

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 615 of 786

802.11n (HT40)	MIMO	5785	/	/	40	120	5745.020	5725 to 5850	Pass
					50	120	5745.020	5725 to 5850	Pass
					20	102	5785.040	5725 to 5850	Pass
						120	5784.980	5725 to 5850	Pass
						138	5784.940	5725 to 5850	Pass
					-30	120	5785.000	5725 to 5850	Pass
					-20	120	5785.000	5725 to 5850	Pass
					-10	120	5785.040	5725 to 5850	Pass
					0	120	5784.940	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass
					30	120	5785.000	5725 to 5850	Pass
					40	120	5785.100	5725 to 5850	Pass
					50	120	5785.020	5725 to 5850	Pass
		5825	/	/	20	102	5825.020	5725 to 5850	Pass
						120	5825.020	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5825.020	5725 to 5850	Pass
					-20	120	5824.980	5725 to 5850	Pass
					-10	120	5825.020	5725 to 5850	Pass
					0	120	5825.060	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5824.960	5725 to 5850	Pass
					50	120	5825.020	5725 to 5850	Pass
		5190	/	/	20	102	5190.080	5150 to 5250	Pass
						120	5190.000	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass
					-30	120	5190.080	5150 to 5250	Pass
					-20	120	5190.120	5150 to 5250	Pass
					-10	120	5190.040	5150 to 5250	Pass
					0	120	5190.080	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.080	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
					50	120	5190.040	5150 to 5250	Pass
		5230	/	/	20	102	5230.080	5150 to 5250	Pass
						120	5230.120	5150 to 5250	Pass
						138	5230.040	5150 to 5250	Pass
					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass



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Shenzhen Branch Testing & Calibration Laboratory

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 616 of 786

					-10	120	5230.120	5150 to 5250	Pass
					0	120	5230.160	5150 to 5250	Pass
					10	120	5230.120	5150 to 5250	Pass
					30	120	5230.160	5150 to 5250	Pass
					40	120	5230.120	5150 to 5250	Pass
					50	120	5230.120	5150 to 5250	Pass
		5755	/	/	20	102	5755.040	5725 to 5850	Pass
						120	5755.120	5725 to 5850	Pass
						138	5755.080	5725 to 5850	Pass
					-30	120	5755.040	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.000	5725 to 5850	Pass
					0	120	5755.160	5725 to 5850	Pass
					10	120	5755.040	5725 to 5850	Pass
					30	120	5755.040	5725 to 5850	Pass
					40	120	5755.000	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	/	/	20	102	5795.040	5725 to 5850	Pass
						120	5795.040	5725 to 5850	Pass
						138	5795.000	5725 to 5850	Pass
					-30	120	5795.080	5725 to 5850	Pass
					-20	120	5795.040	5725 to 5850	Pass
					-10	120	5795.120	5725 to 5850	Pass
					0	120	5795.040	5725 to 5850	Pass
					10	120	5795.000	5725 to 5850	Pass
					30	120	5795.040	5725 to 5850	Pass
					40	120	5795.080	5725 to 5850	Pass
					50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT20)	MIMO	5180	/	/	20	102	5180.020	5150 to 5250	Pass
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						138	5180.040	5150 to 5250	Pass
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					30	120	5179.980	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5180.000	5150 to 5250	Pass
		5200	/	/	20	102	5200.000	5150 to 5250	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 617 of 786

						120	5200.020	5150 to 5250	Pass
						138	5200.000	5150 to 5250	Pass
					-30	120	5200.060	5150 to 5250	Pass
					-20	120	5200.060	5150 to 5250	Pass
					-10	120	5200.020	5150 to 5250	Pass
					0	120	5200.020	5150 to 5250	Pass
					10	120	5200.040	5150 to 5250	Pass
					30	120	5200.080	5150 to 5250	Pass
					40	120	5200.040	5150 to 5250	Pass
					50	120	5200.020	5150 to 5250	Pass
		5240	/	/	20	102	5240.060	5150 to 5250	Pass
						120	5240.020	5150 to 5250	Pass
						138	5240.080	5150 to 5250	Pass
					-30	120	5240.060	5150 to 5250	Pass
					-20	120	5240.020	5150 to 5250	Pass
					-10	120	5240.060	5150 to 5250	Pass
					0	120	5240.000	5150 to 5250	Pass
					10	120	5240.000	5150 to 5250	Pass
					30	120	5240.020	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5240.080	5150 to 5250	Pass
		5745	/	/	20	102	5745.000	5725 to 5850	Pass
						120	5745.000	5725 to 5850	Pass
						138	5745.040	5725 to 5850	Pass
					-30	120	5745.000	5725 to 5850	Pass
					-20	120	5745.000	5725 to 5850	Pass
					-10	120	5745.080	5725 to 5850	Pass
					0	120	5745.020	5725 to 5850	Pass
					10	120	5745.040	5725 to 5850	Pass
					30	120	5745.040	5725 to 5850	Pass
					40	120	5744.960	5725 to 5850	Pass
					50	120	5745.060	5725 to 5850	Pass
		5785	/	/	20	102	5785.000	5725 to 5850	Pass
						120	5784.980	5725 to 5850	Pass
						138	5785.000	5725 to 5850	Pass
					-30	120	5785.060	5725 to 5850	Pass
					-20	120	5785.020	5725 to 5850	Pass
					-10	120	5785.060	5725 to 5850	Pass
					0	120	5784.980	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 618 of 786

		5825	/	/	30	120	5785.020	5725 to 5850	Pass
					40	120	5785.020	5725 to 5850	Pass
					50	120	5785.020	5725 to 5850	Pass
					20	102	5825.020	5725 to 5850	Pass
						120	5824.980	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5824.980	5725 to 5850	Pass
					-20	120	5824.980	5725 to 5850	Pass
					-10	120	5825.000	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5824.980	5725 to 5850	Pass
					30	120	5825.020	5725 to 5850	Pass
					40	120	5824.980	5725 to 5850	Pass
					50	120	5824.980	5725 to 5850	Pass
802.11ac (VHT40)	MIMO	5190	/	/	20	102	5190.080	5150 to 5250	Pass
						120	5190.120	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass
					-30	120	5190.120	5150 to 5250	Pass
					-20	120	5190.080	5150 to 5250	Pass
					-10	120	5190.080	5150 to 5250	Pass
					0	120	5190.080	5150 to 5250	Pass
					10	120	5190.040	5150 to 5250	Pass
					30	120	5190.040	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
		5230	/	/	50	120	5190.040	5150 to 5250	Pass
					20	102	5230.120	5150 to 5250	Pass
						120	5230.120	5150 to 5250	Pass
						138	5230.200	5150 to 5250	Pass
					-30	120	5230.040	5150 to 5250	Pass
					-20	120	5230.160	5150 to 5250	Pass
					-10	120	5230.120	5150 to 5250	Pass
					0	120	5230.080	5150 to 5250	Pass
					10	120	5230.160	5150 to 5250	Pass
					30	120	5230.120	5150 to 5250	Pass
					40	120	5230.080	5150 to 5250	Pass
					50	120	5230.200	5150 to 5250	Pass
		5755	/	/	20	102	5755.200	5725 to 5850	Pass
						120	5755.200	5725 to 5850	Pass
						138	5755.160	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 619 of 786

802.11ac (VHT80)	MIMO	5795	/	/	-20	120	5755.120	5725 to 5850	Pass
					-10	120	5755.120	5725 to 5850	Pass
					0	120	5755.080	5725 to 5850	Pass
					10	120	5755.080	5725 to 5850	Pass
					30	120	5755.200	5725 to 5850	Pass
					40	120	5755.160	5725 to 5850	Pass
					50	120	5755.240	5725 to 5850	Pass
		5210	/	/	20	102	5795.040	5725 to 5850	Pass
						120	5795.120	5725 to 5850	Pass
						138	5795.040	5725 to 5850	Pass
					-30	120	5795.120	5725 to 5850	Pass
					-20	120	5795.040	5725 to 5850	Pass
					-10	120	5795.080	5725 to 5850	Pass
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					50	120	5210.225	5150 to 5250	Pass
		5775	/	/	20	102	5775.150	5725 to 5850	Pass
						120	5775.150	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
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					30	120	5775.075	5725 to 5850	Pass
					40	120	5774.925	5725 to 5850	Pass
					50	120	5775.075	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 620 of 786

802.11ax (HEW20)	MIMO	5180	RU242	Left	20	102	5180.020	5150 to 5250	Pass
						120	5180.040	5150 to 5250	Pass
						138	5180.100	5150 to 5250	Pass
					-30	120	5179.980	5150 to 5250	Pass
					-20	120	5180.040	5150 to 5250	Pass
					-10	120	5179.980	5150 to 5250	Pass
					0	120	5180.060	5150 to 5250	Pass
					10	120	5180.040	5150 to 5250	Pass
					30	120	5179.940	5150 to 5250	Pass
					40	120	5180.080	5150 to 5250	Pass
					50	120	5180.060	5150 to 5250	Pass
		5200	RU242	Left	20	102	5200.100	5150 to 5250	Pass
						120	5200.020	5150 to 5250	Pass
						138	5200.020	5150 to 5250	Pass
					-30	120	5200.000	5150 to 5250	Pass
					-20	120	5200.060	5150 to 5250	Pass
					-10	120	5200.000	5150 to 5250	Pass
					0	120	5200.080	5150 to 5250	Pass
					10	120	5200.060	5150 to 5250	Pass
					30	120	5200.080	5150 to 5250	Pass
					40	120	5200.040	5150 to 5250	Pass
					50	120	5200.060	5150 to 5250	Pass
		5240	RU242	Left	20	102	5240.100	5150 to 5250	Pass
						120	5239.980	5150 to 5250	Pass
						138	5240.080	5150 to 5250	Pass
					-30	120	5239.980	5150 to 5250	Pass
					-20	120	5240.060	5150 to 5250	Pass
					-10	120	5240.100	5150 to 5250	Pass
					0	120	5240.160	5150 to 5250	Pass
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					50	120	5240.000	5150 to 5250	Pass
		5745	RU242	Left	20	102	5744.920	5725 to 5850	Pass
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						138	5744.960	5725 to 5850	Pass
					-30	120	5745.060	5725 to 5850	Pass
					-20	120	5745.020	5725 to 5850	Pass
					-10	120	5745.000	5725 to 5850	Pass
					0	120	5745.040	5725 to 5850	Pass



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Shenzhen Branch (SZEMC) Laboratory

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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 621 of 786

					10	120	5744.960	5725 to 5850	Pass
					30	120	5744.960	5725 to 5850	Pass
					40	120	5744.980	5725 to 5850	Pass
					50	120	5745.020	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.000	5725 to 5850	Pass
						120	5785.040	5725 to 5850	Pass
						138	5785.020	5725 to 5850	Pass
					-30	120	5785.060	5725 to 5850	Pass
					-20	120	5784.960	5725 to 5850	Pass
					-10	120	5784.960	5725 to 5850	Pass
					0	120	5785.000	5725 to 5850	Pass
					10	120	5785.020	5725 to 5850	Pass
					30	120	5785.020	5725 to 5850	Pass
					40	120	5785.060	5725 to 5850	Pass
					50	120	5785.000	5725 to 5850	Pass
		5825	RU242	Left	20	102	5824.980	5725 to 5850	Pass
						120	5825.000	5725 to 5850	Pass
						138	5825.060	5725 to 5850	Pass
					-30	120	5825.000	5725 to 5850	Pass
					-20	120	5825.000	5725 to 5850	Pass
					-10	120	5824.980	5725 to 5850	Pass
					0	120	5825.020	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5824.940	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5824.980	5725 to 5850	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	20	102	5190.080	5150 to 5250	Pass
						120	5190.120	5150 to 5250	Pass
						138	5190.120	5150 to 5250	Pass
					-30	120	5190.080	5150 to 5250	Pass
					-20	120	5190.080	5150 to 5250	Pass
					-10	120	5190.120	5150 to 5250	Pass
					0	120	5190.080	5150 to 5250	Pass
					10	120	5190.080	5150 to 5250	Pass
					30	120	5190.120	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
					50	120	5190.120	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.120	5150 to 5250	Pass
						120	5230.080	5150 to 5250	Pass
						138	5230.080	5150 to 5250	Pass



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 622 of 786

					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.080	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass
					0	120	5230.200	5150 to 5250	Pass
					10	120	5230.040	5150 to 5250	Pass
					30	120	5230.120	5150 to 5250	Pass
					40	120	5230.040	5150 to 5250	Pass
					50	120	5230.200	5150 to 5250	Pass
		5755	RU484	Left	20	102	5755.120	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.080	5725 to 5850	Pass
					-30	120	5755.040	5725 to 5850	Pass
					-20	120	5755.000	5725 to 5850	Pass
					-10	120	5754.960	5725 to 5850	Pass
					0	120	5755.040	5725 to 5850	Pass
					10	120	5755.040	5725 to 5850	Pass
					30	120	5755.040	5725 to 5850	Pass
					40	120	5755.040	5725 to 5850	Pass
					50	120	5755.080	5725 to 5850	Pass
		5795	RU484	Left	20	102	5795.040	5725 to 5850	Pass
						120	5795.000	5725 to 5850	Pass
						138	5795.040	5725 to 5850	Pass
					-30	120	5795.040	5725 to 5850	Pass
					-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.040	5725 to 5850	Pass
					0	120	5795.040	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.000	5725 to 5850	Pass
					40	120	5795.000	5725 to 5850	Pass
					50	120	5795.000	5725 to 5850	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	20	102	5210.226	5150 to 5250	Pass
						120	5210.075	5150 to 5250	Pass
						138	5210.151	5150 to 5250	Pass
					-30	120	5210.075	5150 to 5250	Pass
					-20	120	5210.075	5150 to 5250	Pass
					-10	120	5210.150	5150 to 5250	Pass
					0	120	5210.075	5150 to 5250	Pass
					10	120	5210.075	5150 to 5250	Pass
					30	120	5210.075	5150 to 5250	Pass
					40	120	5210.075	5150 to 5250	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 623 of 786

		5775	RU996	Left	50	120	5210.150	5150 to 5250	Pass
					20	102	5775.075	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
						138	5775.000	5725 to 5850	Pass
					-30	120	5775.075	5725 to 5850	Pass
					-20	120	5775.075	5725 to 5850	Pass
					-10	120	5775.075	5725 to 5850	Pass
					0	120	5775.000	5725 to 5850	Pass
					10	120	5775.075	5725 to 5850	Pass
					30	120	5775.075	5725 to 5850	Pass
					40	120	5775.075	5725 to 5850	Pass
					50	120	5775.075	5725 to 5850	Pass
802.11be (EHT20)	MIMO	5180	RU242	Left	20	102	5179.960	5150 to 5250	Pass
						120	5180.000	5150 to 5250	Pass
						138	5180.020	5150 to 5250	Pass
					-30	120	5180.000	5150 to 5250	Pass
					-20	120	5179.940	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250	Pass
					0	120	5180.000	5150 to 5250	Pass
					10	120	5180.020	5150 to 5250	Pass
					30	120	5180.060	5150 to 5250	Pass
					40	120	5180.020	5150 to 5250	Pass
					50	120	5179.960	5150 to 5250	Pass
		5200	RU242	Left	20	102	5200.080	5150 to 5250	Pass
						120	5200.040	5150 to 5250	Pass
						138	5200.060	5150 to 5250	Pass
					-30	120	5200.000	5150 to 5250	Pass
					-20	120	5200.080	5150 to 5250	Pass
					-10	120	5199.980	5150 to 5250	Pass
					0	120	5200.040	5150 to 5250	Pass
					10	120	5200.060	5150 to 5250	Pass
					30	120	5199.980	5150 to 5250	Pass
					40	120	5199.980	5150 to 5250	Pass
					50	120	5200.040	5150 to 5250	Pass
		5240	RU242	Left	20	102	5240.060	5150 to 5250	Pass
						120	5240.020	5150 to 5250	Pass
						138	5240.040	5150 to 5250	Pass
					-30	120	5240.000	5150 to 5250	Pass
					-20	120	5240.060	5150 to 5250	Pass
					-10	120	5240.040	5150 to 5250	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 624 of 786

					0	120	5240.120	5150 to 5250	Pass
					10	120	5240.080	5150 to 5250	Pass
					30	120	5240.060	5150 to 5250	Pass
					40	120	5240.060	5150 to 5250	Pass
					50	120	5240.080	5150 to 5250	Pass
		5745	RU242	Left	20	102	5745.080	5725 to 5850	Pass
						120	5745.000	5725 to 5850	Pass
						138	5745.060	5725 to 5850	Pass
					-30	120	5745.100	5725 to 5850	Pass
					-20	120	5745.060	5725 to 5850	Pass
					-10	120	5745.040	5725 to 5850	Pass
					0	120	5745.060	5725 to 5850	Pass
					10	120	5745.080	5725 to 5850	Pass
					30	120	5745.060	5725 to 5850	Pass
					40	120	5745.040	5725 to 5850	Pass
					50	120	5745.020	5725 to 5850	Pass
		5785	RU242	Left	20	102	5785.020	5725 to 5850	Pass
						120	5785.040	5725 to 5850	Pass
						138	5785.020	5725 to 5850	Pass
					-30	120	5785.040	5725 to 5850	Pass
					-20	120	5785.060	5725 to 5850	Pass
					-10	120	5785.000	5725 to 5850	Pass
					0	120	5785.040	5725 to 5850	Pass
					10	120	5785.040	5725 to 5850	Pass
					30	120	5785.060	5725 to 5850	Pass
					40	120	5785.100	5725 to 5850	Pass
					50	120	5785.060	5725 to 5850	Pass
		5825	RU242	Left	20	102	5824.980	5725 to 5850	Pass
						120	5825.060	5725 to 5850	Pass
						138	5825.020	5725 to 5850	Pass
					-30	120	5825.000	5725 to 5850	Pass
					-20	120	5825.100	5725 to 5850	Pass
					-10	120	5824.980	5725 to 5850	Pass
					0	120	5825.100	5725 to 5850	Pass
					10	120	5825.020	5725 to 5850	Pass
					30	120	5825.040	5725 to 5850	Pass
					40	120	5825.060	5725 to 5850	Pass
					50	120	5825.020	5725 to 5850	Pass
802.11be (EHT40)	MIMO	5190	RU484	Left	20	102	5190.000	5150 to 5250	Pass
						120	5190.040	5150 to 5250	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 625 of 786

						138	5190.120	5150 to 5250	Pass
					-30	120	5190.080	5150 to 5250	Pass
					-20	120	5190.040	5150 to 5250	Pass
					-10	120	5190.040	5150 to 5250	Pass
					0	120	5190.040	5150 to 5250	Pass
					10	120	5190.040	5150 to 5250	Pass
					30	120	5190.000	5150 to 5250	Pass
					40	120	5190.040	5150 to 5250	Pass
					50	120	5190.080	5150 to 5250	Pass
		5230	RU484	Left	20	102	5230.120	5150 to 5250	Pass
						120	5230.040	5150 to 5250	Pass
						138	5230.120	5150 to 5250	Pass
					-30	120	5230.120	5150 to 5250	Pass
					-20	120	5230.120	5150 to 5250	Pass
					-10	120	5230.080	5150 to 5250	Pass
					0	120	5230.120	5150 to 5250	Pass
					10	120	5230.080	5150 to 5250	Pass
					30	120	5230.080	5150 to 5250	Pass
					40	120	5230.280	5150 to 5250	Pass
					50	120	5230.120	5150 to 5250	Pass
		5755	RU484	Left	20	102	5755.040	5725 to 5850	Pass
						120	5755.080	5725 to 5850	Pass
						138	5755.120	5725 to 5850	Pass
					-30	120	5755.120	5725 to 5850	Pass
					-20	120	5755.080	5725 to 5850	Pass
					-10	120	5755.000	5725 to 5850	Pass
					0	120	5755.080	5725 to 5850	Pass
					10	120	5755.040	5725 to 5850	Pass
					30	120	5755.120	5725 to 5850	Pass
					40	120	5755.120	5725 to 5850	Pass
					50	120	5755.160	5725 to 5850	Pass
		5795	RU484	Left	20	102	5795.080	5725 to 5850	Pass
						120	5795.040	5725 to 5850	Pass
						138	5795.080	5725 to 5850	Pass
					-30	120	5795.040	5725 to 5850	Pass
					-20	120	5795.080	5725 to 5850	Pass
					-10	120	5795.080	5725 to 5850	Pass
					0	120	5795.080	5725 to 5850	Pass
					10	120	5795.080	5725 to 5850	Pass
					30	120	5795.120	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 626 of 786

					40	120	5795.040	5725 to 5850	Pass
					50	120	5795.080	5725 to 5850	Pass
802.11be (EHT80)	MIMO	5210	RU996	Left	20	102	5210.150	5150 to 5250	Pass
						120	5210.075	5150 to 5250	Pass
						138	5210.075	5150 to 5250	Pass
					-30	120	5210.075	5150 to 5250	Pass
					-20	120	5210.150	5150 to 5250	Pass
					-10	120	5210.150	5150 to 5250	Pass
					0	120	5210.225	5150 to 5250	Pass
					10	120	5210.150	5150 to 5250	Pass
					30	120	5210.075	5150 to 5250	Pass
					40	120	5210.075	5150 to 5250	Pass
		5775	RU996	Left	50	120	5210.075	5150 to 5250	Pass
					20	102	5775.075	5725 to 5850	Pass
						120	5775.075	5725 to 5850	Pass
						138	5775.075	5725 to 5850	Pass
					-30	120	5775.075	5725 to 5850	Pass
					-20	120	5775.150	5725 to 5850	Pass
					-10	120	5775.075	5725 to 5850	Pass
					0	120	5775.075	5725 to 5850	Pass
					10	120	5775.150	5725 to 5850	Pass
					30	120	5775.150	5725 to 5850	Pass
					40	120	5775.150	5725 to 5850	Pass
					50	120	5775.075	5725 to 5850	Pass



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1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	MIMO	5260	/	/	1.980	1.992	99.40	0.03	0.03
		5300	/	/	1.977	1.993	99.20	0.04	0.03
		5320	/	/	1.977	1.993	99.20	0.04	0.00
		5500	/	/	1.977	1.993	99.20	0.04	0.03
		5580	/	/	1.977	1.993	99.20	0.04	0.03
		5700	/	/	1.977	1.992	99.25	0.03	0.00
802.11n (HT20)	MIMO	5260	/	/	5.367	5.954	90.14	0.45	9.11
		5300	/	/	5.364	5.532	96.96	0.13	2.44
		5320	/	/	5.348	5.522	96.85	0.14	2.11
		5500	/	/	5.356	5.520	97.03	0.13	2.12
		5580	/	/	5.358	5.540	96.71	0.15	2.43
		5700	/	/	5.372	5.522	97.28	0.12	2.16
802.11n (HT40)	MIMO	5270	/	/	5.388	5.562	96.87	0.14	2.25
		5310	/	/	5.332	5.506	96.84	0.14	2.12
		5510	/	/	5.388	5.570	96.73	0.14	2.09
		5550	/	/	5.388	5.570	96.73	0.14	2.24
		5670	/	/	5.402	5.561	97.14	0.13	2.24
802.11ac (VHT20)	MIMO	5260	/	/	5.368	5.662	94.81	0.23	4.64
		5300	/	/	5.354	5.508	97.20	0.12	1.94
		5320	/	/	5.354	5.536	96.71	0.15	2.07
		5500	/	/	5.361	5.544	96.70	0.15	2.44
		5580	/	/	5.378	5.947	90.43	0.44	7.41
		5700	/	/	5.360	5.498	97.49	0.11	1.62
802.11ac (VHT40)	MIMO	5270	/	/	5.338	5.520	96.70	0.15	2.08
		5310	/	/	5.336	5.518	96.70	0.15	2.11
		5510	/	/	5.406	5.576	96.95	0.13	2.42
		5550	/	/	5.406	5.574	96.99	0.13	2.39
		5670	/	/	5.392	5.556	97.05	0.13	1.92
802.11ac (VHT80)	MIMO	5290	/	/	5.361	5.531	96.93	0.14	2.41
		5530	/	/	2.748	2.922	94.05	0.27	3.61
		5610	/	/	2.748	2.931	93.76	0.28	3.59



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Report No.: SZCR230700233103

Page: 628 of 786

802.11ac (VHT160)	MIMO	5570	/	/	2.122	2.295	92.46	0.34	5.35
		5250	/	/	2.112	2.250	93.87	0.27	3.93
802.11ax (HEW20)	MIMO	5260	RU242	Left	5.279	5.447	96.92	0.14	2.49
		5300	RU242	Left	5.280	5.484	96.28	0.16	2.97
		5320	RU242	Left	5.264	5.392	97.63	0.10	1.51
		5500	RU242	Left	5.382	5.564	96.73	0.14	2.24
		5580	RU242	Left	5.398	5.968	90.45	0.44	8.82
		5700	RU242	Left	5.398	5.556	97.16	0.13	1.60
802.11ax (HEW40)	MIMO	5270	RU484	Left	5.229	5.399	96.85	0.14	2.51
		5310	RU484	Left	5.216	5.398	96.63	0.15	2.31
		5510	RU484	Left	4.665	4.849	96.21	0.17	2.62
		5550	RU484	Left	4.665	4.973	93.81	0.28	4.27
		5670	RU484	Left	4.665	4.838	96.42	0.16	2.21
802.11ax (HEW80)	MIMO	5290	RU996	Left	5.412	5.994	90.29	0.44	8.98
		5530	RU996	Left	2.270	2.453	92.54	0.34	5.40
		5610	RU996	Left	2.271	2.561	88.68	0.52	7.06
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	2.135	2.290	93.23	0.30	4.19
		5250	2xRU996	Left	2.141	2.317	92.40	0.34	5.73
802.11be (EHT20)	MIMO	5260	RU242	Left	5.382	5.563	96.75	0.14	2.36
		5300	RU242	Left	5.382	5.564	96.73	0.14	2.24
		5320	RU242	Left	5.398	5.564	97.02	0.13	2.39
		5500	RU242	Left	5.390	5.572	96.73	0.14	2.24
		5580	RU242	Left	5.390	5.562	96.91	0.14	1.88
		5700	RU242	Left	5.408	6.005	90.06	0.45	8.28
802.11be (EHT40)	MIMO	5270	RU484	Left	4.678	4.946	94.58	0.24	4.51
		5310	RU484	Left	4.665	4.847	96.25	0.17	2.55
		5510	RU484	Left	4.674	4.829	96.79	0.14	2.22
		5550	RU484	Left	4.671	4.855	96.21	0.17	2.23
		5670	RU484	Left	4.672	4.792	97.50	0.11	1.52
802.11be (EHT80)	MIMO	5290	RU996	Left	2.279	2.544	89.58	0.48	7.59
		5530	RU996	Left	2.279	2.434	93.63	0.29	3.98
		5610	RU996	Left	2.286	2.587	88.36	0.54	9.91
802.11be (EHT160)	MIMO	5570	2xRU996	Left	2.149	2.388	89.99	0.46	8.12
		5250	2xRU996	Left	2.142	2.326	92.09	0.36	5.30



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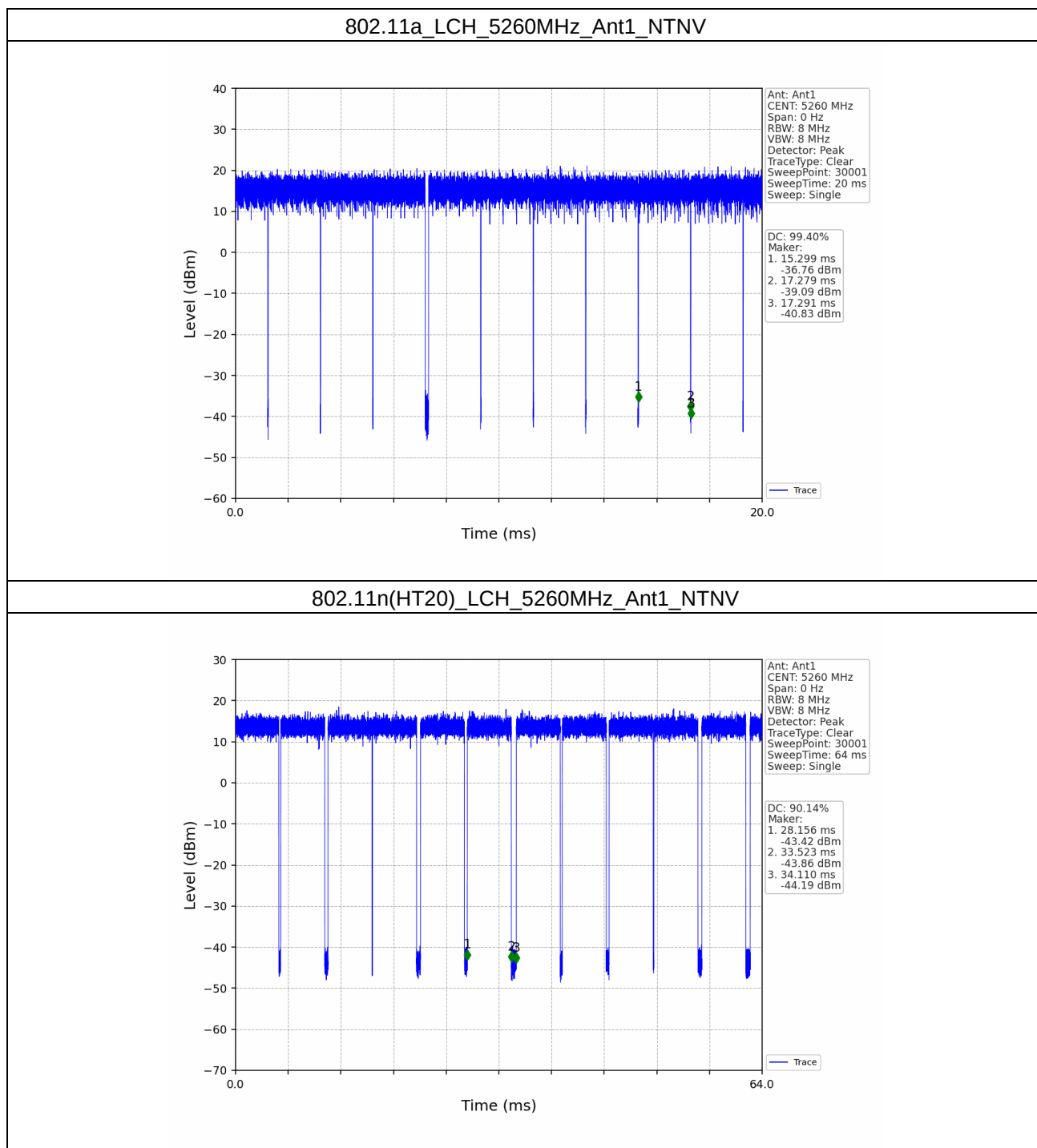
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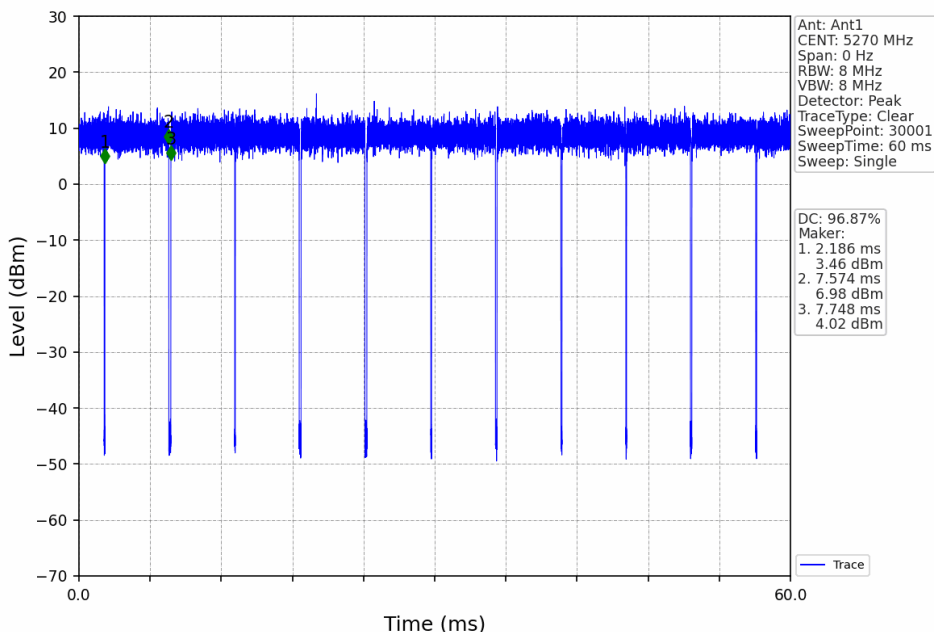
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1.2 Test Graph

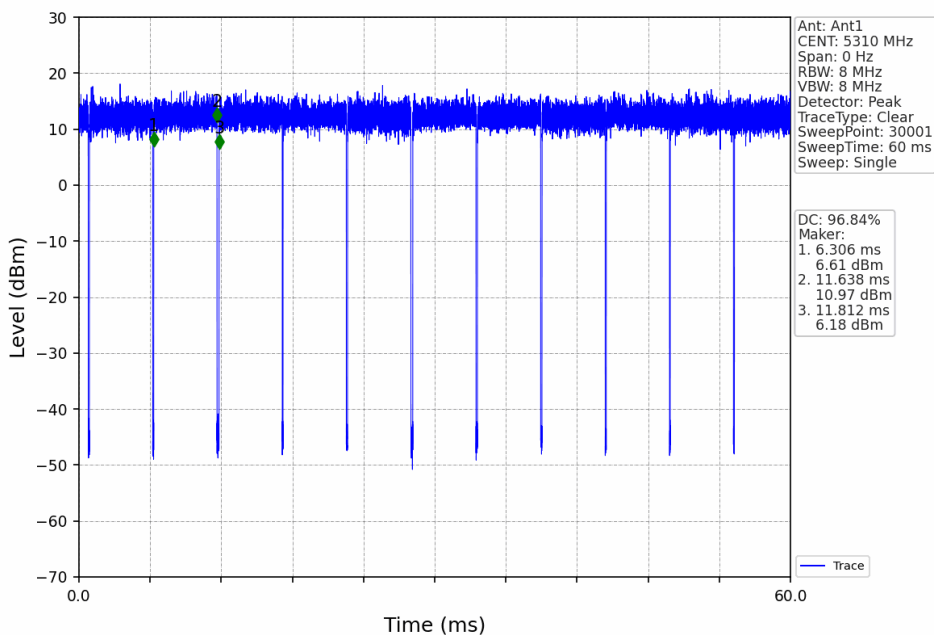
1.2.1 Ant1



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



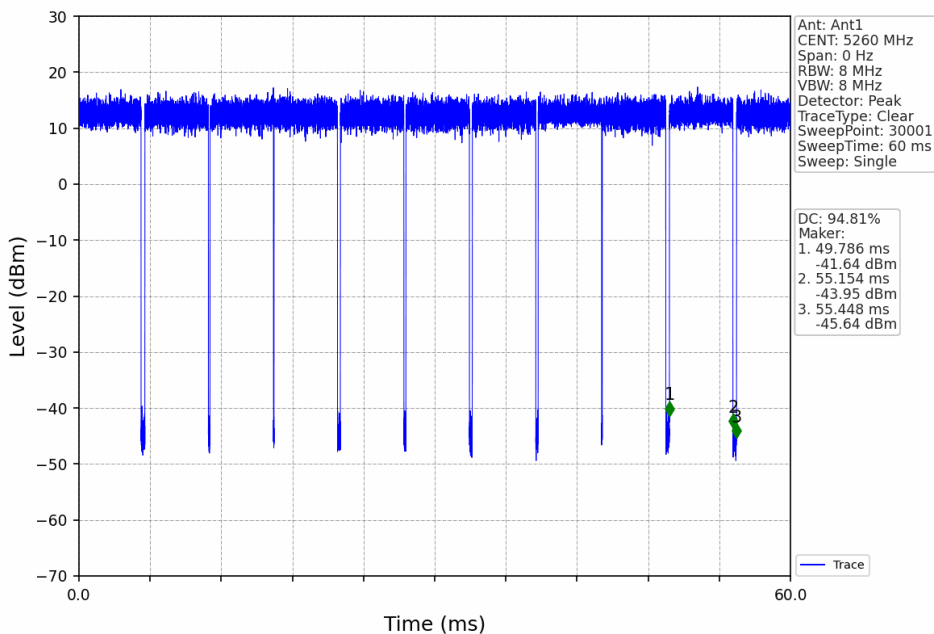
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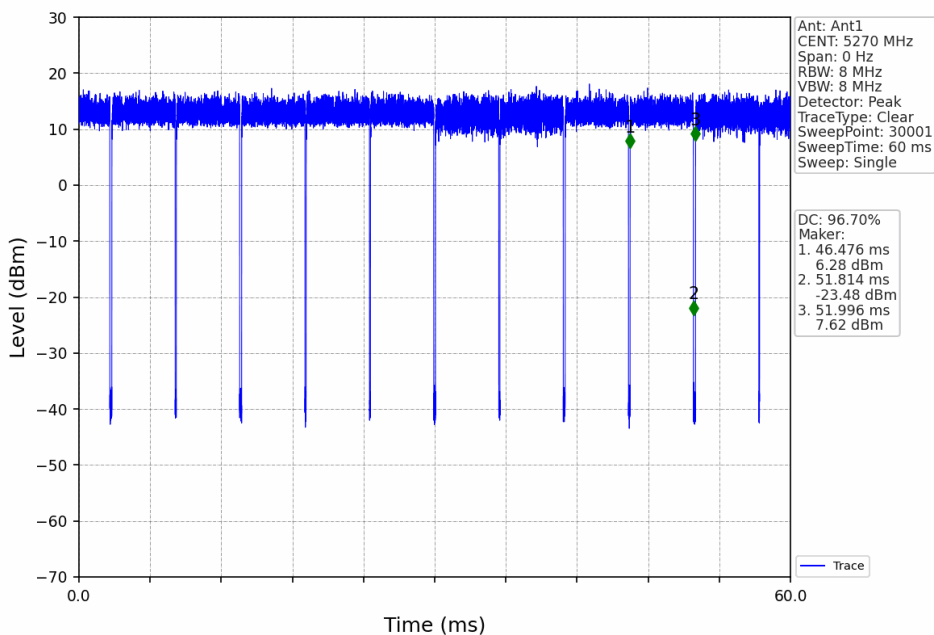
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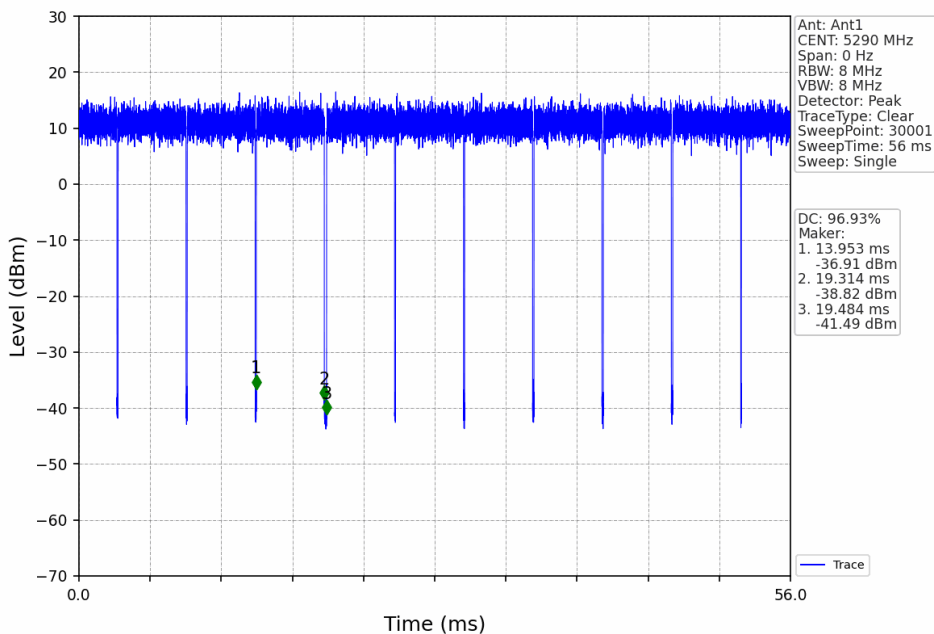
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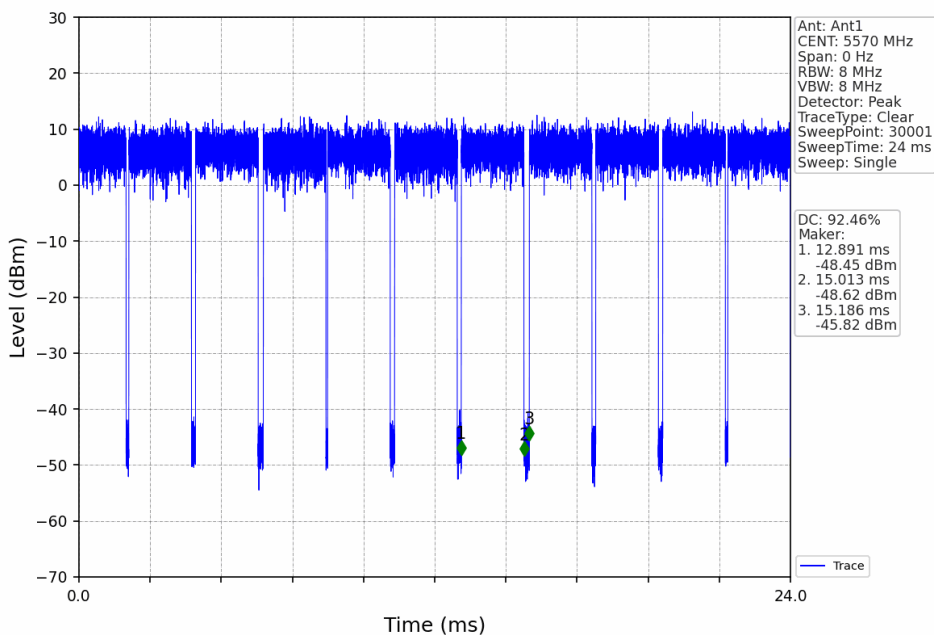
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



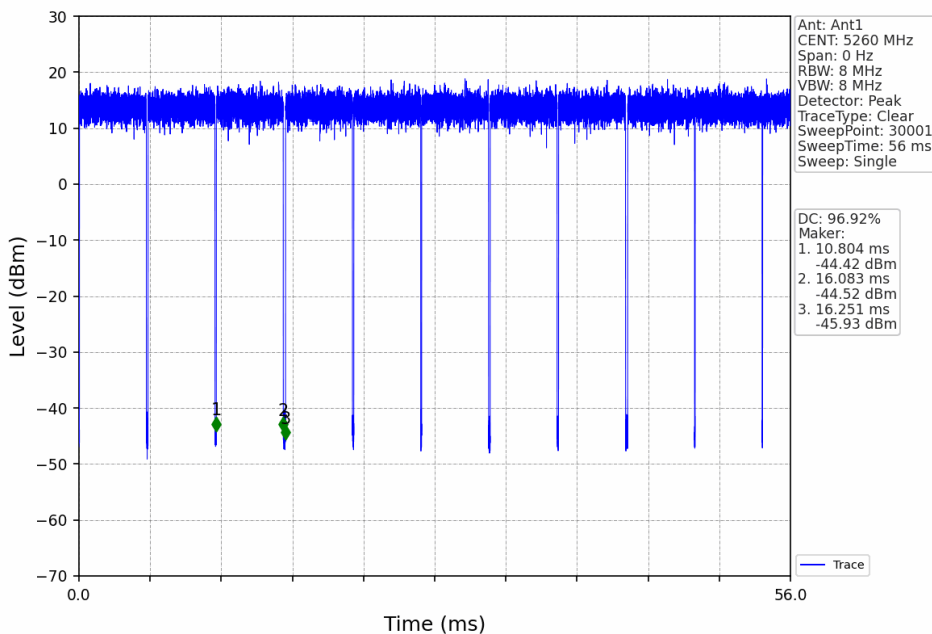
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



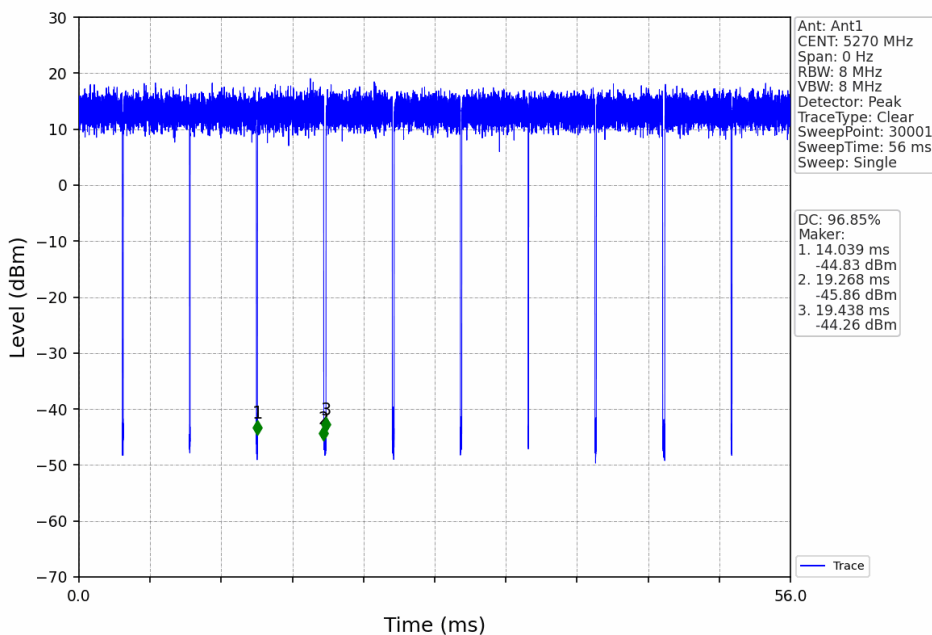
802.11ac(VHT160)_MCH_5570MHz_Ant1_NTNV



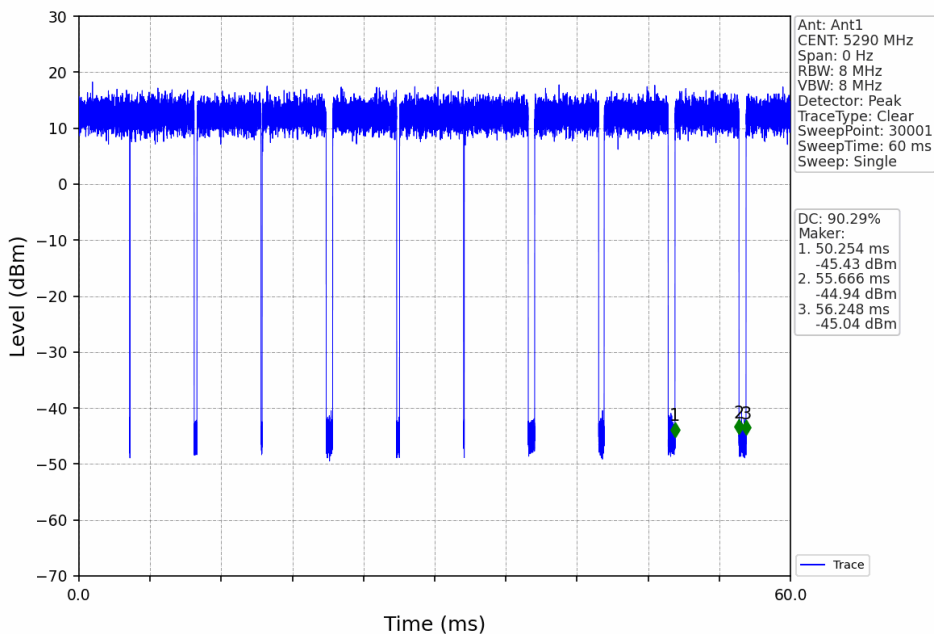
802.11ax(HEW20)_LCH_5260MHz_RU242_Left_Ant1_NTNV



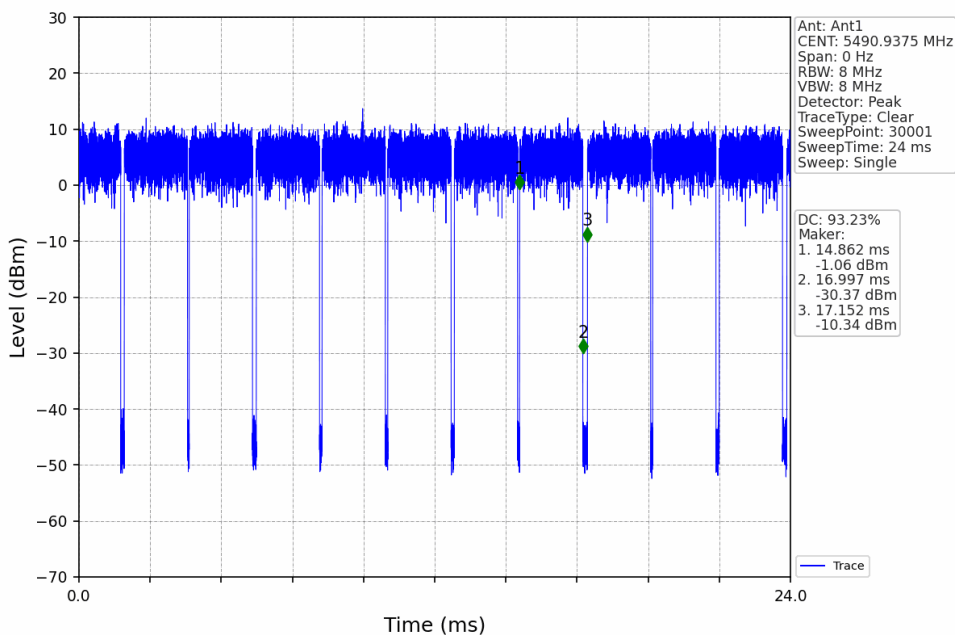
802.11ax(HEW40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5290MHz_RU996_Left_Ant1_NTNV



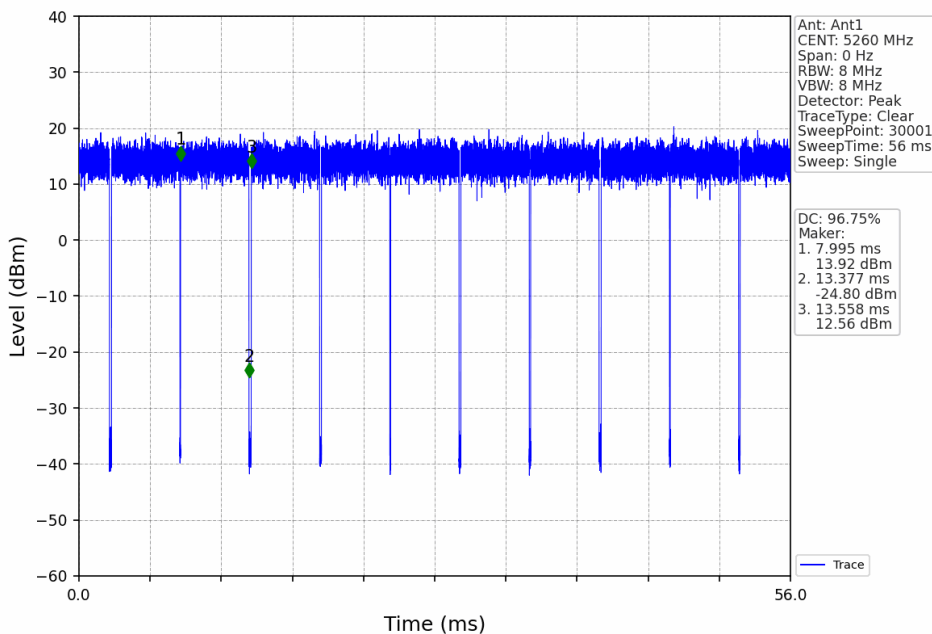
802.11ax(HEW160)_MCH_5570MHz_2xRU996_Left_Ant1_NTNV



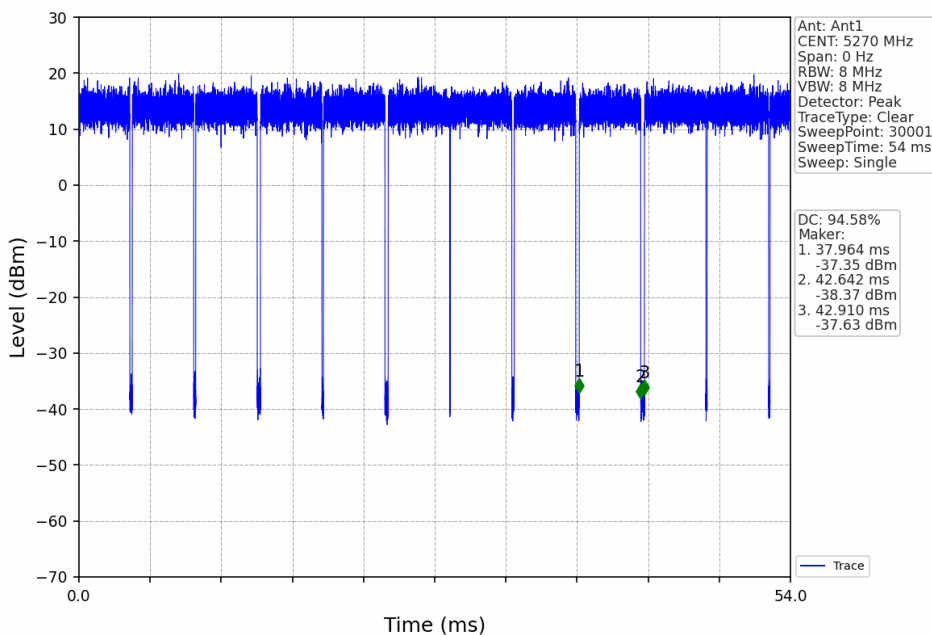
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802.11be(EHT20)_LCH_5260MHz_RU242_Left_Ant1_NTNV



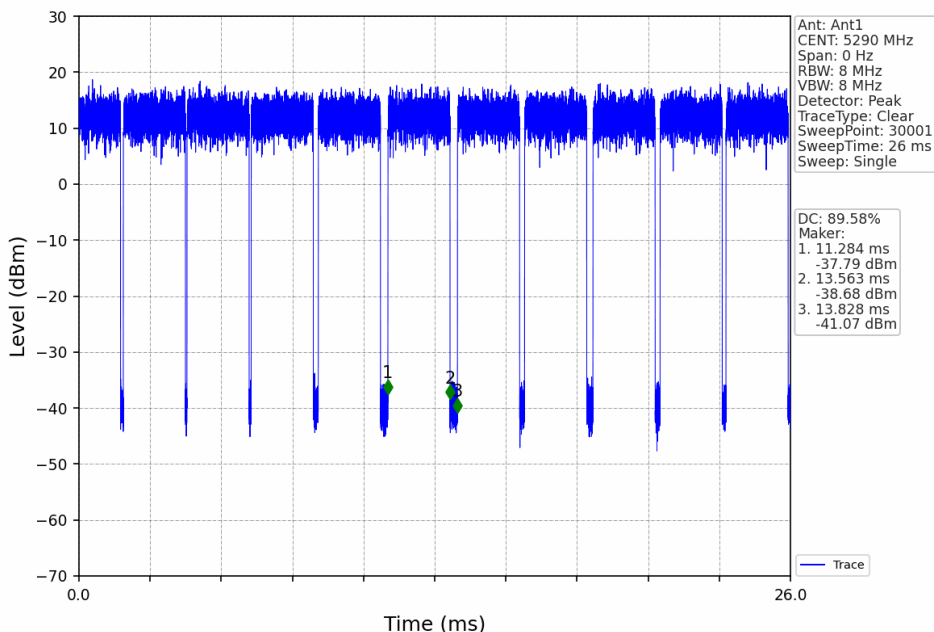
802.11be(EHT40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



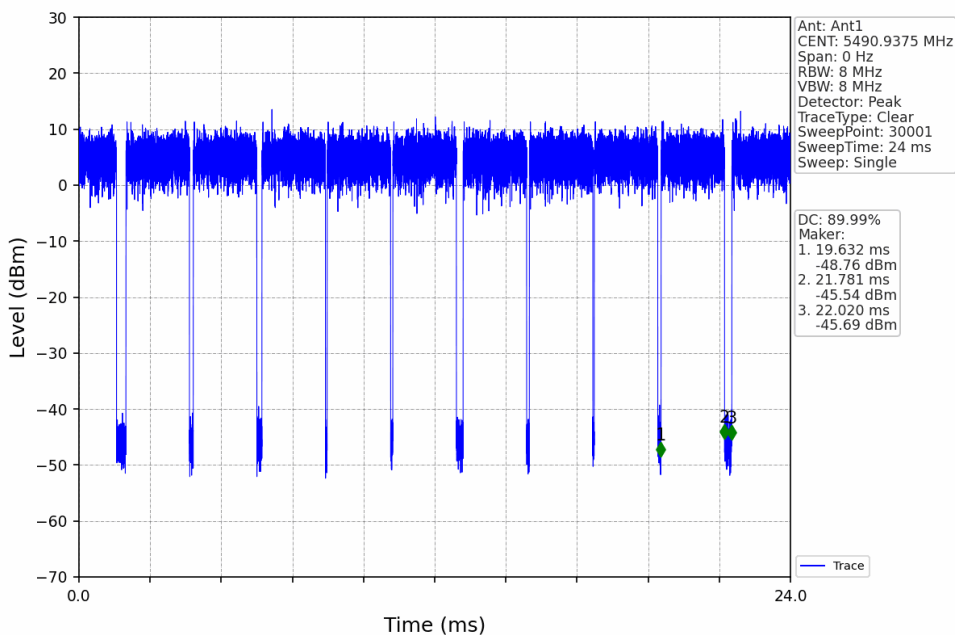
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802.11be(EHT80)_MCH_5290MHz_RU996_Left_Ant1_NTNV



802.11be(EHT160)_MCH_5570MHz_2xRU996_Left_Ant1_NTNV



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2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5260	/	/	1	17.840	/	Pass
		5300	/	/	1	17.811	/	Pass
		5320	/	/	1	17.803	/	Pass
		5500	/	/	1	17.834	/	Pass
		5580	/	/	1	17.805	/	Pass
		5700	/	/	1	17.753	/	Pass
802.11n (HT20)	MIMO	5260	/	/	1	18.689	/	Pass
		5300	/	/	1	18.816	/	Pass
		5320	/	/	1	18.808	/	Pass
		5500	/	/	1	18.846	/	Pass
		5580	/	/	1	18.730	/	Pass
		5700	/	/	1	18.814	/	Pass
802.11n (HT40)	MIMO	5270	/	/	1	37.557	/	Pass
		5310	/	/	1	37.695	/	Pass
		5510	/	/	1	37.909	/	Pass
		5550	/	/	1	37.836	/	Pass
		5670	/	/	1	37.686	/	Pass
802.11ac (VHT20)	MIMO	5260	/	/	1	18.737	/	Pass
		5300	/	/	1	18.854	/	Pass
		5320	/	/	1	18.828	/	Pass
		5500	/	/	1	18.836	/	Pass
		5580	/	/	1	18.688	/	Pass
		5700	/	/	1	18.867	/	Pass
802.11ac (VHT40)	MIMO	5270	/	/	1	37.482	/	Pass
		5310	/	/	1	37.823	/	Pass
		5510	/	/	1	38.093	/	Pass
		5550	/	/	1	37.850	/	Pass
		5670	/	/	1	37.662	/	Pass
802.11ac (VHT80)	MIMO	5290	/	/	1	78.411	/	Pass
		5530	/	/	1	78.025	/	Pass
		5610	/	/	1	78.573	/	Pass



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Report No.: SZCR230700233103

Page: 638 of 786

802.11ac (VHT160)	MIMO	5570	/	/	1	158.862	/	Pass
		5250	/	/	1	160.974	/	Pass
802.11ax (HEW20)	MIMO	5260	RU242	Left	1	19.481	/	Pass
		5300	RU242	Left	1	19.491	/	Pass
		5320	RU242	Left	1	19.491	/	Pass
		5500	RU242	Left	1	19.506	/	Pass
		5580	RU242	Left	1	19.428	/	Pass
		5700	RU242	Left	1	19.454	/	Pass
802.11ax (HEW40)	MIMO	5270	RU484	Left	1	38.566	/	Pass
		5310	RU484	Left	1	38.819	/	Pass
		5510	RU484	Left	1	38.779	/	Pass
		5550	RU484	Left	1	38.724	/	Pass
		5670	RU484	Left	1	38.585	/	Pass
802.11ax (HEW80)	MIMO	5290	RU996	Left	1	79.318	/	Pass
		5530	RU996	Left	1	79.044	/	Pass
		5610	RU996	Left	1	79.564	/	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	158.842	/	Pass
		5250	2xRU996	Left	1	160.214	/	Pass
802.11be (EHT20)	MIMO	5260	RU242	Left	1	19.502	/	Pass
		5300	RU242	Left	1	19.447	/	Pass
		5320	RU242	Left	1	19.570	/	Pass
		5500	RU242	Left	1	19.568	/	Pass
		5580	RU242	Left	1	19.446	/	Pass
		5700	RU242	Left	1	19.493	/	Pass
802.11be (EHT40)	MIMO	5270	RU484	Left	1	38.649	/	Pass
		5310	RU484	Left	1	38.836	/	Pass
		5510	RU484	Left	1	38.833	/	Pass
		5550	RU484	Left	1	38.753	/	Pass
		5670	RU484	Left	1	38.661	/	Pass
802.11be (EHT80)	MIMO	5290	RU996	Left	1	79.307	/	Pass
		5530	RU996	Left	1	79.064	/	Pass
		5610	RU996	Left	1	79.461	/	Pass
802.11be (EHT160)	MIMO	5570	2xRU996	Left	1	160.570	/	Pass
		5250	2xRU996	Left	1	162.110	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5260	/	/	1	22.328	/	Pass



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Report No.: SZCR230700233103

Page: 639 of 786

		5300	/	/	1	22.278	/	Pass
		5320	/	/	1	22.375	/	Pass
		5500	/	/	1	22.345	/	Pass
		5580	/	/	1	22.391	/	Pass
		5700	/	/	1	22.222	/	Pass
802.11n (HT20)	MIMO	5260	/	/	1	22.326	/	Pass
		5300	/	/	1	23.068	/	Pass
		5320	/	/	1	22.868	/	Pass
		5500	/	/	1	22.146	/	Pass
		5580	/	/	1	21.716	/	Pass
		5700	/	/	1	22.640	/	Pass
802.11n (HT40)	MIMO	5270	/	/	1	44.543	/	Pass
		5310	/	/	1	45.535	/	Pass
		5510	/	/	1	44.685	/	Pass
		5550	/	/	1	44.797	/	Pass
		5670	/	/	1	44.206	/	Pass
802.11ac (VHT20)	MIMO	5260	/	/	1	22.836	/	Pass
		5300	/	/	1	22.981	/	Pass
		5320	/	/	1	22.576	/	Pass
		5500	/	/	1	22.226	/	Pass
		5580	/	/	1	21.902	/	Pass
		5700	/	/	1	22.861	/	Pass
802.11ac (VHT40)	MIMO	5270	/	/	1	44.702	/	Pass
		5310	/	/	1	45.699	/	Pass
		5510	/	/	1	44.800	/	Pass
		5550	/	/	1	44.507	/	Pass
		5670	/	/	1	44.400	/	Pass
802.11ac (VHT80)	MIMO	5290	/	/	1	92.698	/	Pass
		5530	/	/	1	90.529	/	Pass
		5610	/	/	1	92.813	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	1	291.358	/	Pass
		5250	/	/	1	272.901	/	Pass
802.11ax (HEW20)	MIMO	5260	RU242	Left	1	22.412	/	Pass
		5300	RU242	Left	1	22.682	/	Pass
		5320	RU242	Left	1	22.809	/	Pass
		5500	RU242	Left	1	21.970	/	Pass
		5580	RU242	Left	1	22.237	/	Pass
		5700	RU242	Left	1	22.267	/	Pass
802.11ax (HEW40)	MIMO	5270	RU484	Left	1	44.144	/	Pass
		5310	RU484	Left	1	43.786	/	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR230700233103

Page: 640 of 786

		5510	RU484	Left	1	44.230	/	Pass
		5550	RU484	Left	1	43.075	/	Pass
		5670	RU484	Left	1	43.464	/	Pass
802.11ax (HEW80)	MIMO	5290	RU996	Left	1	87.139	/	Pass
		5530	RU996	Left	1	87.301	/	Pass
		5610	RU996	Left	1	88.597	/	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	1	237.270	/	Pass
		5250	2xRU996	Left	1	248.044	/	Pass
802.11be (EHT20)	MIMO	5260	RU242	Left	1	22.154	/	Pass
		5300	RU242	Left	1	22.174	/	Pass
		5320	RU242	Left	1	22.174	/	Pass
		5500	RU242	Left	1	22.870	/	Pass
		5580	RU242	Left	1	22.184	/	Pass
		5700	RU242	Left	1	22.322	/	Pass
802.11be (EHT40)	MIMO	5270	RU484	Left	1	43.616	/	Pass
		5310	RU484	Left	1	43.320	/	Pass
		5510	RU484	Left	1	43.995	/	Pass
		5550	RU484	Left	1	43.641	/	Pass
		5670	RU484	Left	1	44.043	/	Pass
802.11be (EHT80)	MIMO	5290	RU996	Left	1	88.281	/	Pass
		5530	RU996	Left	1	89.377	/	Pass
		5610	RU996	Left	1	88.192	/	Pass
802.11be (EHT160)	MIMO	5570	2xRU996	Left	1	286.298	/	Pass
		5250	2xRU996	Left	1	267.902	/	Pass



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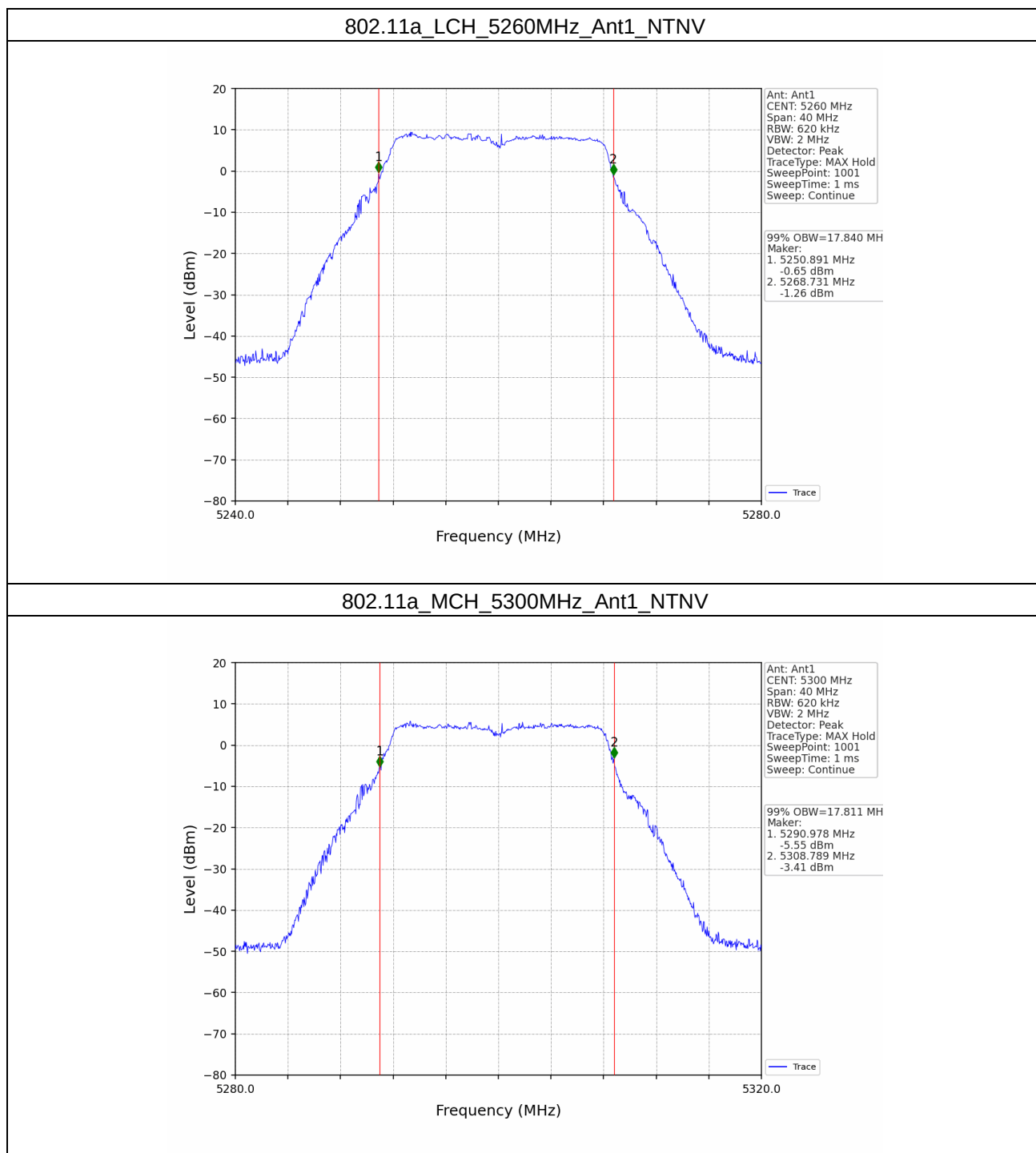
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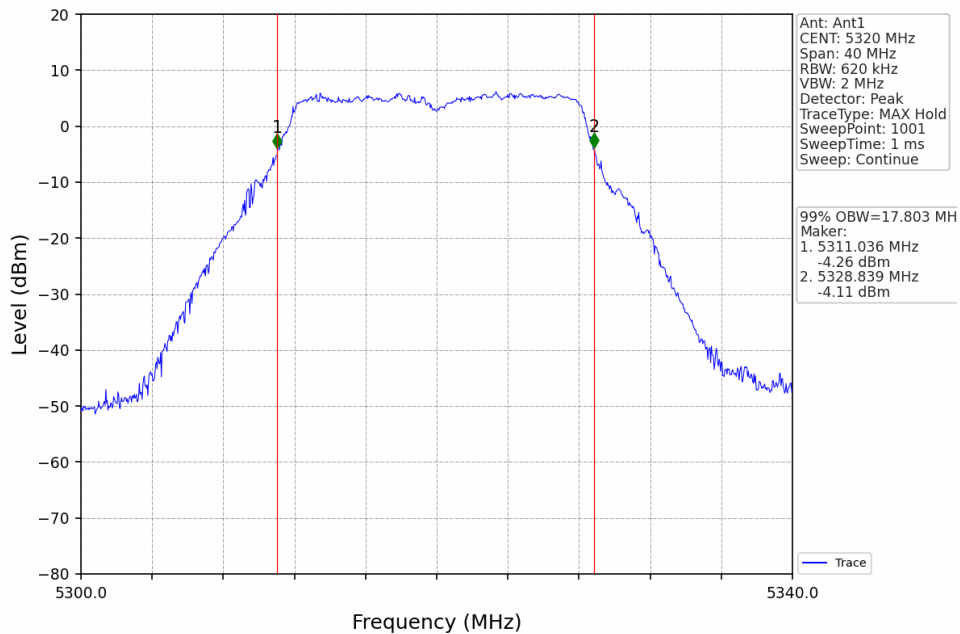
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2.2 Test Graph

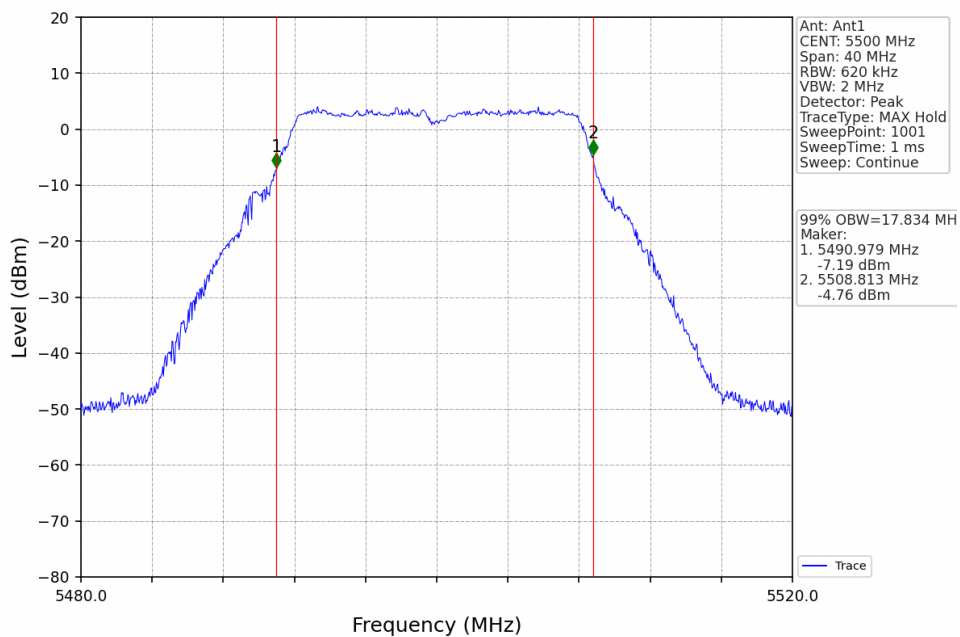
2.2.1 OBW



802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant1_NTNV



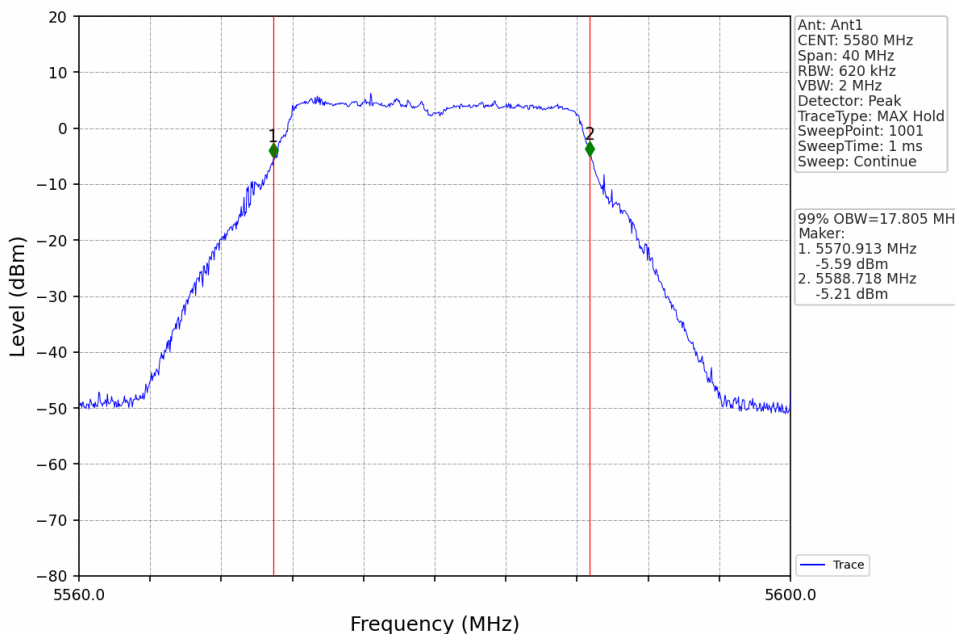
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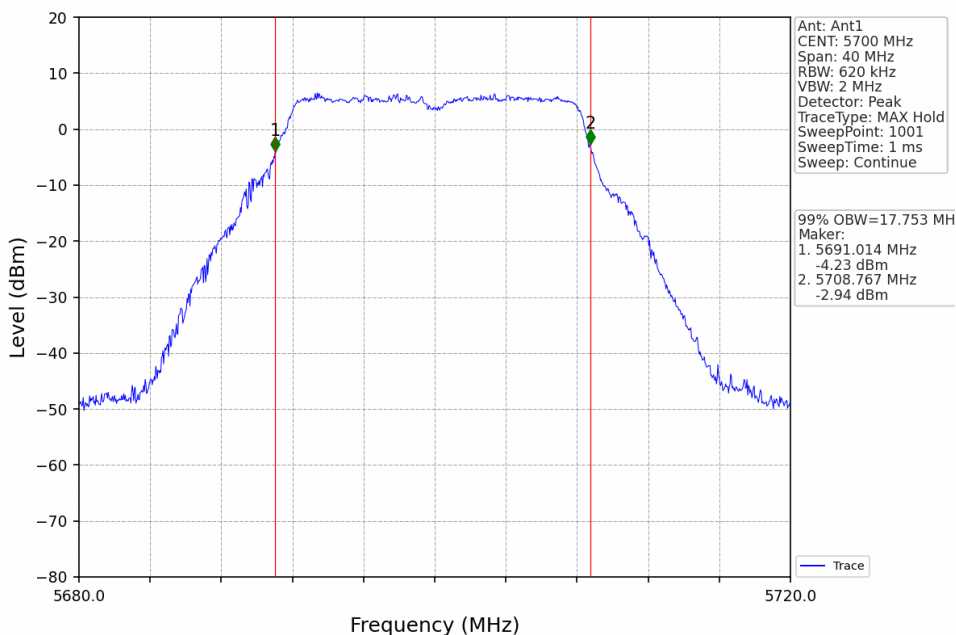
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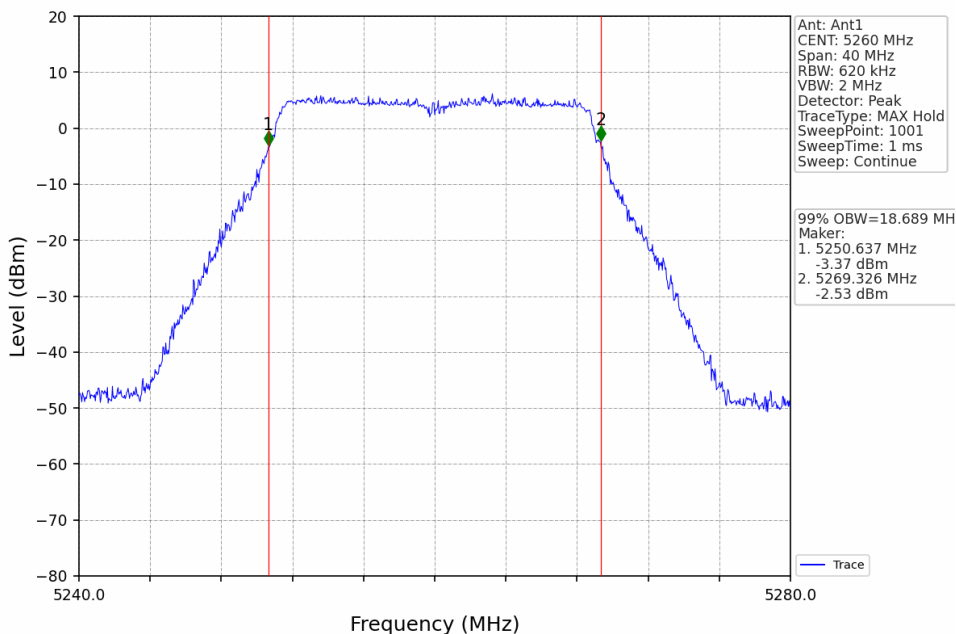
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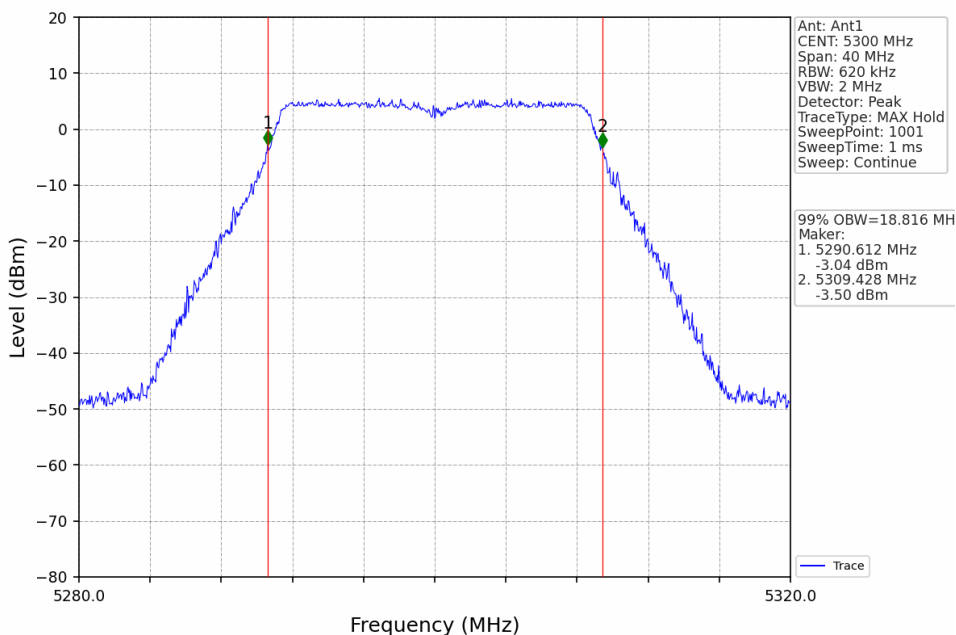
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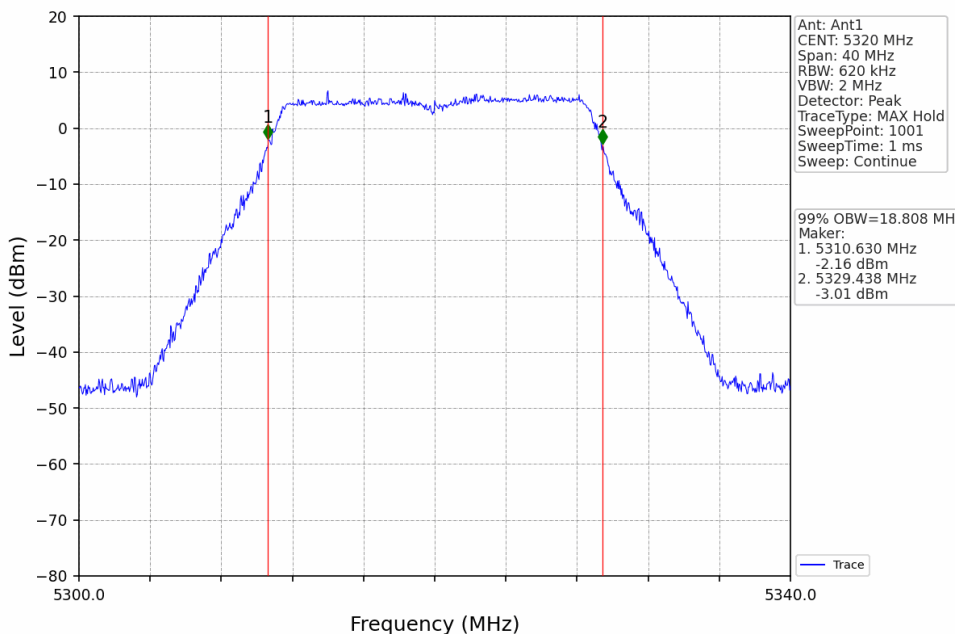
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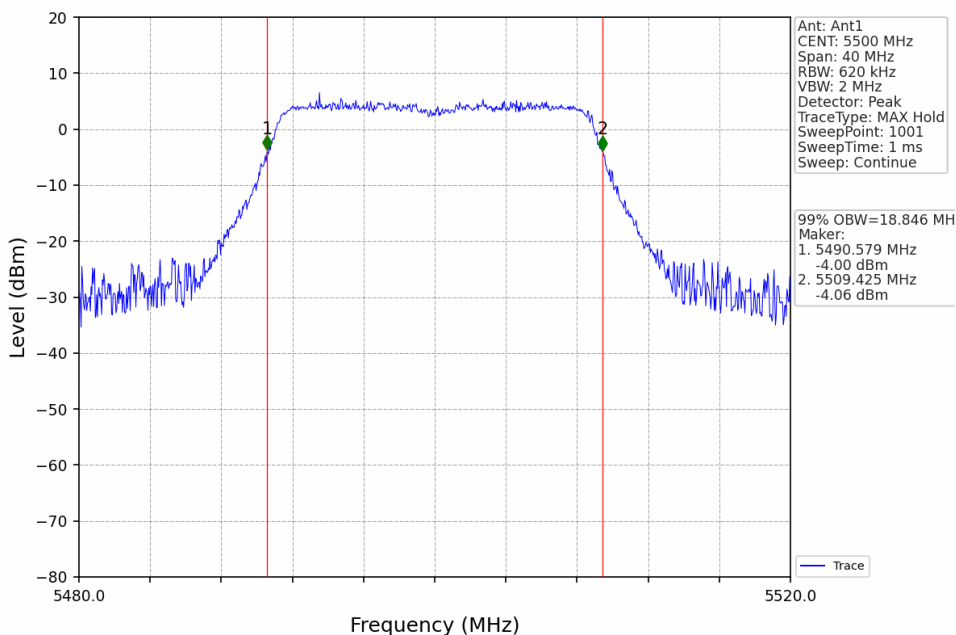
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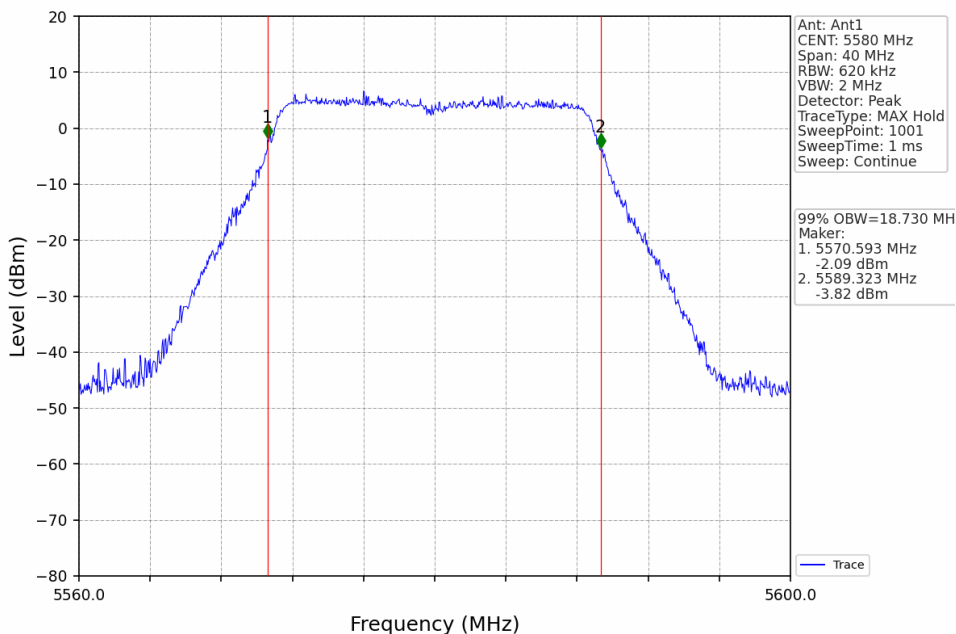
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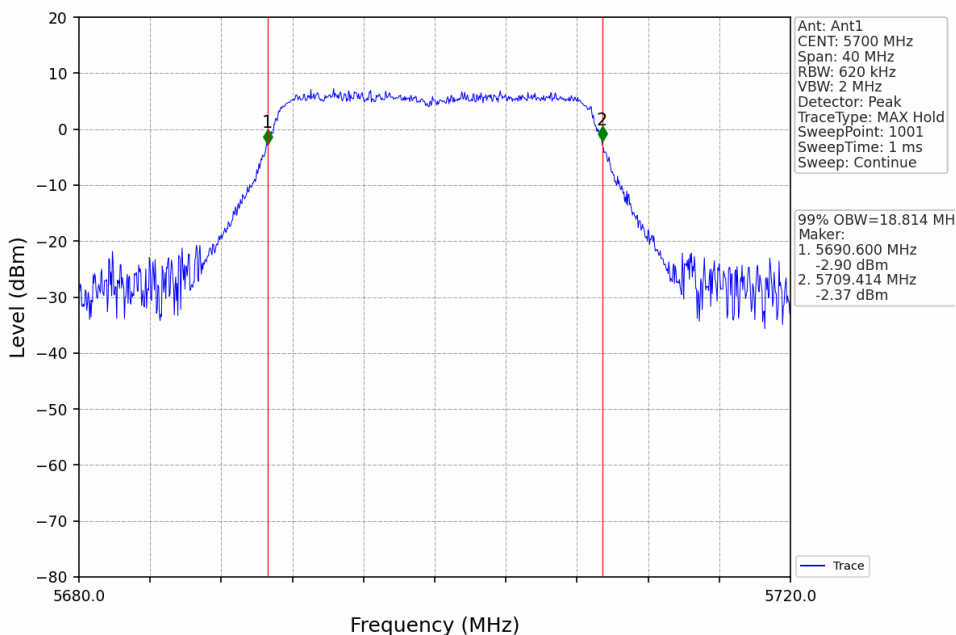
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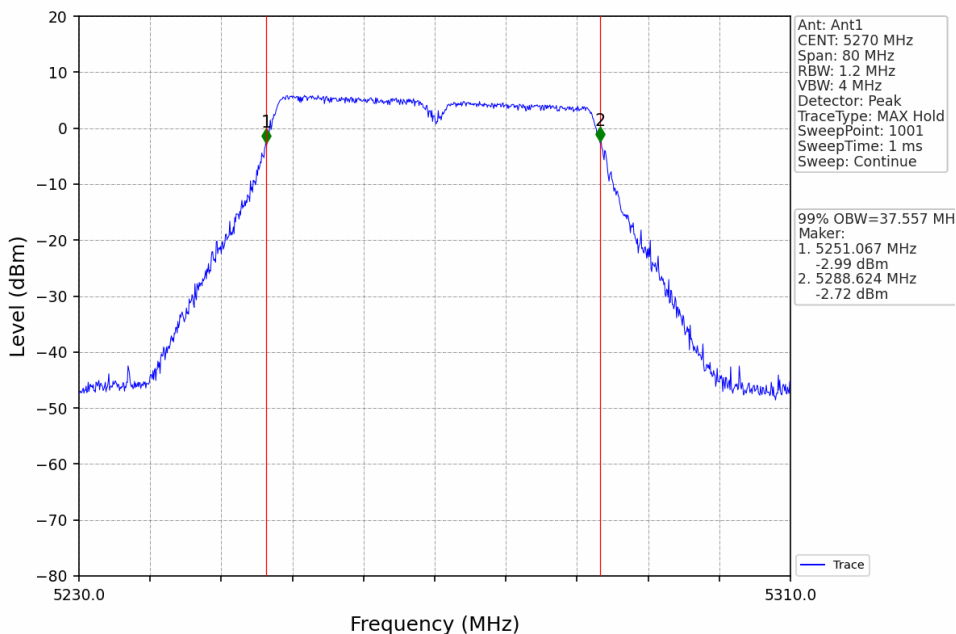
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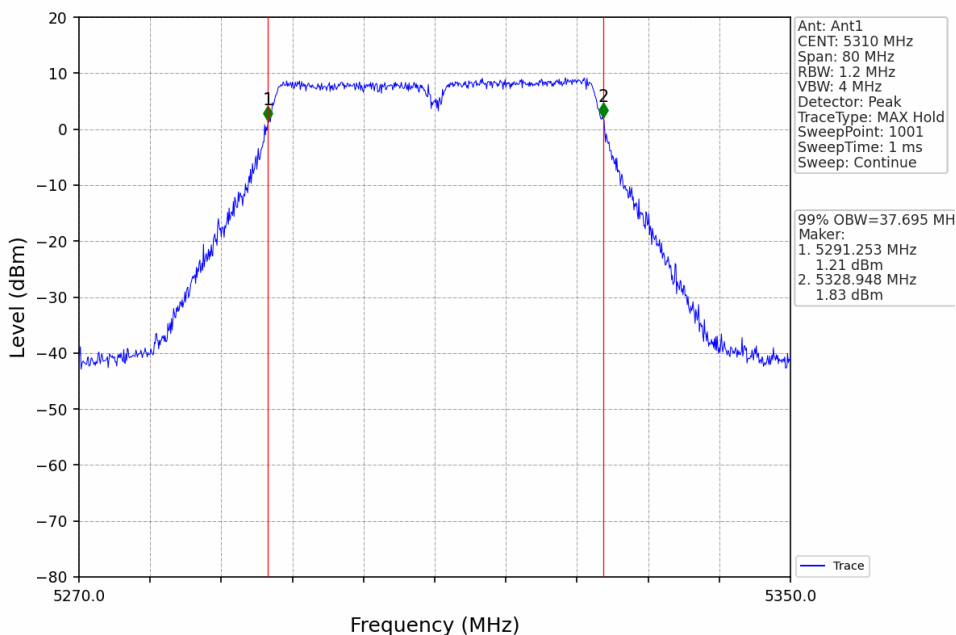
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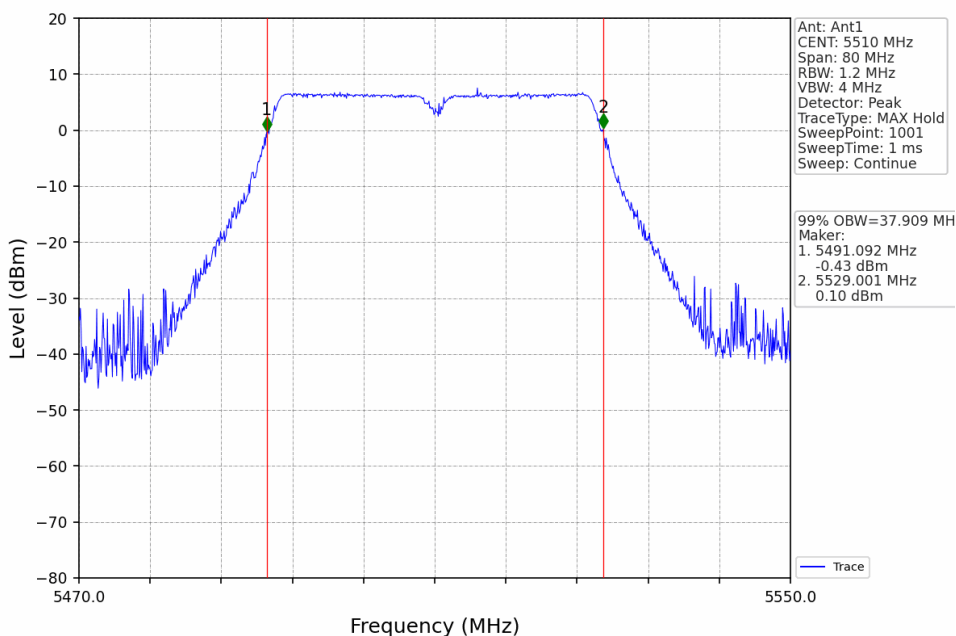
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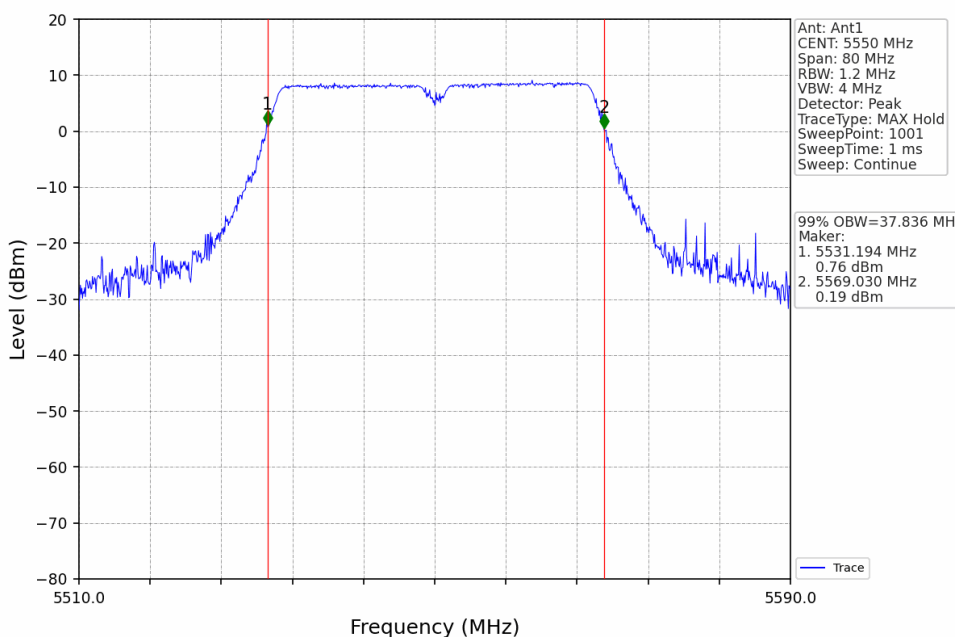
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



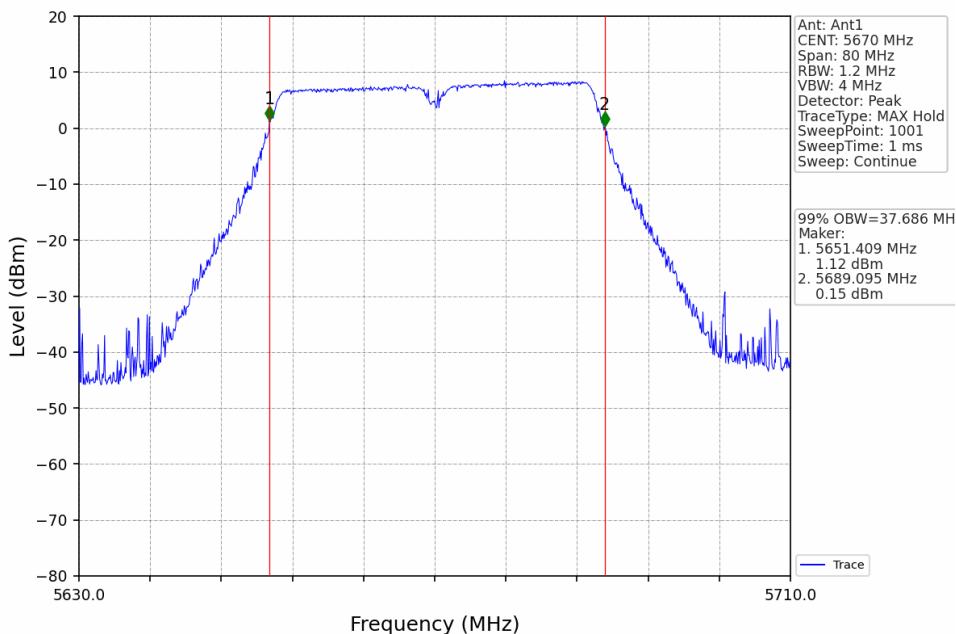
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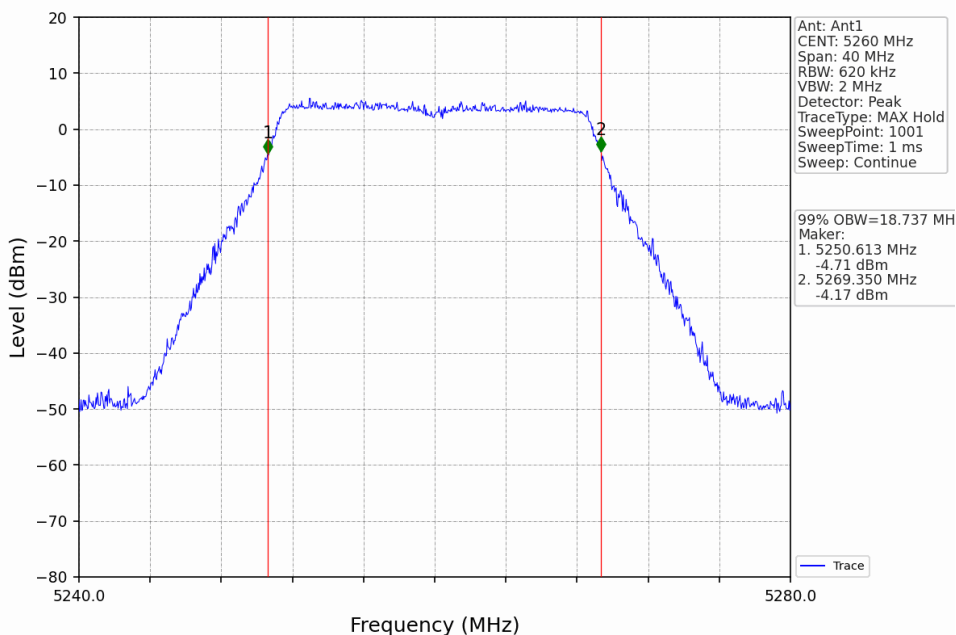
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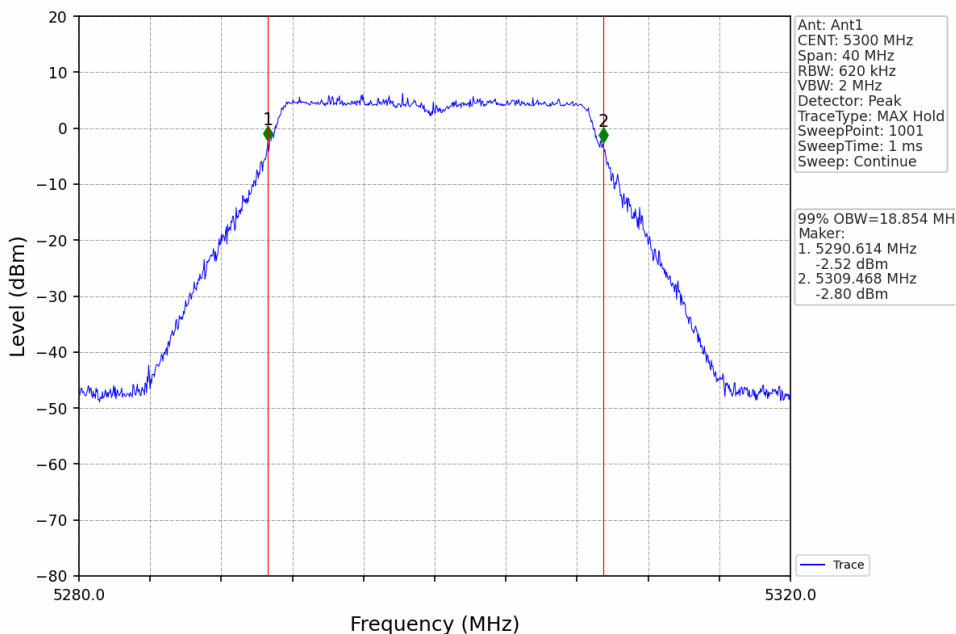
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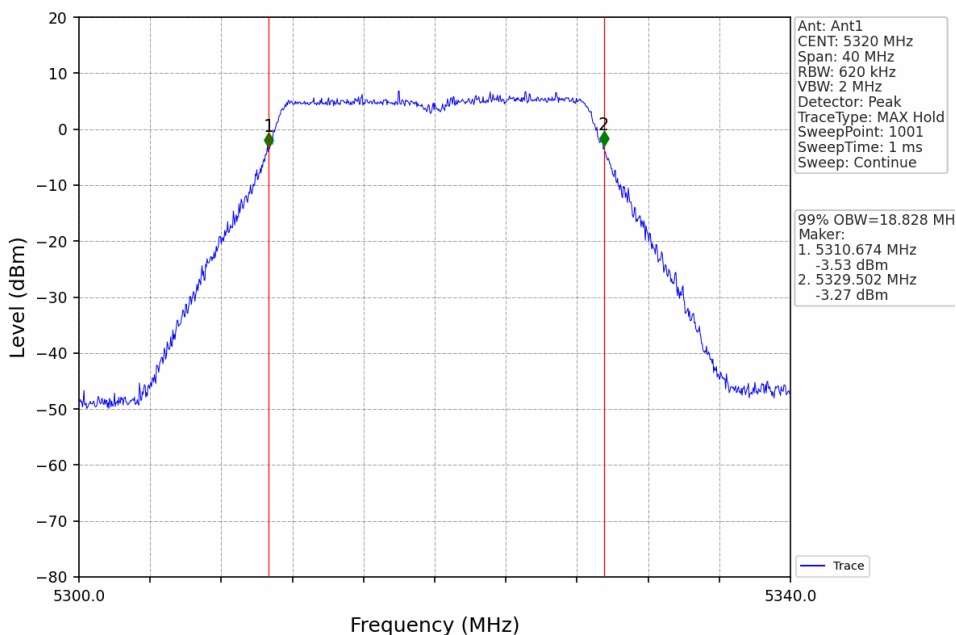
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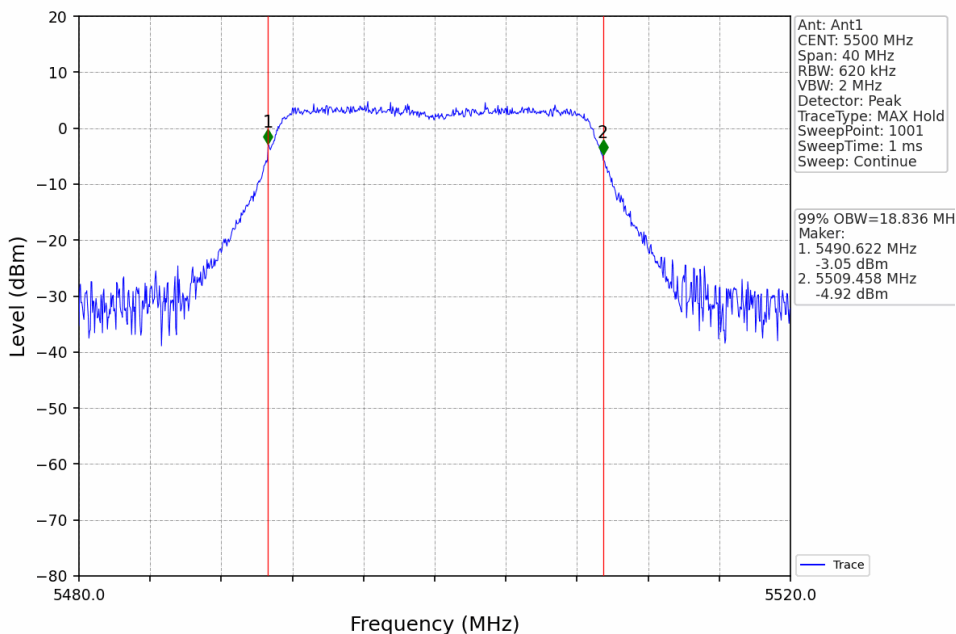
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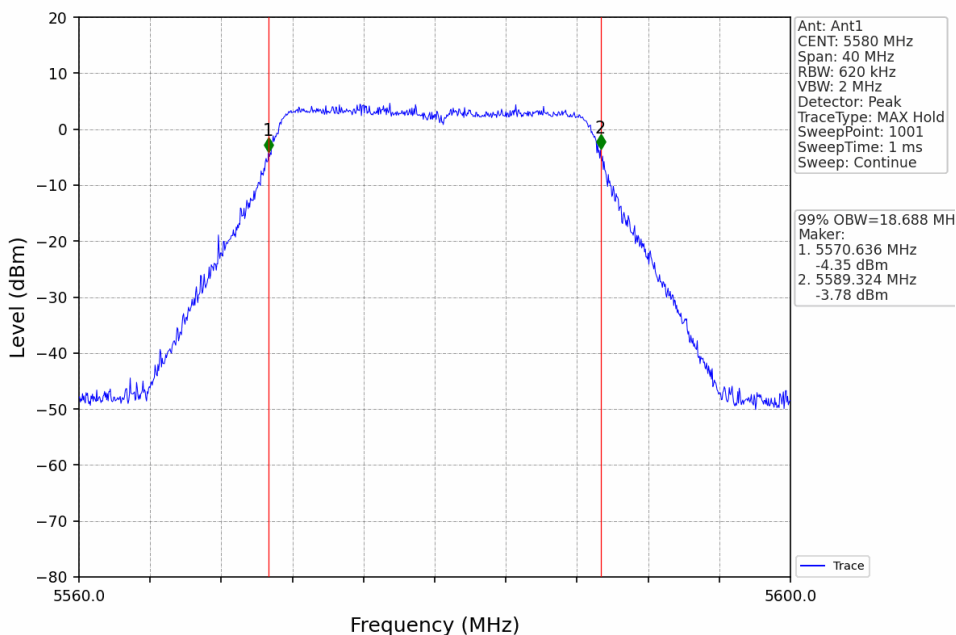
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802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



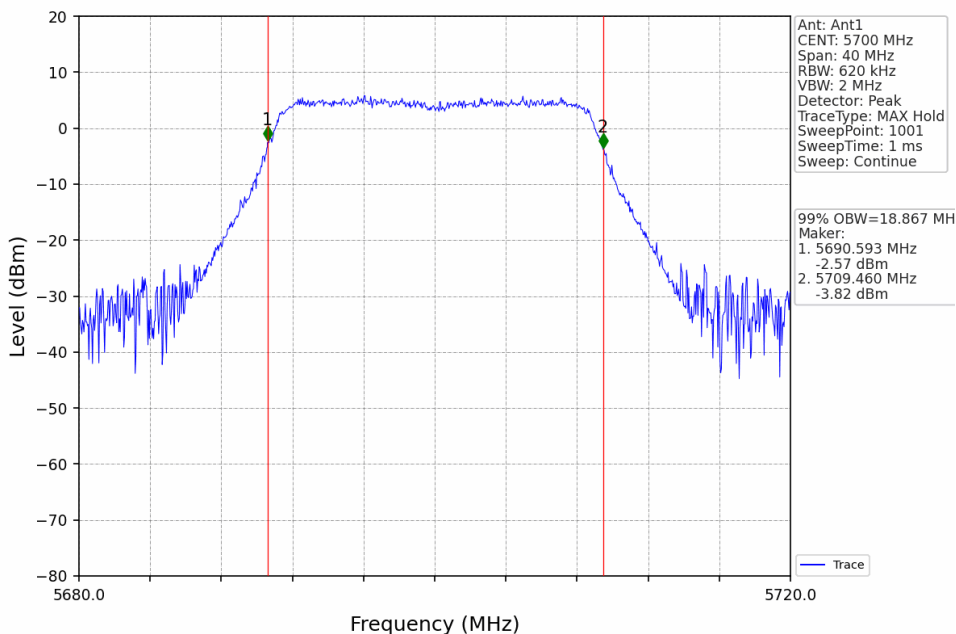
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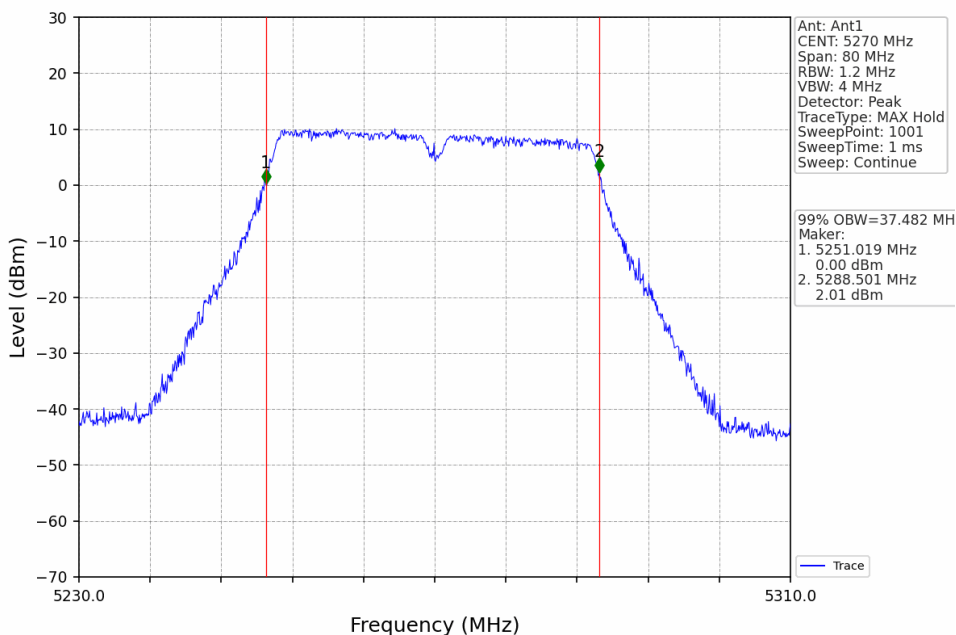
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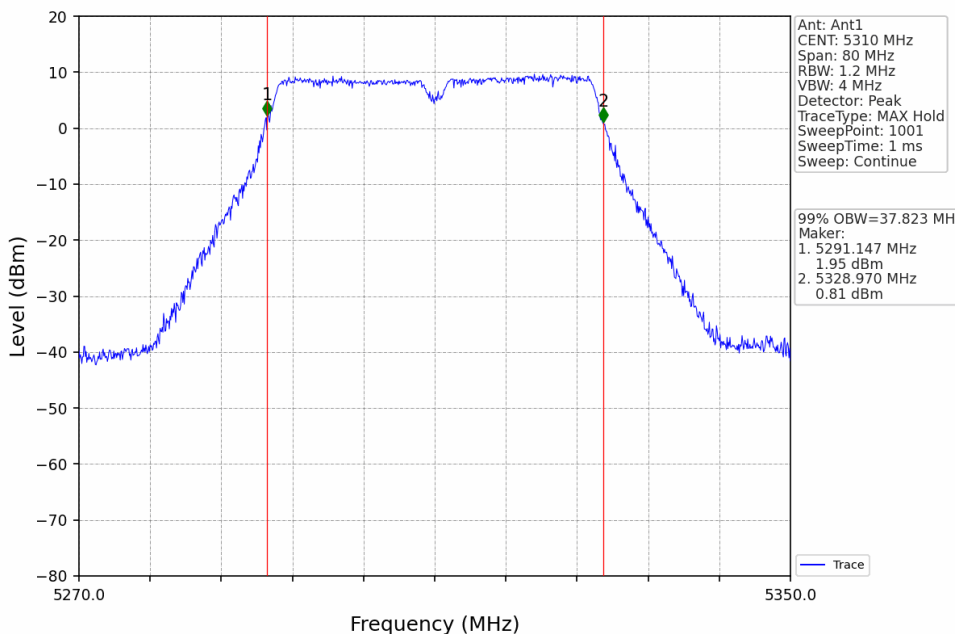
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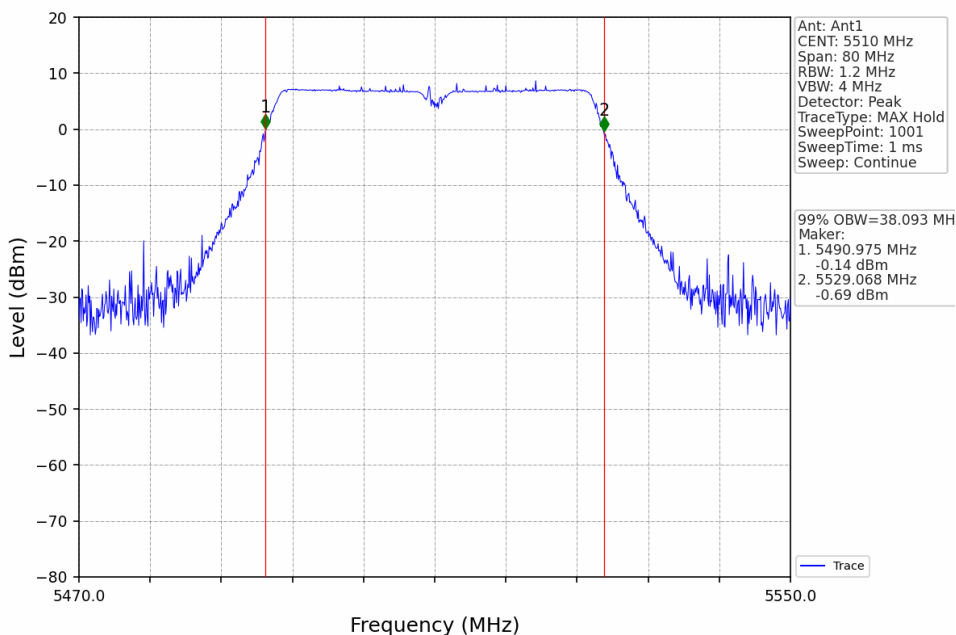
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



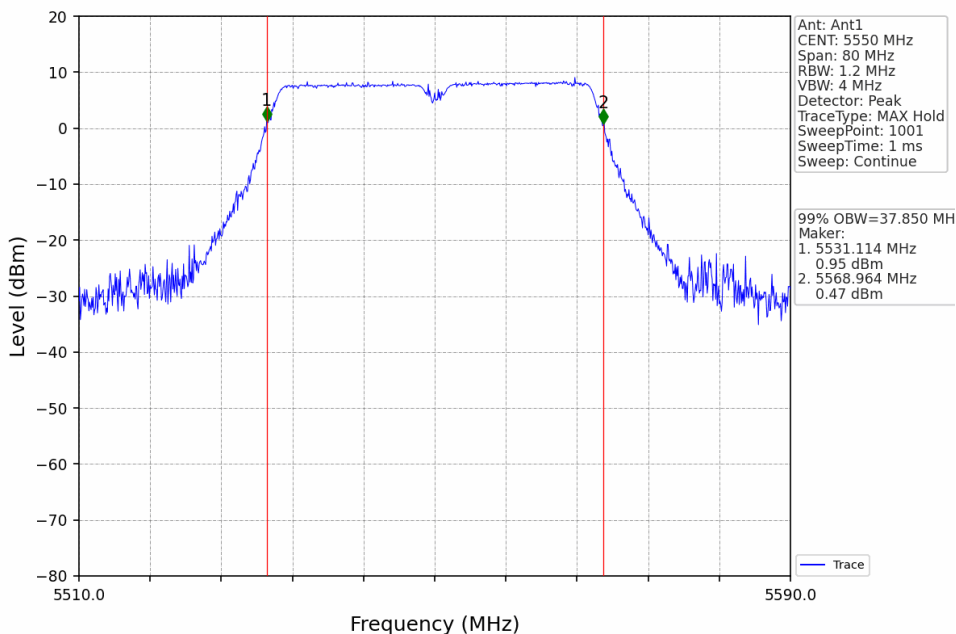
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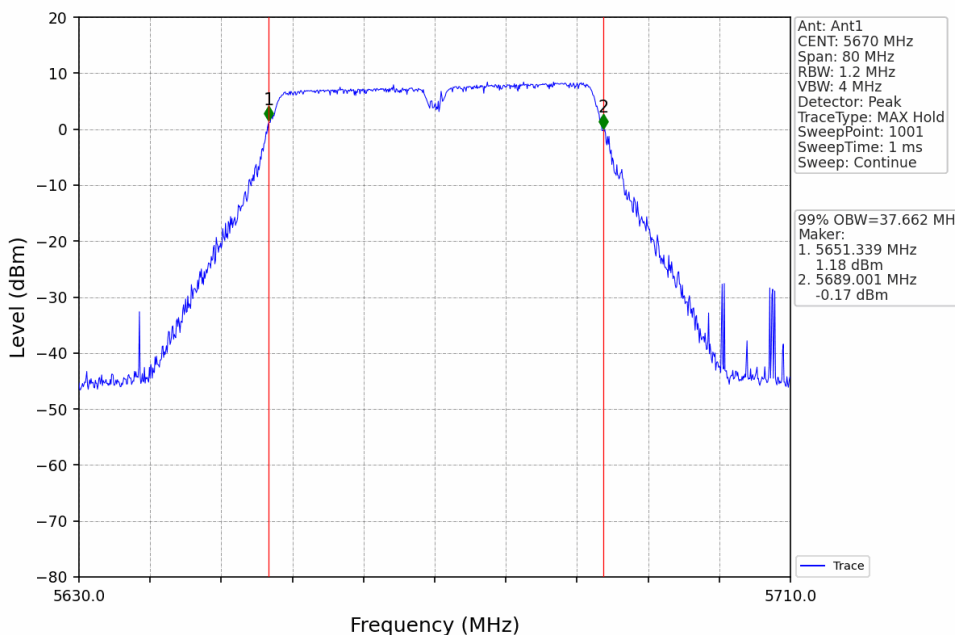
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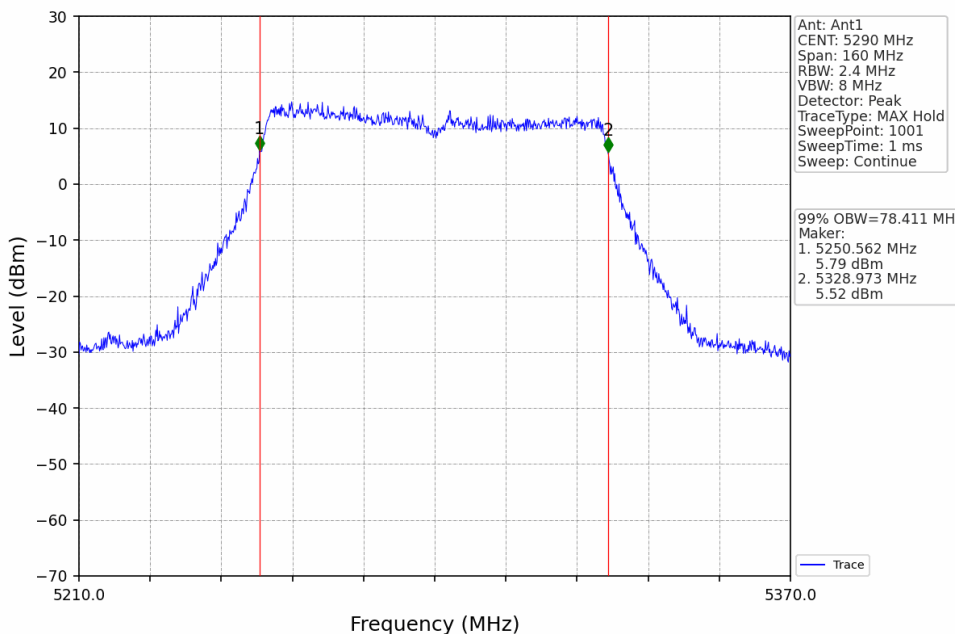
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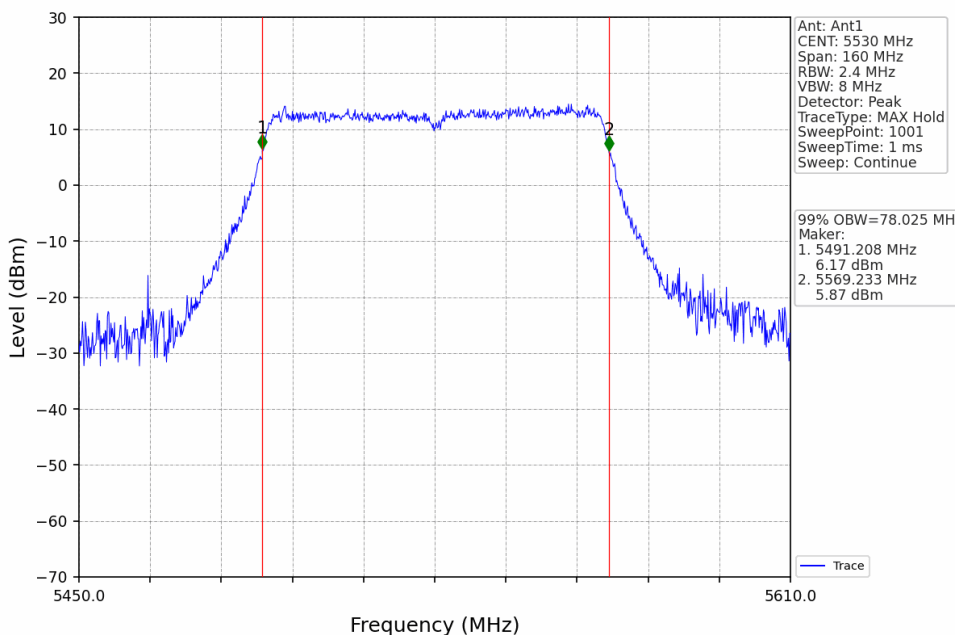
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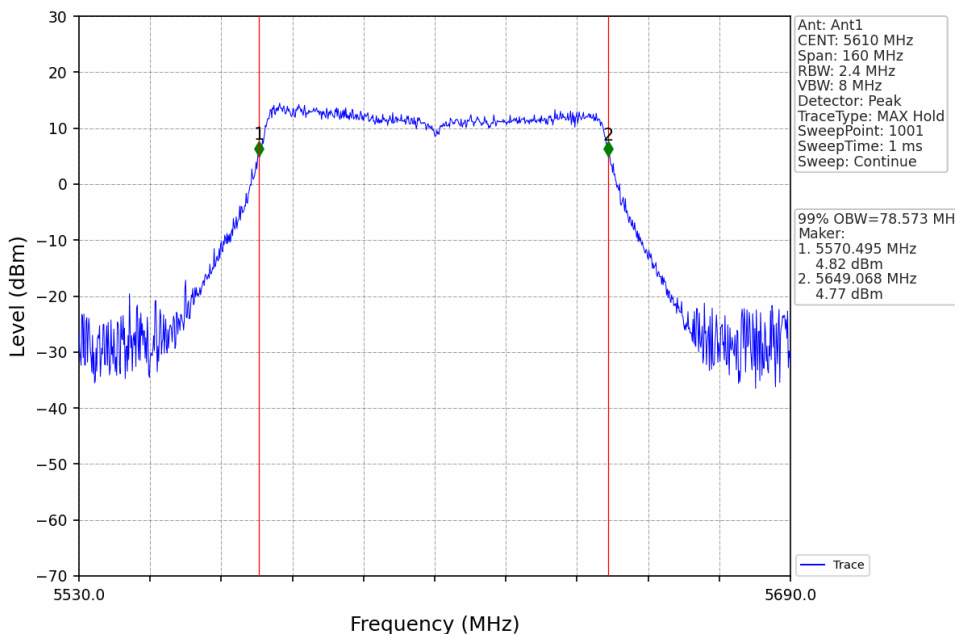
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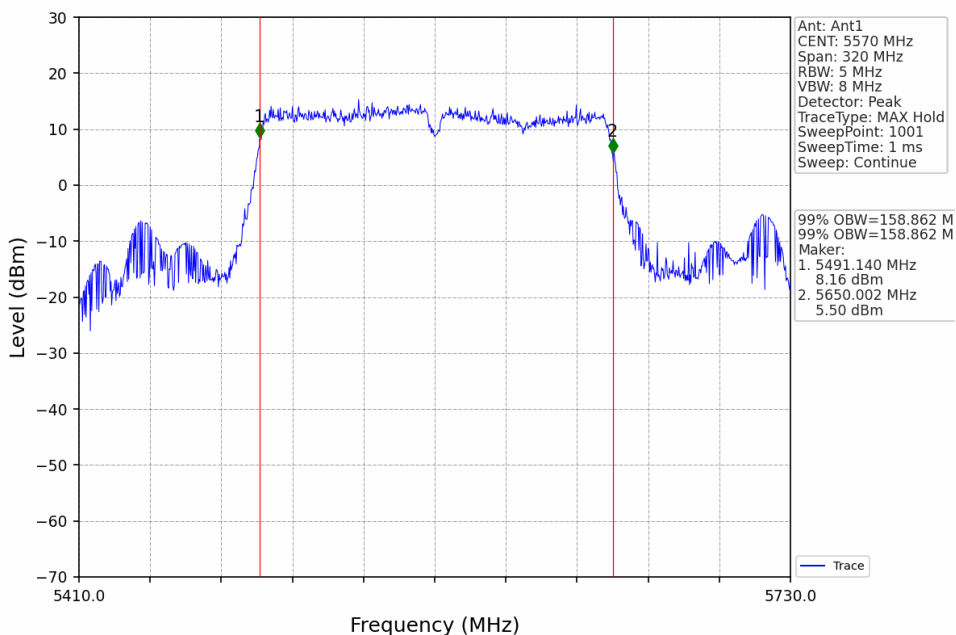
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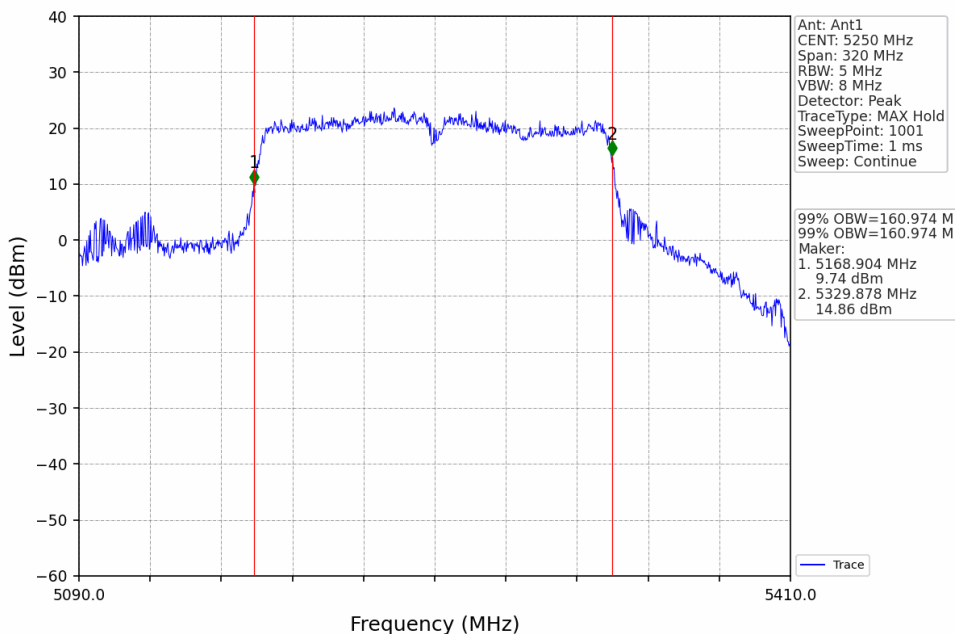
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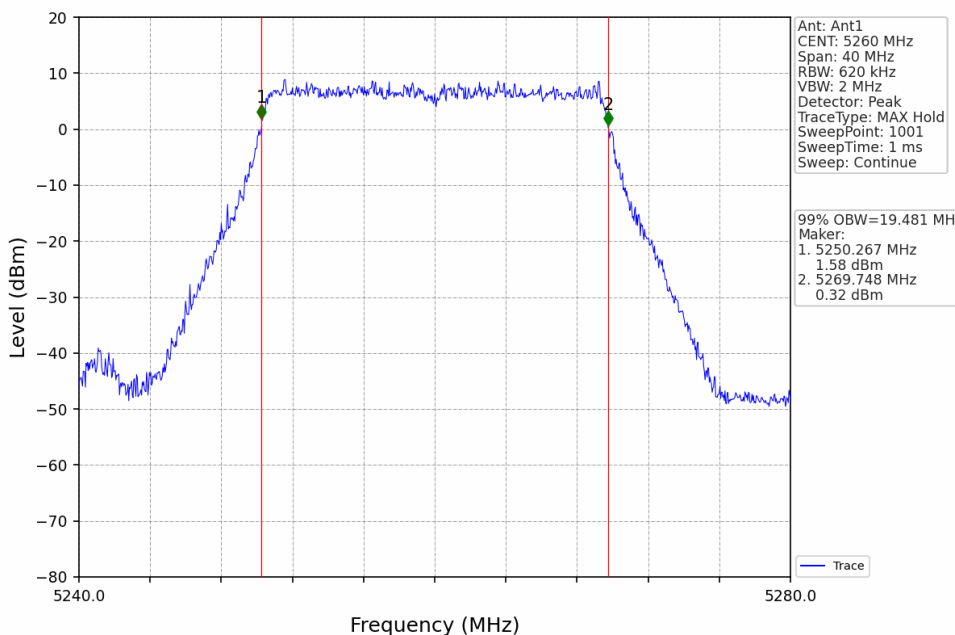
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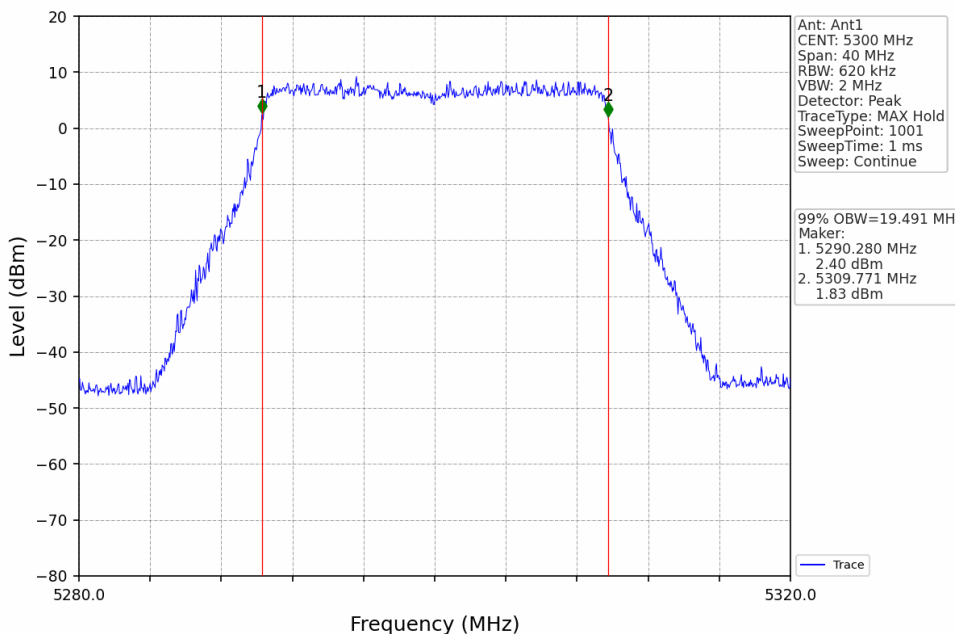
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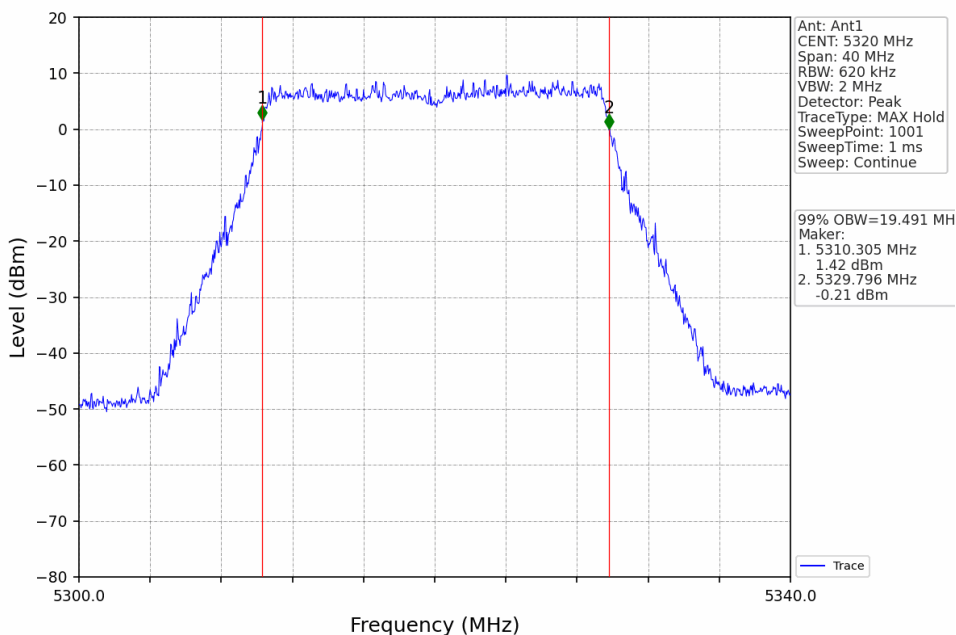
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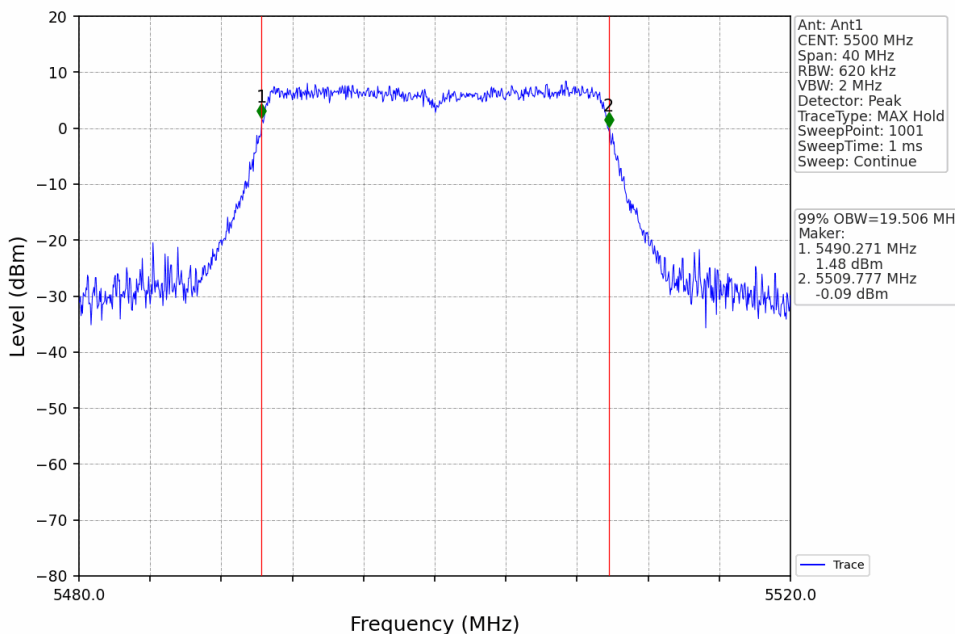
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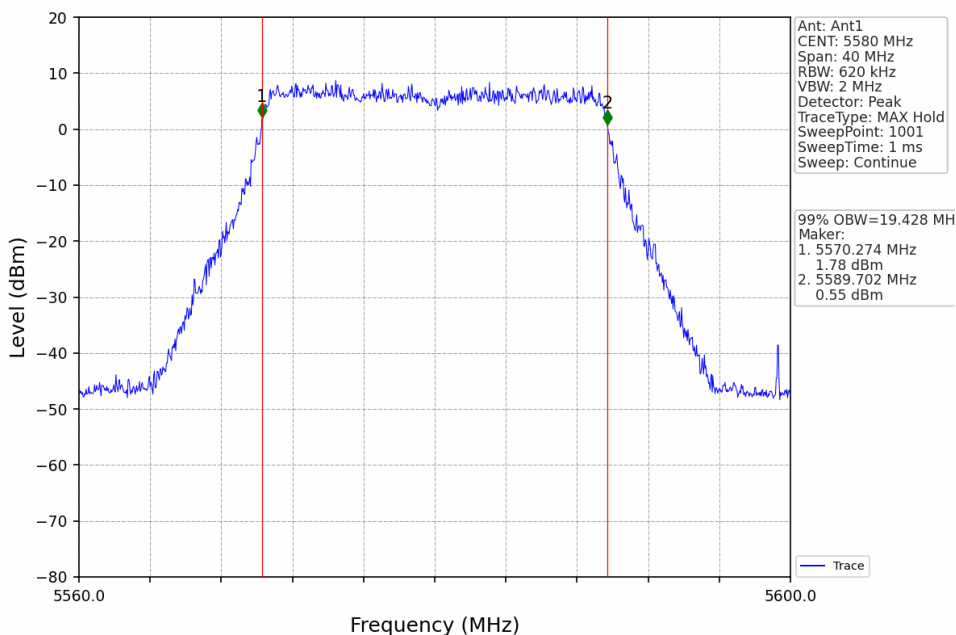
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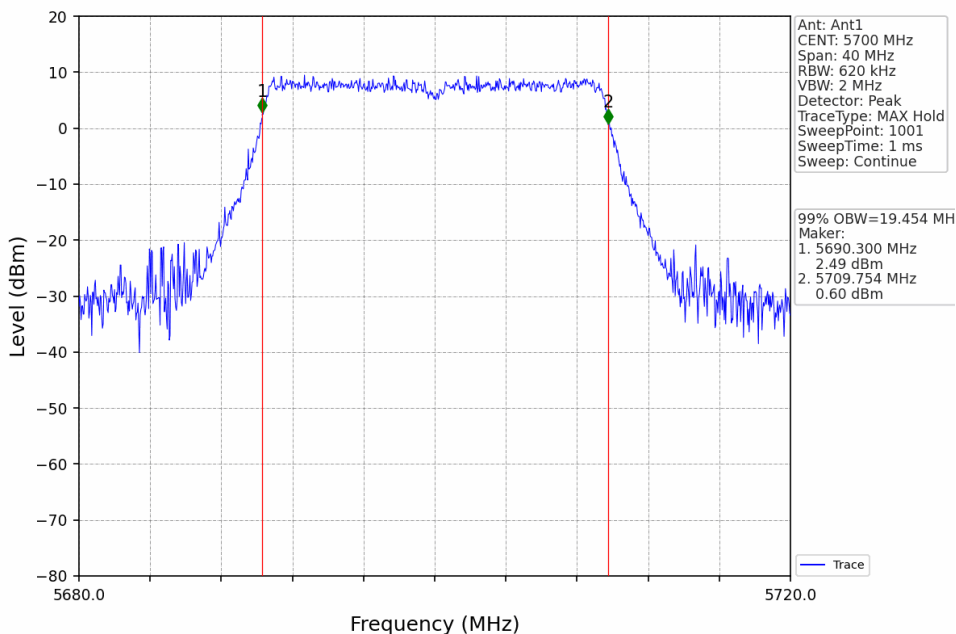
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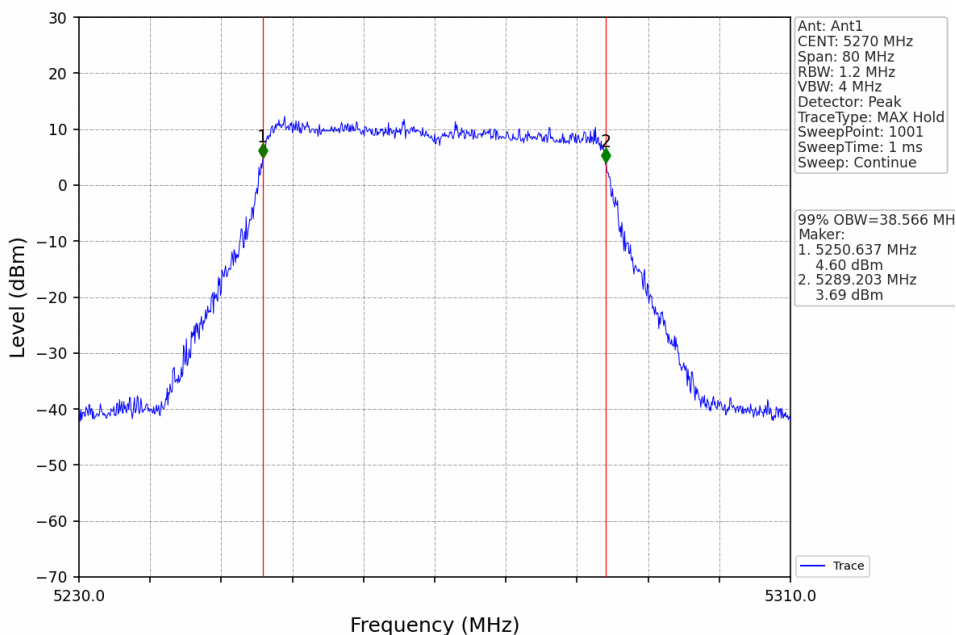
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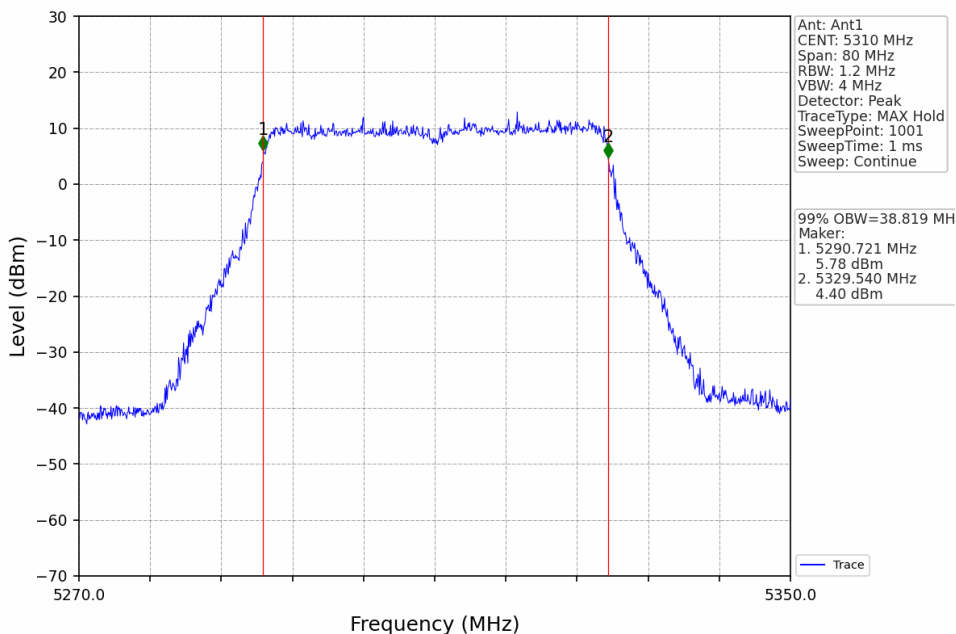
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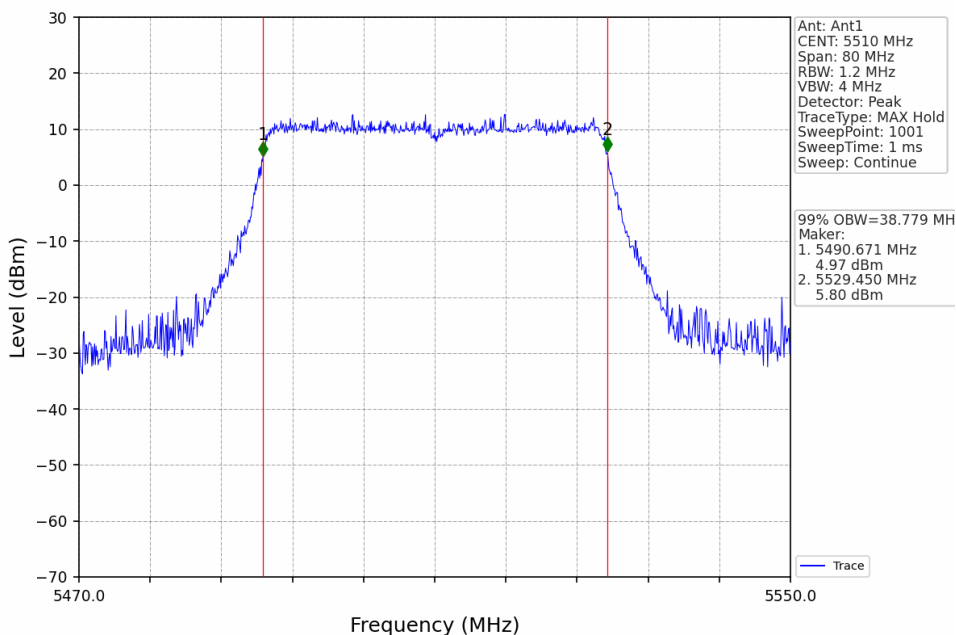
802.11ax(HEW40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



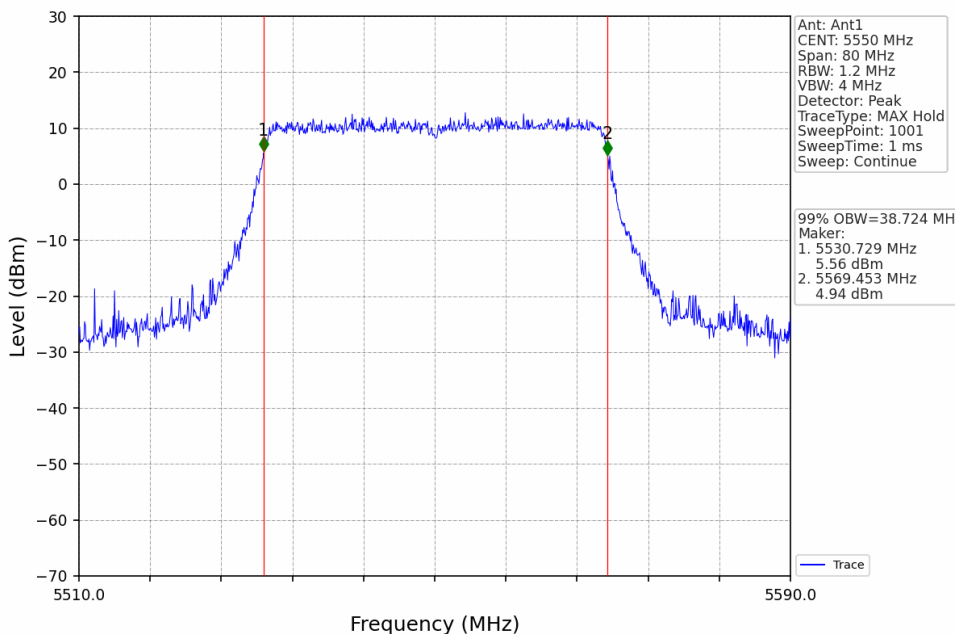
802.11ax(HEW40)_HCH_5310MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant1_NTNV

