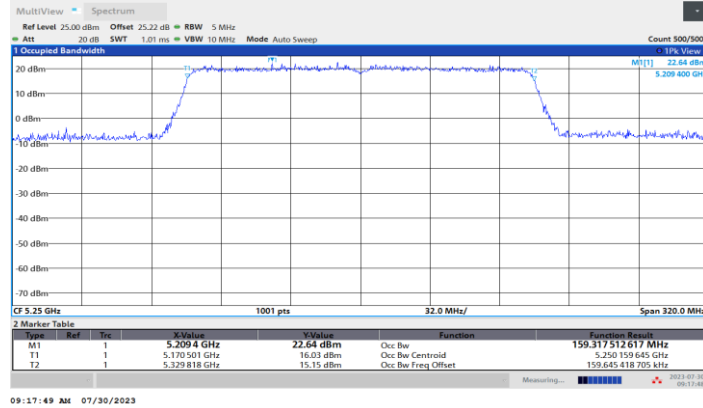
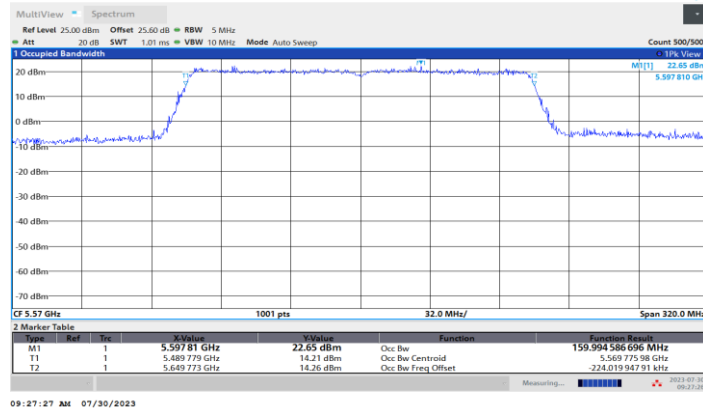
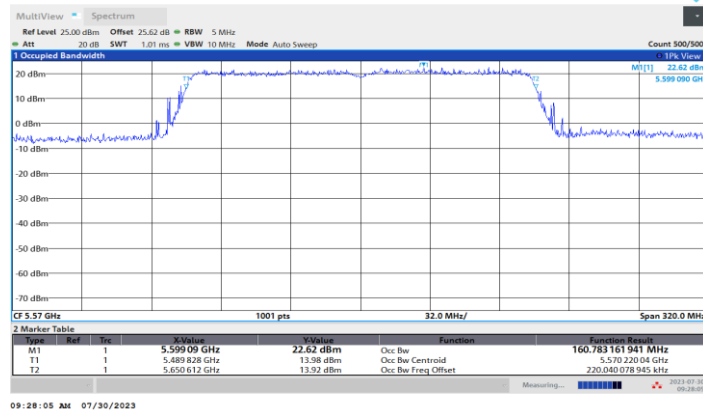




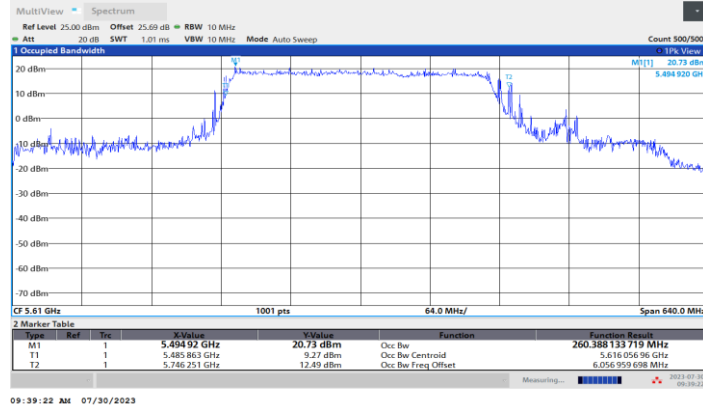
11BE160MIMO_Ant2_5250



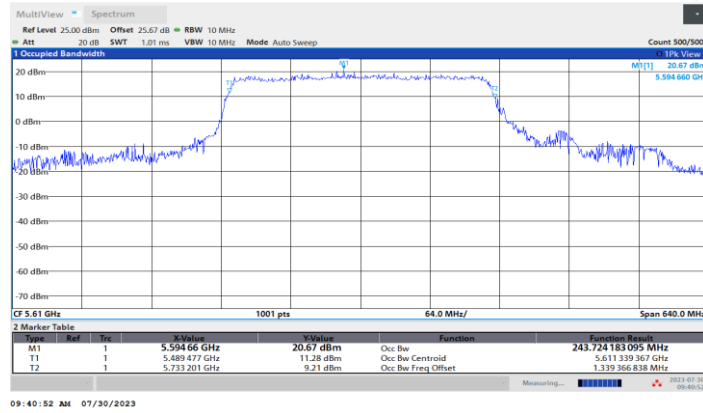
11BE160MIMO_Ant1_5570



11BE160MIMO_Ant2_5570



11BE240MIMO_Ant1_5610



11BE240MIMO_Ant2_5610

11.3. APPENDIX C: MIN EMISSION BANDWIDTH

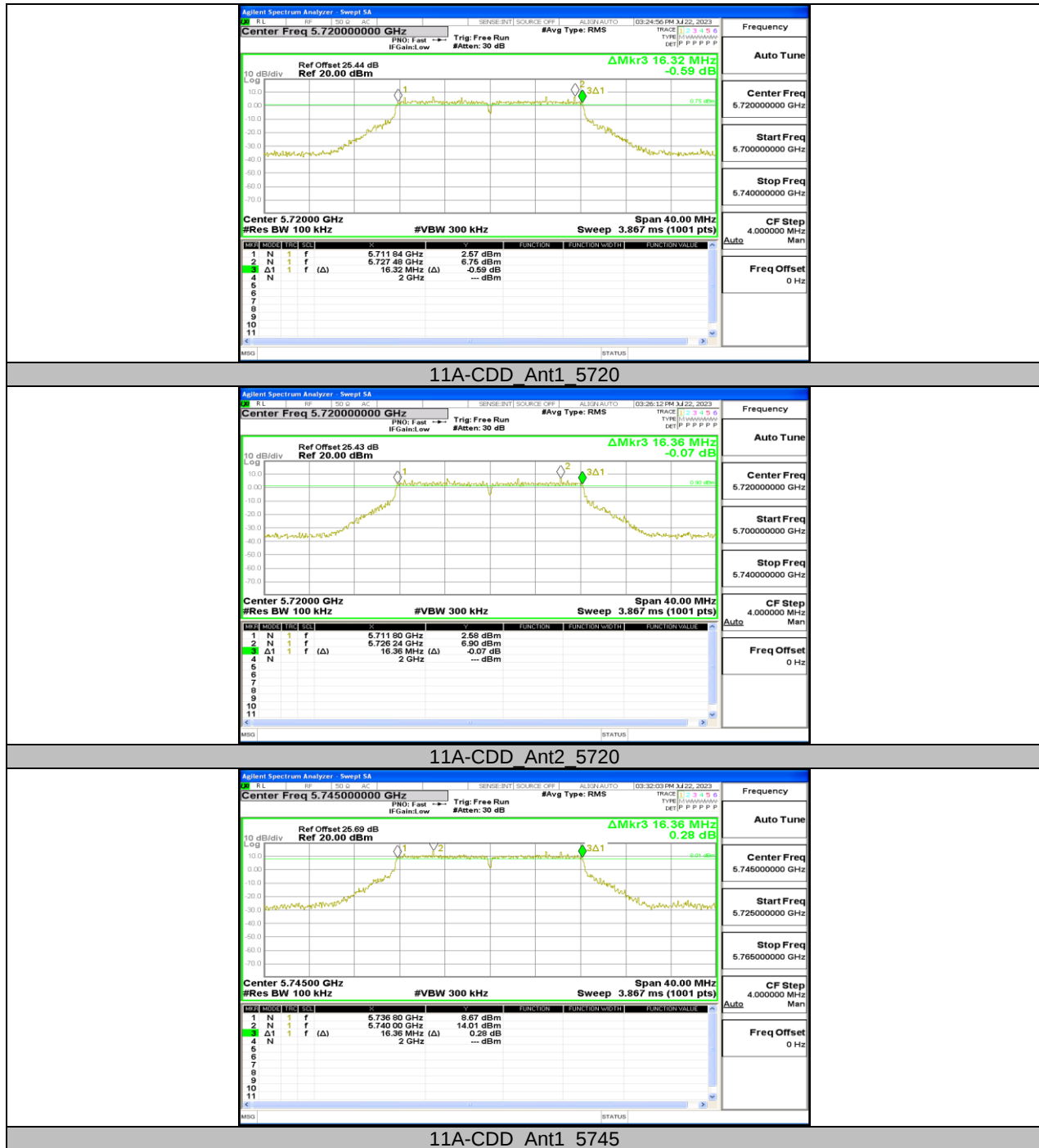
11.3.1. Test Result

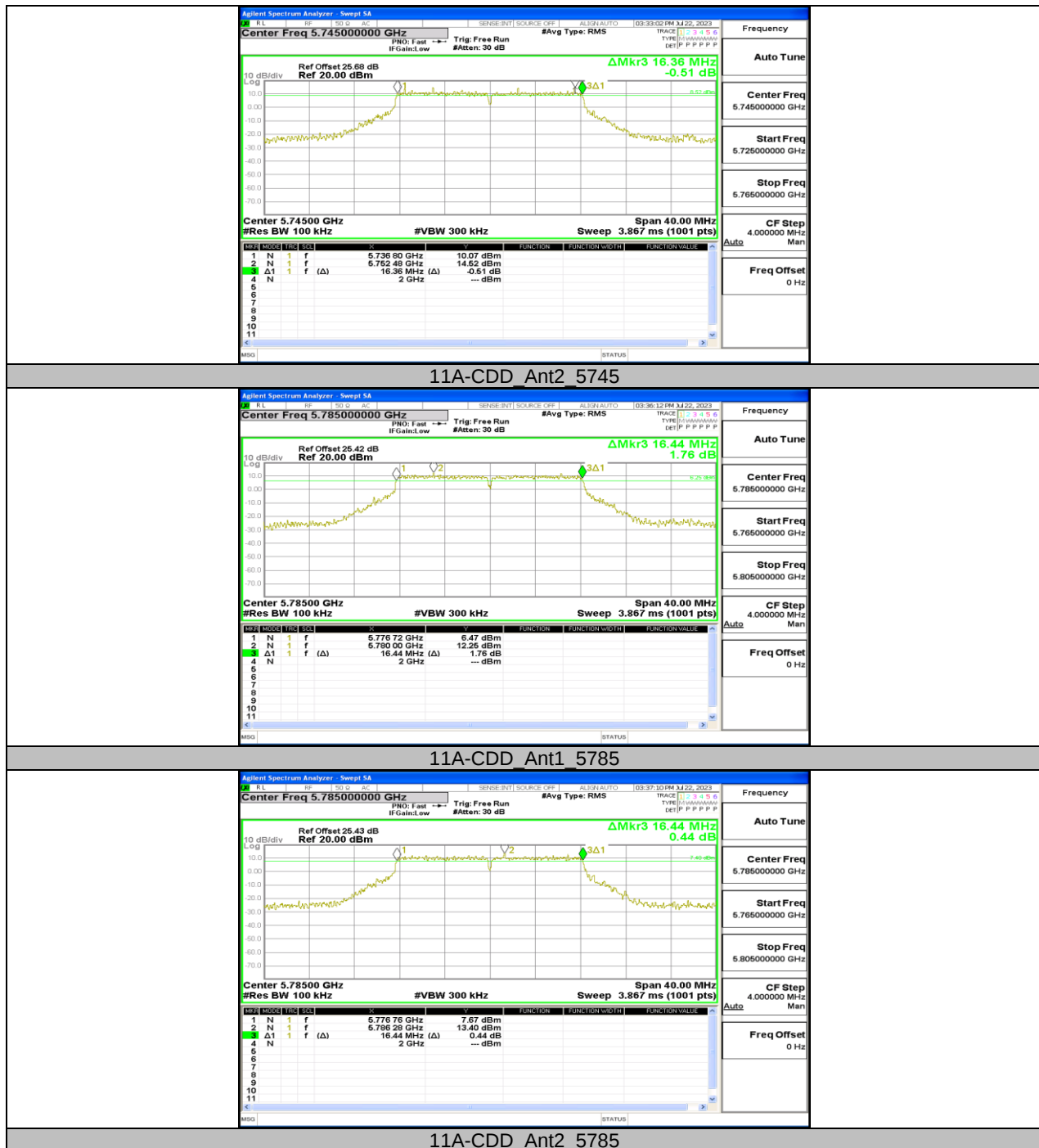
Test Mode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5720	16.320	5711.840	5728.160	≥0.5	PASS
	Ant2	5720	16.360	5711.800	5728.160	≥0.5	PASS
	Ant1	5720 UNII-3	3.16	5725	5728.160	≥0.5	PASS
	Ant2	5720 UNII-3	3.16	5725	5728.160	≥0.5	PASS
	Ant1	5745	16.360	5736.800	5753.160	≥0.5	PASS
	Ant2	5745	16.360	5736.800	5753.160	≥0.5	PASS
	Ant1	5785	16.440	5776.720	5793.160	≥0.5	PASS
	Ant2	5785	16.440	5776.760	5793.200	≥0.5	PASS
	Ant1	5825	16.360	5816.800	5833.160	≥0.5	PASS
	Ant2	5825	16.360	5816.800	5833.160	≥0.5	PASS
11AC20MIMO	Ant1	5720	17.60	5711.16	5728.76	≥0.5	PASS
	Ant2	5720	17.60	5711.16	5728.76	≥0.5	PASS
	Ant1	5720 UNII-3	3.76	5725	5728.76	≥0.5	PASS
	Ant2	5720 UNII-3	3.76	5725	5728.76	≥0.5	PASS
	Ant1	5745	17.60	5736.16	5753.76	≥0.5	PASS
	Ant2	5745	17.60	5736.16	5753.76	≥0.5	PASS
	Ant1	5785	17.60	5776.16	5793.76	≥0.5	PASS
	Ant2	5785	17.60	5776.16	5793.76	≥0.5	PASS
	Ant1	5825	17.68	5816.08	5833.76	≥0.5	PASS
	Ant2	5825	17.64	5816.12	5833.76	≥0.5	PASS
11AC40MIMO	Ant1	5710	36.32	5691.84	5728.16	≥0.5	PASS
	Ant2	5710	36.32	5691.84	5728.16	≥0.5	PASS
	Ant1	5710 UNII-3	3.16	5725	5728.16	≥0.5	PASS
	Ant2	5710 UNII-3	3.16	5725	5728.16	≥0.5	PASS
	Ant1	5755	36.40	5736.76	5773.16	≥0.5	PASS
	Ant2	5755	36.32	5736.84	5773.16	≥0.5	PASS
	Ant1	5795	36.40	5776.76	5813.16	≥0.5	PASS
	Ant2	5795	36.32	5776.84	5813.16	≥0.5	PASS
11AC80MIMO	Ant1	5690	76.48	5651.76	5728.24	≥0.5	PASS
	Ant2	5690	76.48	5651.76	5728.24	≥0.5	PASS
	Ant1	5690 UNII-3	3.24	5725	5728.24	≥0.5	PASS
	Ant2	5690 UNII-3	3.24	5725	5728.24	≥0.5	PASS
	Ant1	5775	76.48	5736.76	5813.24	≥0.5	PASS
	Ant2	5775	76.48	5736.76	5813.24	≥0.5	PASS
11BE20MIMO	Ant1	5720	19.040	5710.440	5729.480	≥0.5	PASS
	Ant2	5720	19.040	5710.440	5729.480	≥0.5	PASS
	Ant1	5720 UNII-3	4.48	5725	5729.480	≥0.5	PASS
	Ant2	5720 UNII-3	4.48	5725	5729.480	≥0.5	PASS
	Ant1	5745	19.080	5735.440	5754.520	≥0.5	PASS
	Ant2	5745	18.960	5735.480	5754.440	≥0.5	PASS
	Ant1	5785	19.120	5775.400	5794.520	≥0.5	PASS
	Ant2	5785	19.040	5775.480	5794.520	≥0.5	PASS
	Ant1	5825	19.000	5815.480	5834.480	≥0.5	PASS
	Ant2	5825	19.040	5815.440	5834.480	≥0.5	PASS
11BE40MIMO	Ant1	5710	38.24	5690.88	5729.12	≥0.5	PASS
	Ant2	5710	38.24	5690.88	5729.12	≥0.5	PASS
	Ant1	5710 UNII-3	4.12	5725	5729.12	≥0.5	PASS
	Ant2	5710 UNII-3	4.12	5725	5729.12	≥0.5	PASS
	Ant1	5755	38.16	5735.88	5774.04	≥0.5	PASS
	Ant2	5755	38.08	5735.96	5774.04	≥0.5	PASS
	Ant1	5795	38.24	5775.80	5814.04	≥0.5	PASS
	Ant2	5795	38.16	5775.88	5814.04	≥0.5	PASS
11BE80MIMO	Ant1	5690	78.08	5650.96	5729.04	≥0.5	PASS
	Ant2	5690	77.92	5650.96	5728.88	≥0.5	PASS

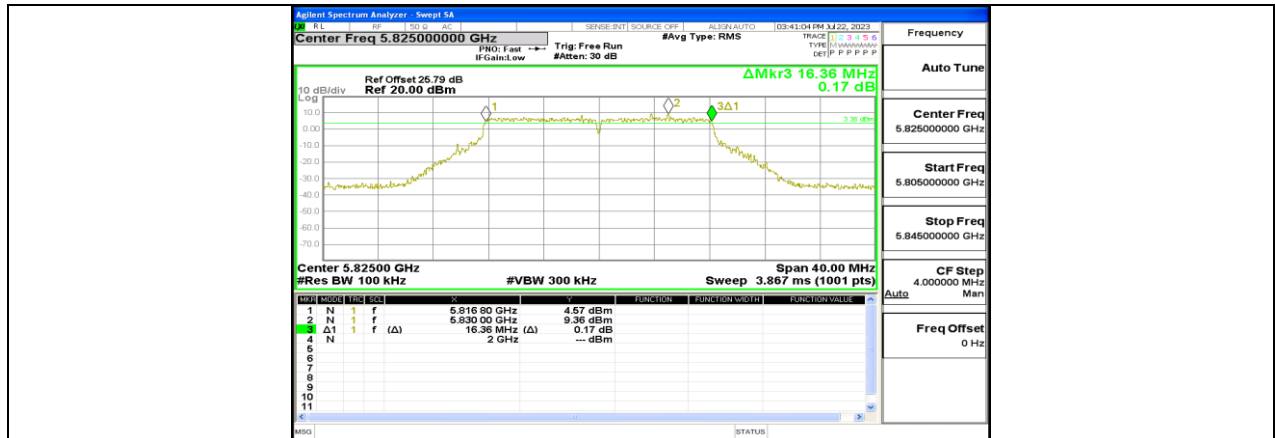
	Ant1	5690 UNII-3	4.04	5725	5729.04	≥0.5	PASS
	Ant2	5690 UNII-3	3.88	5725	5728.88	≥0.5	PASS
	Ant1	5775	78.08	5735.96	5814.04	≥0.5	PASS
	Ant2	5775	78.08	5735.96	5814.04	≥0.5	PASS
11BE240MIMO	Ant1	5610	238.08	5490.96	5729.04	≥0.5	PASS
	Ant2	5610	238.08	5490.96	5729.04	≥0.5	PASS
	Ant1	5610 UNII-3	4.04	5725	5729.04	≥0.5	PASS
	Ant2	5610 UNII-3	4.04	5725	5729.04	≥0.5	PASS

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

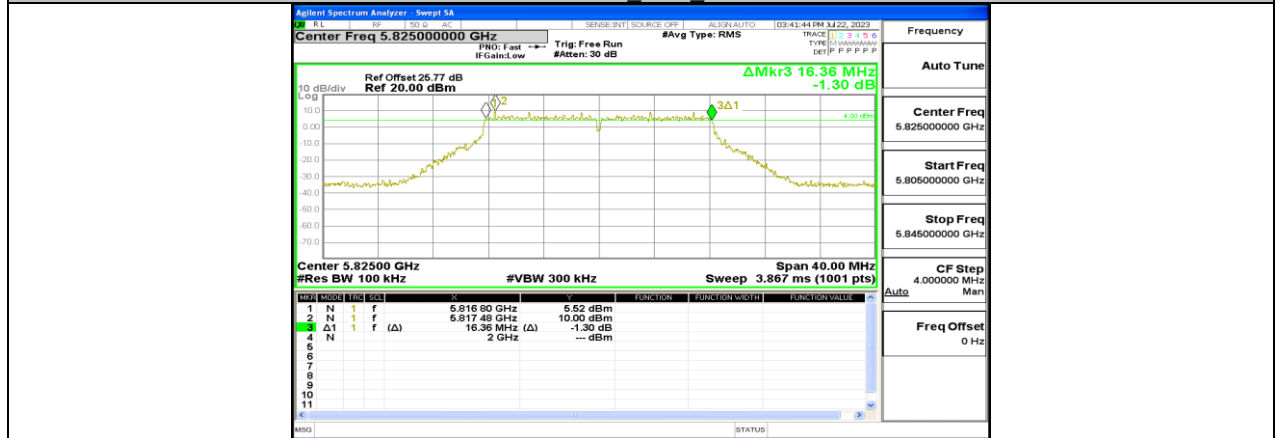
11.3.2. Test Graphs



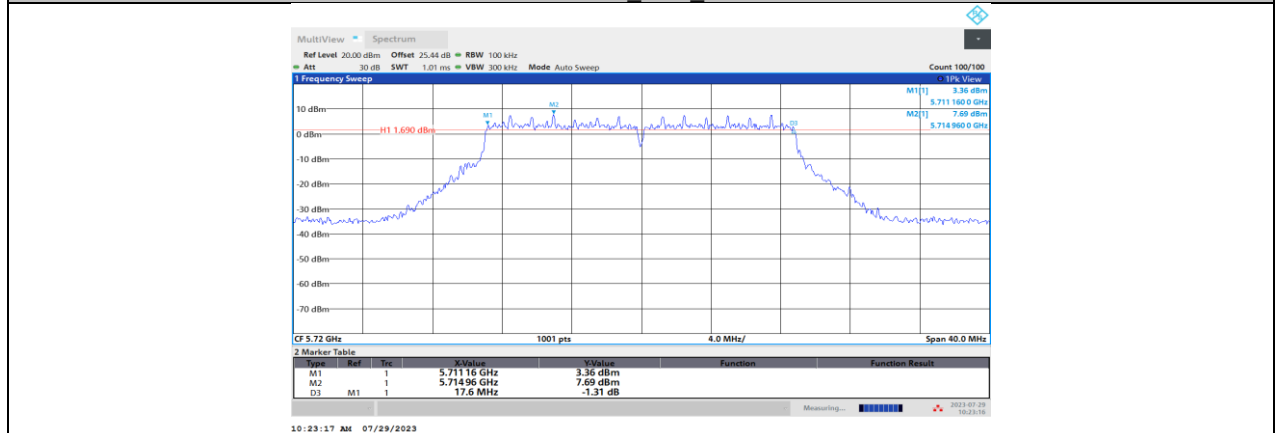




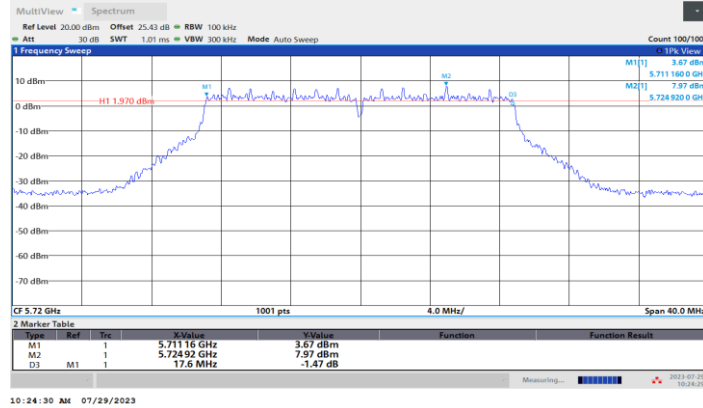
11A-CDD Ant1 5825



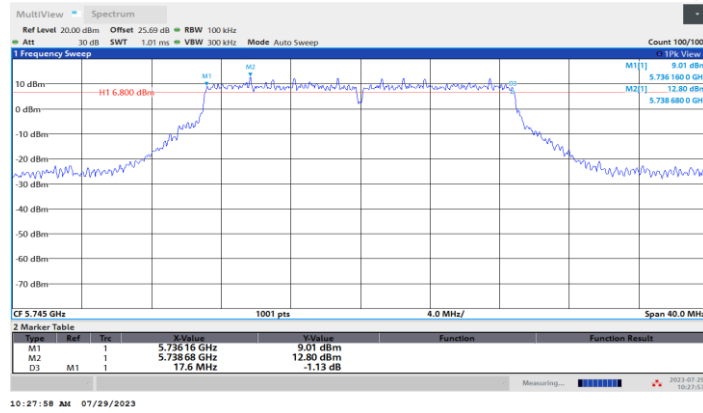
11A-CDD Ant2 5825



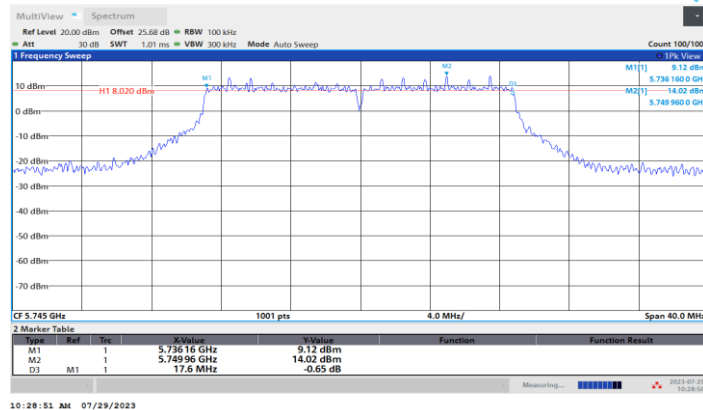
11AC20MIMO Ant1 5720



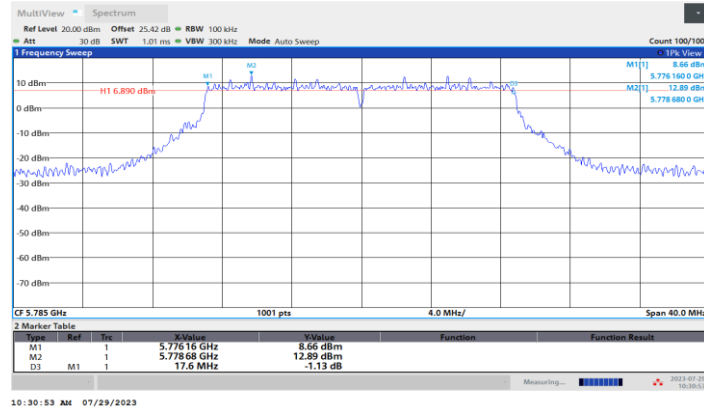
11AC20MIMO_Ant2_5720



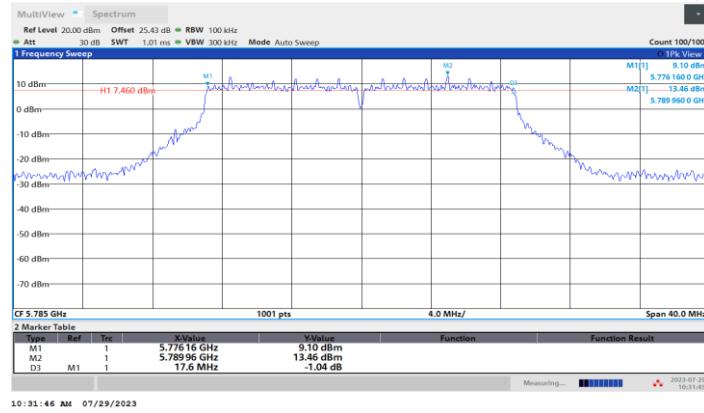
11AC20MIMO_Ant1_5745



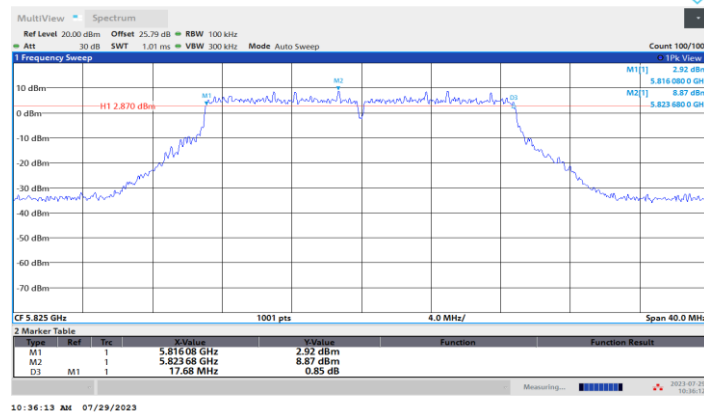
11AC20MIMO_Ant2_5745



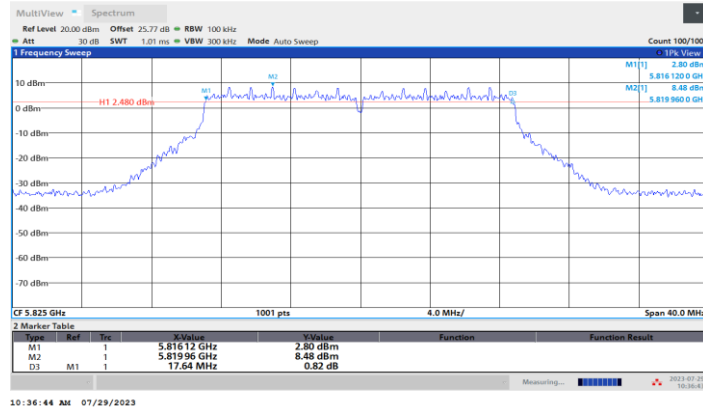
11AC20MIMO_Ant1_5785



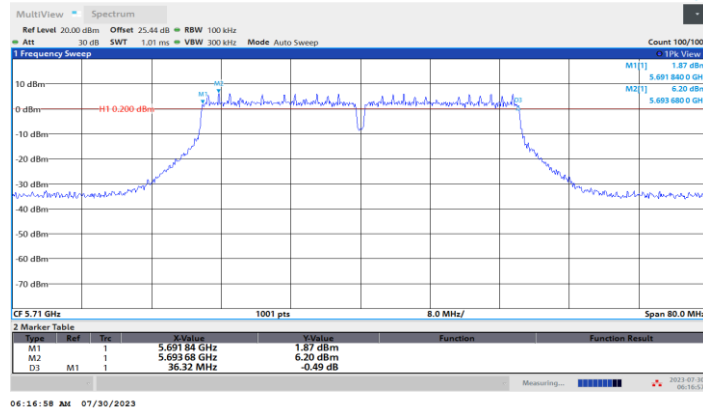
11AC20MIMO_Ant2_5785



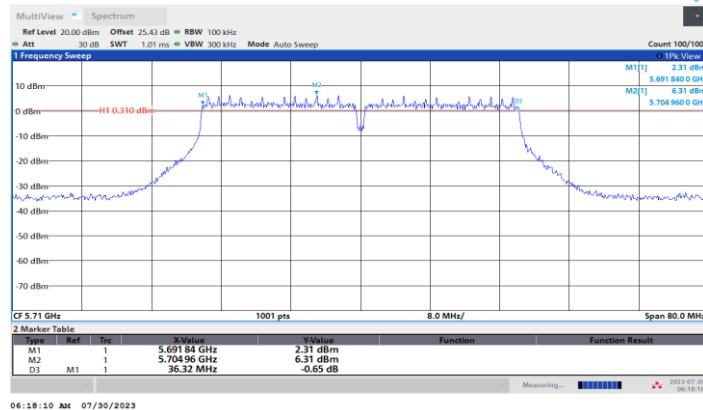
11AC20MIMO_Ant1_5825



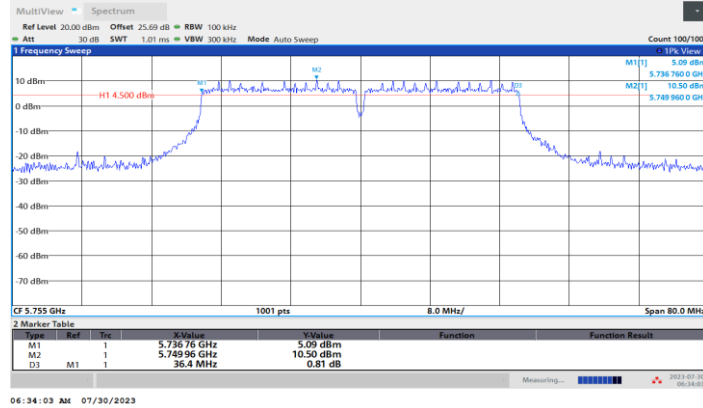
11AC20MIMO_Ant2_5825



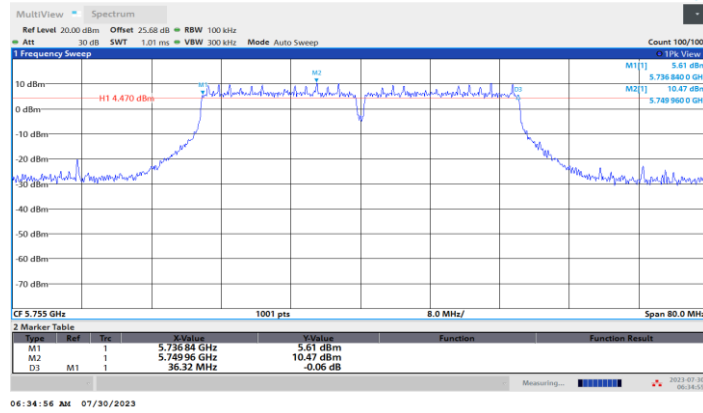
11AC40MIMO_Ant1_5710



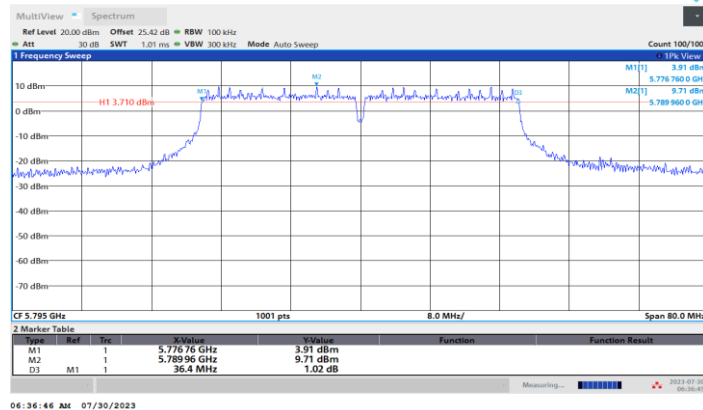
11AC40MIMO_Ant2_5710



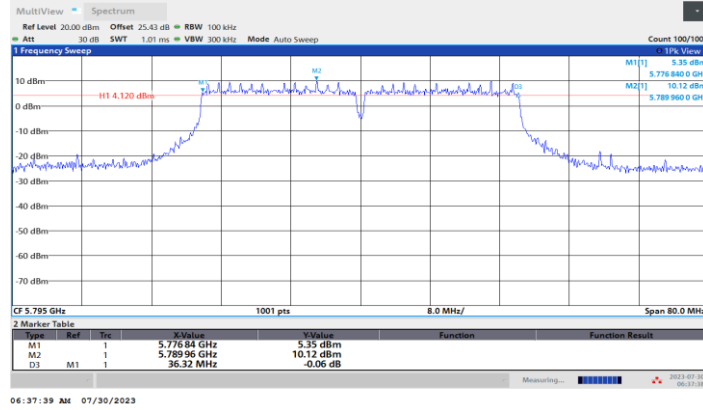
11AC40MIMO_Ant1_5755



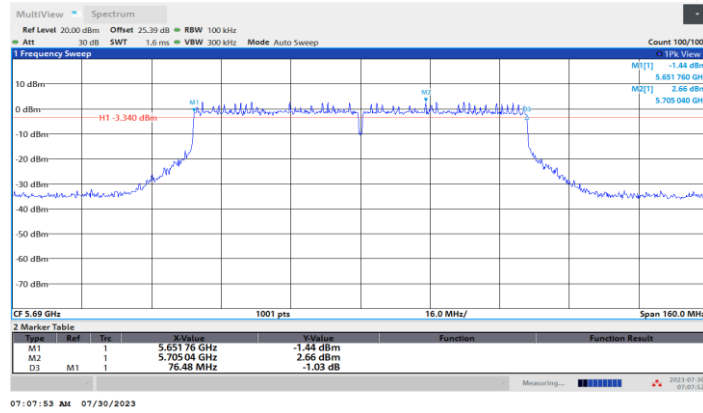
11AC40MIMO_Ant2_5755



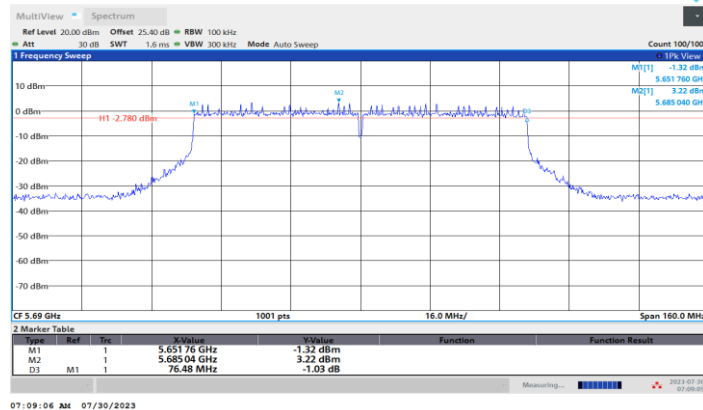
11AC40MIMO_Ant1_5795



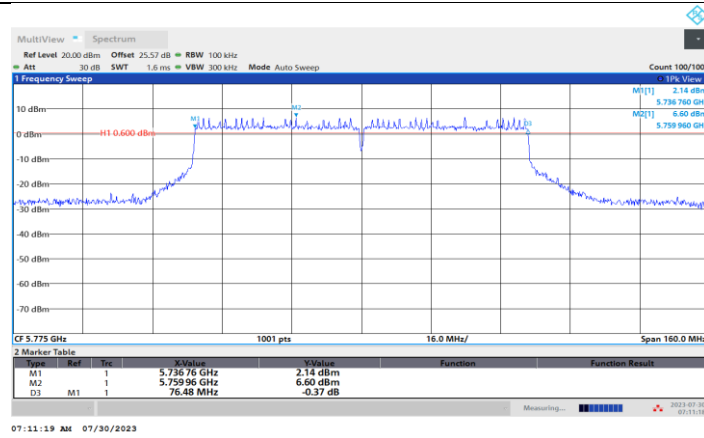
11AC40MIMO_Ant2_5795



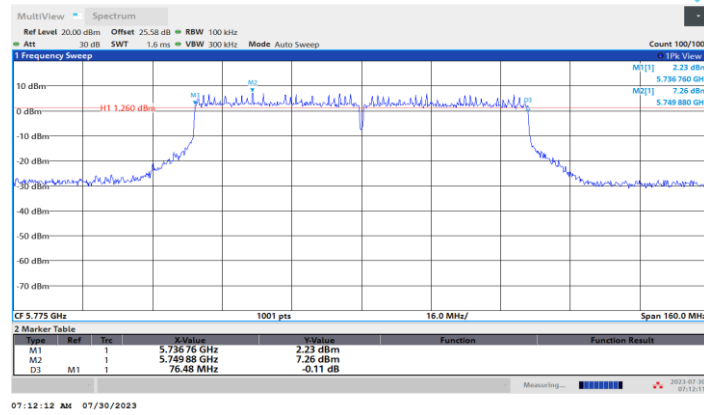
11AC80MIMO_Ant1_5690



11AC80MIMO_Ant2_5690



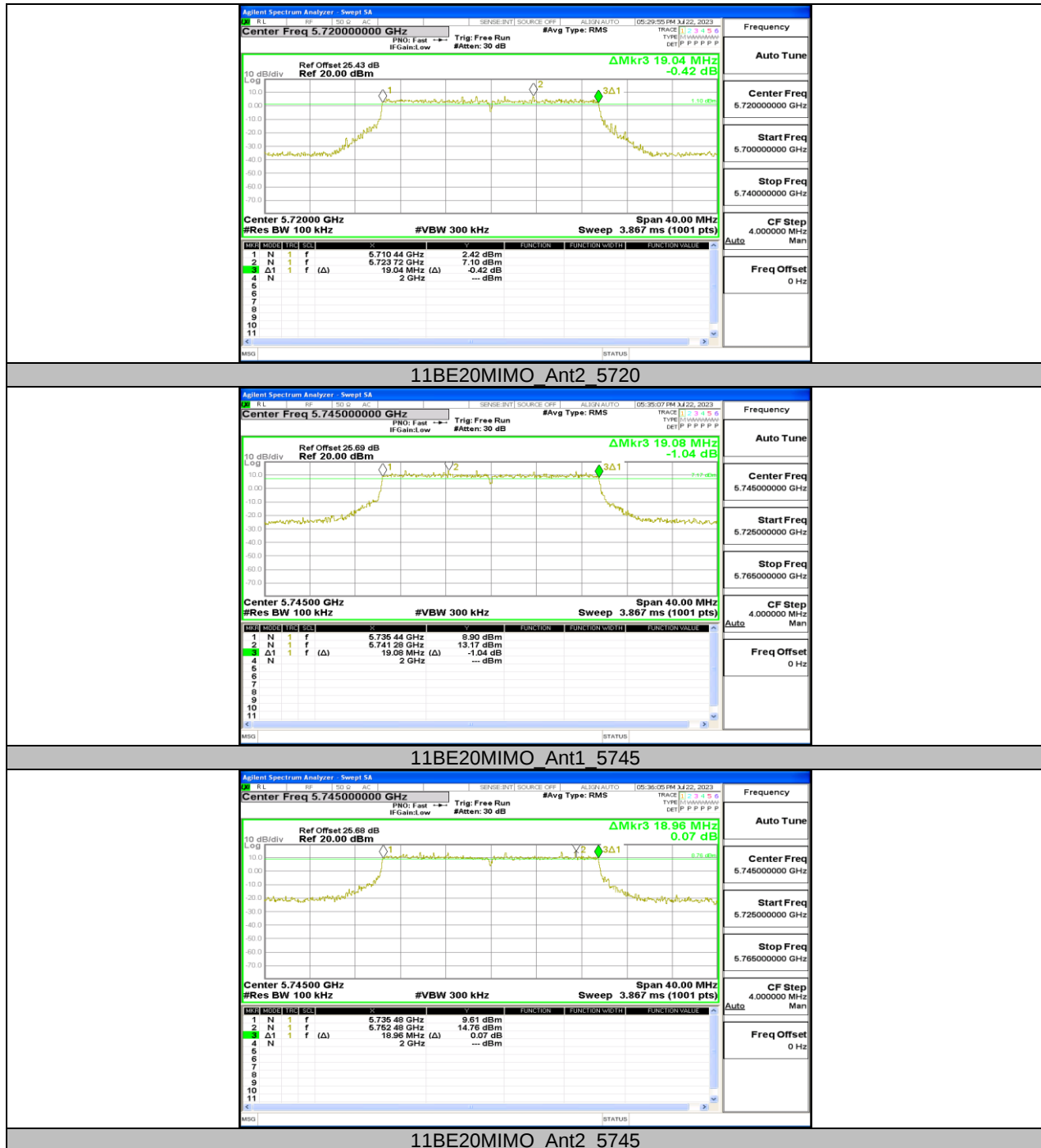
11AC80MIMO_Ant1_5775

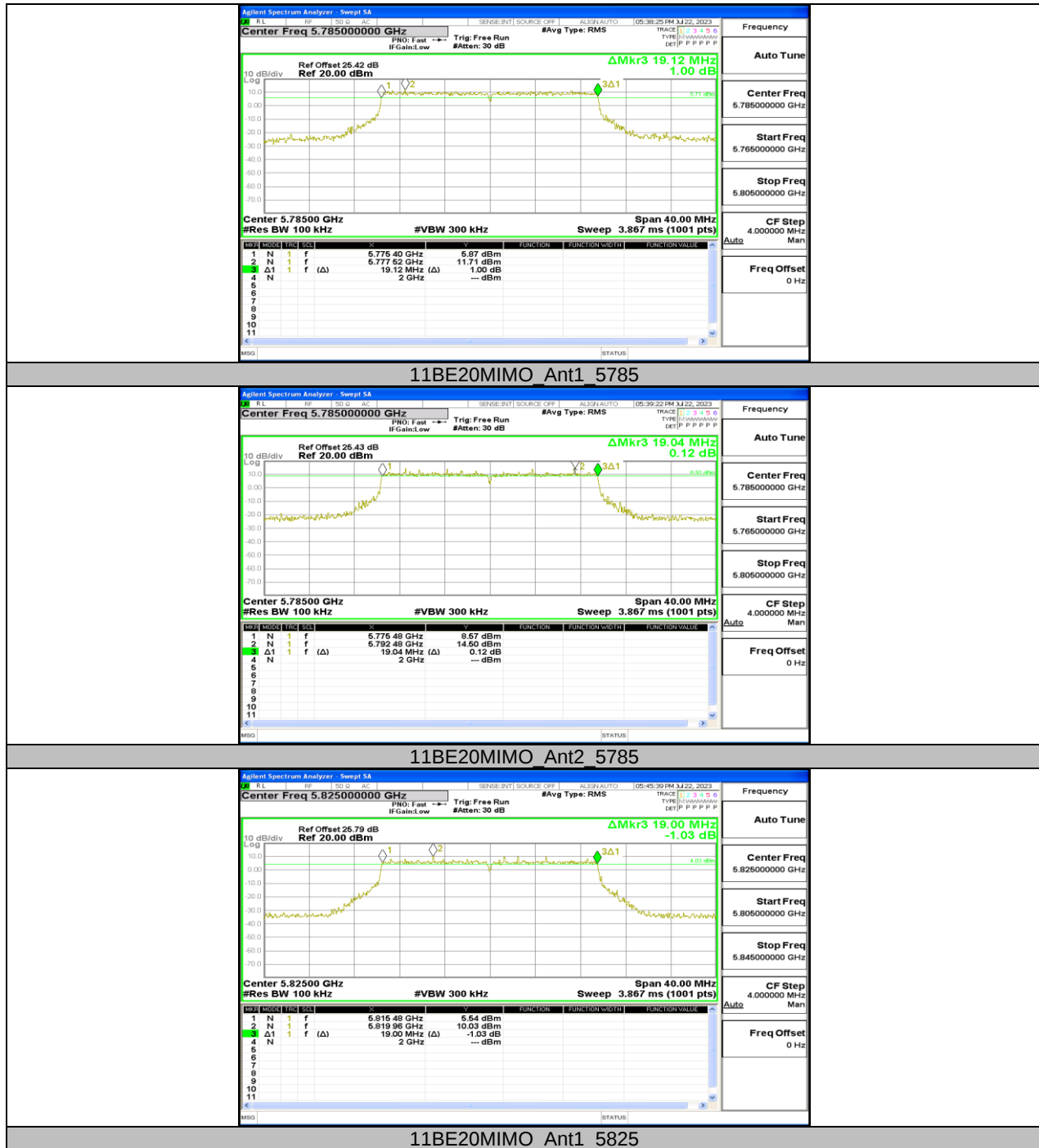


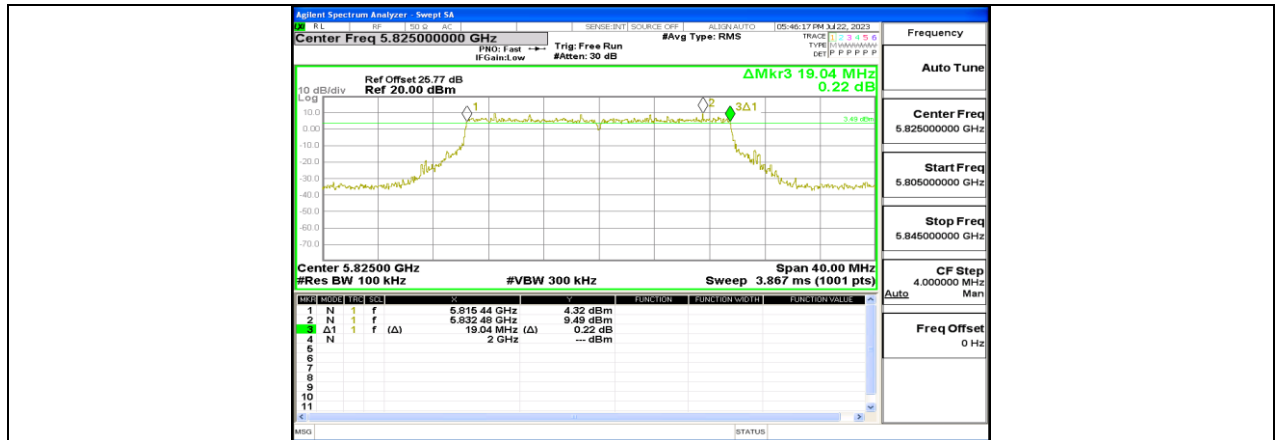
11AC80MIMO_Ant2_5775



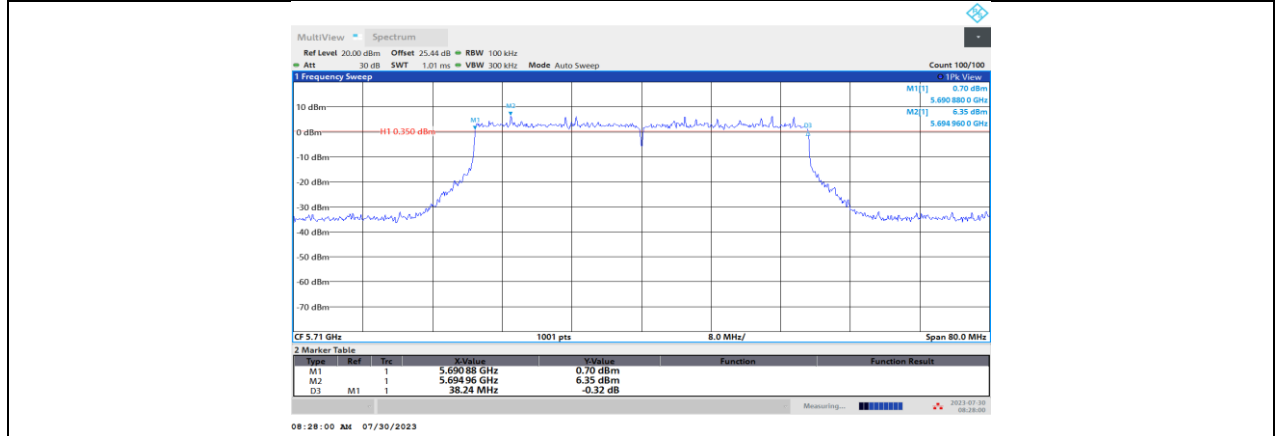
11BE20MIMO_Ant1_5720



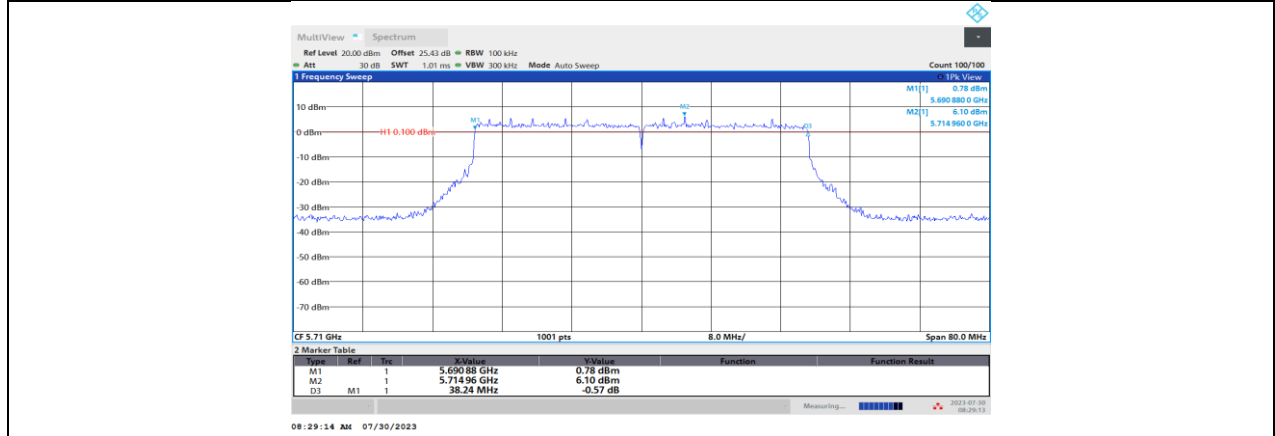




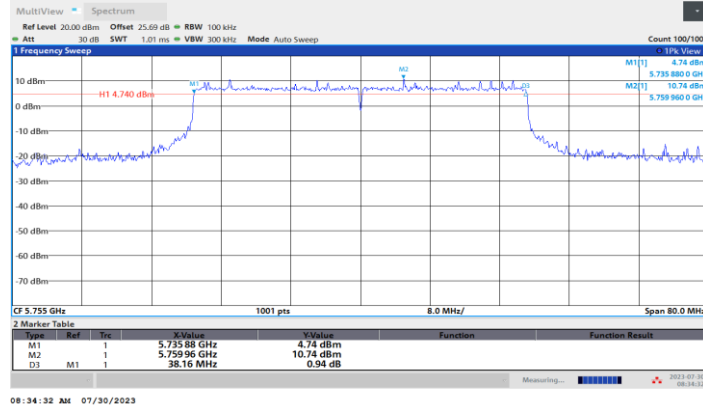
11BE20MIMO_Ant2_5825



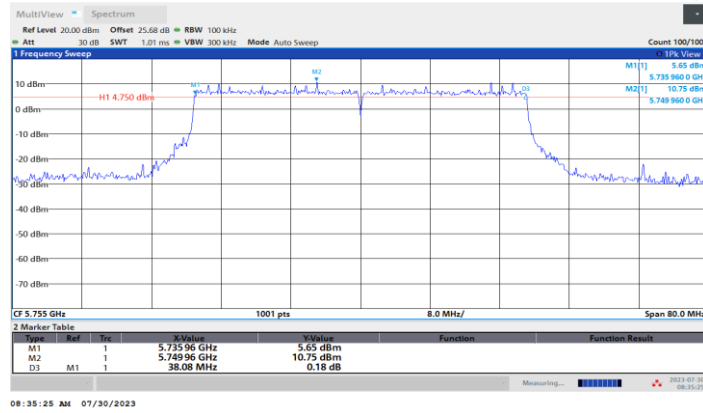
11BE40MIMO_Ant1_5710



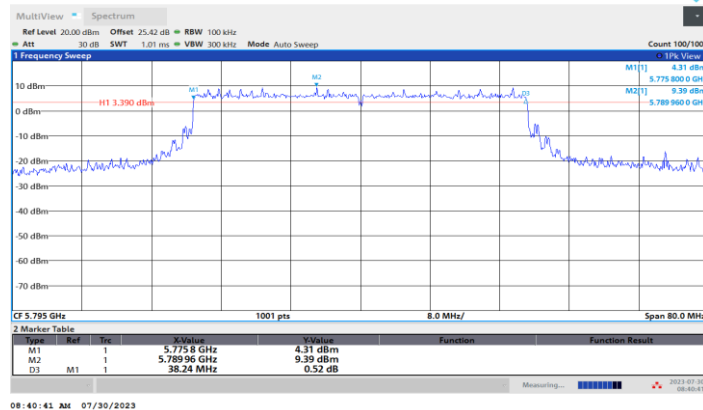
11BE40MIMO_Ant2_5710



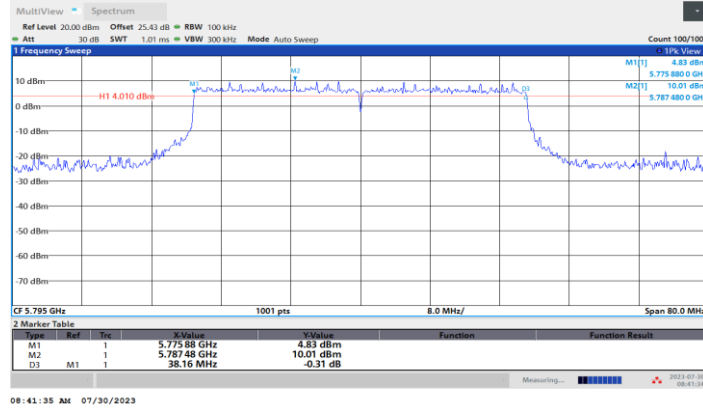
11BE40MIMO_Ant1_5755



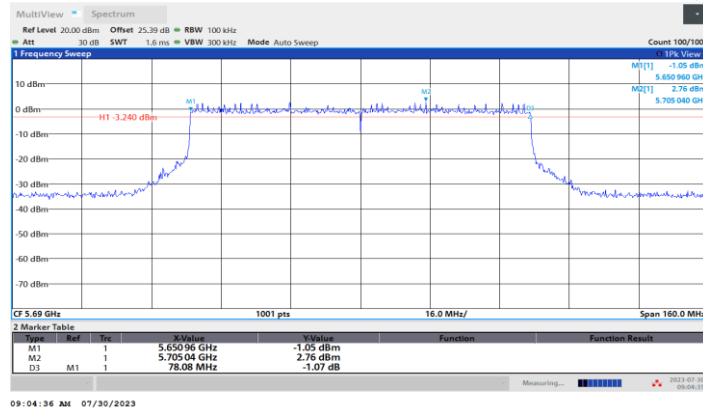
11BE40MIMO_Ant2_5755



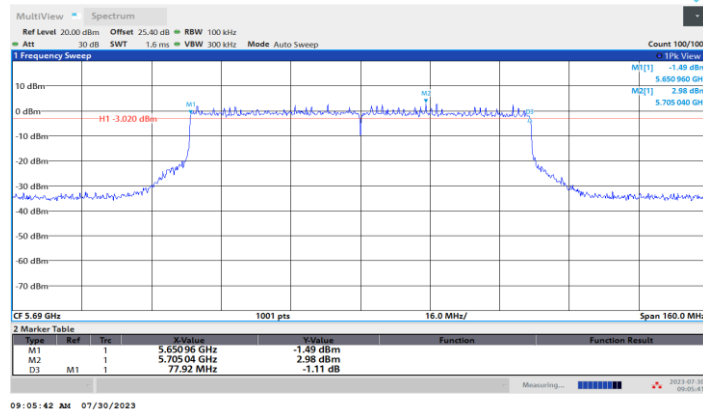
11BE40MIMO_Ant1_5795



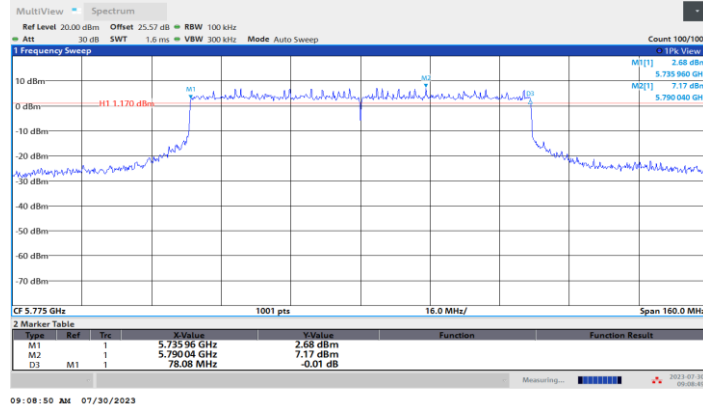
11BE40MIMO_Ant2_5795



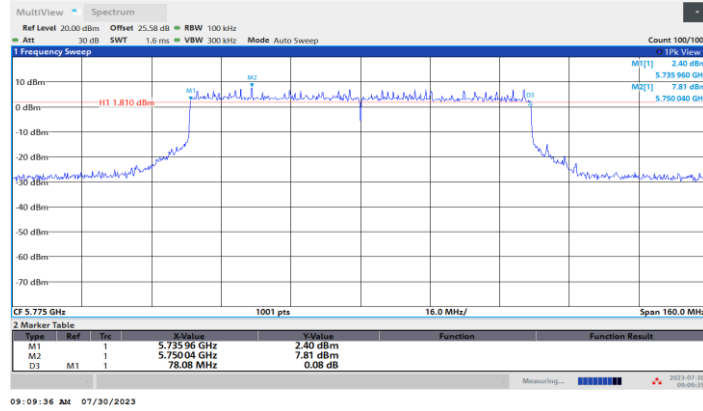
11BE80MIMO_Ant1_5690



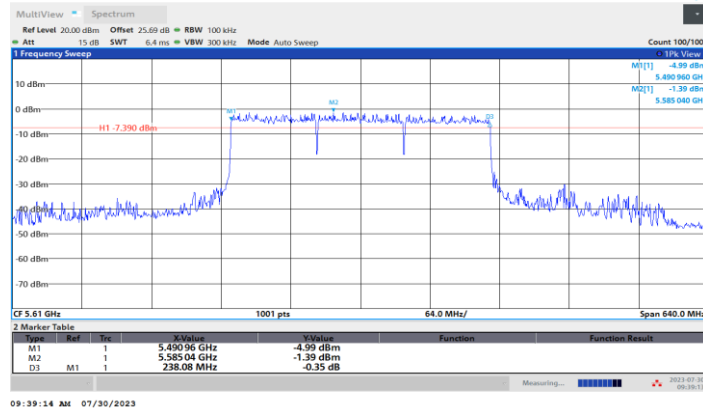
11BE80MIMO_Ant2_5690



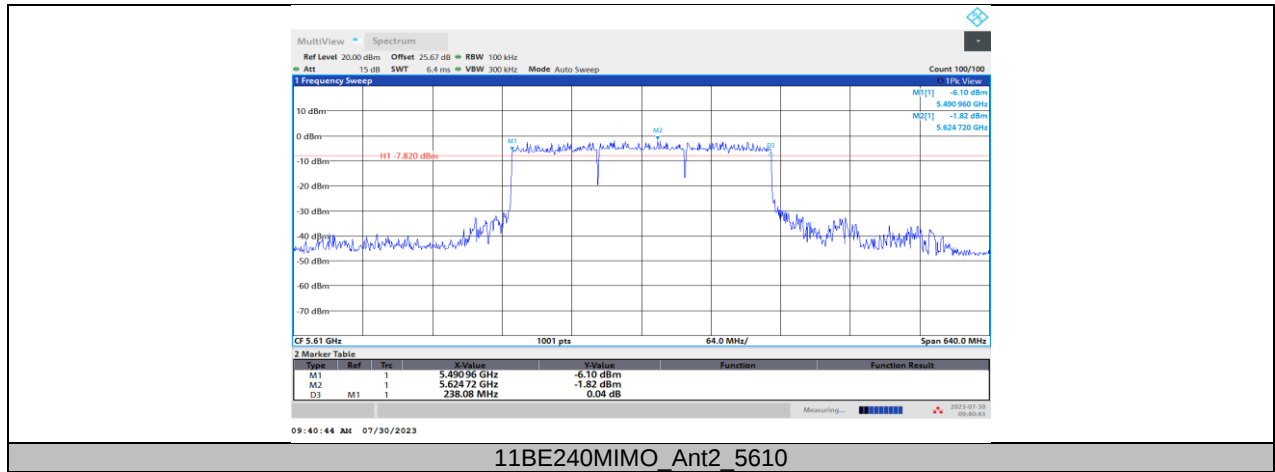
11BE80MIMO_Ant1_5775



11BE80MIMO_Ant2_5775



11BE240MIMO_Ant1_5610



11.4. APPENDIX D: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER

11.4.1. FCC CDD Mode Test Result

Mode	Frequency (MHz)	Average Conducted Power (dBm)			Directional Gain (dBi)	FCC Limit (dBm)
		ANT1	ANT2	Total		
802.11a	5180	23.01	23.24	26.14	3.00	≤30.00
	5200	24.82	24.74	27.79	3.00	≤30.00
	5240	24.29	24.29	27.30	3.00	≤30.00
	5260	18.27	18.42	21.36	3.00	≤24.00
	5280	18.63	18.58	21.62	3.00	≤24.00
	5320	18.53	18.69	21.62	3.00	≤24.00
	5500	18.48	18.63	21.57	3.00	≤24.00
	5580	18.69	18.55	21.63	3.00	≤24.00
	5700	18.41	18.62	21.53	3.00	≤24.00
	5720-2C	17.21	17.65	20.45	3.00	≤24.00
	5720-3	11.09	11.49	14.30	3.00	≤30.00
	5745	25.13	25.78	28.48	3.00	≤30.00
	5785	24.78	25.50	28.17	3.00	≤30.00
	5825	25.20	24.90	28.06	3.00	≤30.00
802.11ac VHT20	5180	22.20	22.48	25.35	3.00	≤30.00
	5200	24.69	24.89	27.80	3.00	≤30.00
	5240	24.72	24.82	27.78	3.00	≤30.00
	5260	18.92	19.03	21.99	3.00	≤24.00
	5280	19.39	19.40	22.41	3.00	≤24.00
	5320	19.12	19.01	22.08	3.00	≤24.00
	5500	19.05	19.32	22.20	3.00	≤24.00
	5580	19.39	19.16	22.29	3.00	≤24.00
	5700	18.87	18.97	21.93	3.00	≤24.00
	5720-2C	17.95	18.04	21.01	3.00	≤24.00
	5720-3	12.25	12.33	15.30	3.00	≤30.00
	5745	24.69	24.85	27.78	3.00	≤30.00
	5785	24.24	24.44	27.35	3.00	≤30.00
	5825	23.80	23.39	26.61	3.00	≤30.00
802.11ac VHT40	5190	21.85	22.20	25.04	3.00	≤30.00
	5230	23.77	24.24	27.02	3.00	≤30.00
	5270	20.40	20.62	23.52	3.00	≤24.00
	5310	20.45	20.18	23.33	3.00	≤24.00
	5510	20.42	20.65	23.55	3.00	≤24.00
	5550	20.47	20.56	23.53	3.00	≤24.00
	5670	20.59	20.65	23.63	3.00	≤24.00
	5710-2C	20.34	20.29	23.33	3.00	≤24.00

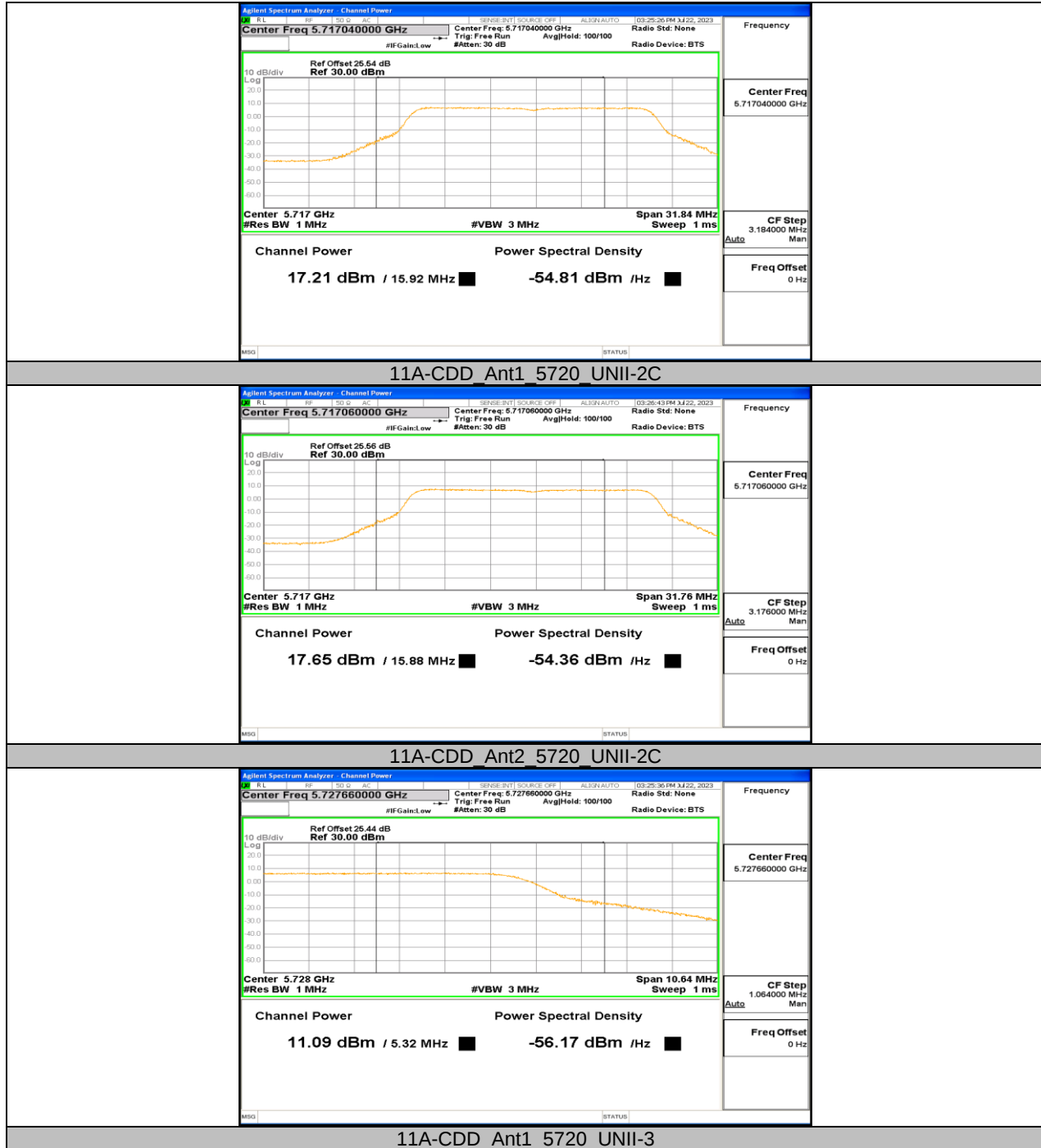
	5710-3	9.95	9.74	12.86	3.00	≤30.00
	5755	22.00	21.95	24.99	3.00	≤30.00
	5795	23.15	23.61	26.40	3.00	≤30.00
802.11ac VHT80	5210	20.78	21.24	24.03	3.00	≤30.00
	5290	20.80	20.64	23.73	3.00	≤24.00
	5530	20.36	20.58	23.48	3.00	≤24.00
	5610	20.85	20.43	23.66	3.00	≤24.00
	5690-2C	20.09	20.14	23.13	3.00	≤24.00
	5690-3	6.11	5.84	8.99	3.00	≤30.00
	5775	21.86	22.40	25.15	3.00	≤30.00
802.11ac VHT160	5250-1	16.83	17.35	20.11	3.00	≤30.00
	5250-2	16.45	16.77	19.62	3.00	≤24.00
	5570	18.87	19.29	22.10	3.00	≤24.00
802.11be EHT20	5180	22.33	22.49	25.42	3.00	≤30.00
	5200	24.69	24.37	27.54	3.00	≤30.00
	5240	25.16	25.07	28.13	3.00	≤30.00
	5260	18.92	19.02	21.98	3.00	≤24.00
	5280	18.87	18.90	21.90	3.00	≤24.00
	5320	19.16	19.28	22.23	3.00	≤24.00
	5500	18.97	19.32	22.16	3.00	≤24.00
	5580	19.33	19.27	22.31	3.00	≤24.00
	5700	19.14	19.11	22.14	3.00	≤24.00
	5720-2a	17.71	18.00	20.87	3.00	≤24.00
	5720-2c	12.55	12.85	15.71	3.00	≤30.00
	5745	25.30	25.80	28.57	3.00	≤30.00
	5785	24.98	25.67	28.35	3.00	≤30.00
	5825	23.52	23.12	26.33	3.00	≤30.00
802.11be EHT40	5190	22.35	22.80	25.59	3.00	≤30.00
	5230	22.77	23.78	26.31	3.00	≤30.00
	5270	20.18	20.51	23.36	3.00	≤24.00
	5310	20.33	20.05	23.20	3.00	≤24.00
	5510	20.19	20.47	23.34	3.00	≤24.00
	5550	20.47	20.25	23.37	3.00	≤24.00
	5670	20.63	20.59	23.62	3.00	≤24.00
	5710-2a	20.45	20.44	23.45	3.00	≤24.00
	5710-2c	11.01	10.74	13.89	3.00	≤30.00
	5755	23.43	23.49	26.47	3.00	≤30.00
	5795	22.94	23.44	26.21	3.00	≤30.00
802.11be EHT80	5210	20.01	20.71	23.38	3.00	≤30.00
	5290	20.62	20.67	23.66	3.00	≤24.00
	5530	20.15	20.43	23.30	3.00	≤24.00

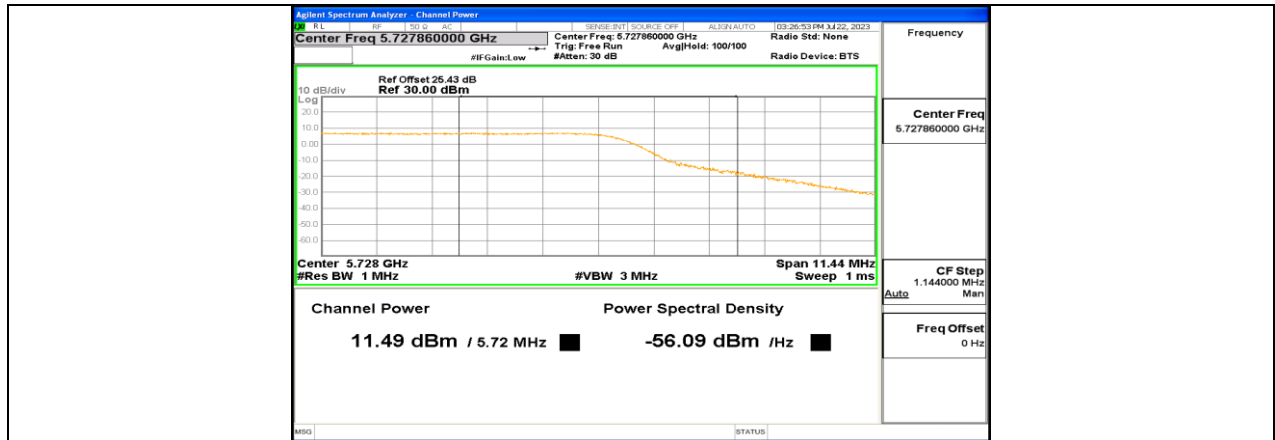
	5610	20.72	20.24	23.50	3.00	≤24.00
	5690-2c	20.10	20.01	23.07	3.00	≤24.00
	5690-3	7.17	6.80	10.00	3.00	≤30.00
	5775	21.76	22.27	25.03	3.00	≤30.00
802.11be EHT160	5250-1	16.40	16.89	19.66	3.00	≤30.00
	5250-2	16.58	16.75	19.68	3.00	≤24.00
	5570	19.75	20.34	23.07	3.00	≤24.00
802.11be EHT240	5610-2c	13.92	13.70	16.82	3.00	≤24.00
	5610-3	-3.62	-3.51	-0.55	3.00	≤30.00

Note: 1. Conducted Power=Meas. Level+ Correction Factor

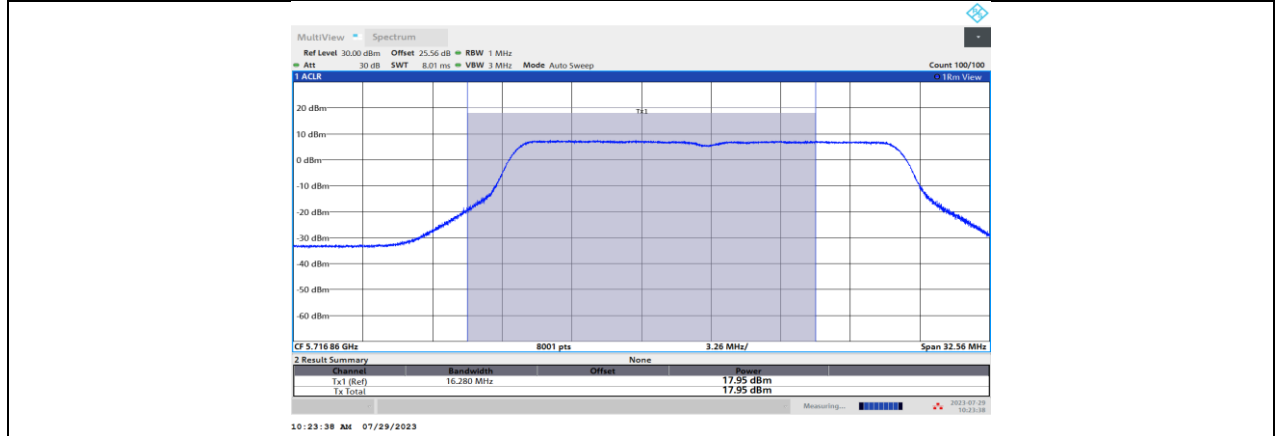
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. FCC CDD Mode Test Graphs

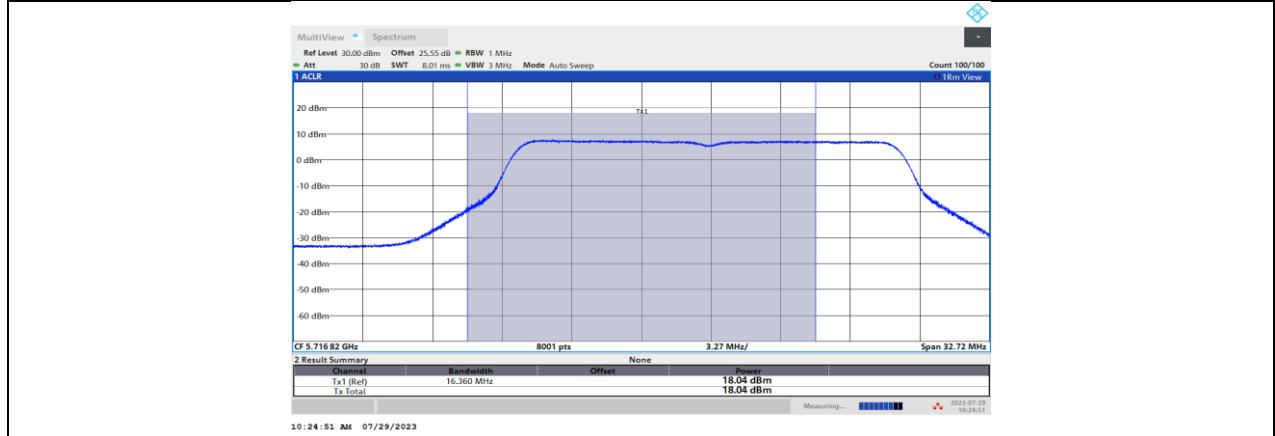




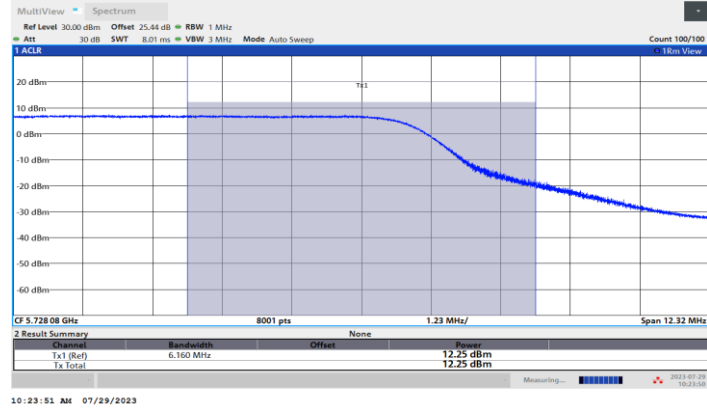
11A-CDD_Ant2_5720_UNII-3



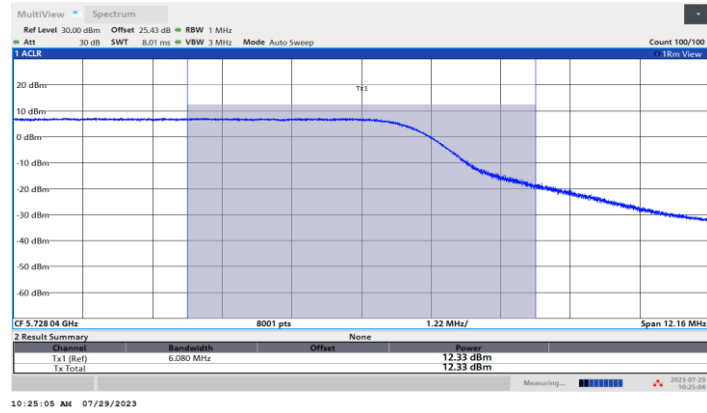
11AC20MIMO_Ant1_5720_UNII-2C



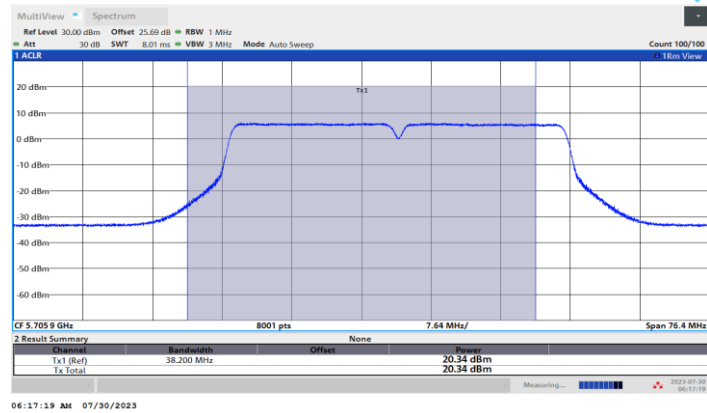
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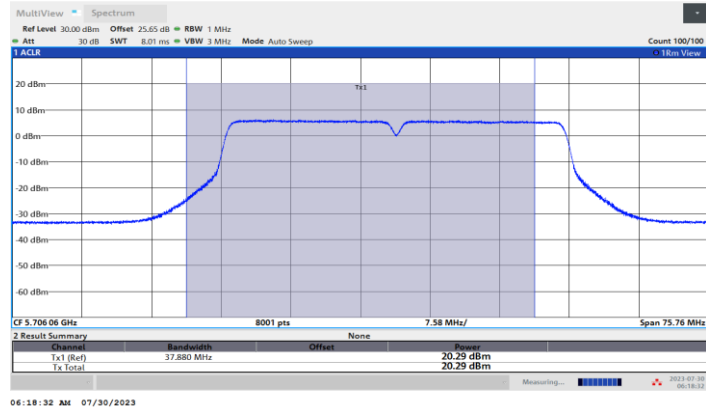
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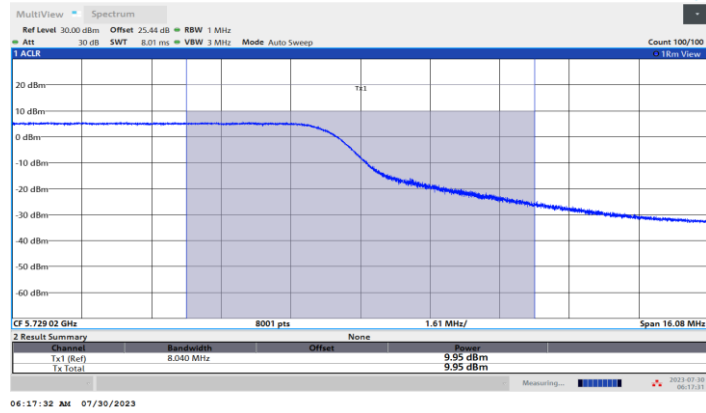
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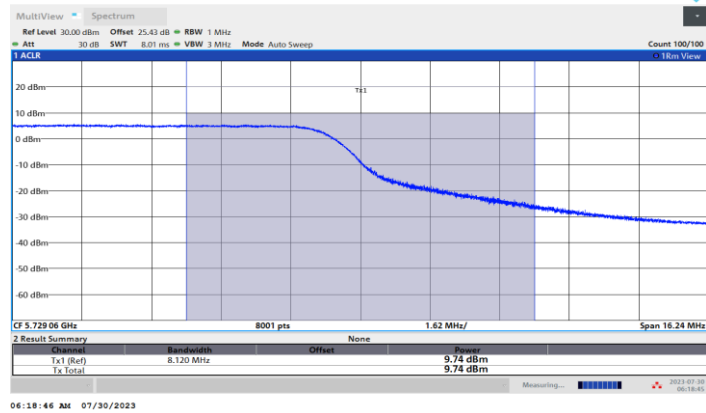
11AC40MIMO_Ant1_5710_UNII-2C



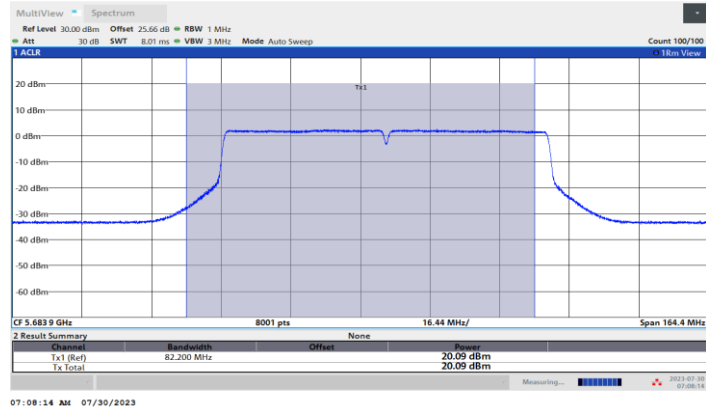
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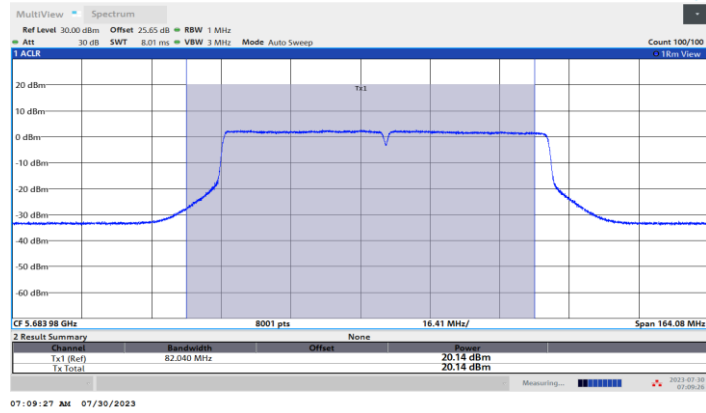
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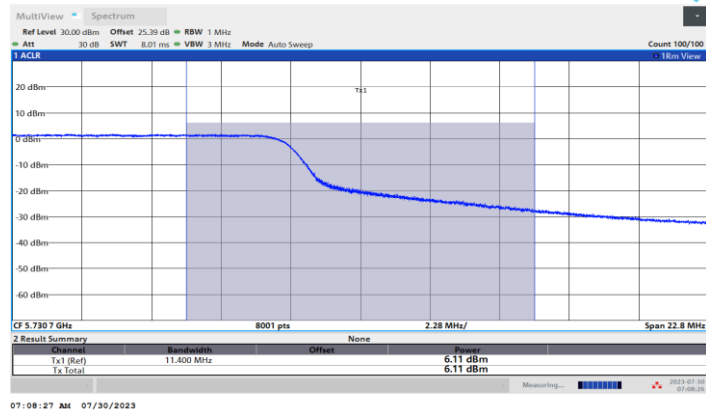
11AC40MIMO_Ant2_5710_UNII-3



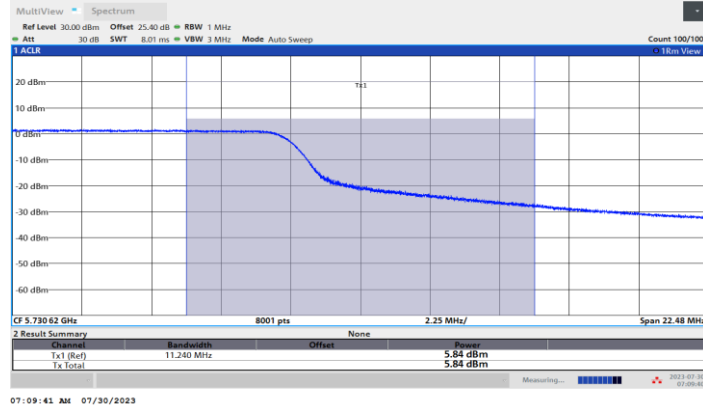
11AC80MIMO_Ant1_5690_UNII-2C



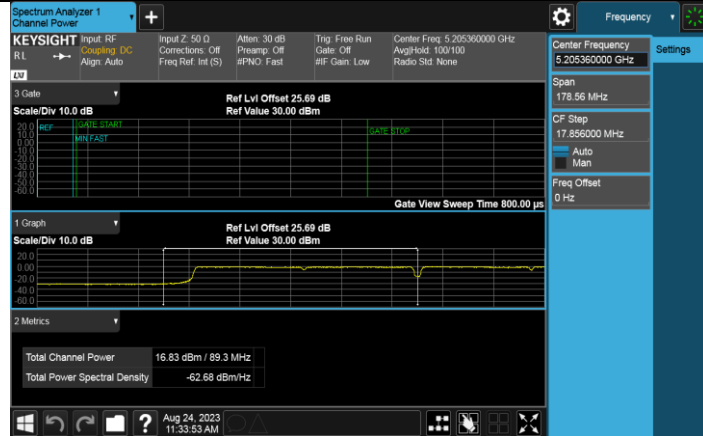
11AC80MIMO_Ant2_5690_UNII-2C



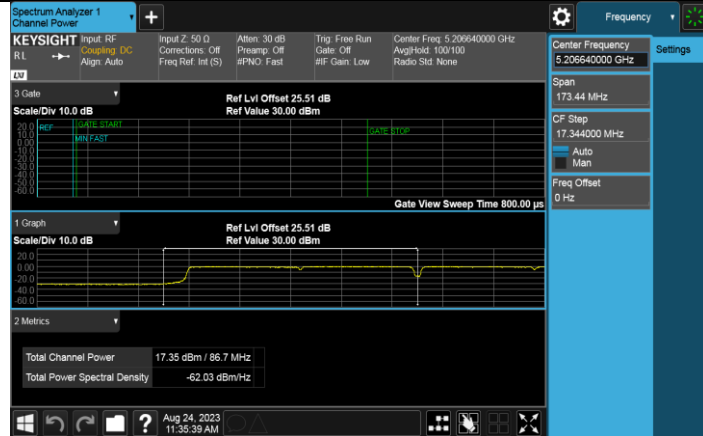
11AC80MIMO_Ant1_5690_UNII-3



11AC80MIMO Ant2 5690 UNII-3

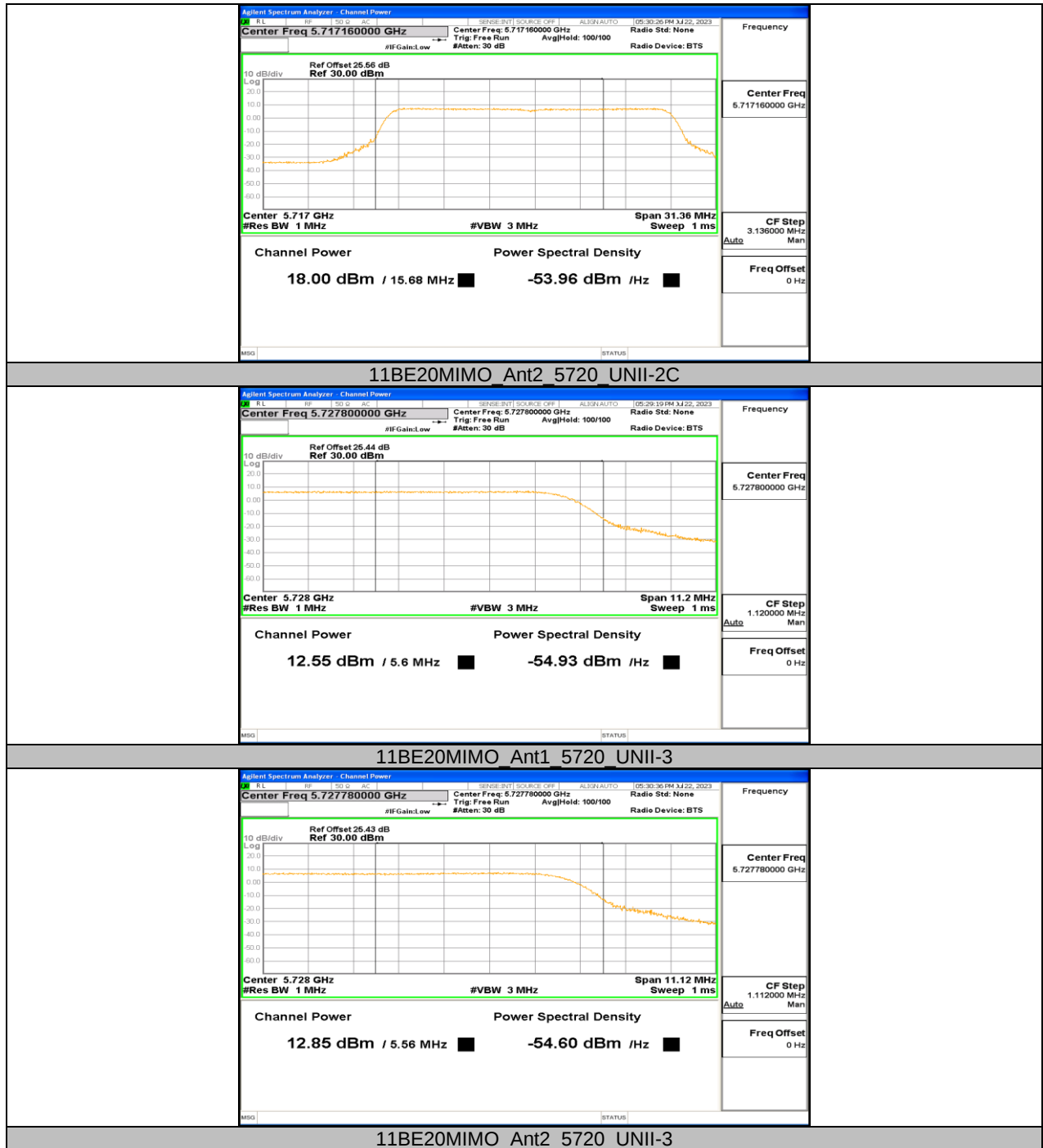


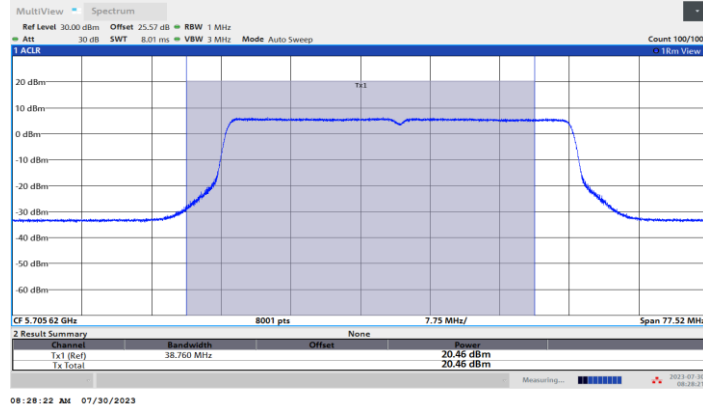
11AC160MIMO Ant1 5250 UNII-1



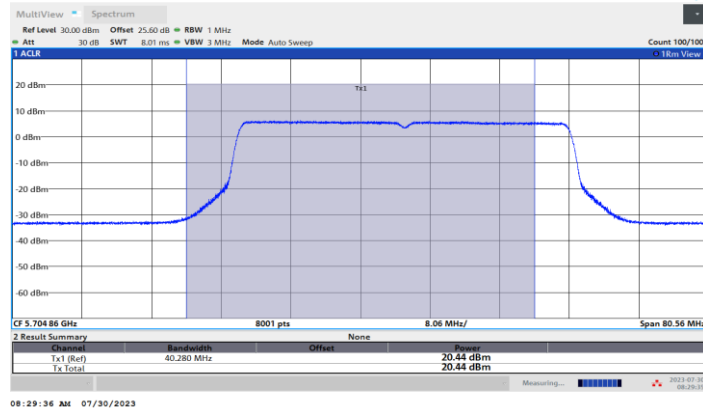
11AC160MIMO Ant2 5250 UNII-1



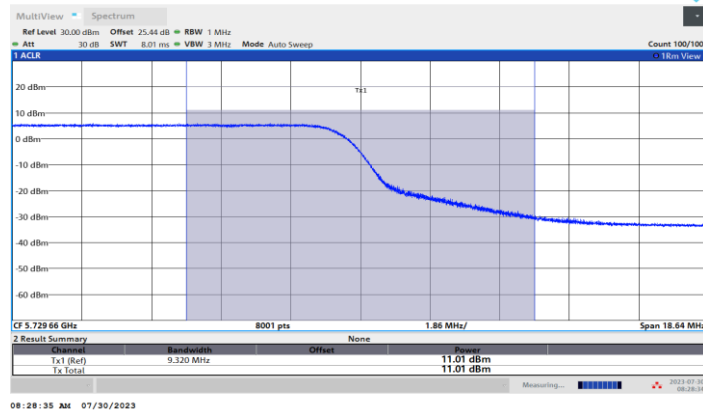




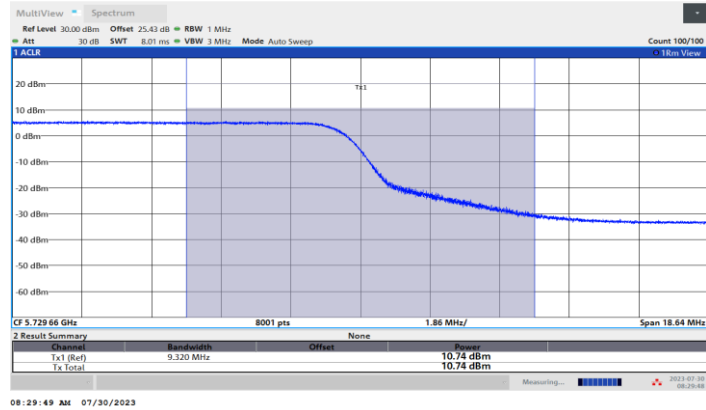
11BE40MIMO_Ant1_5710_UNII-2C



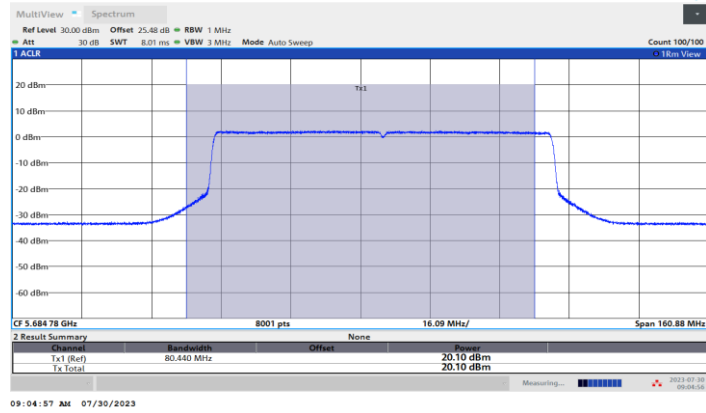
11BE40MIMO_Ant2_5710_UNII-2C



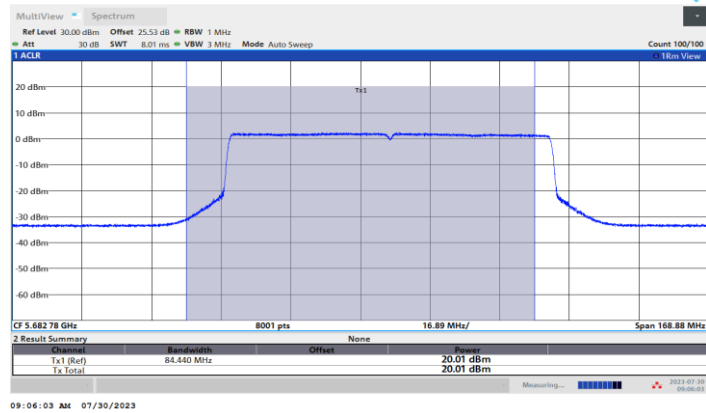
11BE40MIMO_Ant1_5710_UNII-3



11BE40MIMO_Ant2_5710_UNII-3



11BE80MIMO_Ant1_5690_UNII-2C



11BE80MIMO_Ant2_5690_UNII-2C