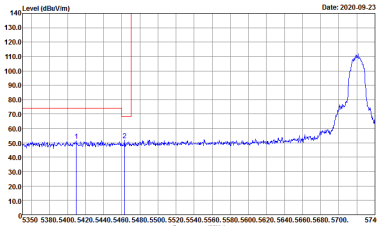
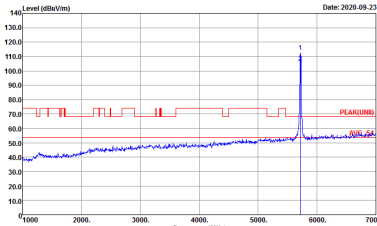
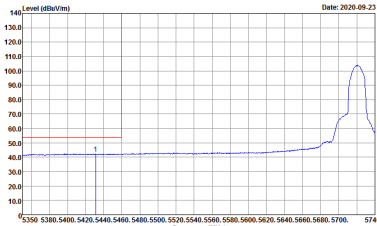
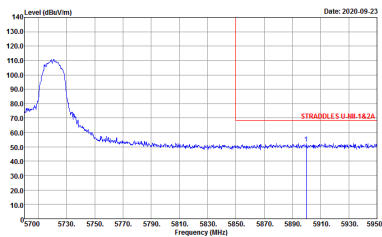




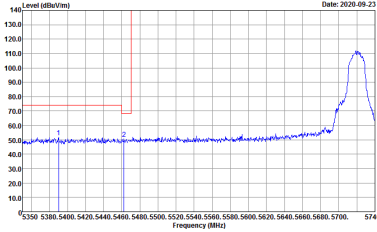
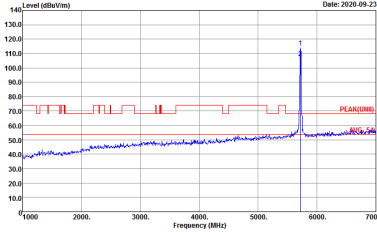
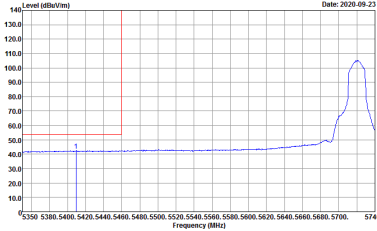
Band 3 – Straddle Channel
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	Left blank

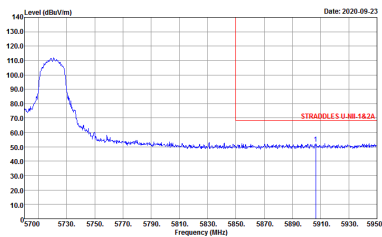


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : DSK415-499 Condition : STRADDLES U-NIT-142A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 081931	Left blank



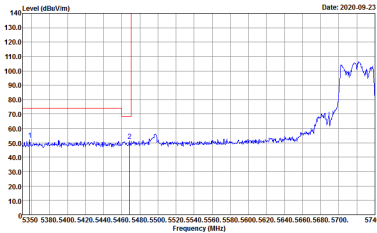
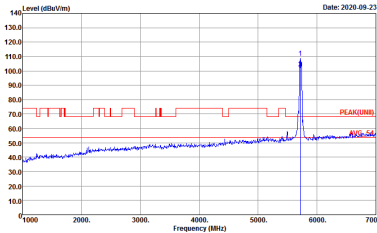
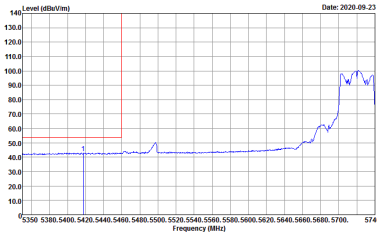
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NII-1A2A 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931
Avg.	 Site : 03CH15-HY Condition : U-NII-1A2A AVERAGE 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931	Left blank



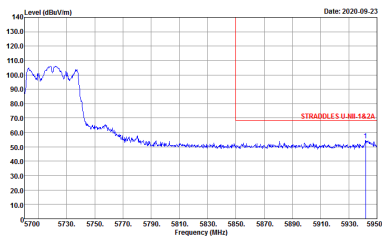
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : D8CH15-49V Condition : STRADDLES U-NIT-142A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 081931	Left blank



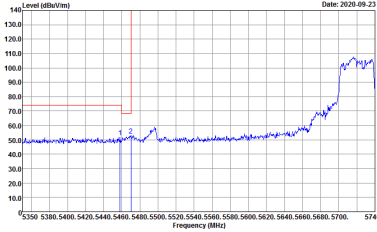
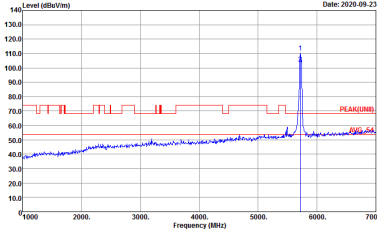
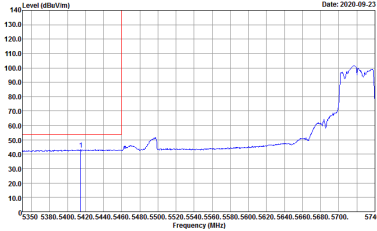
Band 3 – Straddle Channel
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	Left blank

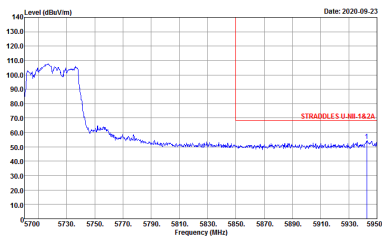


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 08CH15-49V Condition : STRADDLES U-NIT-142A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 081931	Left blank



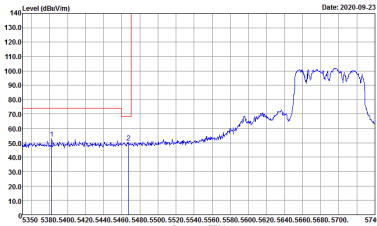
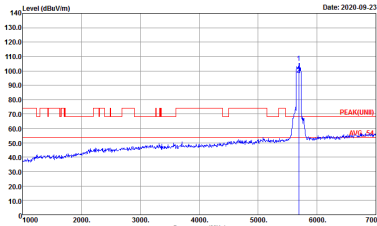
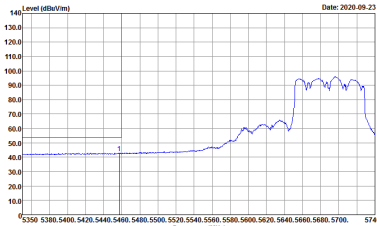
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NII-1A2A 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931
Avg.	 Site : 03CH15-HY Condition : U-NII-1A2A AVERAGE 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931	Left blank



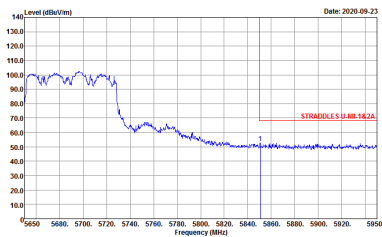
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : DSK415-VV Condition : STRADDLES U-NII-142A 3m 91200_15_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Project : 081931	Left blank



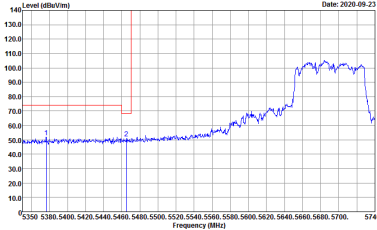
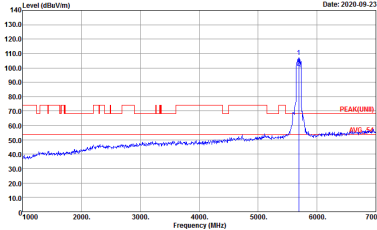
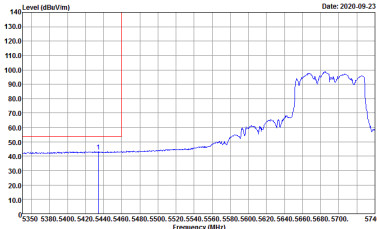
Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NIT-1A2A 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931
Avg.	 Site : 03CH15-HY Condition : U-NIT-1A2A AVERAGE 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	Left blank

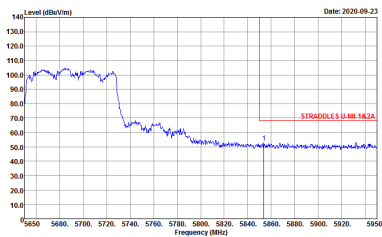


WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : D8CH15-49V Condition : STRADDLES U-NIT-1A2A 3m 91200_15_1620 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 081931	Left blank



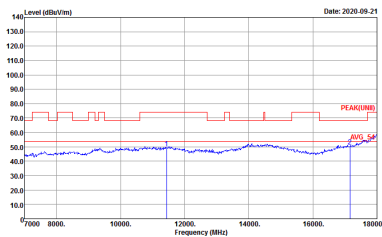
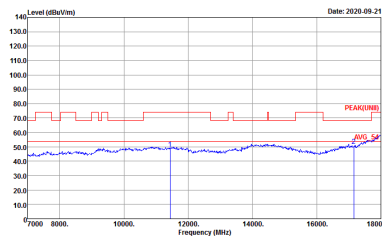
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : STRADDLES U-NII-1A2A 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931
Avg.	 Site : 03CH15-HY Condition : U-NII-1A2A AVERAGE 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : D8CH15-49V Condition : STRADDLES U-NIT-1A2A 3m 91200_15_1620 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 081931	Left blank

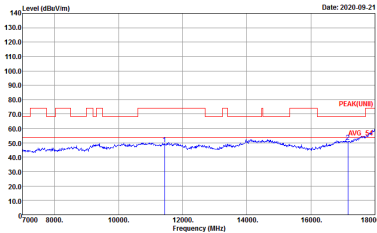
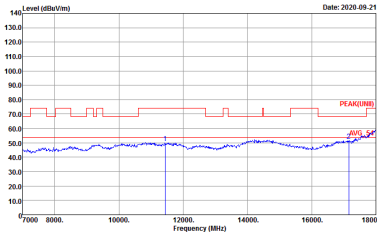


Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931

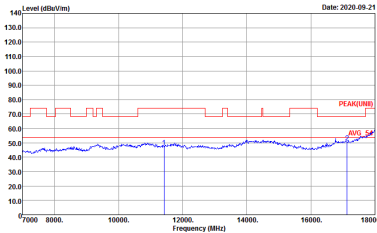
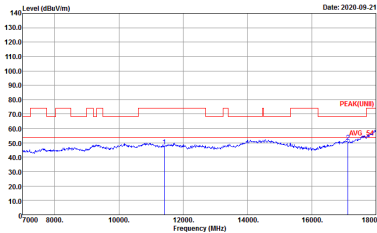


Band 3 – Straddle Channel
WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT20 CH144 5720MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931

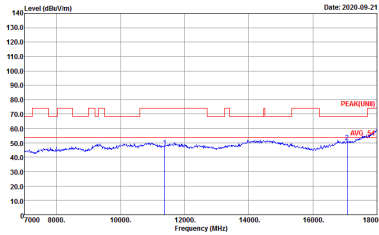
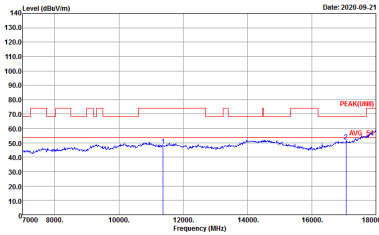


Band 3 – Straddle Channel
WIFI 802.11ac VHT40 (Harmonic @ 3m)

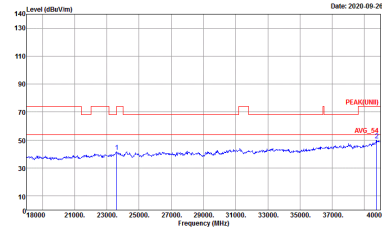
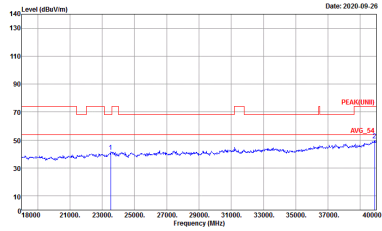
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT40 CH142 5710MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931



Band 3 – Straddle Channel
WIFI 802.11ac VHT80 (Harmonic @ 3m)

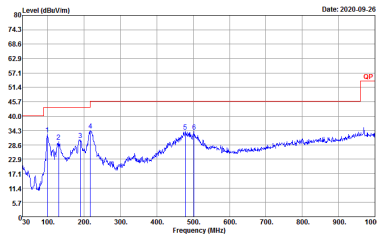
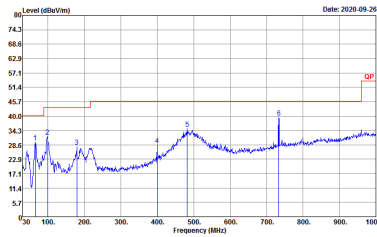
WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ac VHT80 CH138 5690MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UNIT) 3m 91200_15_1620 VERTICAL Detector : Peak Project : 081931

Emission above 18GHz
5GHz WIFI 802.11ac VHT40 (SHF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT40 SHF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : PEAK(UMI) Im SHF HORN BBHA9170584 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : PEAK(UMI) Im SHF HORN BBHA9170584 VERTICAL Detector : Peak Project : 081931



Emission below 1GHz
5GHz WIFI 802.11ac VHT40 (LF)

WIFI	5GHz WIFI	
ANT	802.11ac VHT40 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : QP 3m B1LOG_15_41912 HORIZONTAL Detector : Peak Project : 081931	 Site : 03CH15-HY Condition : QP 3m B1LOG_15_41912 VERTICAL Detector : Peak Project : 081931



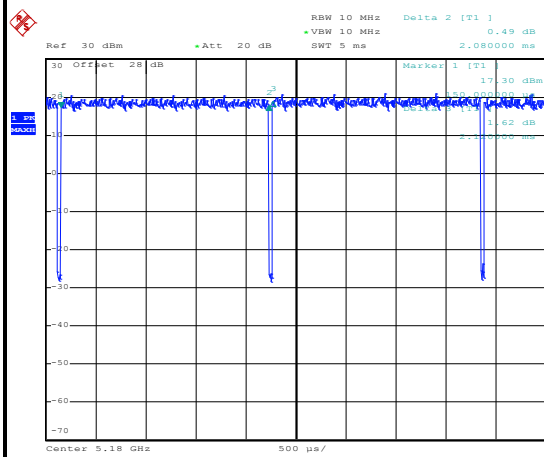
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
1+2	802.11a for Ant. 1	98.11	-	-	10Hz	0.08
1+2	802.11a for Ant. 2	98.11	-	-	10Hz	0.08
1+2	5GHz 802.11ac VHT20 for Ant. 1	97.48	1935	0.52	1kHz	0.11
1+2	5GHz 802.11ac VHT20 for Ant. 2	97.73	1935	0.52	1kHz	0.10
1+2	5GHz 802.11ac VHT40 for Ant. 1	95.98	955	1.05	3kHz	0.18
1+2	5GHz 802.11ac VHT40 for Ant. 2	95.48	950	1.05	3kHz	0.20
1+2	5GHz 802.11ac VHT80 for Ant. 1	92.08	465	2.15	3kHz	0.36
1+2	5GHz 802.11ac VHT80 for Ant. 2	92.08	465	2.15	3kHz	0.36



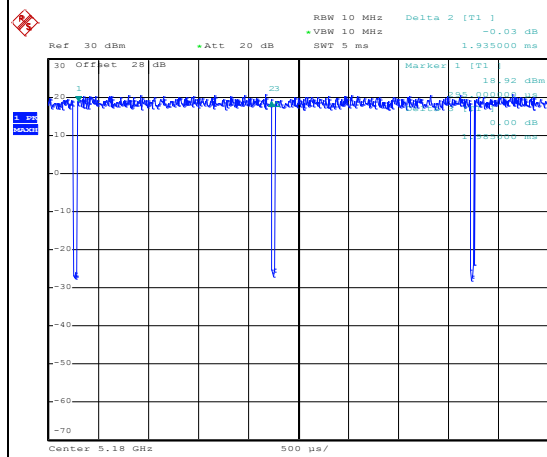
MIMO <Ant. 1>

802.11a



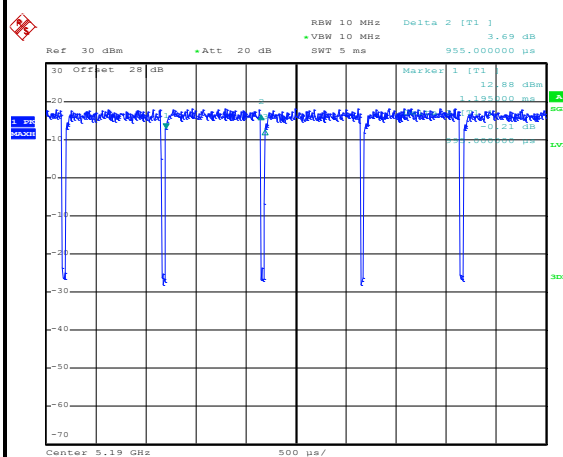
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802.11ac VHT20



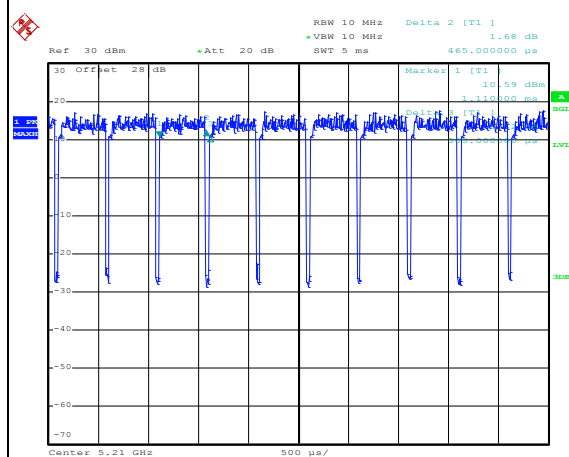
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802.11ac VHT40



Date: 10.SEP.2020 16:02:17

802.11ac VHT80



Date: 10.SEP.2020 16:04:16

