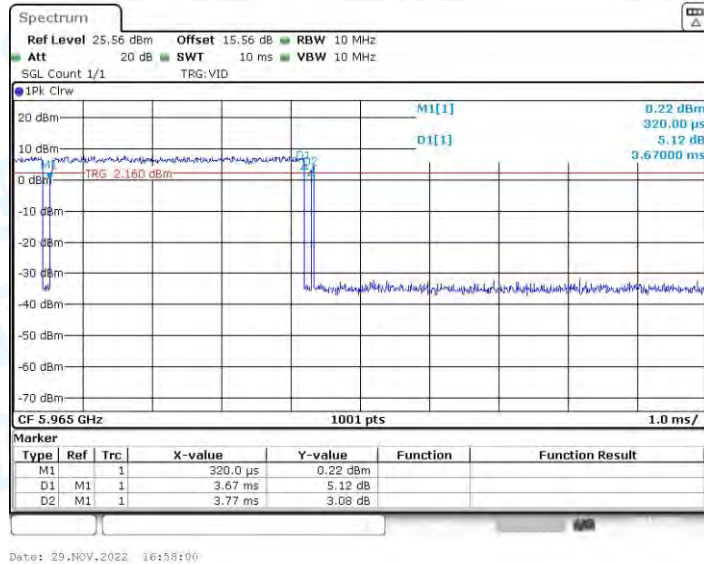
Date: 28.NOV.2022 14:54:40



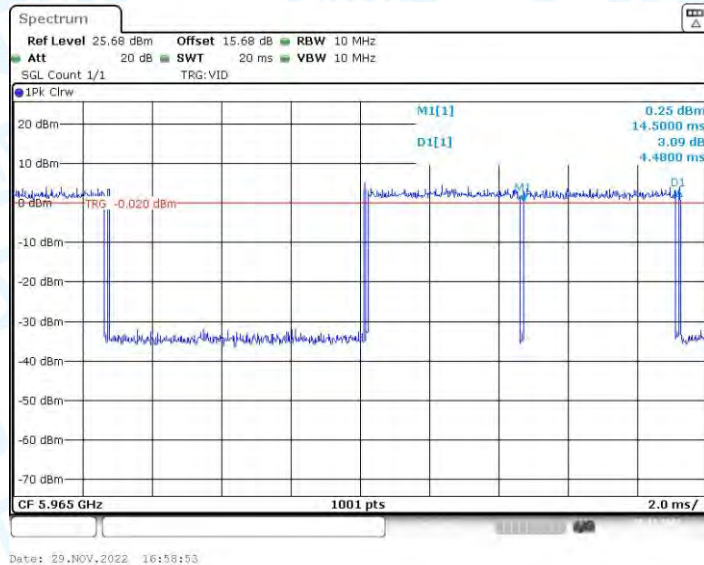
11AX20-BF_Ant4_5955



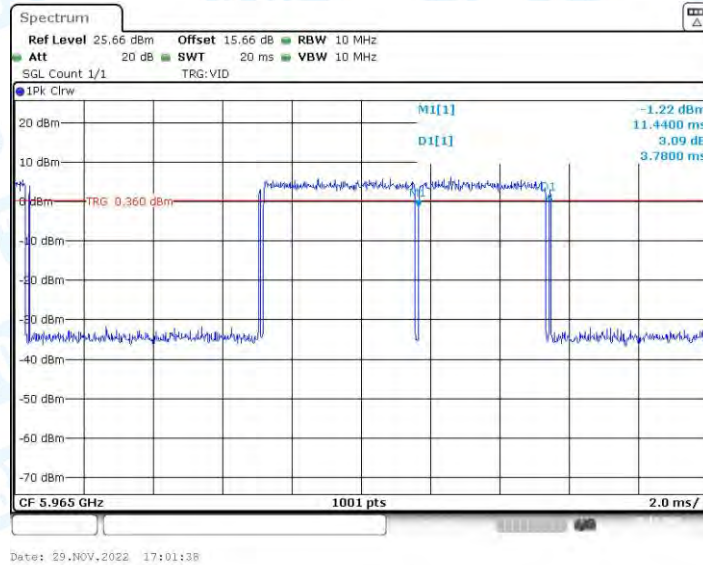
11AX40-BF_Ant1_5965



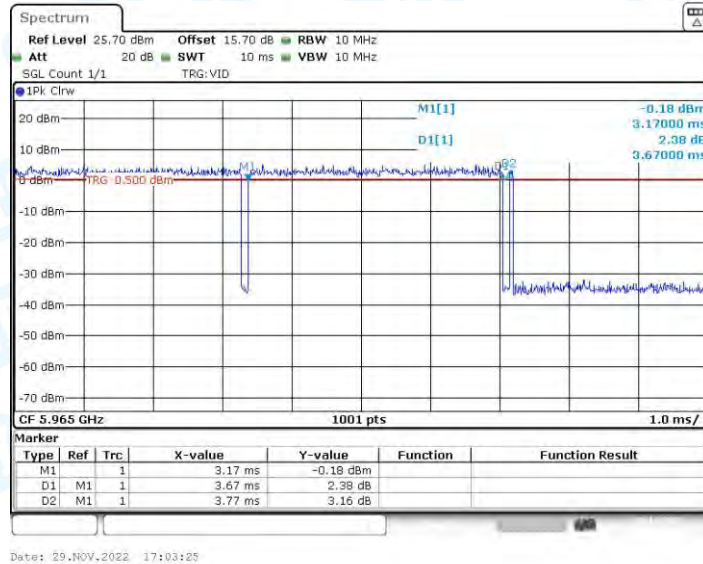
11AX40-BF_Ant2_5965



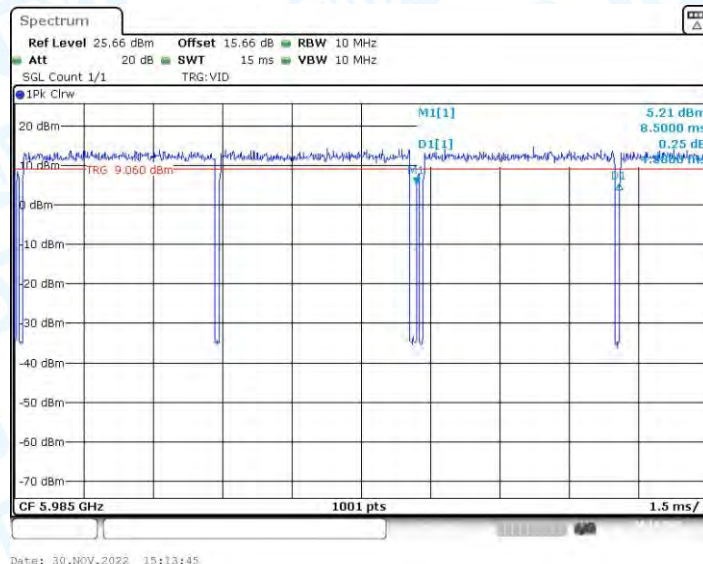
11AX40-BF_Ant3_5965



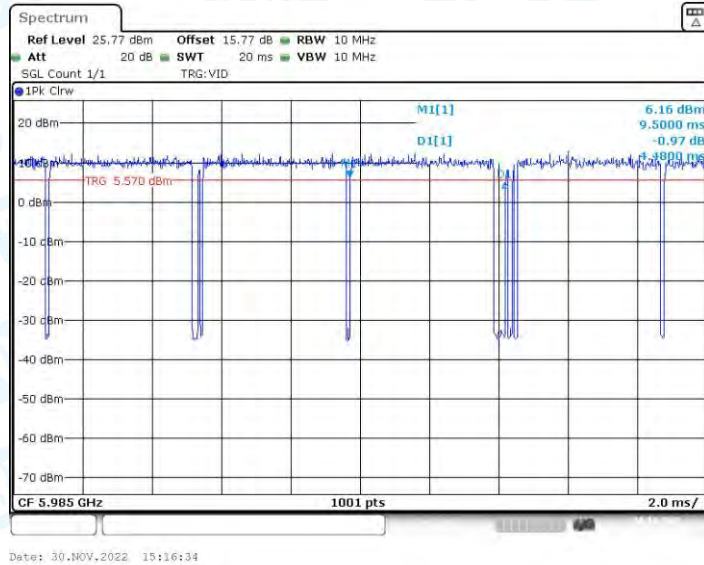
11AX40-BF_Ant4_5965



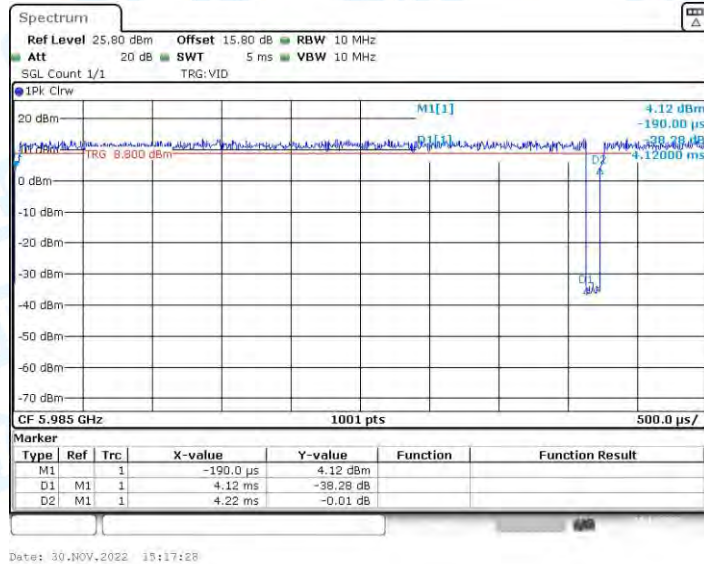
11AX80-BF_Ant1_5985



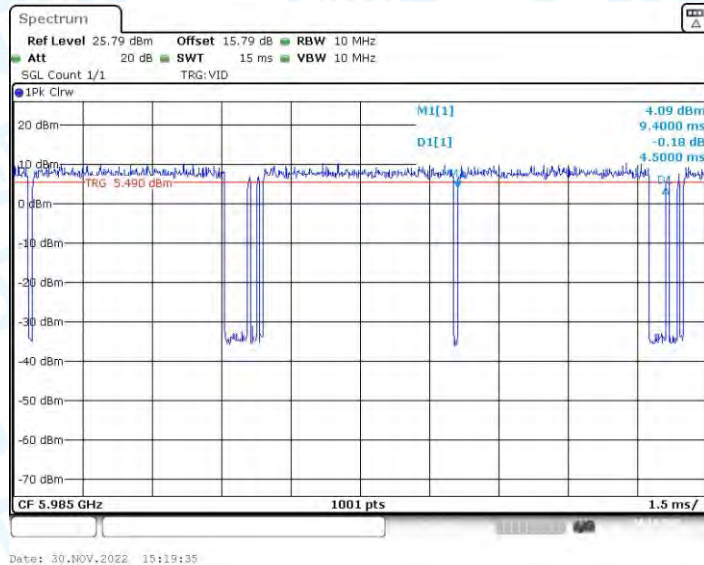
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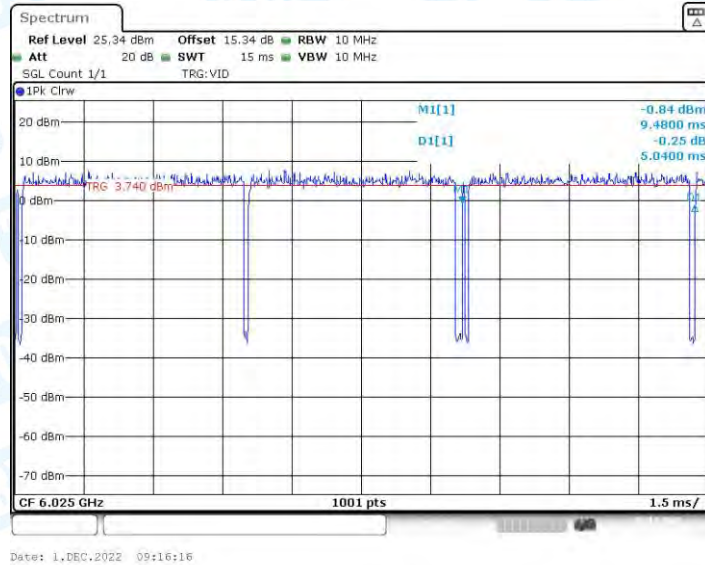
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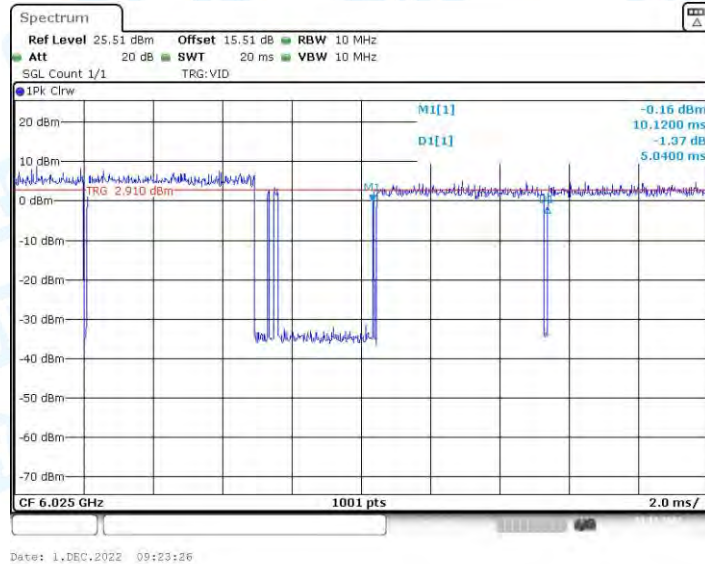
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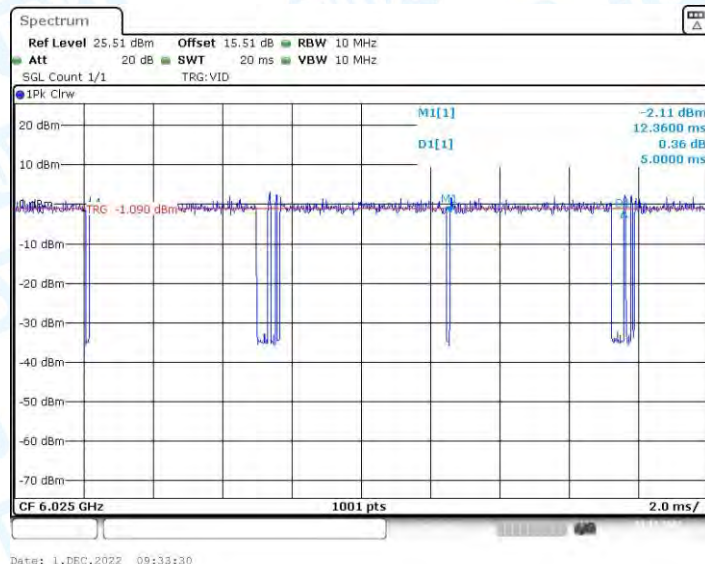
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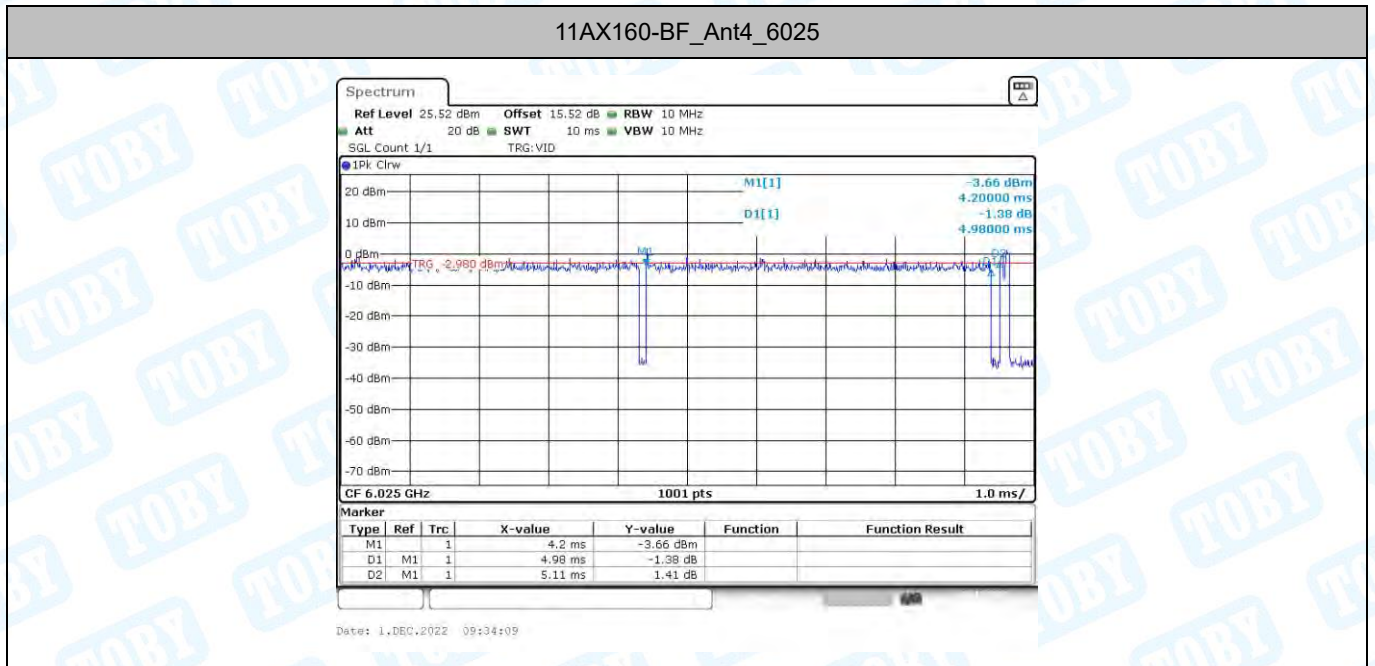


11AX160-BF_Ant2_6025



11AX160-BF_Ant3_6025





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