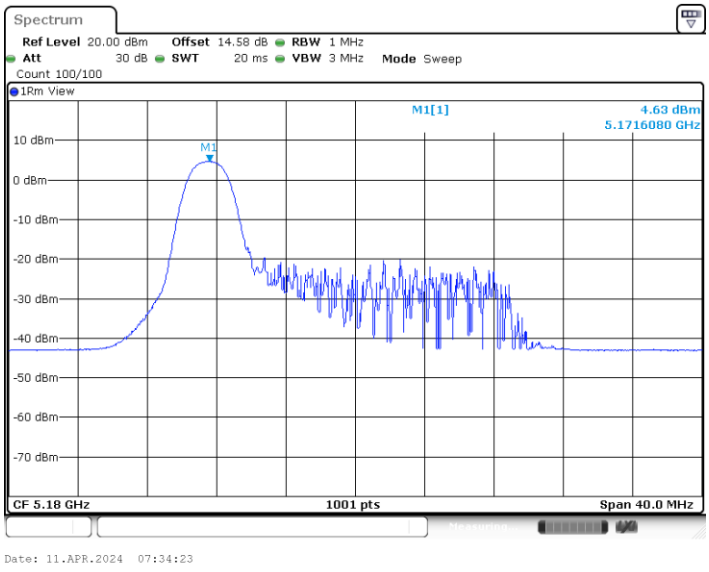
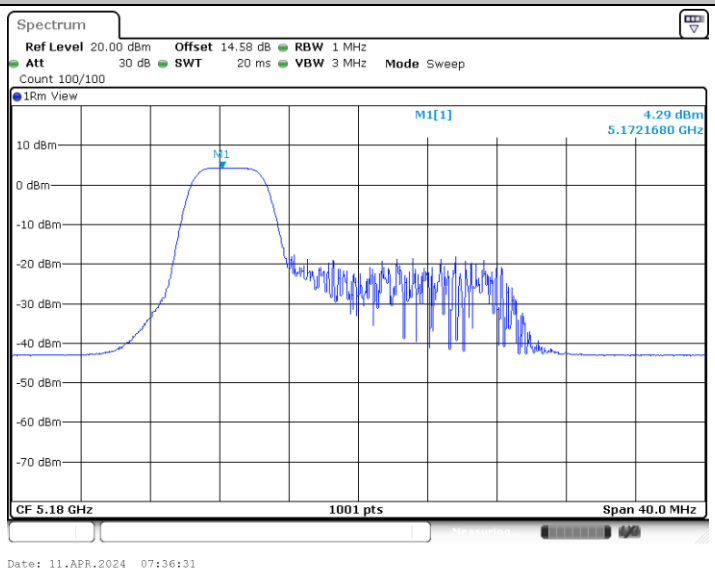
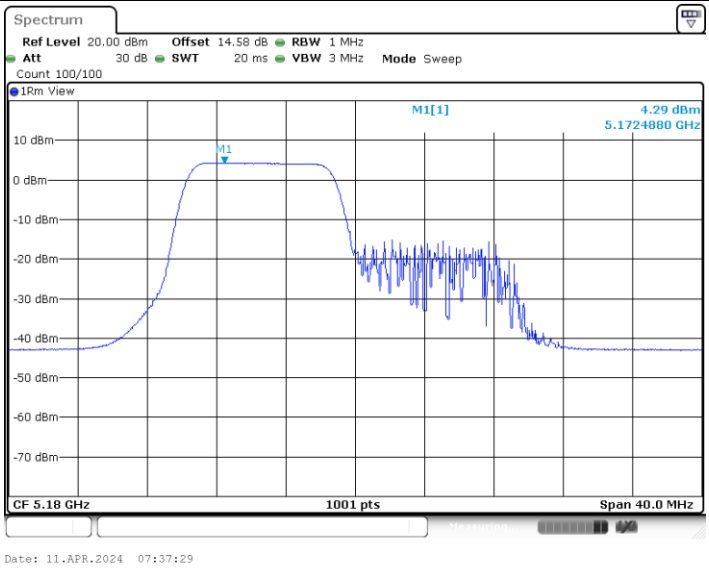
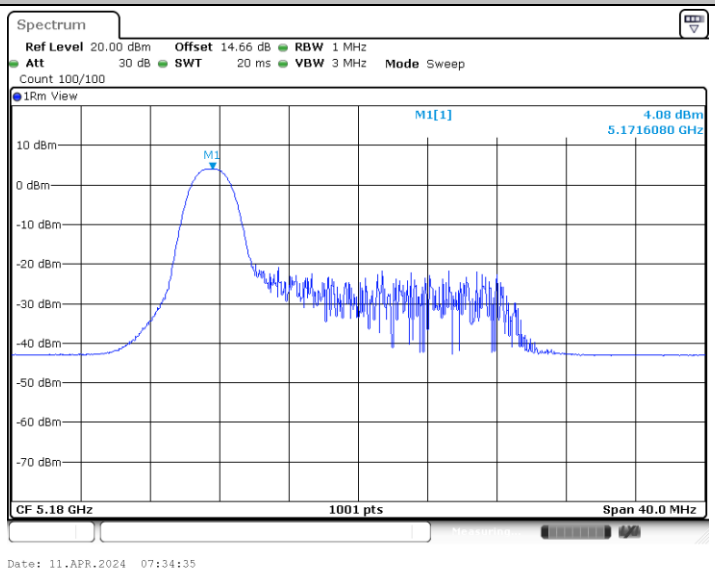
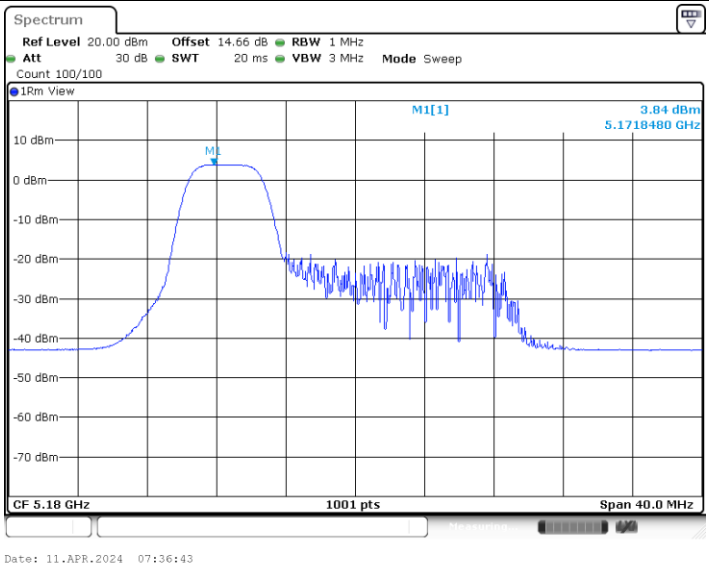
Test Graphs

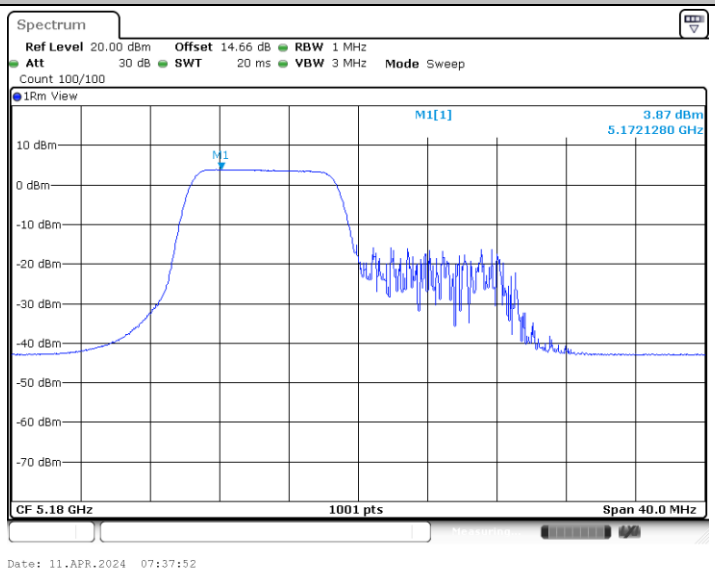
11BE20MIMO_Ant8_5180_26Tone_RU0


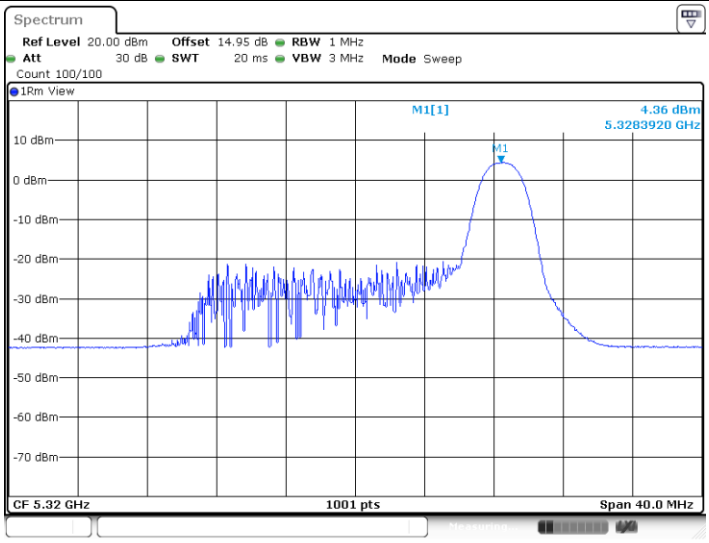
11BE20MIMO_Ant8_5180_52Tone_RU37


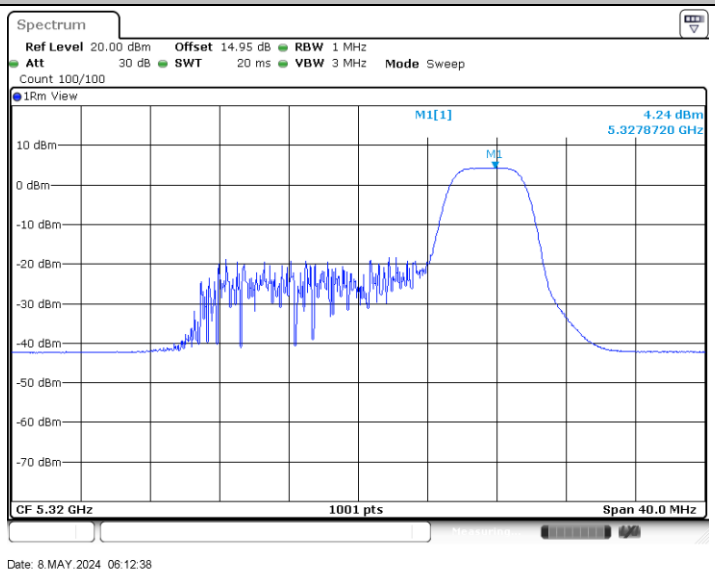
11BE20MIMO_Ant8_5180_106Tone_RU53


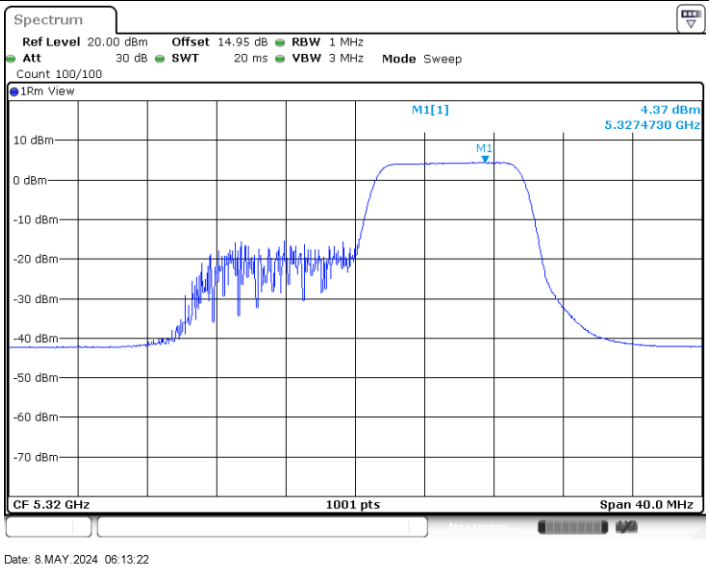
11BE20MIMO_Ant10_5180_26Tone_RU0


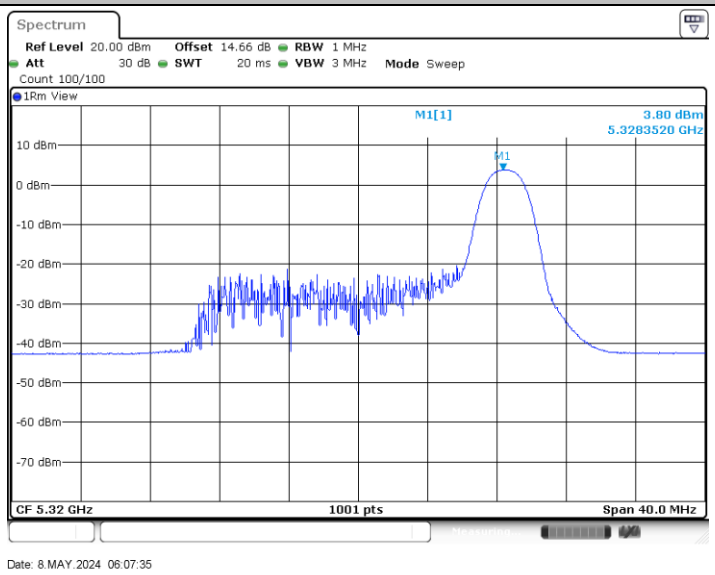
11BE20MIMO_Ant10_5180_52Tone_RU37


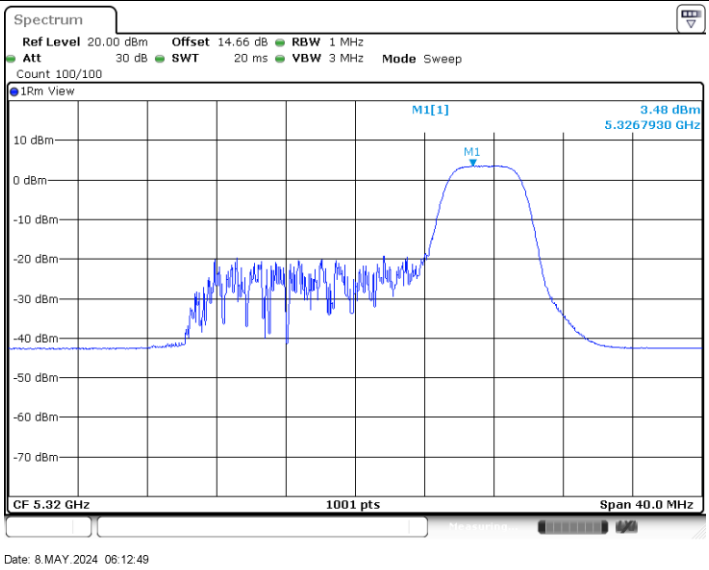
11BE20MIMO_Ant10_5180_106Tone_RU53


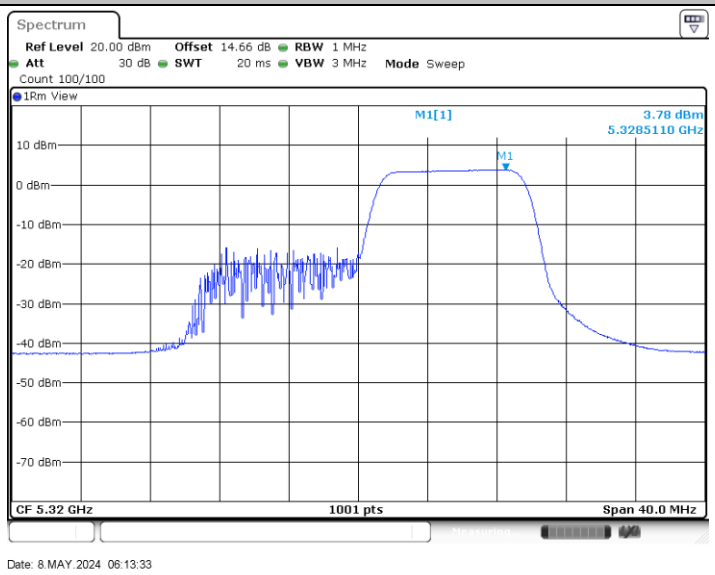
11BE20MIMO_Ant8_5320_26Tone_RU8


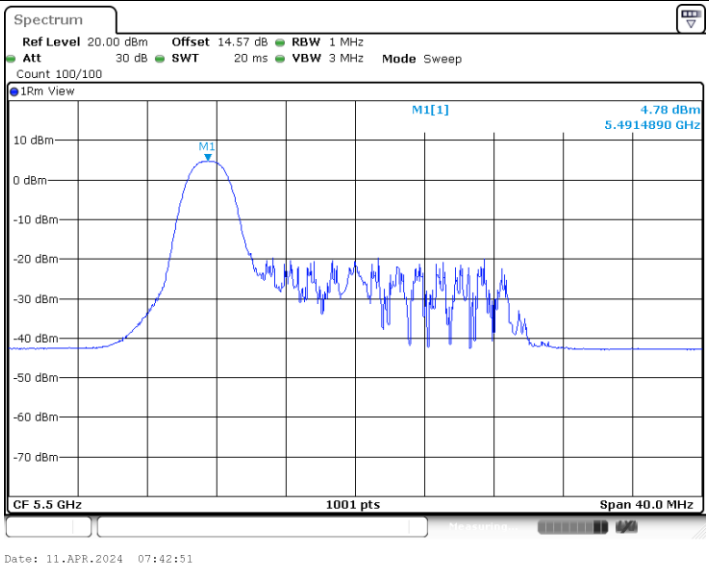
11BE20MIMO_Ant8_5320_52Tone_RU40


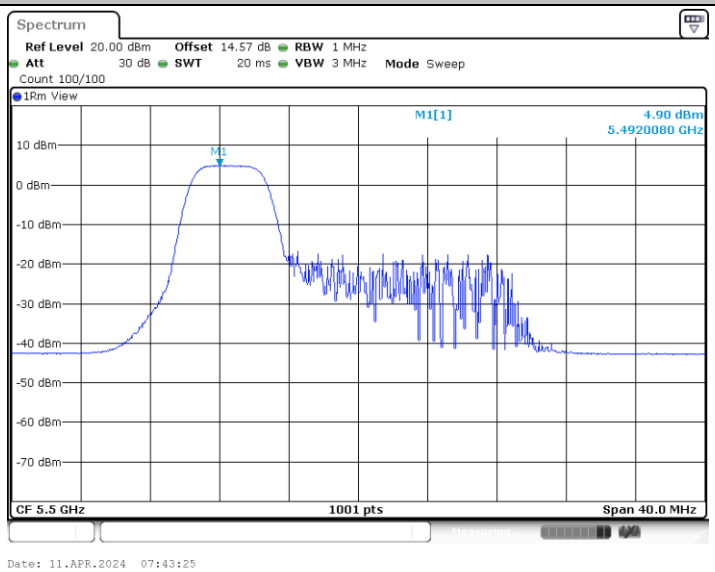
11BE20MIMO_Ant8_5320_106Tone_RU54


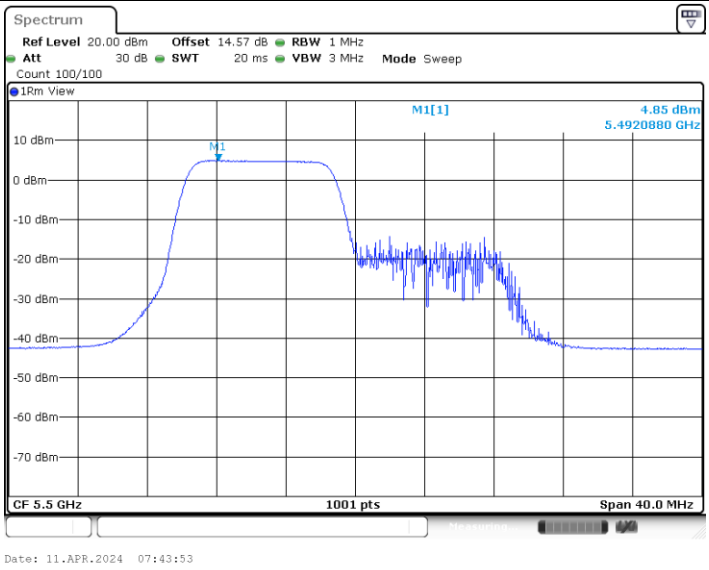
11BE20MIMO_Ant10_5320_26Tone_RU8


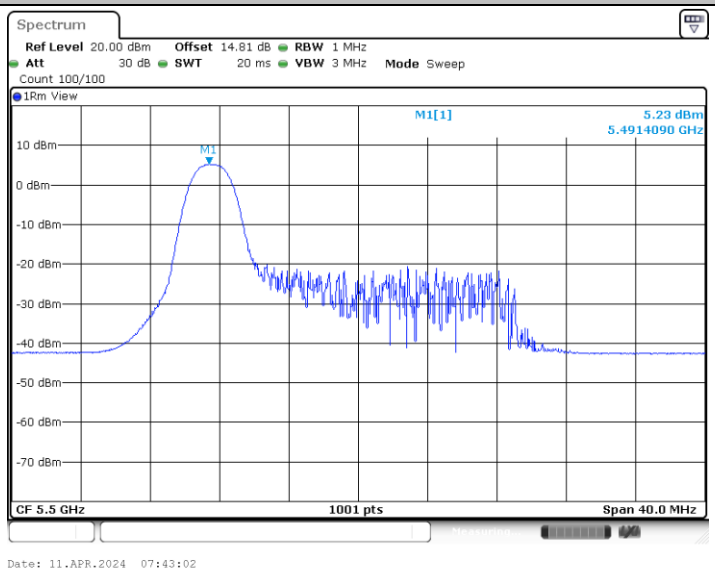
11BE20MIMO_Ant10_5320_52Tone_RU40


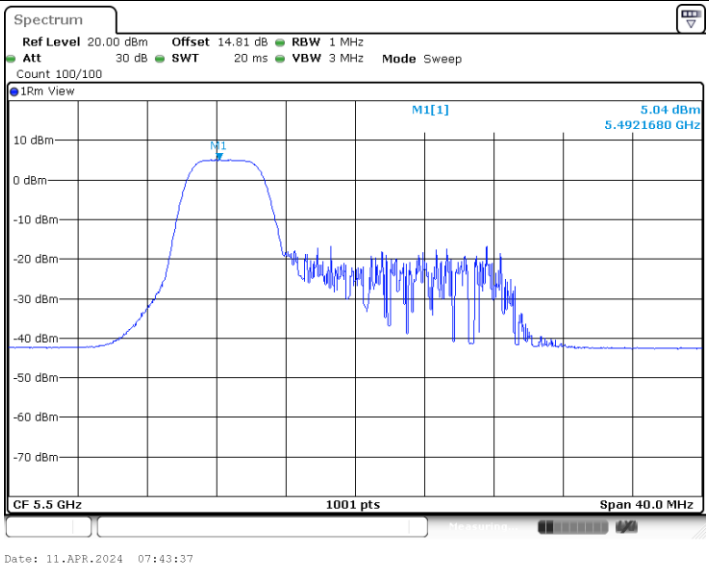
11BE20MIMO_Ant10_5320_106Tone_RU54


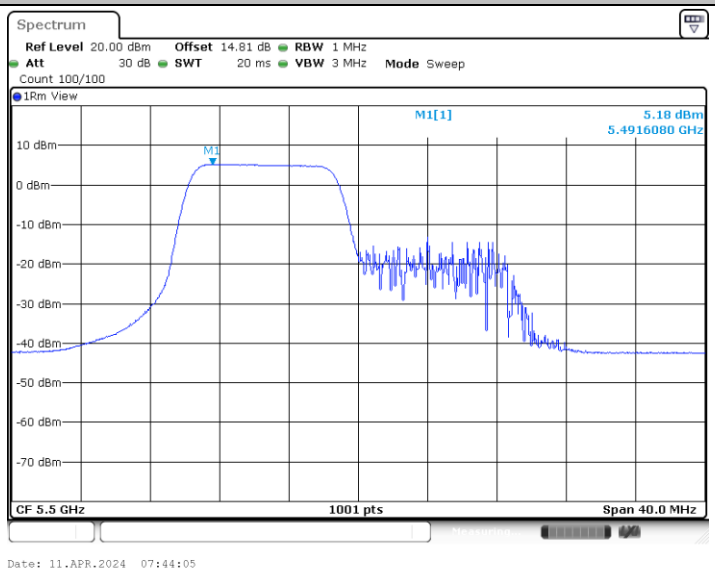
11BE20MIMO_Ant8_5500_26Tone_RU0


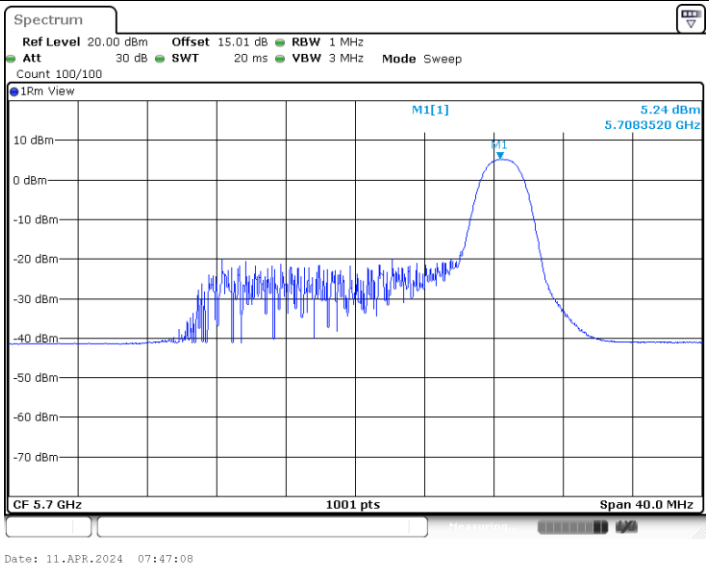
11BE20MIMO_Ant8_5500_52Tone_RU37


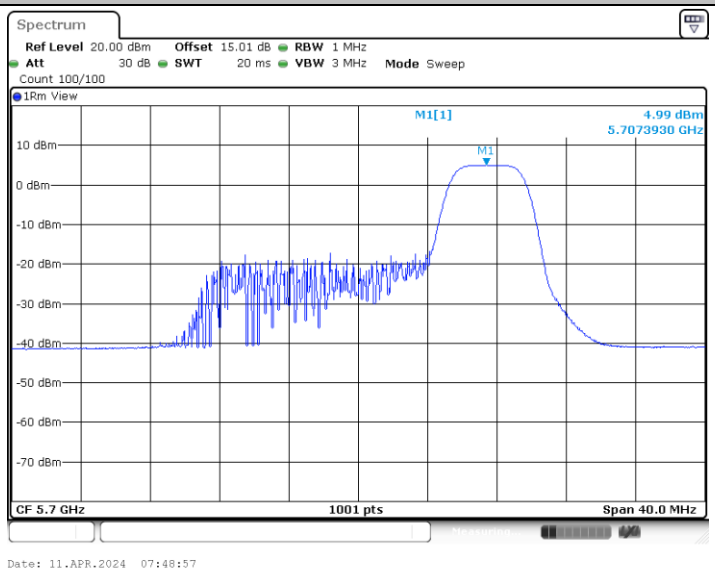
11BE20MIMO_Ant8_5500_106Tone_RU53


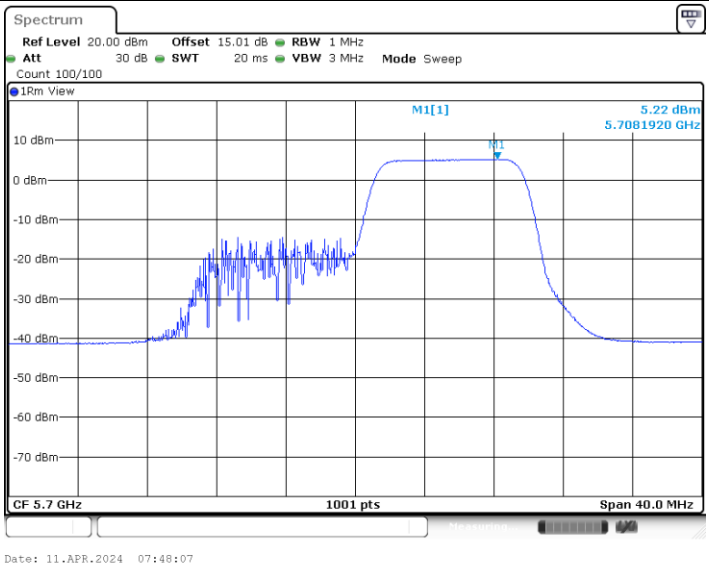
11BE20MIMO_Ant10_5500_26Tone_RU0


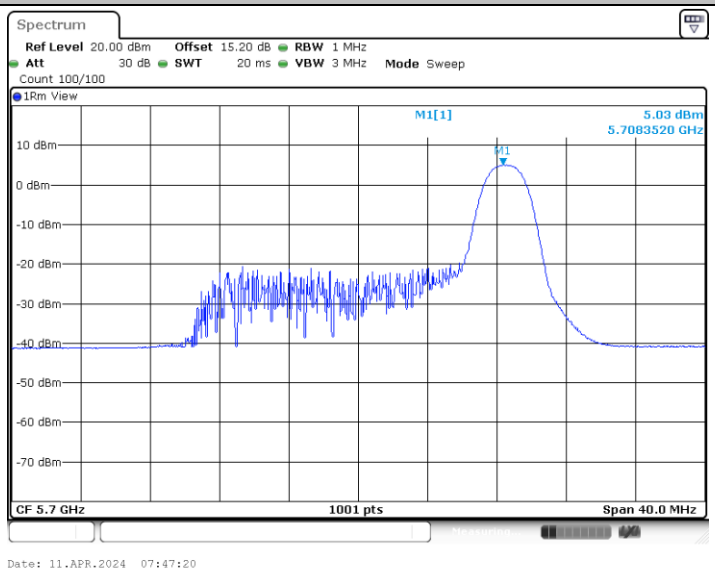
11BE20MIMO_Ant10_5500_52Tone_RU37


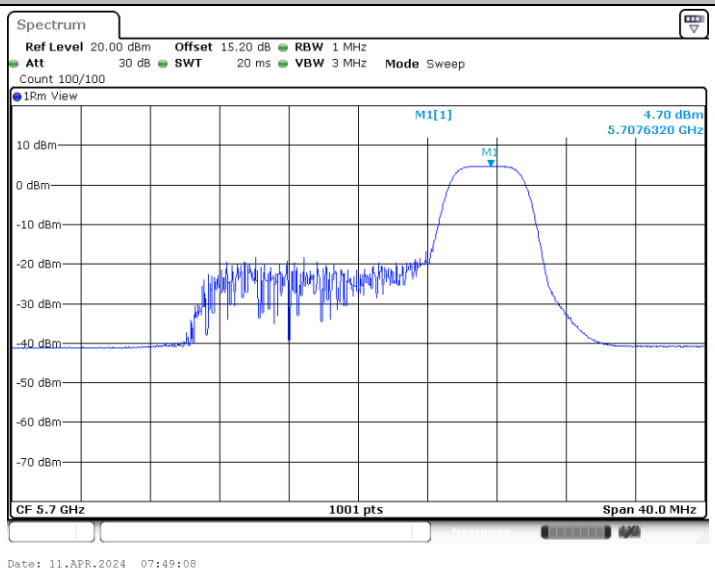
11BE20MIMO_Ant10_5500_106Tone_RU53


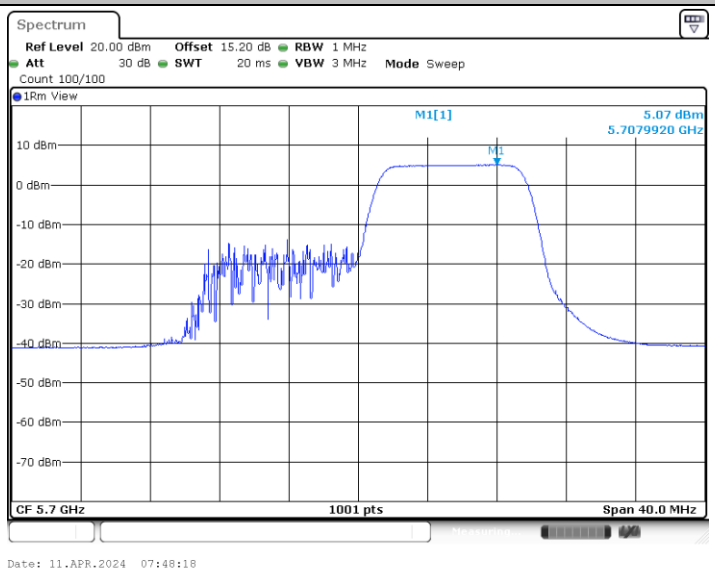
11BE20MIMO_Ant8_5700_26Tone_RU8


11BE20MIMO_Ant8_5700_52Tone_RU40


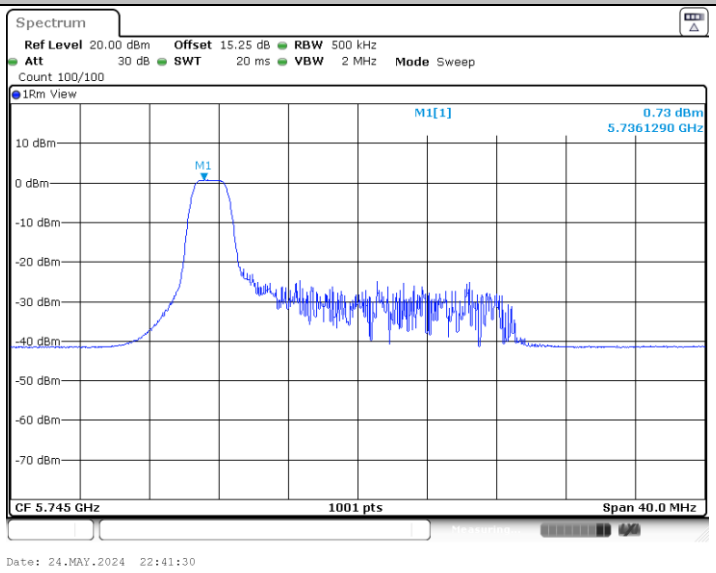
11BE20MIMO_Ant8_5700_106Tone_RU54


11BE20MIMO_Ant10_5700_26Tone_RU8


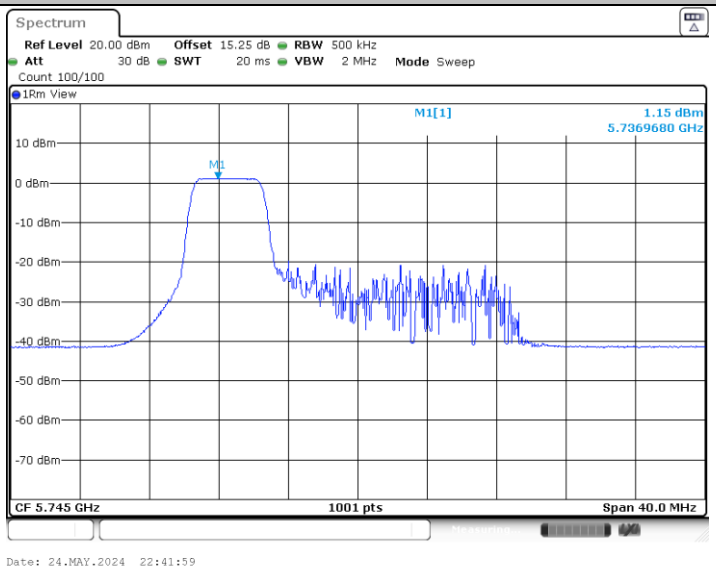
11BE20MIMO_Ant10_5700_52Tone_RU40


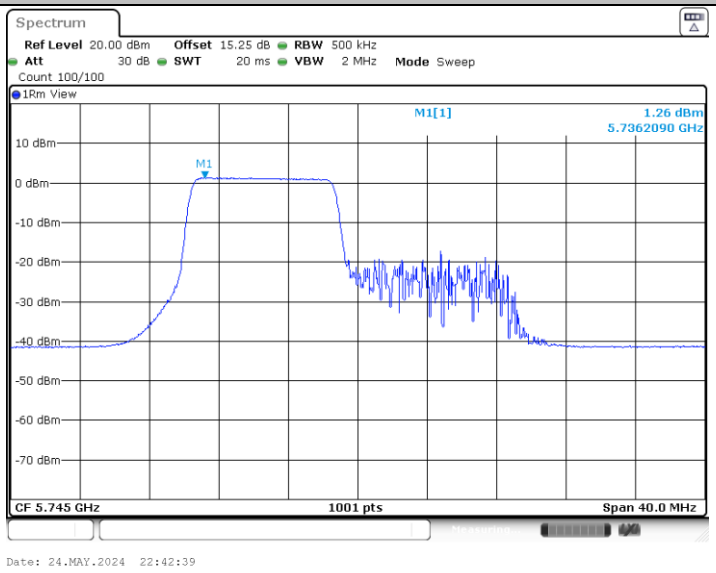
11BE20MIMO_Ant10_5700_106Tone_RU54


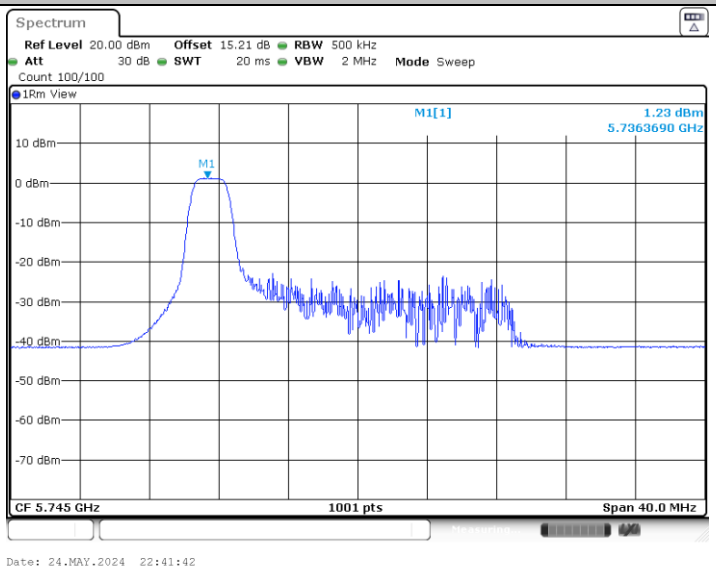
11BE20MIMO_Ant8_5745_26Tone_RU0

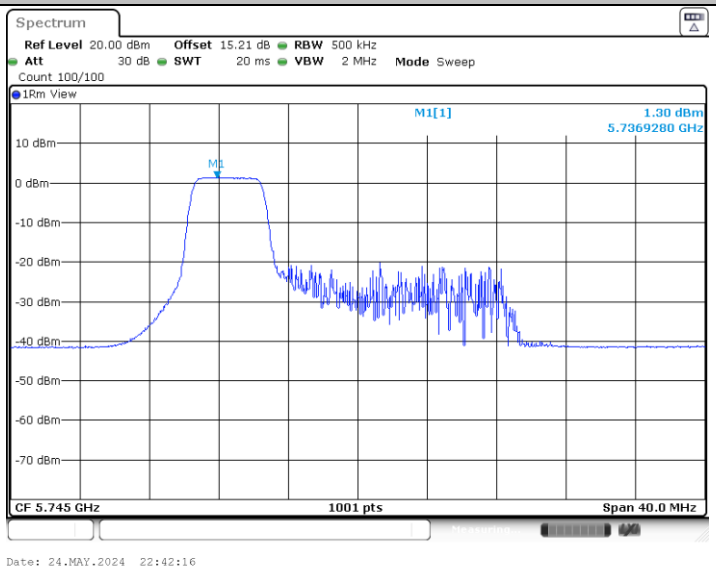


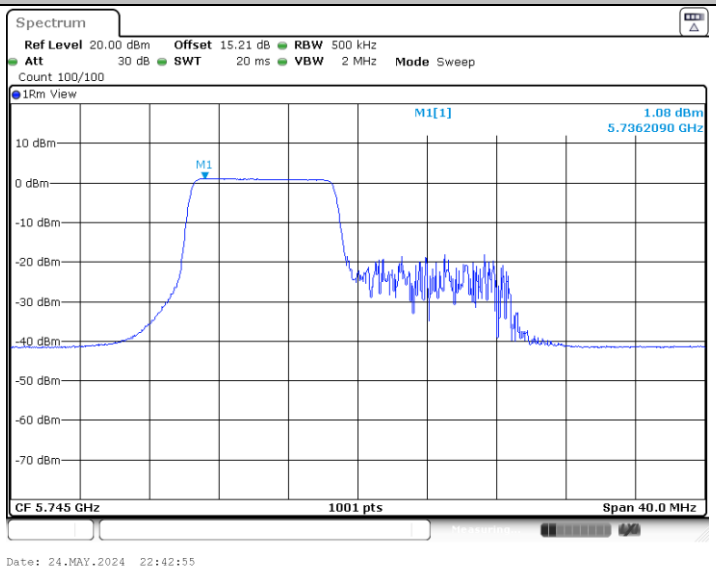
11BE20MIMO_Ant8_5745_52Tone_RU37

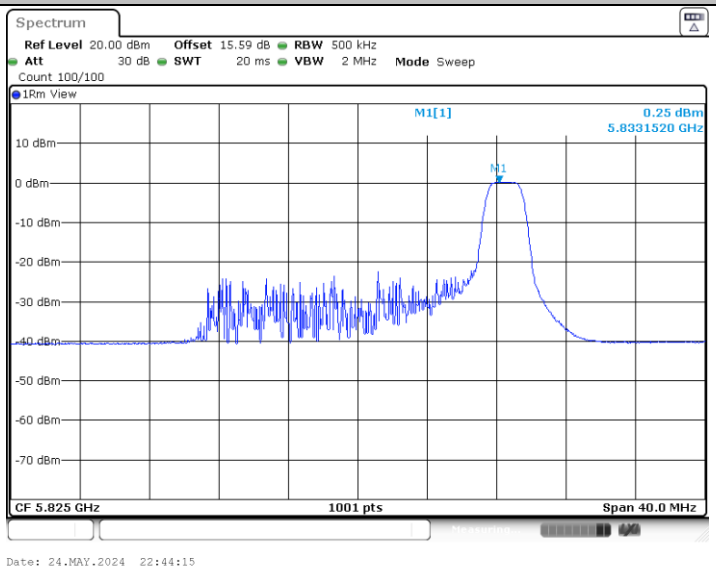


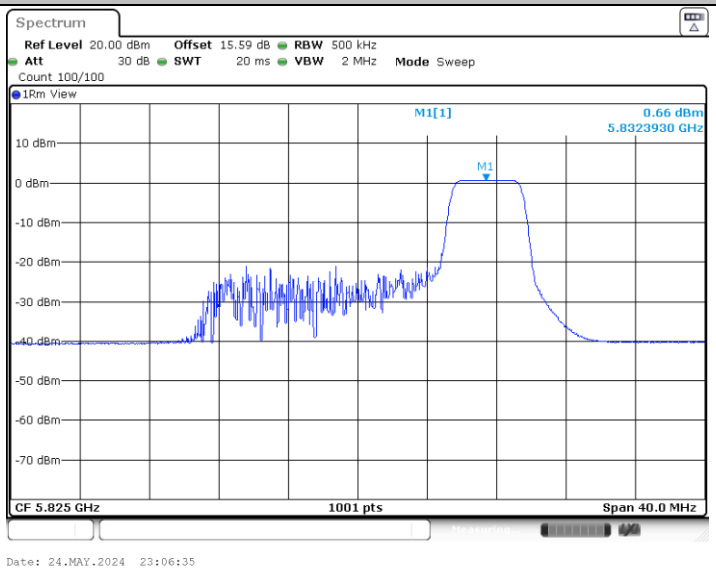
11BE20MIMO_Ant8_5745_106Tone_RU53


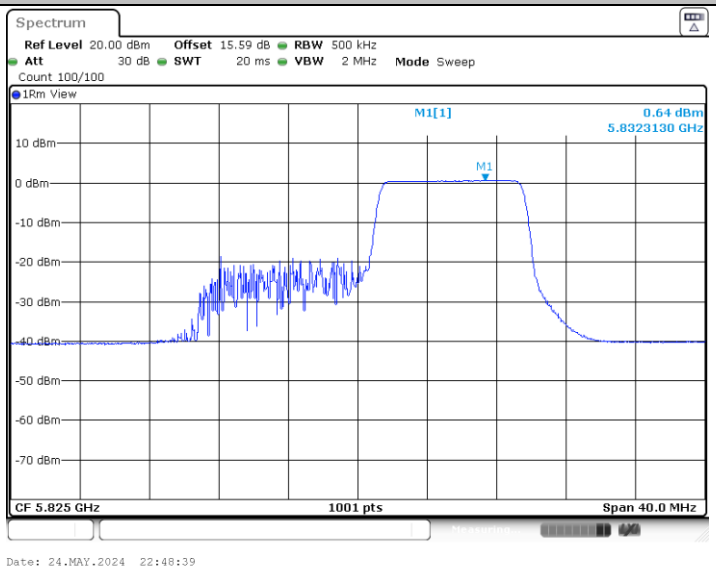
11BE20MIMO_Ant10_5745_26Tone_RU0


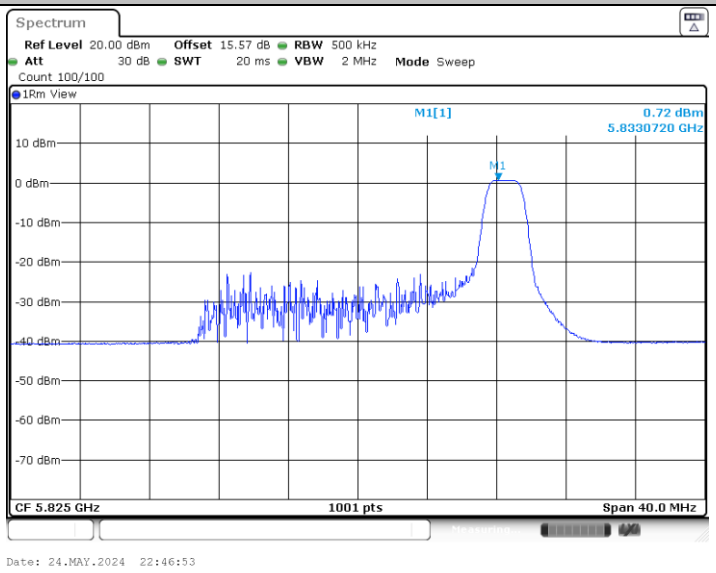
11BE20MIMO_Ant10_5745_52Tone_RU37


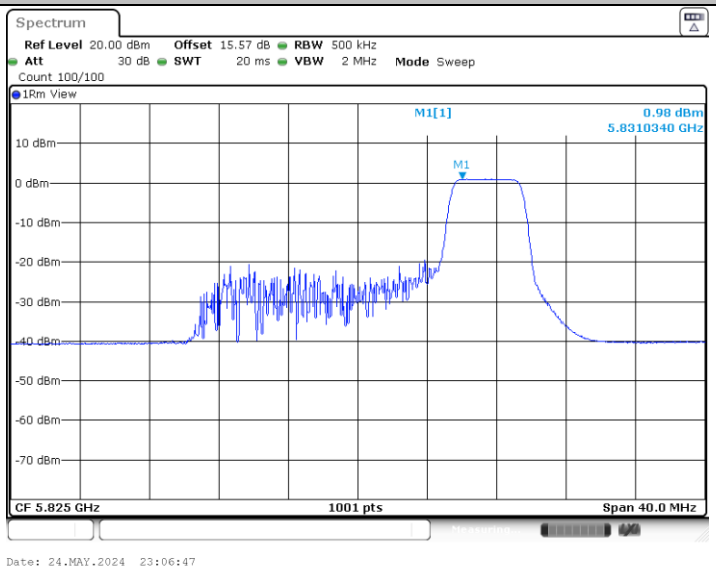
11BE20MIMO_Ant10_5745_106Tone_RU53


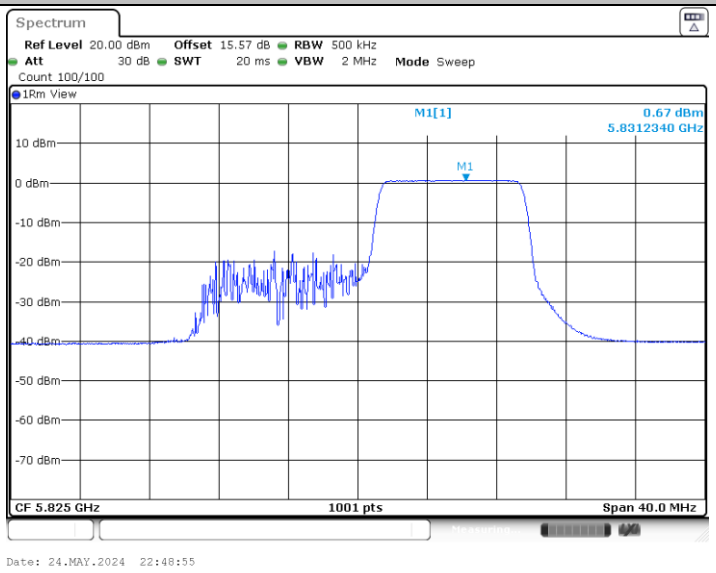
11BE20MIMO_Ant8_5825_26Tone_RU8


11BE20MIMO_Ant8_5825_52Tone_RU40


11BE20MIMO_Ant8_5825_106Tone_RU54


11BE20MIMO_Ant10_5825_26Tone_RU8


11BE20MIMO_Ant10_5825_52Tone_RU40


11BE20MIMO_Ant10_5825_106Tone_RU54


<11be Small RU>

Maximum power spectral density

Test Result

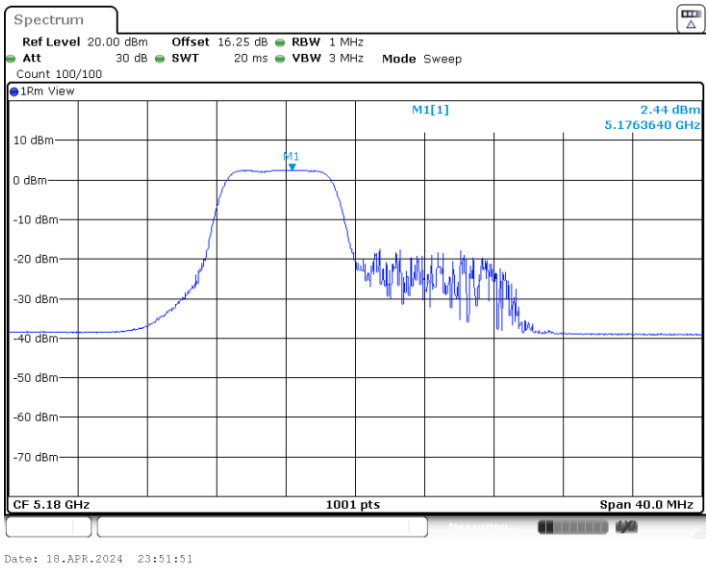
Test Mode	Antenna	Freq (MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11BE20 MIMO	Ant8	5180	52Tone+26Tone	RU37+RU2	2.44	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	3.24	≤11.00	PASS
	Ant10	5180	52Tone+26Tone	RU37+RU2	1.64	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	2.74	≤11.00	PASS
	total	5180	52Tone+26Tone	RU37+RU2	5.07	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	6.01	≤11.00	PASS
	Ant8	5320	52Tone+26Tone	RU40+RU6	2.45	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	3.39	≤11.00	PASS
	Ant10	5320	52Tone+26Tone	RU40+RU6	2.15	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	3.16	≤11.00	PASS
	total	5320	52Tone+26Tone	RU40+RU6	5.31	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	6.29	≤11.00	PASS
	Ant8	5500	52Tone+26Tone	RU37+RU2	3.55	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	4.31	≤11.00	PASS
	Ant10	5500	52Tone+26Tone	RU37+RU2	3.34	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	4.36	≤11.00	PASS
	total	5500	52Tone+26Tone	RU37+RU2	6.46	≤11.00	PASS
			106Tone+26Tone	RU53+RU4	7.35	≤11.00	PASS
	Ant8	5700	52Tone+26Tone	RU40+RU6	3.48	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	4.71	≤11.00	PASS
	Ant10	5700	52Tone+26Tone	RU40+RU6	2.98	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	4.17	≤11.00	PASS
	total	5700	52Tone+26Tone	RU40+RU6	6.25	≤11.00	PASS
			106Tone+26Tone	RU54+RU4	7.46	≤11.00	PASS
	Ant8	5745	52Tone+26Tone	RU37+RU2	-0.65	≤30.00	PASS
			106Tone+26Tone	RU53+RU4	0.29	≤30.00	PASS
	Ant10	5745	52Tone+26Tone	RU37+RU2	-0.50	≤30.00	PASS
			106Tone+26Tone	RU53+RU4	0.16	≤30.00	PASS
	total	5745	52Tone+26Tone	RU37+RU2	2.44	≤30.00	PASS
			106Tone+26Tone	RU53+RU4	3.24	≤30.00	PASS
	Ant8	5825	52Tone+26Tone	RU40+RU6	-1.14	≤30.00	PASS
			106Tone+26Tone	RU54+RU4	-0.32	≤30.00	PASS
	Ant10	5825	52Tone+26Tone	RU40+RU6	-0.77	≤30.00	PASS
			106Tone+26Tone	RU54+RU4	-0.27	≤30.00	PASS
	total	5825	52Tone+26Tone	RU40+RU6	2.06	≤30.00	PASS
			106Tone+26Tone	RU54+RU4	2.72	≤30.00	PASS

Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

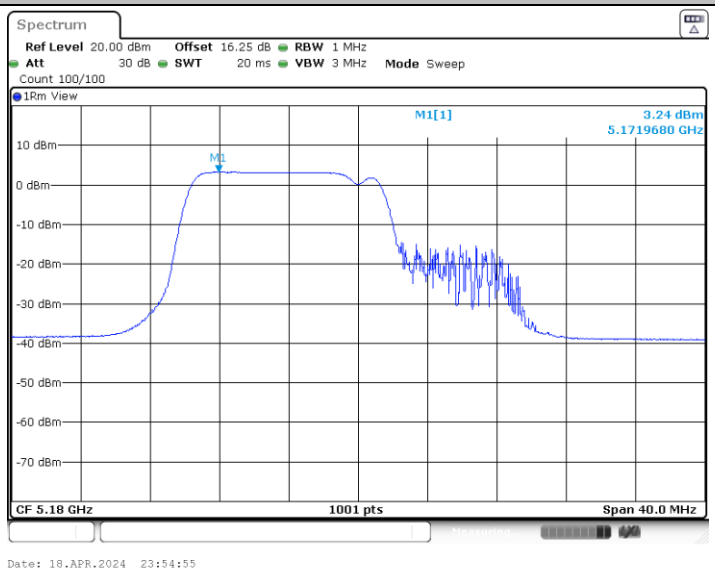
2.The Duty Cycle Factor and is compensated in the graph.

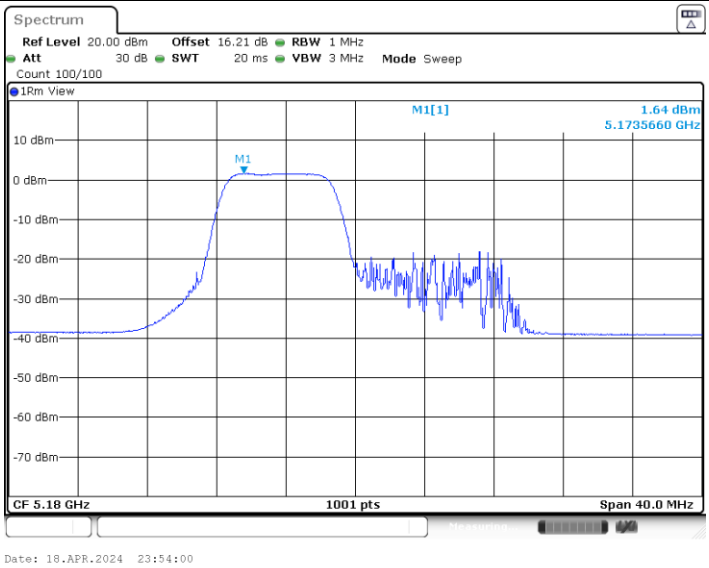
Test Graphs

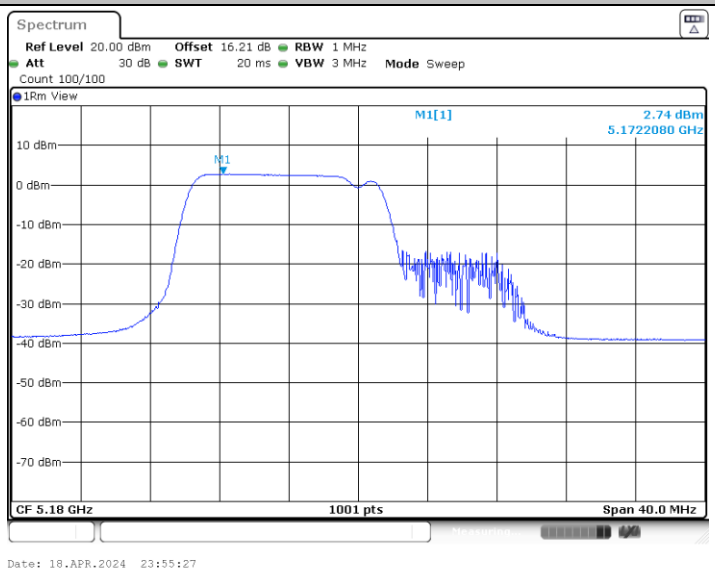
11BE20MIMO_Ant8_5180_52Tone+26Tone_RU37+RU2

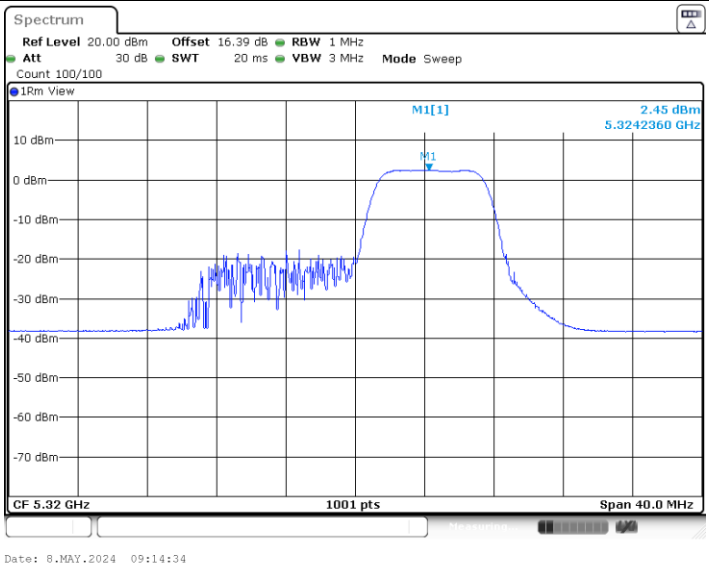


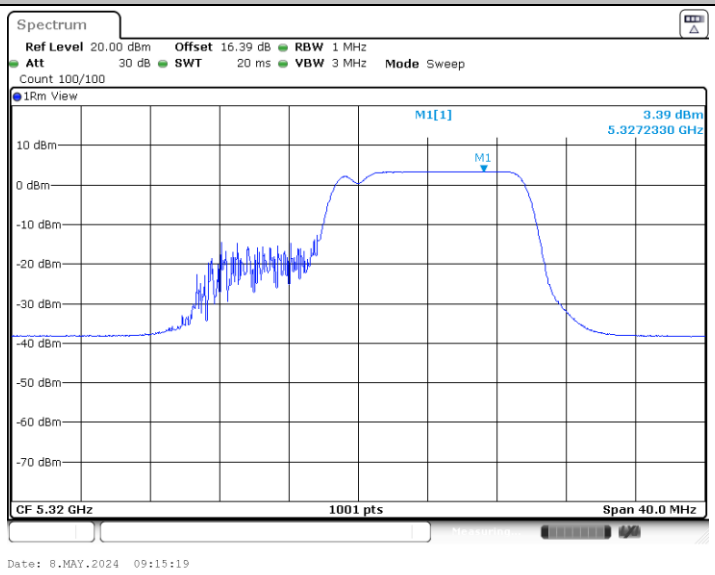
11BE20MIMO_Ant8_5180_106Tone+26Tone_RU53+RU4

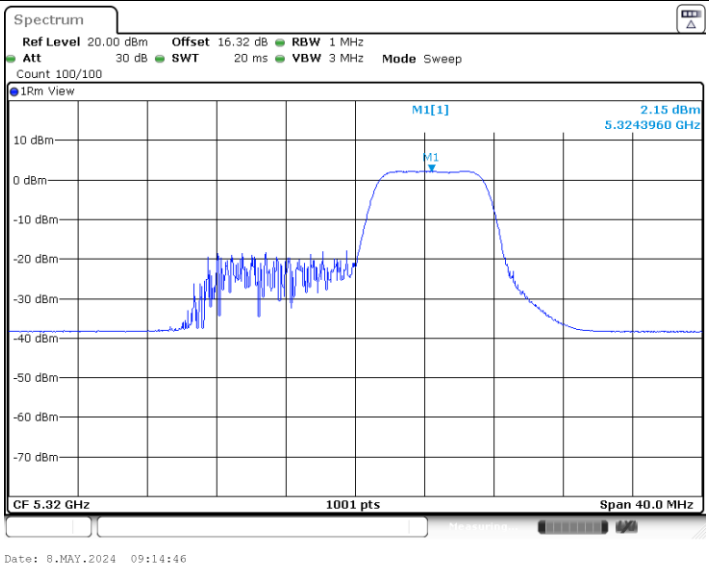


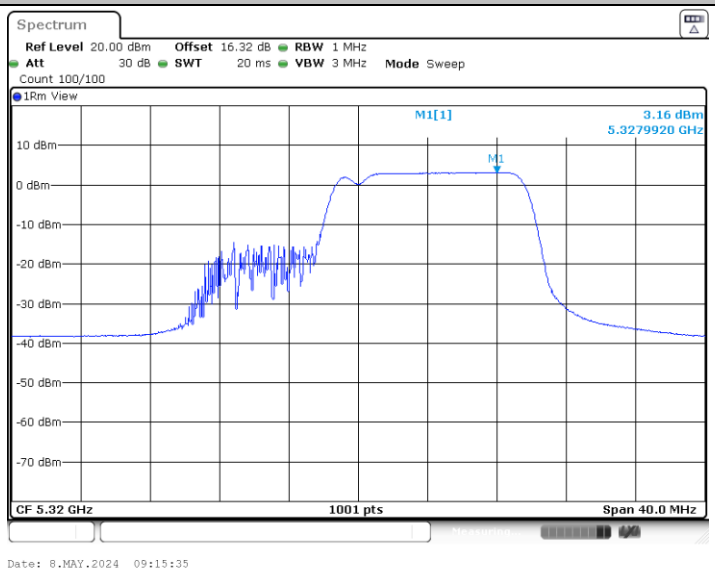
11BE20MIMO_Ant10_5180_52Tone+26Tone_RU37+RU2


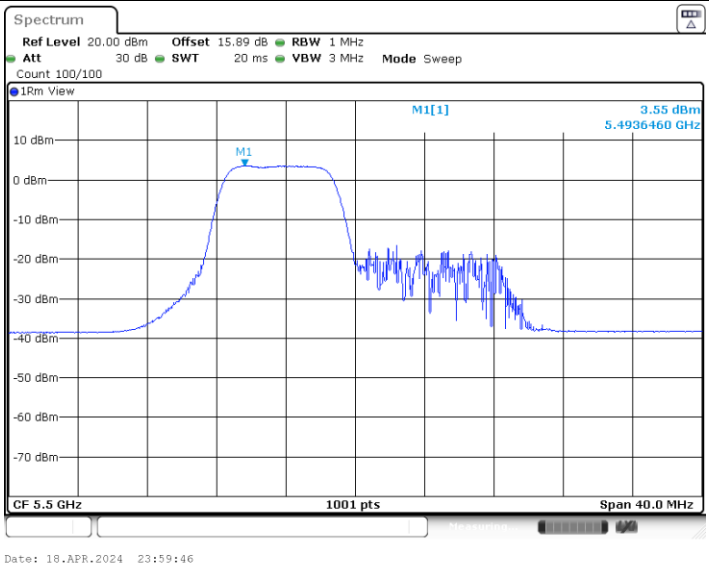
11BE20MIMO_Ant10_5180_106Tone+26Tone_RU53+RU4


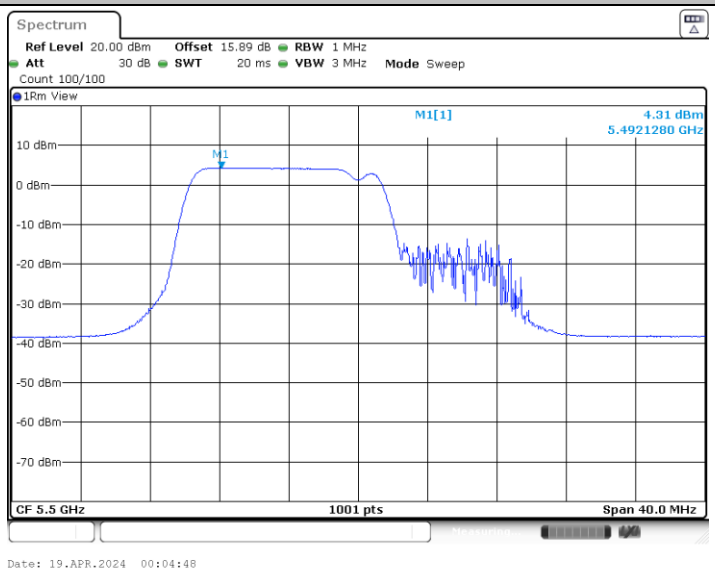
11BE20MIMO_Ant8_5320_52Tone+26Tone_RU40+RU6


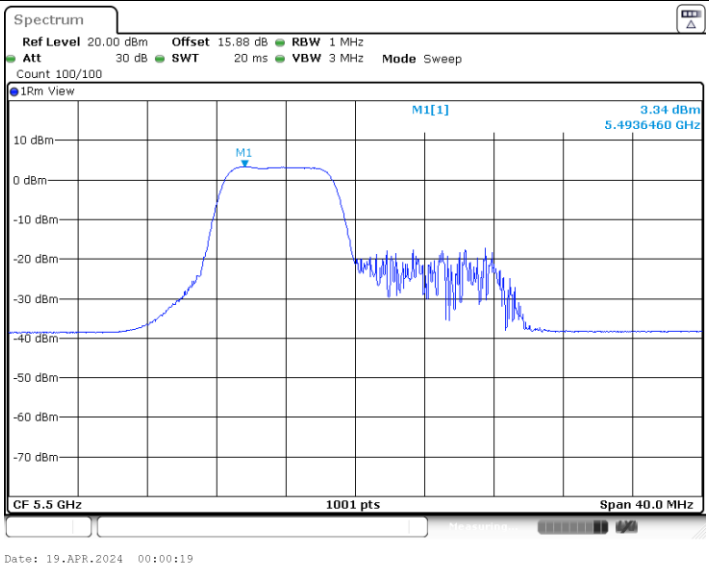
11BE20MIMO_Ant8_5320_106Tone+26Tone_RU54+RU4


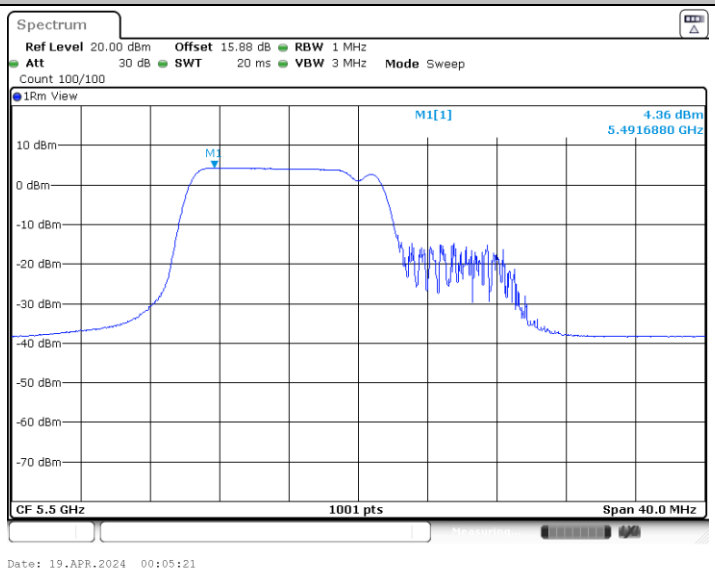
11BE20MIMO_Ant10_5320_52Tone+26Tone_RU40+RU6


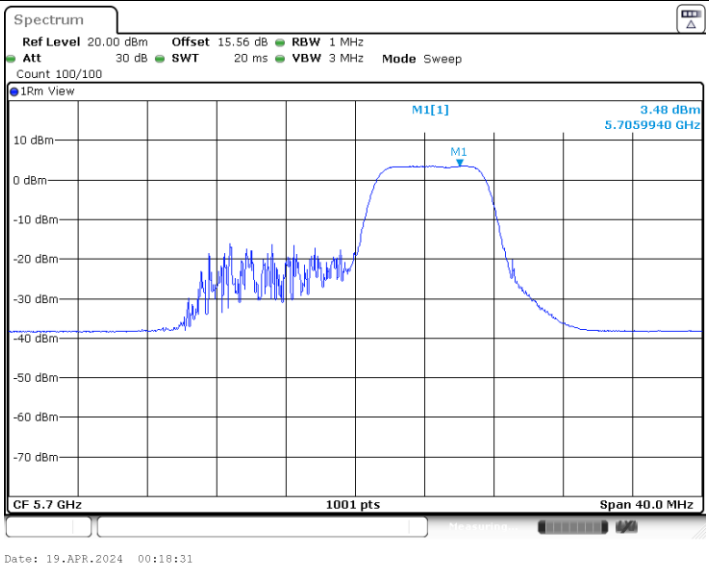
11BE20MIMO_Ant10_5320_106Tone+26Tone_RU54+RU4


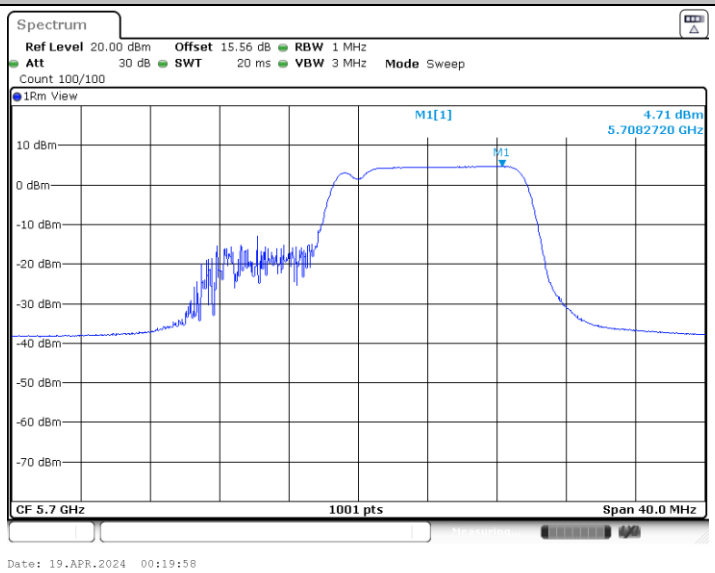
11BE20MIMO_Ant8_5500_52Tone+26Tone_RU37+RU2


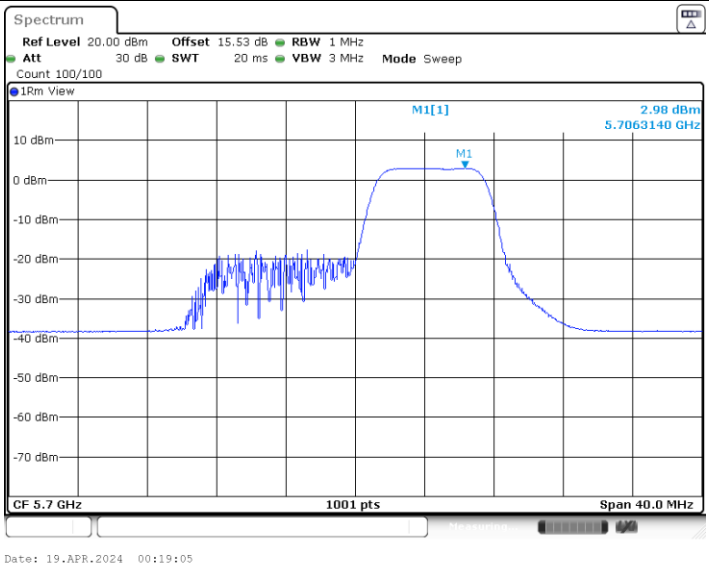
11BE20MIMO_Ant8_5500_106Tone+26Tone_RU53+RU4


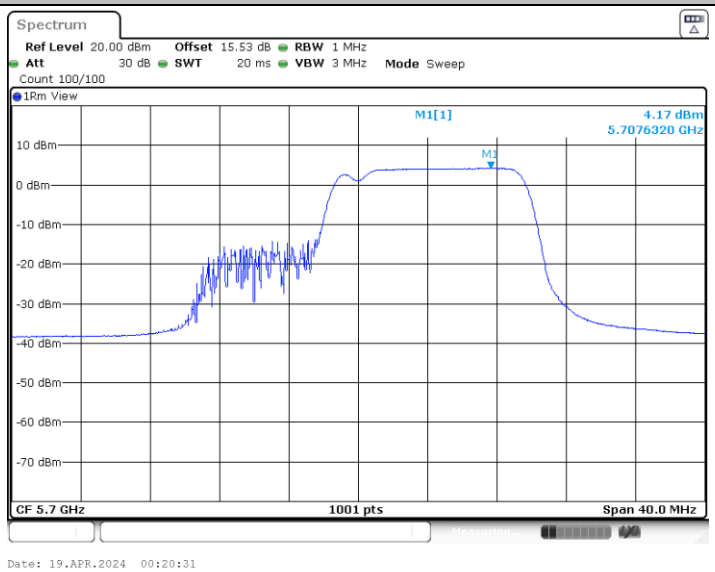
11BE20MIMO_Ant10_5500_52Tone+26Tone_RU37+RU2


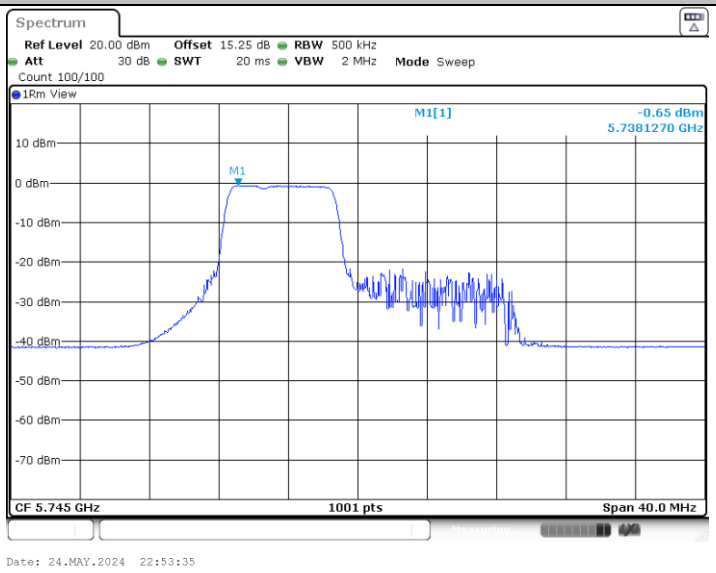
11BE20MIMO_Ant10_5500_106Tone+26Tone_RU53+RU4


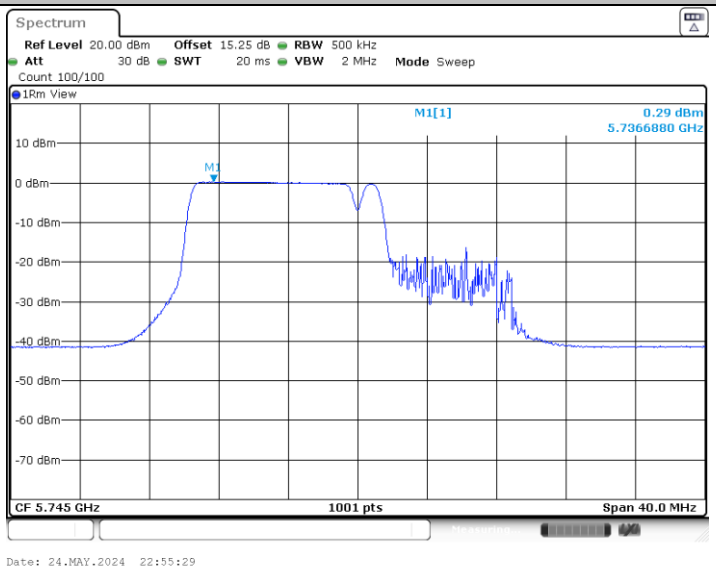
11BE20MIMO_Ant8_5700_52Tone+26Tone_RU40+RU6


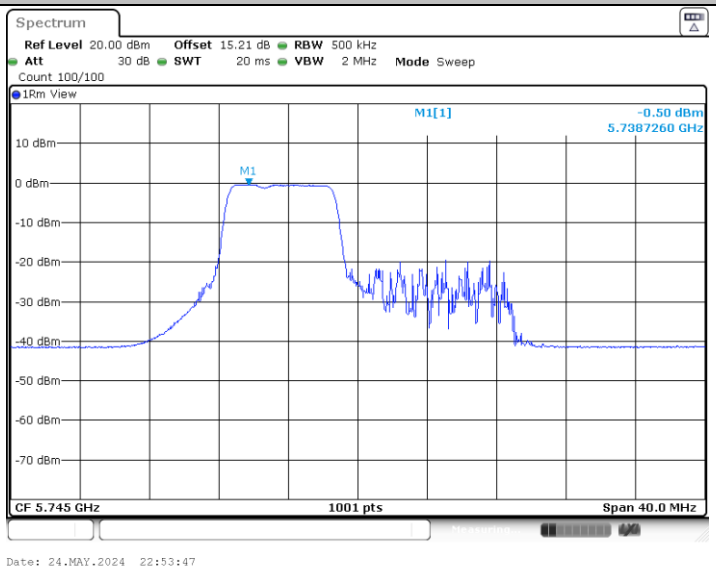
11BE20MIMO_Ant8_5700_106Tone+26Tone_RU54+RU4


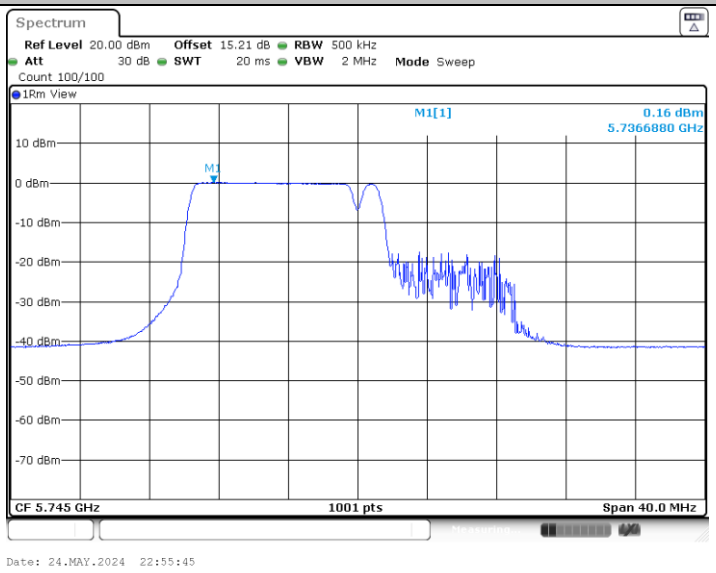
11BE20MIMO_Ant10_5700_52Tone+26Tone_RU40+RU6


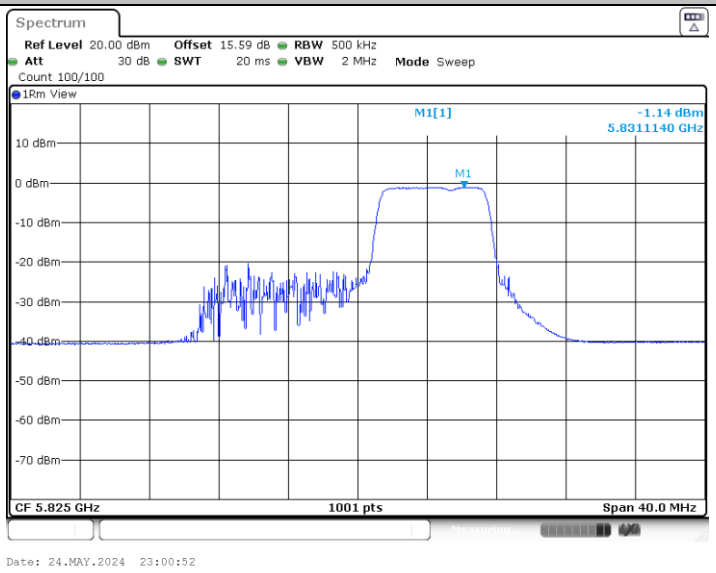
11BE20MIMO_Ant10_5700_106Tone+26Tone_RU54+RU4


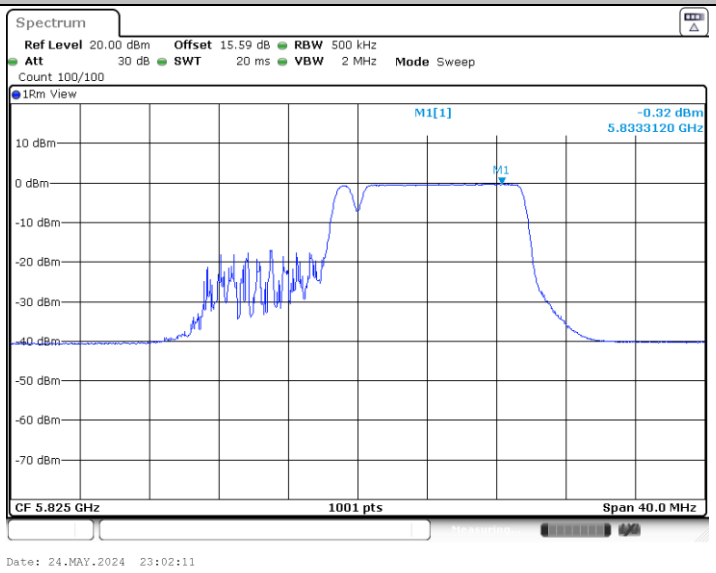
11BE20MIMO_Ant8_5745_52Tone+26Tone_RU37+RU2


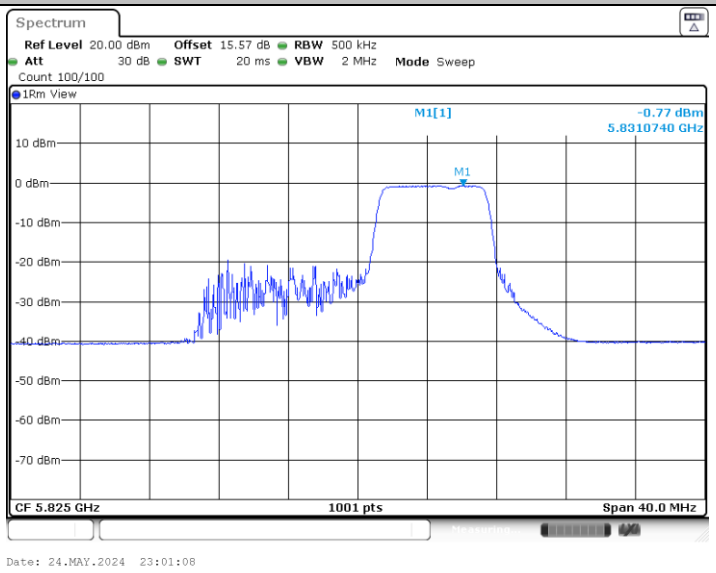
11BE20MIMO_Ant8_5745_106Tone+26Tone_RU53+RU4


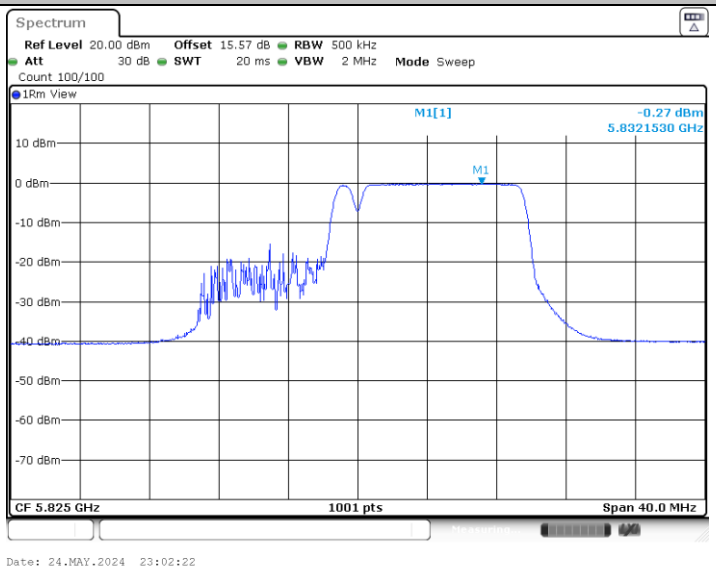
11BE20MIMO_Ant10_5745_52Tone+26Tone_RU37+RU2


11BE20MIMO_Ant10_5745_106Tone+26Tone_RU53+RU4


11BE20MIMO_Ant8_5825_52Tone+26Tone_RU40+RU6


11BE20MIMO_Ant8_5825_106Tone+26Tone_RU54+RU4


11BE20MIMO_Ant10_5825_52Tone+26Tone_RU40+RU6


11BE20MIMO_Ant10_5825_106Tone+26Tone_RU54+RU4


<11be Large RU>

Maximum power spectral density

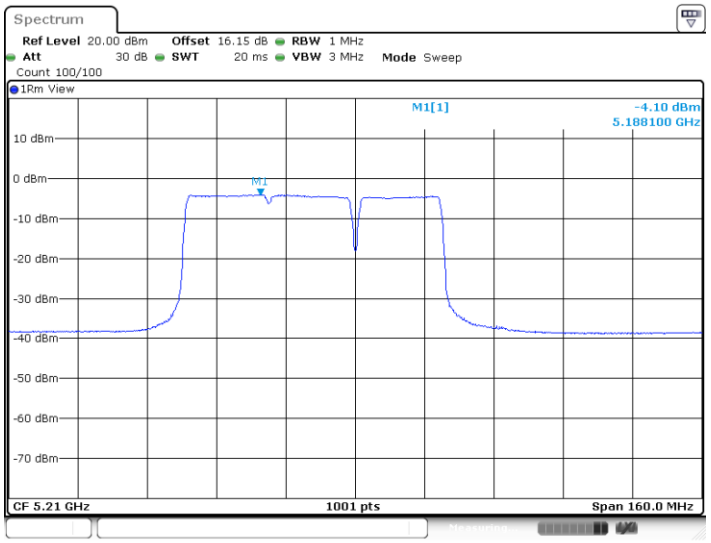
Test Result

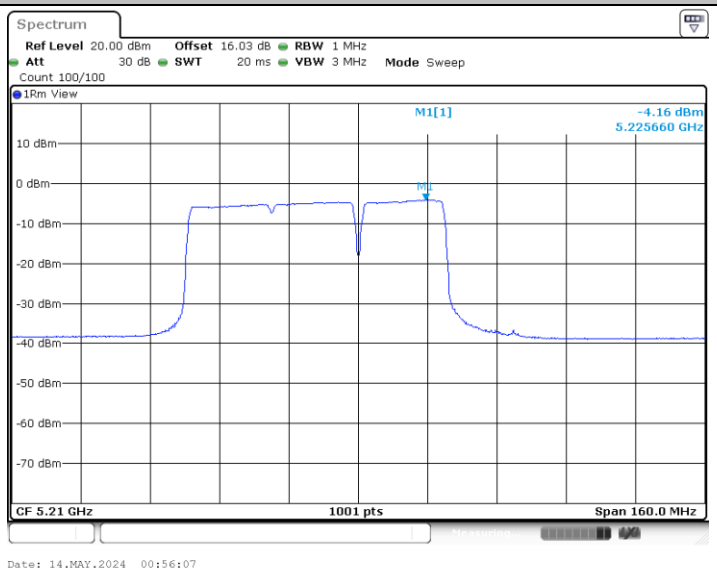
Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11BE80MIMO	Ant8	5210	484Tone+242Tone	RU4	-4.10	≤11.00	PASS
	Ant10	5210	484Tone+242Tone	RU4	-4.16	≤11.00	PASS
	total	5210	484Tone+242Tone	RU4	-1.12	≤11.00	PASS
	Ant8	5290	484Tone+242Tone	RU2	-5.00	≤11.00	PASS
	Ant10	5290	484Tone+242Tone	RU2	-4.43	≤11.00	PASS
	total	5290	484Tone+242Tone	RU2	-1.70	≤11.00	PASS
	Ant8	5530	484Tone+242Tone	RU4	-2.85	≤11.00	PASS
	Ant10	5530	484Tone+242Tone	RU4	-3.06	≤11.00	PASS
	total	5530	484Tone+242Tone	RU4	0.06	≤11.00	PASS
	Ant8	5775	484Tone+242Tone	RU4	-5.08	≤30.00	PASS
	Ant10	5775	484Tone+242Tone	RU4	-4.89	≤30.00	PASS
	total	5775	484Tone+242Tone	RU4	-1.97	≤30.00	PASS
11BE160MIMO	Ant8	5250_UNII-1	996Tone+484Tone	RU3	-8.72	≤11.00	PASS
	Ant10	5250_UNII-1	996Tone+484Tone	RU3	-8.08	≤11.00	PASS
	total	5250_UNII-1	996Tone+484Tone	RU3	-5.38	≤11.00	PASS
	Ant8	5250_UNII-2A	996Tone+484Tone	RU3	-9.82	≤11.00	PASS
	Ant10	5250_UNII-2A	996Tone+484Tone	RU3	-9.82	≤11.00	PASS
	total	5250_UNII-2A	996Tone+484Tone	RU3	-6.81	≤11.00	PASS
	Ant8	5570	996Tone+484Tone	RU3	-6.33	≤11.00	PASS
	Ant10	5570	996Tone+484Tone	RU3	-6.58	≤11.00	PASS
	total	5570	996Tone+484Tone	RU3	-3.44	≤11.00	PASS

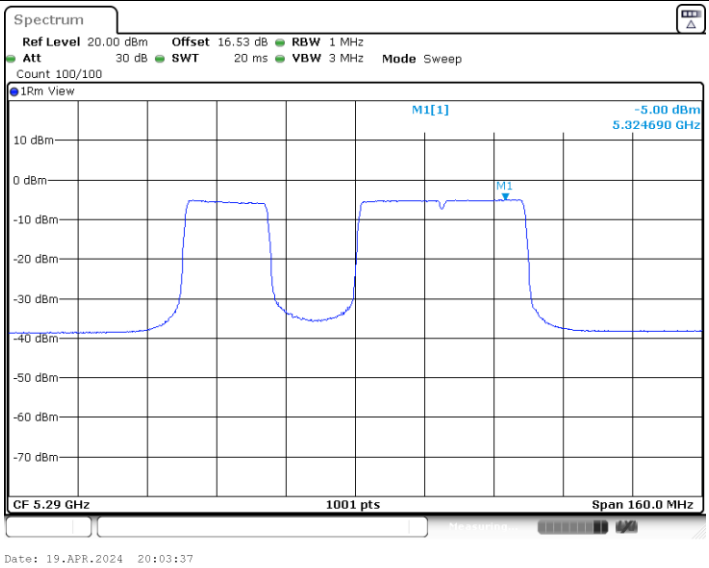
Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

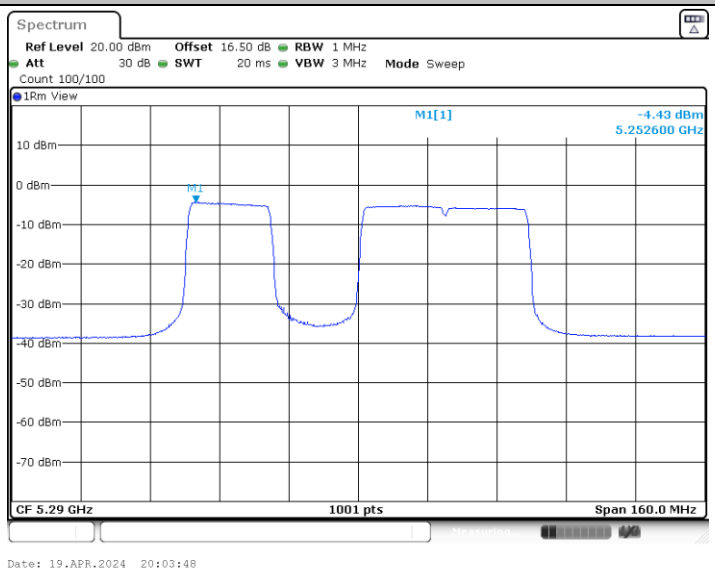
2.The Duty Cycle Factor and is compensated in the graph.

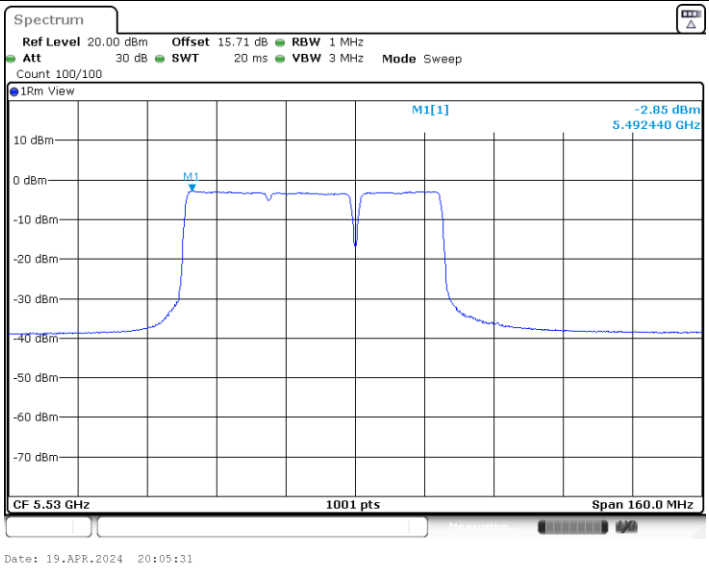
Test Graphs

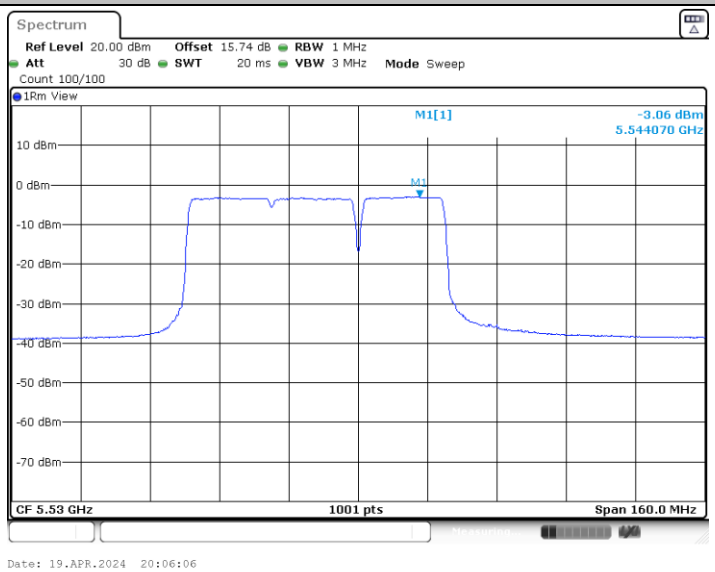
11BE80MIMO_Ant8_5210_484Tone+242Tone_RU4


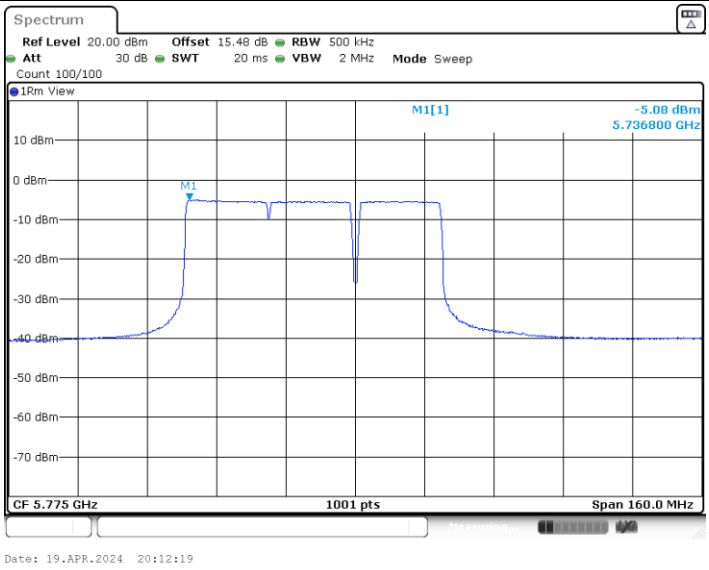
11BE80MIMO_Ant10_5210_484Tone+242Tone_RU4


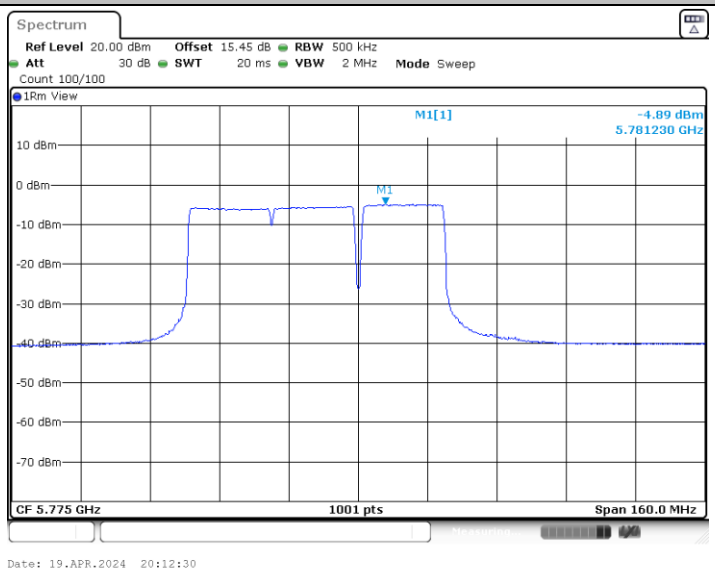
11BE80MIMO_Ant8_5290_484Tone+242Tone_RU2


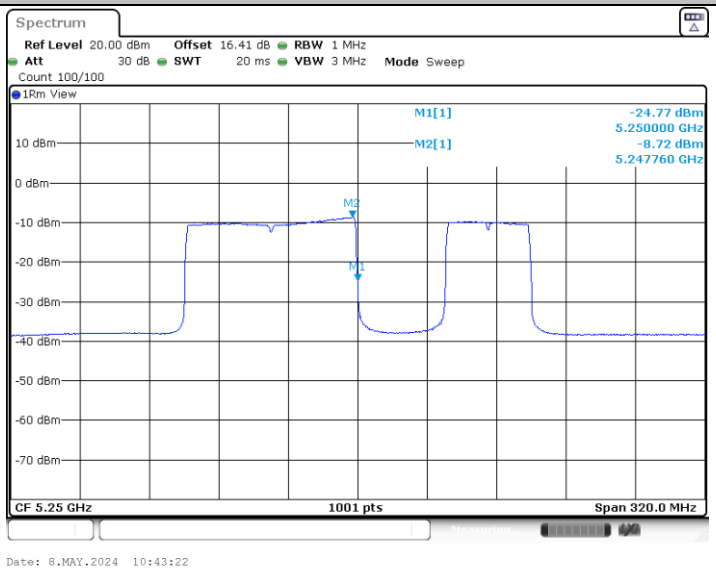
11BE80MIMO_Ant10_5290_484Tone+242Tone_RU2


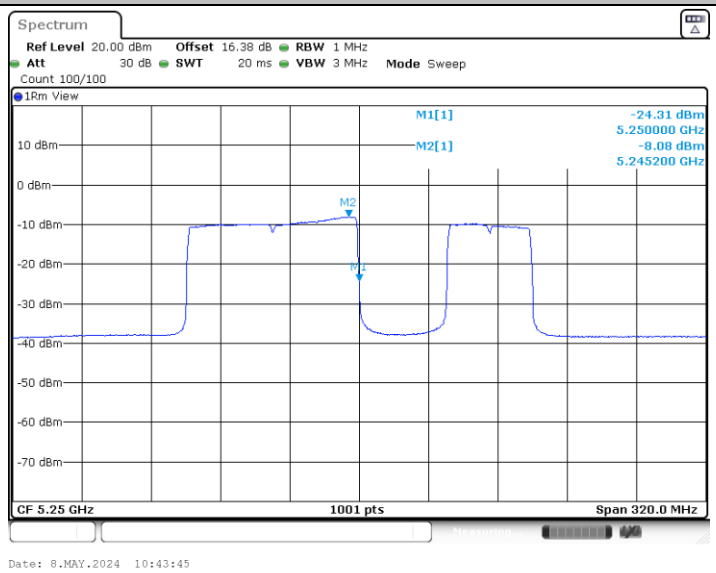
11BE80MIMO_Ant8_5530_484Tone+242Tone_RU4


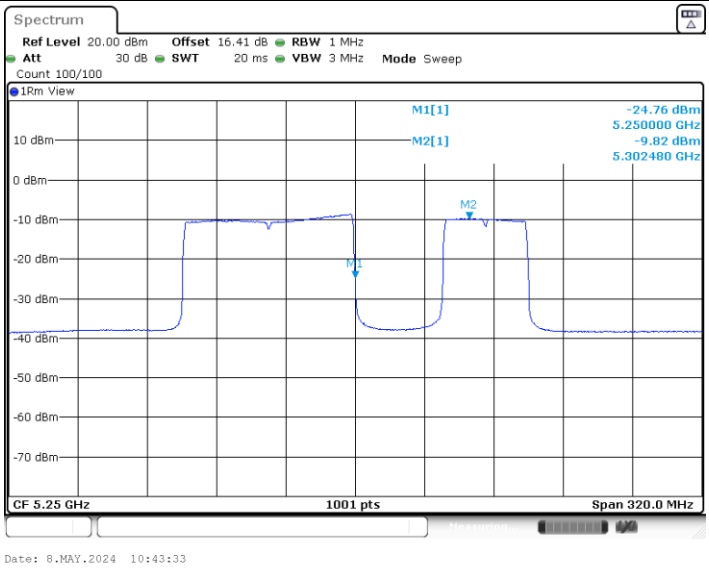
11BE80MIMO_Ant10_5530_484Tone+242Tone_RU4


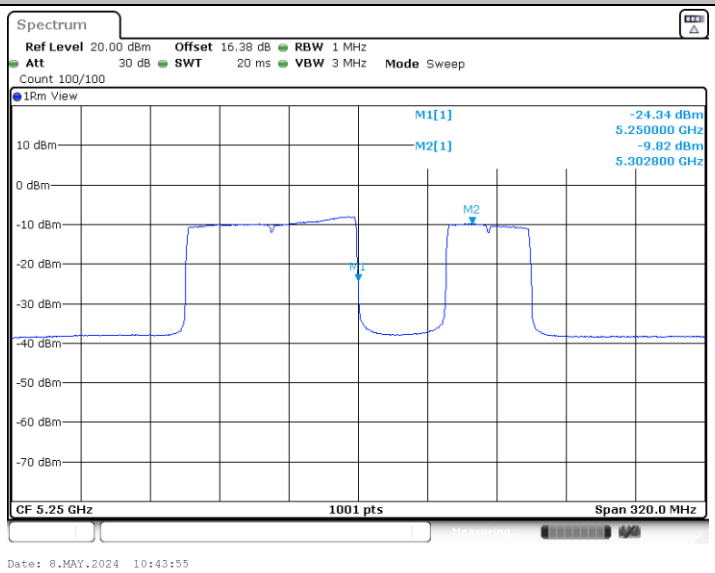
11BE80MIMO_Ant8_5775_484Tone+242Tone_RU4


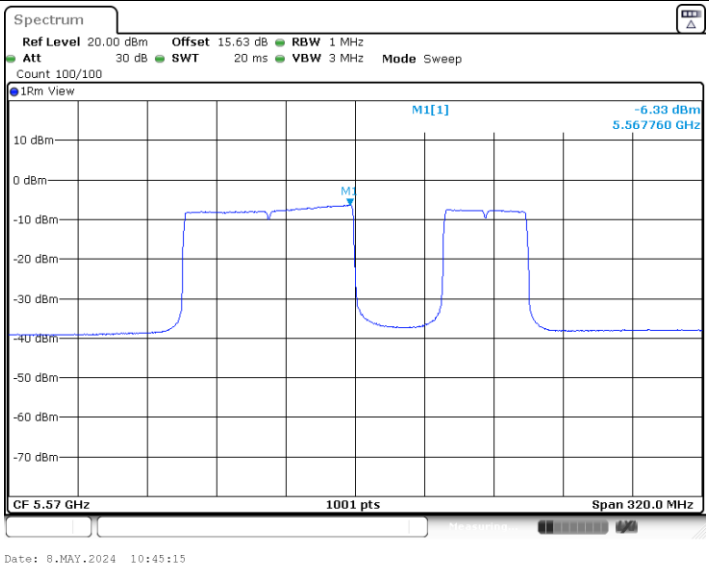
11BE80MIMO_Ant10_5775_484Tone+242Tone_RU4


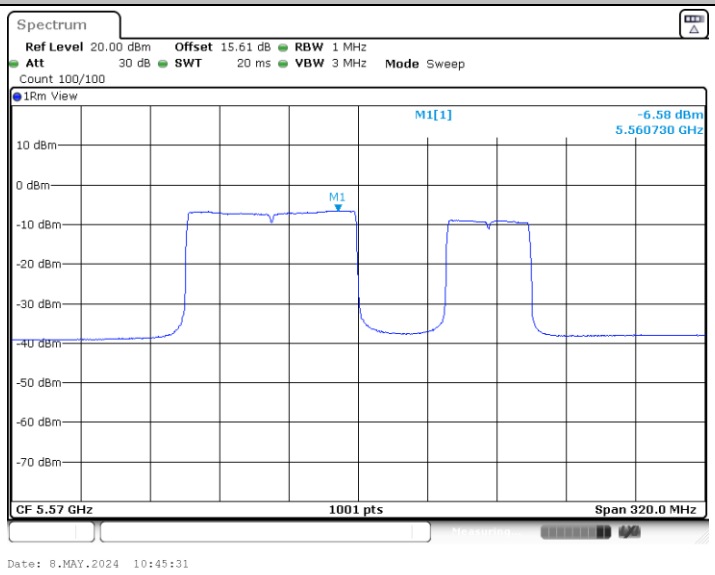
11BE160MIMO_Ant8_5250_UNII-1_996Tone+484Tone_RU3


11BE160MIMO_Ant10_5250_UNII-1_996Tone+484Tone_RU3


11BE160MIMO_Ant8_5250_UNII-2A_996Tone+484Tone_RU3


11BE160MIMO_Ant10_5250_UNII-2A_996Tone+484Tone_RU3


11BE160MIMO_Ant8_5570_996Tone+484Tone_RU3


11BE160MIMO_Ant10_5570_996Tone+484Tone_RU3


<11be Puncturing Mode>

Maximum power spectral density

Test Result

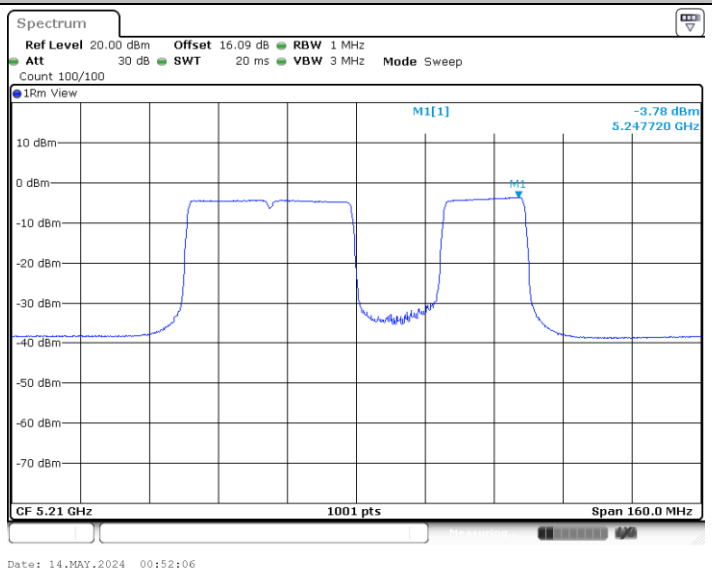
Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11BE80 MIMO	Ant8	5210	Puncturing 20M	RU3	-3.78	≤11.00	PASS
	Ant10	5210	Puncturing 20M	RU3	-3.90	≤11.00	PASS
	total	5210	Puncturing 20M	RU3	-0.83	≤11.00	PASS
	Ant8	5290	Puncturing 20M	RU2	-5.24	≤11.00	PASS
	Ant10	5290	Puncturing 20M	RU2	-5.17	≤11.00	PASS
	total	5290	Puncturing 20M	RU2	-2.19	≤11.00	PASS
	Ant8	5530	Puncturing 20M	RU3	-3.01	≤11.00	PASS
	Ant10	5530	Puncturing 20M	RU3	-2.86	≤11.00	PASS
	total	5530	Puncturing 20M	RU3	0.08	≤11.00	PASS
	Ant8	5775	Puncturing 20M	RU3	-5.21	≤30.00	PASS
	Ant10	5775	Puncturing 20M	RU3	-4.91	≤30.00	PASS
	total	5775	Puncturing 20M	RU3	-2.05	≤30.00	PASS
11BE160 MIMO	Ant8	5250_UNII-1	Puncturing 20M	RU1	-8.93	≤11.00	PASS
			Puncturing 40M	RU2	-10.39	≤11.00	PASS
				RU3	-8.73	≤11.00	PASS
			Puncturing 20M	RU8	-8.80	≤11.00	PASS
	Ant10	5250_UNII-1	Puncturing 20M	RU1	-8.55	≤11.00	PASS
			Puncturing 40M	RU2	-9.96	≤11.00	PASS
				RU3	-8.21	≤11.00	PASS
			Puncturing 20M	RU8	-8.41	≤11.00	PASS
	total	5250_UNII-1	Puncturing 20M	RU1	-5.73	≤11.00	PASS
			Puncturing 40M	RU2	-7.16	≤11.00	PASS
				RU3	-5.45	≤11.00	PASS
			Puncturing 20M	RU8	-5.59	≤11.00	PASS
	Ant8	5250_UNII-2A	Puncturing 20M	RU1	-8.94	≤11.00	PASS
			Puncturing 40M	RU2	-8.77	≤11.00	PASS
				RU3	-9.84	≤11.00	PASS
			Puncturing 20M	RU8	-8.80	≤11.00	PASS
	Ant10	5250_UNII-2A	Puncturing 20M	RU1	-8.77	≤11.00	PASS
			Puncturing 40M	RU2	-8.49	≤11.00	PASS
				RU3	-9.88	≤11.00	PASS

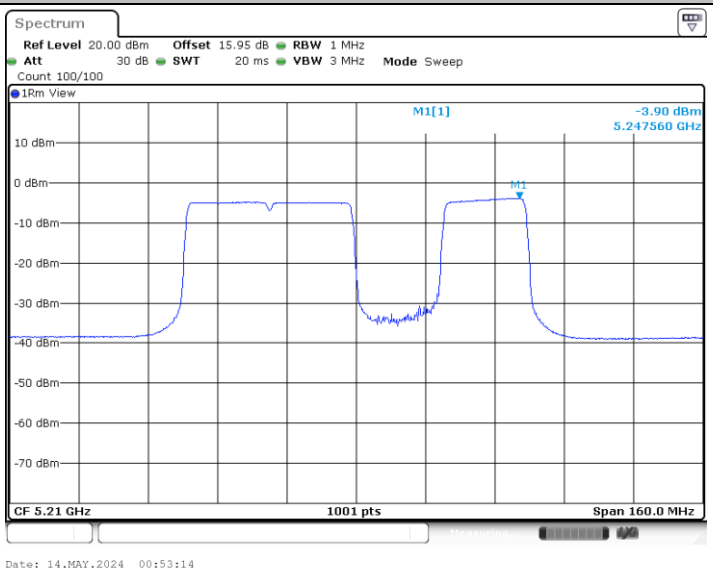
			Puncturing 20M	RU8	-8.68	≤11.00	PASS
	total	5250_UNII-2A	Puncturing 20M	RU1	-5.84	≤11.00	PASS
			Puncturing 40M	RU2	-5.62	≤11.00	PASS
				RU3	-6.85	≤11.00	PASS
			Puncturing 20M	RU8	-5.73	≤11.00	PASS
	Ant8	5570	Puncturing 40M	RU3	-6.56	≤11.00	PASS
			Puncturing 20M	RU8	-6.89	≤11.00	PASS
	Ant10	5570	Puncturing 40M	RU3	-6.65	≤11.00	PASS
			Puncturing 20M	RU8	-6.86	≤11.00	PASS
	total	5570	Puncturing 40M	RU3	-3.59	≤11.00	PASS
			Puncturing 20M	RU8	-3.86	≤11.00	PASS

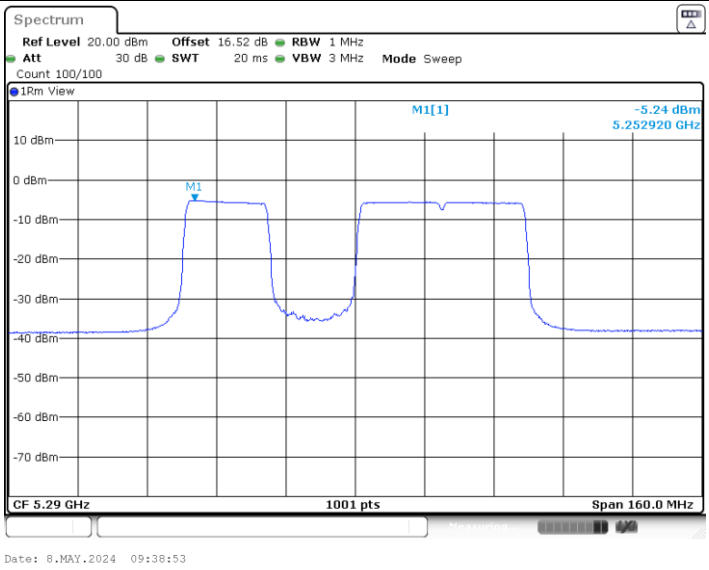
Note：1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

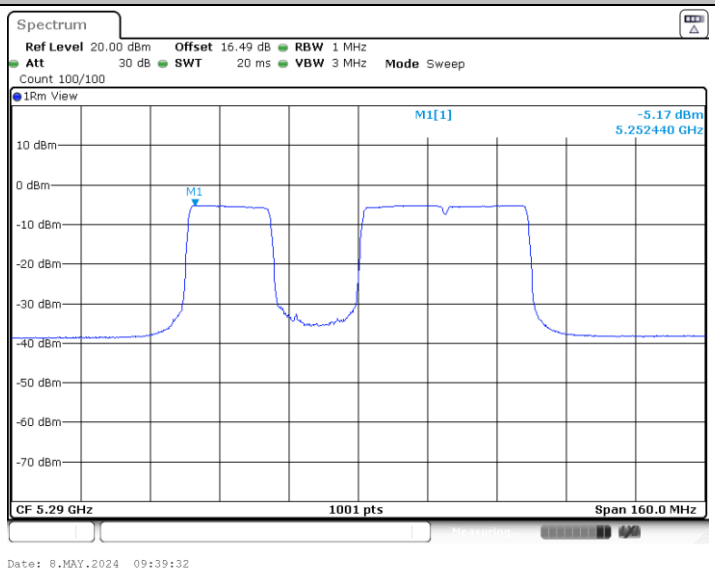
2.The Duty Cycle Factor and is compensated in the graph.

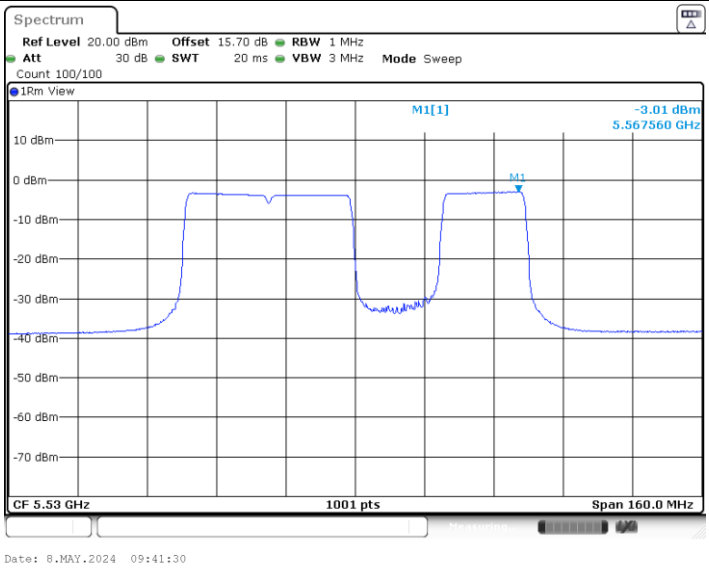
Test Graphs

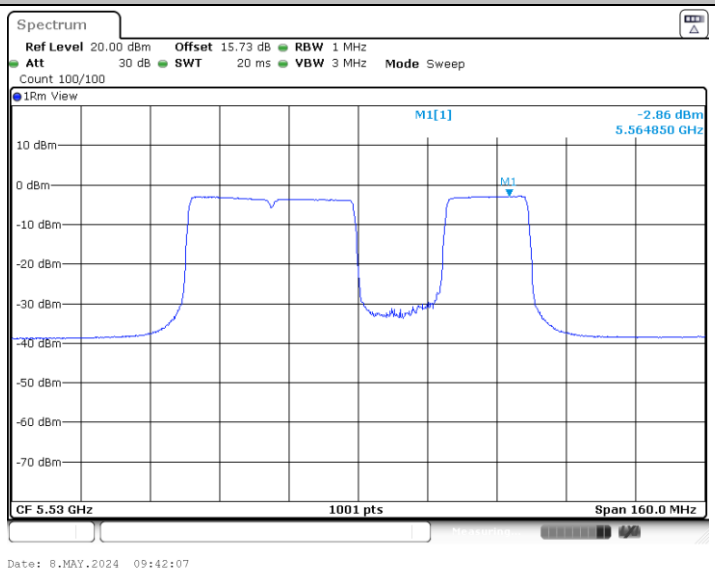
11BE80MIMO_Ant8_5210_Puncturing 20M_RU3


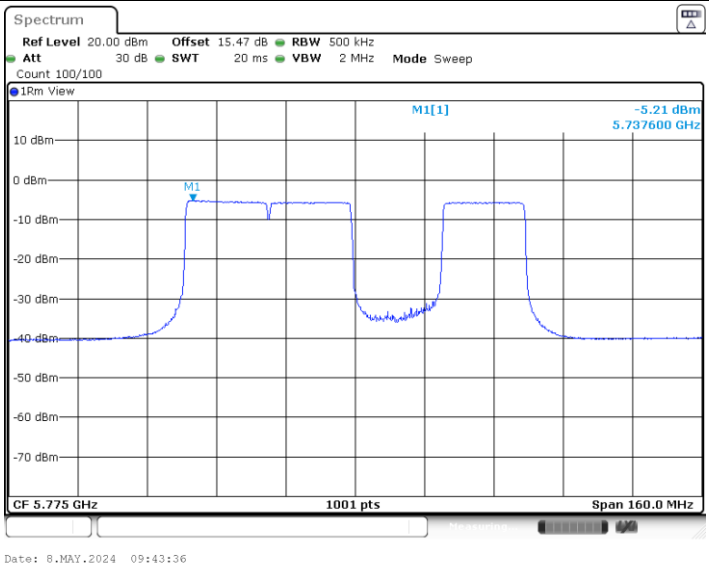
11BE80MIMO_Ant10_5210_Puncturing 20M_RU3


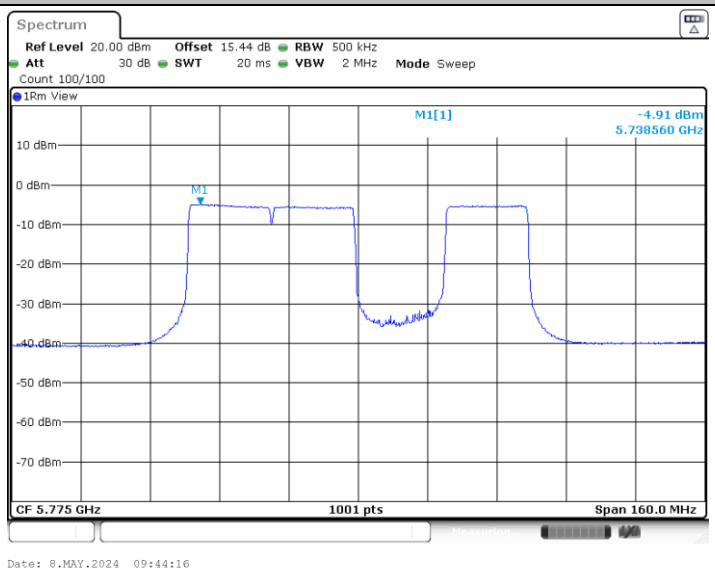
11BE80MIMO_Ant8_5290_Puncturing 20M_RU2


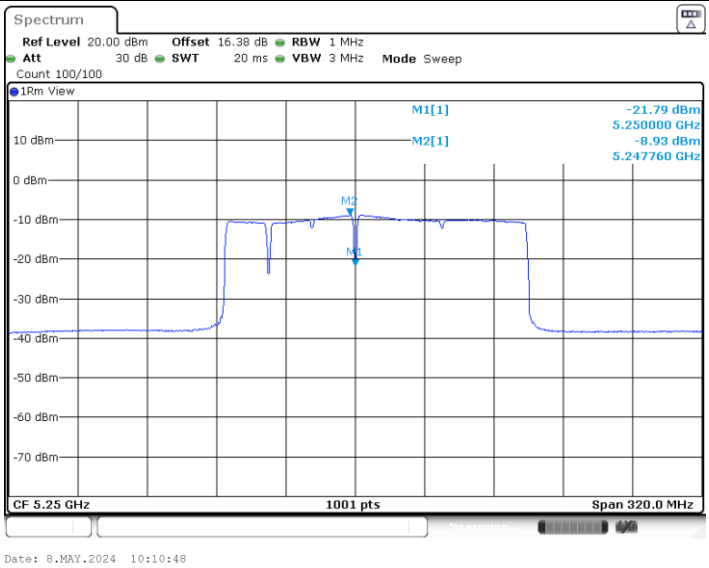
11BE80MIMO_Ant10_5290_Puncturing 20M_RU2


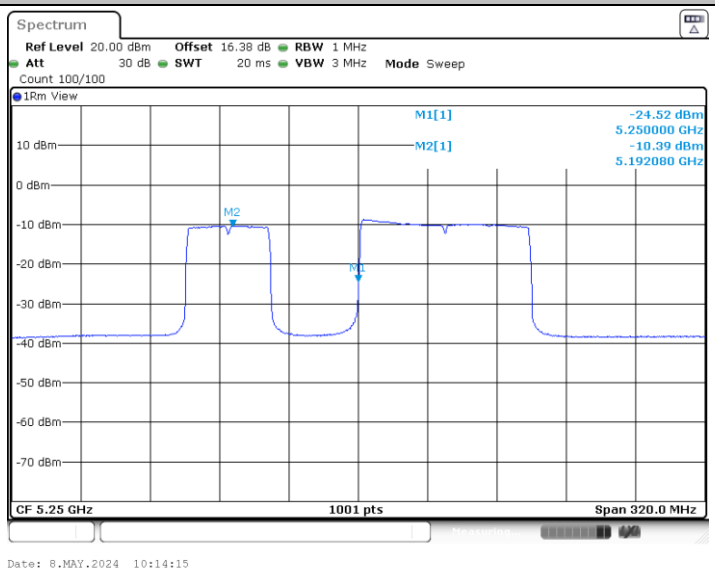
11BE80MIMO_Ant8_5530_Puncturing 20M_RU3


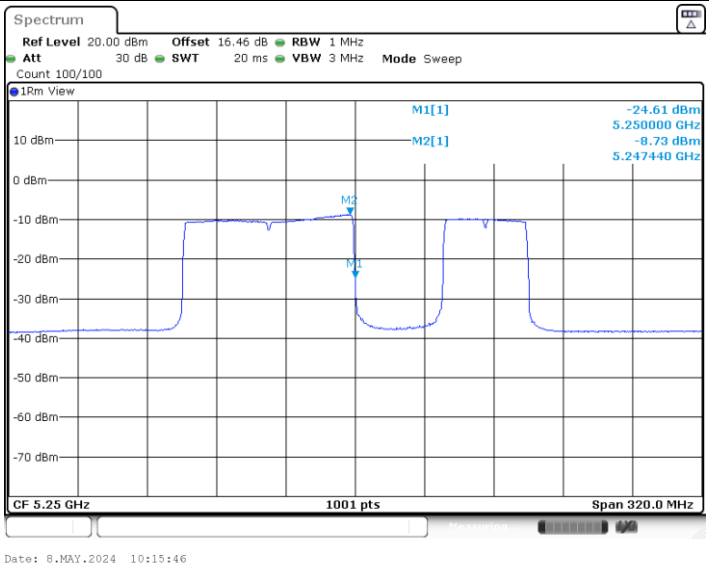
11BE80MIMO_Ant10_5530_Puncturing 20M_RU3


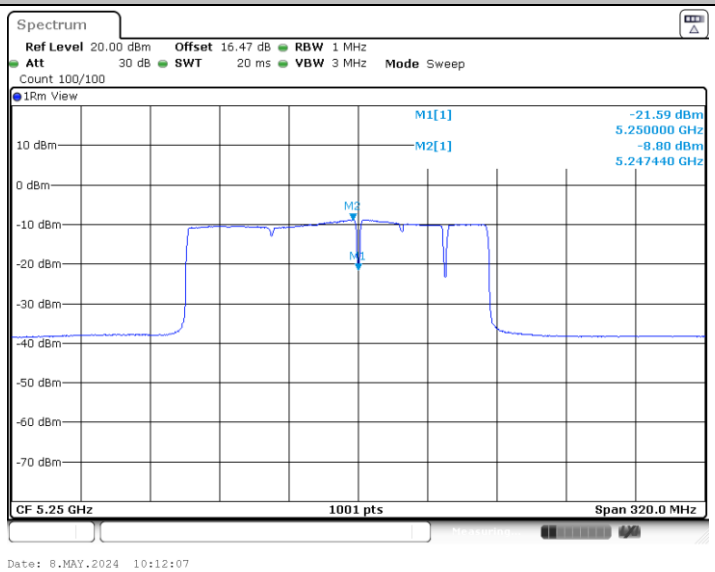
11BE80MIMO_Ant8_5775_Puncturing 20M_RU3


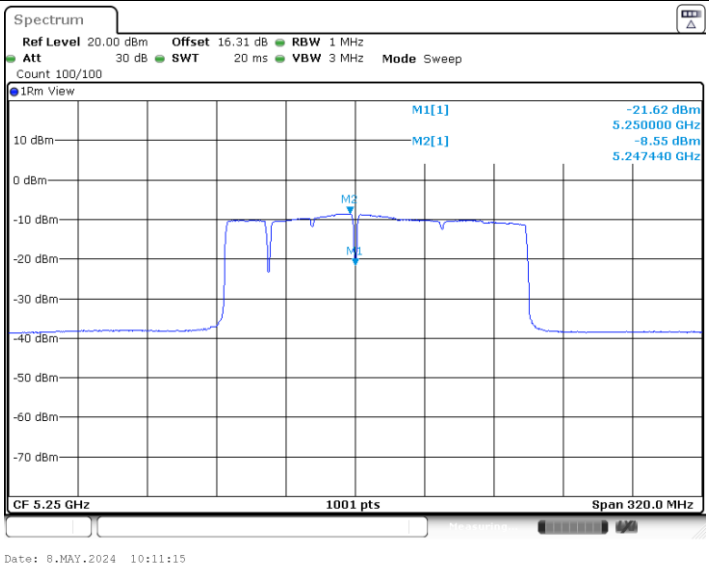
11BE80MIMO_Ant10_5775_Puncturing 20M_RU3


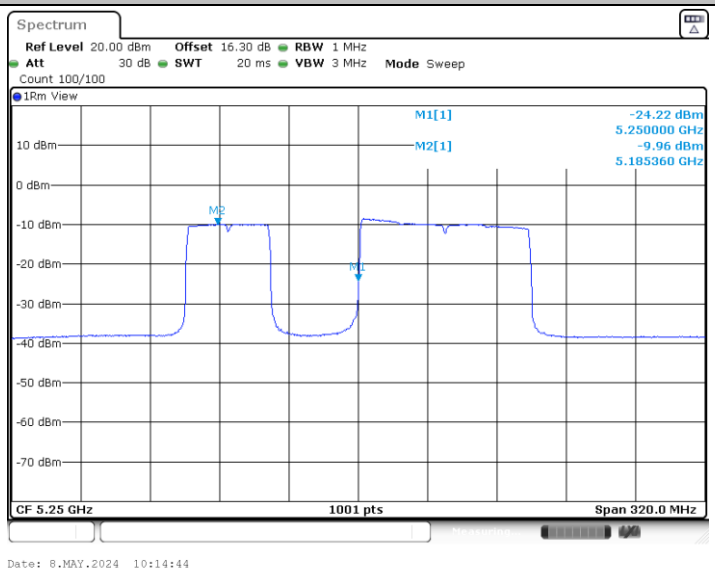
11BE160MIMO_Ant8_5250_UNII-1_Puncturing 20M_RU1


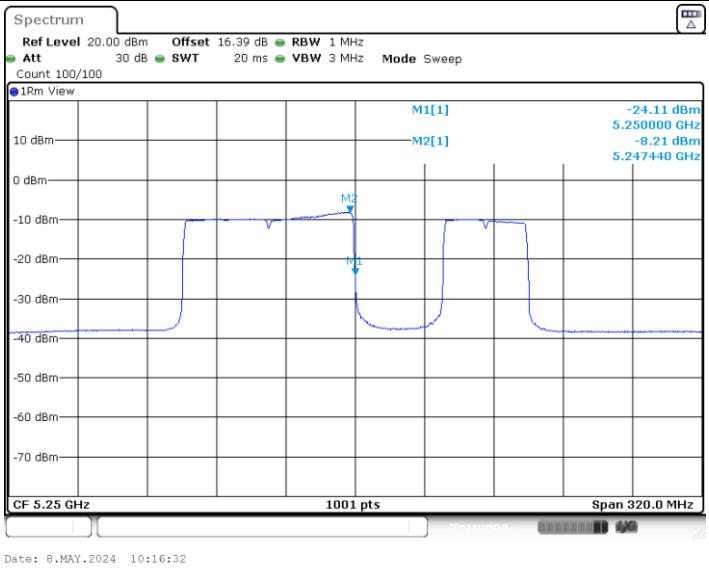
11BE160MIMO_Ant8_5250_UNII-1_Puncturing 40M_RU2


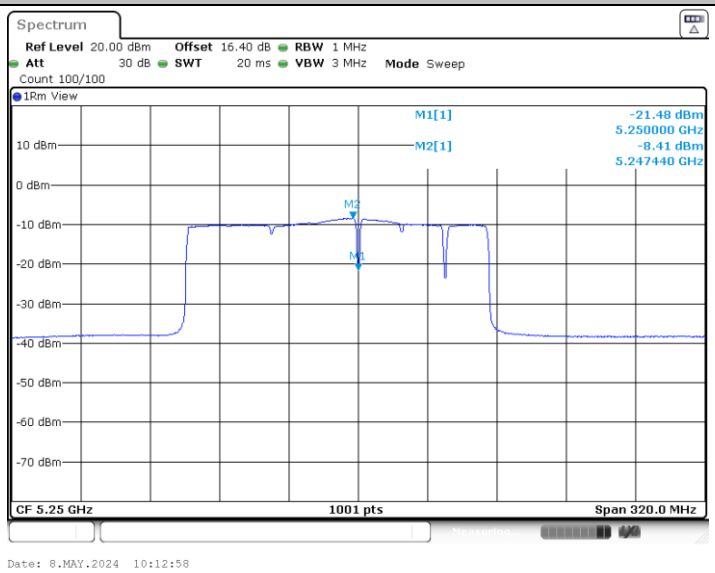
11BE160MIMO_Ant8_5250_UNII-1_Puncturing 40M_RU3


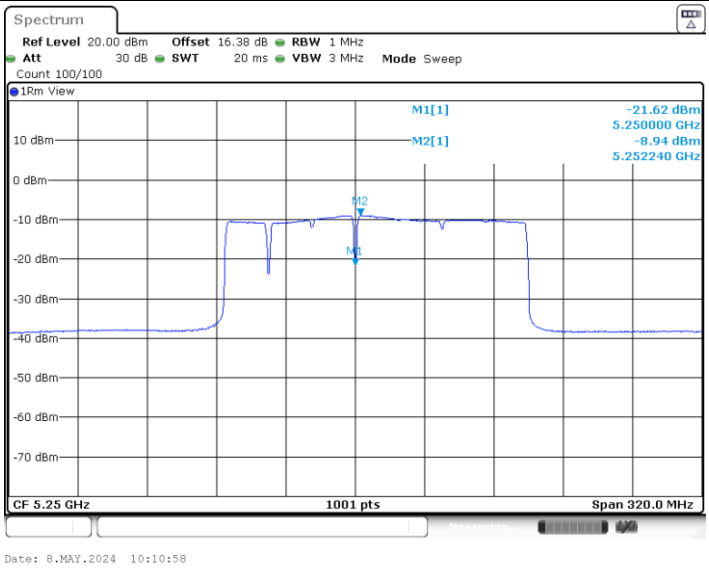
11BE160MIMO_Ant8_5250_UNII-1_Puncturing 20M_RU8


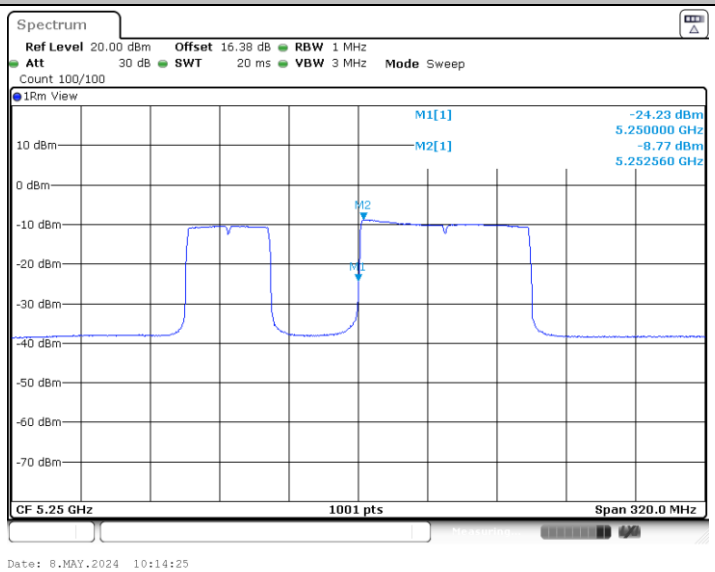
11BE160MIMO_Ant10_5250_UNII-1_Puncturing 20M_RU1


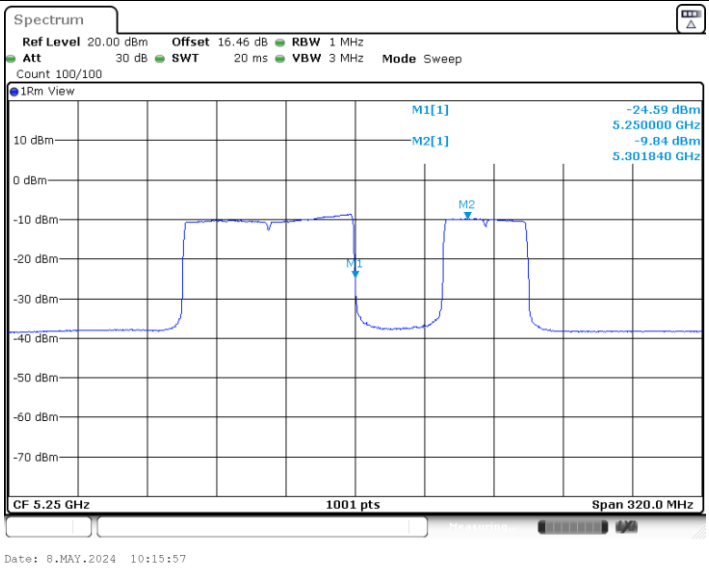
11BE160MIMO_Ant10_5250_UNII-1_Puncturing 40M_RU2


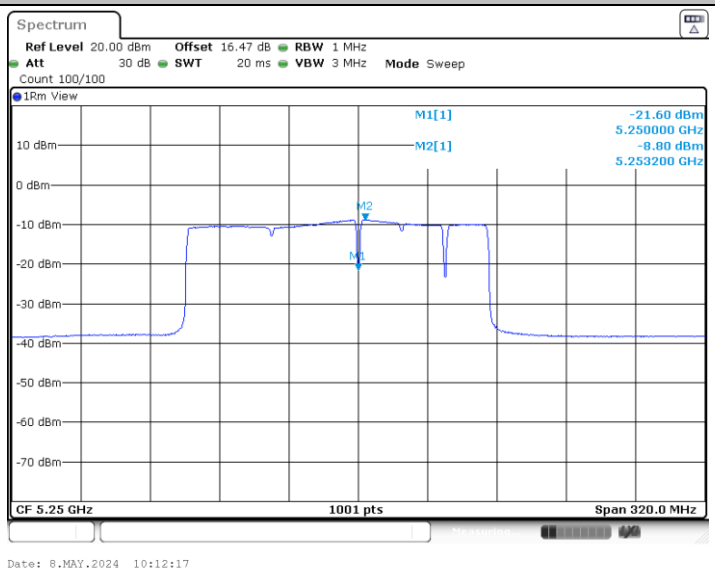
11BE160MIMO_Ant10_5250_UNII-1_Puncturing 40M_RU3


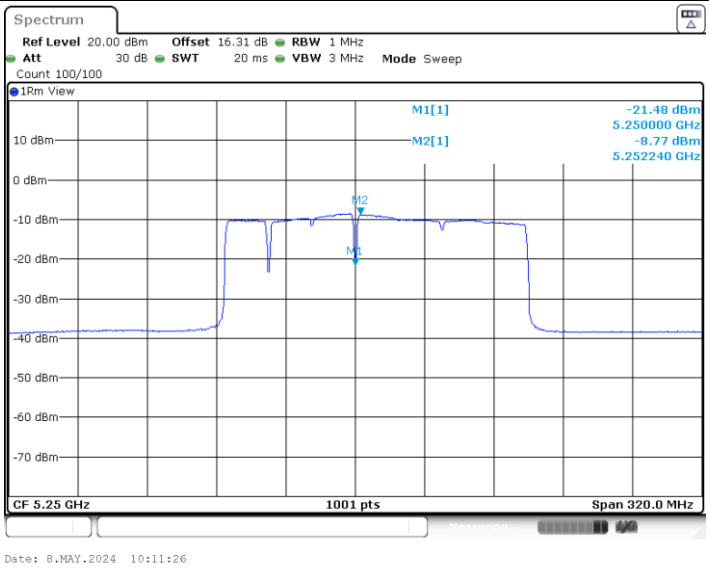
11BE160MIMO_Ant10_5250_UNII-1_Puncturing 20M_RU8


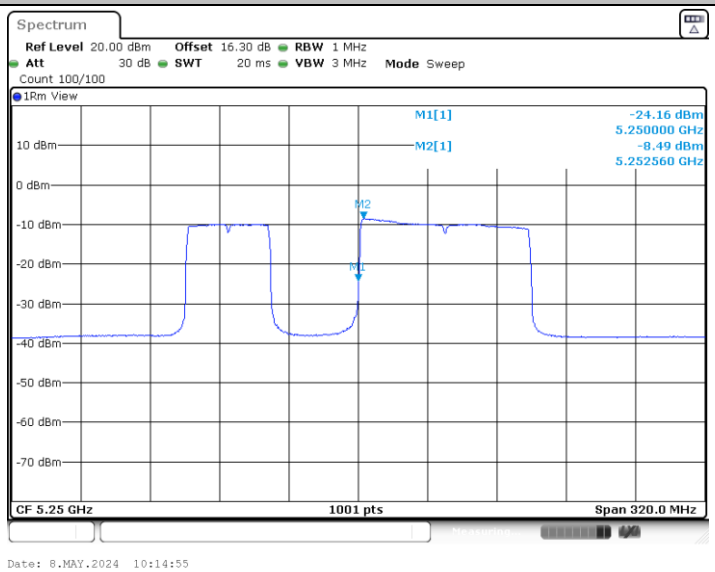
11BE160MIMO_Ant8_5250_UNII-2A_Puncturing 20M_RU1


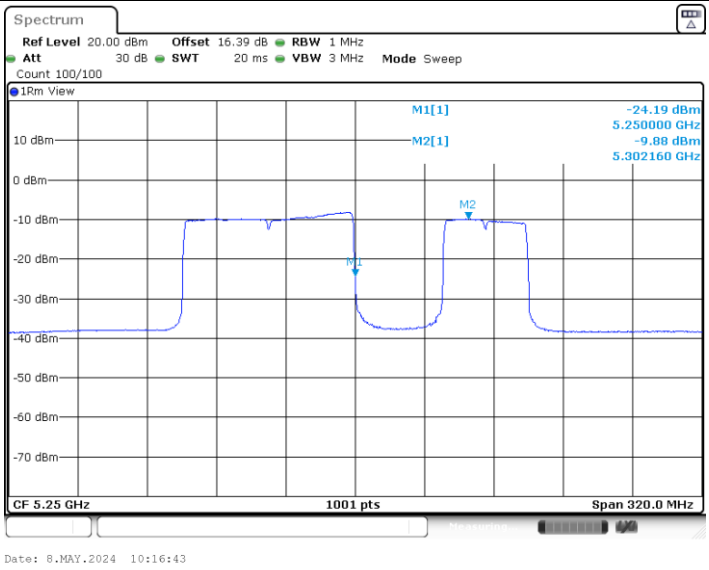
11BE160MIMO_Ant8_5250_UNII-2A_Puncturing 40M_RU2


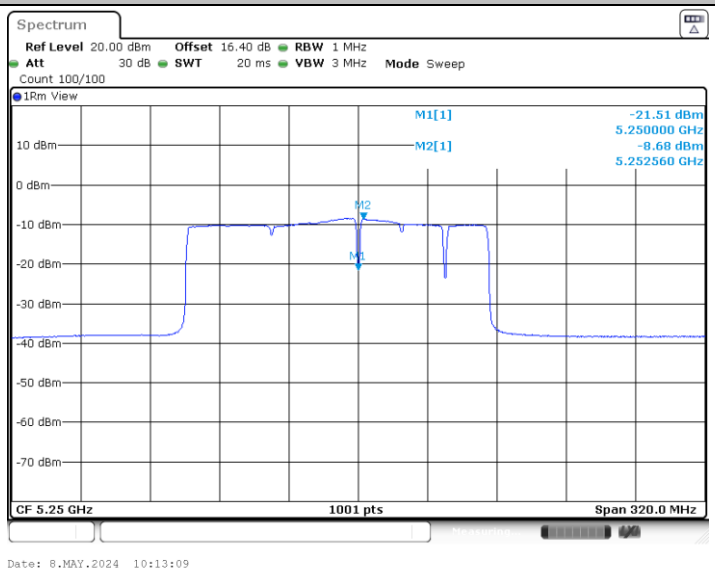
11BE160MIMO_Ant8_5250_UNII-2A_Puncturing 40M_RU3


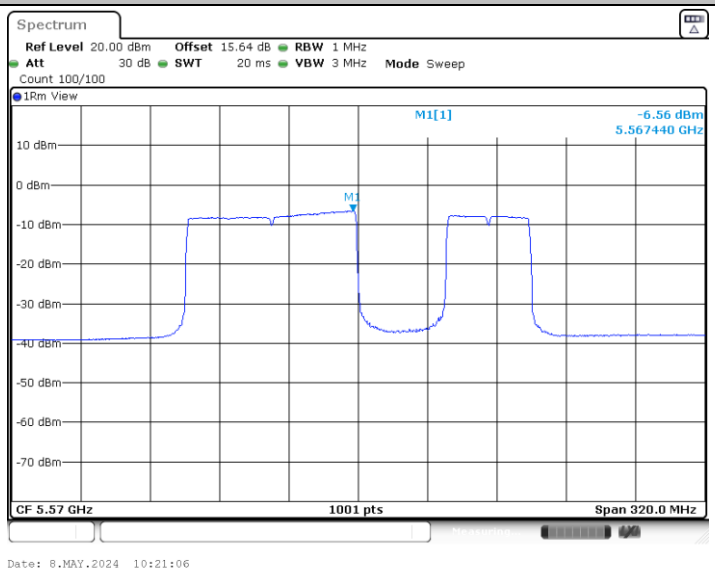
11BE160MIMO_Ant8_5250_UNII-2A_Puncturing 20M_RU8


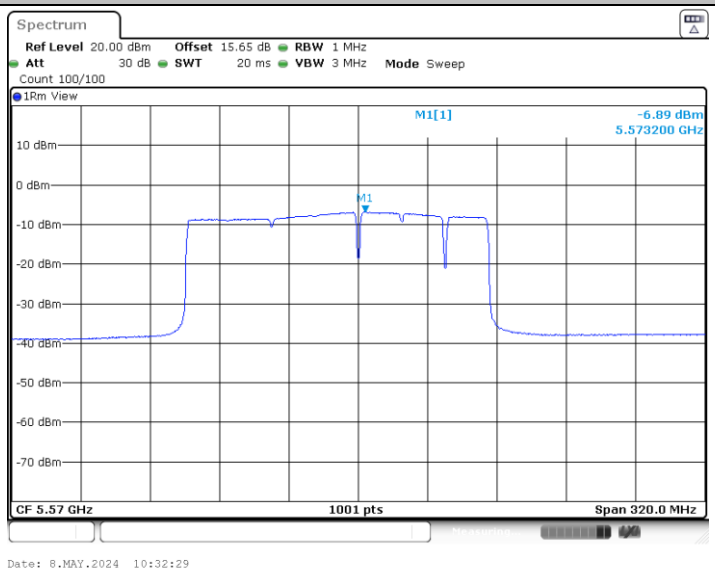
11BE160MIMO_Ant10_5250_UNII-2A_Puncturing 20M_RU1


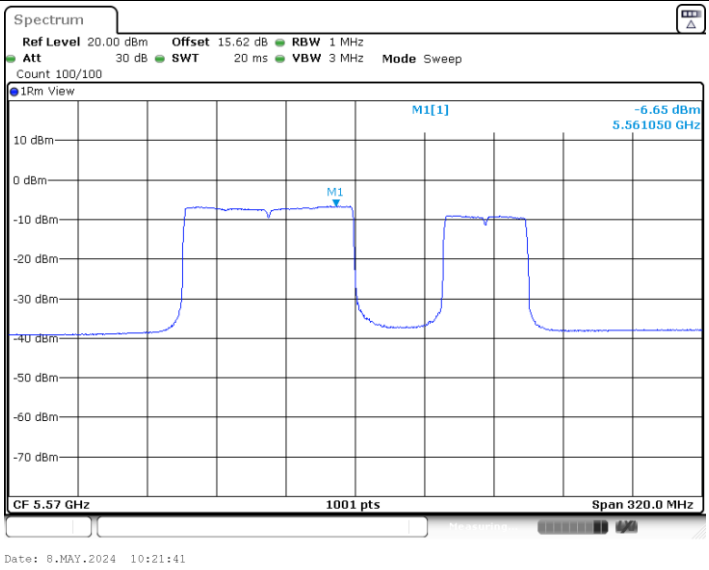
11BE160MIMO_Ant10_5250_UNII-2A_Puncturing 40M_RU2


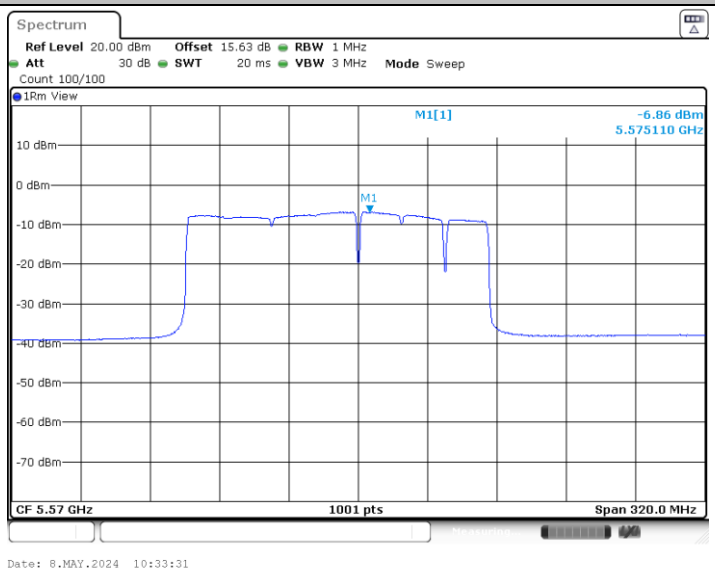
11BE160MIMO_Ant10_5250_UNII-2A_Puncturing 40M_RU3


11BE160MIMO_Ant10_5250_UNII-2A_Puncturing 20M_RU8


11BE160MIMO_Ant8_5570_Puncturing 40M_RU3


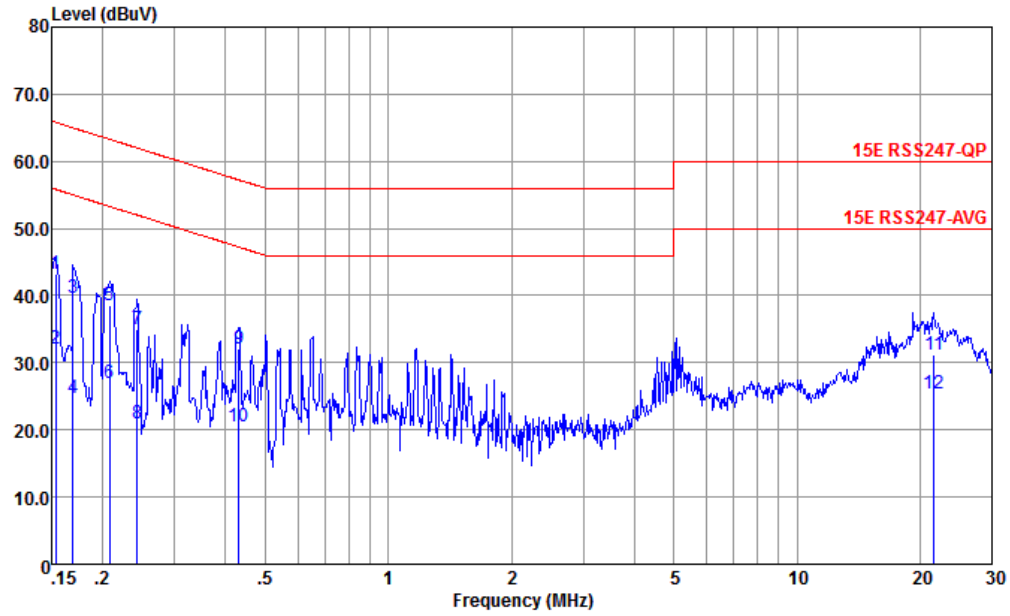
11BE160MIMO_Ant8_5570_Puncturing 20M_RU8


11BE160MIMO_Ant10_5570_Puncturing 40M_RU3


11BE160MIMO_Ant10_5570_Puncturing 20M_RU8


Appendix B. AC Conducted Emission Test Results

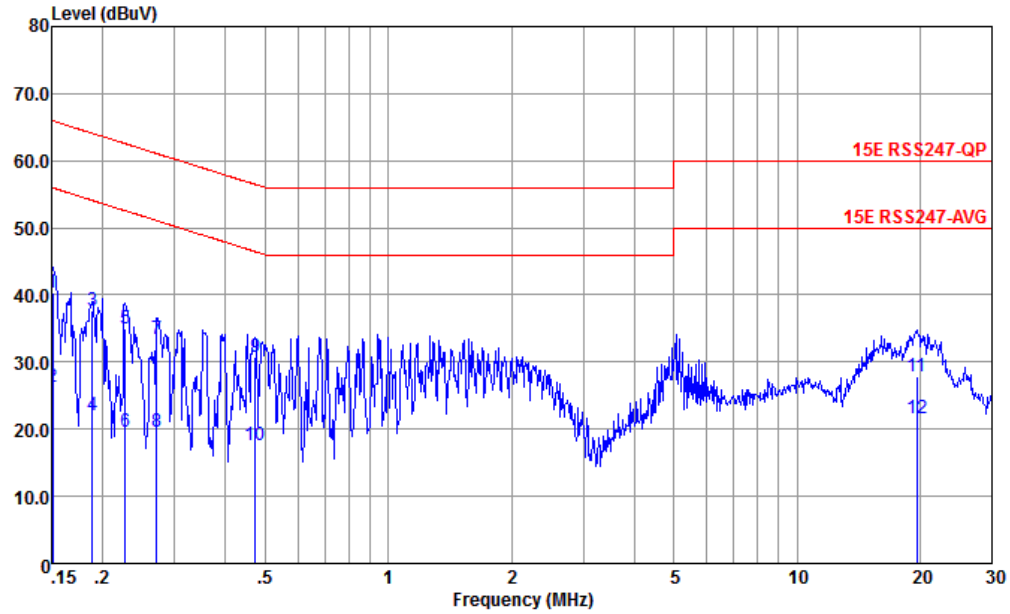
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060105-L 2023 LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.153	43.27	-22.55	65.82	32.80	0.05	10.42	QP
2		0.153	32.07	-23.75	55.82	21.60	0.05	10.42	Average
3		0.169	39.66	-25.33	64.99	29.20	0.04	10.42	QP
4		0.169	24.66	-30.33	54.99	14.20	0.04	10.42	Average
5		0.208	38.63	-24.64	63.27	28.20	0.03	10.40	QP
6		0.208	27.03	-26.24	53.27	16.60	0.03	10.40	Average
7		0.243	34.91	-27.09	62.00	24.51	0.03	10.37	QP
8		0.243	21.01	-30.99	52.00	10.61	0.03	10.37	Average
9		0.431	32.15	-25.09	57.24	21.90	-0.01	10.26	QP
10		0.431	20.45	-26.79	47.24	10.20	-0.01	10.26	Average
11		21.600	31.27	-28.73	60.00	20.20	-0.34	11.41	QP
12		21.600	25.37	-24.63	50.00	14.30	-0.34	11.41	Average

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060105-N 2023 NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.151	40.26	-25.70	65.96	29.80	0.04	10.42	QP
2		0.151	26.36	-29.60	55.96	15.90	0.04	10.42	Average
3		0.188	37.66	-26.45	64.11	27.20	0.05	10.41	QP
4		0.188	22.06	-32.05	54.11	11.60	0.05	10.41	Average
5		0.227	34.91	-27.66	62.57	24.50	0.02	10.39	QP
6		0.227	19.71	-32.86	52.57	9.30	0.02	10.39	Average
7		0.272	33.53	-27.54	61.07	23.20	-0.02	10.35	QP
8		0.272	19.63	-31.44	51.07	9.30	-0.02	10.35	Average
9		0.474	30.67	-25.78	56.45	20.51	-0.07	10.23	QP
10		0.474	17.67	-28.78	46.45	7.51	-0.07	10.23	Average
11		19.635	27.87	-32.13	60.00	16.80	-0.26	11.33	QP
12		19.635	21.70	-28.30	50.00	10.63	-0.26	11.33	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission Test Data

Test Engineer:	Carl Ni	Relative Humidity :	22 ~ 23℃
		Temperature :	41 ~ 42%

Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Ch.	Freq.	Data Rate	RU	Remark
Mode 1	U-NII-1	5.15-5.25	CDD 8+10	802.11a	36	5180	6Mbps	-	-
Mode 2	U-NII-1	5.15-5.25	CDD 8+10	802.11a	44	5220	6Mbps	-	-
Mode 3	U-NII-1	5.15-5.25	CDD 8+10	802.11a	48	5240	6Mbps	-	-
Mode 4	U-NII-2A	5.25-5.35	CDD 8+10	802.11a	52	5260	6Mbps	-	-
Mode 5	U-NII-2A	5.25-5.35	CDD 8+10	802.11a	60	5300	6Mbps	-	-
Mode 6	U-NII-2A	5.25-5.35	CDD 8+10	802.11a	64	5320	6Mbps	-	-
Mode 7	U-NII-2C	5.47-5.725	CDD 8+10	802.11a	100	5500	6Mbps	-	-
Mode 8	U-NII-2C	5.47-5.725	CDD 8+10	802.11a	116	5580	6Mbps	-	-
Mode 9	U-NII-2C	5.47-5.725	CDD 8+10	802.11a	140	5700	6Mbps	-	-
Mode 10	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT20	36	5180	MCS0	Full	-
Mode 11	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT20	44	5220	MCS0	Full	-
Mode 12	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT20	48	5240	MCS0	Full	-
Mode 13	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT20	52	5260	MCS0	Full	-
Mode 14	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT20	60	5300	MCS0	Full	-
Mode 15	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT20	64	5320	MCS0	Full	-
Mode 16	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT20	100	5500	MCS0	Full	-
Mode 17	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT20	116	5580	MCS0	Full	-
Mode 18	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT20	140	5700	MCS0	Full	-
Mode 19	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT40	38	5190	MCS0	Full	-
Mode 20	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT40	46	5230	MCS0	Full	-
Mode 21	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT40	54	5270	MCS0	Full	-
Mode 22	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT40	62	5310	MCS0	Full	-
Mode 23	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT40	102	5510	MCS0	Full	-
Mode 24	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT40	110	5550	MCS0	Full	-
Mode 25	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT40	134	5670	MCS0	Full	-
Mode 26	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT80	42	5210	MCS0	Full	-
Mode 27	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT80	58	5290	MCS0	Full	-
Mode 28	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT80	106	5530	MCS0	Full	-
Mode 29	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT80	122	5610	MCS0	Full	-
Mode 30	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Full	-
Mode 31	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT160	114	5570	MCS0	Full	-
Mode 32	U-NII-3	5.725-5.85	CDD 8+10	802.11a	149	5745	6Mbps	-	-
Mode 33	U-NII-3	5.725-5.85	CDD 8+10	802.11a	157	5785	6Mbps	-	-
Mode 34	U-NII-3	5.725-5.85	CDD 8+10	802.11a	165	5825	6Mbps	-	-
Mode 35	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	149	5745	MCS0	Full	-
Mode 36	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	157	5785	MCS0	Full	-
Mode 37	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	165	5825	MCS0	Full	-

Mode	Band	Band (GHz)	Antenna	Modulation	Ch.	Freq.	Data Rate	RU	Remark
Mode 38	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT40	151	5755	MCS0	Full	-
Mode 39	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT40	159	5795	MCS0	Full	-
Mode 40	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT80	155	5775	MCS0	Full	-
Mode 41	U-NII-2C	5.47-5.85	CDD 8+10	802.11a	144	5720	6Mbps	-	-
Mode 42	U-NII-2C	5.47-5.85	CDD 8+10	802.11be EHT20	144	5720	MCS0	Full	-
Mode 43	U-NII-2C	5.47-5.85	CDD 8+10	802.11be EHT40	142	5710	MCS0	Full	-
Mode 44	U-NII-2C	5.47-5.85	CDD 8+10	802.11be EHT80	138	5690	MCS0	Full	-
Mode 45	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT20	36	5180	MCS0	Single RU 26/0	-
Mode 46	U-NII-2A	5.15-5.25	CDD 8+10	802.11be EHT20	64	5320	MCS0	Single RU 52/40	-
Mode 47	U-NII-2C	5.25-5.35	CDD 8+10	802.11be EHT20	100	5500	MCS0	Single RU 106/53	-
Mode 48	U-NII-2C	5.25-5.35	CDD 8+10	802.11be EHT20	140	5700	MCS0	Single RU 106/54	-
Mode 49	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	149	5745	MCS0	Single RU 106/53	-
Mode 50	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	165	5825	MCS0	Single RU 106/54	-
Mode 51	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT20	36	5180	MCS0	Small RU 53+4	-
Mode 52	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT20	64	5320	MCS0	Small RU 54+4	-
Mode 53	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT20	100	5500	MCS0	Small RU 53+4	-
Mode 54	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT20	140	5700	MCS0	Small RU 54+4	-
Mode 55	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	149	5745	MCS0	Small RU 53+4	-
Mode 56	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT20	165	5825	MCS0	Small RU 54+4	-
Mode 57	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT80	42	5210	MCS0	Puncturing 20M ③	-
Mode 58	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT80	58	5290	MCS0	Puncturing 20M ②	-
Mode 59	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT80	106	5530	MCS0	Puncturing 20M ③	-
Mode 60	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Puncturing 40M ②	-
Mode 61	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Puncturing 40M ③	-
Mode 62	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT160	114	5570	MCS0	Puncturing 40M ③	-
Mode 63	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Puncturing 20M ①	-
Mode 64	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Puncturing 20M ⑧	-
Mode 65	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT160	114	5570	MCS0	Puncturing 20M ⑧	-
Mode 66	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT80	155	5775	MCS0	Puncturing 20M ③	-
Mode 67	U-NII-1	5.15-5.25	CDD 8+10	802.11be EHT80	42	5210	MCS0	Large RU	-

Mode	Band	Band (GHz)	Antenna	Modulation	Ch.	Freq.	Data Rate	RU	Remark
								484+242 ④	
Mode 68	U-NII-2A	5.25-5.35	CDD 8+10	802.11be EHT80	58	5290	MCS0	Large RU 484+242 ②	-
Mode 69	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT80	106	5530	MCS0	Large RU 484+242 ④	-
Mode 70	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Large RU 996+484 ③	-
Mode 71	U-NII-1	5.15-5.35	CDD 8+10	802.11be EHT160	50	5250	MCS0	Large RU 996*2 ⑨	-
Mode 72	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT160	114	5570	MCS0	Large RU 996+484 ③	-
Mode 73	U-NII-2C	5.47-5.725	CDD 8+10	802.11be EHT160	114	5570	MCS0	Large RU 996*2 ⑨	-
Mode 74	U-NII-3	5.725-5.85	CDD 8+10	802.11be EHT80	155	5775	MCS0	Large RU 484+242 ④	-

Co-location

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 75	2400-2483.5	2400-2483.5	10	Bluetooth-LE	38	2478	2Mbps	-	-
	U-NII-1	5.15-5.25	CDD 8+10	802.11ax HE80	42	5210	MCS0	Full	-
	5GNR Part 96 n48 Link								
Mode 76	2400-2483.5	2400-2483.5	CDD 9+10	802.11ax HE20	11	2462	MCS0	-	-
	U-NII-1	5.15-5.25	CDD 8+10	802.11ax HE80	42	5210	MCS0	Full	-
	5GNR Part 96 n48 Link								

Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	802.11a	36	5149.65	48.77	54.00	-5.23	H	AVERAGE	Pass	Band Edge
1	802.11a	36	15540.00	45.99	54.00	-8.01	V	AVERAGE	Pass	Harmonic
2	802.11a	44	-	-	-	-	-	-	-	Band Edge
2	802.11a	44	15660.00	47.08	54.00	-6.92	V	AVERAGE	Pass	Harmonic
3	802.11a	48	-	-	-	-	-	-	-	Band Edge
3	802.11a	48	15720.00	47.79	54.00	-6.21	V	AVERAGE	Pass	Harmonic
4	802.11a	52	-	-	-	-	-	-	-	Band Edge
4	802.11a	52	15780.00	48.44	54.00	-5.56	V	AVERAGE	Pass	Harmonic
5	802.11a	60	-	-	-	-	-	-	-	Band Edge
5	802.11a	60	15900.00	45.78	54.00	-8.22	V	AVERAGE	Pass	Harmonic
6	802.11a	64	5350.00	47.94	54.00	-6.06	H	AVERAGE	Pass	Band Edge
6	802.11a	64	15960.00	43.51	54.00	-10.49	V	AVERAGE	Pass	Harmonic
7	802.11a	100	5470.00	61.47	68.20	-6.73	H	PEAK	Pass	Band Edge
7	802.11a	100	16500.00	54.49	68.20	-13.71	V	PEAK	Pass	Harmonic
8	802.11a	116	-	-	-	-	-	-	-	Band Edge
8	802.11a	116	11160.00	46.56	74.00	-27.44	H	PEAK	Pass	Harmonic
9	802.11a	140	5727.68	63.47	68.20	-4.73	V	PEAK	Pass	Band Edge
9	802.11a	140	11400.00	46.83	74.00	-27.17	V	PEAK	Pass	Harmonic
10	802.11be EHT20	36	5149.99	48.25	54.00	-5.75	V	AVERAGE	Pass	Band Edge
10	802.11be EHT20	36	15540.00	47.40	54.00	-6.60	V	AVERAGE	Pass	Harmonic
11	802.11be EHT20	44	-	-	-	-	-	-	-	Band Edge
11	802.11be EHT20	44	15660.00	47.89	54.00	-6.11	V	AVERAGE	Pass	Harmonic
12	802.11be EHT20	48	-	-	-	-	-	-	-	Band Edge
12	802.11be EHT20	48	15720.00	49.15	54.00	-4.85	V	AVERAGE	Pass	Harmonic
13	802.11be EHT20	52	-	-	-	-	-	-	-	Band Edge
13	802.11be EHT20	52	15780.00	46.71	54.00	-7.29	V	AVERAGE	Pass	Harmonic
14	802.11be EHT20	60	-	-	-	-	-	-	-	Band Edge
14	802.11be EHT20	60	15900.00	45.47	54.00	-8.53	V	AVERAGE	Pass	Harmonic
15	802.11be EHT20	64	5352.65	50.42	54.00	-3.58	V	AVERAGE	Pass	Band Edge
15	802.11be EHT20	64	15960.00	44.98	54.00	-9.02	V	AVERAGE	Pass	Harmonic
16	802.11be EHT20	100	5458.89	50.35	54.00	-3.65	H	AVERAGE	Pass	Band Edge
16	802.11be EHT20	100	16500.00	55.25	68.20	-12.95	V	PEAK	Pass	Harmonic
17	802.11be EHT20	116	-	-	-	-	-	-	-	Band Edge
17	802.11be EHT20	116	16740.00	49.35	68.20	-18.85	H	PEAK	Pass	Harmonic
18	802.11be EHT20	140	5725.44	64.74	68.20	-3.46	V	PEAK	Pass	Band Edge
18	802.11be EHT20	140	17100.00	49.09	68.20	-19.11	V	PEAK	Pass	Harmonic
19	802.11be EHT40	38	5149.95	50.17	54.00	-3.83	H	AVERAGE	Pass	Band Edge
19	802.11be EHT40	38	15570.00	41.93	54.00	-12.07	V	AVERAGE	Pass	Harmonic
20	802.11be EHT40	46	-	-	-	-	-	-	-	Band Edge
20	802.11be EHT40	46	15690.00	42.89	54.00	-11.11	V	AVERAGE	Pass	Harmonic
21	802.11be EHT40	54	-	-	-	-	-	-	-	Band Edge
21	802.11be EHT40	54	10540.00	46.47	68.20	-21.73	V	PEAK	Pass	Harmonic
22	802.11be EHT40	62	5350.05	49.69	54.00	-4.31	H	AVERAGE	Pass	Band Edge
22	802.11be EHT40	62	15930.00	47.72	74.00	-26.28	H	PEAK	Pass	Harmonic

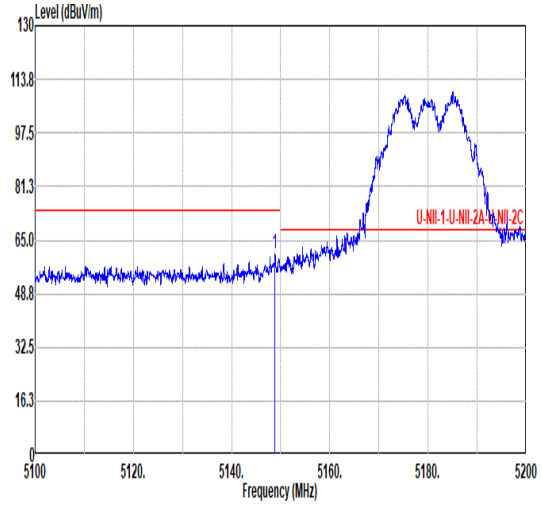
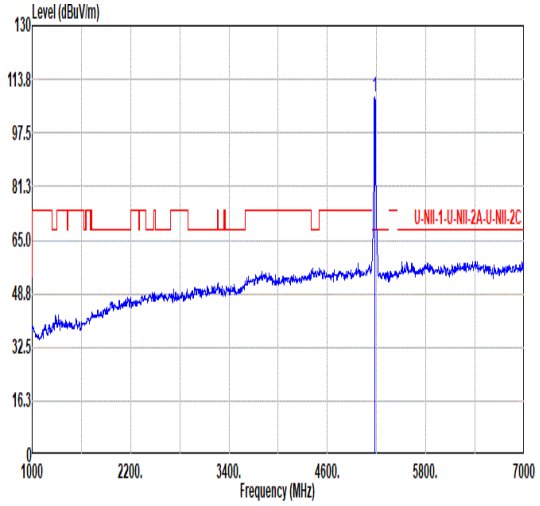
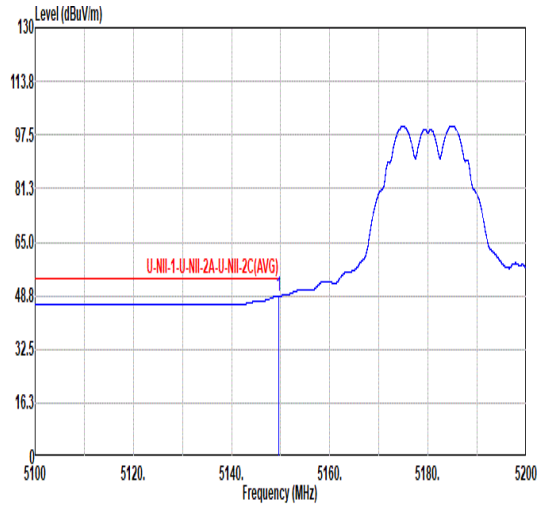
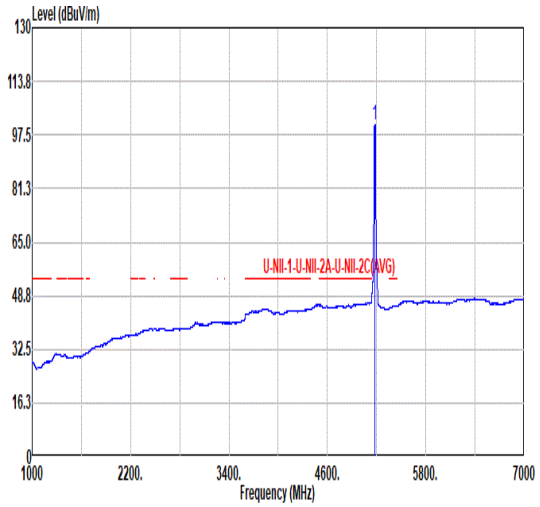
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
23	802.11be EHT40	102	5448.78	49.71	54.00	-4.29	H	AVERAGE	Pass	Band Edge
23	802.11be EHT40	102	16530.00	49.12	68.20	-19.08	H	PEAK	Pass	Harmonic
24	802.11be EHT40	110	-	-	-	-	-	-	-	Band Edge
24	802.11be EHT40	110	16650.00	48.80	68.20	-19.40	H	PEAK	Pass	Harmonic
25	802.11be EHT40	134	5459.68	45.63	54.00	-8.37	H	AVERAGE	Pass	Band Edge
25	802.11be EHT40	134	17010.00	49.35	68.20	-18.85	H	PEAK	Pass	Harmonic
26	802.11be EHT80	42	5149.85	50.90	54.00	-3.10	H	AVERAGE	Pass	Band Edge
26	802.11be EHT80	42	10420.00	45.75	68.20	-22.45	V	PEAK	Pass	Harmonic
27	802.11be EHT80	58	5389.31	47.93	54.00	-6.07	H	AVERAGE	Pass	Band Edge
27	802.11be EHT80	58	10580.00	46.39	68.20	-21.81	H	PEAK	Pass	Harmonic
28	802.11be EHT80	106	5448.48	49.62	54.00	-4.38	H	AVERAGE	Pass	Band Edge
28	802.11be EHT80	106	16590.00	47.76	68.20	-20.44	H	PEAK	Pass	Harmonic
29	802.11be EHT80	122	5459.98	46.23	54.00	-7.77	V	AVERAGE	Pass	Band Edge
29	802.11be EHT80	122	16830.00	47.70	68.20	-20.50	H	PEAK	Pass	Harmonic
30	802.11be EHT160	50	5408.44	47.67	54.00	-6.33	H	AVERAGE	Pass	Band Edge
30	802.11be EHT160	50	10500.00	46.48	68.20	-21.72	H	PEAK	Pass	Harmonic
31	802.11be EHT160	114	5443.84	47.76	54.00	-6.24	H	AVERAGE	Pass	Band Edge
31	802.11be EHT160	114	16710.00	48.51	68.20	-19.69	H	PEAK	Pass	Harmonic
32	802.11a	149	5648.00	55.51	68.20	-12.69	H	PEAK	Pass	Band Edge
32	802.11a	149	11490.00	47.63	74.00	-26.37	H	PEAK	Pass	Harmonic
33	802.11a	157	-	-	-	-	-	-	-	Band Edge
33	802.11a	157	11570.00	46.97	74.00	-27.03	H	PEAK	Pass	Harmonic
34	802.11a	165	5927.63	55.85	68.20	-12.35	H	PEAK	Pass	Band Edge
34	802.11a	165	11650.00	47.51	74.00	-26.49	V	PEAK	Pass	Harmonic
35	802.11be EHT20	149	5640.60	55.45	68.20	-12.75	H	PEAK	Pass	Band Edge
35	802.11be EHT20	149	17235.00	49.71	68.20	-18.49	H	PEAK	Pass	Harmonic
36	802.11be EHT20	157	-	-	-	-	-	-	-	Band Edge
36	802.11be EHT20	157	11570.00	46.96	74.00	-27.04	H	PEAK	Pass	Harmonic
37	802.11be EHT20	165	5950.00	56.35	68.20	-11.85	V	PEAK	Pass	Band Edge
37	802.11be EHT20	165	11650.00	47.08	74.00	-26.92	H	PEAK	Pass	Harmonic
38	802.11be EHT40	151	5640.77	59.14	68.20	-9.06	V	PEAK	Pass	Band Edge
38	802.11be EHT40	151	11510.00	47.43	74.00	-26.57	V	PEAK	Pass	Harmonic
39	802.11be EHT40	159	5646.80	58.45	68.20	-9.75	V	PEAK	Pass	Band Edge
39	802.11be EHT40	159	11590.00	46.51	74.00	-27.49	H	PEAK	Pass	Harmonic
40	802.11be EHT80	155	5624.80	58.85	68.20	-9.35	V	PEAK	Pass	Band Edge
40	802.11be EHT80	155	11550.00	46.13	74.00	-27.87	H	PEAK	Pass	Harmonic
41	802.11a	144	-	-	-	-	-	-	-	Band Edge
41	802.11a	144	11440.00	47.48	74.00	-26.52	H	PEAK	Pass	Harmonic
42	802.11be EHT20	144	-	-	-	-	-	-	-	Band Edge
42	802.11be EHT20	144	17160.33	54.98	68.20	-13.22	V	Peak	Pass	Harmonic
43	802.11be EHT40	142	-	-	-	-	-	-	-	Band Edge
43	802.11be EHT40	142	11420.00	46.41	74.00	-27.59	V	PEAK	Pass	Harmonic
44	802.11be EHT80	138	-	-	-	-	-	-	-	Band Edge
44	802.11be EHT80	138	11380.00	46.28	74.00	-27.72	H	PEAK	Pass	Harmonic
45	802.11be EHT20	36	5100.00	47.11	54.00	-6.89	V	AVERAGE	Pass	Band Edge

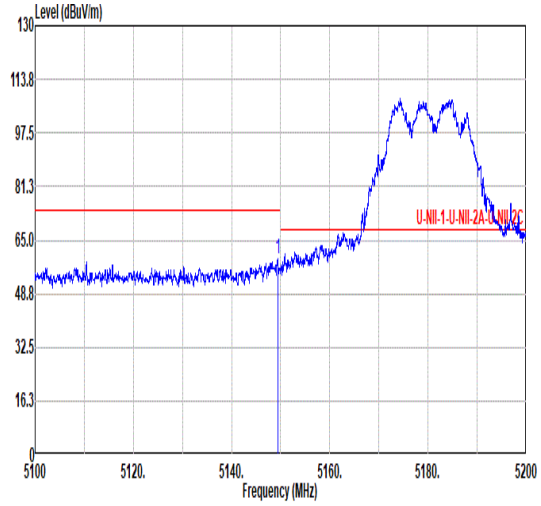
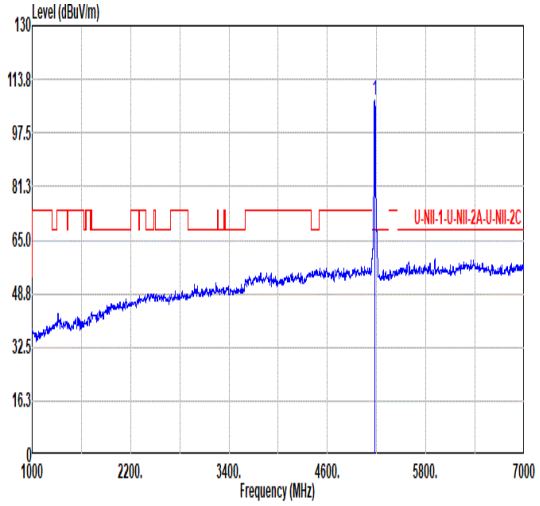
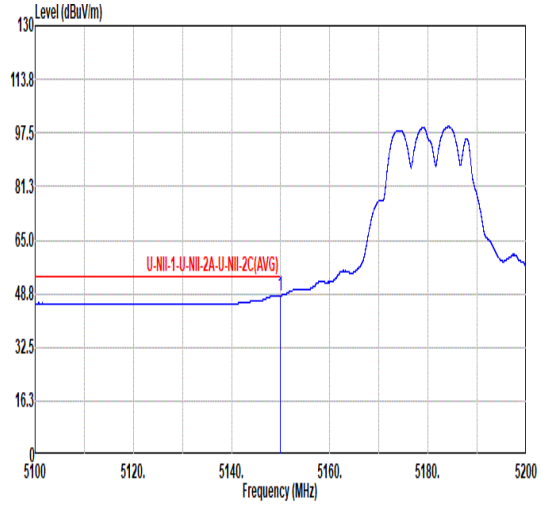
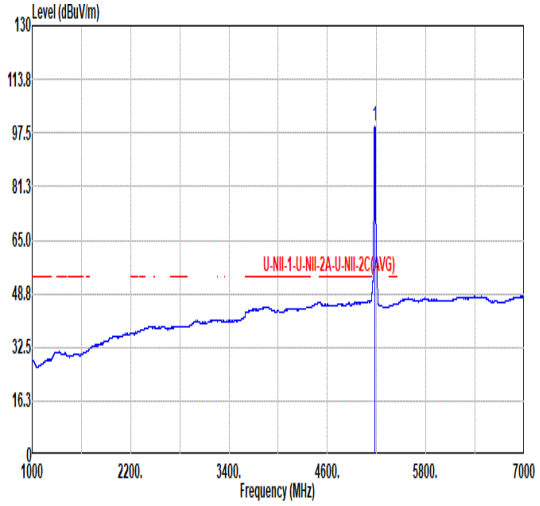
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
45	802.11be EHT20	36	-	-	-	-	-	-	-	Harmonic
46	802.11be EHT20	64	5393.65	46.40	54.00	-7.60	H	AVERAGE	Pass	Band Edge
46	802.11be EHT20	64	-	-	-	-	-	-	-	Harmonic
47	802.11be EHT20	100	5444.17	46.89	54.00	-7.11	H	AVERAGE	Pass	Band Edge
47	802.11be EHT20	100	-	-	-	-	-	-	-	Harmonic
48	802.11be EHT20	140	5726.24	61.82	68.20	-6.38	V	PEAK	Pass	Band Edge
48	802.11be EHT20	140	-	-	-	-	-	-	-	Harmonic
49	802.11be EHT20	149	5641.62	55.22	68.20	-12.98	H	PEAK	Pass	Band Edge
49	802.11be EHT20	149	-	-	-	-	-	-	-	Harmonic
50	802.11be EHT20	165	5934.00	56.31	68.20	-11.89	H	PEAK	Pass	Band Edge
50	802.11be EHT20	165	-	-	-	-	-	-	-	Harmonic
51	802.11be EHT20	36	5619.43	55.40	68.20	-12.80	H	PEAK	Pass	Band Edge
51	802.11be EHT20	36	-	-	-	-	-	-	-	Harmonic
52	802.11be EHT20	64	5937.25	56.58	68.20	-11.62	V	PEAK	Pass	Band Edge
52	802.11be EHT20	64	-	-	-	-	-	-	-	Harmonic
53	802.11be EHT20	100	5454.89	46.76	54.00	-7.24	H	AVERAGE	Pass	Band Edge
53	802.11be EHT20	100	-	-	-	-	-	-	-	Harmonic
54	802.11be EHT20	140	5725.52	57.73	68.20	-10.47	V	PEAK	Pass	Band Edge
54	802.11be EHT20	140	-	-	-	-	-	-	-	Harmonic
55	802.11be EHT20	149	5600.00	57.79	68.20	-10.41	H	PEAK	Pass	Band Edge
55	802.11be EHT20	149	-	-	-	-	-	-	-	Harmonic
56	802.11be EHT20	165	5949.20	57.08	68.20	-11.12	H	PEAK	Pass	Band Edge
56	802.11be EHT20	165	-	-	-	-	-	-	-	Harmonic
57	802.11be EHT80	42	5149.37	50.41	54.00	-3.59	H	AVERAGE	Pass	Band Edge
57	802.11be EHT80	42	-	-	-	-	-	-	-	Harmonic
58	802.11be EHT80	58	5389.41	46.87	54.00	-7.13	H	AVERAGE	Pass	Band Edge
58	802.11be EHT80	58	-	-	-	-	-	-	-	Harmonic
59	802.11be EHT80	106	5430.00	48.90	54.00	-5.10	H	AVERAGE	Pass	Band Edge
59	802.11be EHT80	106	-	-	-	-	-	-	-	Harmonic
60	802.11be EHT160	50	5145.60	48.53	54.00	-5.47	H	AVERAGE	Pass	Band Edge
60	802.11be EHT160	50	-	-	-	-	-	-	-	Harmonic
61	802.11be EHT160	50	5136.58	46.57	54.00	-7.43	H	AVERAGE	Pass	Band Edge
61	802.11be EHT160	50	-	-	-	-	-	-	-	Harmonic
62	802.11be EHT160	114	5461.88	63.25	68.20	-4.95	V	PEAK	Pass	Band Edge
62	802.11be EHT160	114	-	-	-	-	-	-	-	Harmonic
63	802.11be EHT160	50	5350.00	50.85	54.00	-3.15	H	AVERAGE	Pass	Band Edge
63	802.11be EHT160	50	-	-	-	-	-	-	-	Harmonic
64	802.11be EHT160	50	5133.50	46.24	54.00	-7.76	H	AVERAGE	Pass	Band Edge
64	802.11be EHT160	50	-	-	-	-	-	-	-	Harmonic
65	802.11be EHT160	114	5462.76	63.95	68.20	-4.25	H	PEAK	Pass	Band Edge
65	802.11be EHT160	114	-	-	-	-	-	-	-	Harmonic
66	802.11be EHT80	155	5622.00	59.06	68.20	-9.14	V	PEAK	Pass	Band Edge
66	802.11be EHT80	155	-	-	-	-	-	-	-	Harmonic
67	802.11be EHT80	42	5149.53	50.11	54.00	-3.89	H	AVERAGE	Pass	Band Edge
67	802.11be EHT80	42	-	-	-	-	-	-	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
68	802.11be EHT80	58	5353.95	47.03	54.00	-6.97	H	AVERAGE	Pass	Band Edge
68	802.11be EHT80	58	-	-	-	-	-	-	-	Harmonic
69	802.11be EHT80	106	5451.05	49.01	54.00	-4.99	H	AVERAGE	Pass	Band Edge
69	802.11be EHT80	106	-	-	-	-	-	-	-	Harmonic
70	802.11be EHT160	50	5392.07	49.68	54.00	-4.32	H	AVERAGE	Pass	Band Edge
70	802.11be EHT160	50	-	-	-	-	-	-	-	Harmonic
71	802.11be EHT160	50	5405.62	46.83	54.00	-7.17	H	AVERAGE	Pass	Band Edge
71	802.11be EHT160	50	-	-	-	-	-	-	-	Harmonic
72	802.11be EHT160	114	5466.72	63.82	68.20	-4.38	H	PEAK	Pass	Band Edge
72	802.11be EHT160	114	-	-	-	-	-	-	-	Harmonic
73	802.11be EHT160	114	5444.03	48.52	54.00	-5.48	H	AVERAGE	Pass	Band Edge
73	802.11be EHT160	114	-	-	-	-	-	-	-	Harmonic
74	802.11be EHT80	155	5937.60	58.43	68.20	-9.77	V	PEAK	Pass	Band Edge
74	802.11be EHT80	155	-	-	-	-	-	-	-	Harmonic

Co-location

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
75	Bluetooth-LE	38	2485.60	45.37	54.00	-8.63	H	AVERAGE	Pass	Band Edge
	Bluetooth-LE	38	7434.00	43.16	74.00	-30.84	V	PEAK	Pass	Harmonic
	802.11ax HE80	42	5147.74	50.09	54.00	-3.91	H	AVERAGE	Pass	Band Edge
	802.11ax HE80	42	10420.27	45.04	68.20	-23.16	H	Peak	Pass	Harmonic
76	802.11ax HE20	11	2483.50	49.67	54.00	-4.33	H	AVERAGE	Pass	Band Edge
	802.11ax HE20	11	7386.00	42.94	74.00	-31.06	H	PEAK	Pass	Harmonic
	802.11ax HE80	42	5148.41	50.62	54.00	-3.38	H	AVERAGE	Pass	Band Edge
	802.11ax HE80	42	10420.00	44.61	68.20	-23.59	V	PEAK	Pass	Harmonic

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	CDD 8+10	
Pol.	Horizontal	Fundamental
Peak	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5148.85 61.05 74.00 -12.95 44.46 34.20 12.45 30.06 0.00 100 123 PEAK	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 108.50 ------ ------ 91.86 34.15 12.51 30.02 0.00 100 123 PEAK
Avg	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5149.65 48.77 54.00 -5.23 32.18 34.20 12.45 30.06 0.00 100 123 AVERAGE	 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5180.00 100.68 ------ ------ 84.02 34.13 12.53 30.00 0.00 100 123 AVERAGE

Mode	1	
	Band Edge	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	CDD 8+10	
Pol.	Vertical	Fundamental
Peak		
Avg		

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.45	59.59	74.00	-14.41	43.00	34.20	12.45	30.06	0.00	336	56	PEAK

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	107.51	------	------	90.86	34.14	12.52	30.01	0.00	336	56	PEAK

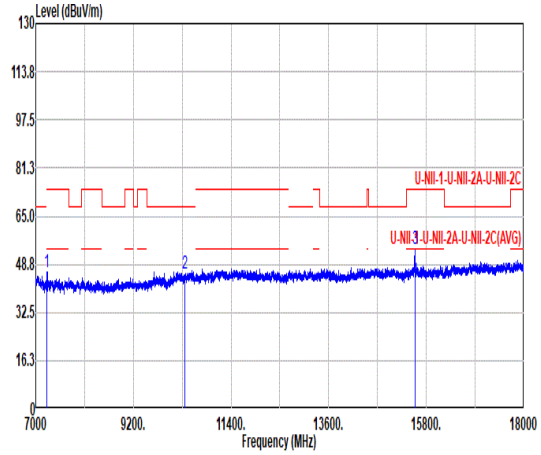
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5149.93	48.21	54.00	-5.79	31.61	34.20	12.45	30.05	0.00	336	56	AVERAGE

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5180.00	99.70	------	------	83.05	34.14	12.52	30.01	0.00	336	56	AVERAGE

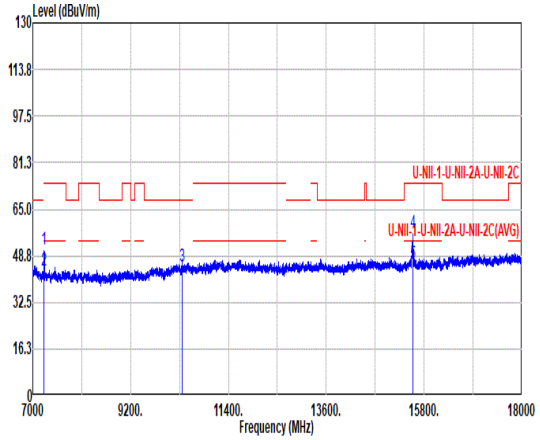
Mode	1	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH36_5180MHz	
ANT	CDD 8+10	
Pol.	Horizontal	Vertical

Peak

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7246.40	46.17	68.20	-22.03	60.25	35.80	14.76	64.64	0.00	--	--	Peak
2	10360.00	45.79	68.20	-22.41	55.32	37.62	18.04	65.19	0.00	--	--	PEAK
3	15540.00	54.00	74.00	-20.00	55.66	40.24	22.32	64.22	0.00	100	120	PEAK
4	15540.00	43.29	54.00	-10.71	44.97	40.24	22.31	64.23	0.00	100	120	AVERAGE



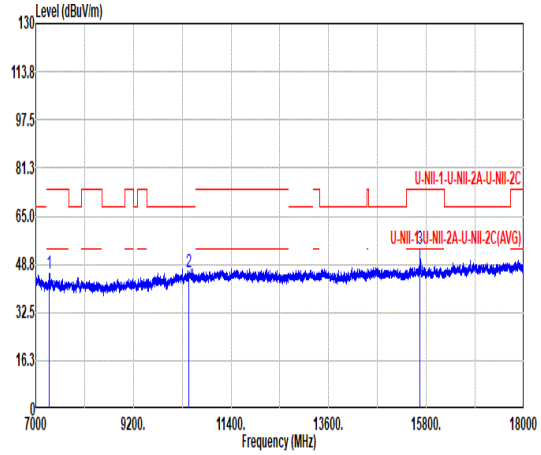
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7250.07	51.03	74.00	-22.97	65.12	35.80	14.77	64.66	0.00	300	94	Peak
2	7250.07	43.57	54.00	-10.43	57.66	35.80	14.77	64.66	0.00	300	94	Average
3	10360.00	45.04	68.20	-23.16	54.57	37.62	18.04	65.19	0.00	--	--	PEAK
4	15540.00	57.01	74.00	-16.99	58.67	40.24	22.32	64.22	0.00	100	265	PEAK
5	15540.00	45.99	54.00	-8.01	47.64	40.24	22.33	64.22	0.00	100	265	AVERAGE

Mode	2
	Harmonic
	U-NII-1_5.15-5.25_802.11a_CH44_5220MHz
ANT	CDD 8+10

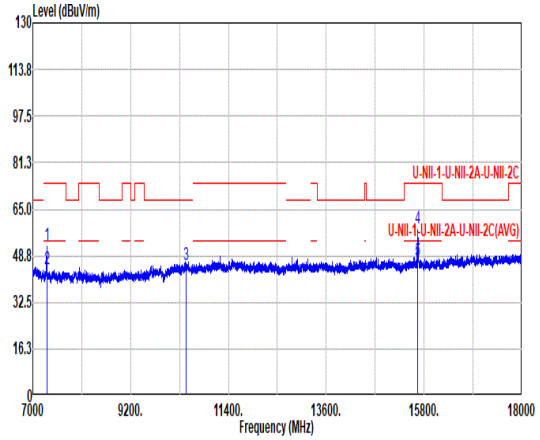
Pol.	Horizontal	Vertical

Peak

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7308.73	45.85	74.00	-28.15	59.93	35.80	14.94	64.82	0.00	--	--	Peak
2	10440.00	46.14	68.20	-22.06	55.23	37.70	18.31	65.10	0.00	--	--	PEAK
3	15660.00	53.74	74.00	-20.26	55.66	40.36	22.03	64.31	0.00	100	119	PEAK
4	15660.00	43.45	54.00	-10.55	45.37	40.36	22.03	64.31	0.00	100	119	AVERAGE

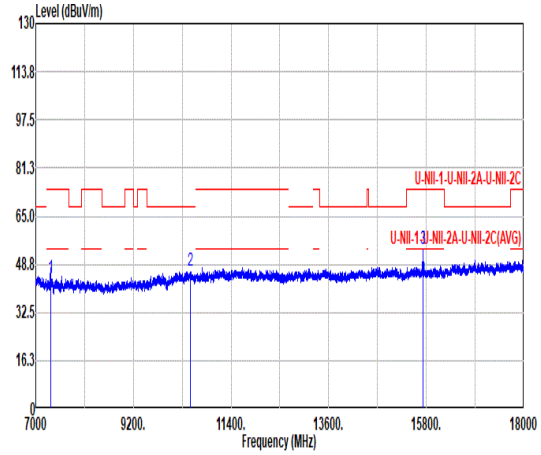


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7314.60	52.73	74.00	-21.27	66.81	35.80	14.96	64.84	0.00	287	99	Peak
2	7314.60	44.29	54.00	-9.71	58.37	35.80	14.96	64.84	0.00	287	99	Average
3	10440.00	45.81	68.20	-22.39	54.90	37.70	18.31	65.10	0.00	--	--	PEAK
4	15660.00	58.25	74.00	-15.75	60.17	40.36	22.03	64.31	0.00	100	267	PEAK
5	15660.00	47.08	54.00	-6.92	49.00	40.36	22.03	64.31	0.00	100	267	AVERAGE

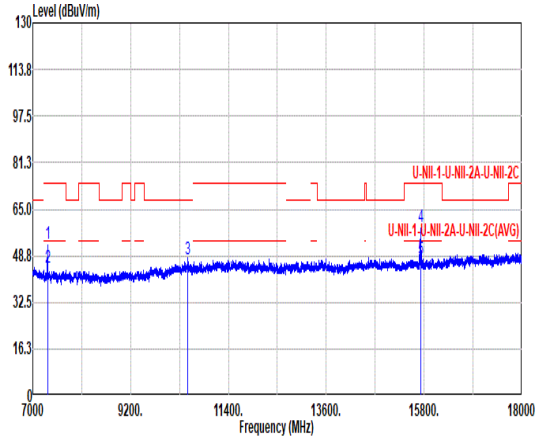
Mode	3	
	Harmonic	
	U-NII-1_5.15-5.25_802.11a_CH48_5240MHz	
ANT	CDD 8+10	
Pol.	Horizontal	Vertical

Peak

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7336.00	44.27	74.00	-29.73	58.34	35.80	15.03	64.90	0.00	--	--	PEAK
2	10480.00	46.72	68.20	-21.48	55.84	37.70	18.24	65.06	0.00	--	--	PEAK
3	15720.00	54.15	74.00	-19.85	55.96	40.42	22.13	64.36	0.00	100	133	PEAK
4	15720.00	43.30	54.00	-10.70	45.10	40.42	22.13	64.35	0.00	100	133	AVERAGE



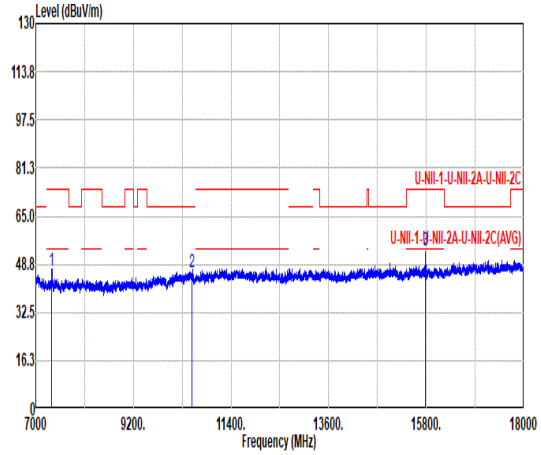
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7336.00	52.78	74.00	-21.22	66.85	35.80	15.03	64.90	0.00	295	99	PEAK
2	7336.00	44.45	54.00	-9.55	58.52	35.80	15.03	64.90	0.00	295	99	AVERAGE
3	10480.00	47.35	68.20	-20.85	56.47	37.70	18.24	65.06	0.00	--	--	PEAK
4	15720.00	58.95	74.00	-15.05	60.76	40.42	22.13	64.36	0.00	100	235	PEAK
5	15720.00	47.79	54.00	-6.21	49.59	40.42	22.13	64.35	0.00	100	235	AVERAGE

Mode	4
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH52_5260MHz
ANT	CDD 8+10

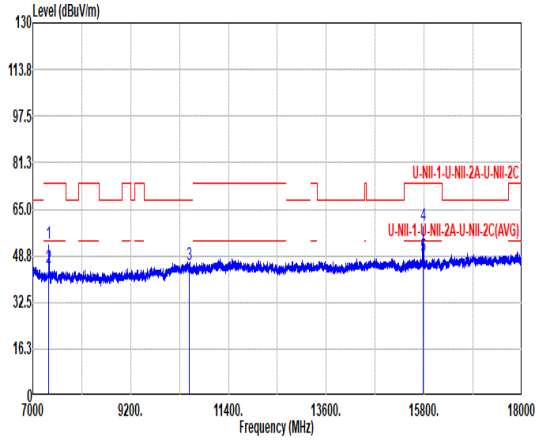
Pol.	Horizontal	Vertical

Peak

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7364.00	46.61	74.00	-27.39	60.79	35.80	15.00	64.98	0.00	--	--	PEAK
2	10520.00	46.15	68.20	-22.05	55.32	37.70	18.14	65.01	0.00	--	--	PEAK
3	15780.00	53.36	74.00	-20.64	55.00	40.48	22.28	64.40	0.00	100	131	PEAK
4	15780.00	41.79	54.00	-12.21	43.44	40.48	22.27	64.40	0.00	100	131	AVERAGE

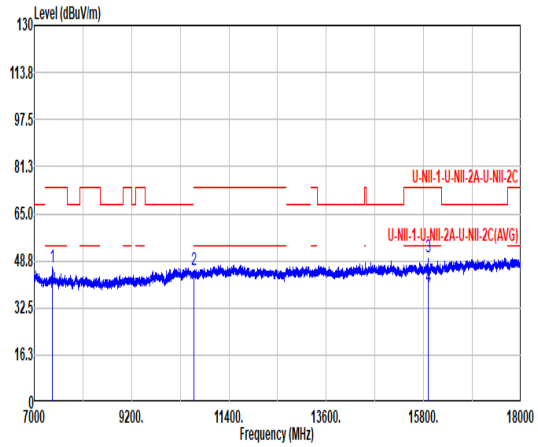


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7364.00	53.02	74.00	-20.98	67.20	35.80	15.00	64.98	0.00	294	99	PEAK
2	7364.00	44.79	54.00	-9.21	58.97	35.80	15.00	64.98	0.00	294	99	AVERAGE
3	10520.00	45.72	68.20	-22.48	54.89	37.70	18.14	65.01	0.00	--	--	PEAK
4	15780.00	59.20	74.00	-14.80	60.84	40.48	22.28	64.40	0.00	100	236	PEAK
5	15780.00	48.44	54.00	-5.56	50.08	40.48	22.28	64.40	0.00	100	236	AVERAGE

Mode	5
	Harmonic
	U-NII-2A_5.25-5.35_802.11a_CH60_5300MHz
ANT	CDD 8+10

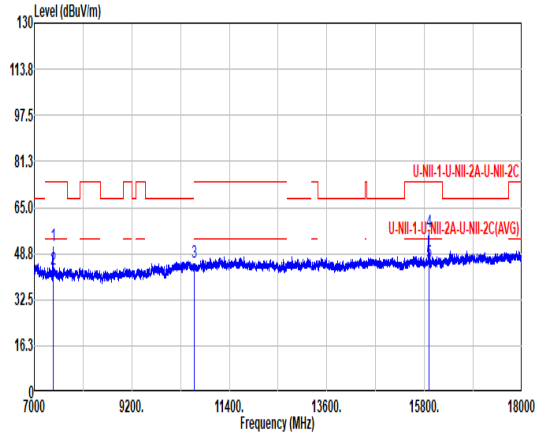
Pol.	Horizontal	Vertical

Peak



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7416.53	46.71	74.00	-27.29	61.06	35.80	14.97	65.12	0.00	--	--	Peak
2	10600.00	45.86	74.00	-28.14	55.25	37.70	17.83	64.92	0.00	--	--	PEAK
3	15900.00	50.26	74.00	-23.74	51.62	40.70	22.43	64.49	0.00	361	168	PEAK
4	15900.00	39.85	54.00	-14.15	41.22	40.69	22.43	64.49	0.00	361	168	AVERAGE

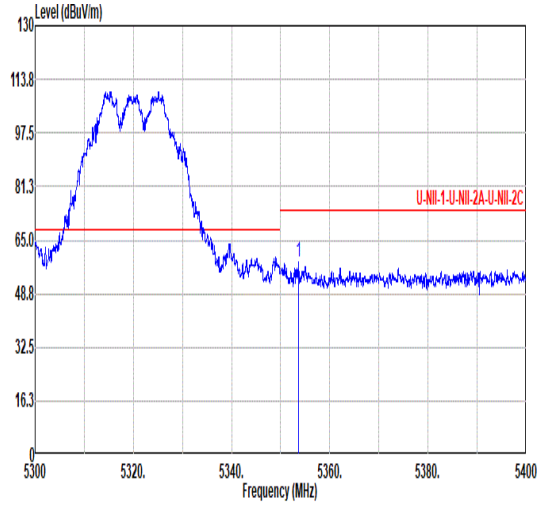
Avg



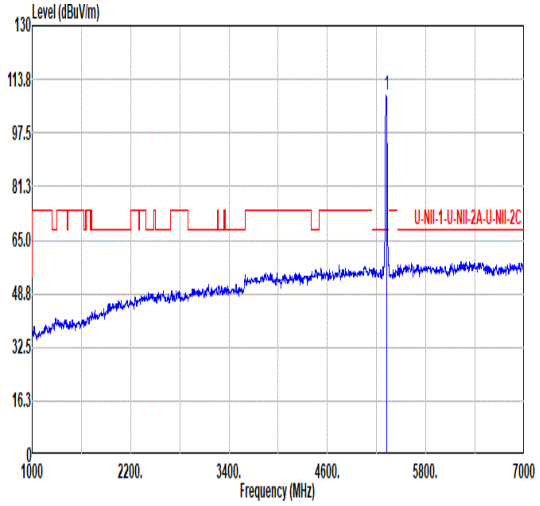
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7425.33	51.66	74.00	-22.34	65.95	35.80	15.06	65.15	0.00	270	100	Peak
2	7425.33	43.06	54.00	-10.94	57.35	35.80	15.06	65.15	0.00	270	100	Average
3	10600.00	45.48	74.00	-28.52	54.87	37.70	17.83	64.92	0.00	--	--	PEAK
4	15900.00	56.52	74.00	-17.48	57.88	40.70	22.43	64.49	0.00	101	234	PEAK
5	15900.00	45.78	54.00	-8.22	47.14	40.70	22.43	64.49	0.00	101	234	AVERAGE

Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 8+10	
Pol.	Horizontal	Fundamental

Peak

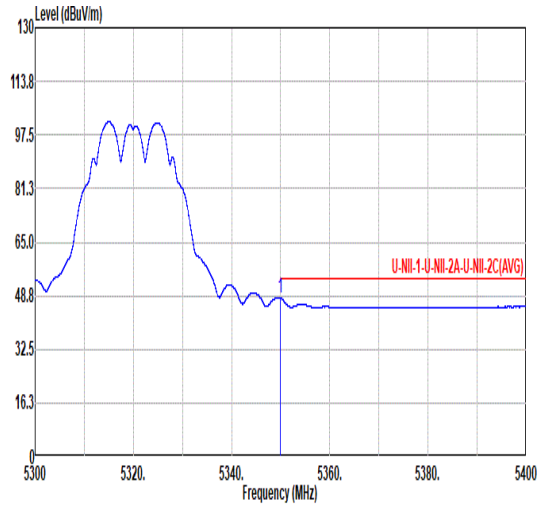


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5353.65	58.39	74.00	-15.61	40.94	34.60	12.59	29.74	0.00	100	118	PEAK

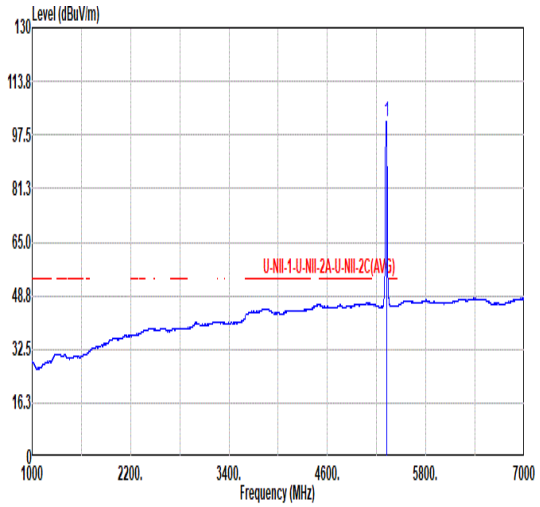


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	109.01	------	------	91.77	34.44	12.60	29.80	0.00	100	118	PEAK

Avg



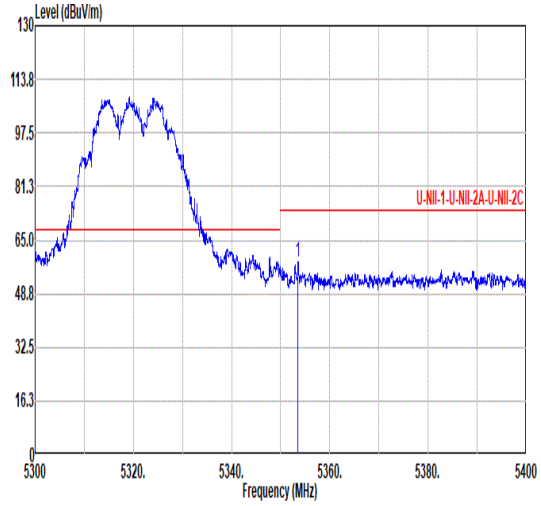
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5350.00	47.94	54.00	-6.06	30.52	34.60	12.56	29.74	0.00	100	118	AVERAGE



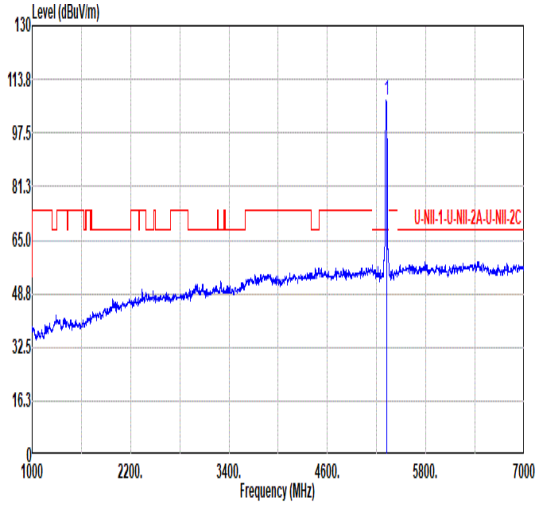
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	101.56	------	------	84.32	34.44	12.60	29.80	0.00	100	118	AVERAGE

Mode	6	
	Band Edge	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 8+10	
Pol.	Vertical	Fundamental

Peak

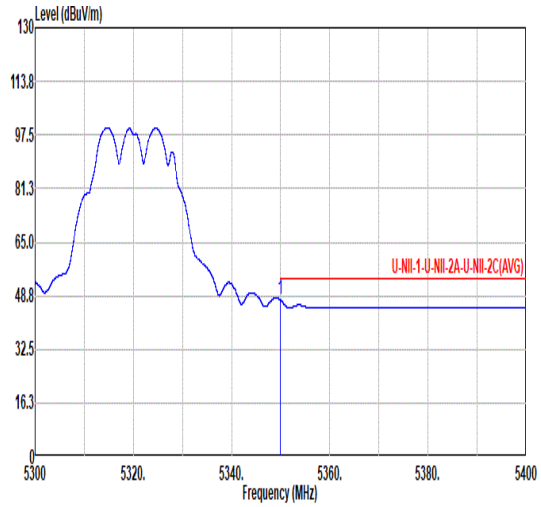


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5353.55	58.44	74.00	-15.56	40.99	34.60	12.59	29.74	0.00	320	46	PEAK

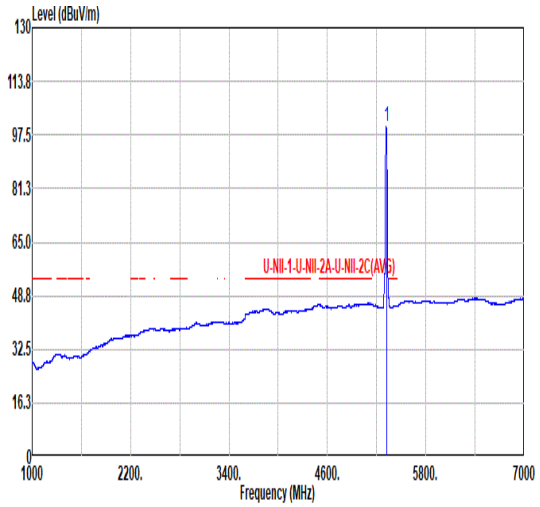


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	107.28	------	------	90.04	34.44	12.60	29.80	0.00	320	46	PEAK

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5350.00	47.43	54.00	-6.57	30.01	34.60	12.56	29.74	0.00	320	46	AVERAGE

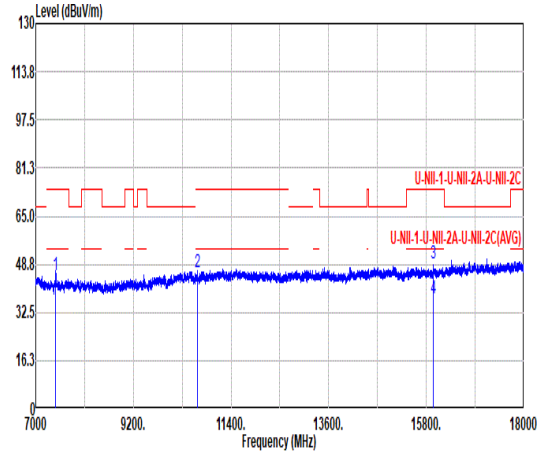


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5320.00	99.85	------	------	82.61	34.44	12.60	29.80	0.00	320	46	AVERAGE

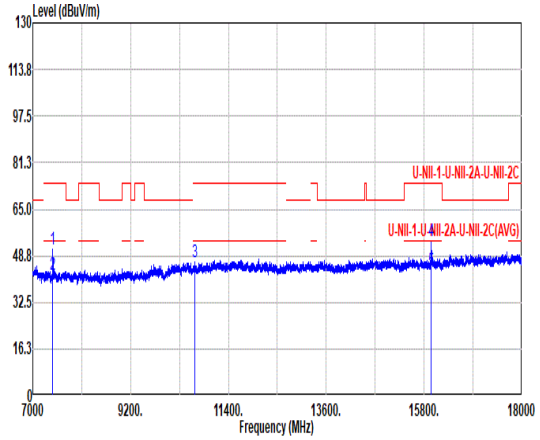
Mode	6	
	Harmonic	
	U-NII-2A_5.25-5.35_802.11a_CH64_5320MHz	
ANT	CDD 8+10	
Pol.	Horizontal	Vertical

Peak

Avg



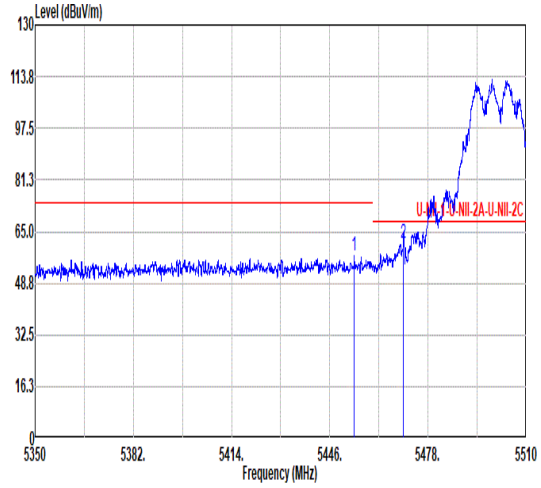
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7448.00	44.91	74.00	-29.09	59.02	35.80	15.30	65.21	0.00	--	--	PEAK
2	10640.00	45.91	74.00	-28.09	55.15	37.74	17.89	64.87	0.00	--	--	PEAK
3	15960.00	49.16	74.00	-24.84	50.63	40.82	22.24	64.53	0.00	300	360	PEAK
4	15960.00	37.47	54.00	-16.53	39.00	40.84	22.17	64.54	0.00	300	360	AVERAGE



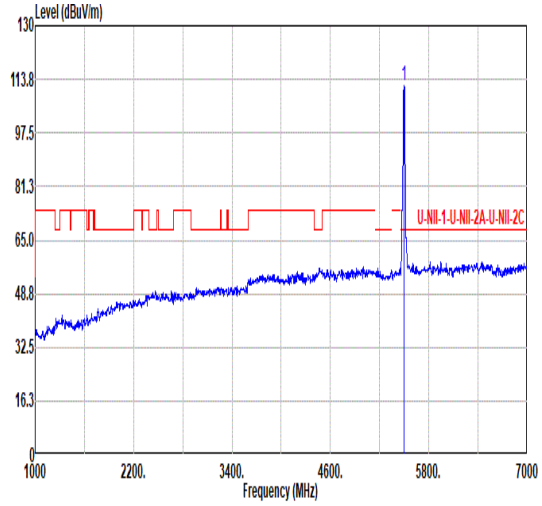
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	7448.00	50.82	74.00	-23.18	64.93	35.80	15.30	65.21	0.00	300	95	PEAK
2	7448.00	42.22	54.00	-11.78	56.33	35.80	15.30	65.21	0.00	300	95	AVERAGE
3	10640.00	46.61	74.00	-27.39	55.85	37.74	17.89	64.87	0.00	--	--	PEAK
4	15960.00	53.93	74.00	-20.07	55.40	40.82	22.24	64.53	0.00	100	236	PEAK
5	15960.00	43.51	54.00	-10.49	44.99	40.82	22.23	64.53	0.00	100	236	AVERAGE

Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 8+10	
Pol.	Horizontal	Fundamental

Peak

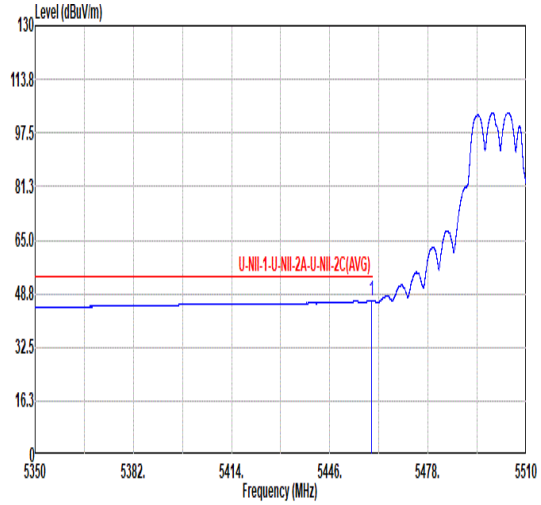


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5453.93	57.33	74.00	-16.67	39.50	34.60	12.81	29.58	0.00	114	116	PEAK
2	5470.00	61.47	68.20	-6.73	43.52	34.60	12.91	29.56	0.00	114	116	PEAK

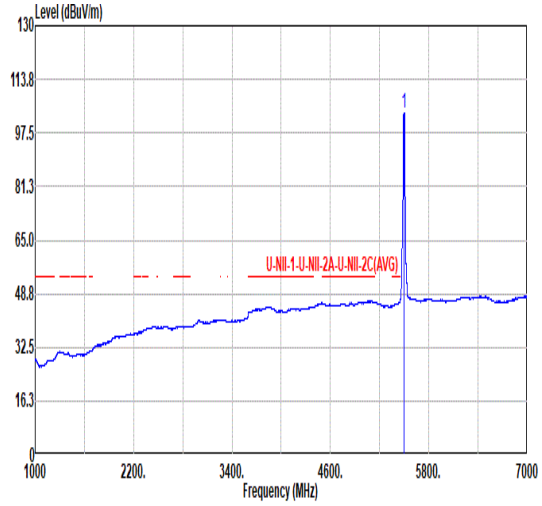


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	111.99	------	------	93.84	34.60	13.06	29.51	0.00	114	116	PEAK

Avg



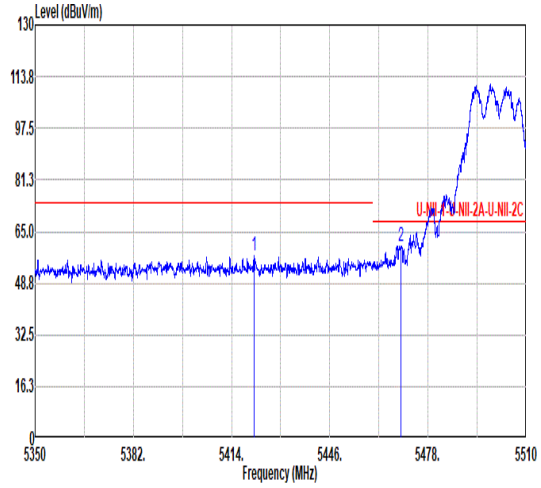
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5459.49	46.84	54.00	-7.16	28.96	34.60	12.85	29.57	0.00	114	116	AVERAGE



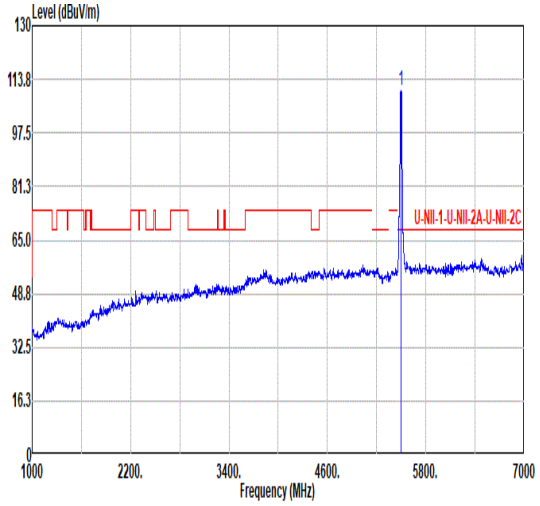
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	103.53	------	------	85.38	34.60	13.06	29.51	0.00	114	116	AVERAGE

Mode	7	
	Band Edge	
	U-NII-2C_5.47-5.725_802.11a_CH100_5500MHz	
ANT	CDD 8+10	
Pol.	Vertical	Fundamental

Peak

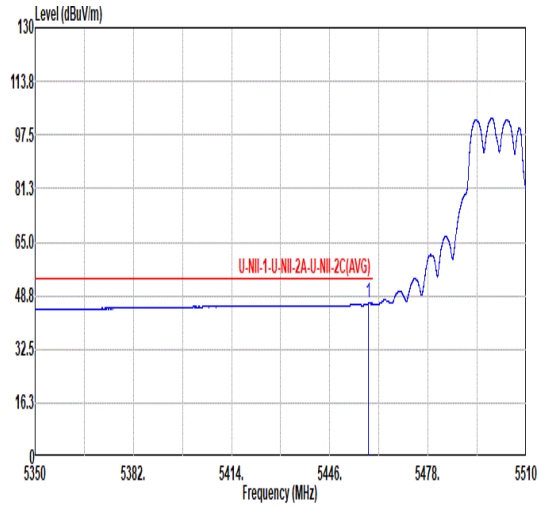


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5421.45	57.39	74.00	-16.61	39.49	34.60	12.93	29.63	0.00	300	49	PEAK
2	5469.29	60.47	68.20	-7.73	42.53	34.60	12.90	29.56	0.00	300	49	PEAK

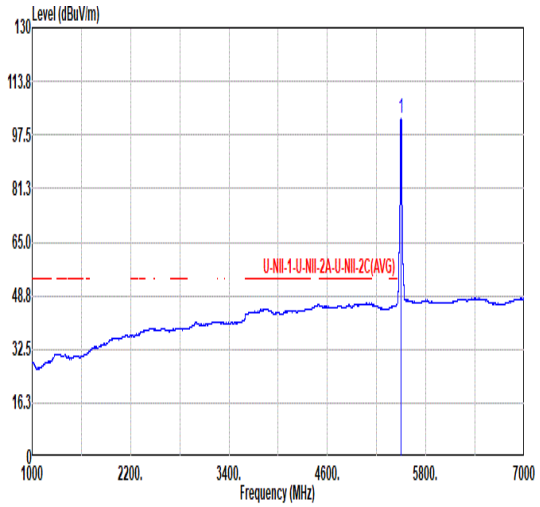


	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	110.50	------	------	92.35	34.60	13.06	29.51	0.00	300	49	PEAK

Avg



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5458.54	46.39	54.00	-7.61	28.52	34.60	12.84	29.57	0.00	300	49	AVERAGE



	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	5500.00	102.50	------	------	84.35	34.60	13.06	29.51	0.00	300	49	AVERAGE