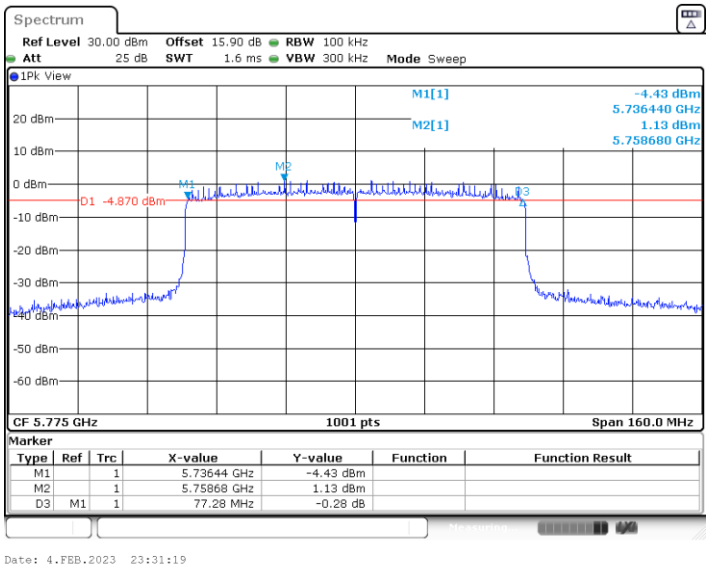
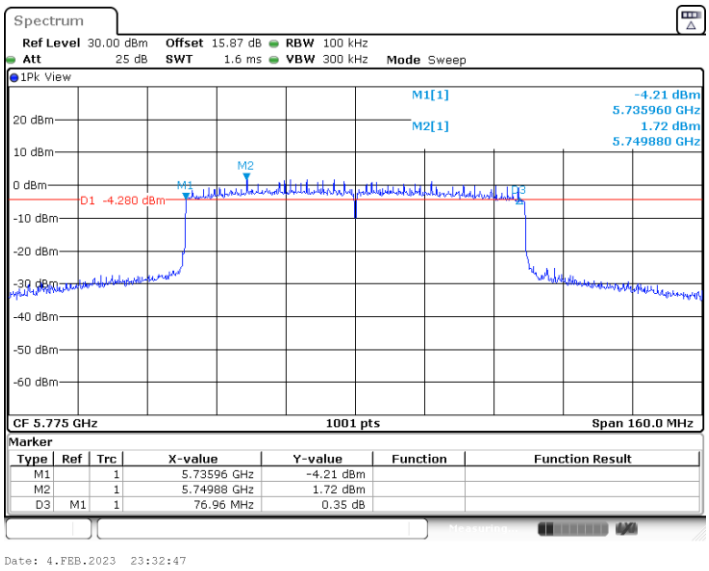
11AX80MIMO_Ant7_5775



11AX80MIMO_Ant8_5775



Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

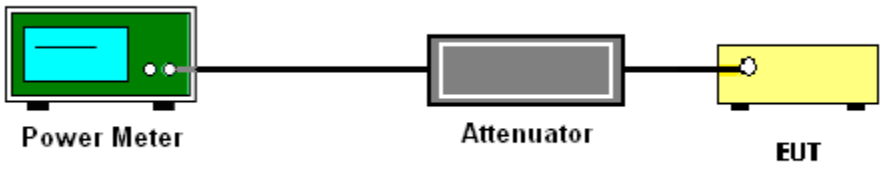
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is the duty cycle.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Test Engineer:	Jiang Jun	Temperature:	21~25°C
		Relative Humidity:	51~54%

FCC U-NII-1 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8	
11a	6Mbps	2	36	5180	18.47	18.41	21.45	23.98		-0.65		Pass
11a	6Mbps	2	44	5220	19.60	19.71	22.67	23.98		-0.65		Pass
11a	6Mbps	2	48	5240	18.84	19.19	22.03	23.98		-0.65		Pass
HT20	MCS0	2	36	5180	17.40	17.63	20.53	23.98		-0.65		Pass
HT20	MCS0	2	44	5220	19.87	19.81	22.85	23.98		-0.65		Pass
HT20	MCS0	2	48	5240	19.57	19.70	22.65	23.98		-0.65		Pass
HT40	MCS0	2	38	5190	16.82	17.21	20.03	23.98		-0.65		Pass
HT40	MCS0	2	46	5230	19.68	19.92	22.81	23.98		-0.65		Pass
VHT20	MCS0	2	36	5180	17.41	17.65	20.54	23.98		-0.65		Pass
VHT20	MCS0	2	44	5220	19.89	19.85	22.88	23.98		-0.65		Pass
VHT20	MCS0	2	48	5240	19.58	19.72	22.66	23.98		-0.65		Pass
VHT40	MCS0	2	38	5190	16.84	17.23	20.05	23.98		-0.65		Pass
VHT40	MCS0	2	46	5230	19.71	19.95	22.84	23.98		-0.65		Pass
VHT80	MCS0	2	42	5210	16.69	17.49	20.12	23.98		-0.65		Pass
VHT160	MCS0	2	50	5250	15.37	15.14	18.27	23.98		-0.65		Pass

FCC U-NII-1 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8	
HE20	MCS0	2	36	5180	Full	17.44	17.66	20.56	23.98		-0.65		Pass
HE20	MCS0	2	36	5180	26/0	7.69	8.91	11.35	23.98		-0.65		Pass
HE20	MCS0	2	36	5180	52/37	11.02	10.86	13.95	23.98		-0.65		Pass
HE20	MCS0	2	36	5180	106/53	14.07	14.26	17.18	23.98		-0.65		Pass
HE20	MCS0	2	44	5220	Full	19.92	19.88	22.91	23.98		-0.65		Pass
HE20	MCS0	2	44	5220	26/0	10.11	10.28	13.21	23.98		-0.65		Pass
HE20	MCS0	2	44	5220	52/37	13.04	13.33	16.20	23.98		-0.65		Pass
HE20	MCS0	2	44	5220	106/53	16.02	16.29	19.17	23.98		-0.65		Pass
HE20	MCS0	2	48	5240	Full	19.60	19.73	22.68	23.98		-0.65		Pass
HE20	MCS0	2	48	5240	26/8	10.09	10.93	13.54	23.98		-0.65		Pass
HE20	MCS0	2	48	5240	52/40	12.84	13.83	16.37	23.98		-0.65		Pass
HE20	MCS0	2	48	5240	106/54	16.06	15.84	18.96	23.98		-0.65		Pass
HE40	MCS0	2	38	5190	Full	16.88	17.24	20.07	23.98		-0.65		Pass
HE40	MCS0	2	38	5190	242/61	14.11	14.23	17.18	23.98		-0.65		Pass
HE40	MCS0	2	46	5230	Full	19.73	19.97	22.86	23.98		-0.65		Pass
HE40	MCS0	2	46	5230	242/62	16.33	17.01	19.69	23.98		-0.65		Pass
HE80	MCS0	2	42	5210	Full	16.67	17.51	20.12	23.98		-0.65		Pass
HE80	MCS0	2	42	5210	484/65	14.75	14.56	17.67	23.98		-0.65		Pass
HE160	MCS0	2	50	5250	Full	15.44	15.23	18.35	23.98		-0.65		Pass
HE160	MCS0	2	50	5250	996/67	13.09	12.24	15.69	23.98		-0.65		Pass
HE160	MCS0	2	50	5250	996/68	13.12	12.91	16.02	23.98		-0.65		Pass

FCC U-NII-2A MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	52	5260	20.04	19.55	22.81	23.98		-0.84		30.00	Pass
11a	6Mbps	2	60	5300	19.80	18.83	22.35	23.98		-0.84		30.00	Pass
11a	6Mbps	2	64	5320	19.41	18.60	22.04	23.98		-0.84		30.00	Pass
HT20	MCS0	2	52	5260	19.93	19.38	22.67	23.98		-0.84		30.00	Pass
HT20	MCS0	2	60	5300	19.62	18.70	22.19	23.98		-0.84		30.00	Pass
HT20	MCS0	2	64	5320	18.73	18.01	21.40	23.98		-0.84		30.00	Pass
HT40	MCS0	2	54	5270	19.79	19.20	22.52	23.98		-0.84		30.00	Pass
HT40	MCS0	2	62	5310	17.45	16.80	20.15	23.98		-0.84		30.00	Pass
VHT20	MCS0	2	52	5260	19.96	19.39	22.69	23.98		-0.84		30.00	Pass
VHT20	MCS0	2	60	5300	19.66	18.76	22.24	23.98		-0.84		30.00	Pass
VHT20	MCS0	2	64	5320	18.75	18.04	21.42	23.98		-0.84		30.00	Pass
VHT40	MCS0	2	54	5270	19.83	19.23	22.55	23.98		-0.84		30.00	Pass
VHT40	MCS0	2	62	5310	17.48	16.82	20.17	23.98		-0.84		30.00	Pass
VHT80	MCS0	2	58	5290	16.85	16.54	19.71	23.98		-0.84		30.00	Pass
VHT160	MCS0	2	50	5250	15.37	15.14	18.27	23.98		-0.84		30.00	Pass

FCC U-NII-2A MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	52	5260	Full	19.97	19.41	22.71	23.98		-0.84		30	Pass
HE20	MCS0	2	52	5260	26/0	10.14	9.71	12.94	23.98		-0.84		30	Pass
HE20	MCS0	2	52	5260	52/37	12.87	12.51	15.70	23.98		-0.84		30	Pass
HE20	MCS0	2	52	5260	106/53	15.97	15.73	18.86	23.98		-0.84		30	Pass
HE20	MCS0	2	60	5300	Full	19.69	18.79	22.27	23.98		-0.84		30	Pass
HE20	MCS0	2	60	5300	26/0	9.91	9.35	12.65	23.98		-0.84		30	Pass
HE20	MCS0	2	60	5300	52/37	12.93	12.12	15.55	23.98		-0.84		30	Pass
HE20	MCS0	2	60	5300	106/53	15.86	15.34	18.62	23.98		-0.84		30	Pass
HE20	MCS0	2	64	5320	Full	18.79	18.09	21.46	23.98		-0.84		30	Pass
HE20	MCS0	2	64	5320	26/8	9.12	8.52	11.84	23.98		-0.84		30	Pass
HE20	MCS0	2	64	5320	52/40	11.99	11.24	14.64	23.98		-0.84		30	Pass
HE20	MCS0	2	64	5320	106/54	14.96	14.23	17.62	23.98		-0.84		30	Pass
HE40	MCS0	2	54	5270	Full	19.84	19.28	22.58	23.98		-0.84		30	Pass
HE40	MCS0	2	54	5270	242/61	17.05	16.76	19.92	23.98		-0.84		30	Pass
HE40	MCS0	2	62	5310	Full	17.51	16.84	20.20	23.98		-0.84		30	Pass
HE40	MCS0	2	62	5310	242/62	14.84	14.15	17.52	23.98		-0.84		30	Pass
HE80	MCS0	2	58	5290	Full	16.85	16.57	19.72	23.98		-0.84		30	Pass
HE80	MCS0	2	58	5290	484/66	14.11	13.73	16.94	23.98		-0.84		30	Pass
HE160	MCS0	2	50	5250	Full	15.44	15.23	18.35	23.98		-0.84		30	Pass
HE160	MCS0	2	50	5250	996/67	13.09	12.24	15.69	23.98		-0.84		30	Pass
HE160	MCS0	2	50	5250	996/68	13.12	12.91	16.02	23.98		-0.84		30	Pass

FCC U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 7	Ant 8	Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8		
11a	6Mbps	2	100	5500	0.06	0.04	19.31	19.33	22.33	23.98		-0.20		30.00	Pass
11a	6Mbps	2	116	5580	0.06	0.04	19.43	19.25	22.35	23.98		-0.20		30.00	Pass
11a	6Mbps	2	140	5700	0.06	0.04	17.49	17.75	20.63	23.98		-0.20		30.00	Pass
HT20	MCS0	2	100	5500	0.00	0.00	18.47	18.58	21.54	23.98		-0.20		30.00	Pass
HT20	MCS0	2	116	5580	0.00	0.00	19.57	19.72	22.66	23.98		-0.20		30.00	Pass
HT20	MCS0	2	140	5700	0.00	0.00	17.88	18.24	21.07	23.98		-0.20		30.00	Pass
HT40	MCS0	2	102	5510	0.00	0.00	17.34	17.53	20.45	23.98		-0.20		30.00	Pass
HT40	MCS0	2	110	5550	0.00	0.00	19.11	19.71	22.43	23.98		-0.20		30.00	Pass
HT40	MCS0	2	134	5670	0.00	0.00	19.90	19.91	22.92	23.98		-0.20		30.00	Pass
VHT20	MCS0	2	100	5500	0.00	0.00	18.48	18.61	21.56	23.98		-0.20		30.00	Pass
VHT20	MCS0	2	116	5580	0.00	0.00	19.61	19.74	22.69	23.98		-0.20		30.00	Pass
VHT20	MCS0	2	140	5700	0.00	0.00	17.90	18.25	21.09	23.98		-0.20		30.00	Pass
VHT40	MCS0	2	102	5510	0.00	0.00	17.35	17.55	20.46	23.98		-0.20		30.00	Pass
VHT40	MCS0	2	110	5550	0.00	0.00	19.12	19.78	22.47	23.98		-0.20		30.00	Pass
VHT40	MCS0	2	134	5670	0.00	0.00	19.94	19.93	22.95	23.98		-0.20		30.00	Pass
VHT80	MCS0	2	106	5530	0.09	0.03	16.40	16.36	19.39	23.98		-0.20		30.00	Pass
VHT80	MCS0	2	122	5610	0.09	0.03	18.30	18.58	21.45	23.98		-0.20		30.00	Pass
VHT160	MCS0	2	114	5570	0.03	0.03	15.25	15.40	18.33	23.98		-0.20		30.00	Pass

FCC U-NII-2C MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8		
HE20	MCS0	2	100	5500	Full	18.53	18.65	21.60	23.98		-0.20		30	Pass
HE20	MCS0	2	100	5500	26/0	8.21	9.27	11.78	23.98		-0.20		30	Pass
HE20	MCS0	2	100	5500	52/37	11.87	11.93	14.91	23.98		-0.20		30	Pass
HE20	MCS0	2	100	5500	106/53	15.34	15.12	18.24	23.98		-0.20		30	Pass
HE20	MCS0	2	116	5580	Full	19.64	19.77	22.72	23.98		-0.20		30	Pass
HE20	MCS0	2	116	5580	26/0	10.48	10.76	13.63	23.98		-0.20		30	Pass
HE20	MCS0	2	116	5580	52/37	13.43	13.53	16.49	23.98		-0.20		30	Pass
HE20	MCS0	2	116	5580	106/53	16.64	16.41	19.54	23.98		-0.20		30	Pass
HE20	MCS0	2	140	5700	Full	17.92	18.29	21.12	23.98		-0.20		30	Pass
HE20	MCS0	2	140	5700	26/8	8.32	8.49	11.42	23.98		-0.20		30	Pass
HE20	MCS0	2	140	5700	52/40	10.87	11.24	14.07	23.98		-0.20		30	Pass
HE20	MCS0	2	140	5700	106/54	14.25	14.38	17.33	23.98		-0.20		30	Pass
HE40	MCS0	2	102	5510	Full	17.37	17.57	20.48	23.98		-0.20		30	Pass
HE40	MCS0	2	102	5510	242/61	14.78	14.53	17.67	23.98		-0.20		30	Pass
HE40	MCS0	2	110	5550	Full	19.15	19.81	22.50	23.98		-0.20		30	Pass
HE40	MCS0	2	110	5550	242/61	16.74	17.01	19.89	23.98		-0.20		30	Pass
HE40	MCS0	2	134	5670	Full	19.96	19.97	22.98	23.98		-0.20		30	Pass
HE40	MCS0	2	134	5670	242/62	16.43	16.23	19.34	23.98		-0.20		30	Pass
HE80	MCS0	2	106	5530	Full	16.39	16.39	19.40	23.98		-0.20		30	Pass
HE80	MCS0	2	106	5530	484/65	13.88	13.75	16.83	23.98		-0.20		30	Pass
HE80	MCS0	2	122	5610	Full	18.28	18.63	21.47	23.98		-0.20		30	Pass
HE80	MCS0	2	122	5610	484/65	15.89	15.91	18.91	23.98		-0.20		30	Pass
HE160	MCS0	2	114	5570	Full	15.33	15.51	18.43	23.98		-0.20		30	Pass
HE160	MCS0	2	114	5570	996/67	12.78	12.83	15.81	23.98		-0.20		30	Pass
HE160	MCS0	2	114	5570	996/68	13.10	13.14	16.13	23.98		-0.20		30	Pass

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8	
11a	6Mbps	2	149	5745	18.95	18.47	21.73	30.00		0.87		Pass
11a	6Mbps	2	157	5785	18.53	18.26	21.41	30.00		0.87		Pass
11a	6Mbps	2	165	5825	18.69	18.60	21.66	30.00		0.87		Pass
HT20	MCS0	2	149	5745	18.76	18.45	21.62	30.00		0.87		Pass
HT20	MCS0	2	157	5785	18.33	18.11	21.23	30.00		0.87		Pass
HT20	MCS0	2	165	5825	18.54	18.49	21.53	30.00		0.87		Pass
HT40	MCS0	2	151	5755	18.43	18.04	21.25	30.00		0.87		Pass
HT40	MCS0	2	159	5795	18.61	18.36	21.50	30.00		0.87		Pass
VHT20	MCS0	2	149	5745	18.82	18.47	21.66	30.00		0.87		Pass
VHT20	MCS0	2	157	5785	18.37	18.18	21.29	30.00		0.87		Pass
VHT20	MCS0	2	165	5825	18.56	18.52	21.55	30.00		0.87		Pass
VHT40	MCS0	2	151	5755	18.49	18.08	21.30	30.00		0.87		Pass
VHT40	MCS0	2	159	5795	18.66	18.41	21.55	30.00		0.87		Pass
VHT80	MCS0	2	155	5775	18.41	18.24	21.33	30.00		0.87		Pass

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power with duty factor (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 7	Ant 8	SUM	Ant 7	Ant 8	Ant 7	Ant 8	
HE20	MCS0	2	149	5745	Full	18.93	18.52	21.74	30.00		0.87		Pass
HE20	MCS0	2	149	5745	26/0	8.22	7.52	10.89	30.00		0.87		Pass
HE20	MCS0	2	149	5745	52/37	12.09	11.91	15.01	30.00		0.87		Pass
HE20	MCS0	2	149	5745	106/53	15.55	14.99	18.29	30.00		0.87		Pass
HE20	MCS0	2	157	5785	Full	18.42	18.24	21.34	30.00		0.87		Pass
HE20	MCS0	2	157	5785	26/0	8.38	7.47	10.96	30.00		0.87		Pass
HE20	MCS0	2	157	5785	52/37	10.99	11.15	14.08	30.00		0.87		Pass
HE20	MCS0	2	157	5785	106/53	14.66	14.56	17.62	30.00		0.87		Pass
HE20	MCS0	2	165	5825	Full	18.61	18.60	21.62	30.00		0.87		Pass
HE20	MCS0	2	165	5825	26/8	7.55	8.93	11.30	30.00		0.87		Pass
HE20	MCS0	2	165	5825	52/40	11.36	11.45	14.42	30.00		0.87		Pass
HE20	MCS0	2	165	5825	106/54	14.96	14.94	17.96	30.00		0.87		Pass
HE40	MCS0	2	151	5755	Full	18.57	18.13	21.37	30.00		0.87		Pass
HE40	MCS0	2	151	5755	242/61	15.66	15.11	18.40	30.00		0.87		Pass
HE40	MCS0	2	159	5795	Full	18.71	18.45	21.59	30.00		0.87		Pass
HE40	MCS0	2	159	5795	242/62	15.42	14.96	18.21	30.00		0.87		Pass
HE80	MCS0	2	155	5775	Full	18.45	18.35	21.41	30.00		0.87		Pass
HE80	MCS0	2	155	5775	484/65	15.52	15.16	18.36	30.00		0.87		Pass
HE80	MCS0	2	155	5775	484/66	15.71	15.19	18.47	30.00		0.87		Pass

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section F) Maximum power spectral density.

For devices operating in the bands 5.15 - 5.25 GHz, 5.25 - 5.35 GHz, and 5.47 - 5.725 GHz

<CDD Modes>

 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

For devices operating in the band 5.725 - 5.85 GHz

 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500 kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is the bin-by-bin summation to obtain the combined spectrum. For the device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

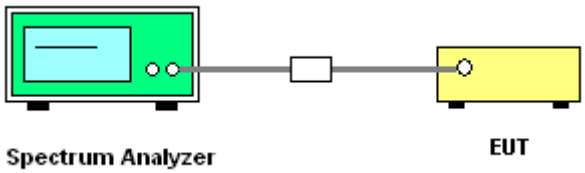
Method (b): Measure and sum spectral maxima across the outputs.

The measurement on each individual output were performed with the same span and number on each individual output. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs.

Method (c): Measure and add 10 log(N_{ANT}) dB, where N_{ANT} is the number of outputs.

The measurement on each individual output were performed with the same span and number on each individual output. The quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Test Engineer:	Jiang Jun	Temperature:	21~25°C
		Relative Humidity:	51~54%

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant7	5180	6.57	≤11.00	PASS
	Ant8	5180	6.51	≤11.00	PASS
	total	5180	9.55	≤11.00	PASS
	Ant7	5220	7.99	≤11.00	PASS
	Ant8	5220	7.81	≤11.00	PASS
	total	5220	10.91	≤11.00	PASS
	Ant7	5240	7.33	≤11.00	PASS
	Ant8	5240	8.11	≤11.00	PASS
	total	5240	10.75	≤11.00	PASS
	Ant7	5260	8.07	≤11.00	PASS
	Ant8	5260	7.88	≤11.00	PASS
	total	5260	10.99	≤11.00	PASS
	Ant7	5300	8.12	≤11.00	PASS
	Ant8	5300	7.17	≤11.00	PASS
	total	5300	10.68	≤11.00	PASS
	Ant7	5320	7.63	≤11.00	PASS
	Ant8	5320	6.42	≤11.00	PASS
	total	5320	10.08	≤11.00	PASS
	Ant7	5500	7.66	≤11.00	PASS
	Ant8	5500	7.9	≤11.00	PASS
	total	5500	10.79	≤11.00	PASS
	Ant7	5580	8.01	≤11.00	PASS
	Ant8	5580	7.86	≤11.00	PASS
	total	5580	10.95	≤11.00	PASS
	Ant7	5700	5.51	≤11.00	PASS
	Ant8	5700	6.03	≤11.00	PASS
	total	5700	8.79	≤11.00	PASS
	Ant7	5720_UNII-2C	7.76	≤11.00	PASS
	Ant8	5720_UNII-2C	7.56	≤11.00	PASS
	total	5720_UNII-2C	10.67	≤11.00	PASS
	Ant7	5720_UNII-3	4.58	≤30.00	PASS
	Ant8	5720_UNII-3	4.19	≤30.00	PASS
	total	5720_UNII-3	7.40	≤30.00	PASS
	Ant7	5745	3.9	≤30.00	PASS
	Ant8	5745	3.3	≤30.00	PASS
	total	5745	6.62	≤30.00	PASS
	Ant7	5785	3.24	≤30.00	PASS
	Ant8	5785	2.66	≤30.00	PASS
	total	5785	5.97	≤30.00	PASS
	Ant7	5825	3.33	≤30.00	PASS
	Ant8	5825	3.14	≤30.00	PASS
	total	5825	6.25	≤30.00	PASS
11AX20MIMO	Ant7	5180	5.07	≤11.00	PASS
	Ant8	5180	5.02	≤11.00	PASS

	total	5180	8.06	≤11.00	PASS
	Ant7	5220	7.52	≤11.00	PASS
	Ant8	5220	7.44	≤11.00	PASS
	total	5220	10.49	≤11.00	PASS
	Ant7	5240	7.63	≤11.00	PASS
	Ant8	5240	8.25	≤11.00	PASS
	total	5240	10.96	≤11.00	PASS
	Ant7	5260	7.29	≤11.00	PASS
	Ant8	5260	7.14	≤11.00	PASS
	total	5260	10.23	≤11.00	PASS
	Ant7	5300	7.41	≤11.00	PASS
	Ant8	5300	6.47	≤11.00	PASS
	total	5300	9.98	≤11.00	PASS
	Ant7	5320	6.55	≤11.00	PASS
	Ant8	5320	5.27	≤11.00	PASS
	total	5320	8.97	≤11.00	PASS
	Ant7	5500	6.02	≤11.00	PASS
	Ant8	5500	6.32	≤11.00	PASS
	total	5500	9.18	≤11.00	PASS
	Ant7	5580	7.66	≤11.00	PASS
	Ant8	5580	7.75	≤11.00	PASS
	total	5580	10.72	≤11.00	PASS
	Ant7	5700	5.38	≤11.00	PASS
	Ant8	5700	5.96	≤11.00	PASS
	total	5700	8.69	≤11.00	PASS
	Ant7	5720_UNII-2C	8.04	≤11.00	PASS
	Ant8	5720_UNII-2C	7.62	≤11.00	PASS
	total	5720_UNII-2C	10.85	≤11.00	PASS
	Ant7	5720_UNII-3	4.83	≤30.00	PASS
	Ant8	5720_UNII-3	4.43	≤30.00	PASS
	total	5720_UNII-3	7.64	≤30.00	PASS
	Ant7	5745	3.23	≤30.00	PASS
	Ant8	5745	2.84	≤30.00	PASS
	total	5745	6.05	≤30.00	PASS
	Ant7	5785	2.6	≤30.00	PASS
	Ant8	5785	2.03	≤30.00	PASS
	total	5785	5.33	≤30.00	PASS
	Ant7	5825	2.69	≤30.00	PASS
	Ant8	5825	2.56	≤30.00	PASS
	total	5825	5.64	≤30.00	PASS
11AX40MIMO	Ant7	5190	2.21	≤11.00	PASS
	Ant8	5190	2.26	≤11.00	PASS
	total	5190	5.25	≤11.00	PASS
	Ant7	5230	4.53	≤11.00	PASS
	Ant8	5230	4.92	≤11.00	PASS
	total	5230	7.74	≤11.00	PASS
	Ant7	5270	4.11	≤11.00	PASS
	Ant8	5270	4	≤11.00	PASS
	total	5270	7.07	≤11.00	PASS
	Ant7	5310	2.06	≤11.00	PASS

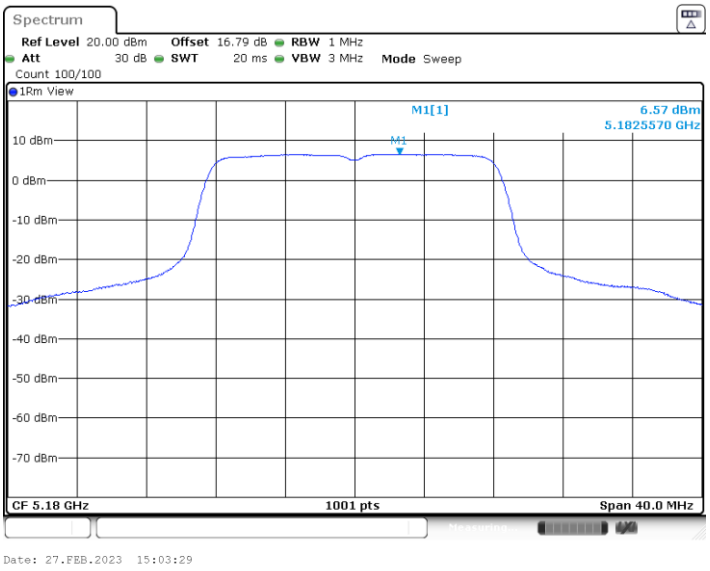
	Ant8	5310	1.33	≤11.00	PASS
	total	5310	4.72	≤11.00	PASS
	Ant7	5510	1.97	≤11.00	PASS
	Ant8	5510	2.07	≤11.00	PASS
	total	5510	5.03	≤11.00	PASS
	Ant7	5550	4.37	≤11.00	PASS
	Ant8	5550	4.53	≤11.00	PASS
	total	5550	7.46	≤11.00	PASS
	Ant7	5670	4.2	≤11.00	PASS
	Ant8	5670	4.69	≤11.00	PASS
	total	5670	7.46	≤11.00	PASS
	Ant7	5710_UNII-2C	4.57	≤11.00	PASS
	Ant8	5710_UNII-2C	4.7	≤11.00	PASS
	total	5710_UNII-2C	7.65	≤11.00	PASS
	Ant7	5710_UNII-3	0.93	≤30.00	PASS
	Ant8	5710_UNII-3	0.71	≤30.00	PASS
	total	5710_UNII-3	3.83	≤30.00	PASS
	Ant7	5755	0.1	≤30.00	PASS
	Ant8	5755	-0.44	≤30.00	PASS
	total	5755	2.85	≤30.00	PASS
	Ant7	5795	-0.02	≤30.00	PASS
	Ant8	5795	-0.32	≤30.00	PASS
	total	5795	2.84	≤30.00	PASS
11AX80MIMO	Ant7	5210	-1.05	≤11.00	PASS
	Ant8	5210	-0.64	≤11.00	PASS
	total	5210	2.17	≤11.00	PASS
	Ant7	5290	-1.33	≤11.00	PASS
	Ant8	5290	-1.34	≤11.00	PASS
	total	5290	1.68	≤11.00	PASS
	Ant7	5530	-1.92	≤11.00	PASS
	Ant8	5530	-2.17	≤11.00	PASS
	total	5530	0.97	≤11.00	PASS
	Ant7	5610	0.41	≤11.00	PASS
	Ant8	5610	0.57	≤11.00	PASS
	total	5610	3.50	≤11.00	PASS
	Ant7	5690_UNII-2C	0.54	≤11.00	PASS
	Ant8	5690_UNII-2C	1.32	≤11.00	PASS
	total	5690_UNII-2C	3.96	≤11.00	PASS
	Ant7	5690_UNII-3	-3.2	≤30.00	PASS
	Ant8	5690_UNII-3	-3.32	≤30.00	PASS
	total	5690_UNII-3	-0.25	≤30.00	PASS
	Ant7	5775	-2.98	≤30.00	PASS
	Ant8	5775	-3.25	≤30.00	PASS
	total	5775	-0.10	≤30.00	PASS
11AX160MIMO	Ant7	5250_UNII-1	-5.66	≤11.00	PASS
	Ant8	5250_UNII-1	-5.69	≤11.00	PASS
	total	5250_UNII-1	-2.66	≤11.00	PASS
	Ant7	5250_UNII-2A	-5.66	≤11.00	PASS
	Ant8	5250_UNII-2A	-5.64	≤11.00	PASS
	total	5250_UNII-2A	-2.64	≤10.00	PASS

	Ant7	5570	-5.44	≤11.00	PASS
	Ant8	5570	-5.53	≤11.00	PASS
	total	5570	-2.47	≤11.00	PASS

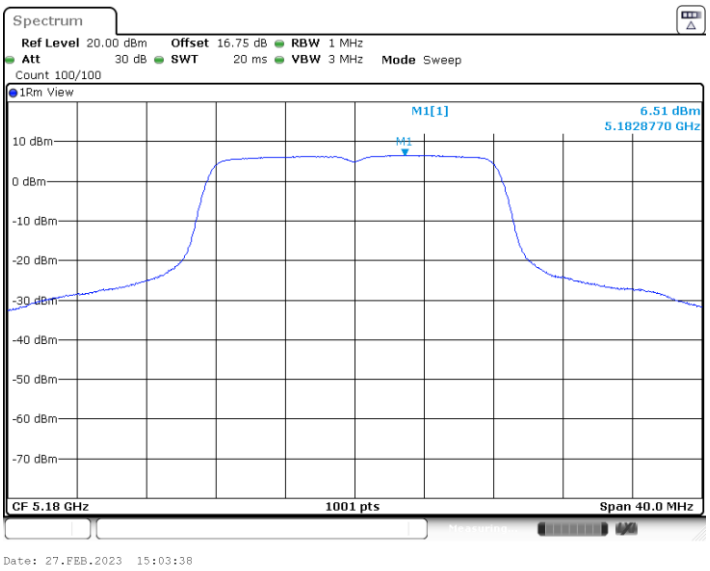
Note:

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

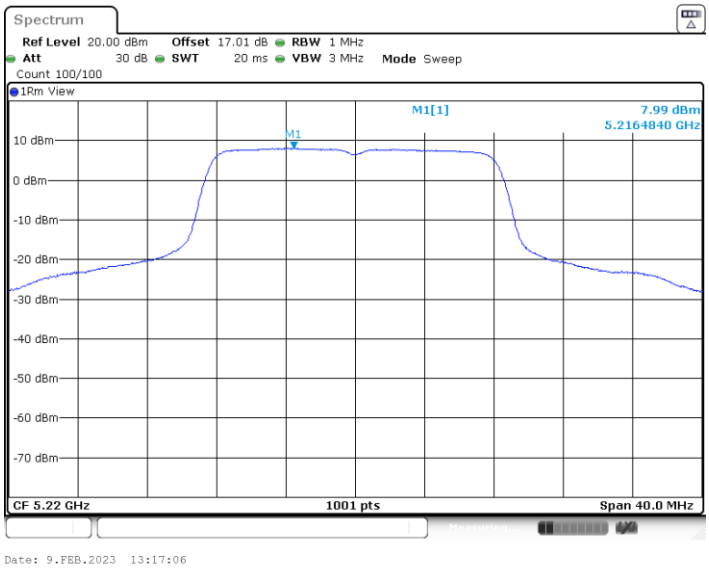
11A-CDD_Ant7_5180



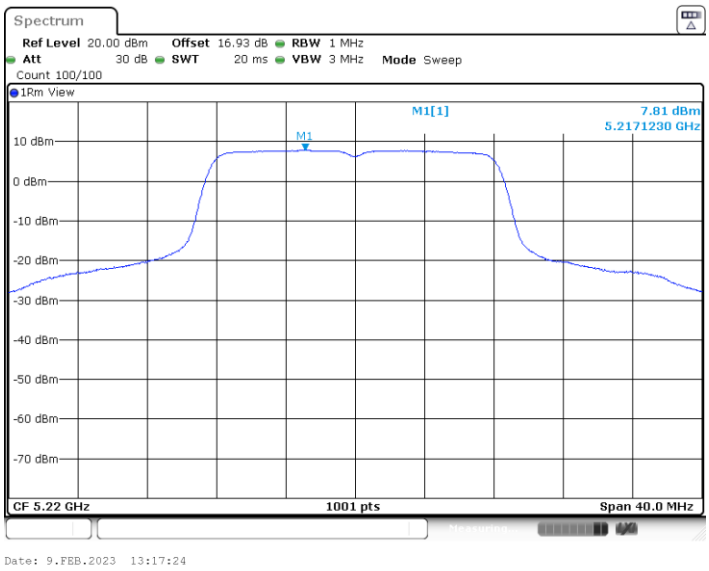
11A-CDD_Ant8_5180



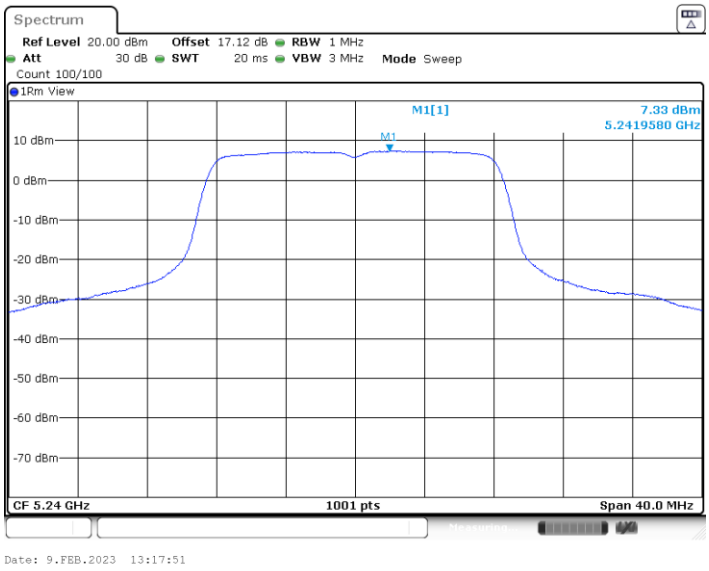
11A-CDD_Ant7_5220



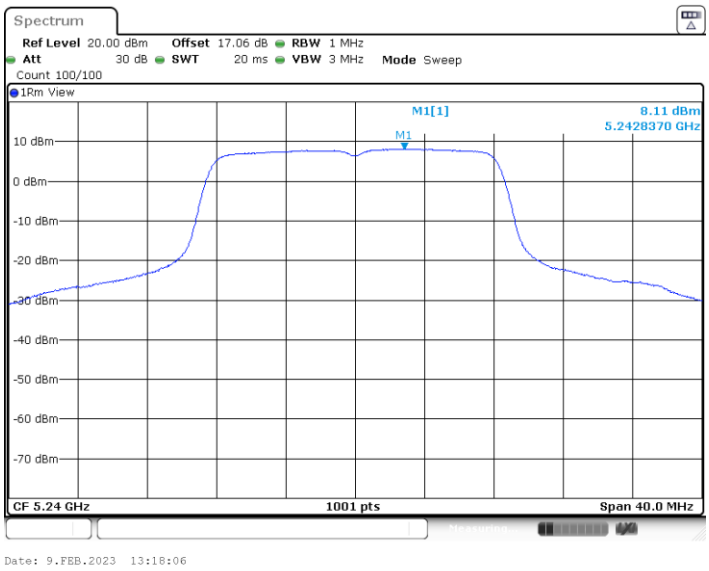
11A-CDD_Ant8_5220



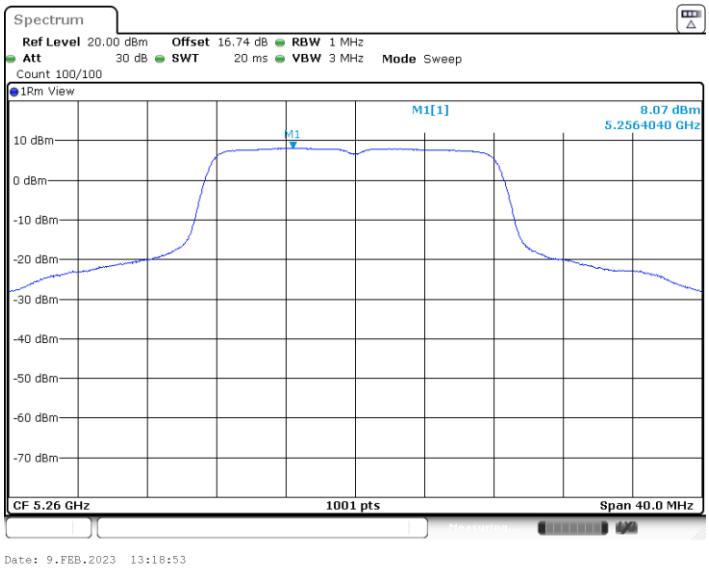
11A-CDD_Ant7_5240



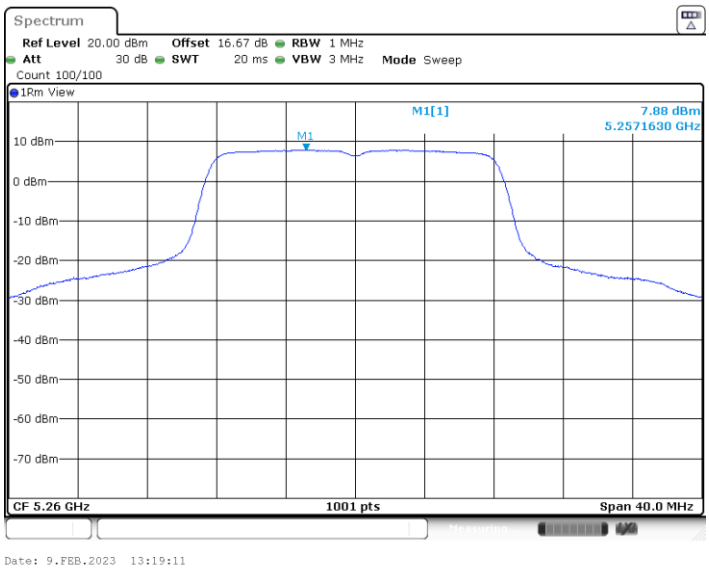
11A-CDD_Ant8_5240



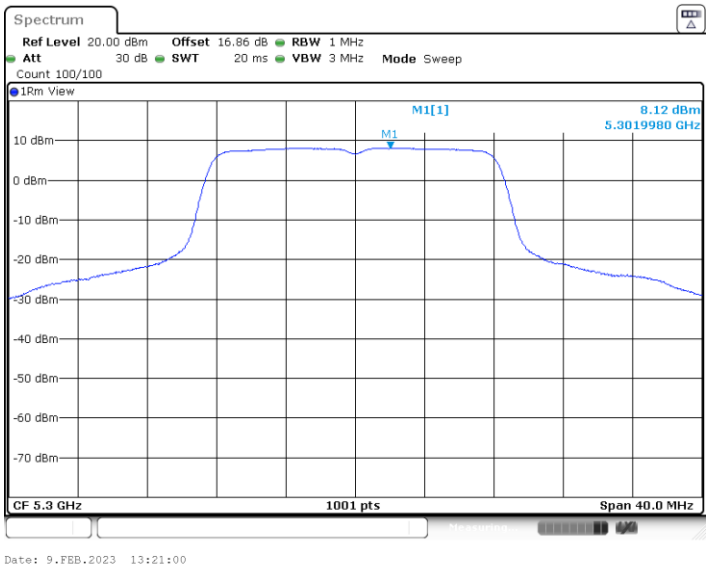
11A-CDD_Ant7_5260



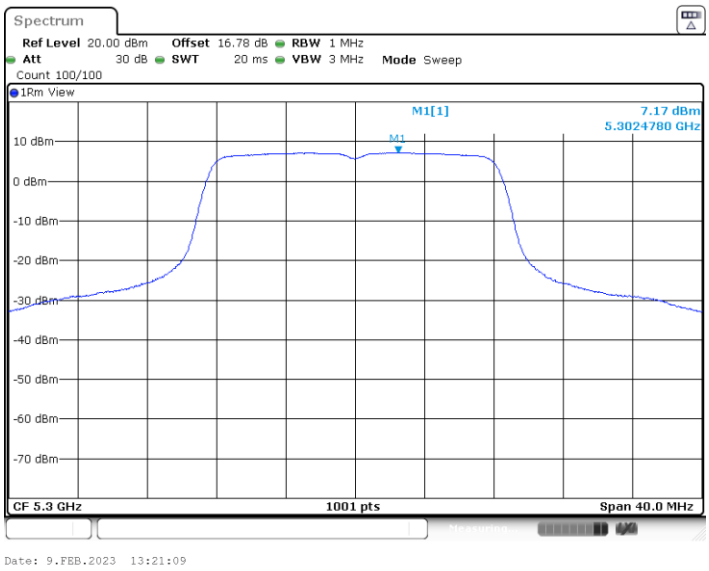
11A-CDD_Ant8_5260



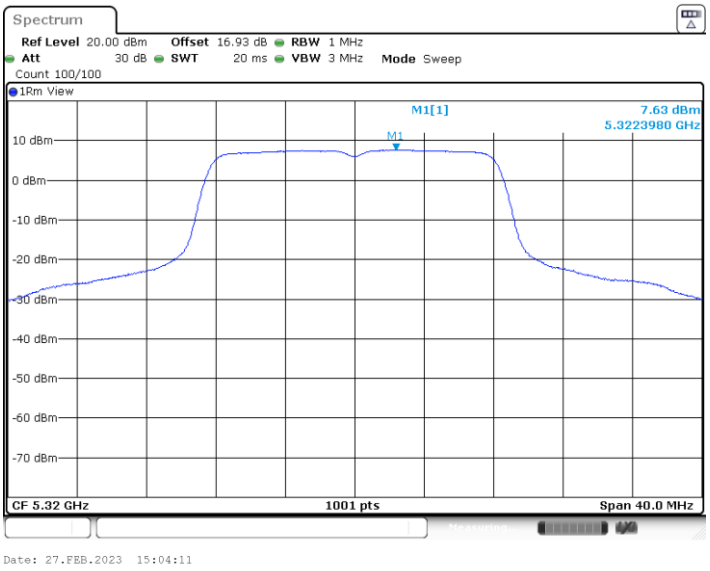
11A-CDD_Ant7_5300



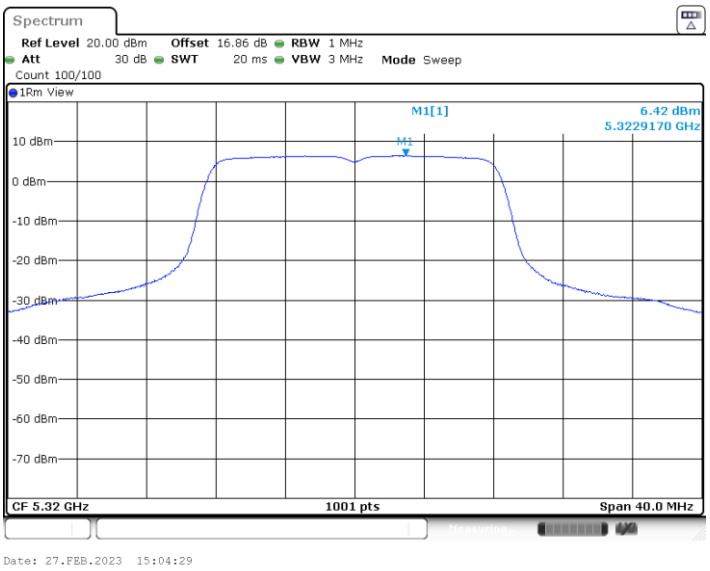
11A-CDD_Ant8_5300



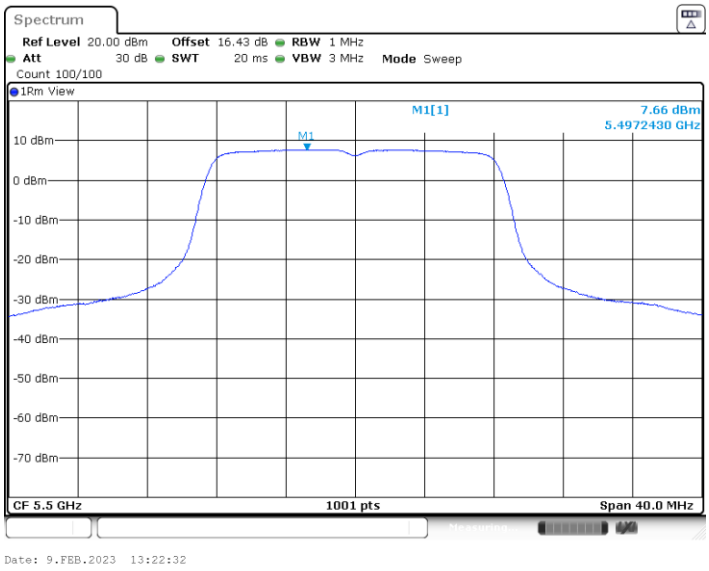
11A-CDD_Ant7_5320



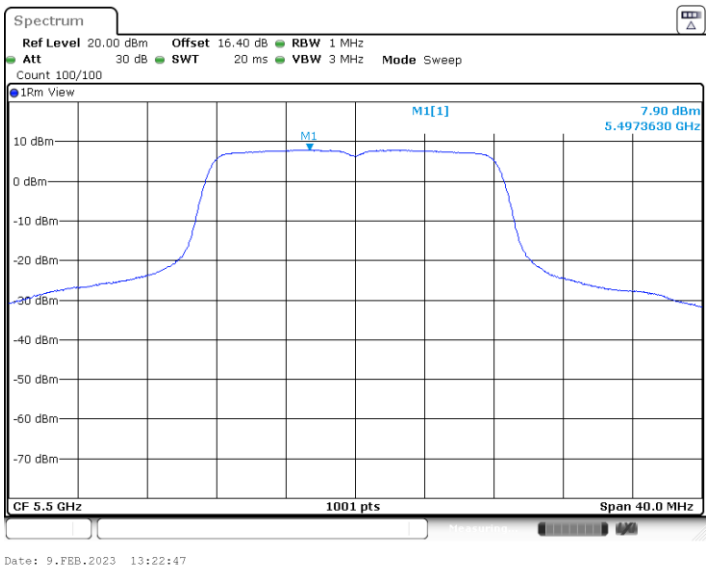
11A-CDD_Ant8_5320



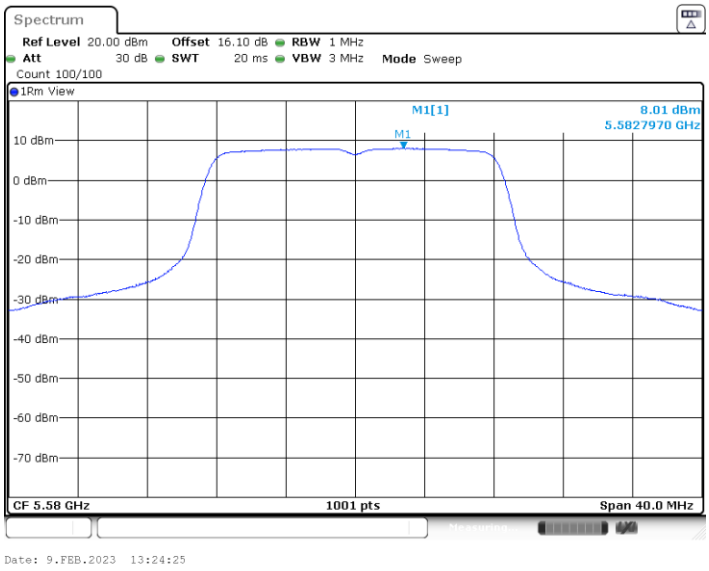
11A-CDD_Ant7_5500



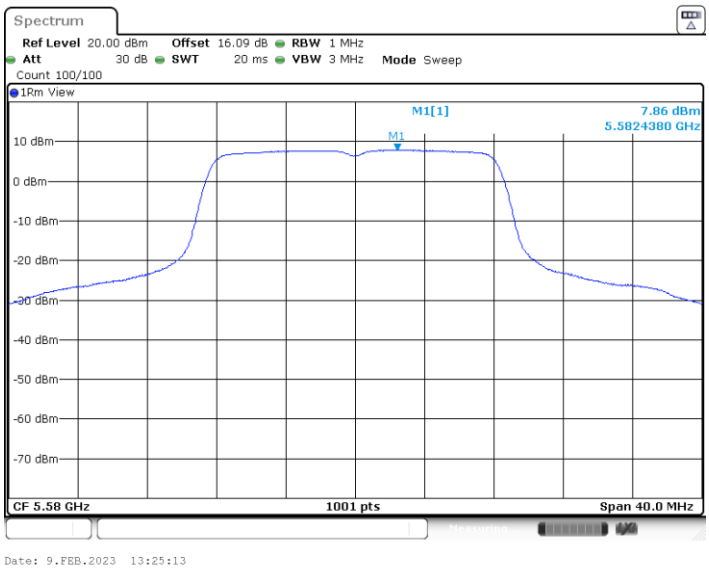
11A-CDD_Ant8_5500



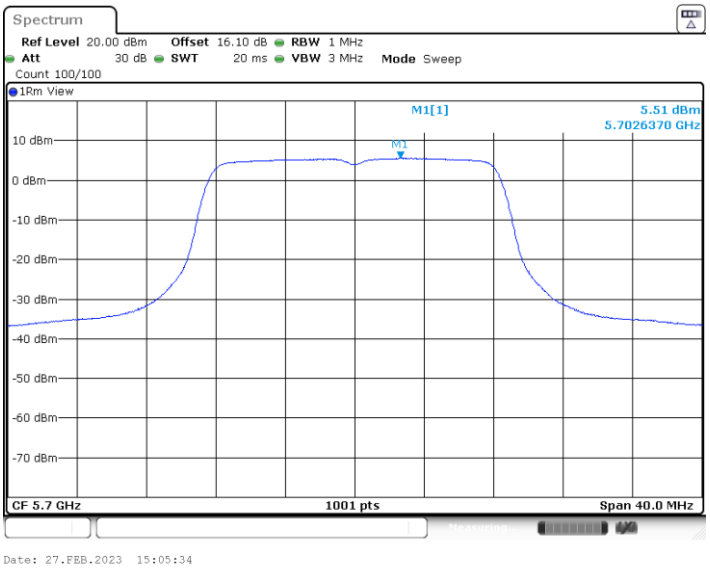
11A-CDD_Ant7_5580



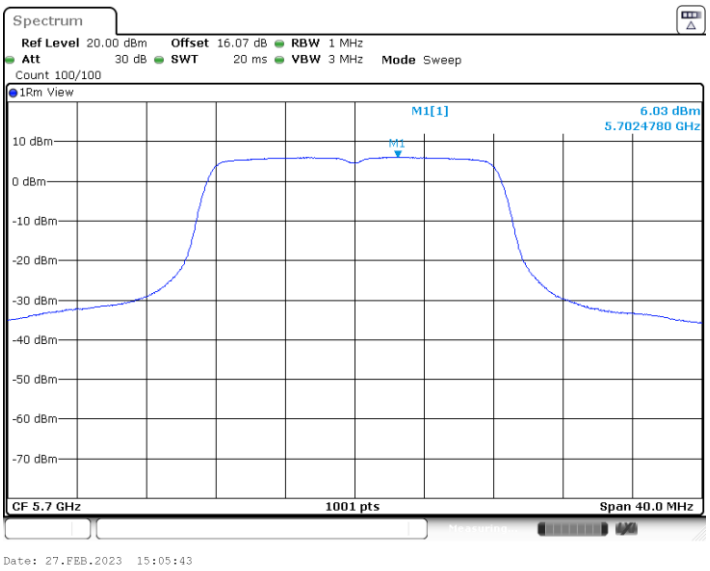
11A-CDD_Ant8_5580



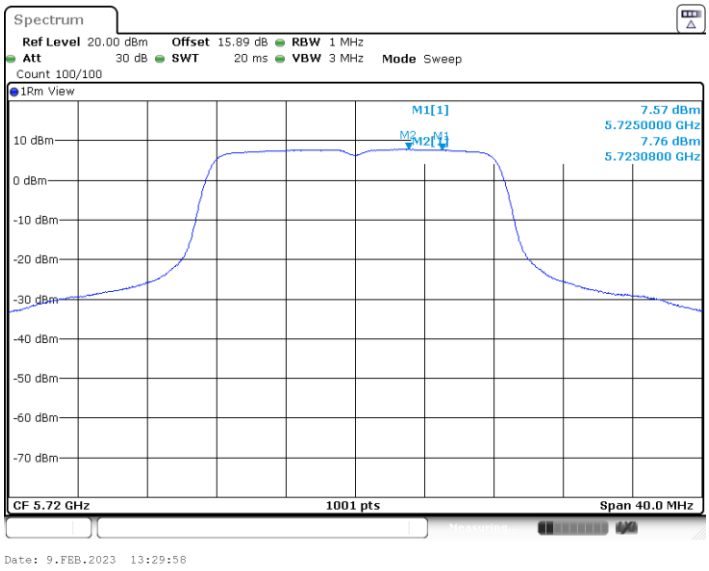
11A-CDD_Ant7_5700



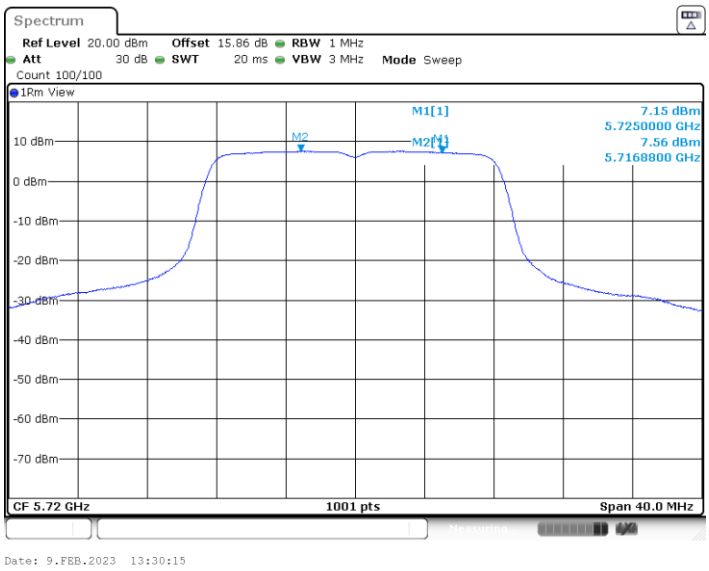
11A-CDD_Ant8_5700



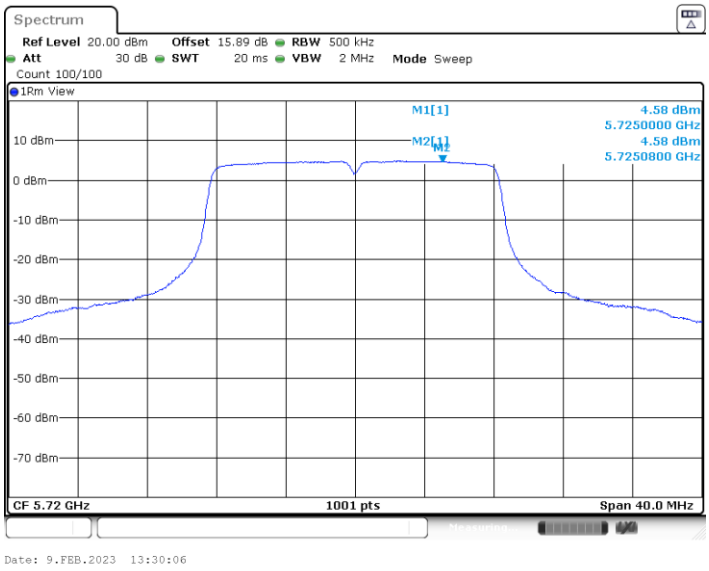
11A-CDD_Ant7_5720_UNII-2C



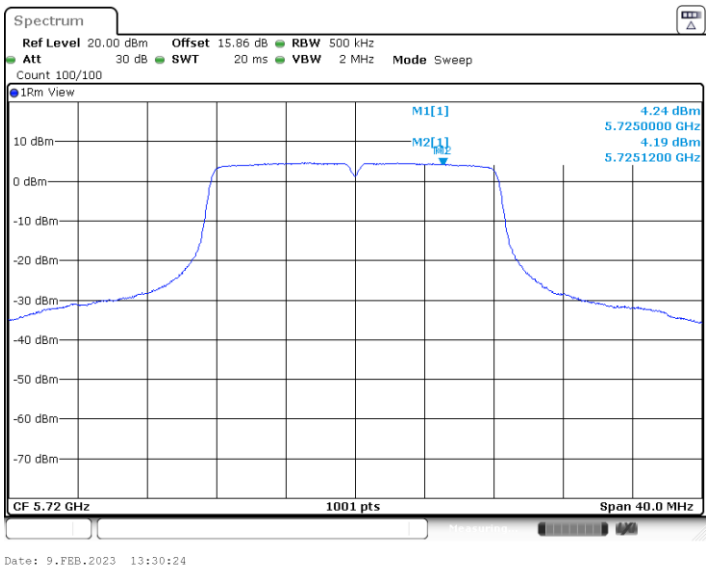
11A-CDD_Ant8_5720_UNII-2C



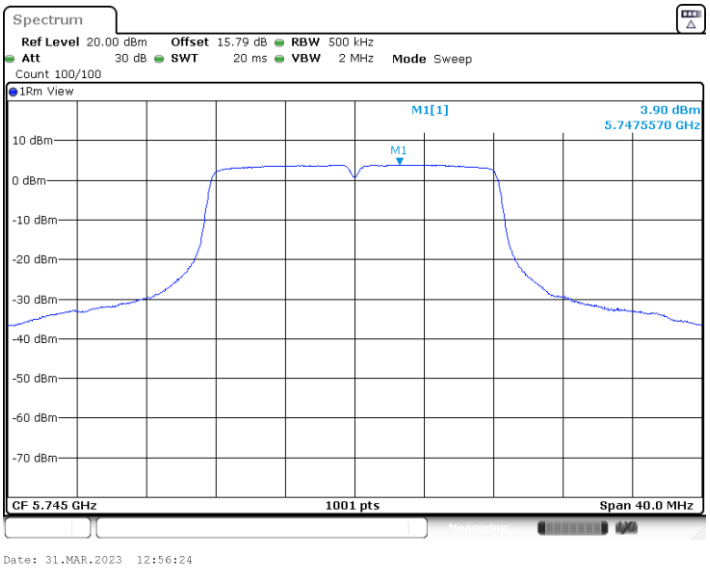
11A-CDD_Ant7_5720_UNII-3



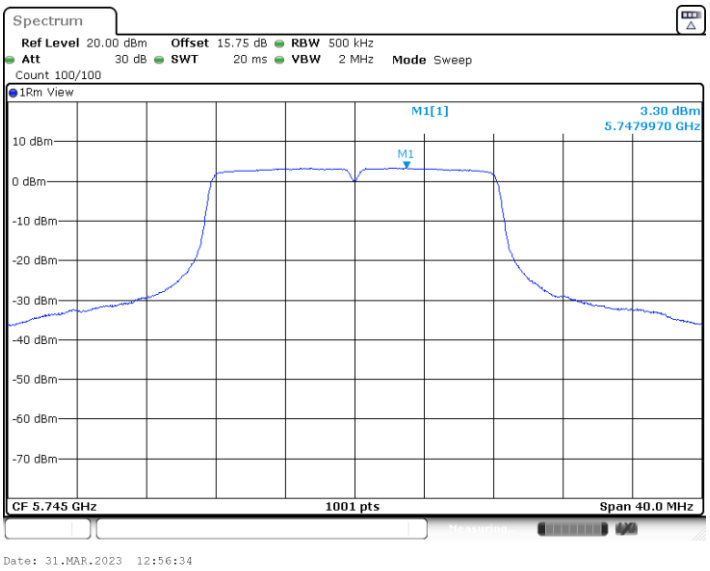
11A-CDD_Ant8_5720_UNII-3



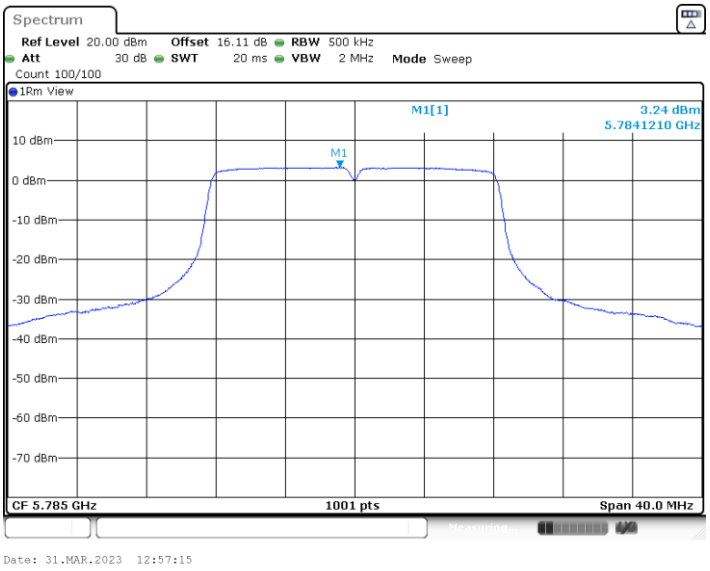
11A-CDD_Ant7_5745



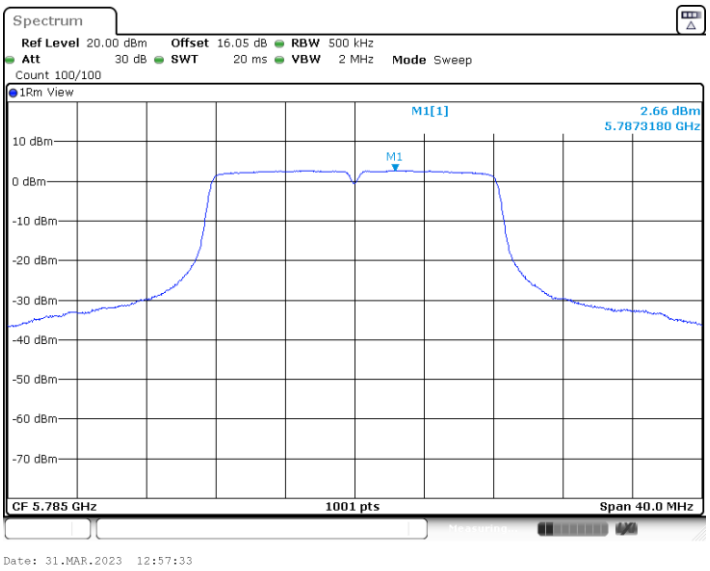
11A-CDD_Ant8_5745



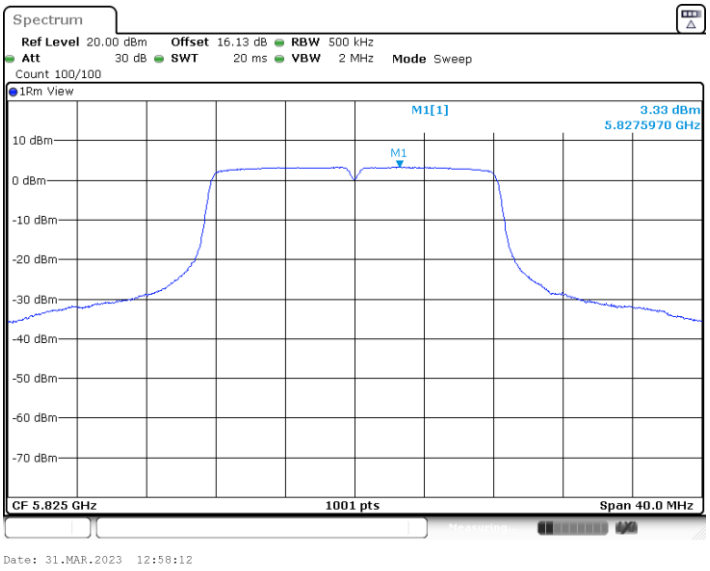
11A-CDD_Ant7_5785



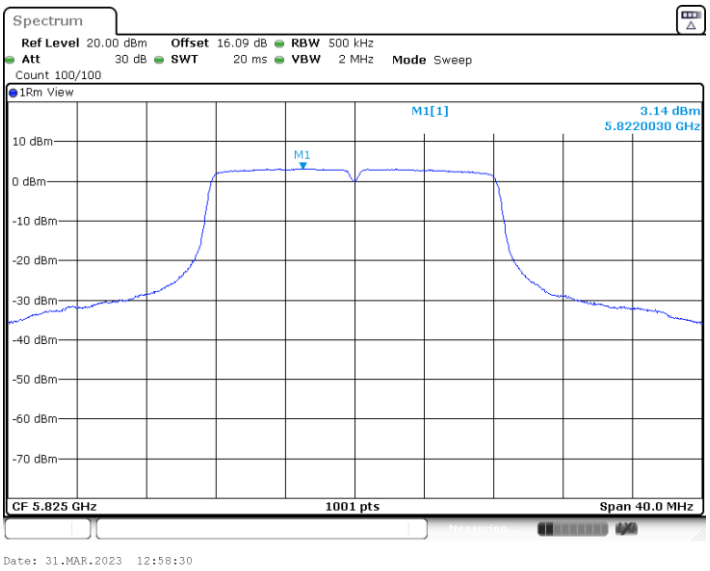
11A-CDD_Ant8_5785



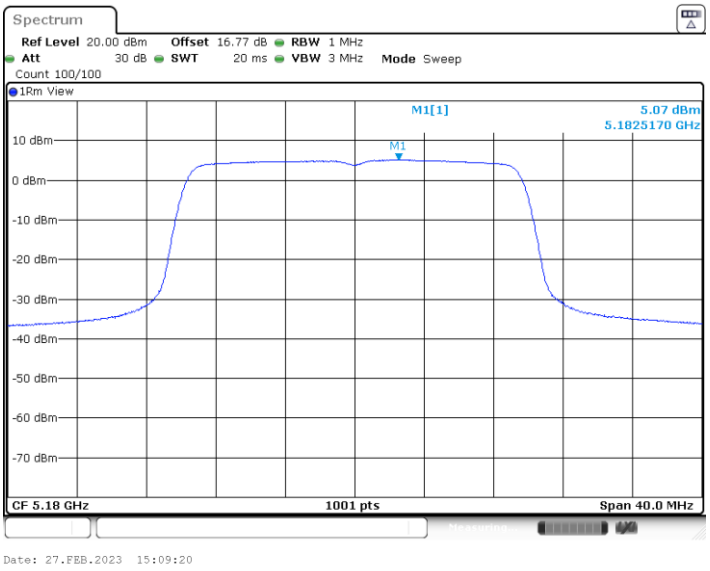
11A-CDD_Ant7_5825



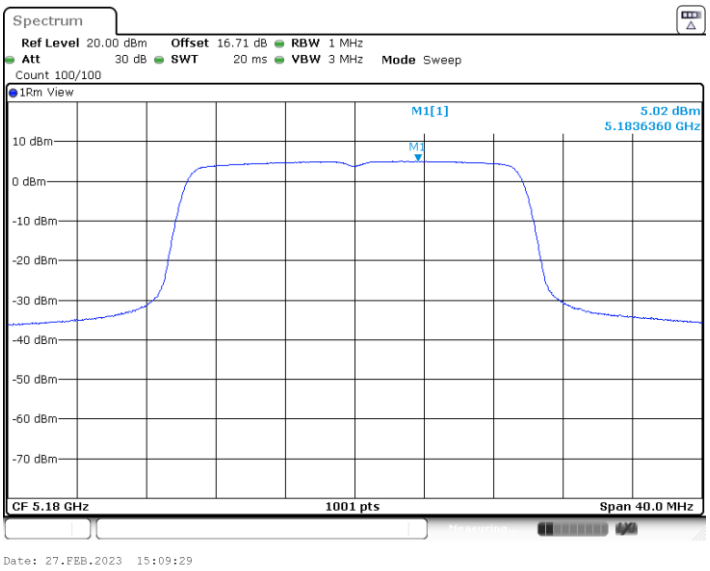
11A-CDD_Ant8_5825



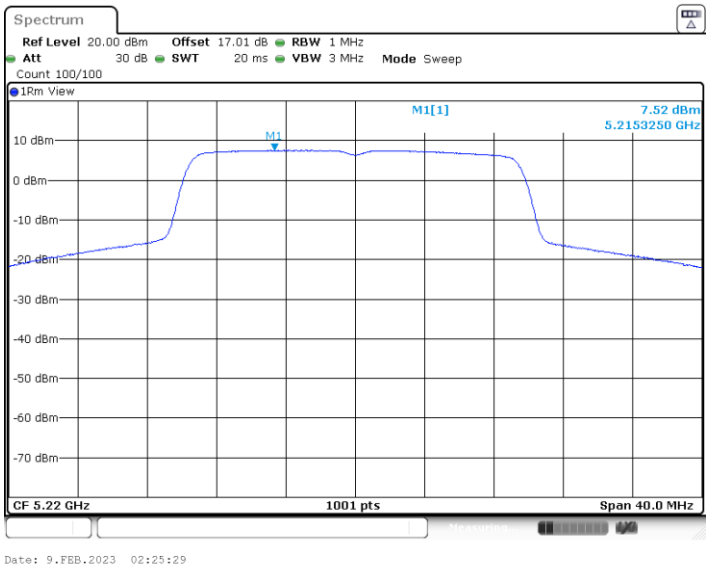
11AX20MIMO_Ant7_5180



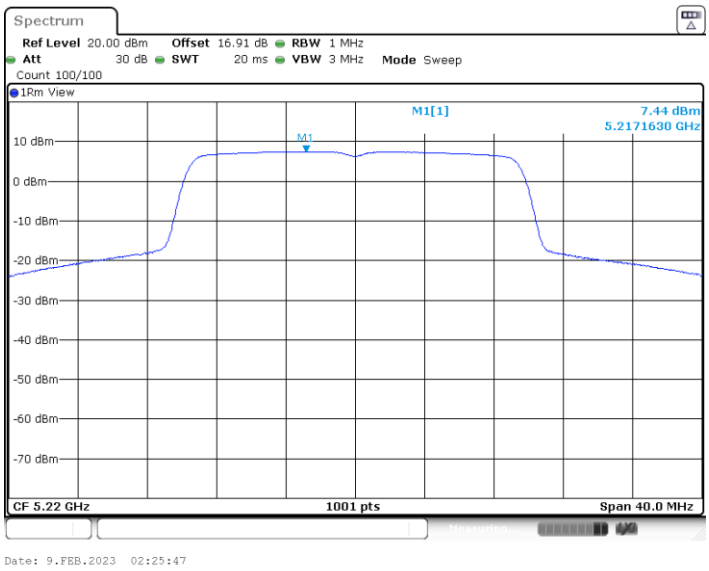
11AX20MIMO_Ant8_5180



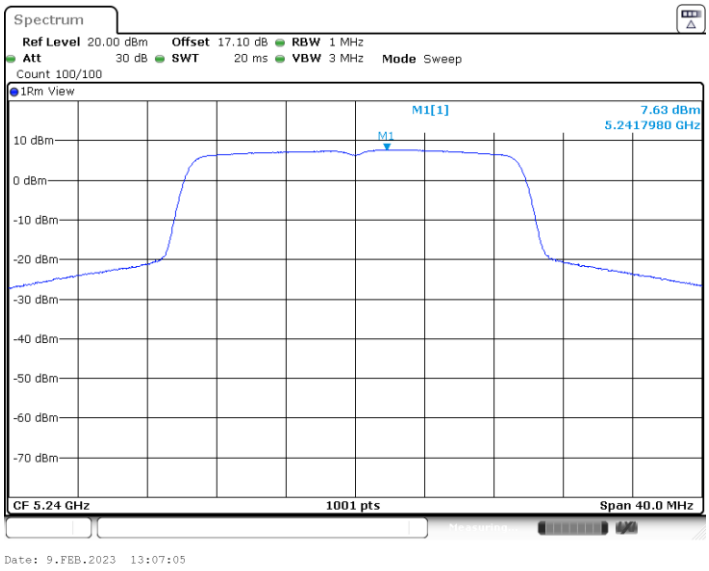
11AX20MIMO_Ant7_5220



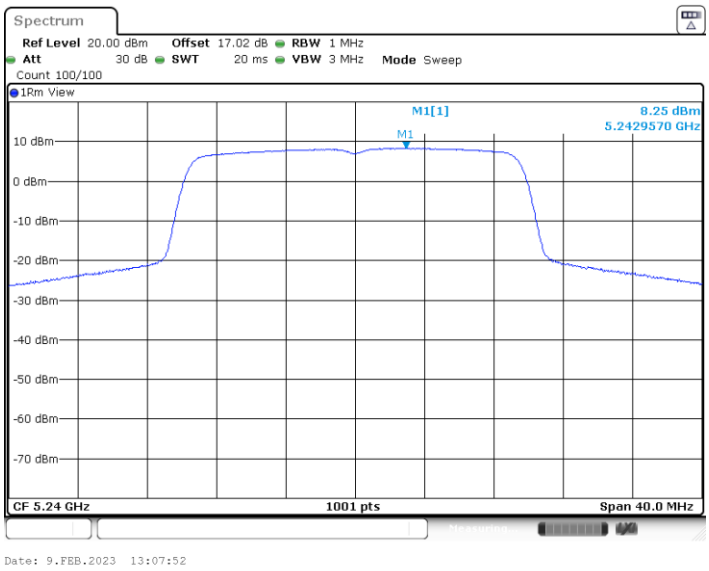
11AX20MIMO_Ant8_5220



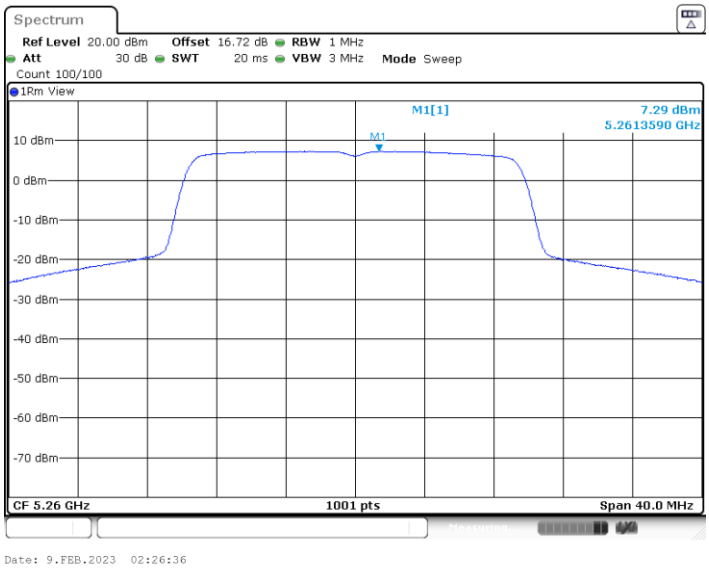
11AX20MIMO_Ant7_5240



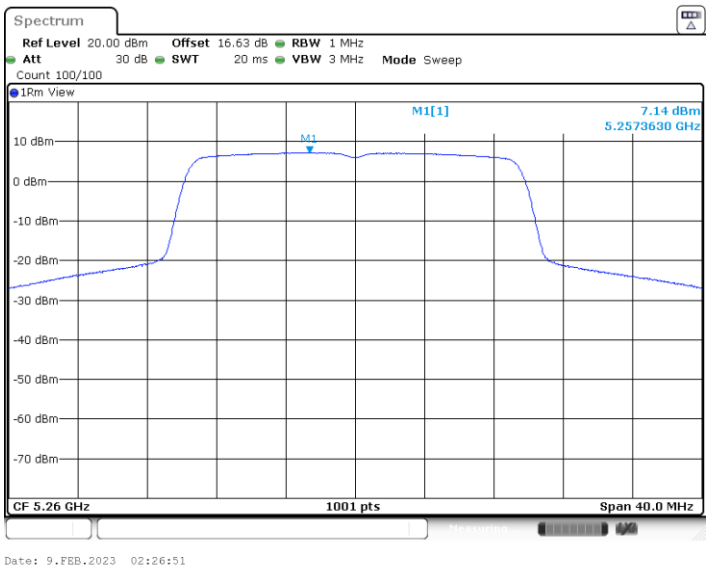
11AX20MIMO_Ant8_5240



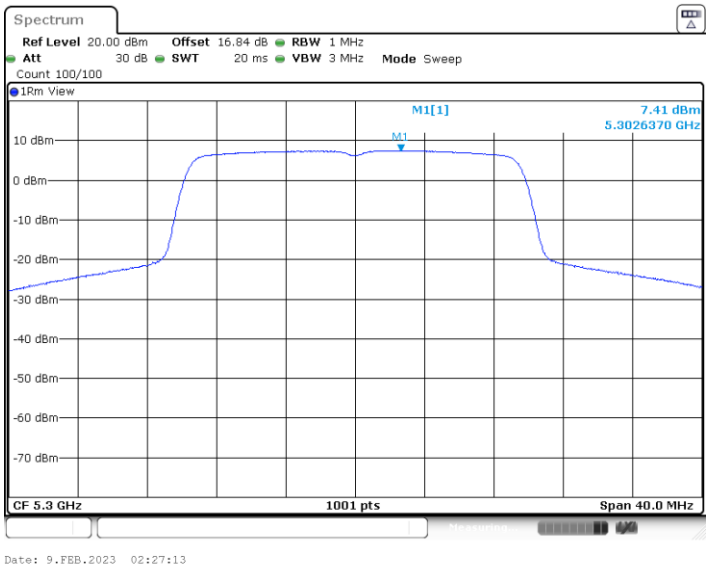
11AX20MIMO_Ant7_5260



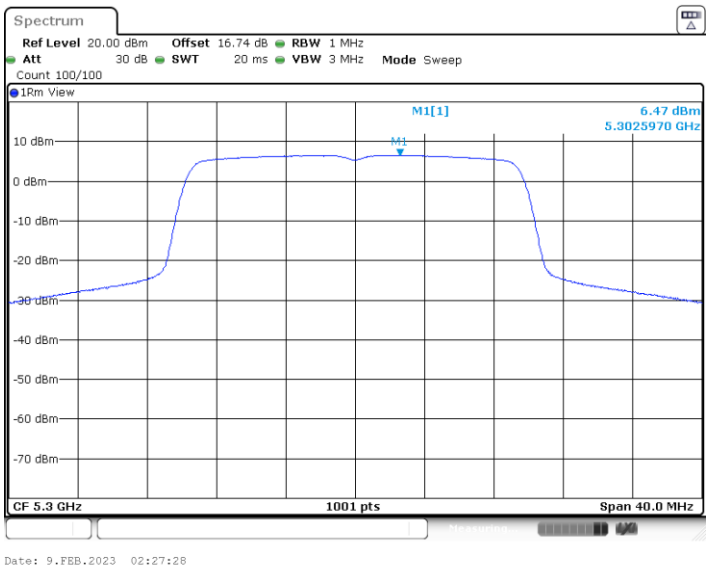
11AX20MIMO_Ant8_5260



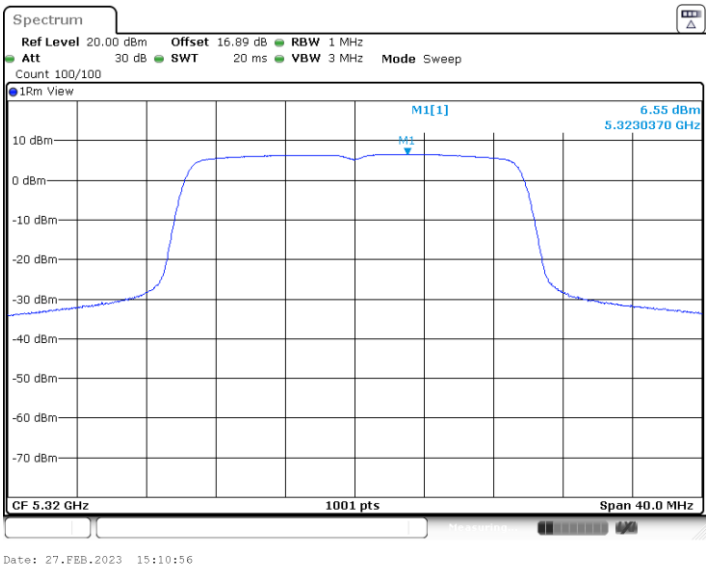
11AX20MIMO_Ant7_5300



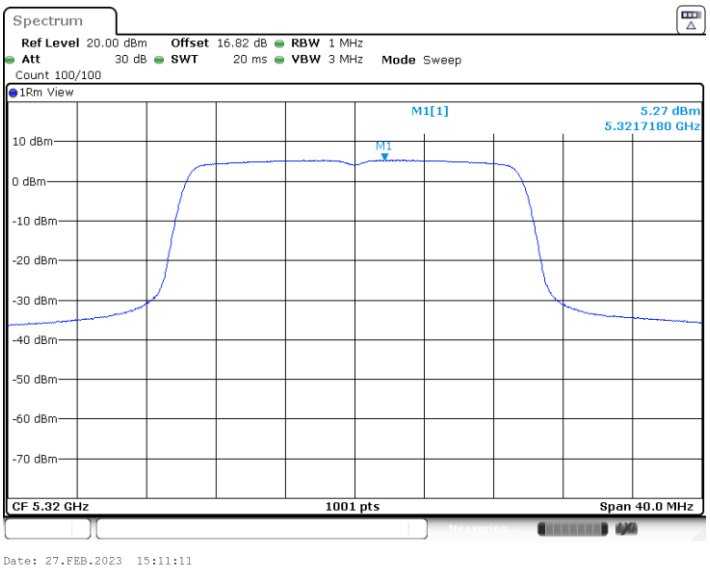
11AX20MIMO_Ant8_5300



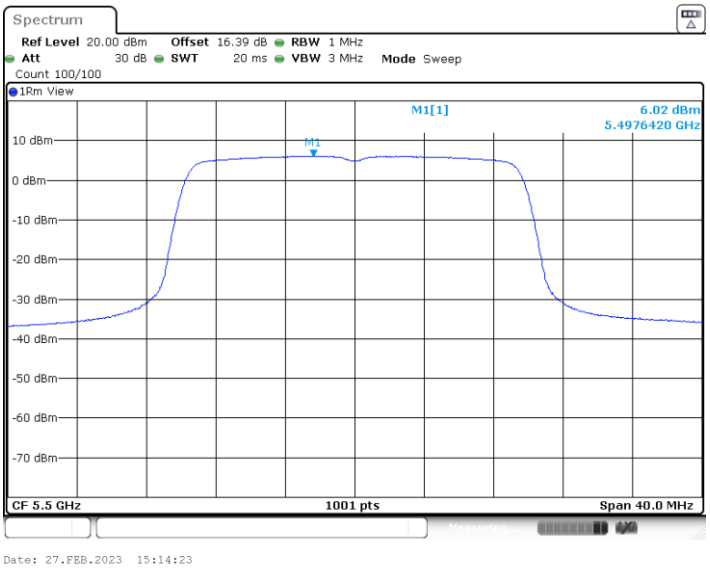
11AX20MIMO_Ant7_5320



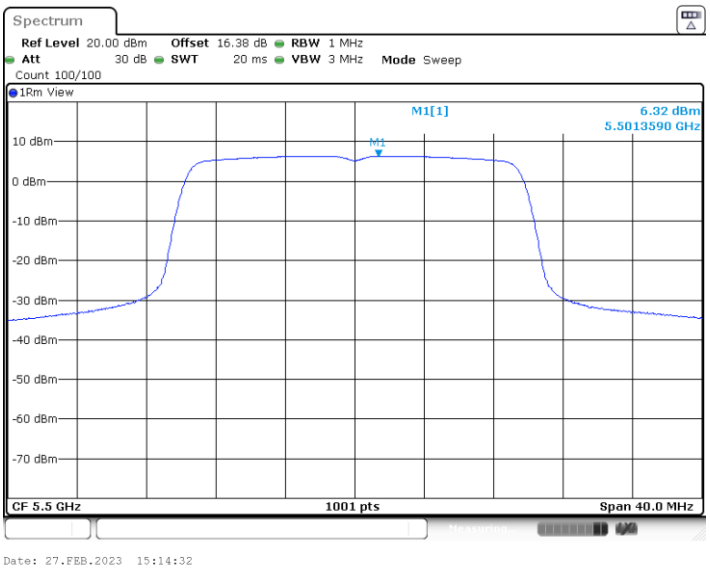
11AX20MIMO_Ant8_5320



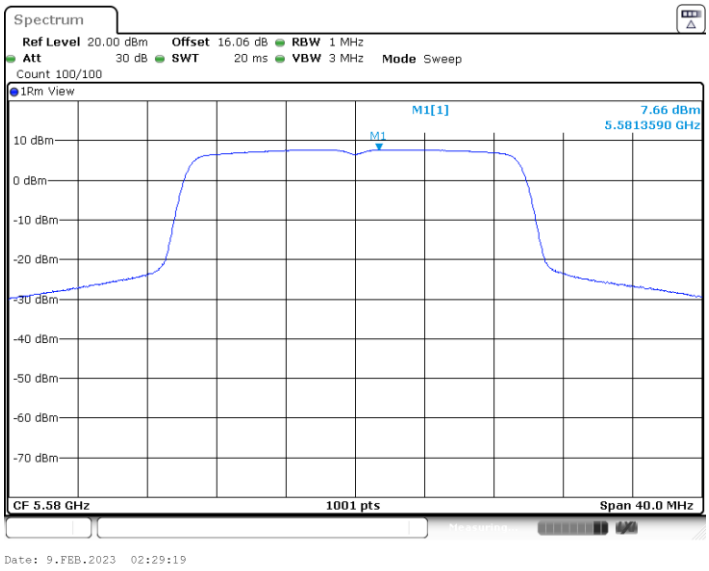
11AX20MIMO_Ant7_5500



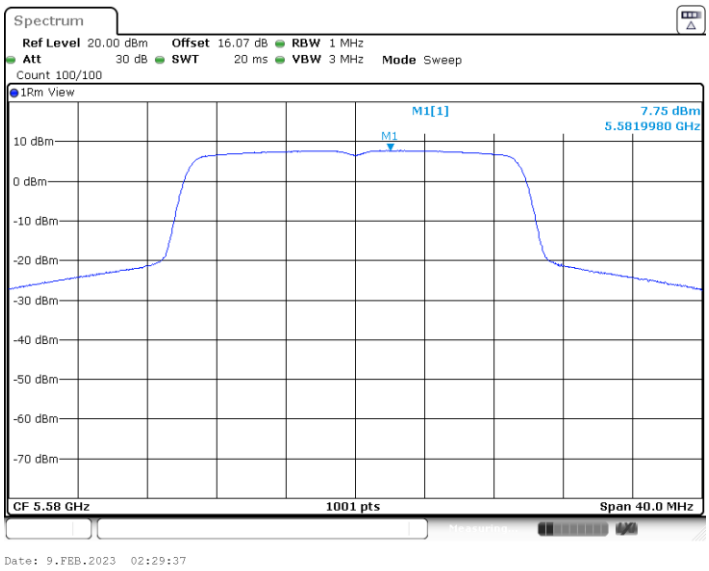
11AX20MIMO_Ant8_5500



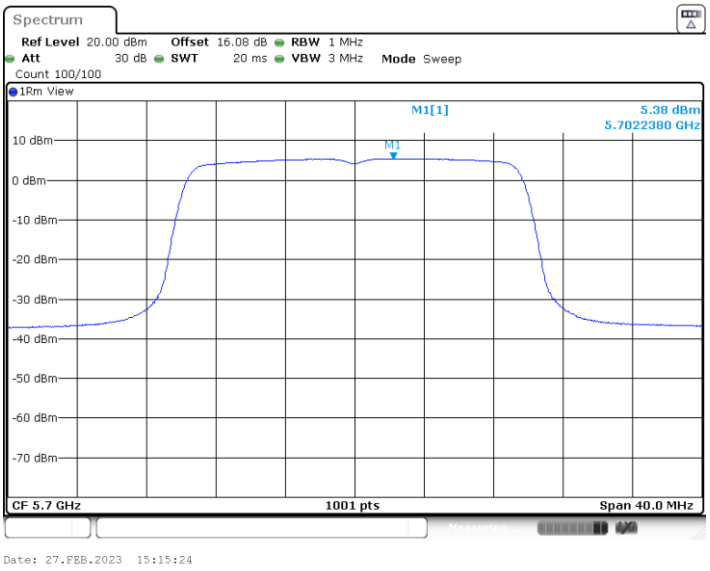
11AX20MIMO_Ant7_5580



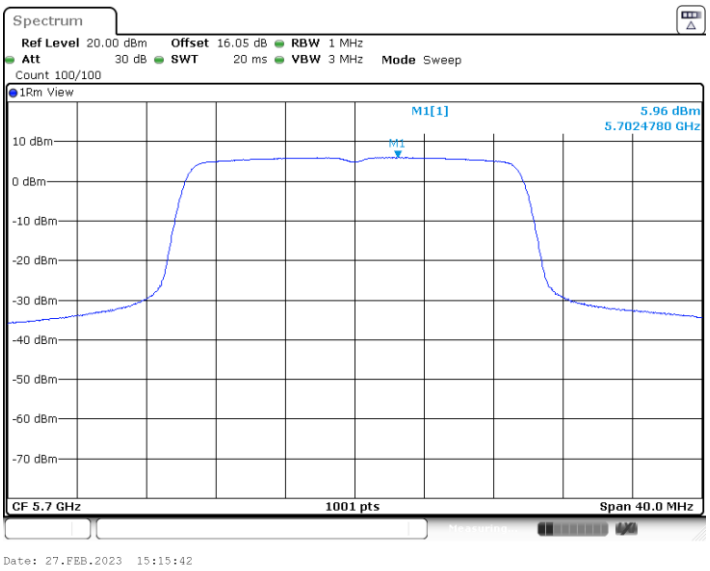
11AX20MIMO_Ant8_5580



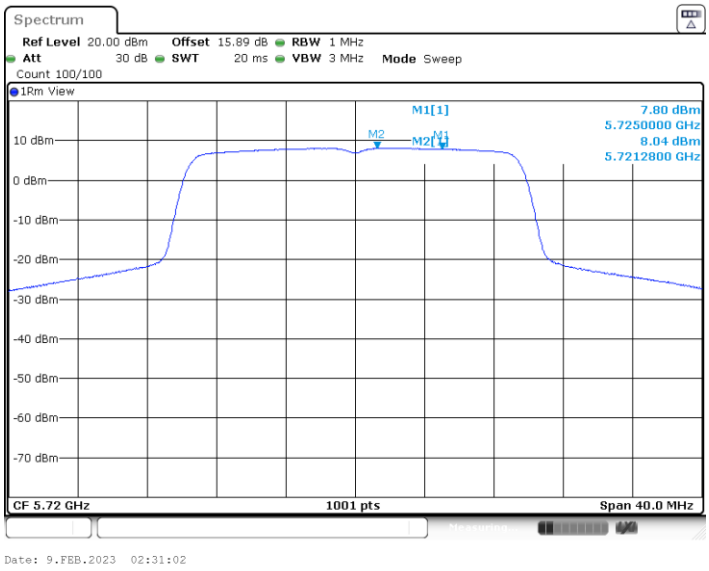
11AX20MIMO_Ant7_5700



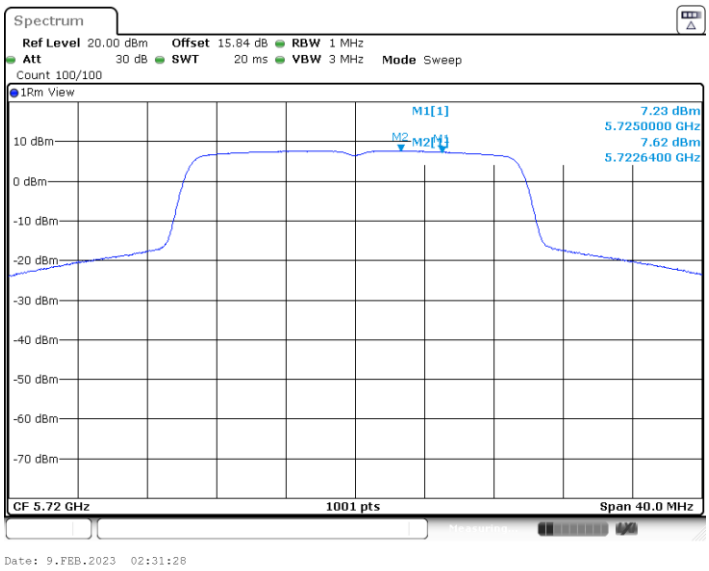
11AX20MIMO_Ant8_5700



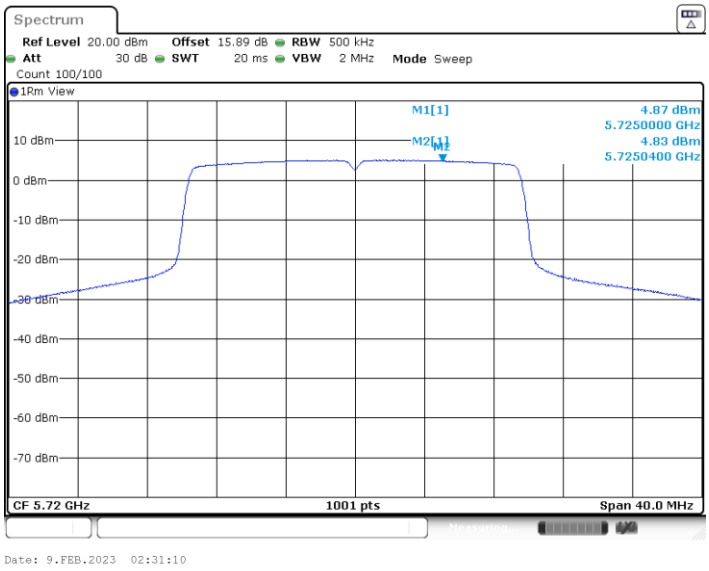
11AX20MIMO_Ant7_5720_UNII-2C



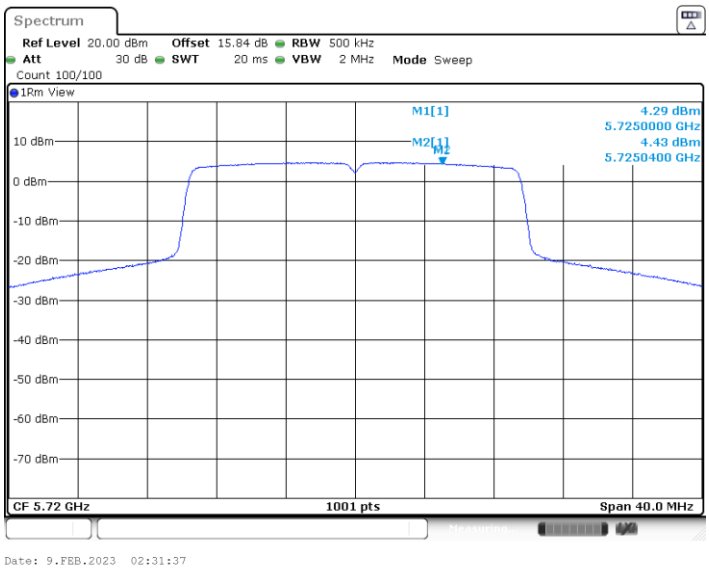
11AX20MIMO_Ant8_5720_UNII-2C



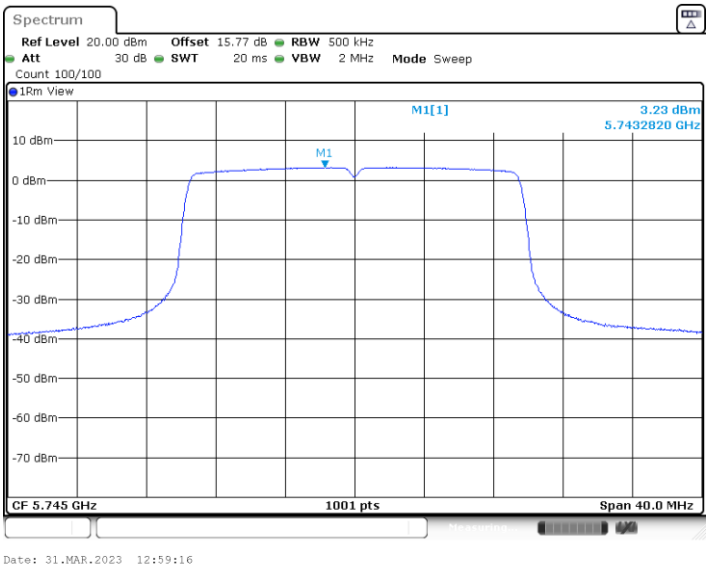
11AX20MIMO_Ant7_5720_UNII-3



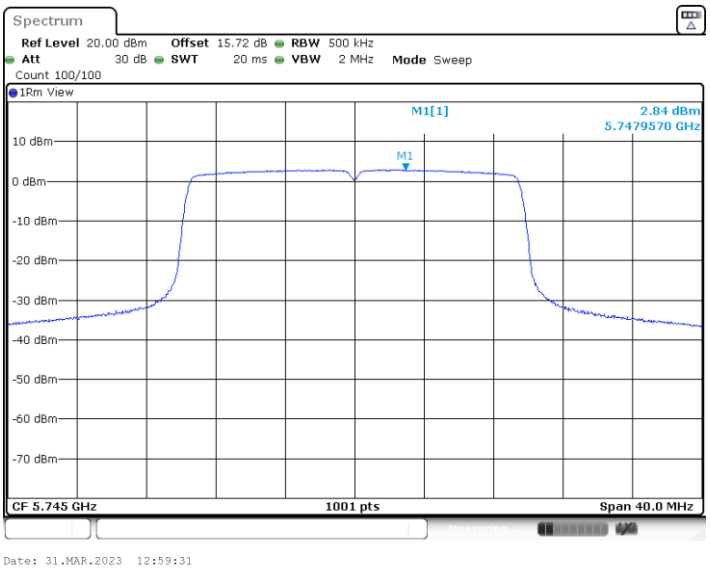
11AX20MIMO_Ant8_5720_UNII-3



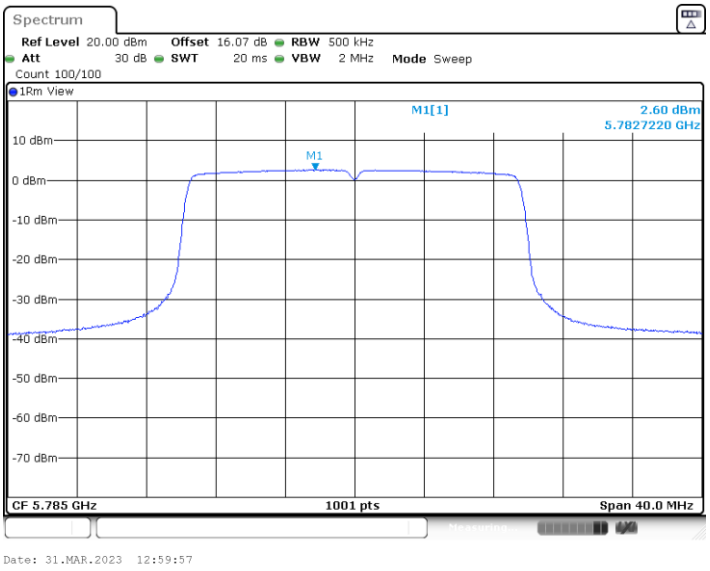
11AX20MIMO_Ant7_5745



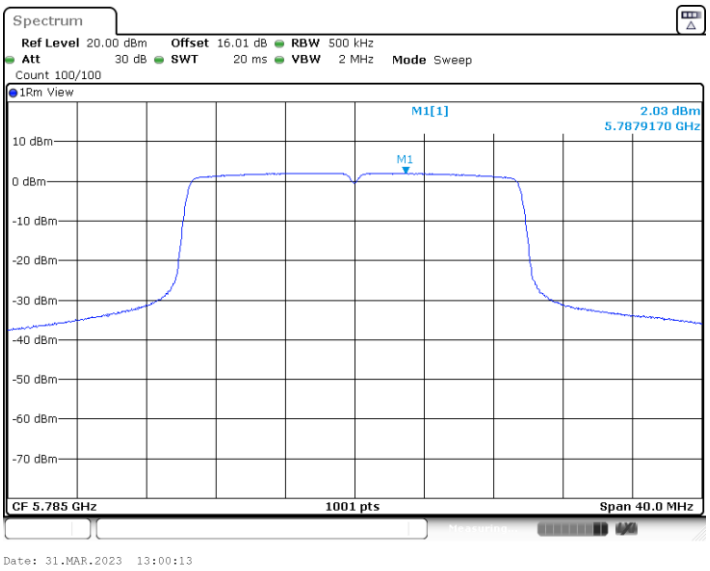
11AX20MIMO_Ant8_5745



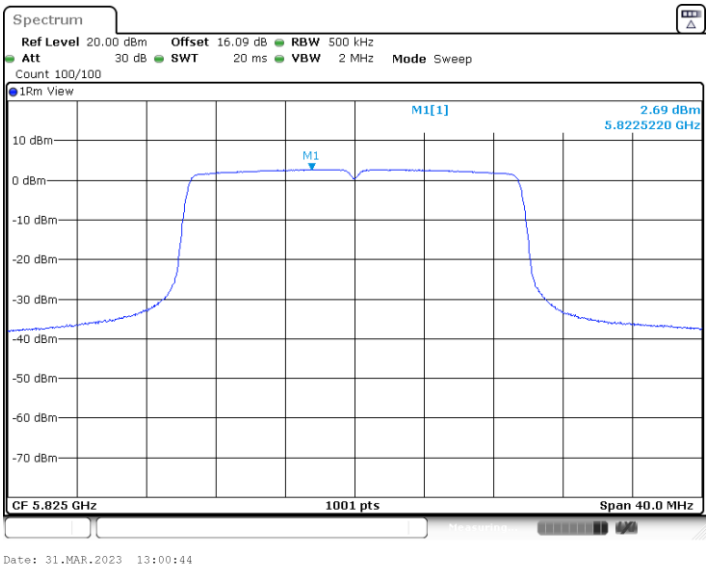
11AX20MIMO_Ant7_5785



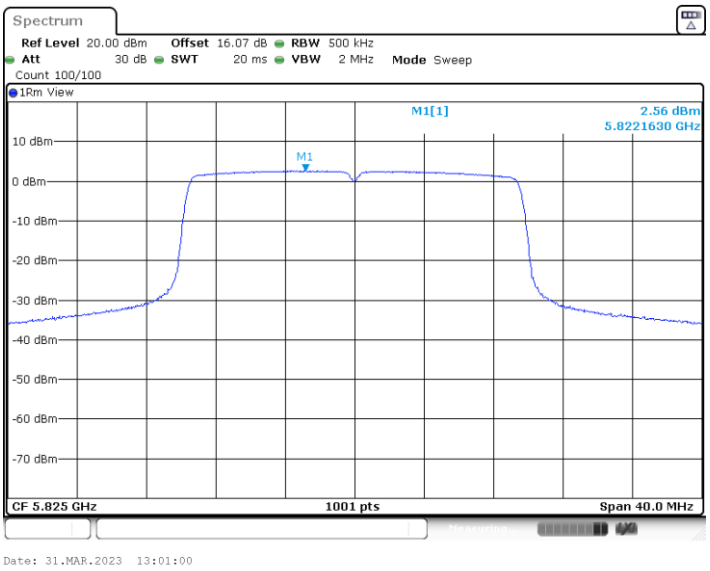
11AX20MIMO_Ant8_5785



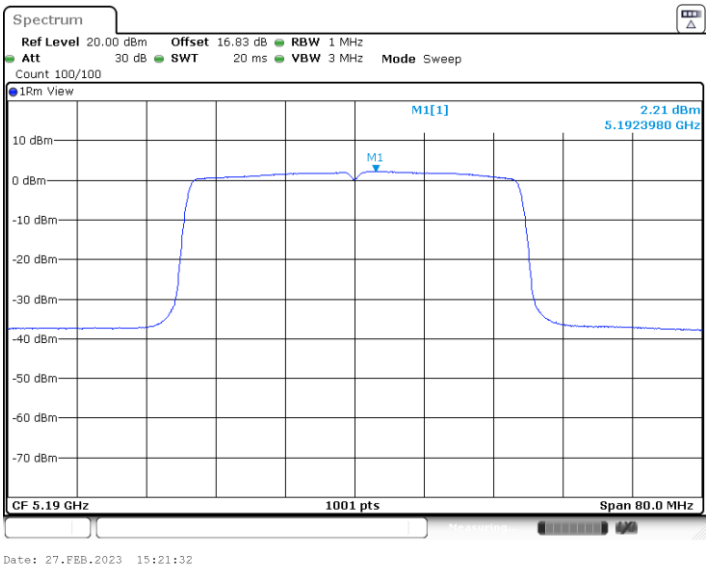
11AX20MIMO_Ant7_5825



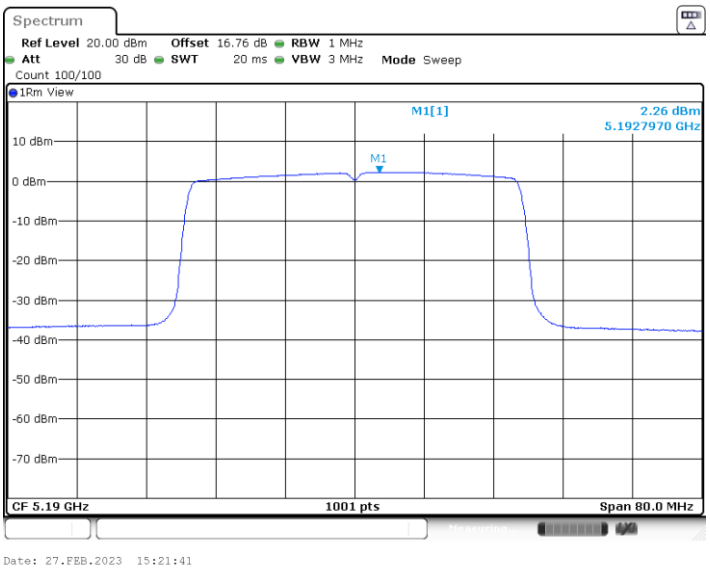
11AX20MIMO_Ant8_5825



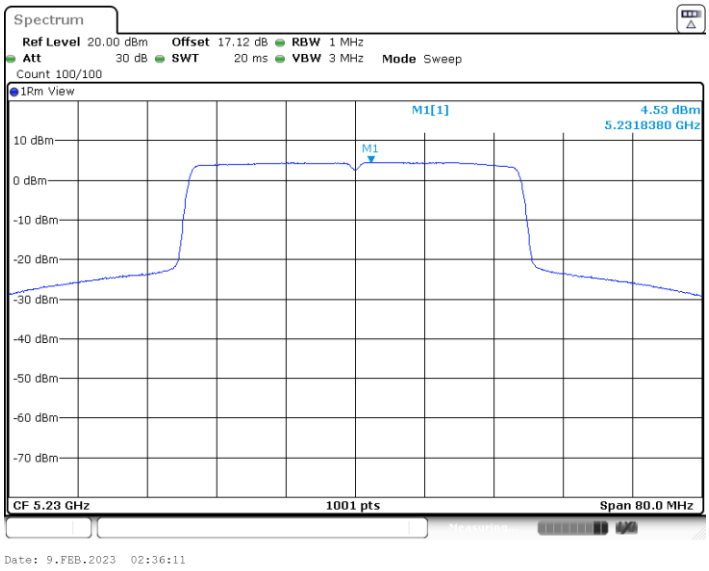
11AX40MIMO_Ant7_5190



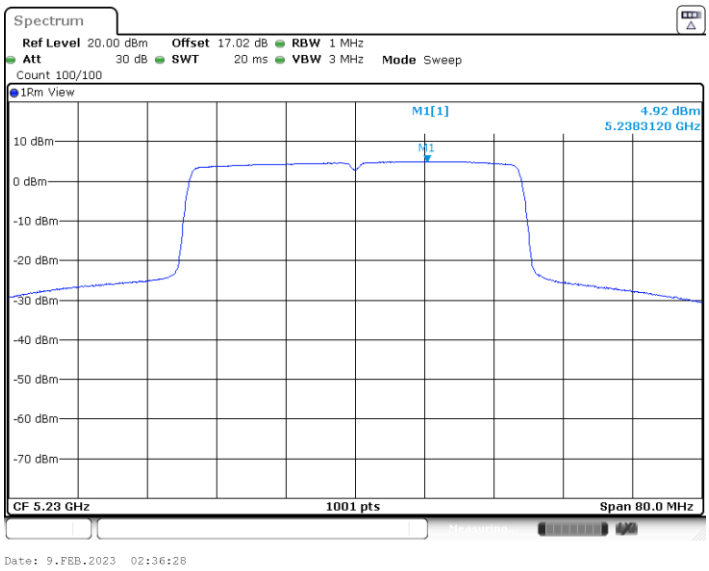
11AX40MIMO_Ant8_5190



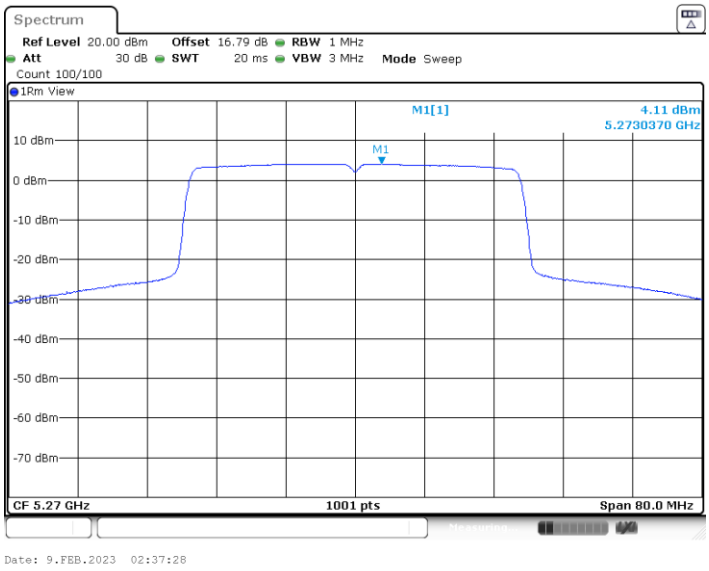
11AX40MIMO_Ant7_5230



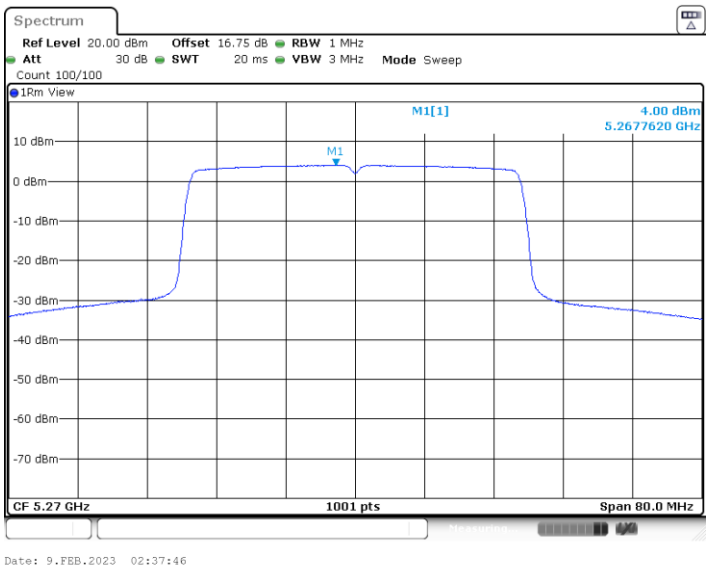
11AX40MIMO_Ant8_5230



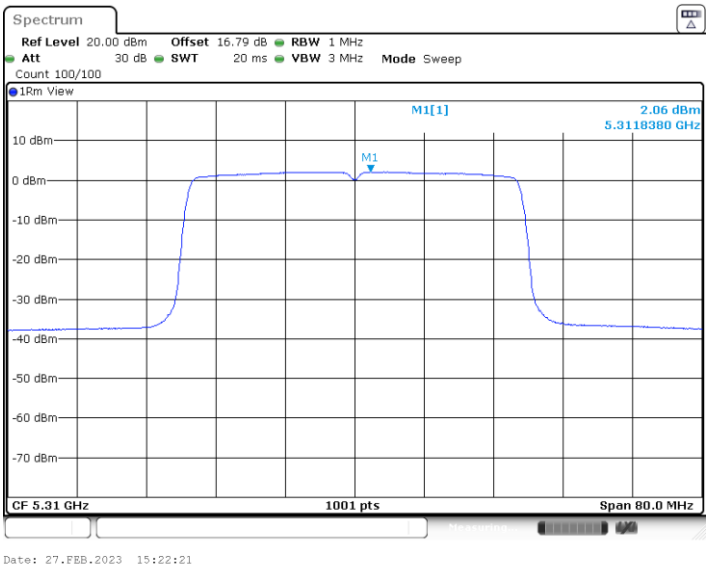
11AX40MIMO_Ant7_5270



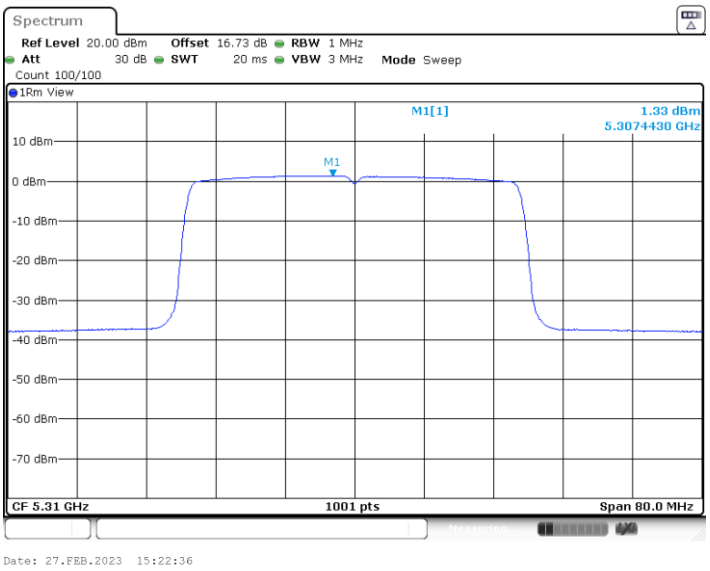
11AX40MIMO_Ant8_5270



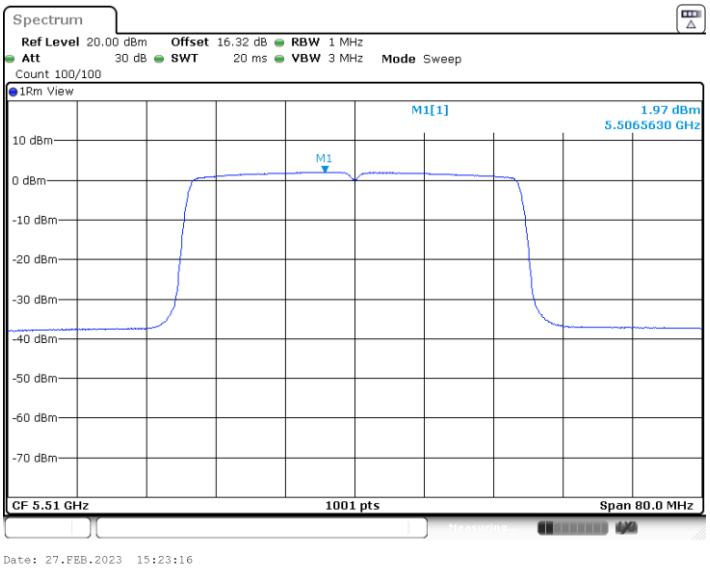
11AX40MIMO_Ant7_5310



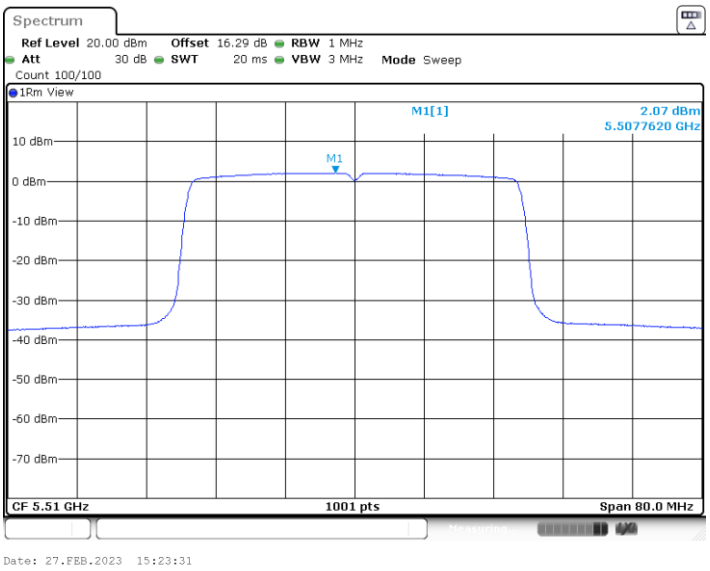
11AX40MIMO_Ant8_5310



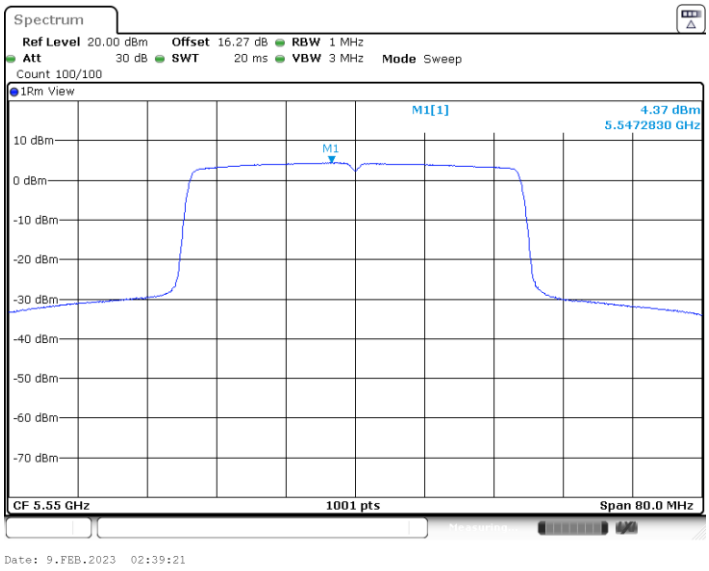
11AX40MIMO_Ant7_5510



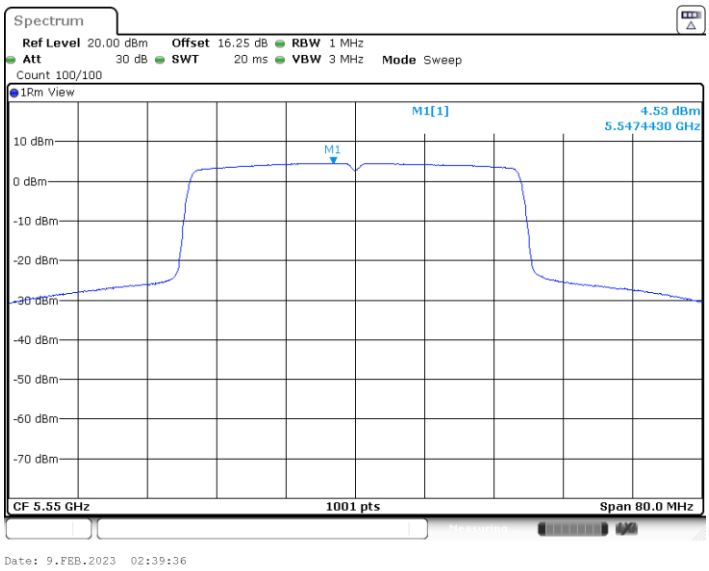
11AX40MIMO_Ant8_5510



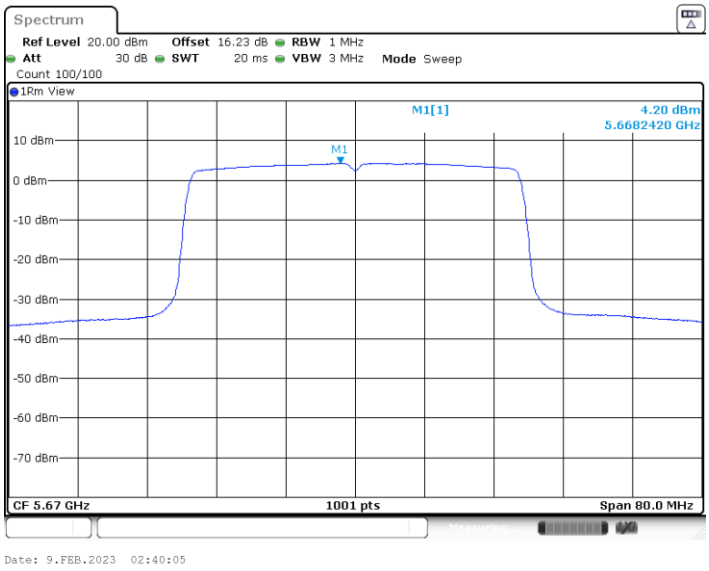
11AX40MIMO_Ant7_5550



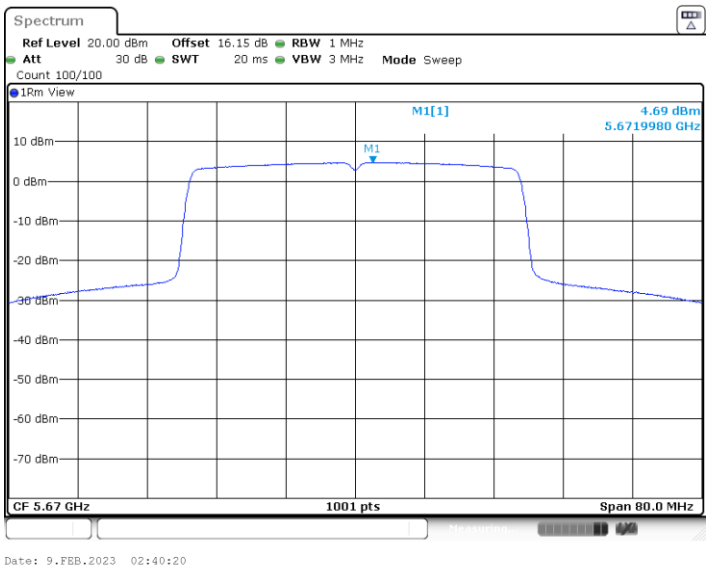
11AX40MIMO_Ant8_5550



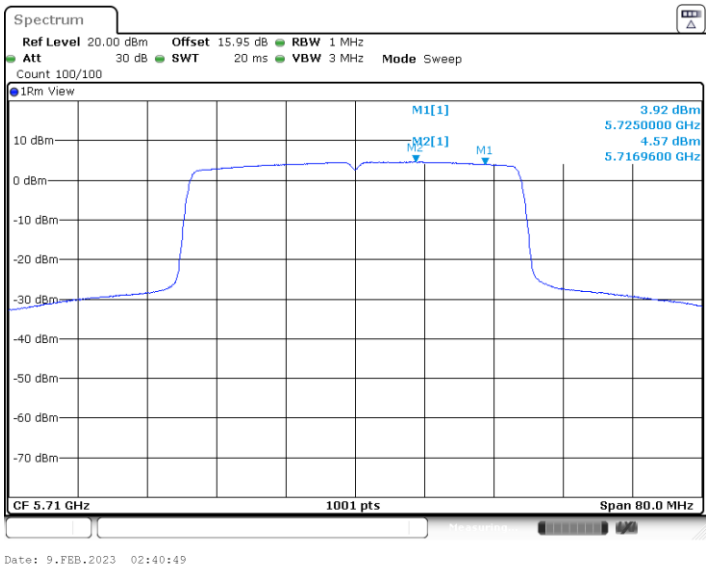
11AX40MIMO_Ant7_5670



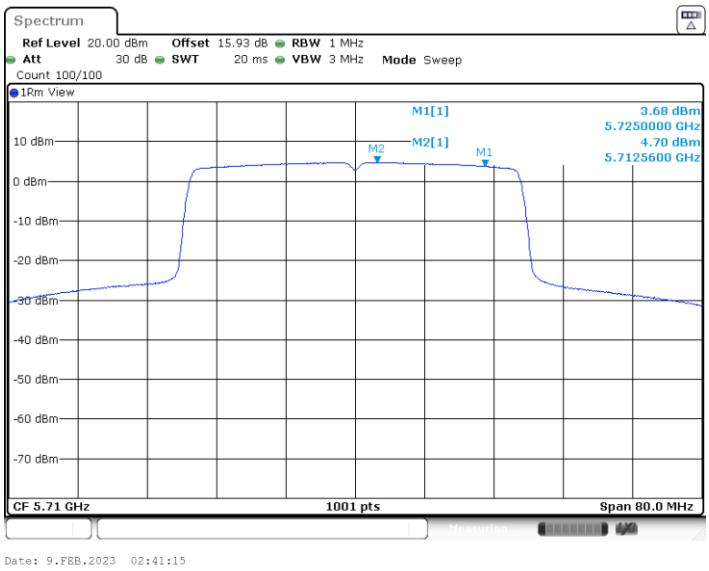
11AX40MIMO_Ant8_5670



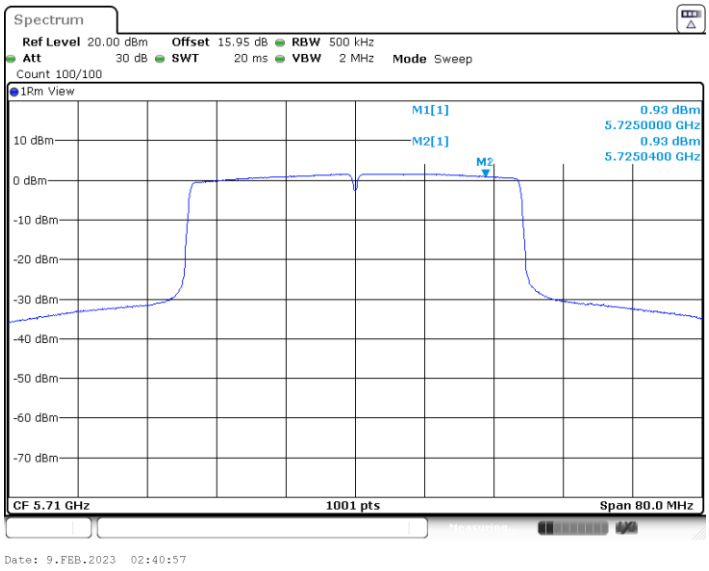
11AX40MIMO_Ant7_5710_UNII-2C



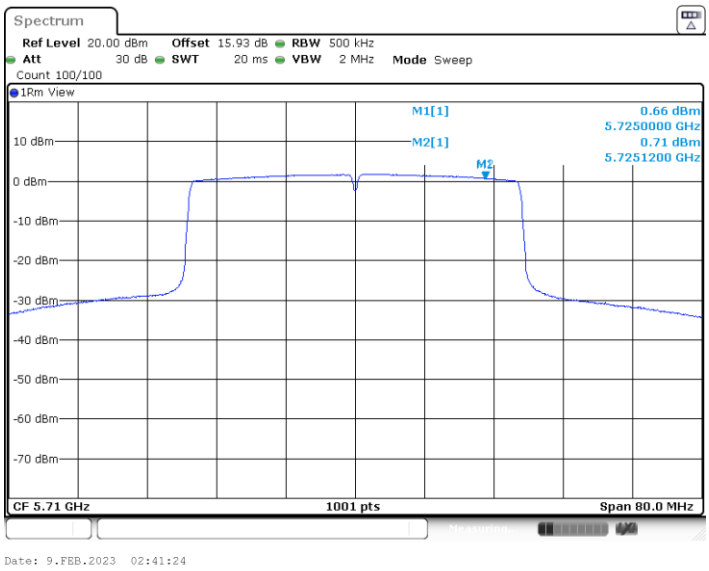
11AX40MIMO_Ant8_5710_UNII-2C



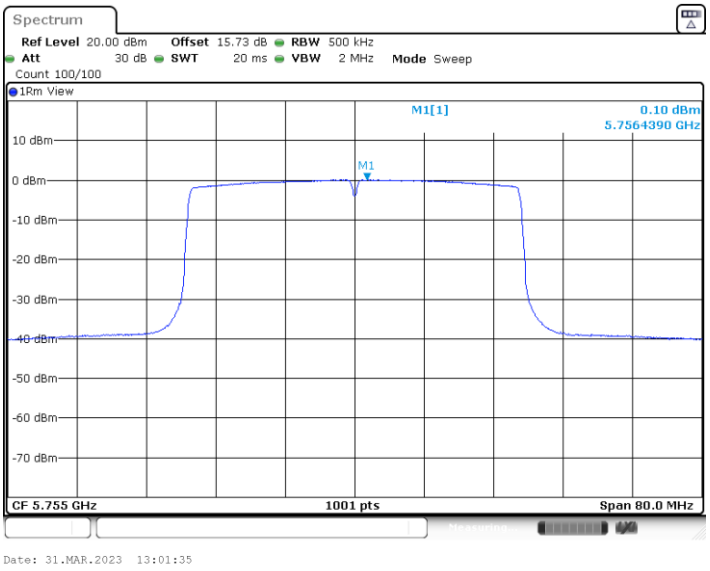
11AX40MIMO_Ant7_5710_UNII-3



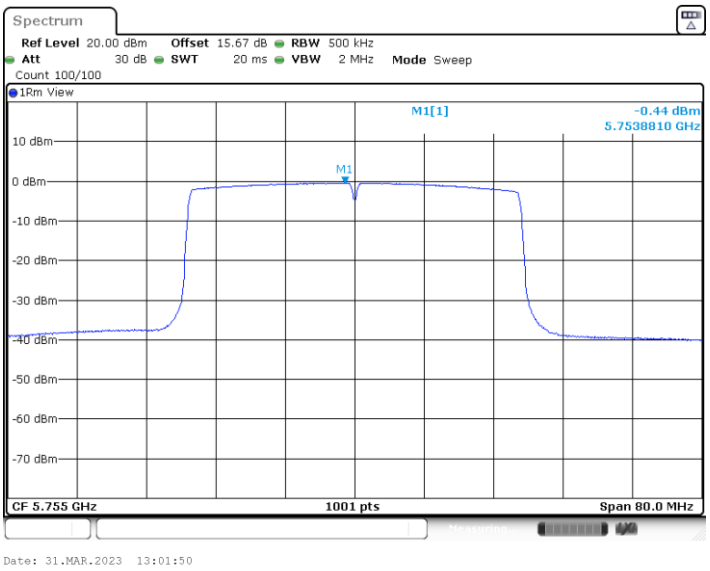
11AX40MIMO_Ant8_5710_UNII-3



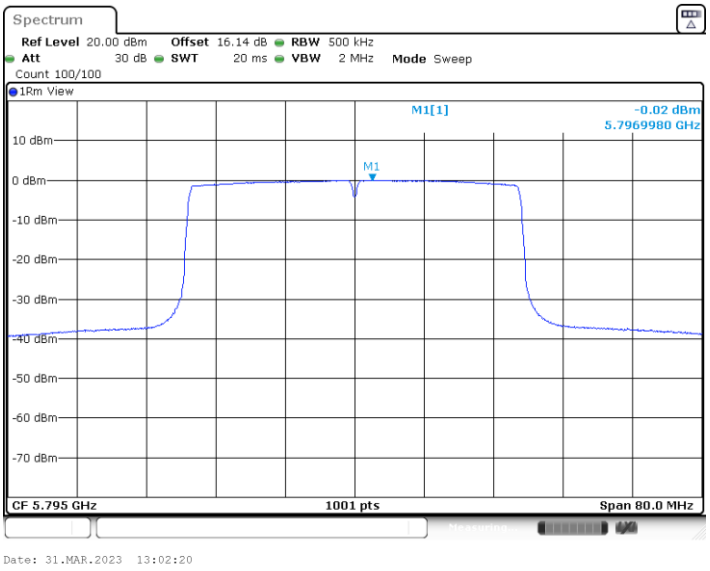
11AX40MIMO_Ant7_5755



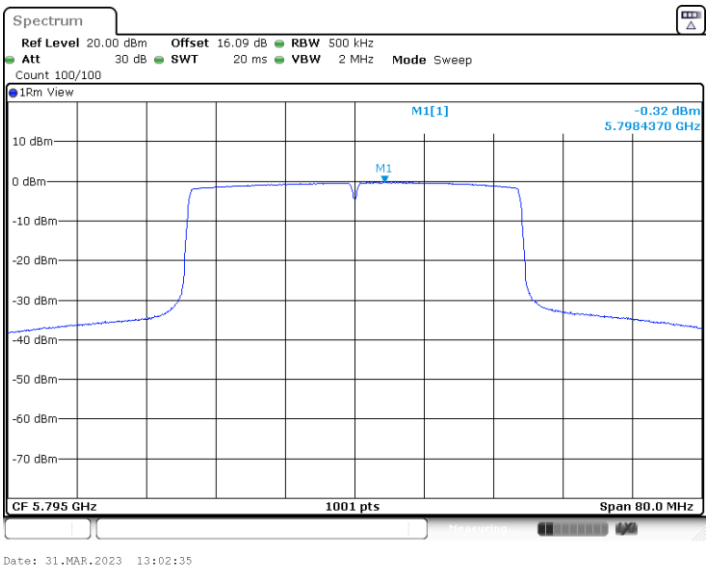
11AX40MIMO_Ant8_5755



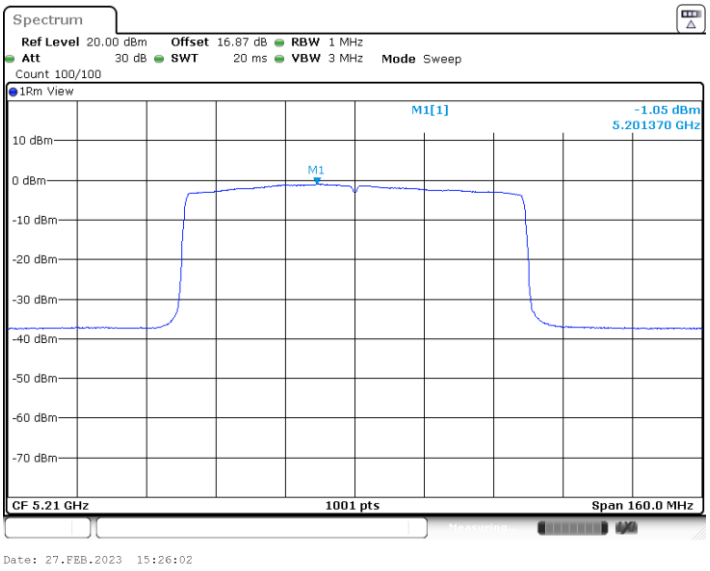
11AX40MIMO_Ant7_5795



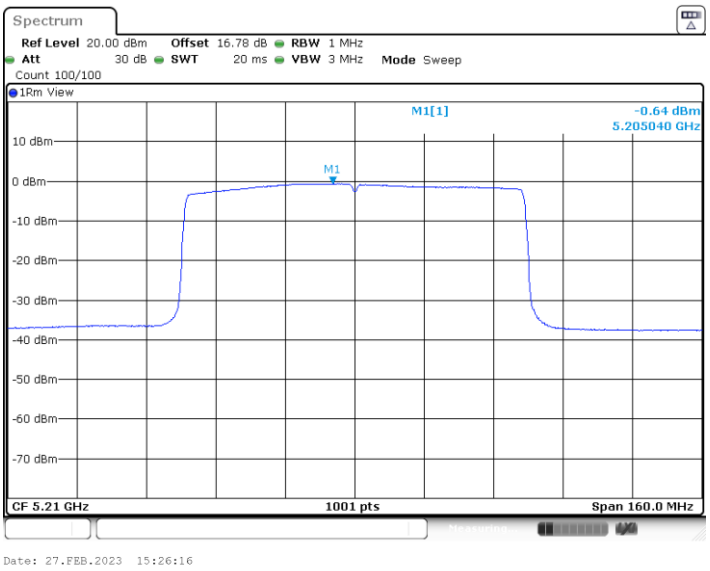
11AX40MIMO_Ant8_5795



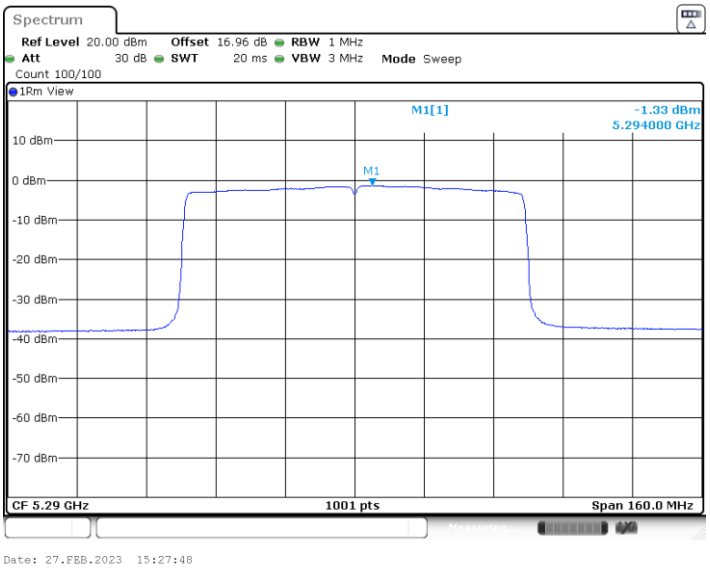
11AX80MIMO_Ant7_5210



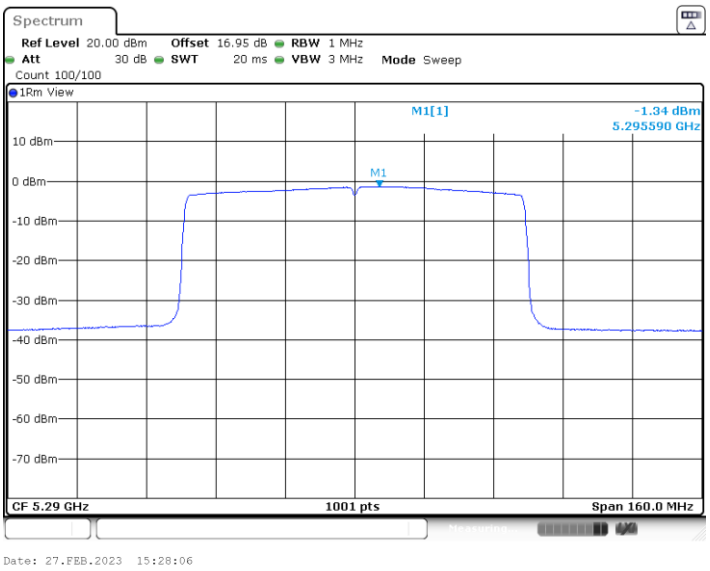
11AX80MIMO_Ant8_5210



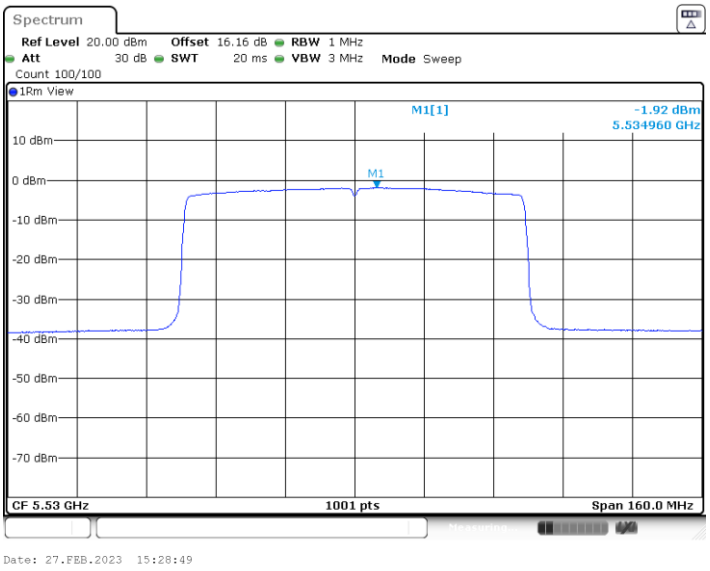
11AX80MIMO_Ant7_5290



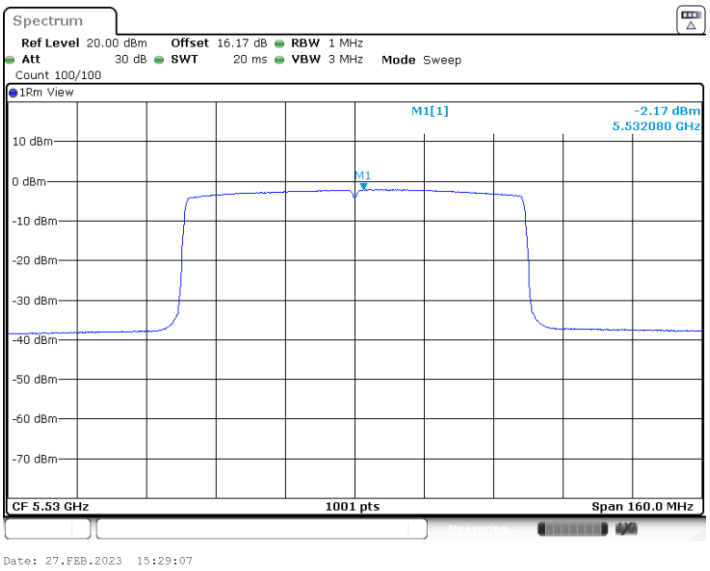
11AX80MIMO_Ant8_5290



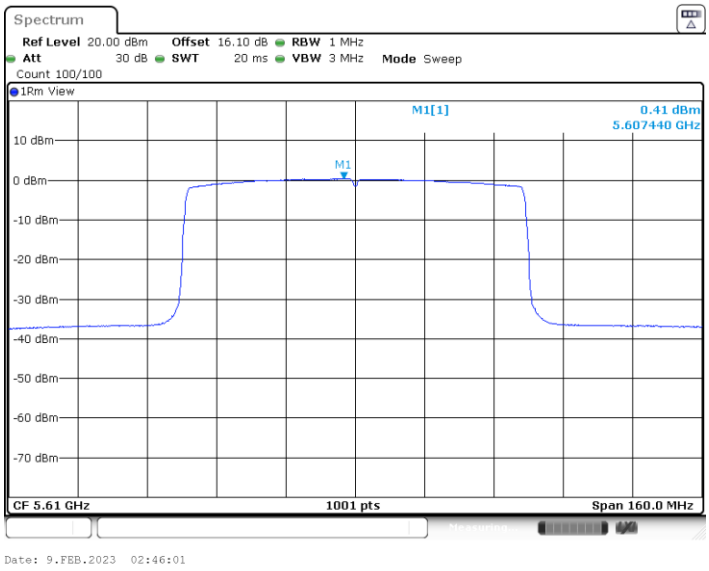
11AX80MIMO_Ant7_5530



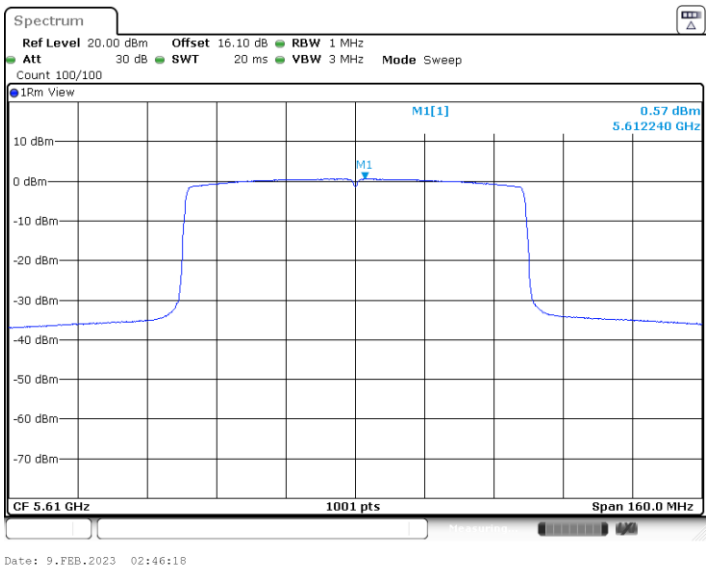
11AX80MIMO_Ant8_5530



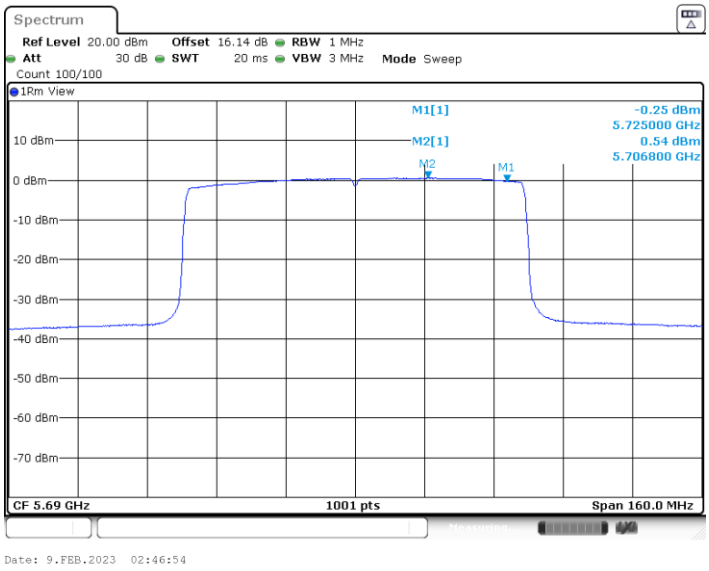
11AX80MIMO_Ant7_5610



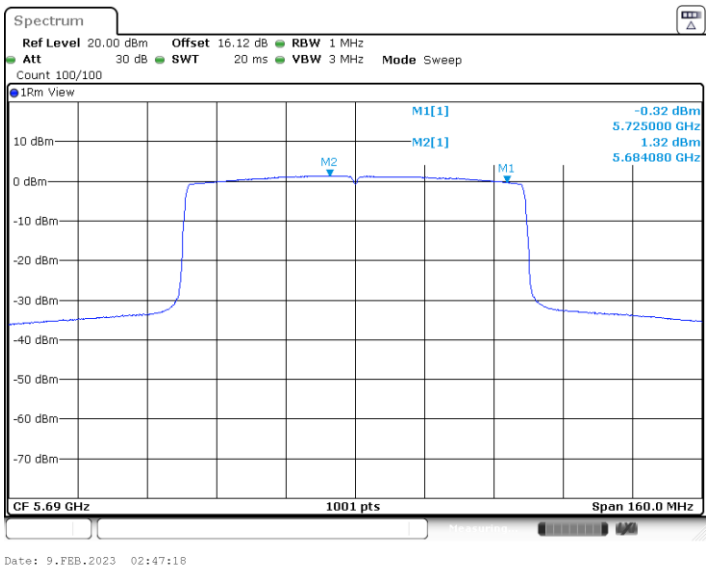
11AX80MIMO_Ant8_5610



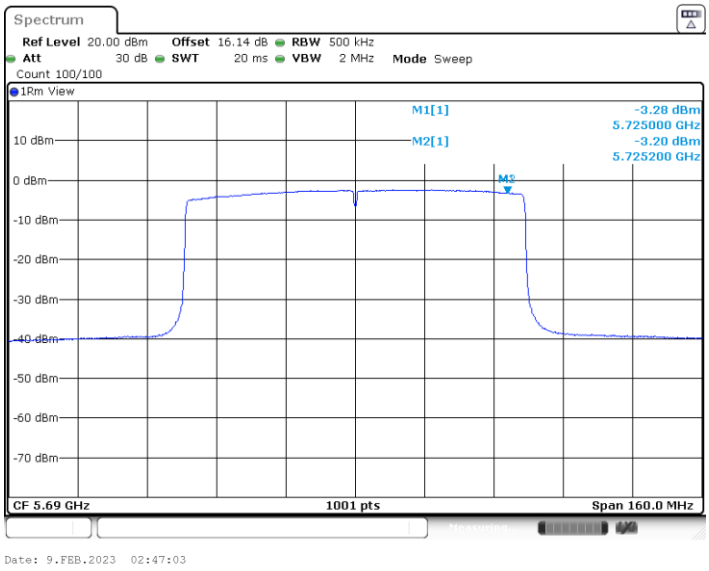
11AX80MIMO_Ant7_5690_UNII-2C



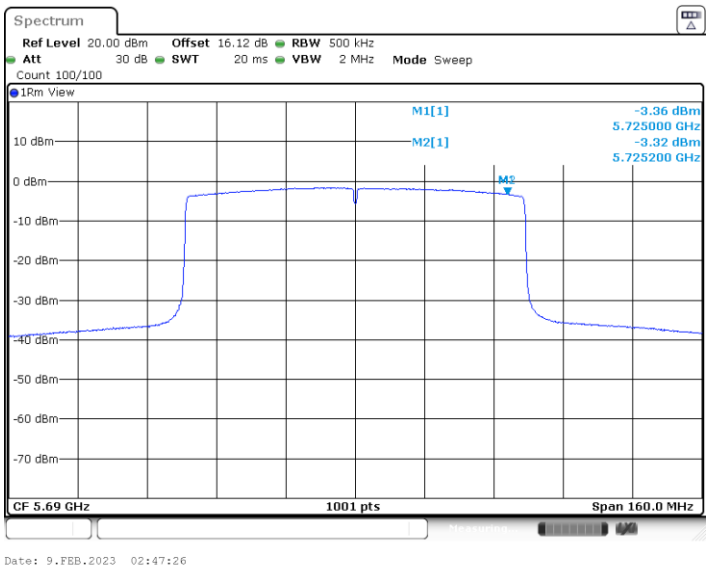
11AX80MIMO_Ant8_5690_UNII-2C



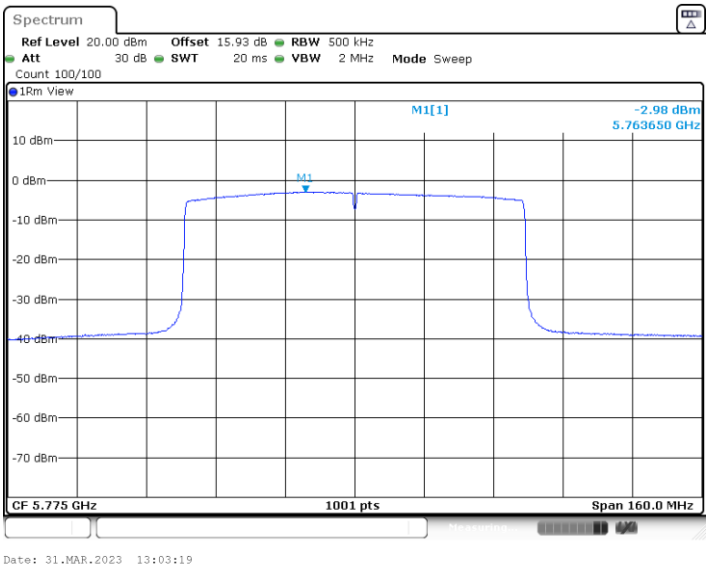
11AX80MIMO_Ant7_5690_UNII-3



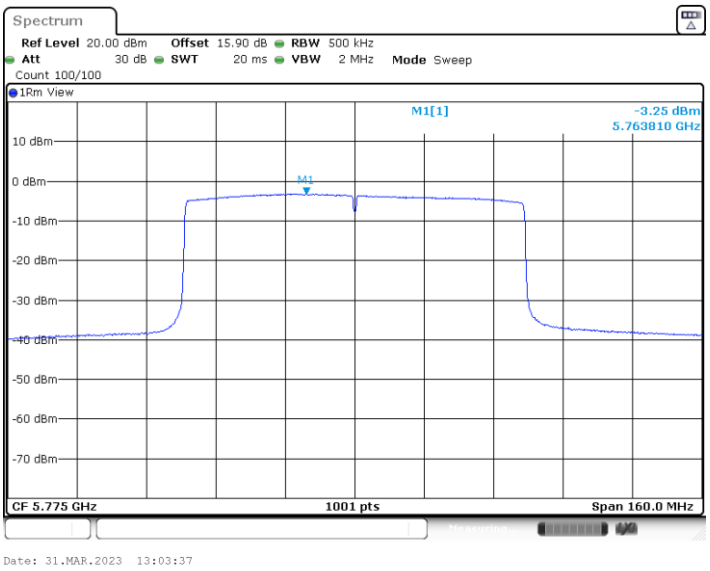
11AX80MIMO_Ant8_5690_UNII-3



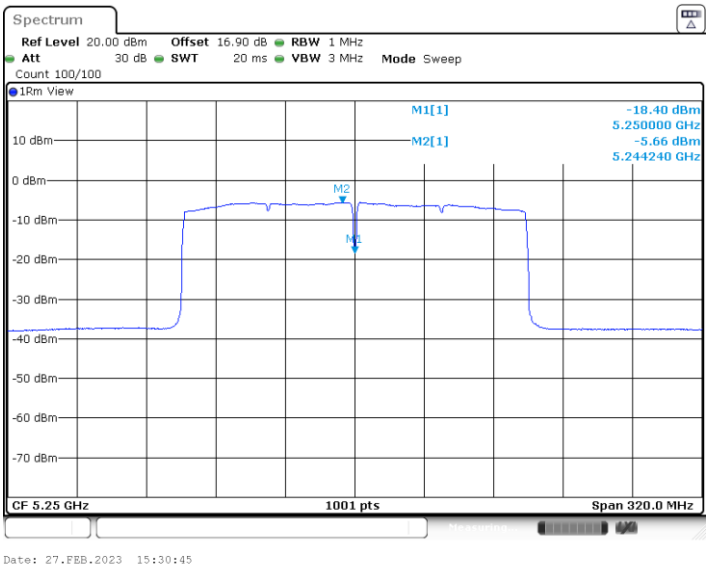
11AX80MIMO_Ant7_5775



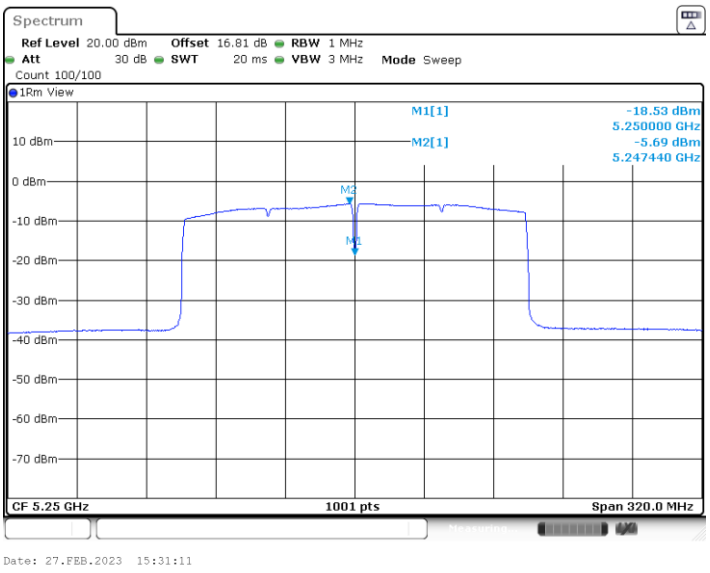
11AX80MIMO_Ant8_5775



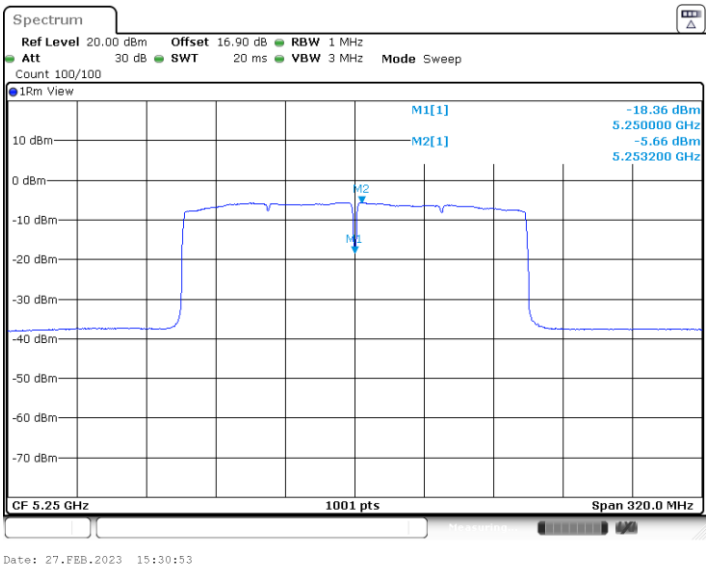
11AX160MIMO_Ant7_5250_UNII-1



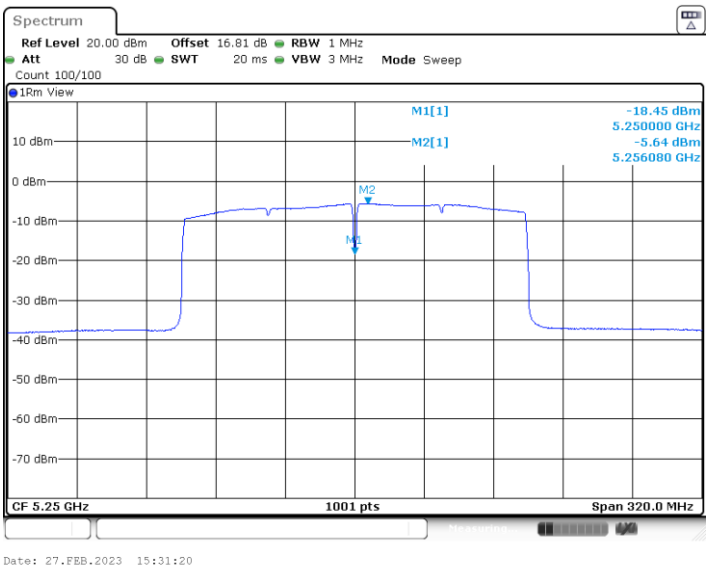
11AX160MIMO_Ant8_5250_UNII-1



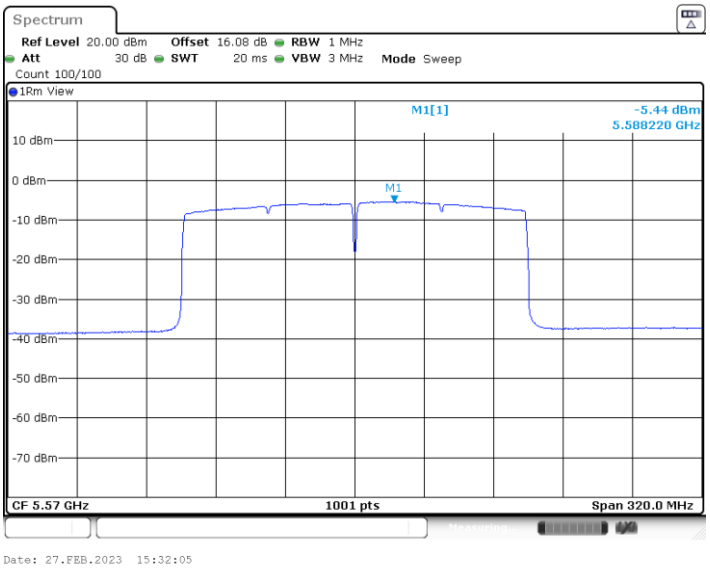
11AX160MIMO_Ant7_5250_UNII-2A



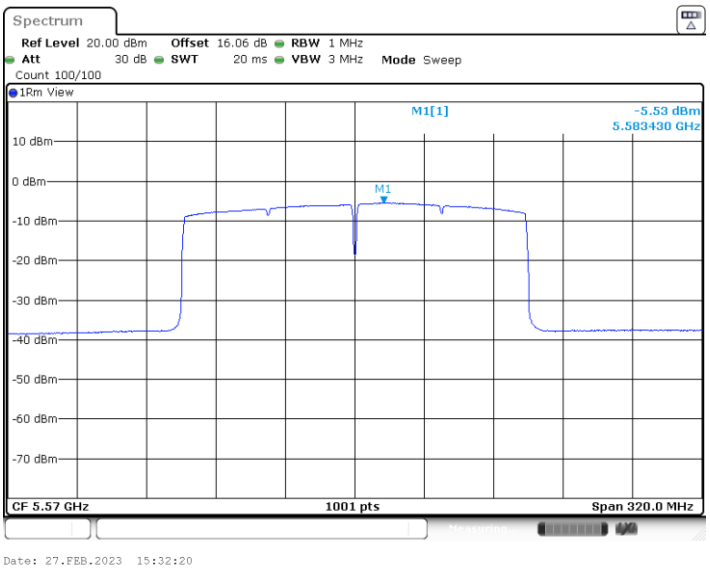
11AX160MIMO_Ant8_5250_UNII-2A



11AX160MIMO_Ant7_5570



11AX160MIMO_Ant8_5570

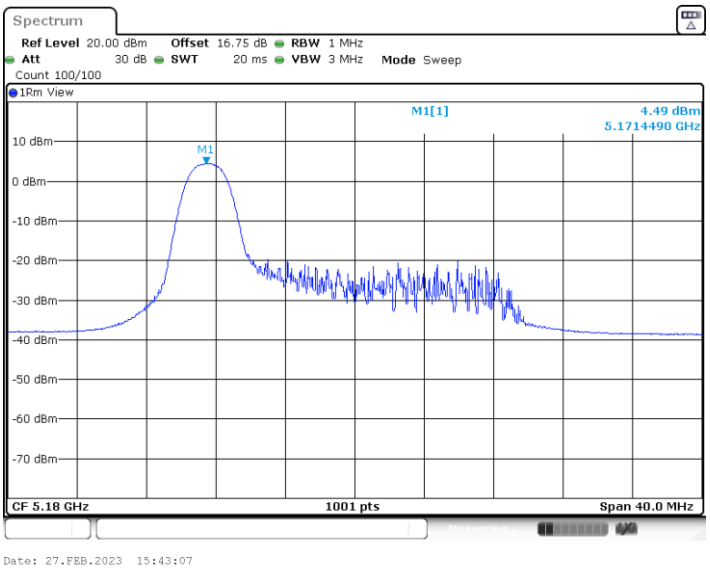


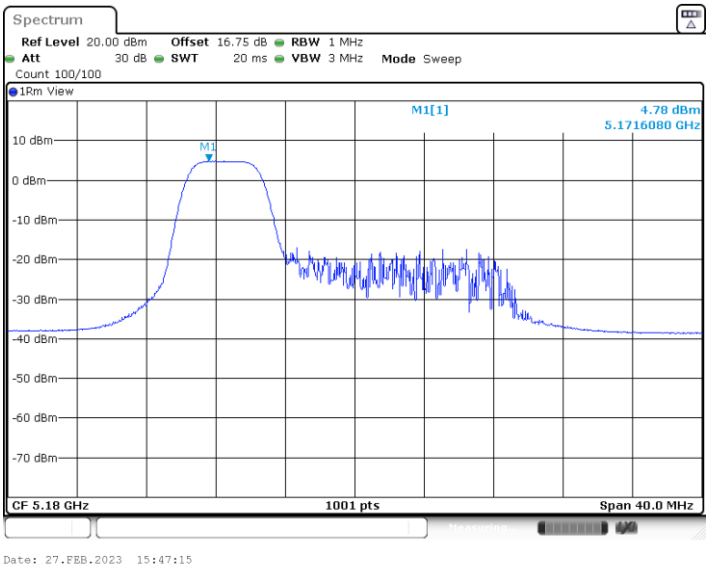
Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant7	5180	26Tone	RU0	4.49	≤11.00	PASS
			52Tone	RU37	4.78	≤11.00	PASS
			106Tone	RU53	5.03	≤11.00	PASS
	Ant8	5180	26Tone	RU0	5.16	≤11.00	PASS
			52Tone	RU37	4.29	≤11.00	PASS
			106Tone	RU53	4.81	≤11.00	PASS
	total	5180	26Tone	RU0	7.85	≤11.00	PASS
			52Tone	RU37	7.55	≤11.00	PASS
			106Tone	RU53	7.93	≤11.00	PASS
	Ant7	5220	26Tone	RU0	7.39	≤11.00	PASS
			52Tone	RU37	7.44	≤11.00	PASS
			106Tone	RU53	7.43	≤11.00	PASS
	Ant8	5220	26Tone	RU0	7.23	≤11.00	PASS
			52Tone	RU37	7.41	≤11.00	PASS
			106Tone	RU53	7.44	≤11.00	PASS
	total	5220	26Tone	RU0	10.32	≤11.00	PASS
			52Tone	RU37	10.44	≤11.00	PASS
			106Tone	RU53	10.45	≤11.00	PASS
	Ant7	5240	26Tone	RU8	7.07	≤11.00	PASS
			52Tone	RU40	7.03	≤11.00	PASS
			106Tone	RU54	7.16	≤11.00	PASS
	Ant8	5240	26Tone	RU8	8.33	≤11.00	PASS
			52Tone	RU40	8.49	≤11.00	PASS
			106Tone	RU54	8.6	≤11.00	PASS
	total	5240	26Tone	RU8	10.76	≤11.00	PASS
			52Tone	RU40	10.83	≤11.00	PASS
			106Tone	RU54	10.95	≤11.00	PASS
	Ant7	5260	26Tone	RU0	6.76	≤11.00	PASS
			52Tone	RU37	6.59	≤11.00	PASS
			106Tone	RU53	6.74	≤11.00	PASS
	Ant8	5260	26Tone	RU0	6.58	≤11.00	PASS
			52Tone	RU37	6.55	≤11.00	PASS
			106Tone	RU53	6.82	≤11.00	PASS
	total	5260	26Tone	RU0	9.68	≤11.00	PASS
			52Tone	RU37	9.58	≤11.00	PASS
			106Tone	RU53	9.79	≤11.00	PASS
	Ant7	5300	26Tone	RU0	6.73	≤11.00	PASS
			52Tone	RU37	6.81	≤11.00	PASS
			106Tone	RU53	6.82	≤11.00	PASS
	Ant8	5300	26Tone	RU0	6.14	≤11.00	PASS
			52Tone	RU37	6.13	≤11.00	PASS
			106Tone	RU53	6.31	≤11.00	PASS
	total	5300	26Tone	RU0	9.46	≤11.00	PASS
			52Tone	RU37	9.49	≤11.00	PASS
			106Tone	RU53	9.58	≤11.00	PASS
	Ant7	5320	26Tone	RU8	6.07	≤11.00	PASS
			52Tone	RU40	6.08	≤11.00	PASS

			106Tone	RU54	6	≤11.00	PASS
	Ant8	5320	26Tone	RU8	4.74	≤11.00	PASS
			52Tone	RU40	4.63	≤11.00	PASS
			106Tone	RU54	4.86	≤11.00	PASS
	total	5320	26Tone	RU8	8.47	≤11.00	PASS
			52Tone	RU40	8.43	≤11.00	PASS
			106Tone	RU54	8.48	≤11.00	PASS
	Ant7	5500	26Tone	RU0	5.4	≤11.00	PASS
			52Tone	RU37	5.63	≤11.00	PASS
			106Tone	RU53	6.04	≤11.00	PASS
	Ant8	5500	26Tone	RU0	5.91	≤11.00	PASS
			52Tone	RU37	5.75	≤11.00	PASS
			106Tone	RU53	5.97	≤11.00	PASS
	total	5500	26Tone	RU0	8.67	≤11.00	PASS
			52Tone	RU37	8.70	≤11.00	PASS
			106Tone	RU53	9.02	≤11.00	PASS
	Ant7	5580	26Tone	RU0	7.34	≤11.00	PASS
			52Tone	RU37	7.36	≤11.00	PASS
			106Tone	RU53	7.52	≤11.00	PASS
	Ant8	5580	26Tone	RU0	7.54	≤11.00	PASS
			52Tone	RU37	7.51	≤11.00	PASS
			106Tone	RU53	7.55	≤11.00	PASS
	total	5580	26Tone	RU0	10.45	≤11.00	PASS
			52Tone	RU37	10.45	≤11.00	PASS
			106Tone	RU53	10.55	≤11.00	PASS
	Ant7	5700	26Tone	RU8	5.44	≤11.00	PASS
			52Tone	RU40	4.84	≤11.00	PASS
			106Tone	RU54	5.28	≤11.00	PASS
	Ant8	5700	26Tone	RU8	5.47	≤11.00	PASS
			52Tone	RU40	5.25	≤11.00	PASS
			106Tone	RU54	5.68	≤11.00	PASS
	total	5700	26Tone	RU8	8.47	≤11.00	PASS
			52Tone	RU40	8.06	≤11.00	PASS
			106Tone	RU54	8.49	≤11.00	PASS
	Ant7	5720	26Tone	RU8	7.53	≤11.00	PASS
			52Tone	RU40	7.38	≤11.00	PASS
			106Tone	RU54	7.69	≤11.00	PASS
	Ant8	5720	26Tone	RU8	7.31	≤11.00	PASS
			52Tone	RU40	7.08	≤11.00	PASS
			106Tone	RU54	7.60	≤11.00	PASS
	total	5720	26Tone	RU8	10.43	≤11.00	PASS
			52Tone	RU40	10.24	≤11.00	PASS
			106Tone	RU54	10.66	≤11.00	PASS
	Ant7	5745	26Tone	RU0	1.85	≤30.00	PASS
			52Tone	RU37	2.5	≤30.00	PASS
			106Tone	RU53	2.95	≤30.00	PASS
	Ant8	5745	26Tone	RU0	1.14	≤30.00	PASS
			52Tone	RU37	2.5	≤30.00	PASS
			106Tone	RU53	2.66	≤30.00	PASS
	total	5745	26Tone	RU0	4.52	≤30.00	PASS

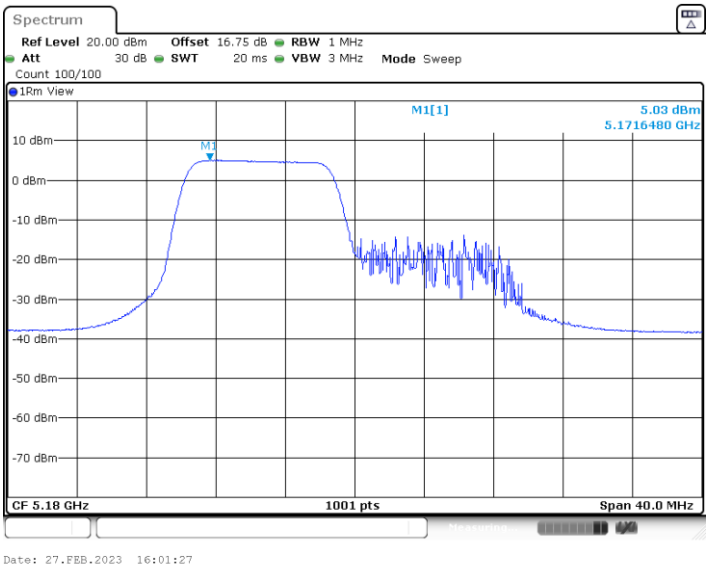
			52Tone	RU37	5.51	≤30.00	PASS
			106Tone	RU53	5.82	≤30.00	PASS
	Ant7	5785	26Tone	RU0	2.34	≤30.00	PASS
			52Tone	RU37	1.64	≤30.00	PASS
			106Tone	RU53	2.28	≤30.00	PASS
	Ant8	5785	26Tone	RU0	0.87	≤30.00	PASS
			52Tone	RU37	1.46	≤30.00	PASS
			106Tone	RU53	2.01	≤30.00	PASS
	total	5785	26Tone	RU0	4.68	≤30.00	PASS
			52Tone	RU37	4.56	≤30.00	PASS
			106Tone	RU53	5.16	≤30.00	PASS
	Ant7	5825	26Tone	RU8	1.4	≤30.00	PASS
			52Tone	RU40	1.82	≤30.00	PASS
			106Tone	RU54	2.56	≤30.00	PASS
	Ant8	5825	26Tone	RU8	1.86	≤30.00	PASS
			52Tone	RU40	1.57	≤30.00	PASS
			106Tone	RU54	2.16	≤30.00	PASS
	total	5825	26Tone	RU8	4.65	≤30.00	PASS
			52Tone	RU40	4.71	≤30.00	PASS
			106Tone	RU54	5.37	≤30.00	PASS
11AX40MIMO	Ant7	5190	242Tone	RU61	2.09	≤11.00	PASS
	Ant8	5190	242Tone	RU61	2.08	≤11.00	PASS
	total	5190	242Tone	RU61	5.10	≤11.00	PASS
	Ant7	5230	242Tone	RU62	3.66	≤11.00	PASS
	Ant8	5230	242Tone	RU62	4.76	≤11.00	PASS
	total	5230	242Tone	RU62	7.26	≤11.00	PASS
	Ant7	5270	242Tone	RU61	3.91	≤11.00	PASS
	Ant8	5270	242Tone	RU61	3.89	≤11.00	PASS
	total	5270	242Tone	RU61	6.91	≤11.00	PASS
	Ant7	5310	242Tone	RU62	2.2	≤11.00	PASS
	Ant8	5310	242Tone	RU62	1.08	≤11.00	PASS
	total	5310	242Tone	RU62	4.69	≤11.00	PASS
	Ant7	5510	242Tone	RU61	2.09	≤11.00	PASS
	Ant8	5510	242Tone	RU61	1.78	≤11.00	PASS
	total	5510	242Tone	RU61	4.95	≤11.00	PASS
	Ant7	5550	242Tone	RU61	3.95	≤11.00	PASS
	Ant8	5550	242Tone	RU61	4.1	≤11.00	PASS
	total	5550	242Tone	RU61	7.04	≤11.00	PASS
	Ant7	5670	242Tone	RU62	3.29	≤11.00	PASS
	Ant8	5670	242Tone	RU62	3.15	≤11.00	PASS
	total	5670	242Tone	RU62	6.23	≤11.00	PASS
	Ant7	5710_UNII-2C	242Tone	RU62	4.71	≤11.00	PASS
	Ant8	5710_UNII-2C	242Tone	RU62	4.39	≤11.00	PASS
	total	5710_UNII-2C	242Tone	RU62	7.56	≤11.00	PASS
	Ant7	5710_UNII-3	242Tone	RU62	1.77	≤30.00	PASS
	Ant8	5710_UNII-3	242Tone	RU62	1.39	≤30.00	PASS
	total	5710_UNII-3	242Tone	RU62	4.59	≤30.00	PASS
	Ant7	5755	242Tone	RU61	-0.4	≤30.00	PASS
	Ant8	5755	242Tone	RU61	-0.81	≤30.00	PASS
	total	5755	242Tone	RU61	2.41	≤30.00	PASS

	Ant7	5795	242Tone	RU62	-0.57	≤30.00	PASS
	Ant8	5795	242Tone	RU62	-0.92	≤30.00	PASS
	total	5795	242Tone	RU62	2.27	≤30.00	PASS
11AX80MIMO	Ant7	5210	484Tone	RU65	-1.01	≤11.00	PASS
	Ant8	5210	484Tone	RU65	-1.44	≤11.00	PASS
	total	5210	484Tone	RU65	1.79	≤11.00	PASS
	Ant7	5290	484Tone	RU66	-1.41	≤11.00	PASS
	Ant8	5290	484Tone	RU66	-1.99	≤11.00	PASS
	total	5290	484Tone	RU66	1.32	≤11.00	PASS
	Ant7	5530	484Tone	RU65	-1.98	≤11.00	PASS
	Ant8	5530	484Tone	RU65	-2.29	≤11.00	PASS
	total	5530	484Tone	RU65	0.88	≤11.00	PASS
	Ant7	5610	484Tone	RU65	0.13	≤11.00	PASS
	Ant8	5610	484Tone	RU65	0.23	≤11.00	PASS
	total	5610	484Tone	RU65	3.19	≤11.00	PASS
	Ant7	5710_UNII-2C	484Tone	RU66	0.8	≤11.00	PASS
	Ant8	5710_UNII-2C	484Tone	RU66	0.37	≤11.00	PASS
	total	5710_UNII-2C	484Tone	RU66	3.60	≤11.00	PASS
	Ant7	5690_UNII-3	484Tone	RU66	-2.19	≤30.00	PASS
	Ant8	5690_UNII-3	484Tone	RU66	-2.79	≤30.00	PASS
	total	5690_UNII-3	484Tone	RU66	0.53	≤30.00	PASS
	Ant7	5775	484Tone	RU65	-3.1	≤30.00	PASS
				RU66	-3.35	≤30.00	PASS
	Ant8	5775	484Tone	RU65	-3.5	≤30.00	PASS
				RU66	-3.92	≤30.00	PASS
	total	5775	484Tone	RU65	-0.29	≤30.00	PASS
				RU66	-0.62	≤30.00	PASS
11AX160MIMO	Ant7	5250_UNII-1	996Tone	RU67	-5.19	≤11.00	PASS
				RU68	-20.25	≤11.00	PASS
	Ant8	5250_UNII-1	996Tone	RU67	-6.27	≤11.00	PASS
				RU68	-21.61	≤11.00	PASS
	total	5250_UNII-1	996Tone	RU67	-2.69	≤11.00	PASS
				RU68	-17.87	≤11.00	PASS
	Ant7	5250_UNII-2A	996Tone	RU67	-20.11	≤11.00	PASS
				RU68	-5.76	≤11.00	PASS
	Ant8	5250_UNII-2A	996Tone	RU67	-21.65	≤11.00	PASS
				RU68	-5.67	≤11.00	PASS
	total	5250_UNII-2A	996Tone	RU67	-17.80	≤10.00	PASS
				RU68	-2.70	≤10.00	PASS
	Ant7	5570	996Tone	RU67	-6.1	≤11.00	PASS
				RU68	-5.51	≤11.00	PASS
	Ant8	5570	996Tone	RU67	-6.24	≤11.00	PASS
				RU68	-5.64	≤11.00	PASS
	total	5570	996Tone	RU67	-3.16	≤11.00	PASS
				RU68	-2.56	≤11.00	PASS

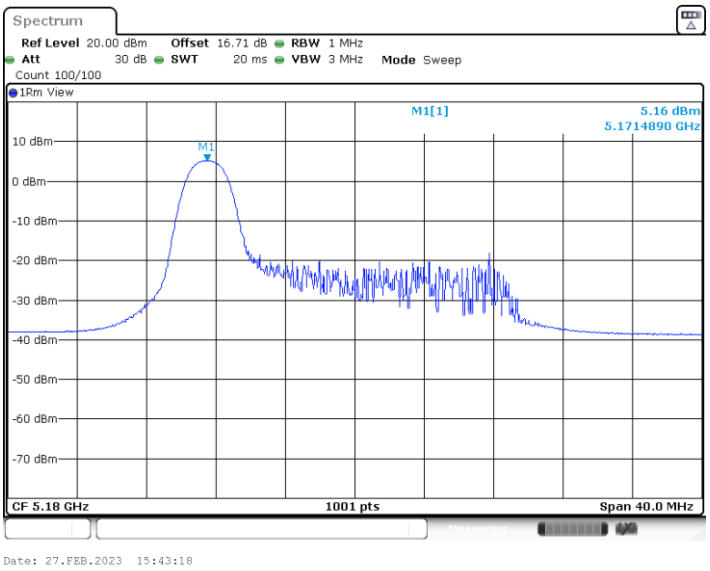
11AX20MIMO_Ant7_5180_26Tone_RU0


11AX20MIMO_Ant7_5180_52Tone_RU37


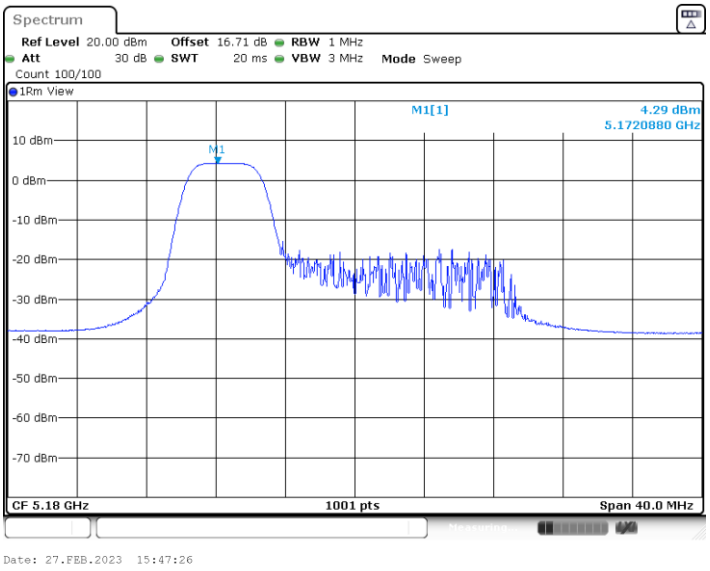
11AX20MIMO_Ant7_5180_106Tone_RU53



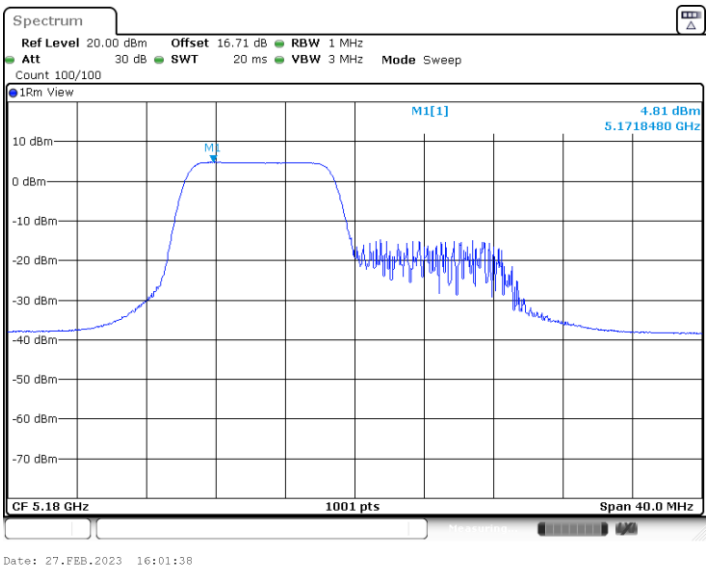
11AX20MIMO_Ant8_5180_26Tone_RU0



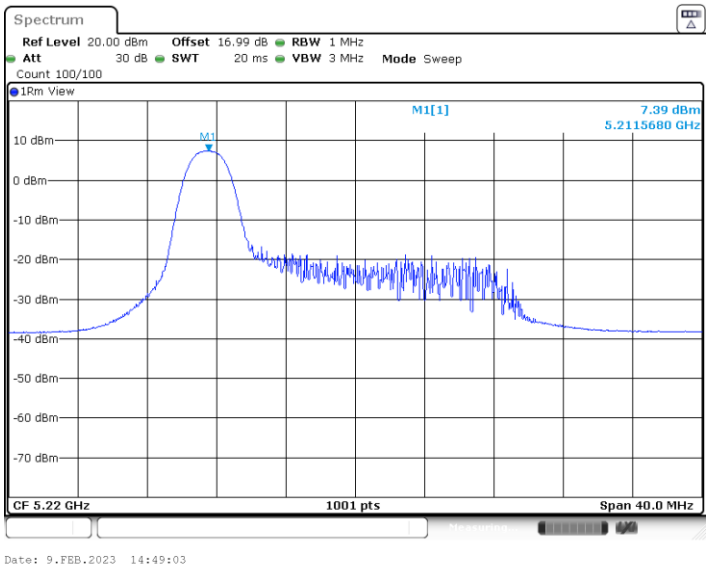
11AX20MIMO_Ant8_5180_52Tone_RU37



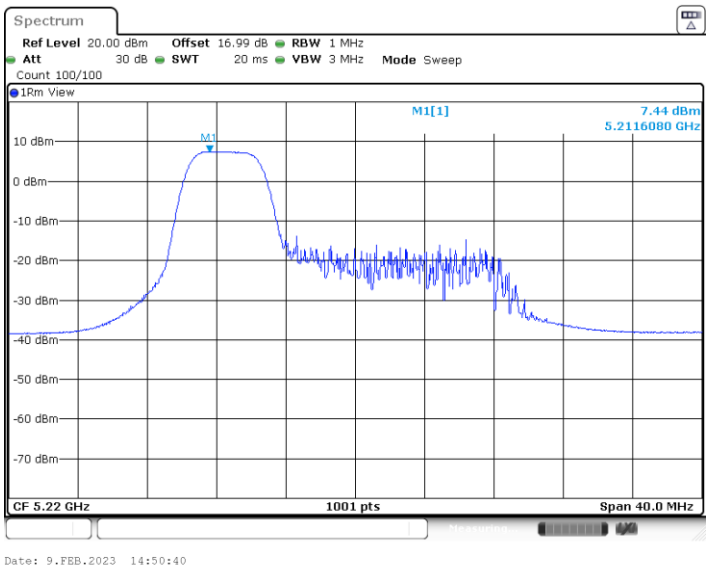
11AX20MIMO_Ant8_5180_106Tone_RU53



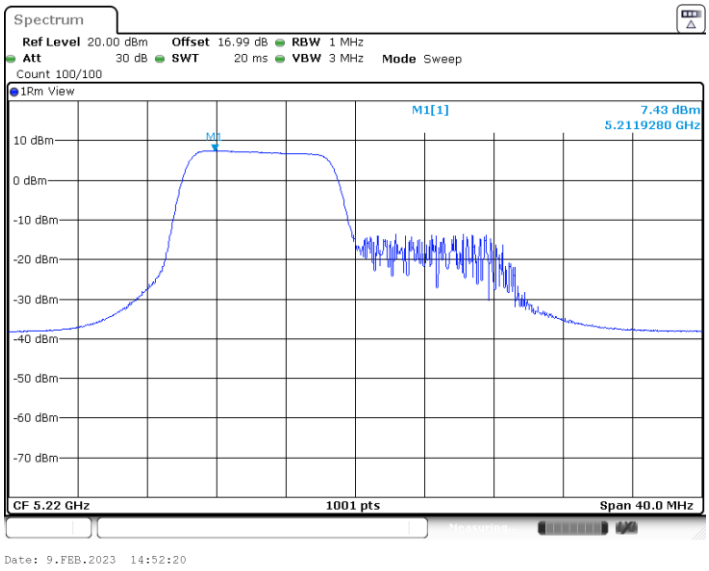
11AX20MIMO_Ant7_5220_26Tone_RU0



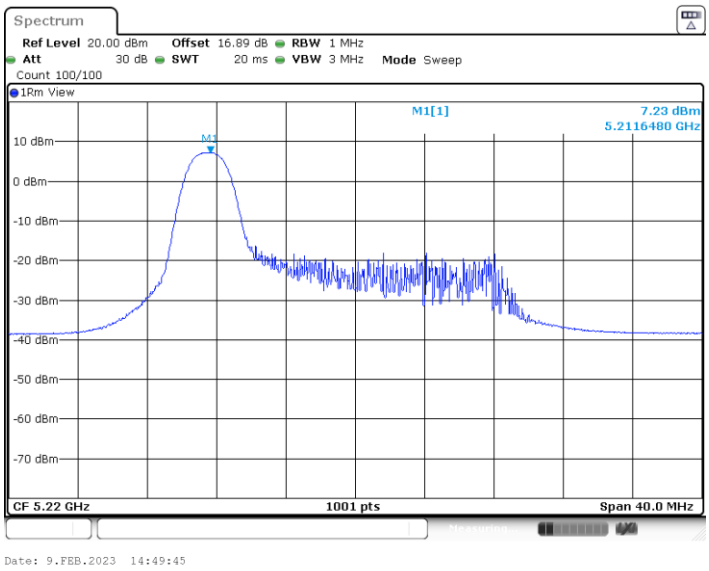
11AX20MIMO_Ant7_5220_52Tone_RU37



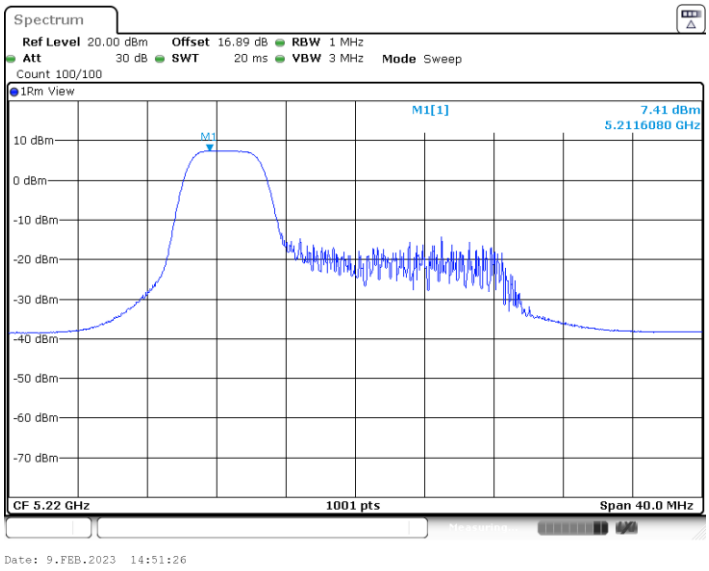
11AX20MIMO_Ant7_5220_106Tone_RU53



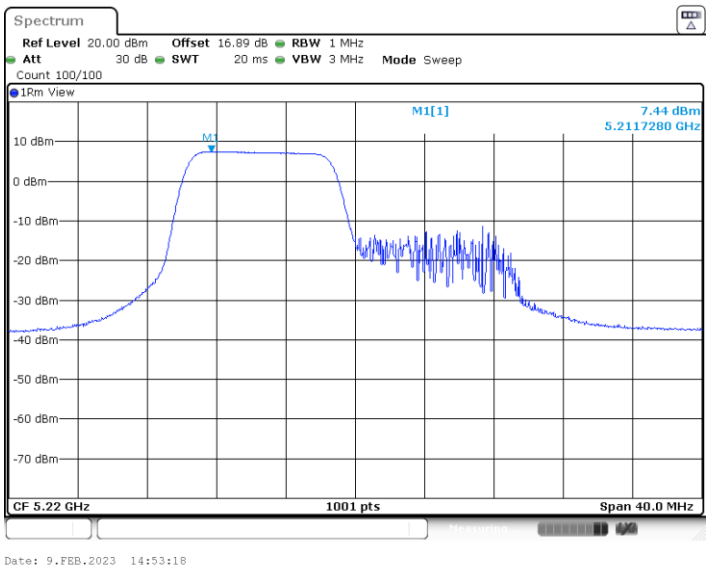
11AX20MIMO_Ant8_5220_26Tone_RU0



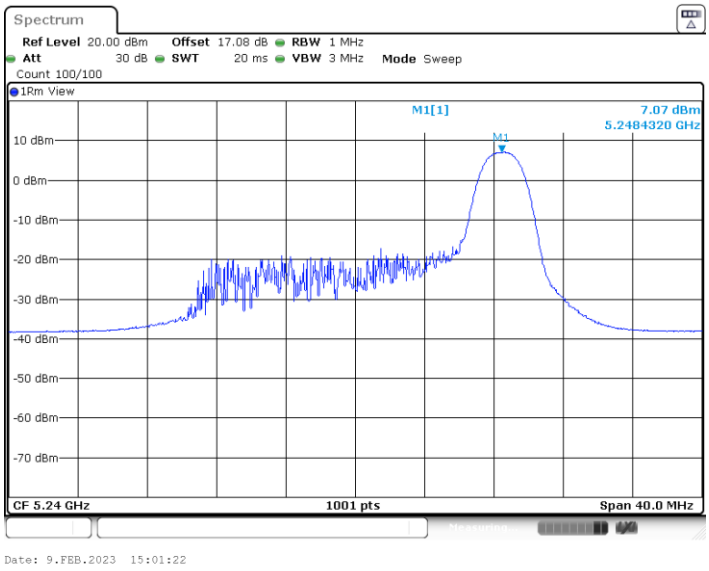
11AX20MIMO_Ant8_5220_52Tone_RU37



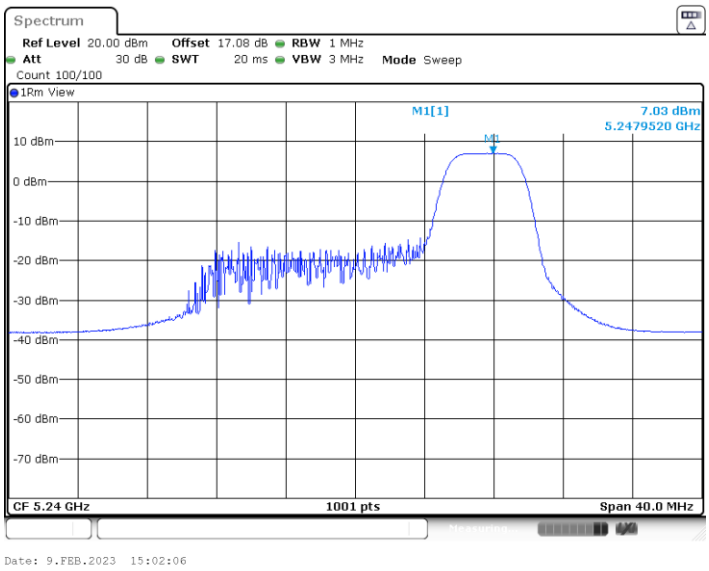
11AX20MIMO_Ant8_5220_106Tone_RU53

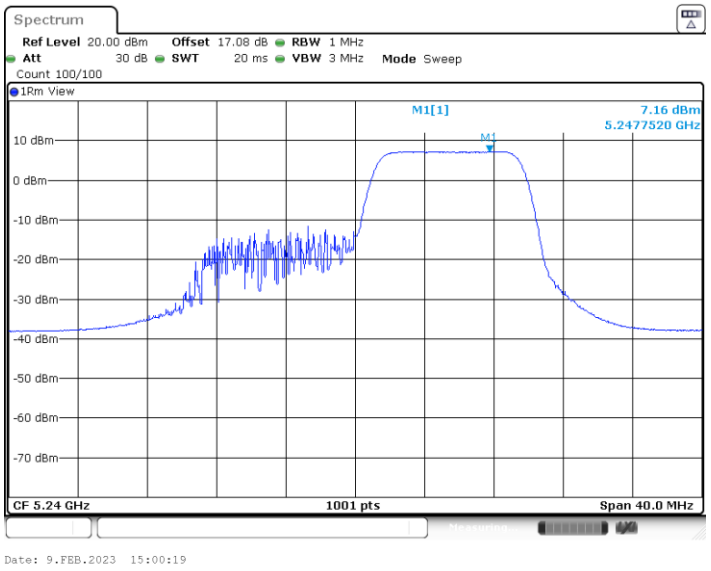


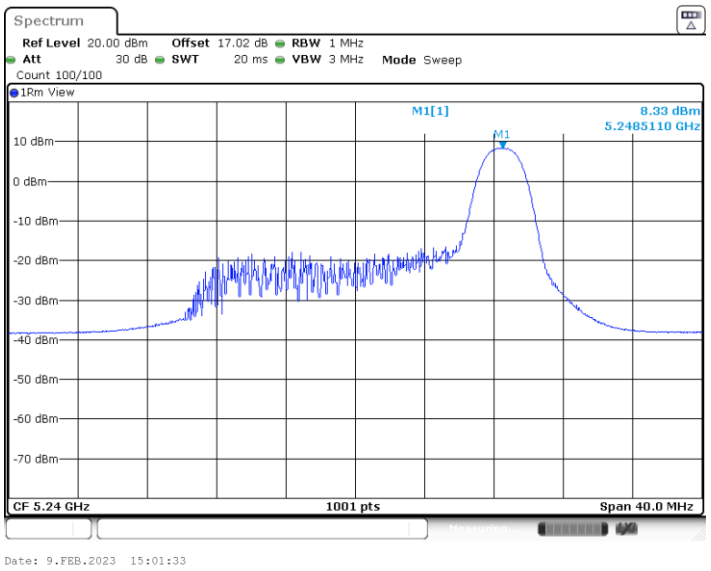
11AX20MIMO_Ant7_5240_26Tone_RU8

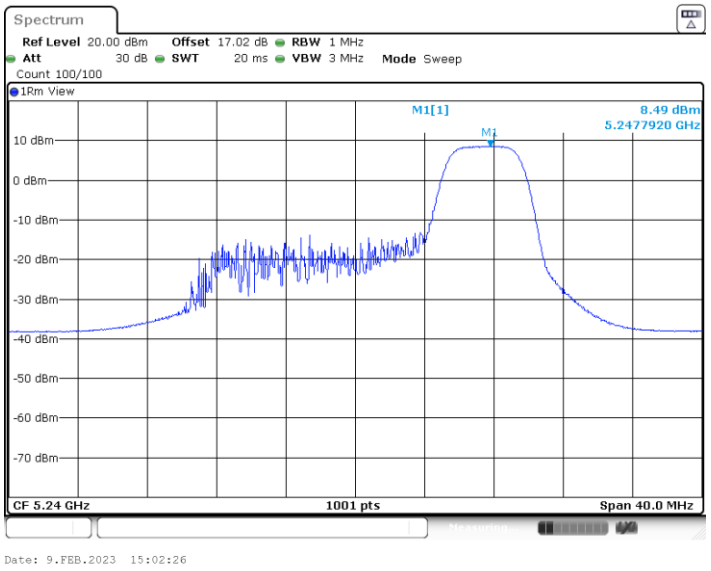


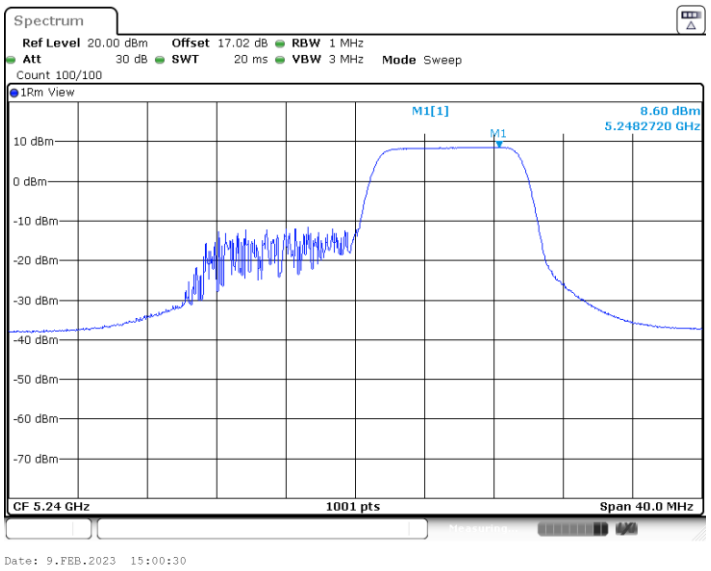
11AX20MIMO_Ant7_5240_52Tone_RU40



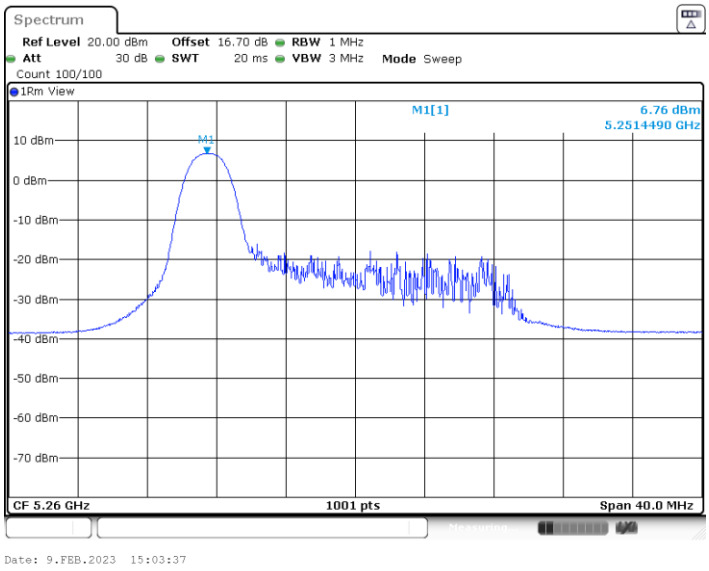
11AX20MIMO_Ant7_5240_106Tone_RU54


11AX20MIMO_Ant8_5240_26Tone_RU8


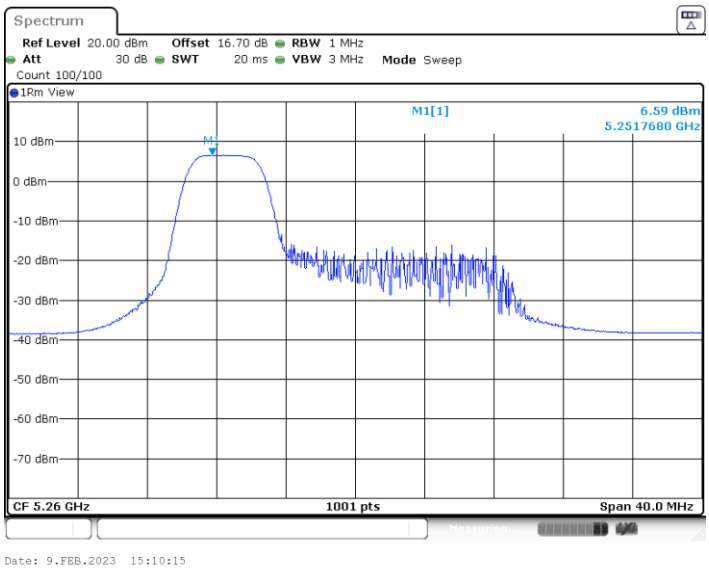
11AX20MIMO_Ant8_5240_52Tone_RU40


11AX20MIMO_Ant8_5240_106Tone_RU54


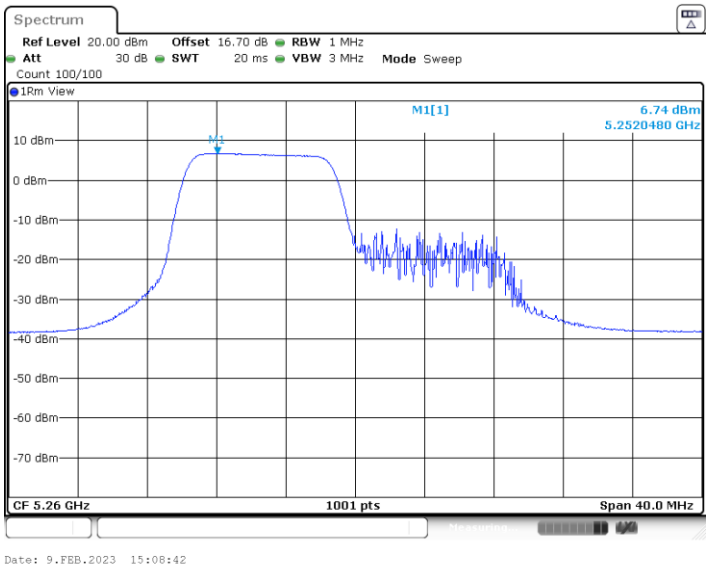
11AX20MIMO_Ant7_5260_26Tone_RU0



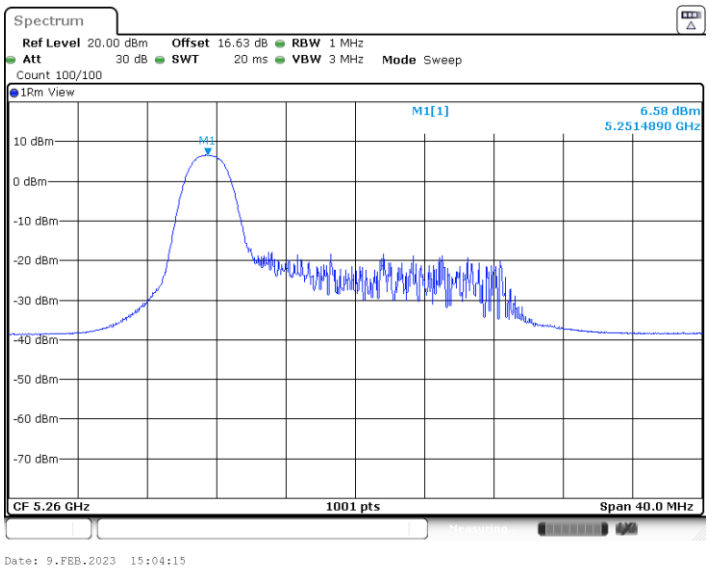
11AX20MIMO_Ant7_5260_52Tone_RU37



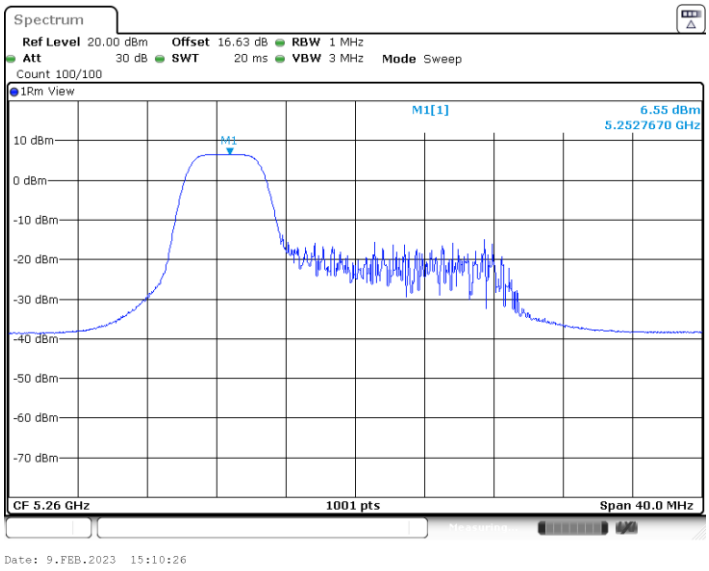
11AX20MIMO_Ant7_5260_106Tone_RU53



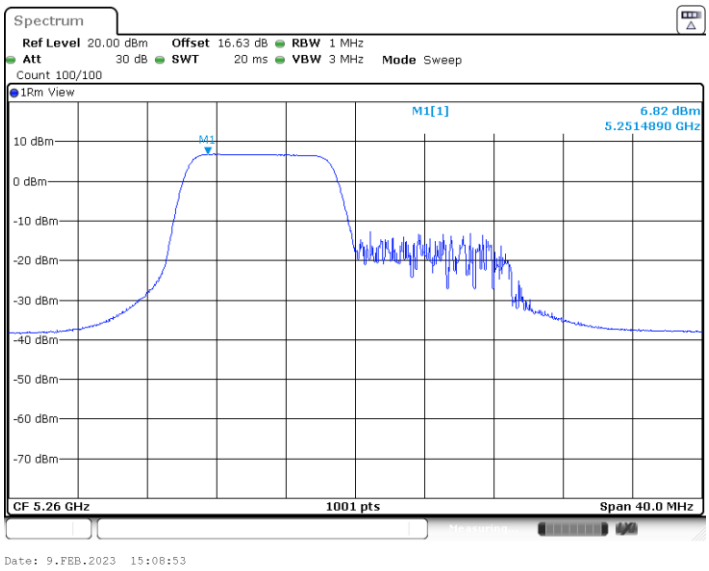
11AX20MIMO_Ant8_5260_26Tone_RU0



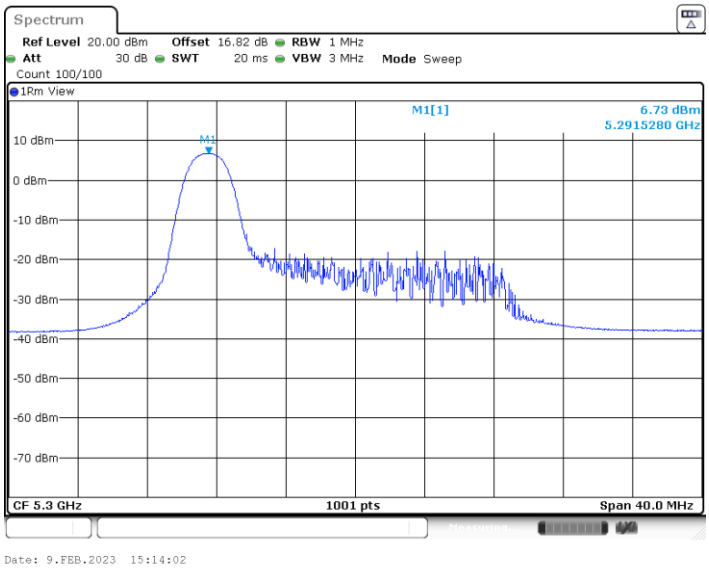
11AX20MIMO_Ant8_5260_52Tone_RU37



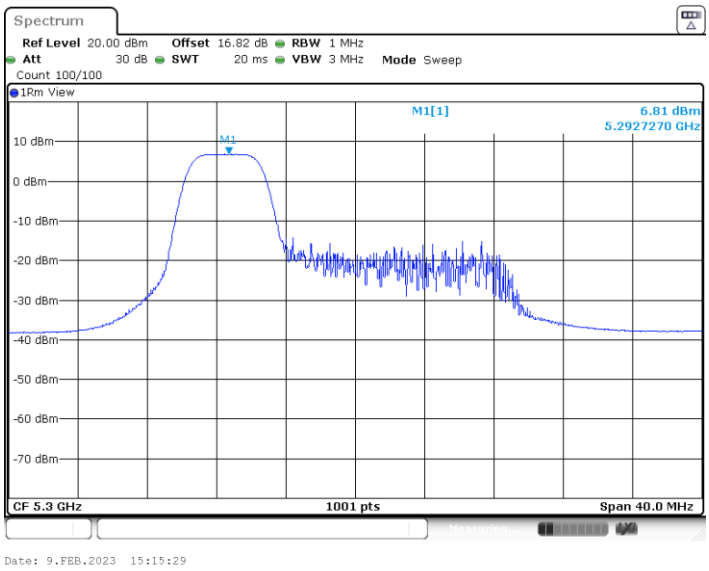
11AX20MIMO_Ant8_5260_106Tone_RU53



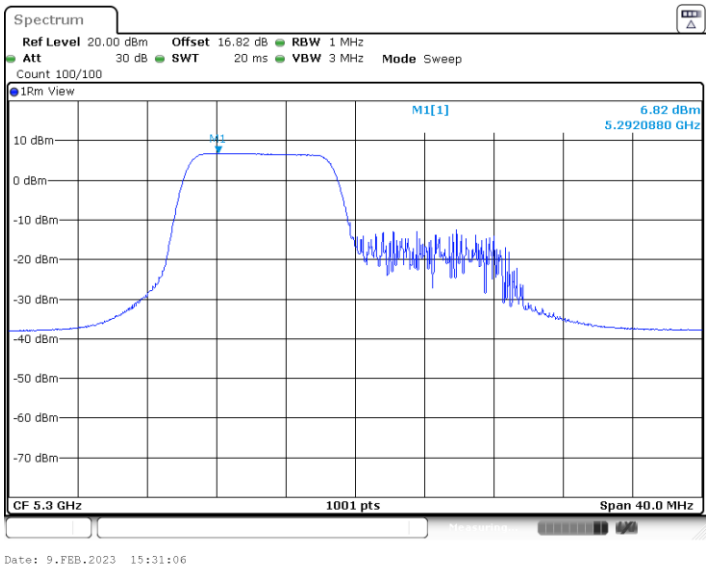
11AX20MIMO_Ant7_5300_26Tone_RU0



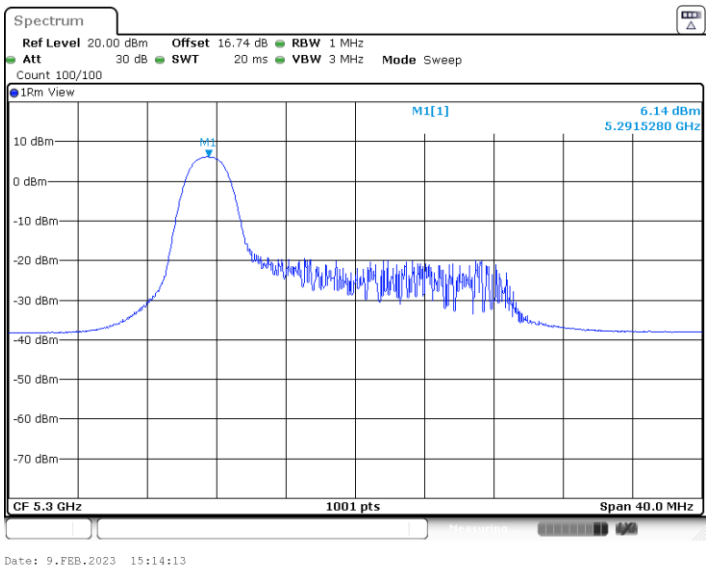
11AX20MIMO_Ant7_5300_52Tone_RU37



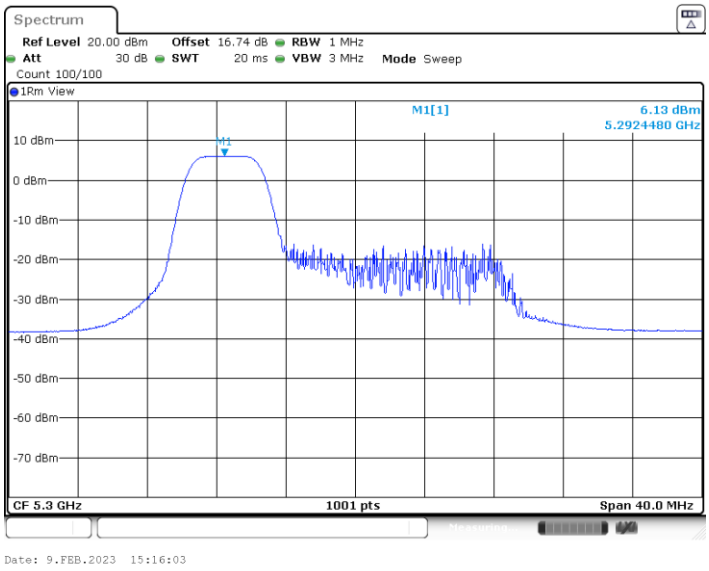
11AX20MIMO_Ant7_5300_106Tone_RU53



11AX20MIMO_Ant8_5300_26Tone_RU0



11AX20MIMO_Ant8_5300_52Tone_RU37



11AX20MIMO_Ant8_5300_106Tone_RU53