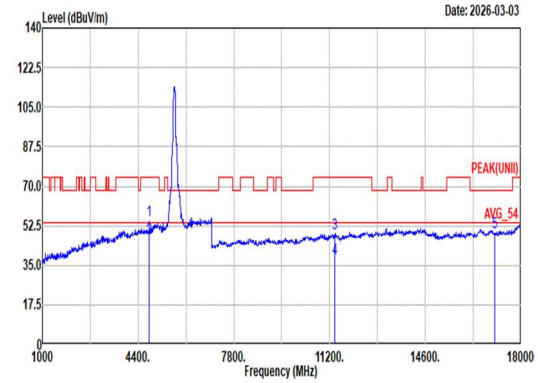
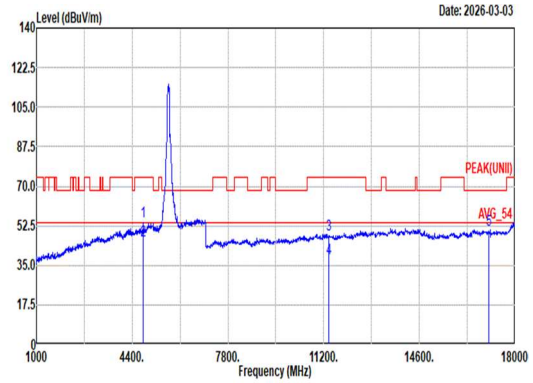
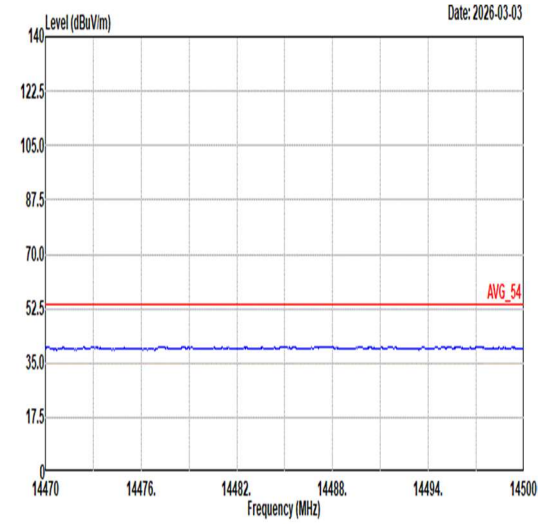
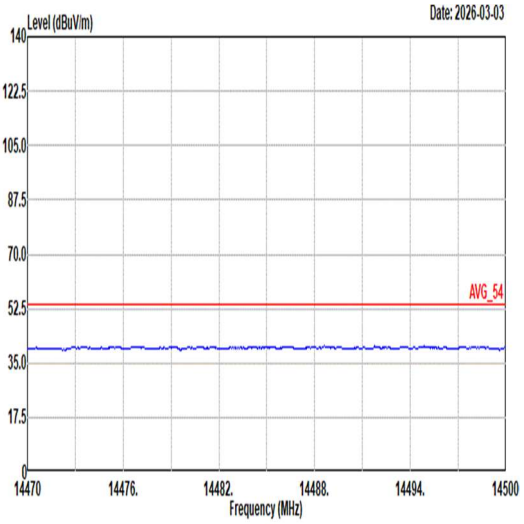
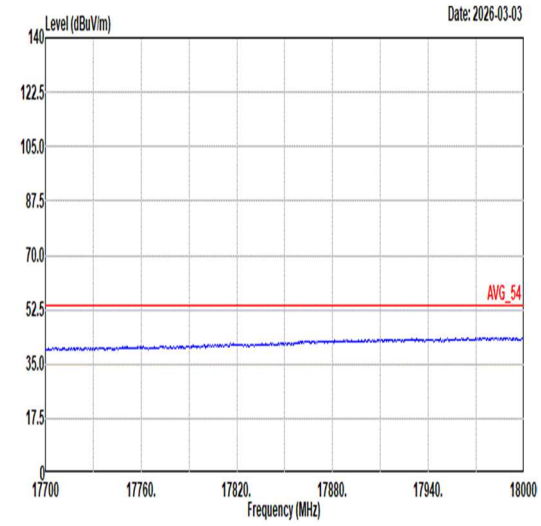
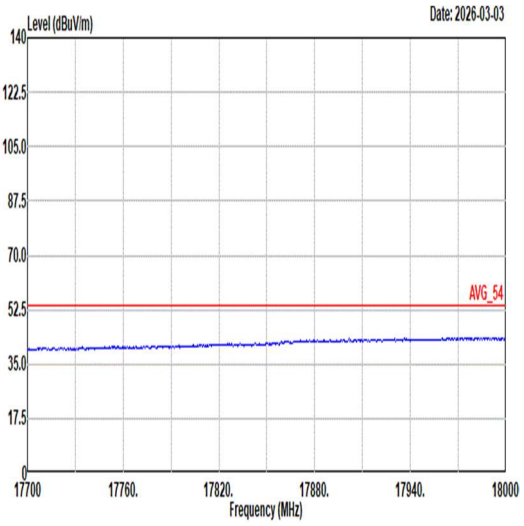
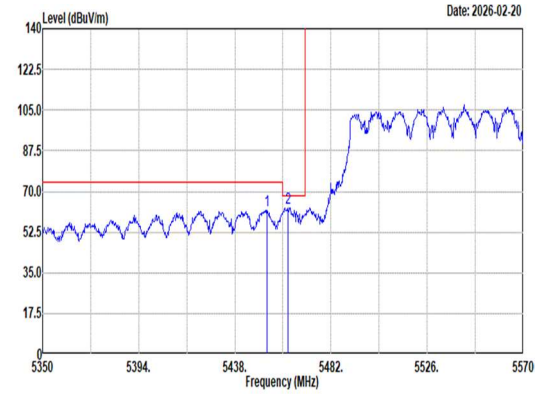
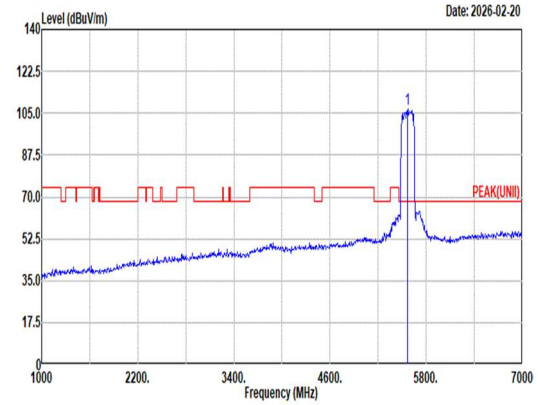
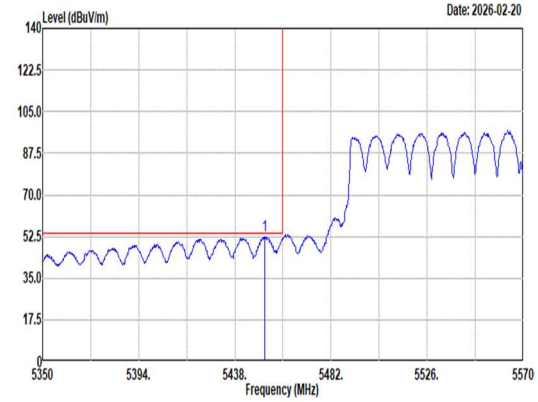
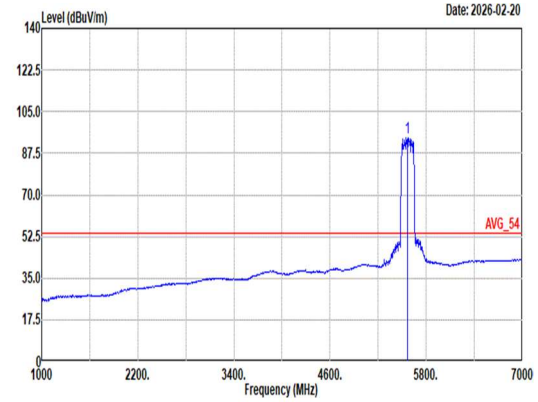
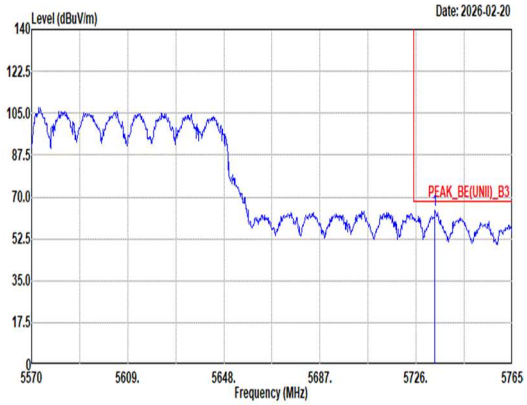
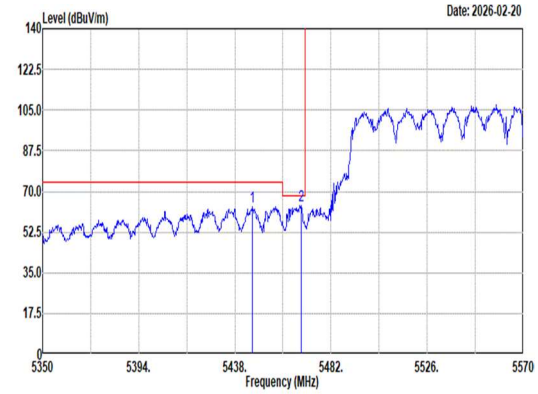
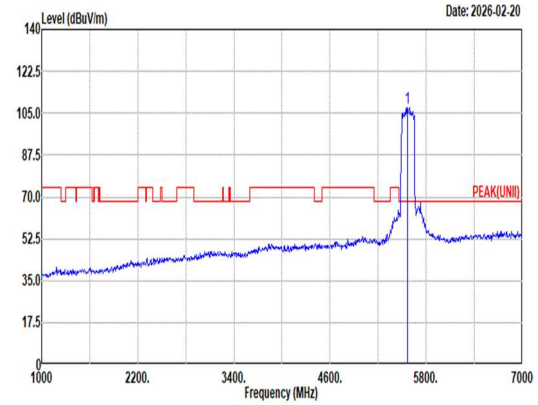
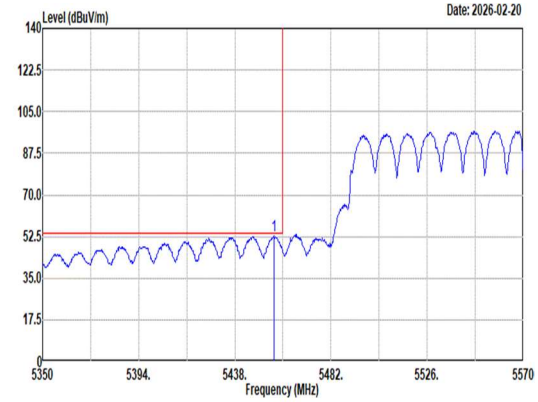
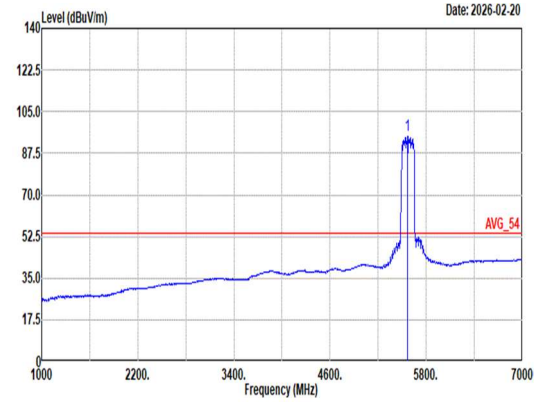
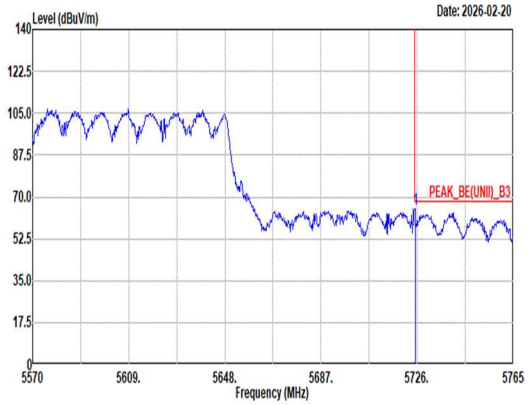
Mode	157	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH138_Full RU_5690MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 4798.00 54.93 74.00 -19.07 46.27 32.29 9.23 32.86 0.00 100 71 Peak 2 4798.00 47.22 54.00 -6.78 38.56 32.29 9.23 32.86 0.00 100 71 Average 3 11380.00 49.18 74.00 -24.82 59.23 39.00 17.38 66.84 0.41 -- -- Peak 4 11380.00 38.07 54.00 -15.93 48.12 39.00 17.38 66.84 0.41 -- -- Average 5 17070.00 49.82 68.20 -18.38 56.32 37.86 21.47 66.27 0.44 -- -- Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL 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 4798.00 54.56 74.00 -19.44 45.90 32.29 9.23 32.86 0.00 250 10 Peak 2 4798.00 45.78 54.00 -8.22 37.12 32.29 9.23 32.86 0.00 250 10 Average 3 11380.00 48.85 74.00 -25.15 58.90 39.00 17.38 66.84 0.41 -- -- Peak 4 11380.00 38.03 54.00 -15.97 48.08 39.00 17.38 66.84 0.41 -- -- Average 5 17070.00 50.71 68.20 -17.49 57.21 37.86 21.47 66.27 0.44 -- -- Peak

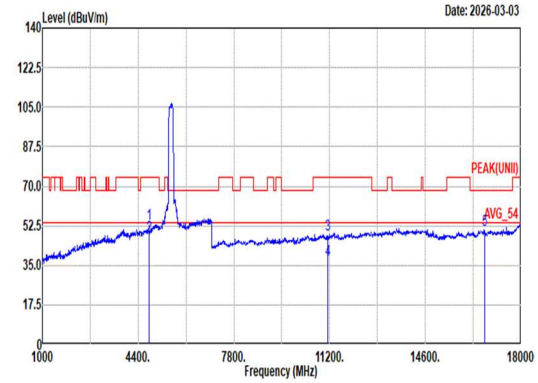
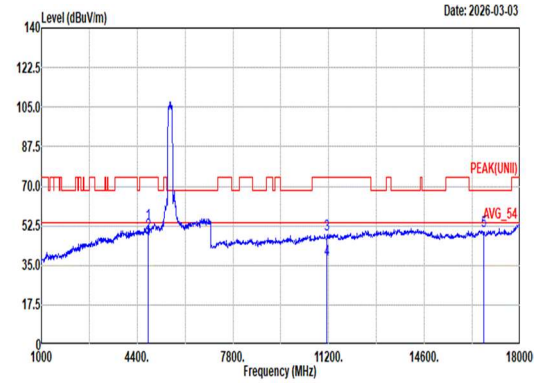
Mode	157	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE80_CH138_Full RU_5690MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

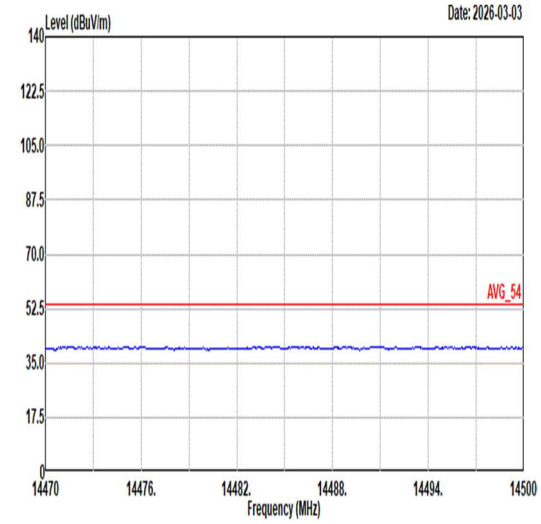
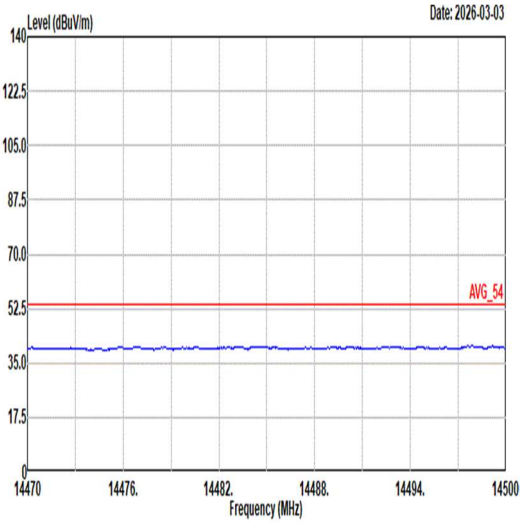
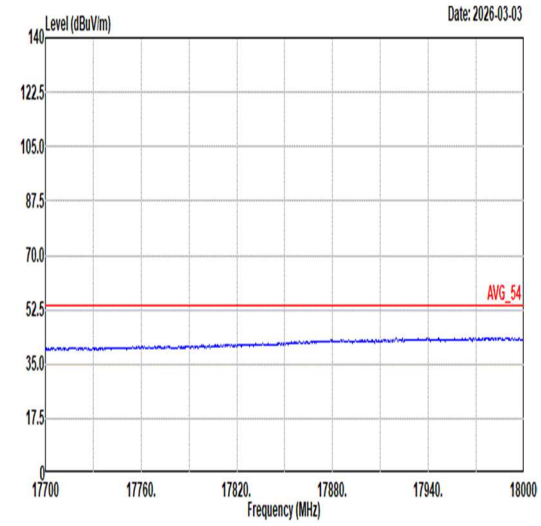
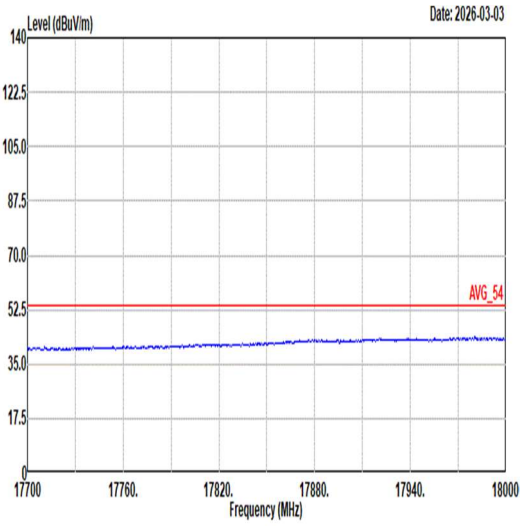
Mode	158	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE160_CH114_Full RU_5570MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(UNII)_B3 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5452.74 61.96 74.00 -12.04 52.03 32.81 9.86 32.74 0.00 300 203 Peak 2 5462.20 62.74 68.20 -5.46 52.76 32.82 9.90 32.74 0.00 300 203 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5570.00 106.77 ------ ------ 96.46 32.76 10.31 32.76 0.00 300 203 Peak
Avg	 Site : 03CH11-HY Condition: AVG_BE(UNII)_B3 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5451.64 52.72 54.00 -1.28 42.80 32.80 9.86 32.74 0.00 300 203 Average	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5570.00 94.29 ------ ------ 83.98 32.76 10.31 32.76 0.00 300 203 Average

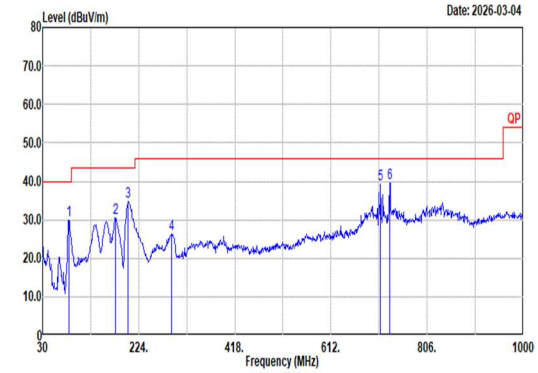
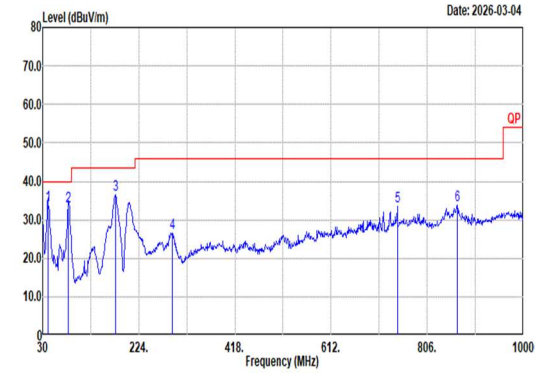
Mode	158	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE160_CH114_Full RU_5570MHz	
ANT	1+2	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(UNII)_B3 3m 9120D_01620_250915 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5733.61 64.59 68.20 -3.61 53.69 33.53 10.19 32.82 0.00 300 203 Peak	Blank

Mode	158	
	Band Edge - L	
	U-NII-2C_5.47-5.725_802.11ax HE160_CH114_Full RU_5570MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(UNII)_B3 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5445.92 63.49 74.00 -10.51 53.60 32.80 9.83 32.74 0.00 100 18 Peak 2 5468.36 64.06 68.20 -4.14 54.04 32.84 9.92 32.74 0.00 100 18 Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5570.00 107.12 ------ ------ 96.82 32.77 10.29 32.76 0.00 100 18 Peak
Avg	 Site : 03CH11-HY Condition: AVG_BE(UNII)_B3 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5456.04 52.96 54.00 -1.04 43.02 32.81 9.87 32.74 0.00 100 18 Average	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5570.00 94.87 ------ ------ 84.55 32.74 10.34 32.76 0.00 100 18 Average

Mode	158	
	Band Edge - R	
	U-NII-2C_5.47-5.725_802.11ax HE160_CH114_Full RU_5570MHz	
ANT	1+2	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH11-HY Condition: PEAK_BE(UNII)_B3 3m 9120D_01620_250915 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 5725.22 64.82 68.20 -3.38 53.93 33.50 10.21 32.82 0.00 100 18 Peak	Blank

Mode	158	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE160_CH114_Full RU_5570MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_250915 HORIZONTAL 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 4798.00 53.48 74.00 -20.52 44.82 32.29 9.23 32.86 0.00 100 51 Peak 2 4798.00 48.17 54.00 -5.83 39.51 32.29 9.23 32.86 0.00 100 51 Average 3 11140.00 48.39 74.00 -25.61 59.08 38.70 17.16 66.93 0.38 -- -- Peak 4 11140.00 37.60 54.00 -16.40 48.29 38.70 17.16 66.93 0.38 -- -- Average 5 16710.00 50.91 68.20 -17.29 58.50 37.88 21.36 67.23 0.40 -- -- Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 3m 9120D_01620_250915 VERTICAL 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 4798.00 53.59 74.00 -20.41 44.93 32.29 9.23 32.86 0.00 250 18 Peak 2 4798.00 49.17 54.00 -4.83 40.51 32.29 9.23 32.86 0.00 250 18 Average 3 11140.00 48.65 74.00 -25.35 59.34 38.70 17.16 66.93 0.38 -- -- Peak 4 11140.00 37.62 54.00 -16.38 48.31 38.70 17.16 66.93 0.38 -- -- Average 5 16710.00 50.36 68.20 -17.84 57.95 37.88 21.36 67.23 0.40 -- -- Peak

Mode	158	
	Harmonic	
	U-NII-2C_5.47-5.725_802.11ax HE160_CH114_Full RU_5570MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL
17.7G ~18G Avg	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 HORIZONTAL	 Site : 03CH11-HY Condition: AVG_54 3m 9120D_01620_250915 VERTICAL

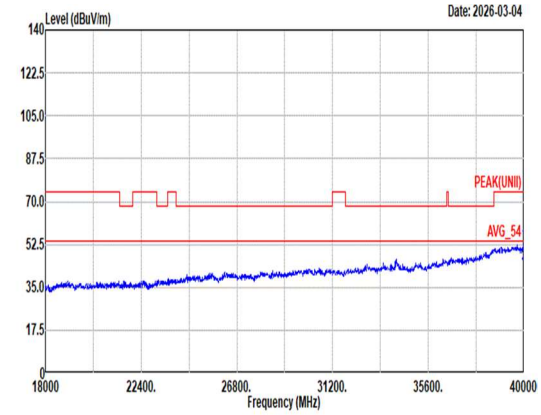
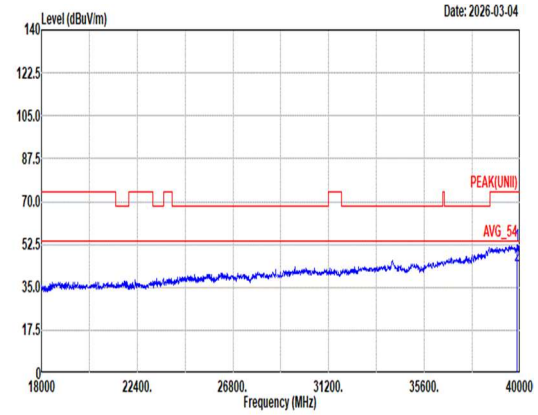
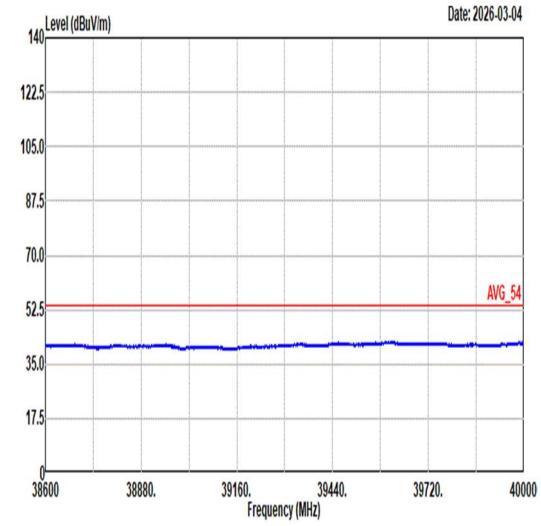
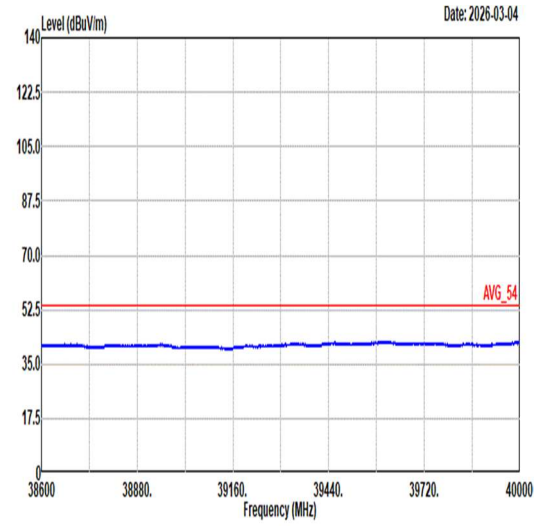
Mode	159	
	LF	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full RU_5230MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
QP/ Peak		

Site : 03CH11-HY
Condition: QP 3m Bilog_37059 & 01_251126 HORIZONTAL

	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	83.35	30.01	40.00	-9.99	46.90	13.94	1.20	32.07	0.04	--	--	Peak
2	177.44	30.55	43.50	-12.95	45.44	15.22	1.81	31.99	0.07	--	--	Peak
3	202.66	34.84	43.50	-8.66	49.77	15.17	1.91	32.03	0.02	--	--	Peak
4	289.96	26.29	46.00	-19.71	36.74	19.14	2.27	31.94	0.08	--	--	Peak
5	711.91	39.12	46.00	-6.88	39.80	26.96	3.63	31.93	0.66	--	--	Peak
6	730.34	39.58	46.00	-6.42	39.39	27.81	3.68	31.91	0.61	--	--	Peak

Site : 03CH11-HY
Condition: QP 3m Bilog_37059 & 01_251126 VERTICAL

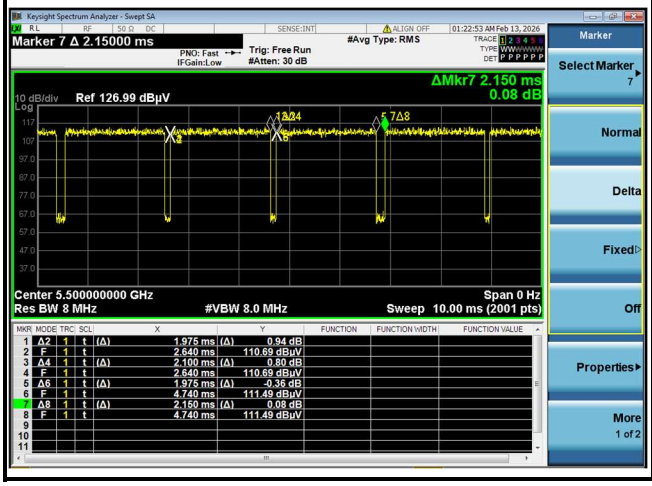
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	40.67	33.87	40.00	-6.13	45.82	19.20	0.86	32.05	0.04	100	360	QP
2	82.38	33.49	40.00	-6.51	50.55	13.77	1.19	32.06	0.04	100	359	QP
3	177.44	36.39	43.50	-7.11	51.28	15.22	1.81	31.99	0.07	--	--	Peak
4	291.90	26.70	46.00	-19.30	37.10	19.17	2.28	31.94	0.09	--	--	Peak
5	745.86	33.64	46.00	-12.36	33.04	28.20	3.73	31.89	0.56	--	--	Peak
6	866.14	33.70	46.00	-12.30	31.42	29.29	3.90	31.38	0.47	--	--	Peak

Mode	160	
	SHF	
	U-NII-1_5.15-5.25_802.11ax HE40_CH46_Full RU_5230MHz	
ANT	1+2	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH11-HY Condition: PEAK(UNII) 1m SHF_1224_250702 HORIZONTAL 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 39984.86 52.70 74.00 -21.30 39.56 44.37 34.13 55.82 -9.54 -- -- PEAK 2 39984.86 44.36 54.00 -9.64 31.22 44.37 34.13 55.82 -9.54 -- -- Average	 Site : 03CH11-HY Condition: PEAK(UNII) 1m SHF_1224_250702 VERTICAL 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 39868.97 52.40 74.00 -21.60 39.66 44.25 34.01 55.98 -9.54 -- -- PEAK 2 39868.97 43.93 54.00 -10.07 31.19 44.25 34.01 55.98 -9.54 -- -- Average
Avg	 Site : 03CH11-HY Condition: AVG_54 1m SHF_1224_250702 Horizontal	 Site : 03CH11-HY Condition: AVG_54 1m SHF_1224_250702 Vertical

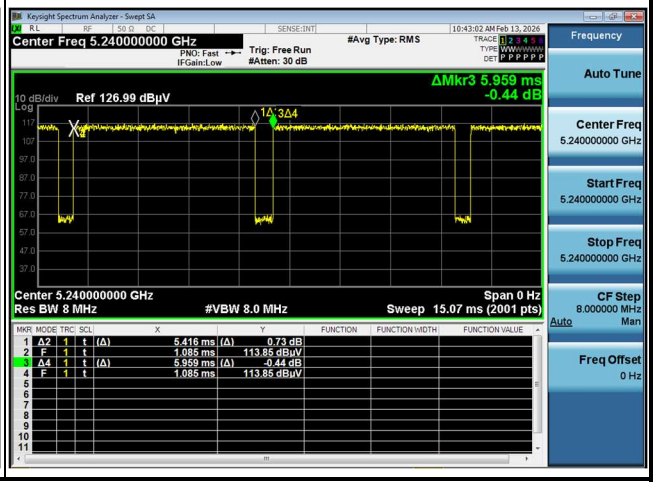
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle (%)	Duty Factor(dB)
1+2	802.11a	91.86	0.37
1+2	5GHz 802.11n HT20	90.89	0.41
1+2	5GHz 802.11n HT40	91.88	0.37
1+2	5GHz 802.11ac VHT80	91.11	0.40
1+2	5GHz 802.11ac VHT160	89.75	0.47
1+2	5GHz 802.11ax HE20 Full RU	91.14	0.40
1+2	5GHz 802.11ax HE40 Full RU	92.22	0.35
1+2	5GHz 802.11ax HE80 Full RU	91.14	0.40
1+2	5GHz 802.11ax HE160 Full RU	91.65	0.38

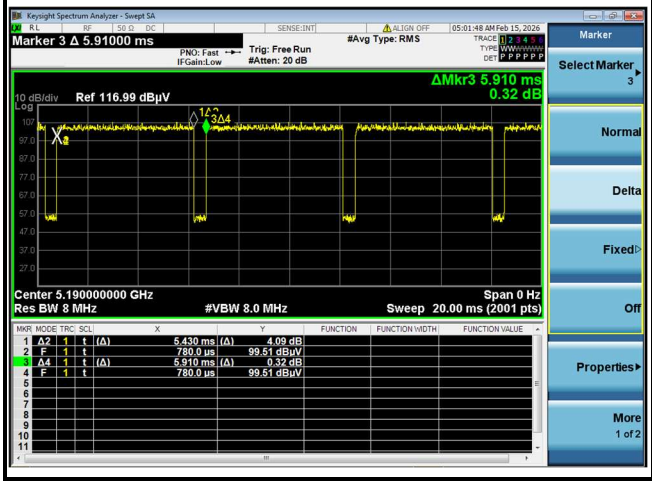
802.11a



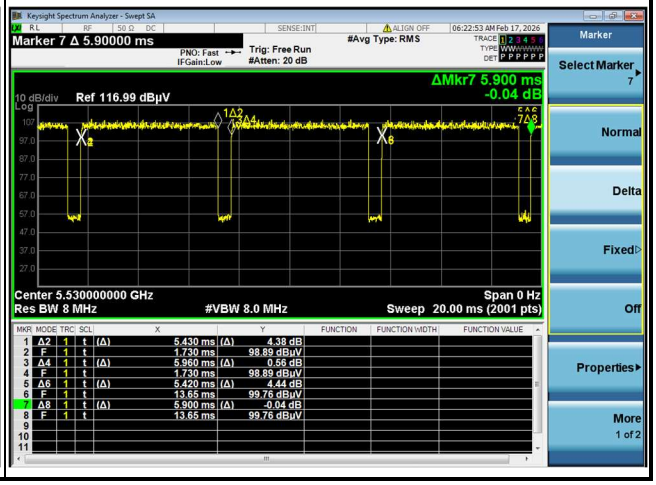
5GHz 802.11n HT20



5GHz 802.11n HT40



5GHz 802.11ac VHT80



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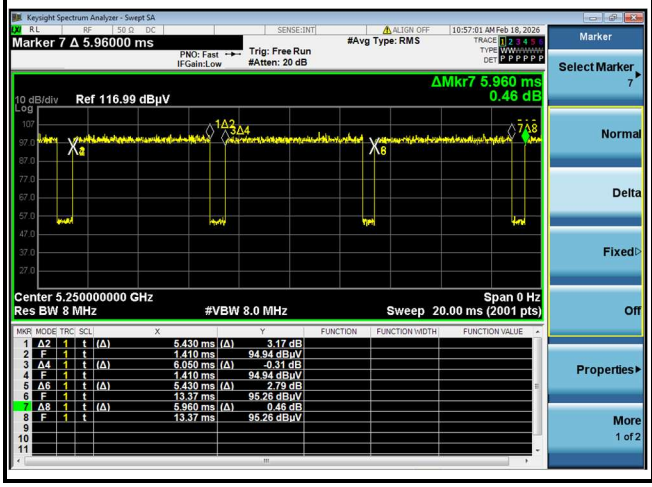
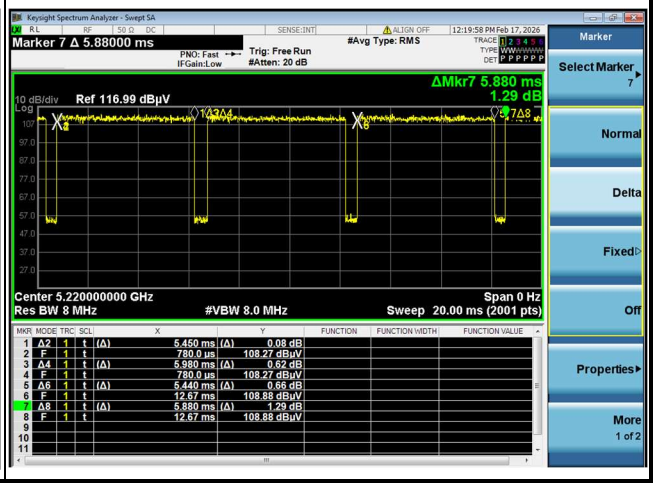
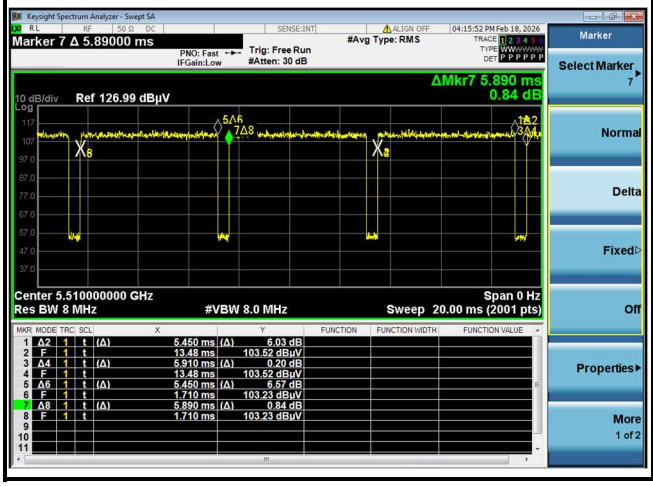


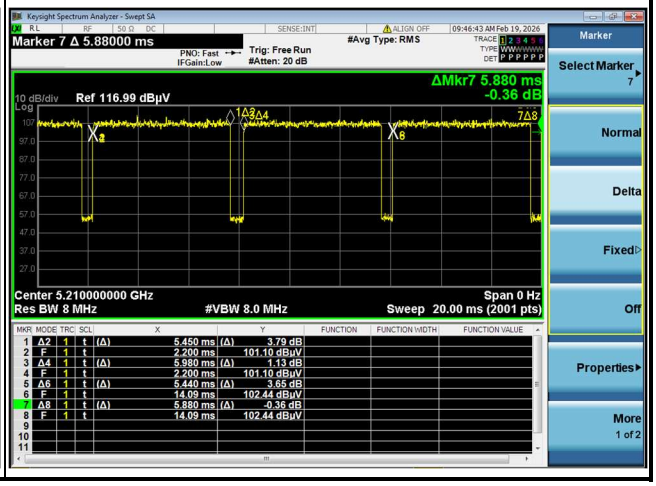
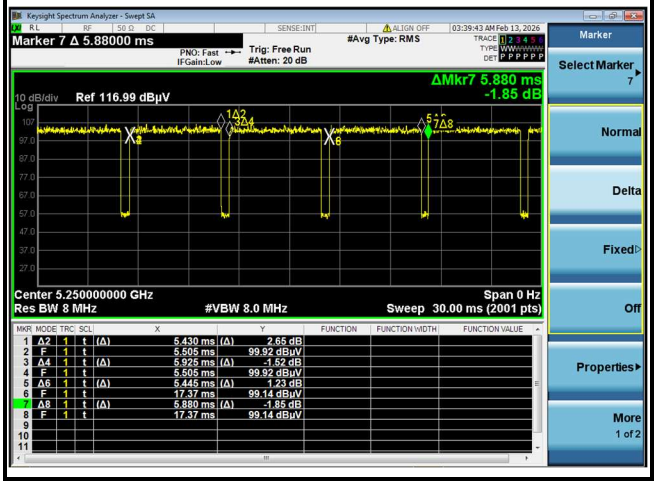
5GHz 802.11ax HE20 Full RU



5GHz 802.11ax HE40 Full RU



5GHz 802.11ax HE80 Full RU



5GHz 802.11ax HE160 Full RU