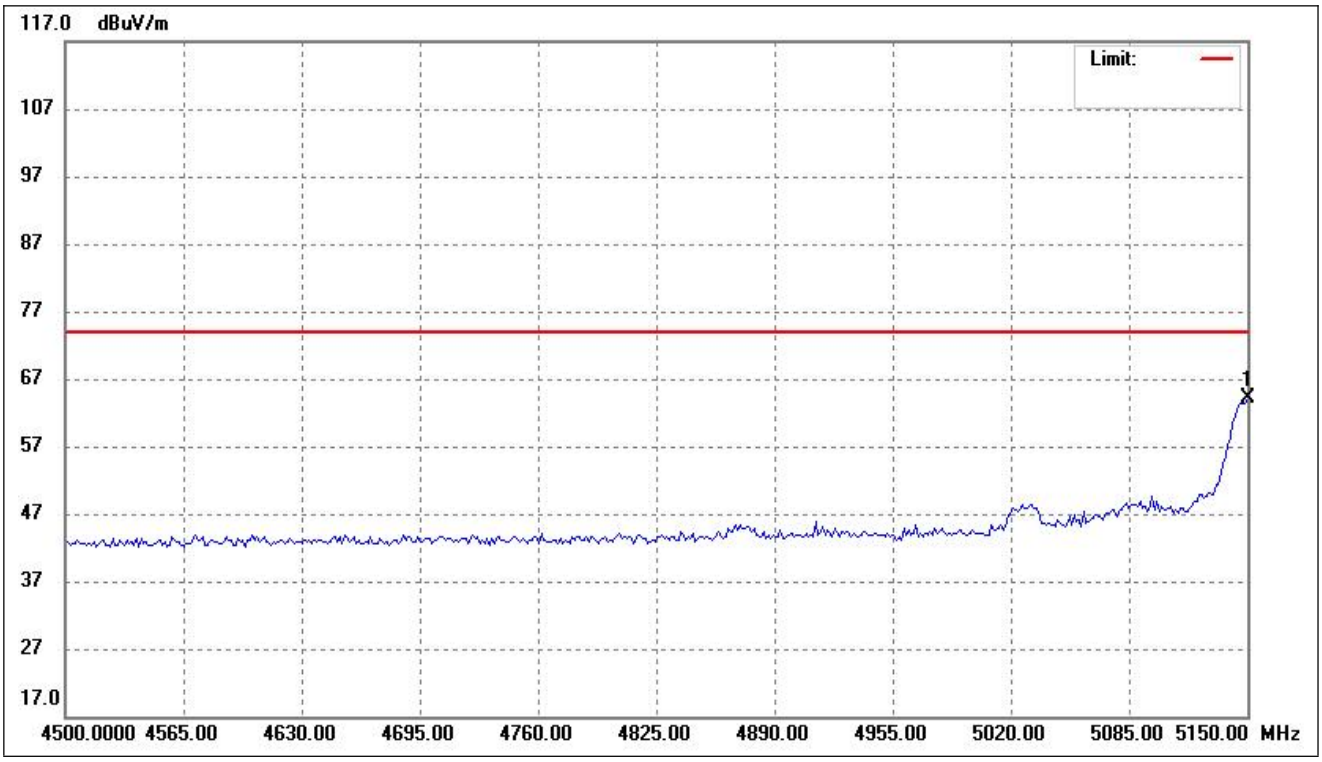
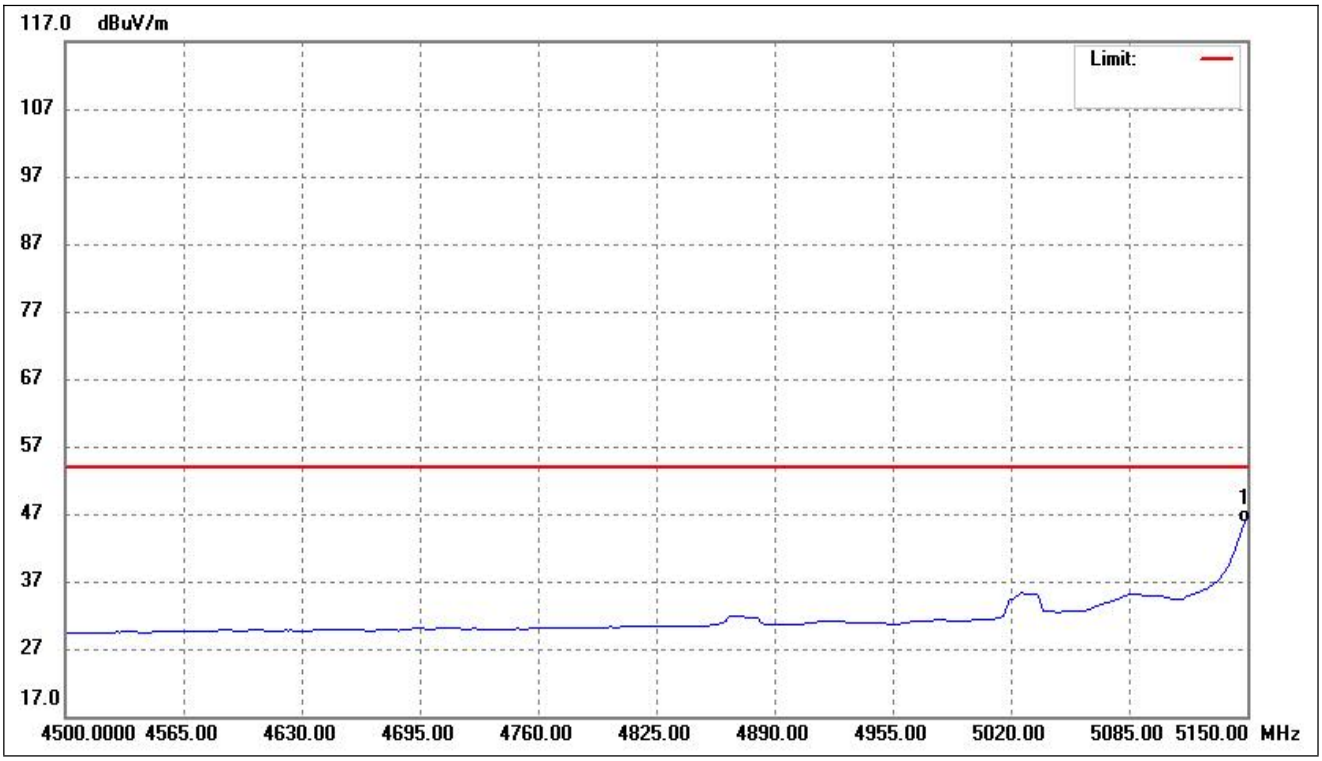
802.11ac-HT20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



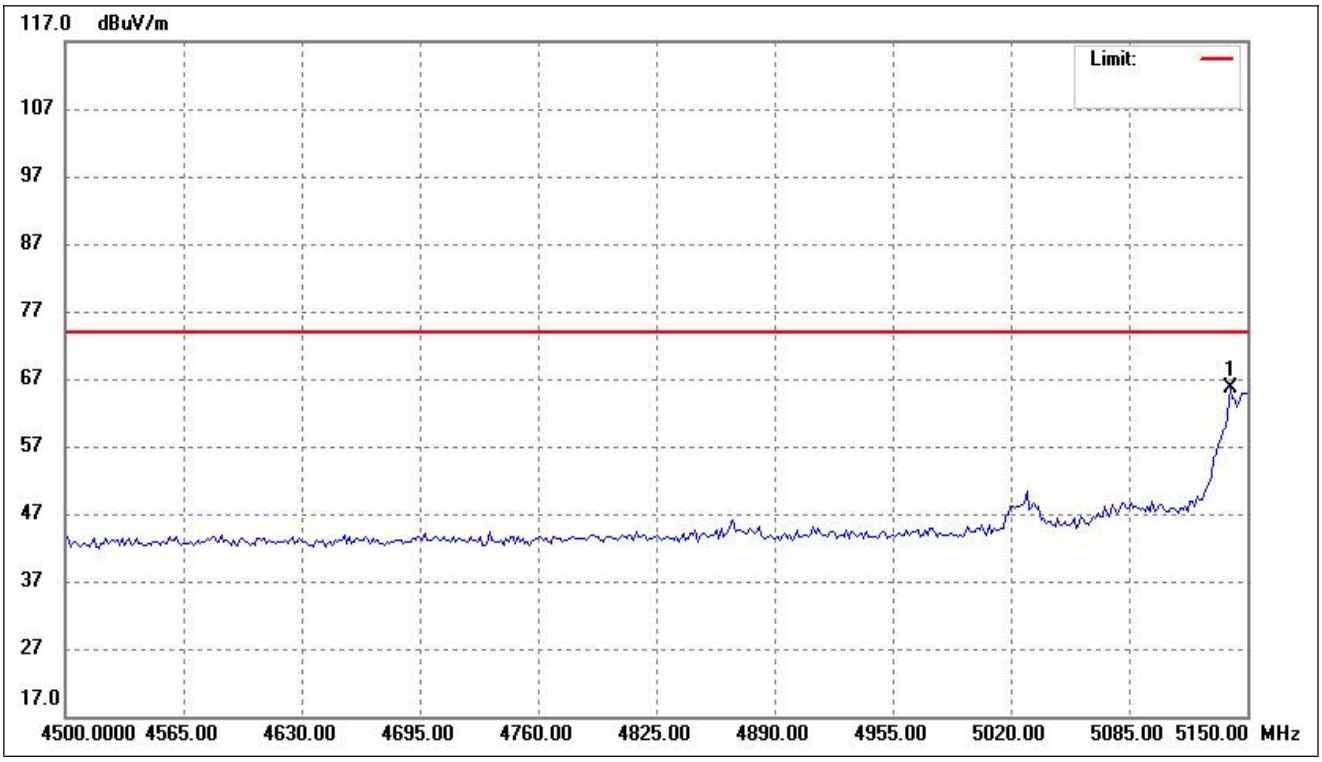
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	75.74	-11.66	64.08	74.00	-9.92	-	-	peak

802.11ac-HT20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



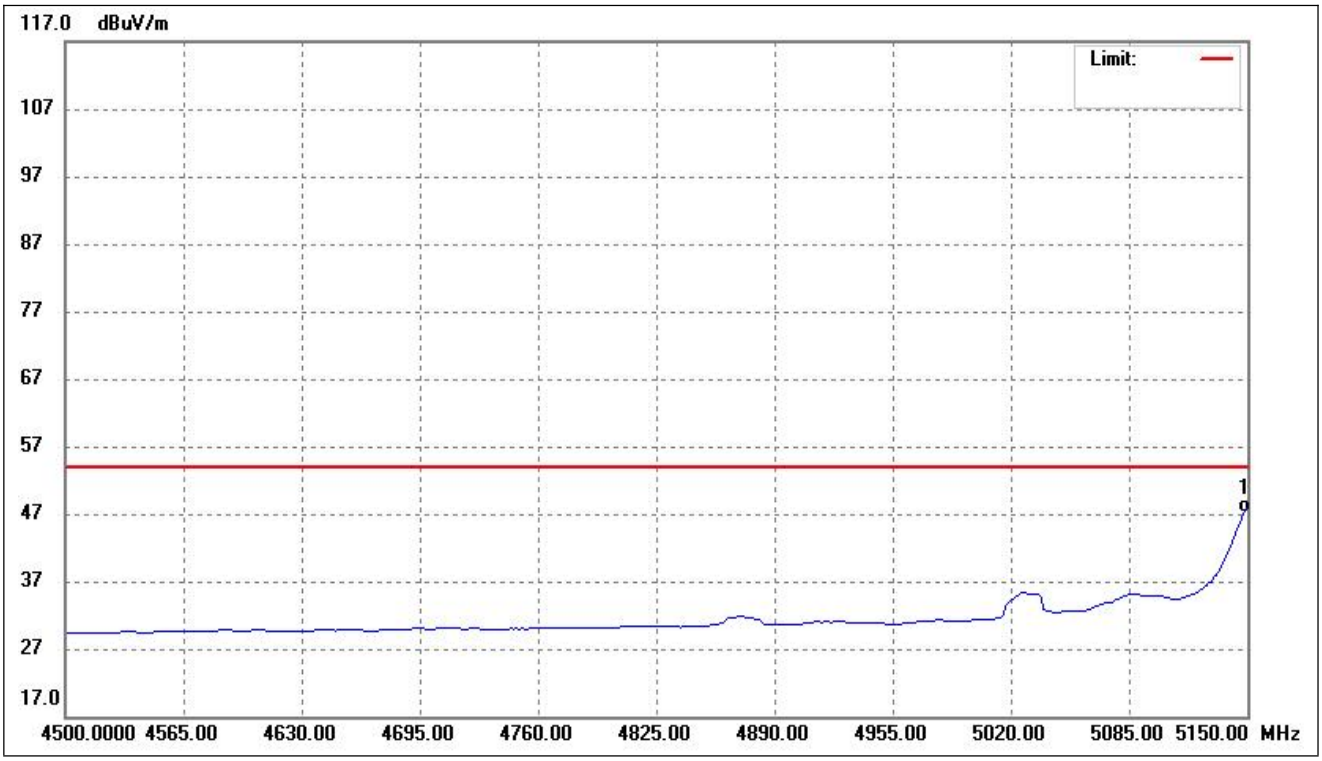
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	58.21	-11.66	46.55	54.00	-7.45	-	-	AVG

802.11ax-HE20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



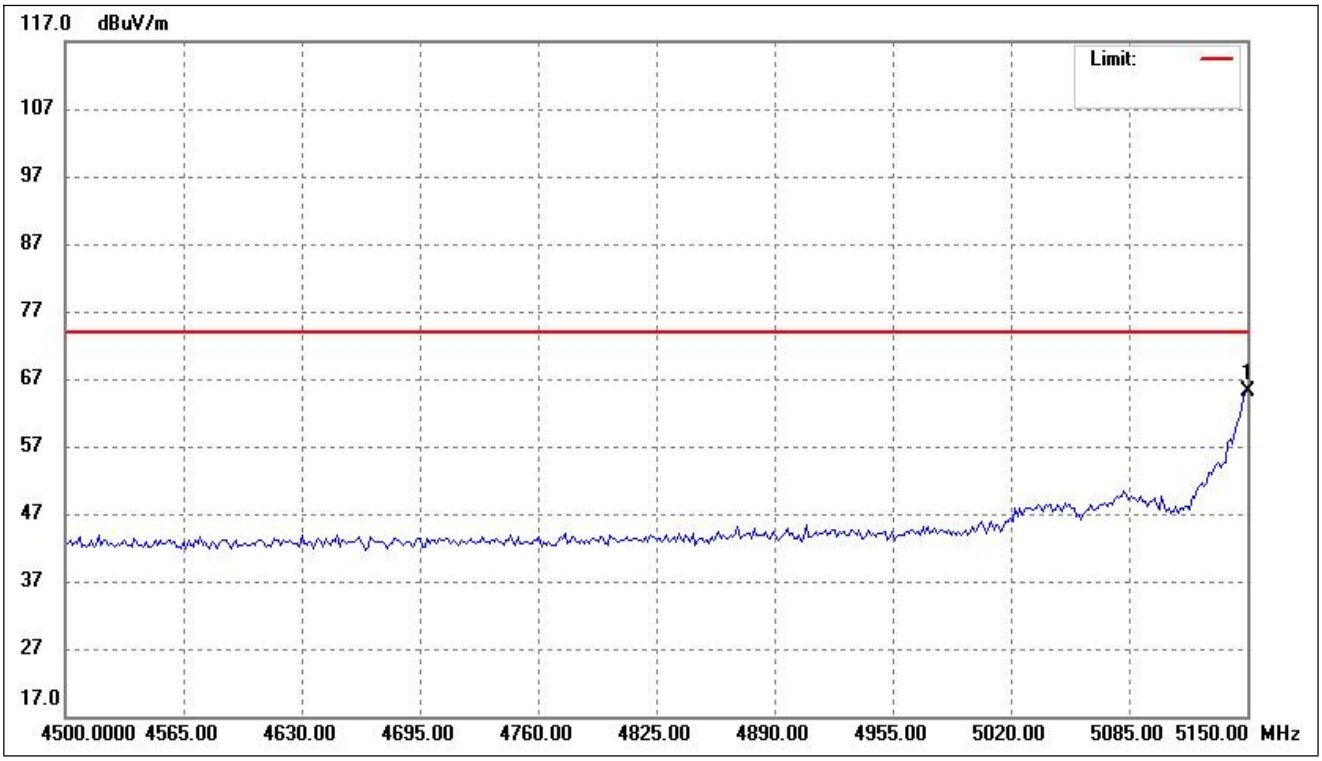
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5140.882	77.38	-11.70	65.68	74.00	-8.32	-	-	peak

802.11ax-HE20- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



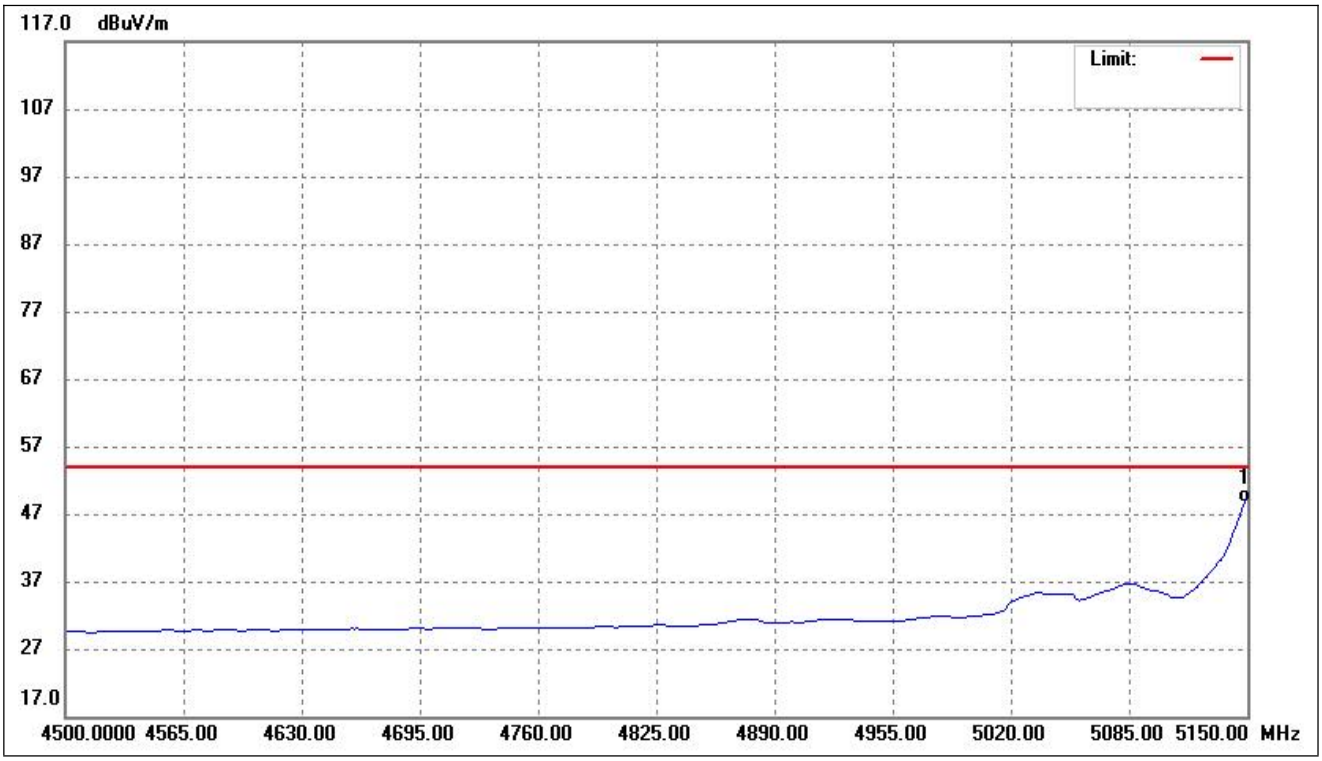
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	59.71	-11.66	48.05	54.00	-5.95	-	-	AVG

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



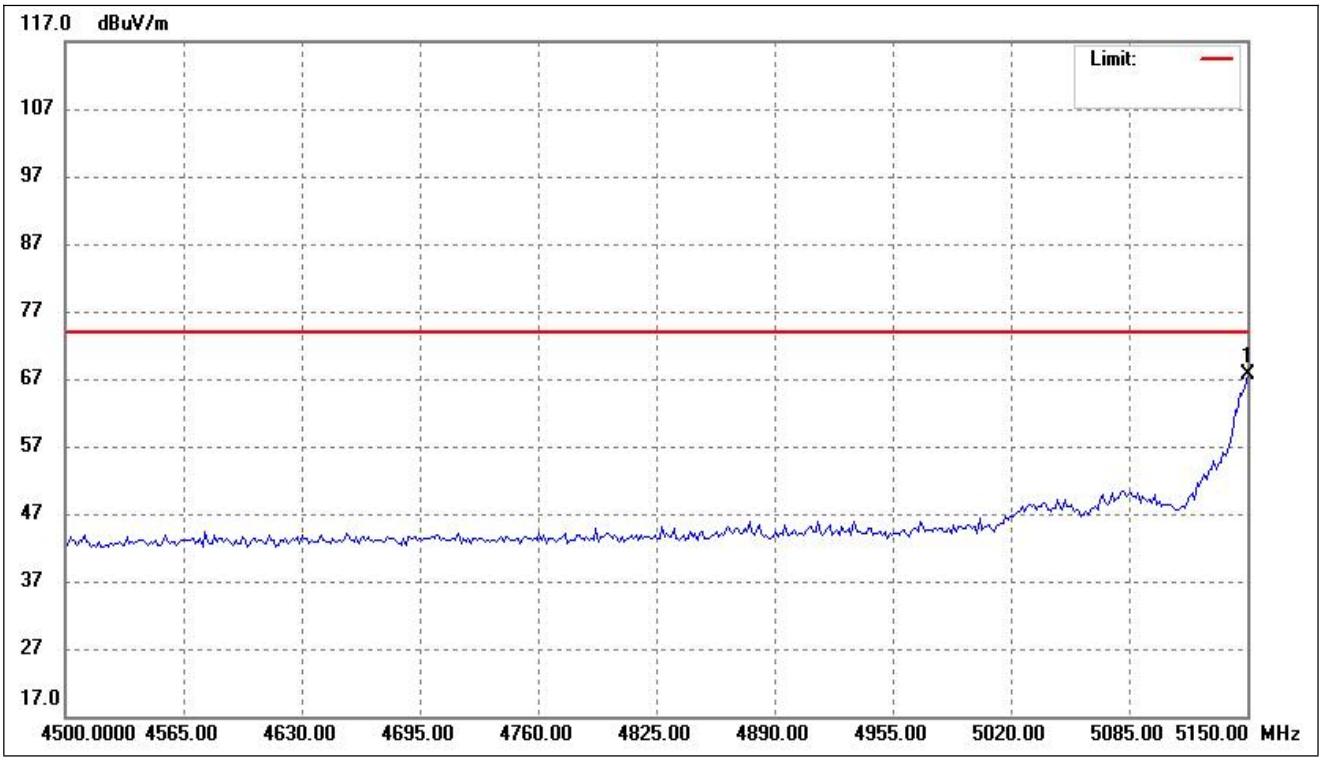
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	76.90	-11.65	65.25	74.00	-8.75	-	-	peak

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



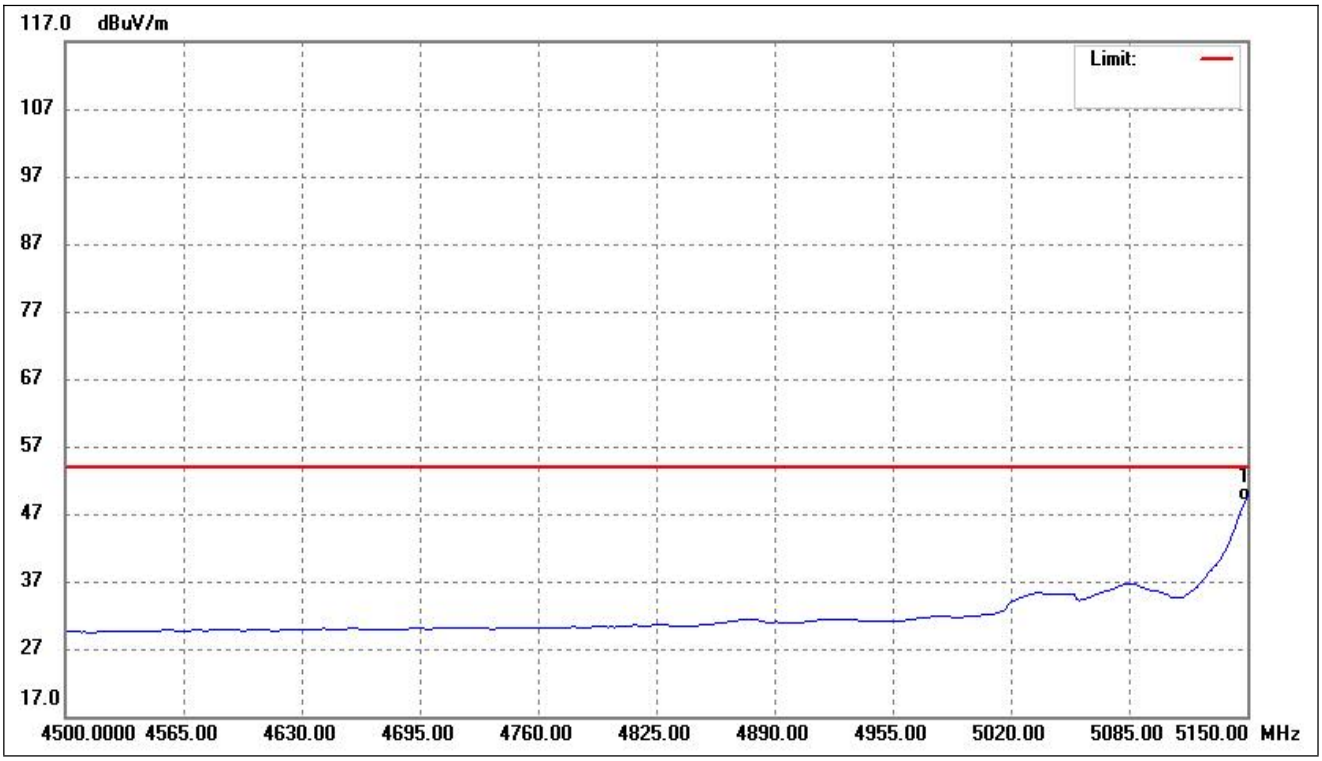
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	61.34	-11.66	49.68	54.00	-4.32	-	-	AVG

802.11ac-HT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



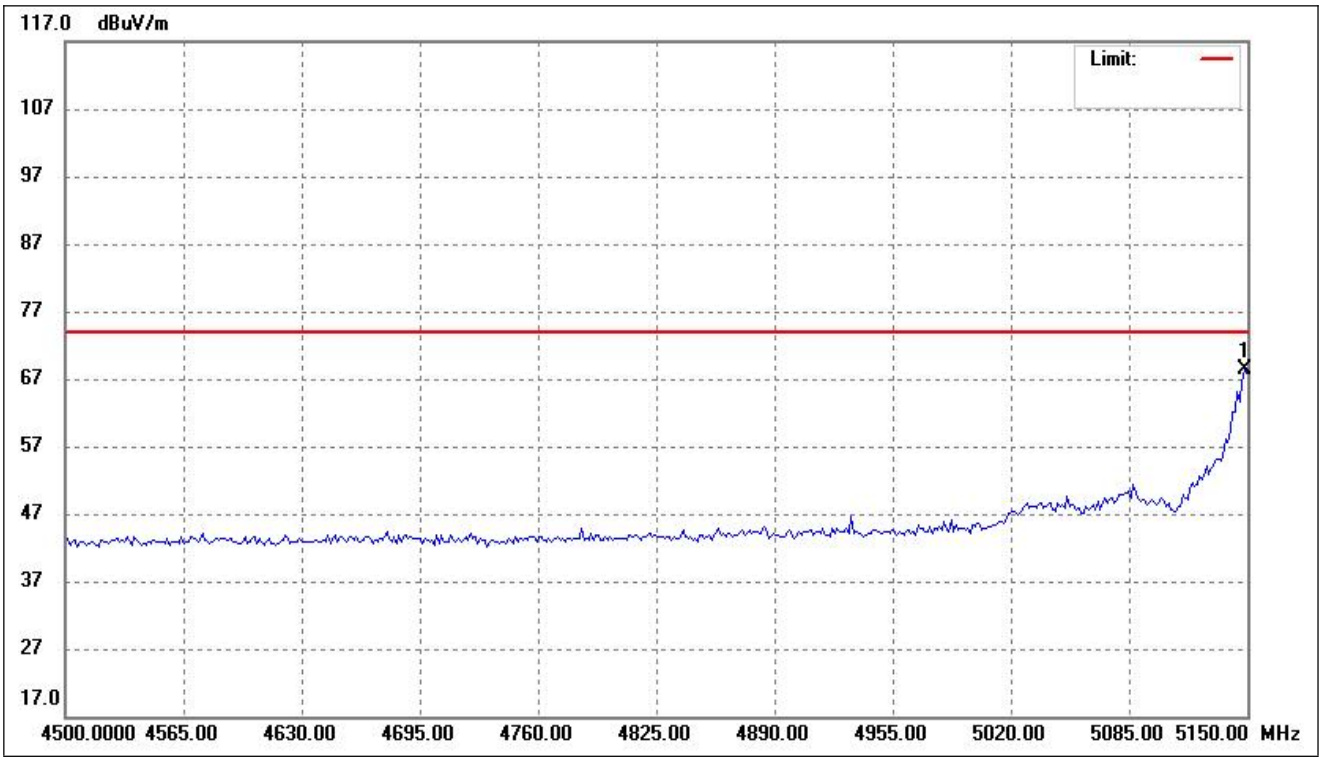
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	79.24	-11.66	67.58	74.00	-6.42	-	-	peak

802.11ac-HT40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



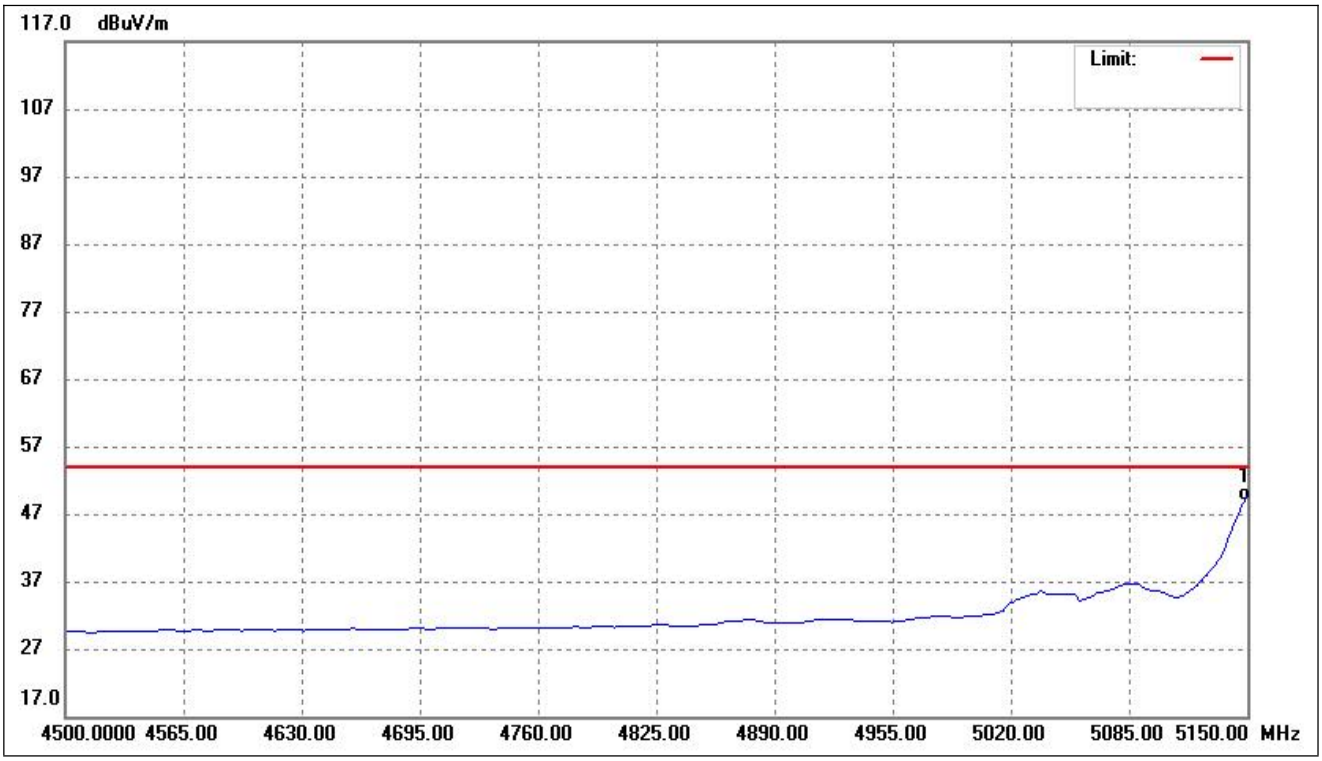
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	61.48	-11.66	49.82	54.00	-4.18	-	-	AVG

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



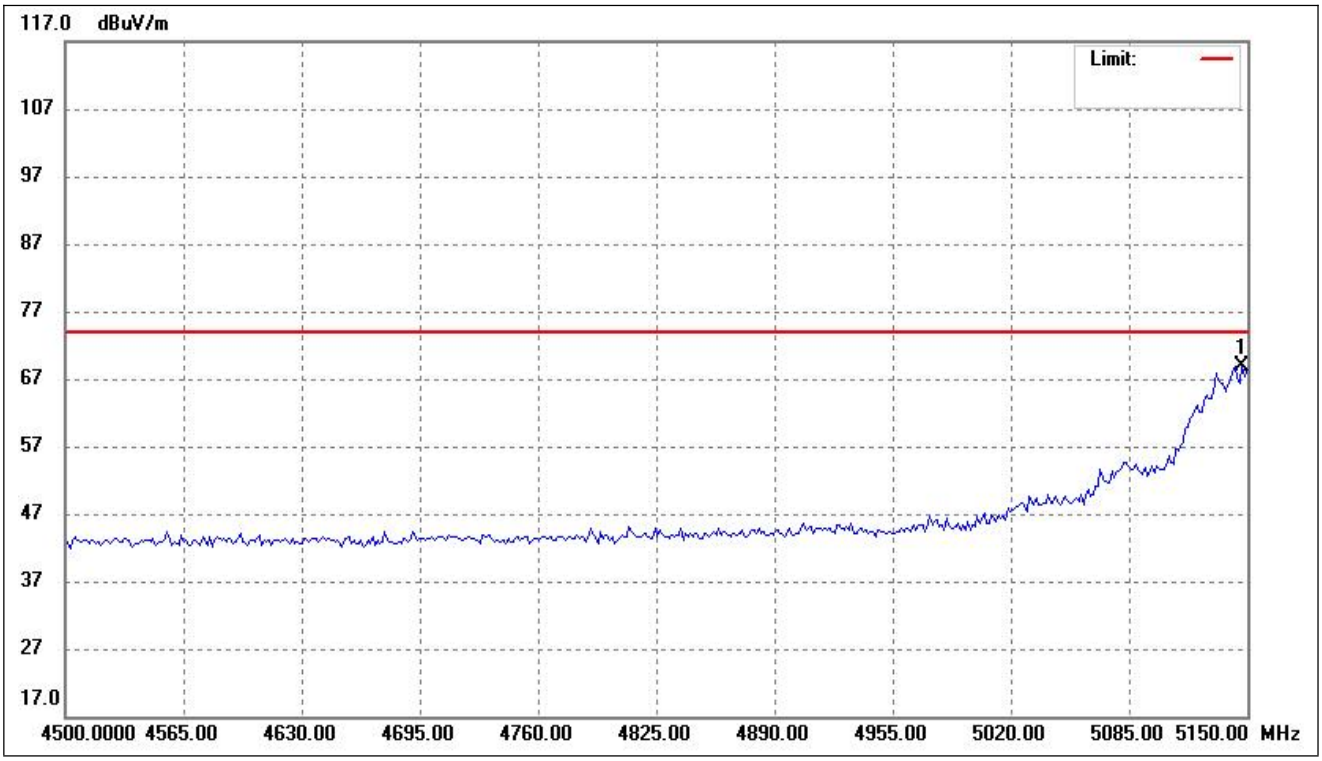
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5148.697	80.16	-11.66	68.50	74.00	-5.50	-	-	peak

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



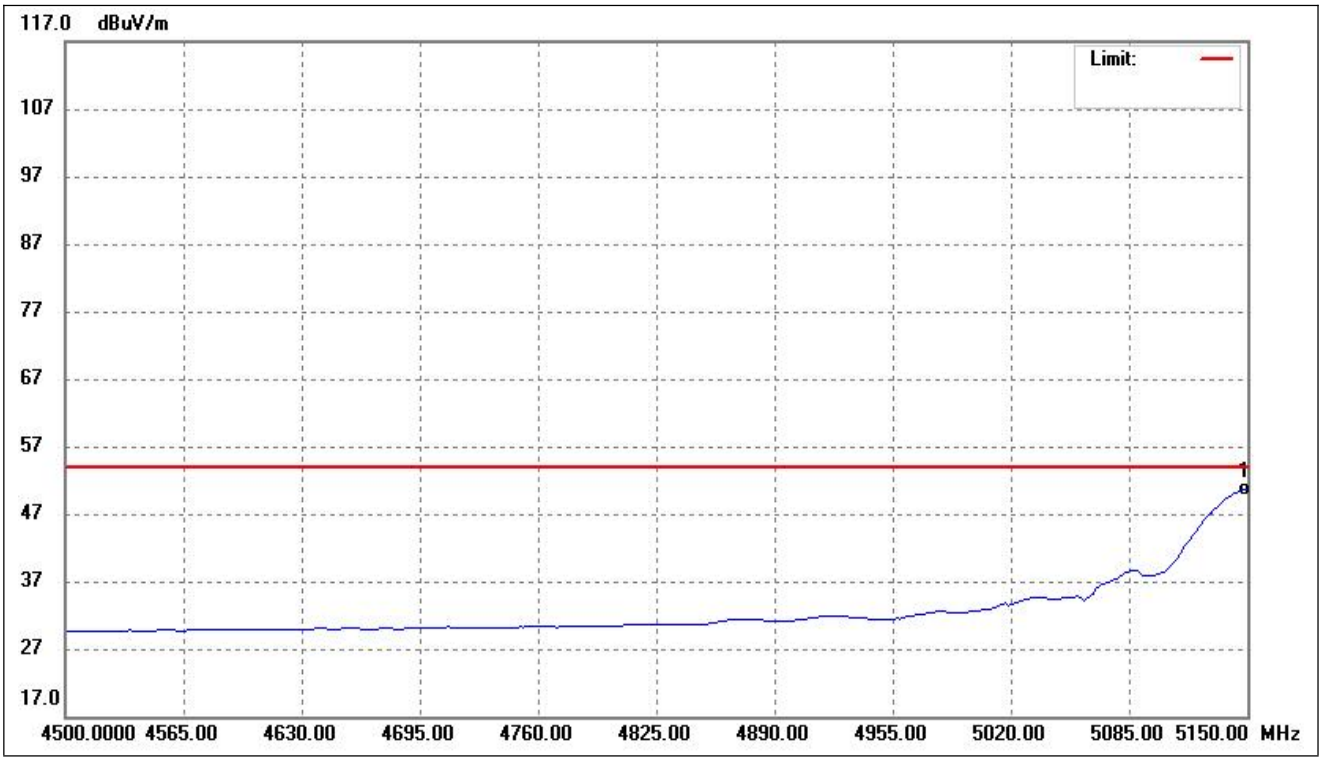
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	61.43	-11.66	49.77	54.00	-4.23	-	-	AVG

802.11ac-HT80- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



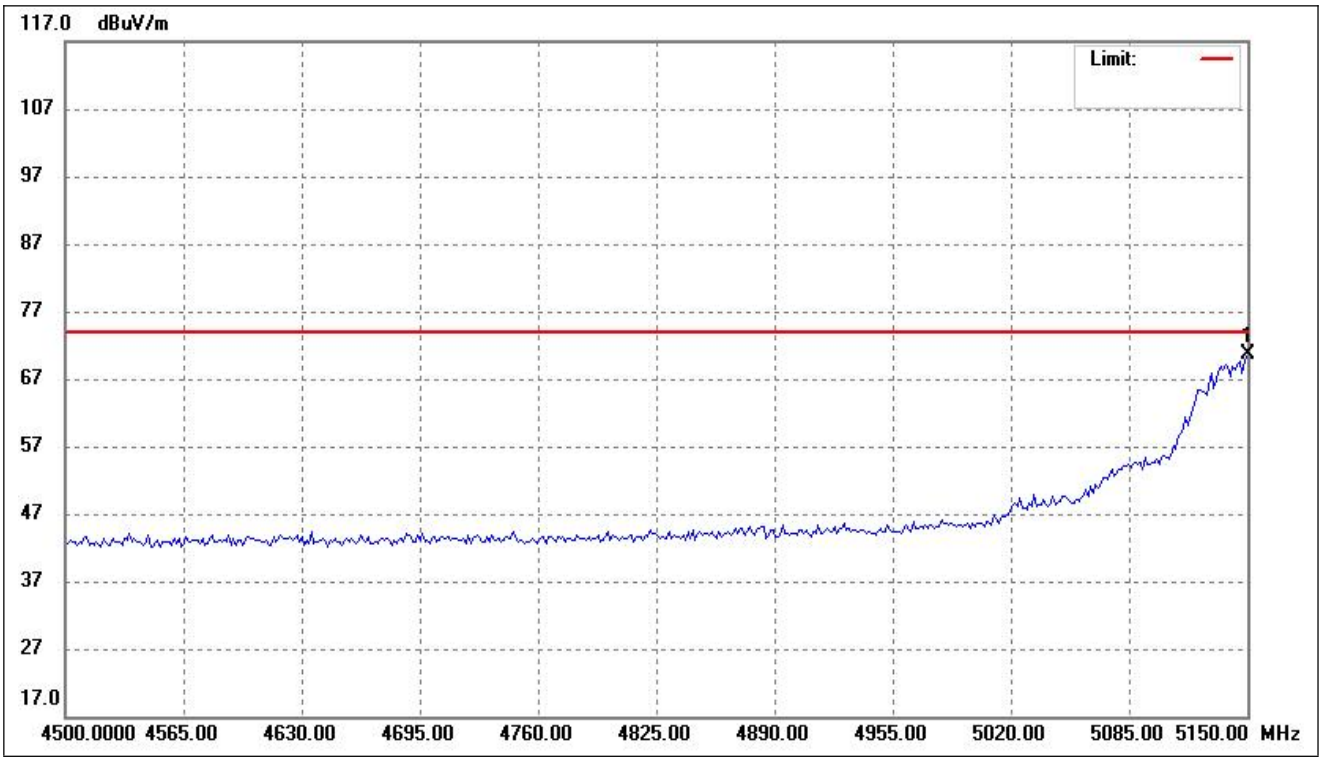
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5147.395	80.54	-11.67	68.87	74.00	-5.13	-	-	peak

802.11ac-HT80- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



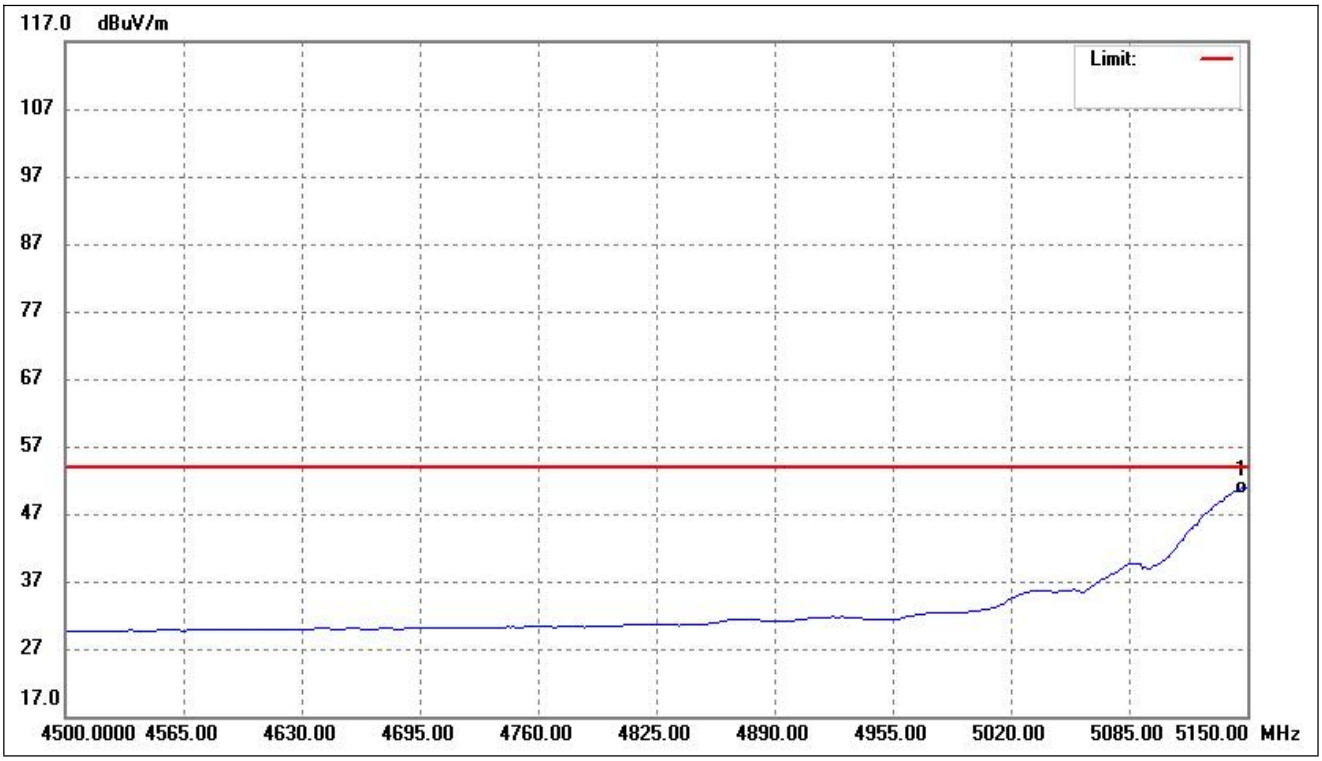
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5148.697	62.30	-11.66	50.64	54.00	-3.36	-	-	AVG

802.11ax-HE80- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



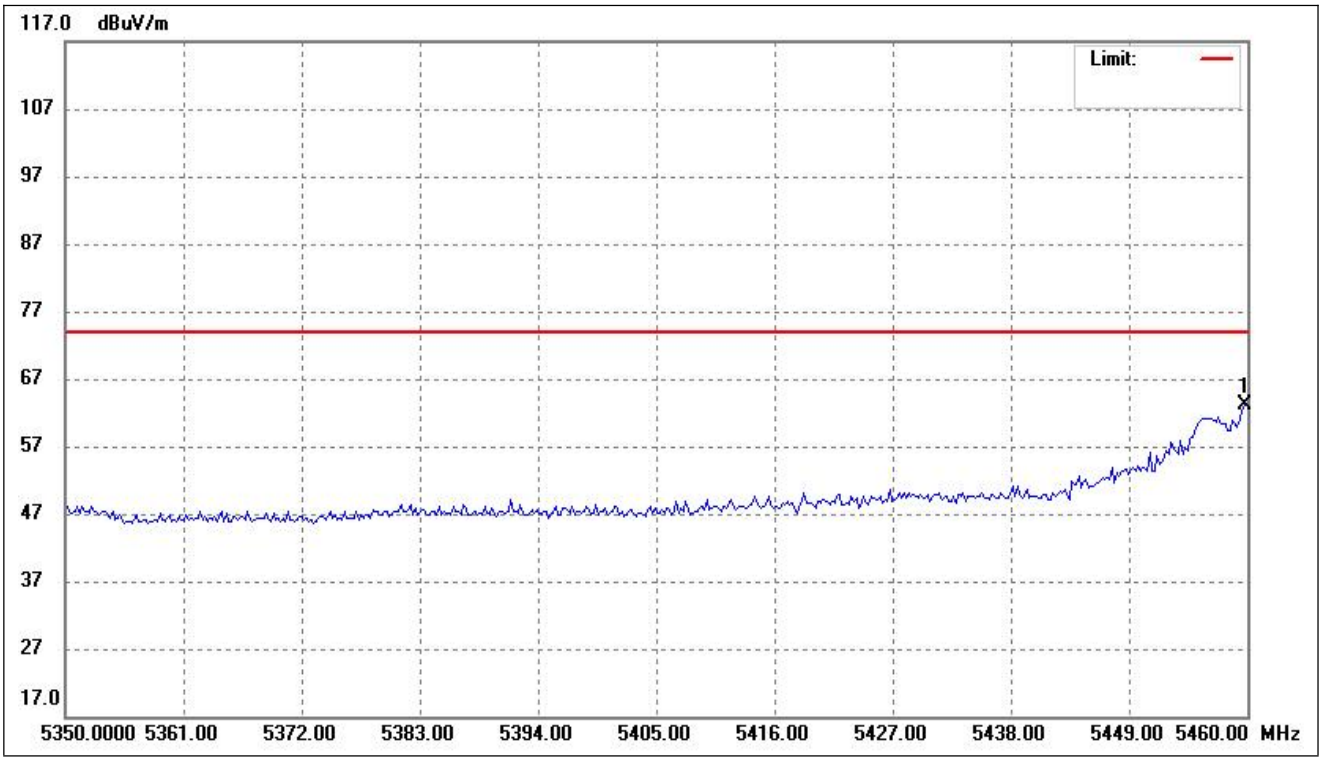
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5150.000	82.32	-11.66	70.66	74.00	-3.34	-	-	peak

802.11ax-HE80- Restricted Bandedge			
Test Channel	band 5.15-5.25GHz	Polarity:	Horizontal(worst case)



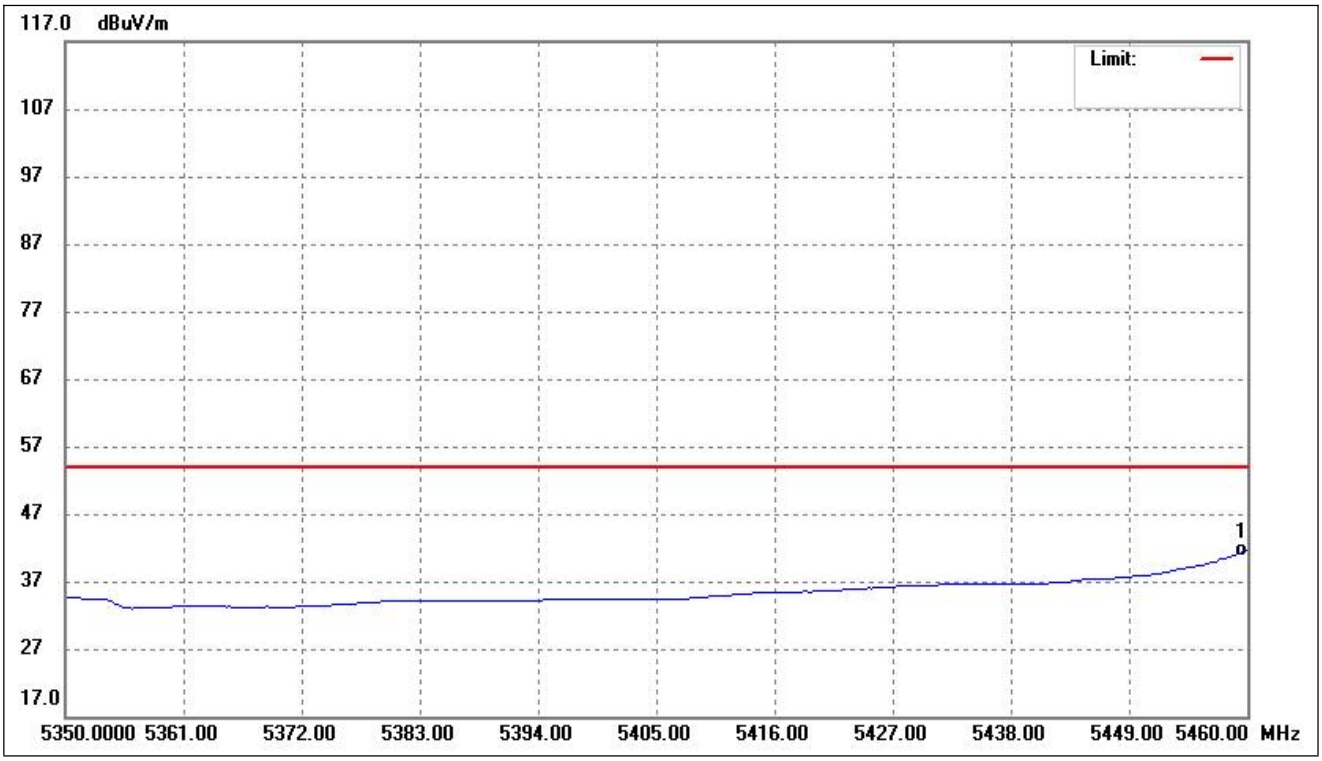
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5147.395	62.48	-11.67	50.81	54.00	-3.19	-	-	AVG

802.11a- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



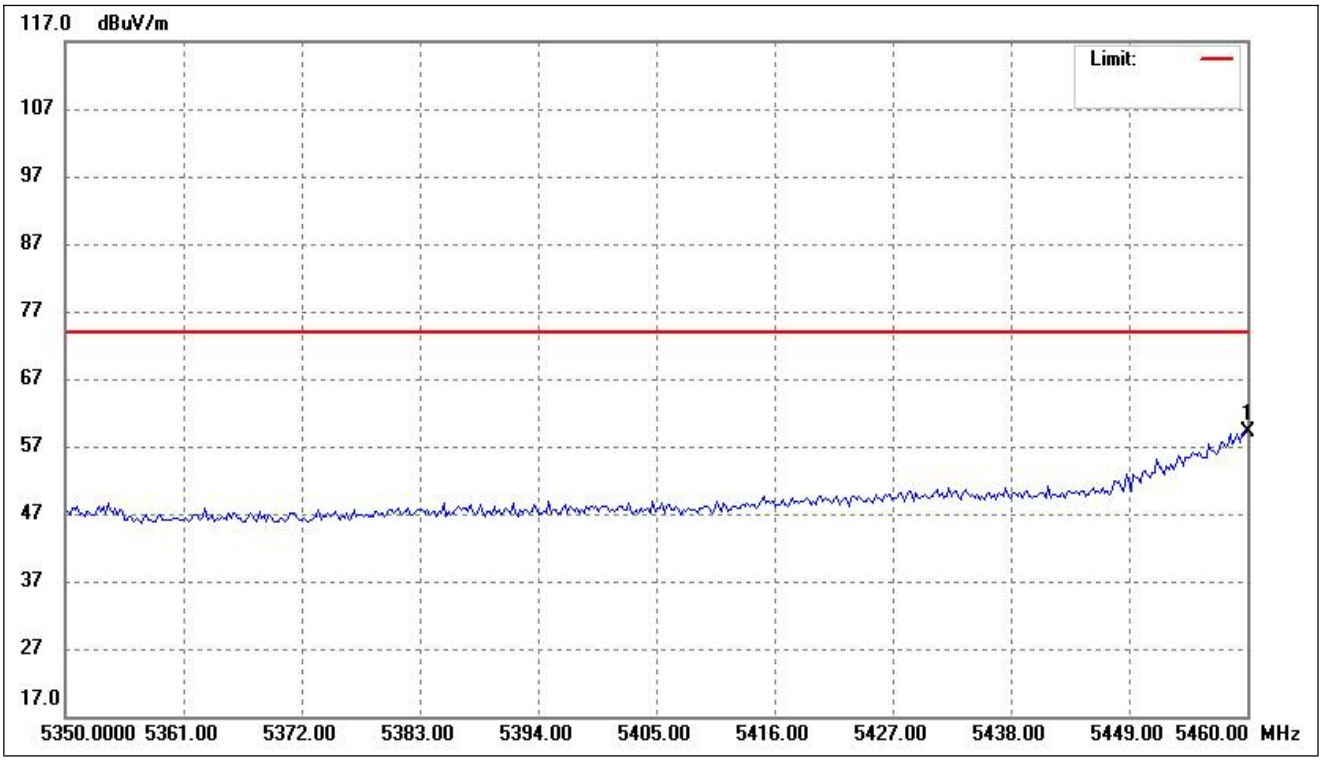
No.	Frequency	Reading	Corr.	Result	Limit	Margin	Deg.	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5459.780	73.37	-10.13	63.24	74.00	-10.76	-	-	peak

802.11a- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



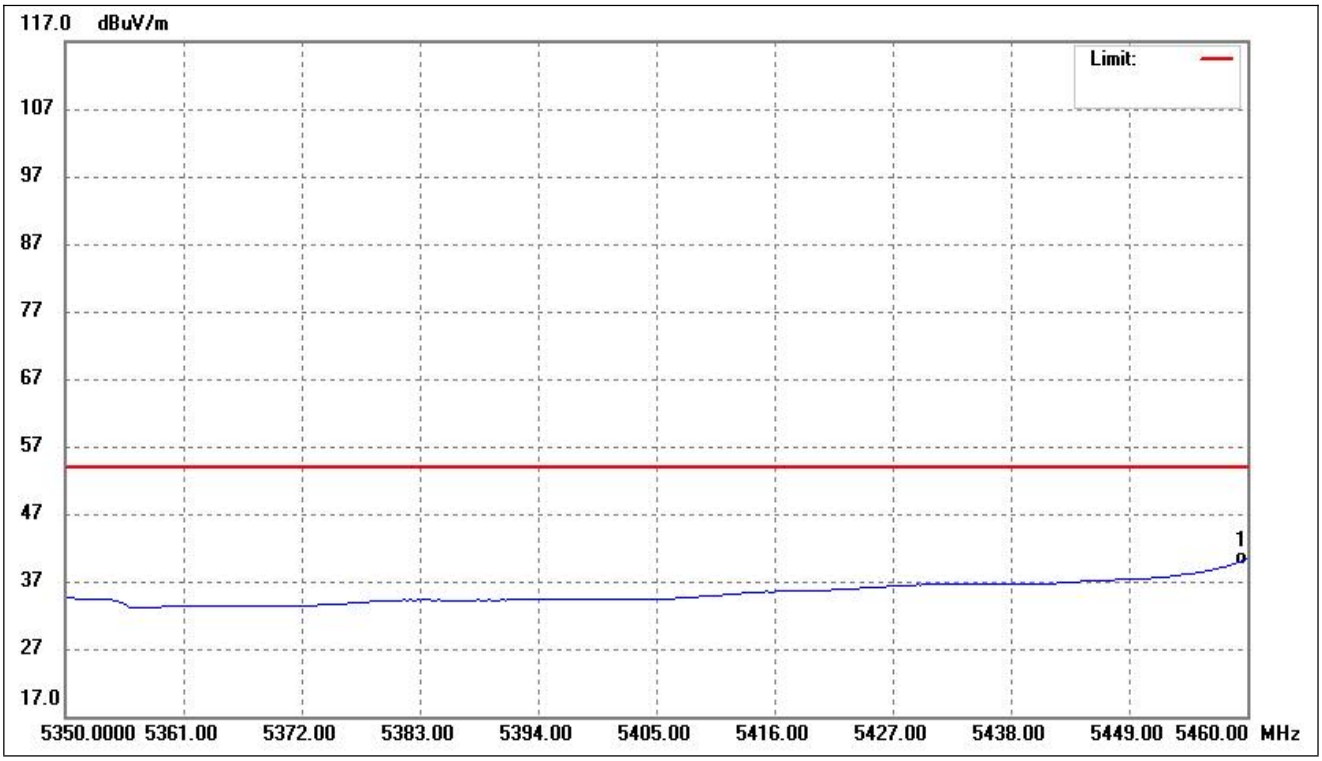
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	51.80	-10.13	41.67	54.00	-12.33	-	-	AVG

802.11n-HT20- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



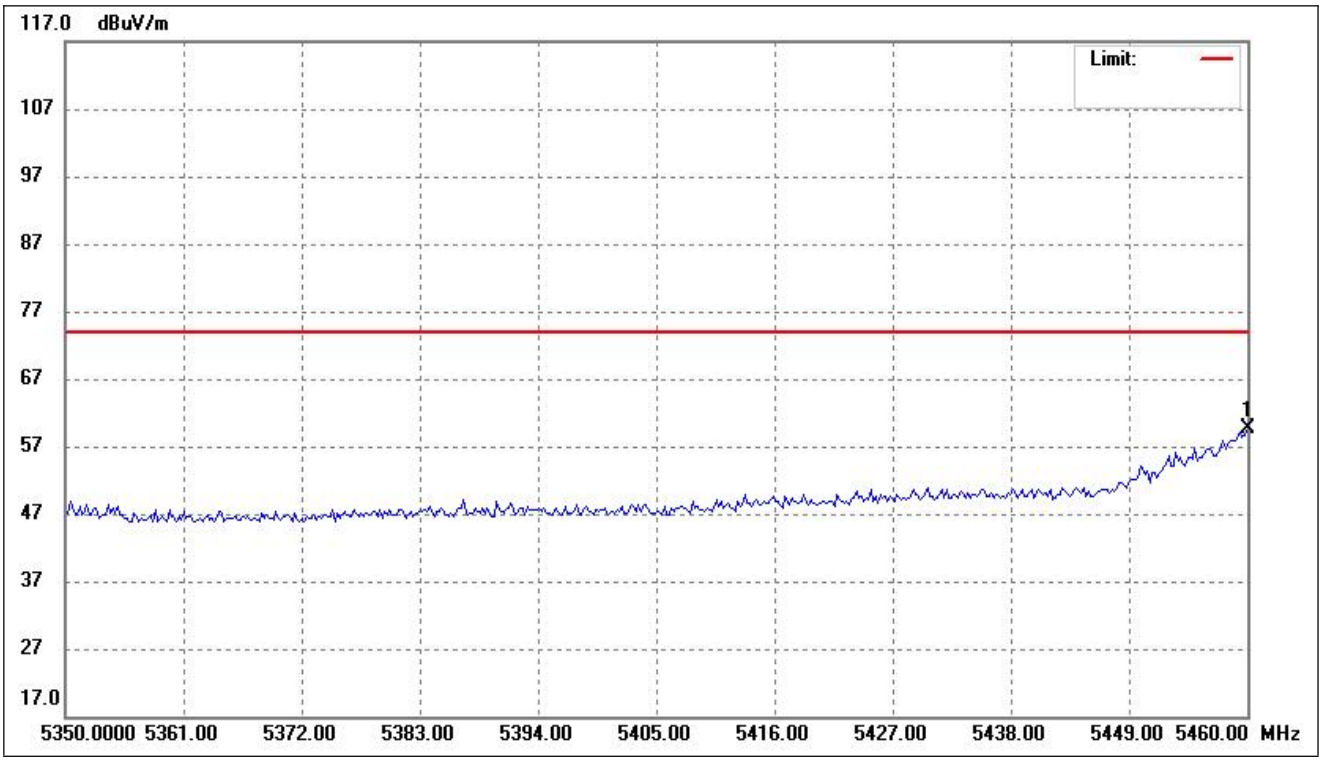
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	69.33	-10.13	59.20	74.00	-14.80	-	-	peak

802.11n-HT20- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



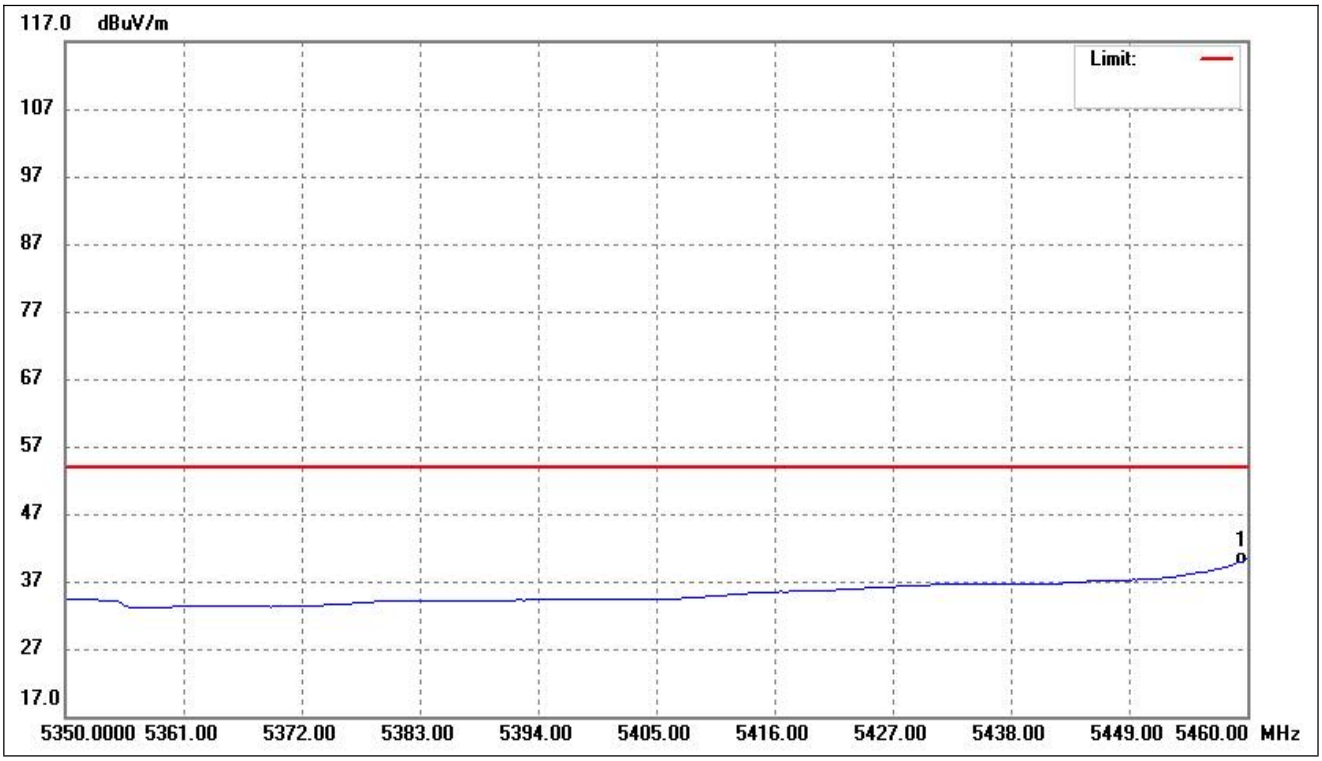
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	50.41	-10.13	40.28	54.00	-13.72	-	-	AVG

802.11ac-HT20- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



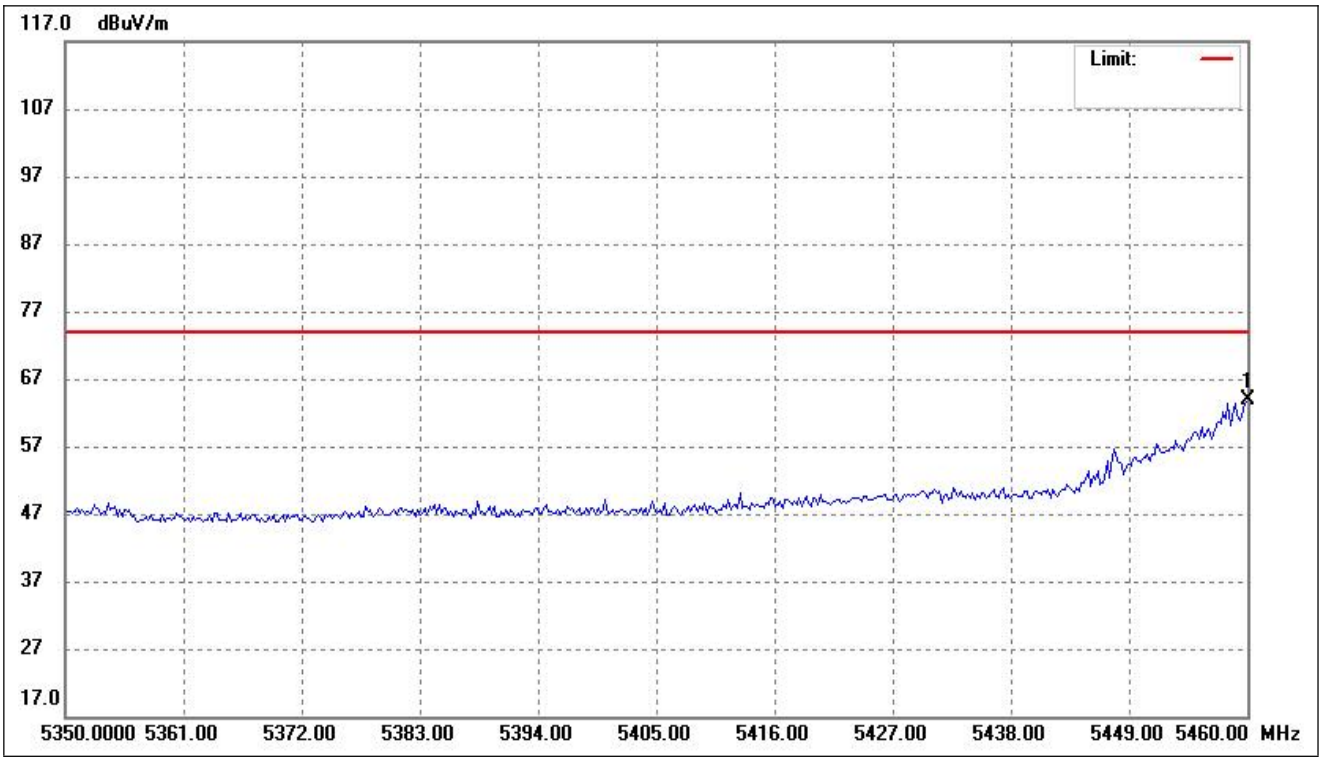
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	69.79	-10.13	59.66	74.00	-14.34	-	-	peak

802.11ac-HT20- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



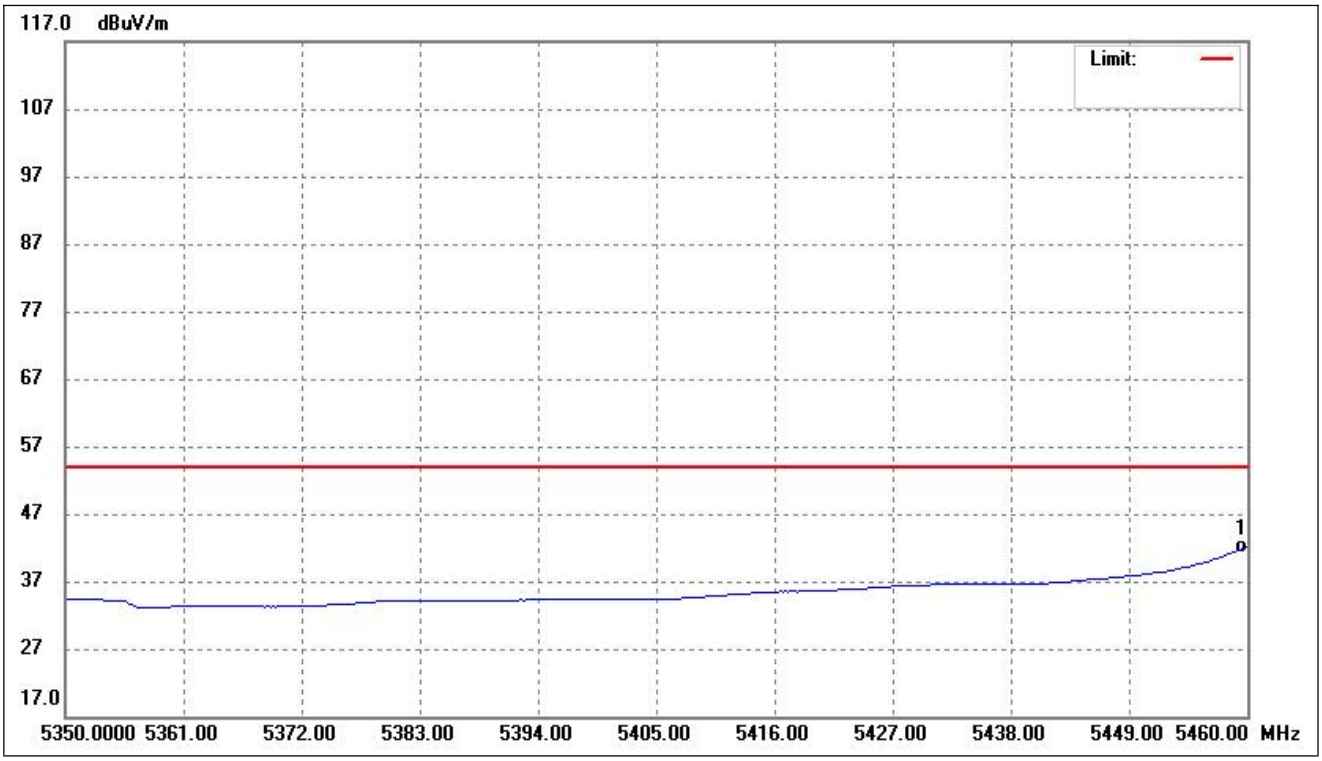
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	50.44	-10.13	40.31	54.00	-13.69	-	-	AVG

802.11ax-HE20- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



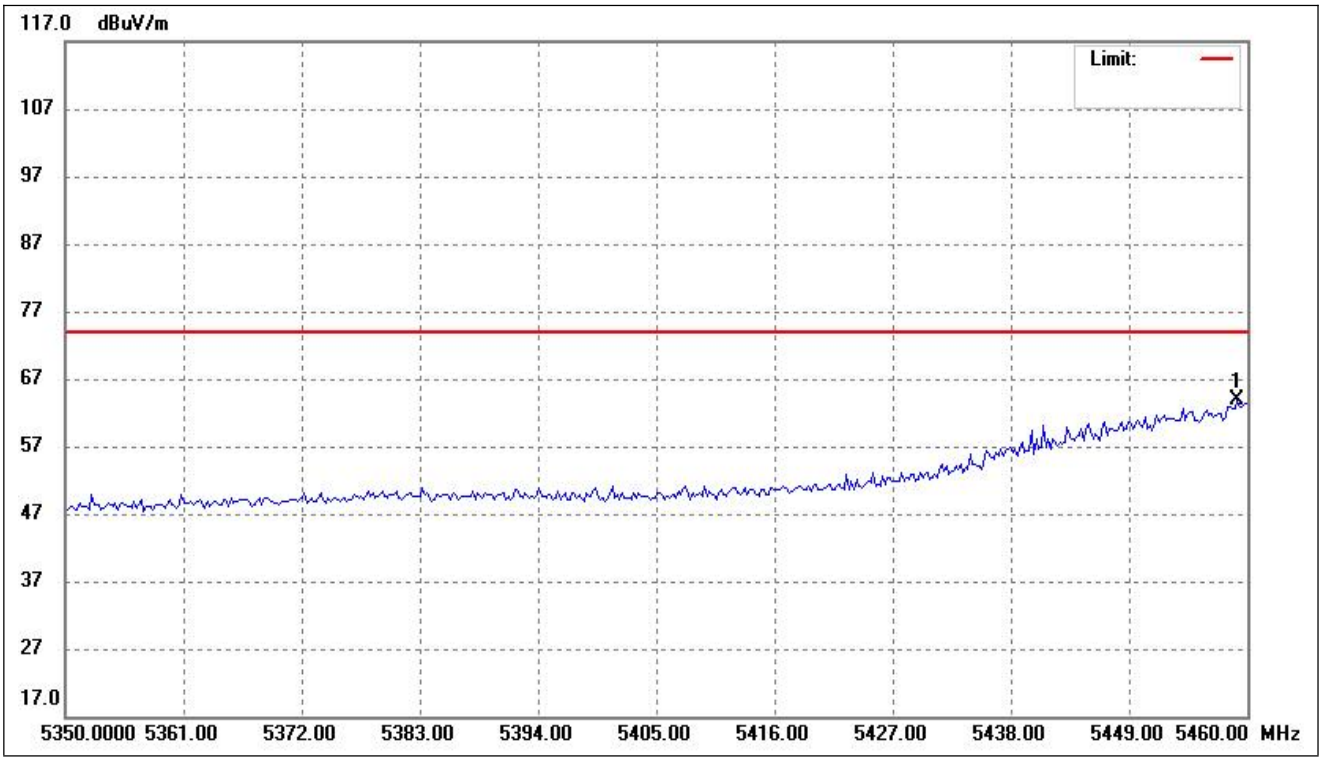
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	74.07	-10.13	63.94	74.00	-10.06	-	-	peak

802.11ax-HE20- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



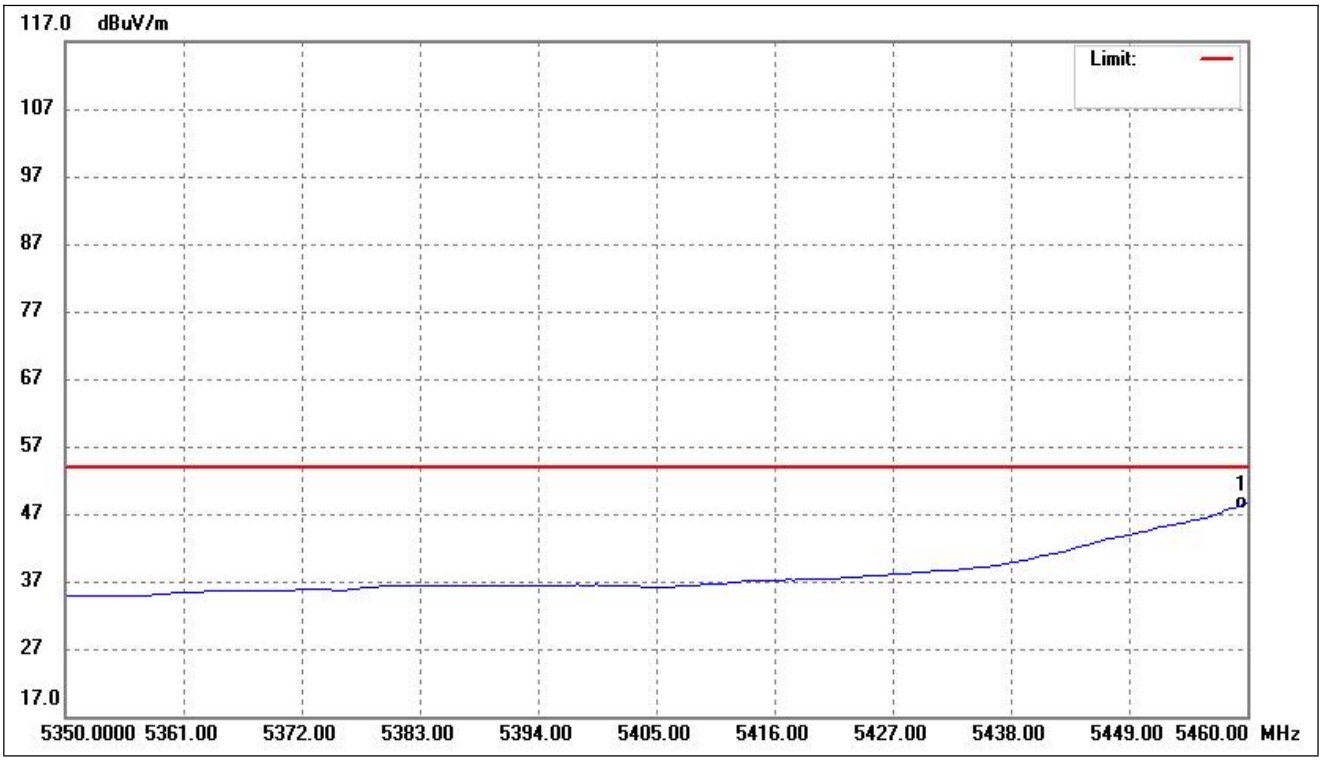
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	52.22	-10.13	42.09	54.00	-11.91	-	-	AVG

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



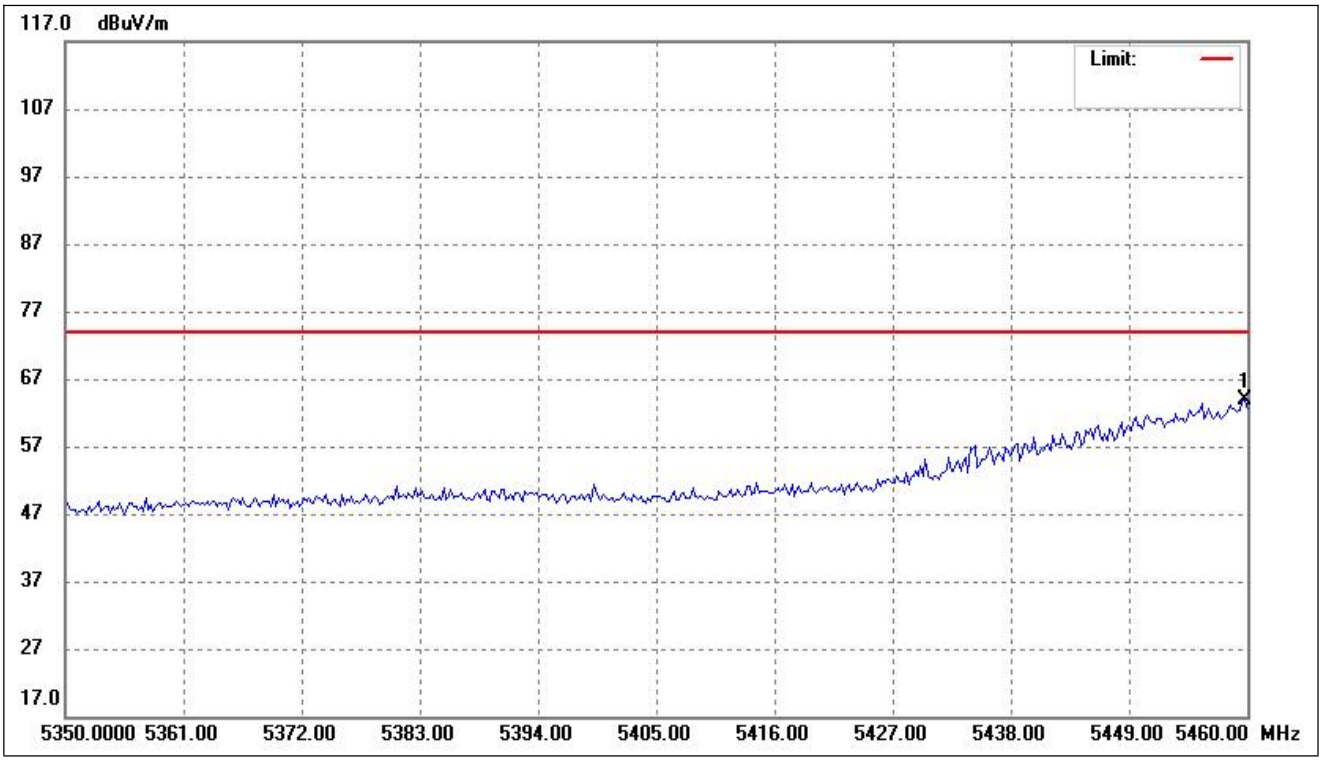
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5459.118	74.00	-10.13	63.87	74.00	-10.13	-	-	peak

802.11n-HT40- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



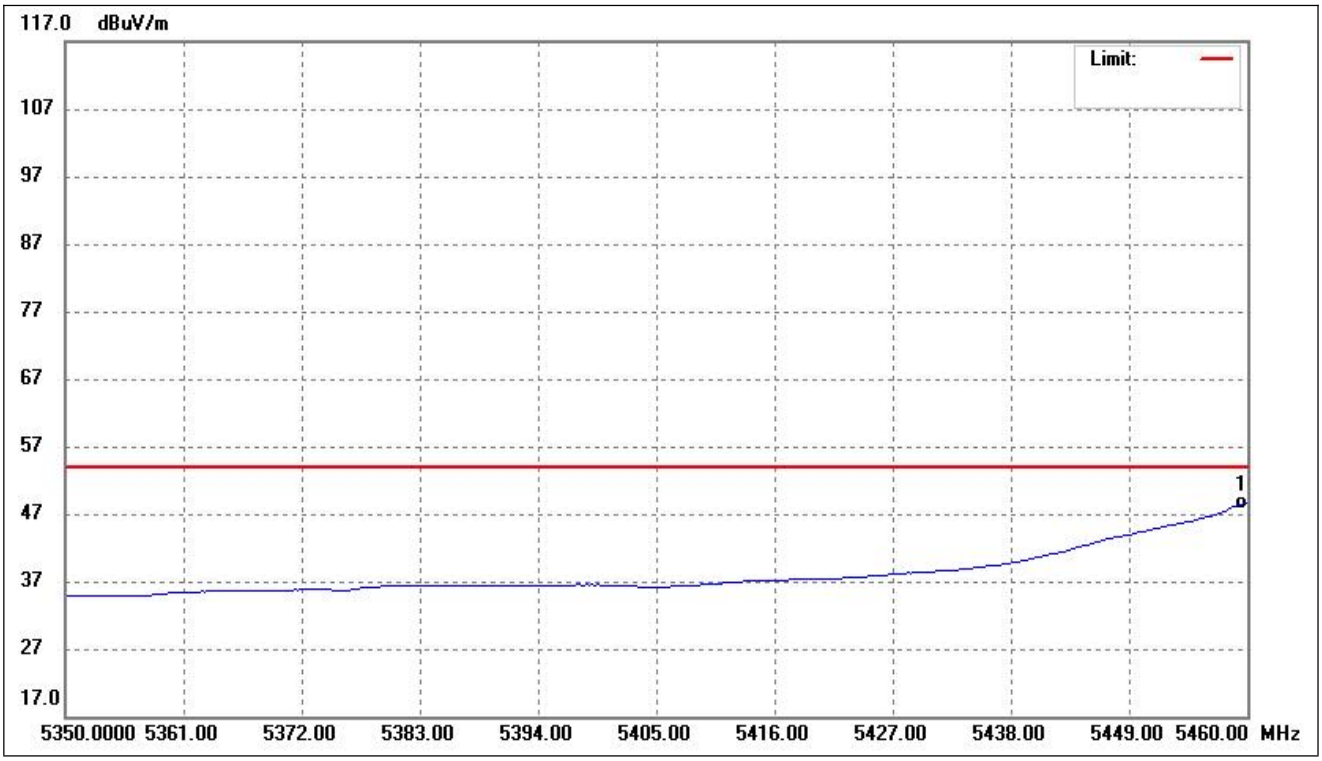
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	58.88	-10.13	48.75	54.00	-5.25	-	-	AVG

802.11ac-HT40- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



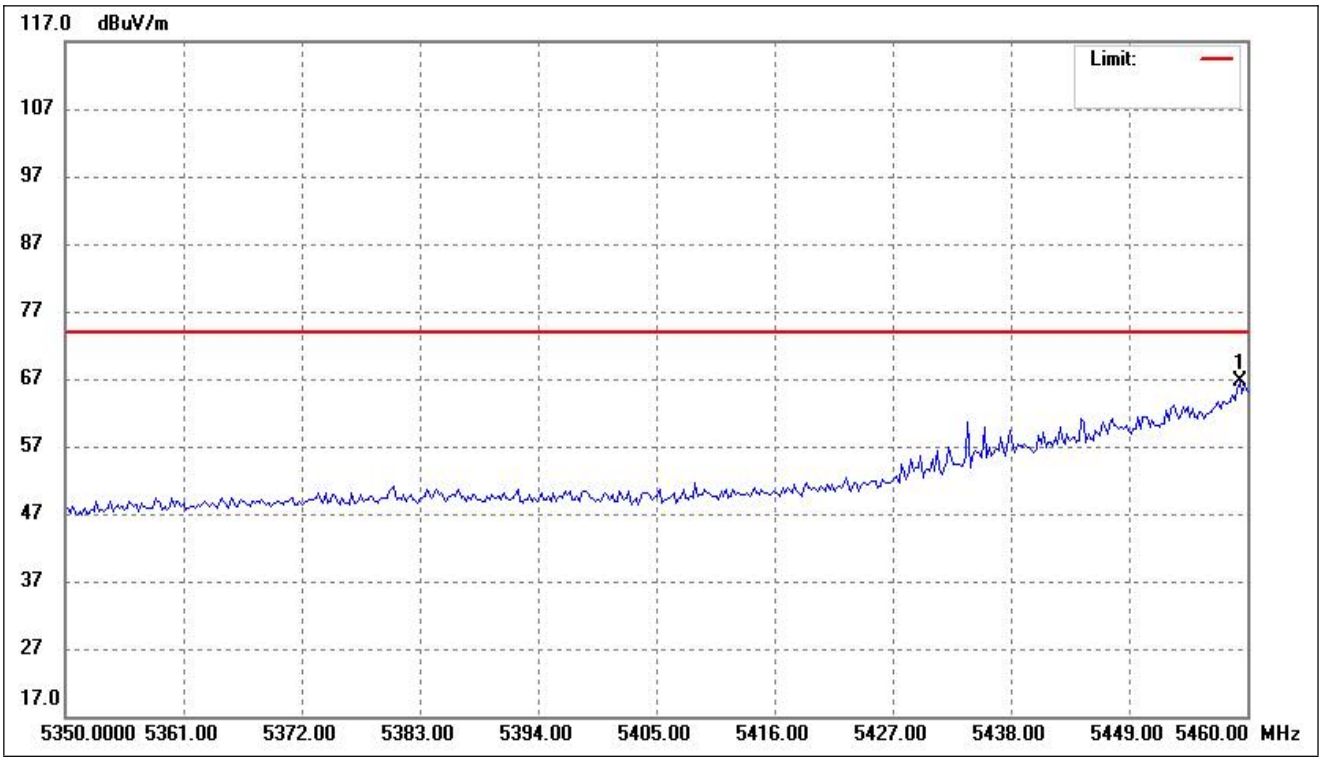
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5459.780	74.01	-10.13	63.88	74.00	-10.12	-	-	peak

802.11ac-HT40- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



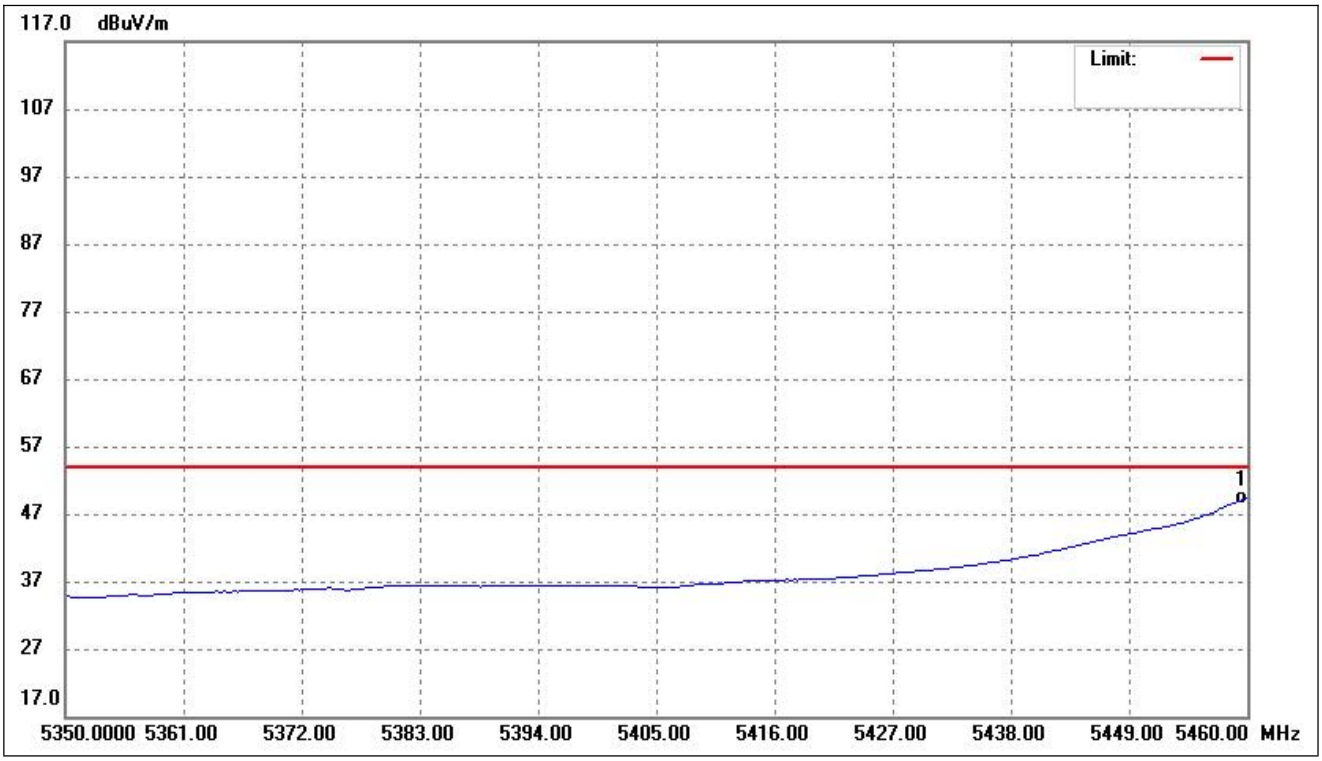
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	58.82	-10.13	48.69	54.00	-5.31	-	-	AVG

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



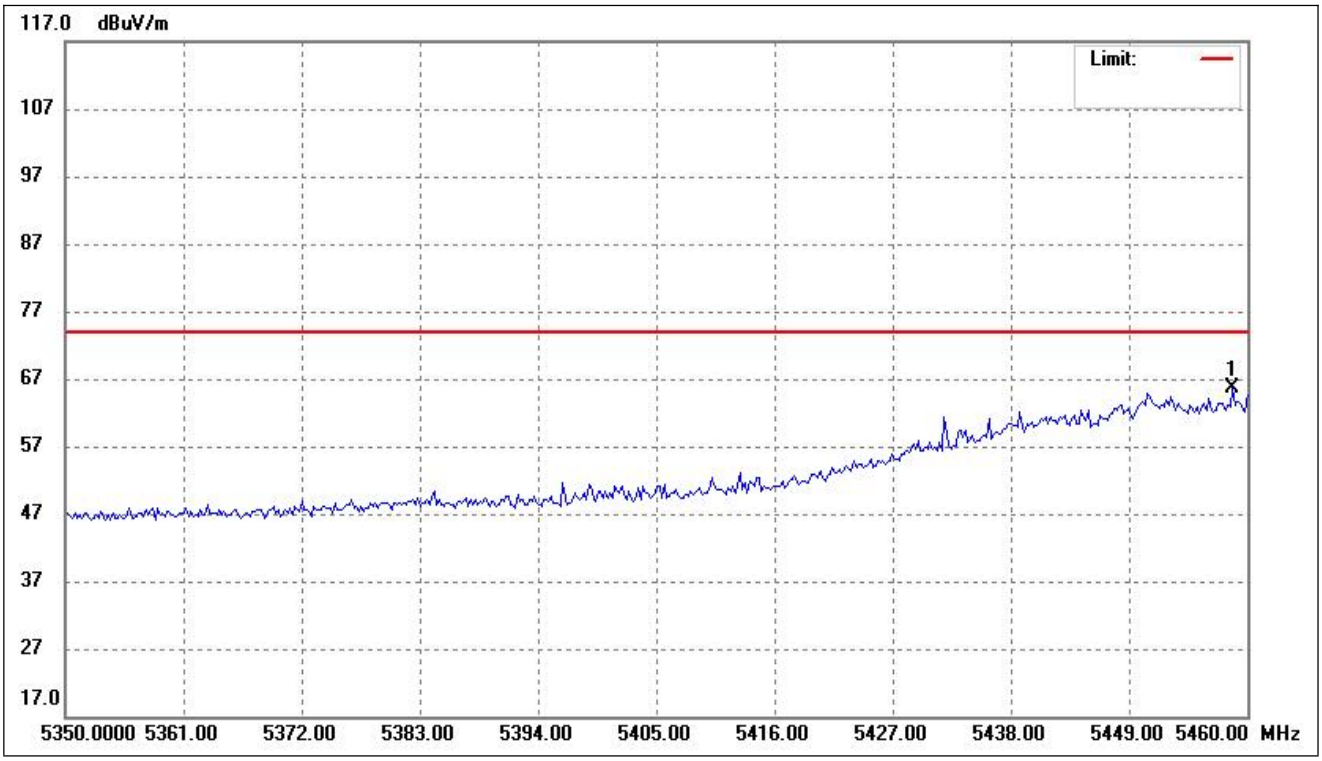
No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5459.339	76.71	-10.13	66.58	74.00	-7.42	-	-	peak

802.11ax-HE40- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	59.56	-10.13	49.43	54.00	-4.57	-	-	AVG

802.11ac-HT80- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)

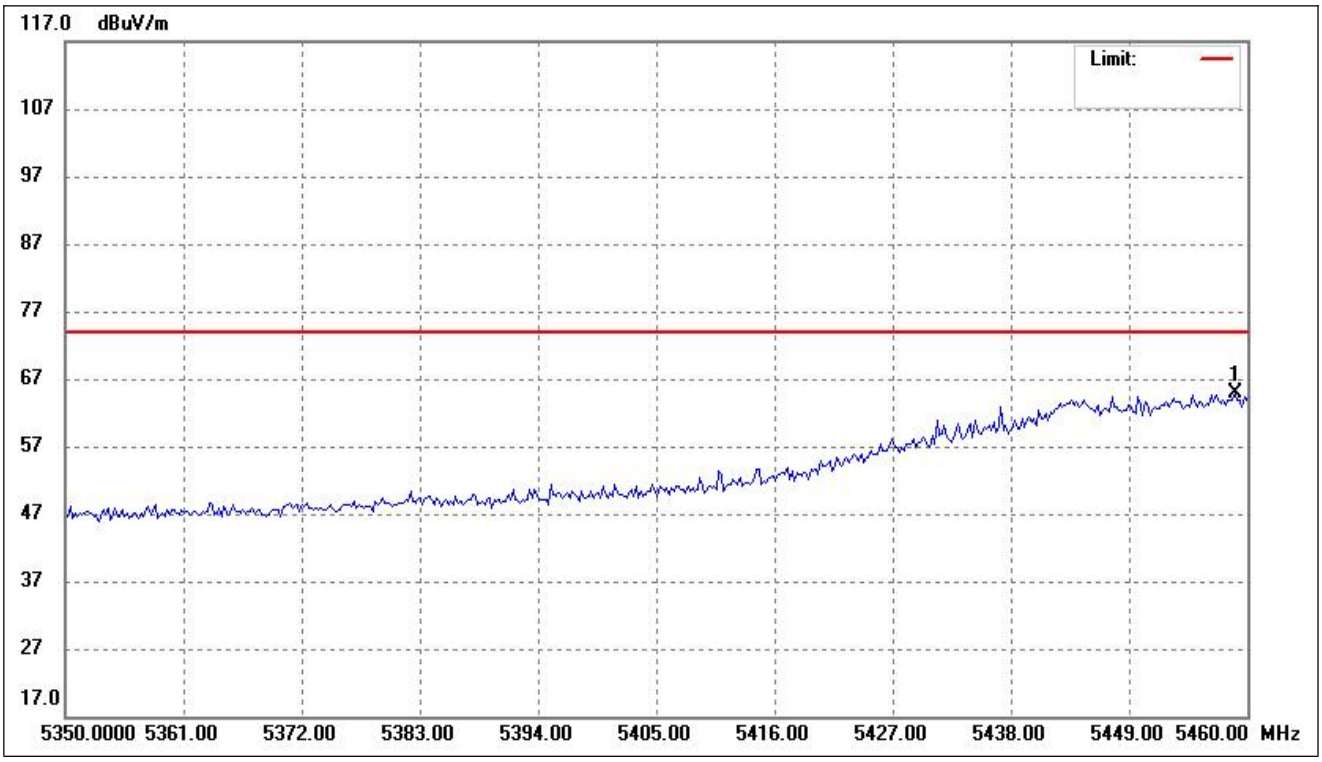


No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5458.677	75.74	-10.13	65.61	74.00	-8.39	-	-	peak

802.11ac-HT80- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)

No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	59.45	-10.13	49.32	54.00	-4.68	-	-	AVG

802.11ax-HE80- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5458.898	74.96	-10.13	64.83	74.00	-9.17	-	-	peak

802.11ax-HE80- Restricted Bandedge			
Test Channel	band 5.50-5.70GHz	Polarity:	Horizontal(worst case)

No.	Frequency	Reading	Correct	Result	Limit	Margin	Degree	Height	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	( )	(cm)	
1	5460.000	59.76	-10.13	49.63	54.00	-4.37	-	-	AVG

Note: The Restricted Bandedge was tested in Horizontal /Vertical and the worst case position data was reported.

Remark: '-'Means' the test Degree and Height is not recorded by the test software and only show the worst case in the test report.

- For the frequency band 5.15-5.25GHz, ,5.250-5.350GHz, 5.470-5.725GHz,5.725-5.850GHz (802.11a)
- Harmonics And Spurious Emissions

Antenna 0

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	56.53	7.11	63.64	74	-10.36	H	PK
10360	41.47	7.11	48.58	54	-5.42	H	AV
10360	55.01	7.11	62.12	74	-11.88	V	PK
10360	39.24	7.11	46.35	54	-7.65	V	AV
Middle Channel (5200MHz)							
10400	55.19	7.22	62.41	74	-11.59	H	PK
10400	41.26	7.22	48.48	54	-5.52	H	AV
10400	55.15	7.22	62.37	74	-11.63	V	PK
10400	41.27	7.22	48.49	54	-5.51	V	AV
High Channel (5240MHz)							
10480	57.66	7.69	65.35	74	-8.65	H	PK
10480	39.51	7.69	47.20	54	-6.80	H	AV
10480	57.59	7.69	65.28	74	-8.72	V	PK
10480	38.85	7.69	46.54	54	-7.46	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	55.02	7.96	62.98	74	-11.02	H	PK
10520	41.38	7.96	49.34	54	-4.66	H	AV
10520	57.85	7.96	65.81	74	-8.19	V	PK
10520	39.19	7.96	47.15	54	-6.85	V	AV
Middle Channel (5280MHz)							
10560	56.00	8.02	64.02	74	-9.98	H	PK
10560	39.33	8.02	47.35	54	-6.65	H	AV
10560	56.82	8.02	64.84	74	-9.16	V	PK
10560	41.86	8.02	49.88	54	-4.12	V	AV
High Channel (5320MHz)							
10640	55.94	8.35	64.29	74	-9.71	H	PK
10640	40.13	8.35	48.48	54	-5.52	H	AV
10640	55.74	8.35	64.09	74	-9.91	V	PK
10640	39.60	8.35	47.95	54	-6.05	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	55.38	8.82	64.20	74	-9.80	H	PK
11000	40.74	8.82	49.56	54	-4.44	H	AV
11000	58.62	8.82	67.44	74	-6.56	V	PK
11000	38.43	8.82	47.25	54	-6.75	V	AV
Middle Channel (5600MHz)							
11200	56.95	8.92	65.87	74	-8.13	H	PK
11200	39.36	8.92	48.28	54	-5.72	H	AV
11200	58.51	8.92	67.43	74	-6.57	V	PK
11200	38.35	8.92	47.27	54	-6.73	V	AV
High Channel (5700MHz)							
11400	57.88	9.36	67.24	74	-6.76	H	PK
11400	39.84	9.36	49.20	54	-4.80	H	AV
11400	58.62	9.36	67.98	74	-6.02	V	PK
11400	40.23	9.36	49.59	54	-4.41	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	55.35	9.45	64.80	74	-9.20	H	PK
11490	40.69	9.45	50.14	54	-3.86	H	AV
11490	56.28	9.45	65.73	74	-8.27	V	PK
11490	41.79	9.45	51.24	54	-2.76	V	AV
Middle Channel (5785MHz)							
11570	57.95	9.62	67.57	74	-6.43	H	PK
11570	38.86	9.62	48.48	54	-5.52	H	AV
11570	56.09	9.62	65.71	74	-8.29	V	PK
11570	40.20	9.62	49.82	54	-4.18	V	AV
High Channel (5825MHz)							
11650	57.48	9.84	67.32	74	-6.68	H	PK
11650	38.75	9.84	48.59	54	-5.41	H	AV
11650	57.85	9.84	67.69	74	-6.31	V	PK
11650	39.71	9.84	49.55	54	-4.45	V	AV

➢ Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-36.79	-27
Highest	Above 5350	-35.26	-27
Note: the data just list the worst cases			

➢ Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-43.86	-27
Highest	Above 5350	-41.19	-27
Note: the data just list the worst cases			

➢ Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-39.25	-27
Highest	Above 5725	-37.34	-27
Note: the data just list the worst cases			

➢ Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-36.79	-27
	5715 to 5725	-35.18	-17
Highest	5850 to 5860	-26.57	-17
	Above 5860	-35.29	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11n HT20)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	58.81	7.11	65.92	74	-8.08	H	PK
10360	40.62	7.11	47.73	54	-6.27	H	AV
10360	56.86	7.11	63.97	74	-10.03	V	PK
10360	38.41	7.11	45.52	54	-8.48	V	AV
Middle Channel (5200MHz)							
10400	57.50	7.22	64.72	74	-9.28	H	PK
10400	42.00	7.22	49.22	54	-4.78	H	AV
10400	57.80	7.22	65.02	74	-8.98	V	PK
10400	39.56	7.22	46.78	54	-7.22	V	AV
High Channel (5240MHz)							
10480	56.77	7.69	64.46	74	-9.54	H	PK
10480	40.58	7.69	48.27	54	-5.73	H	AV
10480	57.71	7.69	65.40	74	-8.60	V	PK
10480	40.61	7.69	48.30	54	-5.70	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	58.65	7.96	66.61	74	-7.39	H	PK
10520	41.02	7.96	48.98	54	-5.02	H	AV
10520	57.55	7.96	65.51	74	-8.49	V	PK
10520	41.39	7.96	49.35	54	-4.65	V	AV
Middle Channel (5280MHz)							
10560	57.98	8.02	66.00	74	-8.00	H	PK
10560	41.63	8.02	49.65	54	-4.35	H	AV
10560	57.92	8.02	65.94	74	-8.06	V	PK
10560	39.62	8.02	47.64	54	-6.36	V	AV
High Channel (5320MHz)							
10640	56.73	8.35	65.08	74	-8.92	H	PK
10640	38.24	8.35	46.59	54	-7.41	H	AV
10640	55.08	8.35	63.43	74	-10.57	V	PK
10640	39.70	8.35	48.05	54	-5.95	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	57.13	8.82	65.95	74	-8.05	H	PK
11000	41.18	8.82	50.00	54	-4.00	H	AV
11000	56.66	8.82	65.48	74	-8.52	V	PK
11000	40.06	8.82	48.88	54	-5.12	V	AV
Middle Channel (5600MHz)							
11200	55.96	8.92	64.88	74	-9.12	H	PK
11200	40.75	8.92	49.67	54	-4.33	H	AV
11200	55.35	8.92	64.27	74	-9.73	V	PK
11200	41.08	8.92	50.00	54	-4.00	V	AV
High Channel (5700MHz)							
11400	55.38	9.84	65.22	74	-8.78	H	PK
11400	40.42	9.84	50.26	54	-3.74	H	AV
11400	56.16	9.84	66.00	74	-8.00	V	PK
11400	41.92	9.84	51.76	54	-2.24	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	56.72	9.45	66.17	74	-7.83	H	PK
11490	40.39	9.45	49.84	54	-4.16	H	AV
11490	56.64	9.45	66.09	74	-7.91	V	PK
11490	40.72	9.45	50.17	54	-3.83	V	AV
Middle Channel (5785MHz)							
11570	58.64	9.62	68.26	74	-5.74	H	PK
11570	39.95	9.62	49.57	54	-4.43	H	AV
11570	58.86	9.62	68.48	74	-5.52	V	PK
11570	40.57	9.62	50.19	54	-3.81	V	AV
High Channel (5825MHz)							
11650	57.42	9.84	67.26	74	-6.74	H	PK
11650	40.23	9.84	50.07	54	-3.93	H	AV
11650	57.78	9.84	67.62	74	-6.38	V	PK
11650	41.95	9.84	51.79	54	-2.21	V	AV

- Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.95	-27
Highest	Above 5350	-42.16	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-41.39	-27
Highest	Above 5350	-42.57	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-37.82	-27
Highest	Above 5725	-39.49	-27
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-39.21	-27
	5715 to 5725	-35.30	-17
Highest	5850 to 5860	-34.58	-17
	Above 5860	-36.17	-27
Note: the data just list the worst cases			

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11ac HT20)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	58.95	7.11	66.06	74	-7.94	H	PK
10360	39.36	7.11	46.47	54	-7.53	H	AV
10360	58.05	7.11	65.16	74	-8.84	V	PK
10360	38.52	7.11	45.63	54	-8.37	V	AV
Middle Channel (5200MHz)							
10400	55.27	7.22	62.49	74	-11.51	H	PK
10400	41.42	7.22	48.64	54	-5.36	H	AV
10400	58.08	7.22	65.30	74	-8.70	V	PK
10400	39.64	7.22	46.86	54	-7.14	V	AV
High Channel (5240MHz)							
10480	55.34	7.69	63.03	74	-10.97	H	PK
10480	39.19	7.69	46.88	54	-7.12	H	AV
10480	56.99	7.69	64.68	74	-9.32	V	PK
10480	39.71	7.69	47.40	54	-6.60	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	56.52	7.96	64.48	74	-9.52	H	PK
10520	39.54	7.96	47.50	54	-6.50	H	AV
10520	56.40	7.96	64.36	74	-9.64	V	PK
10520	41.36	7.96	49.32	54	-4.68	V	AV
Middle Channel (5280MHz)							
10560	55.43	8.02	63.45	74	-10.55	H	PK
10560	39.91	8.02	47.93	54	-6.07	H	AV
10560	55.33	8.02	63.35	74	-10.65	V	PK
10560	41.64	8.02	49.66	54	-4.34	V	AV
High Channel (5320MHz)							
10640	57.55	8.35	65.90	74	-8.10	H	PK
10640	40.97	8.35	49.32	54	-4.68	H	AV
10640	58.04	8.35	66.39	74	-7.61	V	PK
10640	39.32	8.35	47.67	54	-6.33	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	57.40	8.82	66.22	74	-7.78	H	PK
11000	38.80	8.82	47.62	54	-6.38	H	AV
11000	57.24	8.82	66.06	74	-7.94	V	PK
11000	38.32	8.82	47.14	54	-6.86	V	AV
Middle Channel (5600MHz)							
11200	55.25	8.92	64.17	74	-9.83	H	PK
11200	40.01	8.92	48.93	54	-5.07	H	AV
11200	56.18	8.92	65.10	74	-8.90	V	PK
11200	40.73	8.92	49.65	54	-4.35	V	AV
High Channel (5700MHz)							
11400	55.77	9.84	65.61	74	-8.39	H	PK
11400	42.00	9.84	51.84	54	-2.16	H	AV
11400	57.03	9.84	66.87	74	-7.13	V	PK
11400	39.44	9.84	49.28	54	-4.72	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	57.81	9.45	67.26	74	-6.74	H	PK
11490	40.48	9.45	49.93	54	-4.07	H	AV
11490	57.47	9.45	66.92	74	-7.08	V	PK
11490	39.84	9.45	49.29	54	-4.71	V	AV
Middle Channel (5785MHz)							
11570	57.78	9.62	67.40	74	-6.60	H	PK
11570	38.15	9.62	47.77	54	-6.23	H	AV
11570	56.27	9.62	65.89	74	-8.11	V	PK
11570	38.89	9.62	48.51	54	-5.49	V	AV
High Channel (5825MHz)							
11650	56.31	9.84	66.15	74	-7.85	H	PK
11650	38.41	9.84	48.25	54	-5.75	H	AV
11650	57.37	9.84	67.21	74	-6.79	V	PK
11650	39.15	9.84	48.99	54	-5.01	V	AV

- Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.73	-27
Highest	Above 5350	-42.56	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-41.37	-27
Highest	Above 5350	-42.21	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-37.50	-27
Highest	Above 5725	-39.76	-27
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-39.28	-27
	5715 to 5725	-35.37	-17
Highest	5850 to 5860	-34.50	-17
	Above 5860	-36.16	-27
Note: the data just list the worst cases			

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11ax HT20)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5180MHz)							
10360	55.91	7.11	63.02	74	-10.98	H	PK
10360	40.81	7.11	47.92	54	-6.08	H	AV
10360	57.92	7.11	65.03	74	-8.97	V	PK
10360	39.69	7.11	46.80	54	-7.20	V	AV
Middle Channel (5200MHz)							
10400	58.62	7.22	65.84	74	-8.16	H	PK
10400	41.13	7.22	48.35	54	-5.65	H	AV
10400	56.18	7.22	63.40	74	-10.60	V	PK
10400	40.87	7.22	48.09	54	-5.91	V	AV
High Channel (5240MHz)							
10480	57.98	7.69	65.67	74	-8.33	H	PK
10480	40.15	7.69	47.84	54	-6.16	H	AV
10480	58.52	7.69	66.21	74	-7.79	V	PK
10480	40.01	7.69	47.70	54	-6.30	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5260MHz)							
10520	57.32	7.96	65.28	74	-8.72	H	PK
10520	39.84	7.96	47.80	54	-6.20	H	AV
10520	56.26	7.96	64.22	74	-9.78	V	PK
10520	38.63	7.96	46.59	54	-7.41	V	AV
Middle Channel (5280MHz)							
10560	58.56	8.02	66.58	74	-7.42	H	PK
10560	40.07	8.02	48.09	54	-5.91	H	AV
10560	55.95	8.02	63.97	74	-10.03	V	PK
10560	39.92	8.02	47.94	54	-6.06	V	AV
High Channel (5320MHz)							
10640	55.60	8.35	63.95	74	-10.05	H	PK
10640	40.28	8.35	48.63	54	-5.37	H	AV
10640	56.74	8.35	65.09	74	-8.91	V	PK
10640	39.84	8.35	48.19	54	-5.81	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5500MHz)							
11000	58.33	8.82	67.15	74	-6.85	H	PK
11000	38.81	8.82	47.63	54	-6.37	H	AV
11000	56.71	8.82	65.53	74	-8.47	V	PK
11000	38.95	8.82	47.77	54	-6.23	V	AV
Middle Channel (5600MHz)							
11200	58.53	8.92	67.45	74	-6.55	H	PK
11200	38.61	8.92	47.53	54	-6.47	H	AV
11200	56.39	8.92	65.31	74	-8.69	V	PK
11200	38.52	8.92	47.44	54	-6.56	V	AV
High Channel (5700MHz)							
11400	58.44	9.84	68.28	74	-5.72	H	PK
11400	41.48	9.84	51.32	54	-2.68	H	AV
11400	58.57	9.84	68.41	74	-5.59	V	PK
11400	41.65	9.84	51.49	54	-2.51	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5745MHz)							
11490	57.40	9.45	66.85	74	-7.15	H	PK
11490	41.57	9.45	51.02	54	-2.98	H	AV
11490	56.85	9.45	66.30	74	-7.70	V	PK
11490	39.82	9.45	49.27	54	-4.73	V	AV
Middle Channel (5785MHz)							
11570	57.07	9.62	66.69	74	-7.31	H	PK
11570	39.27	9.62	48.89	54	-5.11	H	AV
11570	58.90	9.62	68.52	74	-5.48	V	PK
11570	39.20	9.62	48.82	54	-5.18	V	AV
High Channel (5825MHz)							
11650	56.18	9.84	66.02	74	-7.98	H	PK
11650	38.17	9.84	48.01	54	-5.99	H	AV
11650	57.81	9.84	67.65	74	-6.35	V	PK
11650	39.44	9.84	49.28	54	-4.72	V	AV

- Out of Band edge 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.86	-27
Highest	Above 5350	-42.64	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-41.58	-27
Highest	Above 5350	-42.29	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-37.75	-27
Highest	Above 5725	-39.69	-27
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-39.27	-27
	5715 to 5725	-35.54	-17
Highest	5850 to 5860	-34.70	-17
	Above 5860	-36.29	-27
Note: the data just list the worst cases			

Note: this EUT was tested in the low, high channel and the worst case position data was reported.

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11n HT40)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	58.74	7.89	66.63	74	-7.37	H	PK
10380	41.01	7.89	48.90	54	-5.10	H	AV
10380	55.51	7.89	63.40	74	-10.60	V	PK
10380	39.45	7.89	47.34	54	-6.66	V	AV
High Channel (5230MHz)							
10460	58.85	7.97	66.82	74	-7.18	H	PK
10460	38.90	7.97	46.87	54	-7.13	H	AV
10460	56.53	7.97	64.50	74	-9.50	V	PK
10460	39.85	7.97	47.82	54	-6.18	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	57.45	8.16	65.61	74	-8.39	H	PK
10540	40.34	8.16	48.50	54	-5.50	H	AV
10540	55.57	8.16	63.73	74	-10.27	V	PK
10540	38.51	8.16	46.67	54	-7.33	V	AV
High Channel (5310MHz)							
10620	57.92	8.57	66.49	74	-7.51	H	PK
10620	41.47	8.57	50.04	54	-3.96	H	AV
10620	56.44	8.57	65.01	74	-8.99	V	PK
10620	41.21	8.57	49.78	54	-4.22	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	56.18	9.16	65.34	74	-8.66	H	PK
11020	38.50	9.16	47.66	54	-6.34	H	AV
11020	57.63	9.16	66.79	74	-7.21	V	PK
11020	39.43	9.16	48.59	54	-5.41	V	AV
Middle Channel (5590MHz)							
11180	55.66	9.29	64.95	74	-9.05	H	PK
11180	40.52	9.29	49.81	54	-4.19	H	AV
11180	57.77	9.29	67.06	74	-6.94	V	PK
11180	41.26	9.29	50.55	54	-3.45	V	AV
High Channel (5670MHz)							
11340	55.46	9.43	64.89	74	-9.11	H	PK
11340	41.40	9.43	50.83	54	-3.17	H	AV
11340	56.18	9.43	65.61	74	-8.39	V	PK
11340	41.64	9.43	51.07	54	-2.93	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	56.77	9.45	66.22	74	-7.78	H	PK
11510	40.46	9.45	49.91	54	-4.09	H	AV
11510	56.01	9.45	65.46	74	-8.54	V	PK
11510	39.35	9.45	48.80	54	-5.20	V	AV
High Channel (5795MHz)							
11590	57.69	9.27	66.96	74	-7.04	H	PK
11590	41.05	9.27	50.32	54	-3.68	H	AV
11590	58.51	9.27	67.78	74	-6.22	V	PK
11590	38.89	9.27	48.16	54	-5.84	V	AV

- Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.76	-27
Highest	Above 5350	-36.28	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-36.35	-27
Highest	Above 5350	-37.68	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-35.20	-27
Highest	Above 5725	-37.09	-27
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-38.72	-27
	5715 to 5725	-32.57	-17
Highest	5850 to 5860	-36.26	-17
	Above 5860	-37.54	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz,5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11ac HT40)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	57.02	7.89	64.91	74	-9.09	H	PK
10380	41.90	7.89	49.79	54	-4.21	H	AV
10380	58.03	7.89	65.92	74	-8.08	V	PK
10380	39.53	7.89	47.42	54	-6.58	V	AV
High Channel (5230MHz)							
10460	58.80	7.97	66.77	74	-7.23	H	PK
10460	40.95	7.97	48.92	54	-5.08	H	AV
10460	56.89	7.97	64.86	74	-9.14	V	PK
10460	41.49	7.97	49.46	54	-4.54	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	58.65	8.16	66.81	74	-7.19	H	PK
10540	40.08	8.16	48.24	54	-5.76	H	AV
10540	56.01	8.16	64.17	74	-9.83	V	PK
10540	41.29	8.16	49.45	54	-4.55	V	AV
High Channel (5310MHz)							
10620	57.55	8.57	66.12	74	-7.88	H	PK
10620	39.11	8.57	47.68	54	-6.32	H	AV
10620	58.26	8.57	66.83	74	-7.17	V	PK
10620	39.49	8.57	48.06	54	-5.94	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	56.29	9.16	65.45	74	-8.55	H	PK
11020	39.17	9.16	48.33	54	-5.67	H	AV
11020	57.66	9.16	66.82	74	-7.18	V	PK
11020	38.86	9.16	48.02	54	-5.98	V	AV
Middle Channel (5590MHz)							
11180	56.55	9.29	65.84	74	-8.16	H	PK
11180	38.16	9.29	47.45	54	-6.55	H	AV
11180	55.97	9.29	65.26	74	-8.74	V	PK
11180	38.18	9.29	47.47	54	-6.53	V	AV
High Channel (5670MHz)							
11340	55.09	9.43	64.52	74	-9.48	H	PK
11340	41.41	9.43	50.84	54	-3.16	H	AV
11340	55.45	9.43	64.88	74	-9.12	V	PK
11340	39.37	9.43	48.80	54	-5.20	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	58.35	9.45	67.80	74	-6.20	H	PK
11510	41.93	9.45	51.38	54	-2.62	H	AV
11510	57.19	9.45	66.64	74	-7.36	V	PK
11510	38.61	9.45	48.06	54	-5.94	V	AV
High Channel (5795MHz)							
11590	57.25	9.27	66.52	74	-7.48	H	PK
11590	38.61	9.27	47.88	54	-6.12	H	AV
11590	57.01	9.27	66.28	74	-7.72	V	PK
11590	40.67	9.27	49.94	54	-4.06	V	AV

- Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.82	-27
Highest	Above 5350	-36.57	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-36.61	-27
Highest	Above 5350	-37.50	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-35.25	-27
Highest	Above 5725	-37.36	-27
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-38.42	-27
	5715 to 5725	-32.50	-17
Highest	5850 to 5860	-36.19	-17
	Above 5860	-37.27	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz, 5.725-5.850GHz (802.11ax HE40)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5190MHz)							
10380	58.80	7.89	66.69	74	-7.31	H	PK
10380	38.28	7.89	46.17	54	-7.83	H	AV
10380	56.81	7.89	64.70	74	-9.30	V	PK
10380	41.80	7.89	49.69	54	-4.31	V	AV
High Channel (5230MHz)							
10460	56.19	7.97	64.16	74	-9.84	H	PK
10460	39.73	7.97	47.70	54	-6.30	H	AV
10460	56.67	7.97	64.64	74	-9.36	V	PK
10460	39.93	7.97	47.90	54	-6.10	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5270MHz)							
10540	55.86	8.16	64.02	74	-9.98	H	PK
10540	38.09	8.16	46.25	54	-7.75	H	AV
10540	57.72	8.16	65.88	74	-8.12	V	PK
10540	39.00	8.16	47.16	54	-6.84	V	AV
High Channel (5310MHz)							
10620	57.37	8.57	65.94	74	-8.06	H	PK
10620	41.95	8.57	50.52	54	-3.48	H	AV
10620	58.14	8.57	66.71	74	-7.29	V	PK
10620	38.89	8.57	47.46	54	-6.54	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5510MHz)							
11020	56.44	9.16	65.60	74	-8.40	H	PK
11020	40.00	9.16	49.16	54	-4.84	H	AV
11020	55.36	9.16	64.52	74	-9.48	V	PK
11020	39.60	9.16	48.76	54	-5.24	V	AV
Middle Channel (5590MHz)							
11180	56.17	9.29	65.46	74	-8.54	H	PK
11180	38.96	9.29	48.25	54	-5.75	H	AV
11180	56.63	9.29	65.92	74	-8.08	V	PK
11180	41.36	9.29	50.65	54	-3.35	V	AV
High Channel (5670MHz)							
11340	58.79	9.43	68.22	74	-5.78	H	PK
11340	39.53	9.43	48.96	54	-5.04	H	AV
11340	55.98	9.43	65.41	74	-8.59	V	PK
11340	41.15	9.43	50.58	54	-3.42	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5755MHz)							
11510	55.57	9.45	65.02	74	-8.98	H	PK
11510	41.77	9.45	51.22	54	-2.78	H	AV
11510	55.12	9.45	64.57	74	-9.43	V	PK
11510	39.18	9.45	48.63	54	-5.37	V	AV
High Channel (5795MHz)							
11590	55.73	9.27	65.00	74	-9.00	H	PK
11590	39.44	9.27	48.71	54	-5.29	H	AV
11590	56.26	9.27	65.53	74	-8.47	V	PK
11590	40.87	9.27	50.14	54	-3.86	V	AV

- Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-35.70	-27
Highest	Above 5350	-36.53	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-36.62	-27
Highest	Above 5350	-37.57	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-35.34	-27
Highest	Above 5725	-37.52	-27
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-38.11	-27
	5715 to 5725	-32.47	-17
Highest	5850 to 5860	-36.59	-17
	Above 5860	-37.38	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz,5.725-5.850GHz (802.11ac VHT80)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5210MHz							
10420	55.19	7.53	62.72	74	-11.28	H	PK
10420	39.87	7.53	47.40	54	-6.60	H	AV
10420	58.07	7.53	65.60	74	-8.40	H	PK
10420	41.89	7.53	49.42	54	-4.58	H	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5290MHz							
10580	56.03	7.95	63.98	74	-10.02	H	PK
10580	40.27	7.95	48.22	54	-5.78	H	AV
10580	57.05	7.95	65.00	74	-9.00	V	PK
10580	38.82	7.95	46.77	54	-7.23	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5530MHz)							
11060	58.82	9.42	68.24	74	-5.76	H	PK
11060	40.93	9.42	50.35	54	-3.65	H	AV
11060	57.89	9.42	67.31	74	-6.69	V	PK
11060	41.55	9.42	50.97	54	-3.03	V	AV
High Channel (5610MHz)							
11220	56.45	9.69	66.14	74	-7.86	H	PK
11220	38.42	9.69	48.11	54	-5.89	H	AV
11220	56.74	9.69	66.43	74	-7.57	V	PK
11220	41.57	9.69	51.26	54	-2.74	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5775MHz							
11550	58.97	9.93	68.90	74	-5.10	H	PK
11550	40.71	9.93	50.64	54	-3.36	H	AV
11550	57.48	9.93	67.41	74	-6.59	V	PK
11550	41.76	9.93	51.69	54	-2.31	V	AV

- Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.62	-27
Highest	Above 5350	-36.74	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.35	-27
Highest	Above 5350	-36.49	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-39.76	
Highest	Above 5725	-37.28	
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-39.83	-27
	5715 to 5725	-33.79	-17
Highest	5850 to 5860	-30.35	-17
	Above 5860	-38.46	-27
Note: the data just list the worst cases			

- For the frequency band 5.15-5.25GHz, 5.250-5.350GHz, 5.470-5.725GHz,5.725-5.850GHz (802.11ax VHT80)
- Harmonics And Spurious Emissions
- Antenna 0+ Antenna 1

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5210MHz							
10420	56.79	7.53	64.32	74	-9.68	H	PK
10420	38.52	7.53	46.05	54	-7.95	H	AV
10420	55.34	7.53	62.87	74	-11.13	H	PK
10420	39.97	7.53	47.50	54	-6.50	H	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5290MHz							
10580	55.68	7.95	63.63	74	-10.37	H	PK
10580	40.01	7.95	47.96	54	-6.04	H	AV
10580	55.09	7.95	63.04	74	-10.96	V	PK
10580	38.22	7.95	46.17	54	-7.83	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
Low Channel (5530MHz)							
11060	56.47	9.42	65.89	74	-8.11	H	PK
11060	38.97	9.42	48.39	54	-5.61	H	AV
11060	55.75	9.42	65.17	74	-8.83	V	PK
11060	39.01	9.42	48.43	54	-5.57	V	AV
High Channel (5610MHz)							
11220	58.59	9.69	68.28	74	-5.72	H	PK
11220	41.86	9.69	51.55	54	-2.45	H	AV
11220	57.48	9.69	67.17	74	-6.83	V	PK
11220	38.15	9.69	47.84	54	-6.16	V	AV

Frequency	Reading	Correct	Result	Limit	Margin	Polar	Detector
(MHz)	(dBuV/m)	dB	(dBuV/m)	(dBuV/m)	(dB)	H/V	
5775MHz							
11550	55.73	9.93	65.66	74	-8.34	H	PK
11550	38.60	9.93	48.53	54	-5.47	H	AV
11550	57.67	9.93	67.60	74	-6.40	V	PK
11550	38.97	9.93	48.90	54	-5.10	V	AV

- Out of Band edge for 5150-5250MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.85	-27
Highest	Above 5350	-36.57	-27
Note: the data just list the worst cases			

- Out of Band edge for 5250-5350MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5150	-38.69	-27
Highest	Above 5350	-36.38	-27
Note: the data just list the worst cases			

- Out of Band edge for 5470-5725MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5470	-39.12	
Highest	Above 5725	-37.19	
Note: the data just list the worst cases			

- Out of Band edge for 5725-5850MHz

Test CH.	Test Segment	Result	Limit
	MHz	dBm/MHz	dBm/MHz
Lowest	Below 5715	-39.62	-27
	5715 to 5725	-33.56	-17
Highest	5850 to 5860	-30.27	-17
	Above 5860	-38.33	-27
Note: the data just list the worst cases			

Note: Testing is carried out with frequency rang 9kHz to 40GHz, other than listed in the table above are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

9. Frequency Stability

9.1 Standard Applicable

According to §15.407(g), manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

9.2 Test Procedure

According to §2.1055, the following test procedure was performed.
The Frequency Stability is measured directly with a Frequency Domain Analyzer. Frequency Deviation in ppm is calculated from the measured peak to peak value.
The Carrier Frequency Stability over Power Supply Voltage and over Temperature is measured with a Frequency Domain Analyzer in histogram mode.

9.3 Summary of Test Results/Plots

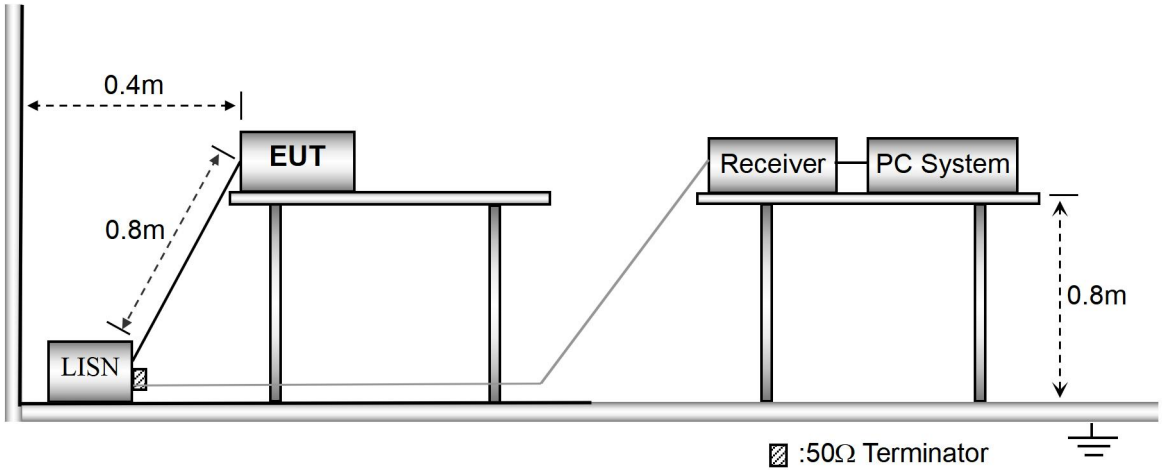
Please refer to Appendix D

10 Conducted Emissions

10.1 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 Limit.
The external I/O cables were draped along the test table and formed a bundle 30 to 40cm long in the middle. The spacing between the peripherals was 10cm.

10.2 Basic Test Setup Block Diagram



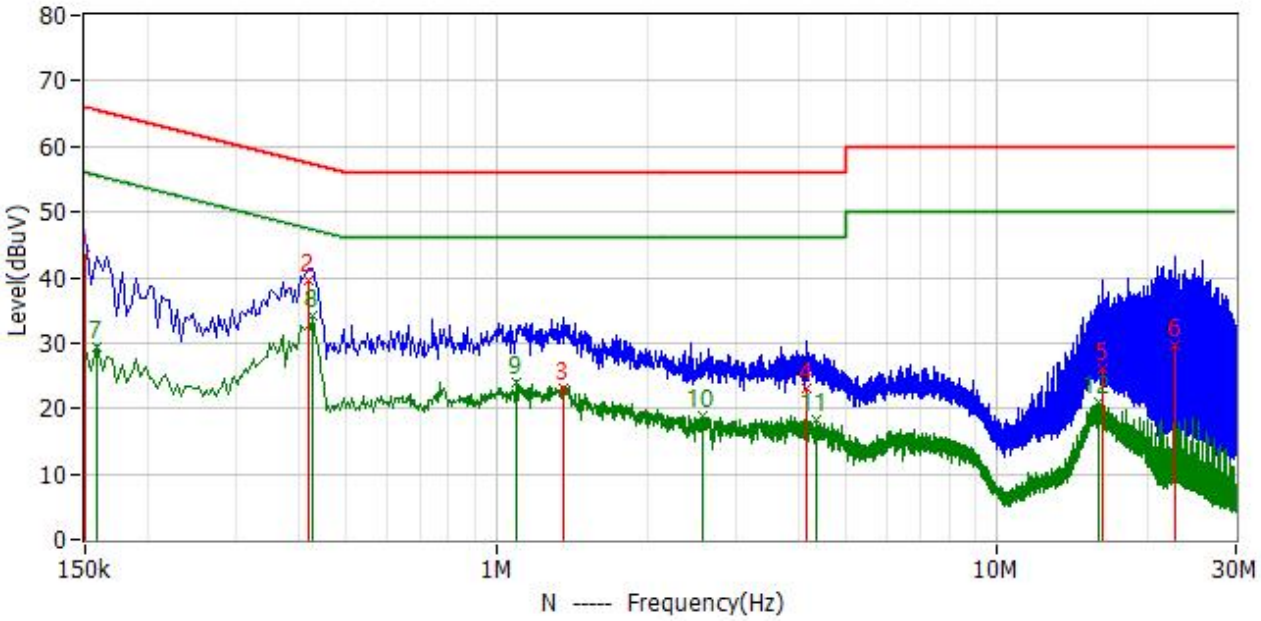
10.3 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency..... 150kHz
Stop Frequency..... 30MHz
Sweep Speed.....Auto
IF Bandwidth..... 10kHz
Quasi-Peak Adapter Bandwidth.....9kHz
Quasi-Peak Adapter Mode.....Normal

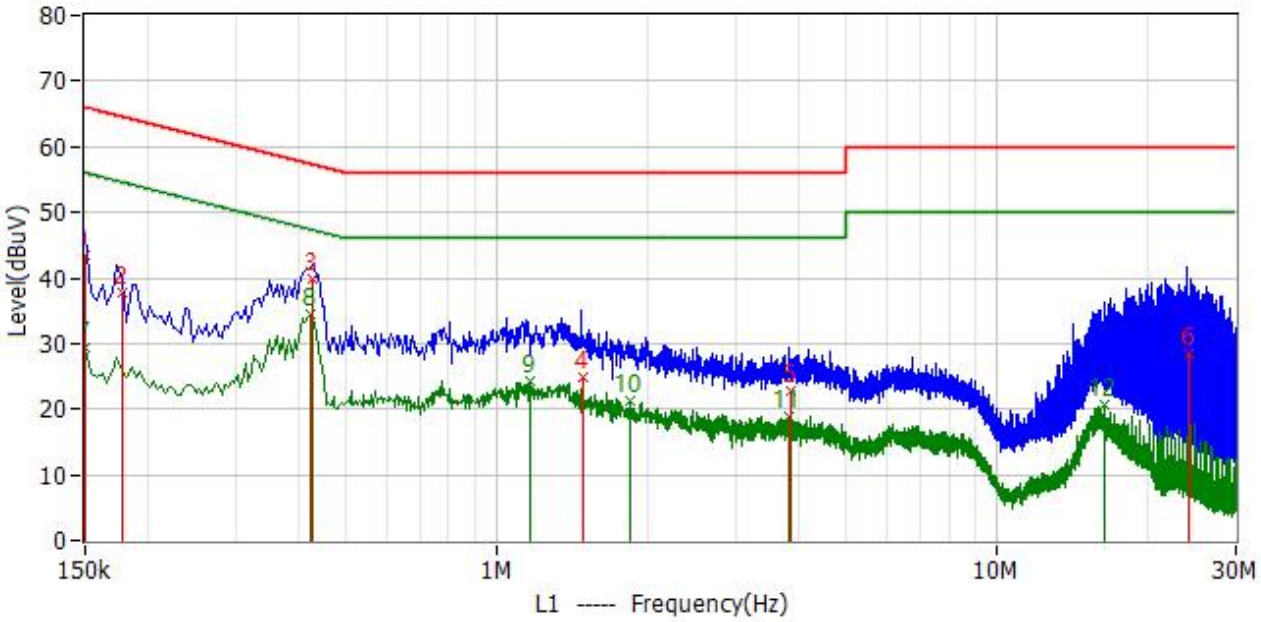
10.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Delta dB	Detector
1	150.000kHz	33.7	9.7	43.4	66.0	-22.6	QP
2	418.000kHz	29.8	9.9	39.7	57.5	-17.8	QP
3	1.362MHz	13.3	9.7	23.0	56.0	-33.0	QP
4	4.150MHz	13.2	9.8	23.0	56.0	-33.0	QP
5	16.234MHz	16.5	9.7	26.2	60.0	-33.8	QP
6	22.726MHz	19.5	10.2	29.7	60.0	-30.3	QP
7*	158.000kHz	19.8	9.7	29.5	55.6	-26.0	AV
8*	426.000kHz	24.4	9.8	34.2	47.3	-13.2	AV
9*	1.090MHz	14.4	9.7	24.1	46.0	-21.9	AV
10*	2.574MHz	9.1	9.7	18.8	46.0	-27.2	AV
11*	4.358MHz	8.4	9.8	18.2	46.0	-27.8	AV
12*	15.954MHz	11.2	9.7	20.9	50.0	-29.1	AV

Test Mode	Communication	AC120V 60Hz	Polarity:	Line



No.	Frequency	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Delta dB	Detector
1	150.000kHz	33.4	9.9	43.3	66.0	-22.7	QP
2	178.000kHz	27.9	9.8	37.7	64.6	-26.9	QP
3	426.000kHz	30.1	9.8	39.9	57.3	-17.4	QP
4	1.482MHz	15.1	9.8	24.9	56.0	-31.1	QP
5	3.854MHz	12.9	9.9	22.8	56.0	-33.2	QP
6	24.070MHz	18.3	10.1	28.4	60.0	-31.6	QP
7*	150.000kHz	19.4	9.9	29.3	56.0	-26.7	AV
8*	422.000kHz	24.7	9.8	34.5	47.4	-12.9	AV
9*	1.162MHz	14.4	9.8	24.2	46.0	-21.8	AV
10*	1.842MHz	11.5	9.8	21.3	46.0	-24.7	AV
11*	3.822MHz	9.0	9.9	18.9	46.0	-27.1	AV
12*	16.370MHz	10.8	9.8	20.6	50.0	-29.4	AV

APPENDIX SUMMARY

Project No.	WTX24X05101437W	Test Engineer	Timi Huang
Start date	2024/5/17	Finish date	2024/5/21
Temperature	24℃	Humidity	52%
RF specifications	U-NII		

APPENDIX	Description of Test Item	Result
A	Power Spectral Density	Compliant
B	Emission Bandwidth and Occupied Bandwidth	Compliant
C	Maximum Conducted Output Power	Compliant
D	Frequency Stability	Compliant

APPENDIX A

Power Spectral Density					
U-NII-1:5150-5250MHz					
Operating mode	Test Channel	ANT 0 dBm/MHz	ANT 1 dBm/MHz	Total dBm/MHz	Limit (dBm/MHz)
802.11a	5180	4.94	4.50	/	11
	5200	5.05	4.44	/	11
	5240	5.45	4.57	/	11
802.11n-HT20	5180	3.06	3.41	6.25	8.11
	5200	3.08	3.29	6.20	8.11
	5240	3.55	3.34	6.46	8.11
802.11n-HT40	5190	0.28	0.90	3.61	8.11
	5230	0.74	0.75	3.76	8.11
802.11ac-VHT20	5180	3.02	3.43	6.24	8.11
	5200	3.10	3.33	6.23	8.11
	5240	3.54	3.36	6.46	8.11
802.11ac-VHT40	5190	0.39	0.87	3.65	8.11
	5230	0.73	0.75	3.75	8.11
802.11ac-VHT80	5210	-2.69	-2.52	0.41	8.11
802.11ax-HE20	5180	2.70	3.06	5.89	8.11
	5200	2.76	2.97	5.88	8.11
	5240	3.28	3.07	6.19	8.11
802.11ax-HE40	5190	-0.04	0.55	3.28	8.11
	5230	0.42	0.49	3.47	8.11
802.11ax-HE80	5210	-2.75	-2.65	0.31	8.11

Power Spectral Density					
U-NII-2A: 5250-5350MHz					
Operating mode	Test Channel	ANT 0 dBm/MHz	ANT 1 dBm/MHz	Total dBm/MHz	Limit (dBm/MHz)
802.11a	5260	4.90	4.71	/	11
	5280	5.10	4.93	/	11
	5320	5.20	5.22	/	11
802.11n-HT20	5260	3.78	3.43	6.62	8.11
	5280	3.97	3.75	6.87	8.11
	5320	4.04	4.02	7.04	8.11
802.11n-HT40	5270	0.33	0.37	3.36	8.11
	5310	0.51	0.67	3.60	8.11
802.11ac-VHT20	5260	3.76	3.45	6.62	8.11

	5280	3.98	3.72	6.86	8.11
	5320	4.06	4.01	7.05	8.11
802.11ac-VHT40	5270	0.30	0.29	3.31	8.11
	5310	0.42	0.59	3.52	8.11
802.11ac-VHT80	5290	-2.93	-2.86	0.12	8.11
802.11ax-HE20	5260	3.48	3.15	6.33	8.11
	5280	3.67	3.46	6.58	8.11
	5320	3.76	3.76	6.77	8.11
802.11ax-HE40	5270	-0.04	0.06	3.02	8.11
	5310	0.12	0.39	3.27	8.11
802.11ax-HE80	5290	-2.96	-2.95	0.06	8.11

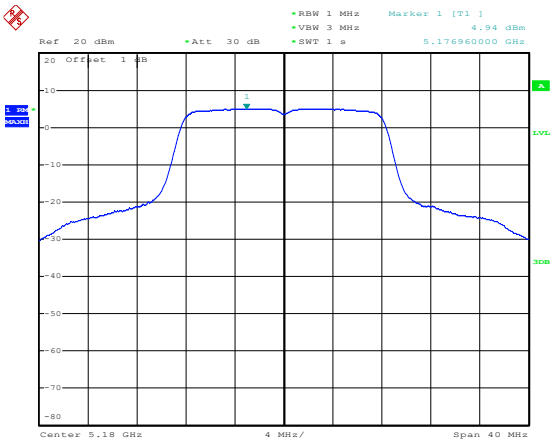
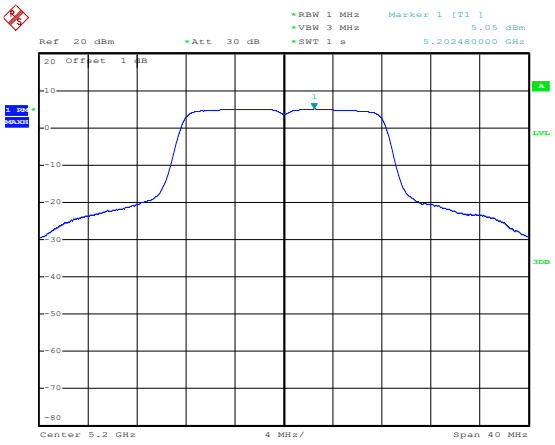
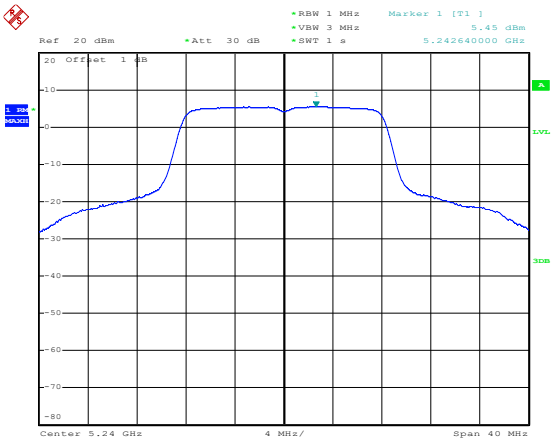
Power Spectral Density					
U-NII-2C: 5470-5725MHz					
Operating mode	Test Channel	ANT 0 dBm/MHz	ANT 1 dBm/MHz	Total dBm/MHz	Limit (dBm/MHz)
802.11a	5500	5.29	5.64	/	11
	5600	4.49	4.71	/	11
	5700	4.71	4.93	/	11
802.11n-HT20	5500	3.99	4.41	7.22	8.11
	5600	2.39	3.48	5.98	8.11
	5700	2.78	3.71	6.28	8.11
802.11n-HT40	5510	1.05	1.47	4.28	8.11
	5590	-0.33	0.67	3.21	8.11
	5670	-0.67	0.71	3.08	8.11
802.11ac-VHT20	5500	3.95	4.41	7.20	8.11
	5600	2.38	3.50	5.99	8.11
	5700	2.76	3.72	6.28	8.11
802.11ac-VHT40	5510	0.93	1.54	4.26	8.11
	5590	-0.33	0.67	3.21	8.11
	5670	-0.66	0.69	3.08	8.11
802.11ac-VHT80	5530	-2.63	-1.86	0.78	8.11
	5610	-3.82	-2.59	-0.15	8.11
802.11ax-HE20	5500	3.68	4.13	6.92	8.11
	5600	2.13	3.15	5.68	8.11
	5700	2.49	3.41	5.98	8.11
802.11ax-HE40	5510	0.70	1.28	4.01	8.11
	5590	-0.33	0.67	3.21	8.11
	5670	-0.99	0.38	2.76	8.11
802.11ax-HE80	5530	-2.63	-1.96	0.73	8.11
	5610	-3.84	-2.67	-0.21	8.11

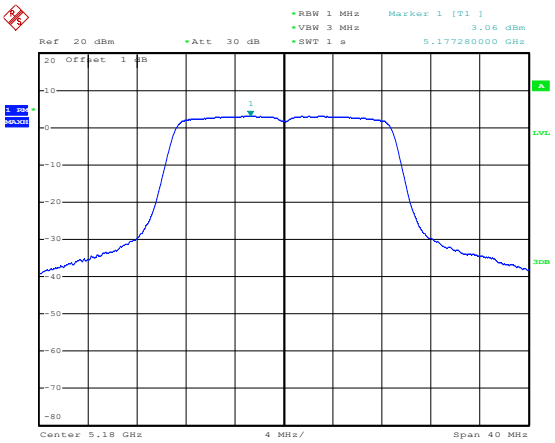
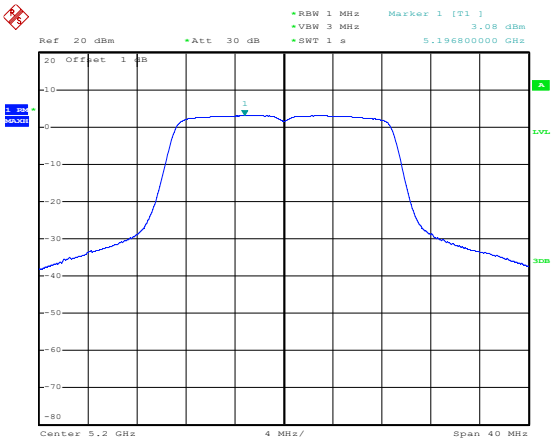
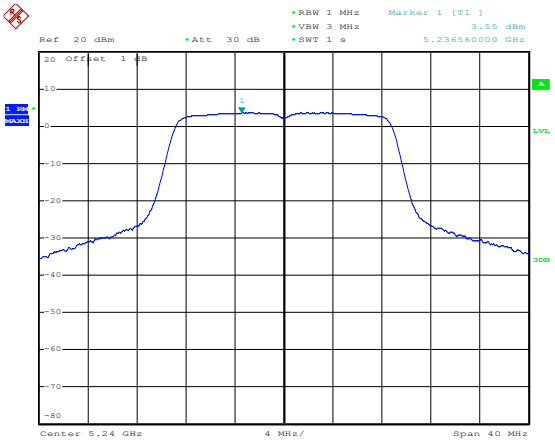
Power Spectral Density							
U-NII-3: 5725-5850MHz							
Operating mode	Test Channel	ANT 0 dBm/300kHz	ANT 1 dBm/300kHz	Factor	ANT 0 dBm/500kHz*	ANT 1 dBm/500kHz*	Limit dBm/500kHz
802.11a	5745	-0.03	0.36	2.22	2.19	2.58	30
	5785	0.58	0.62	2.22	2.8	2.84	30
	5825	0.59	1.14	2.22	2.81	3.36	30
*Note: Maximum PSD=PSD(dBm/300kHz)+10log(500kHz/300kHz)=2.22							

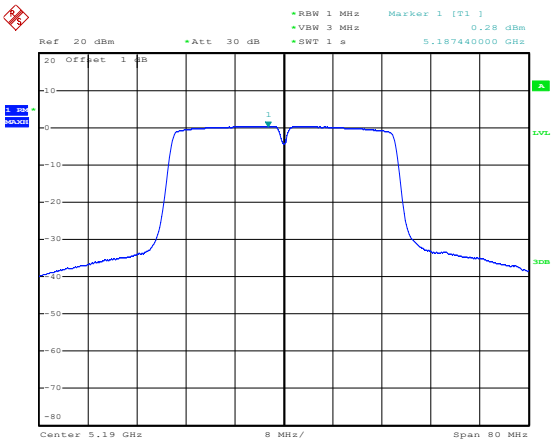
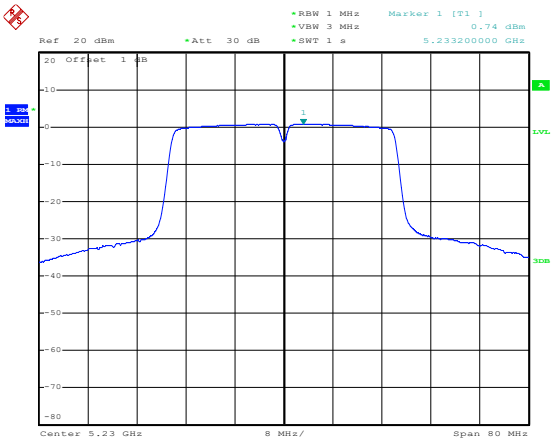
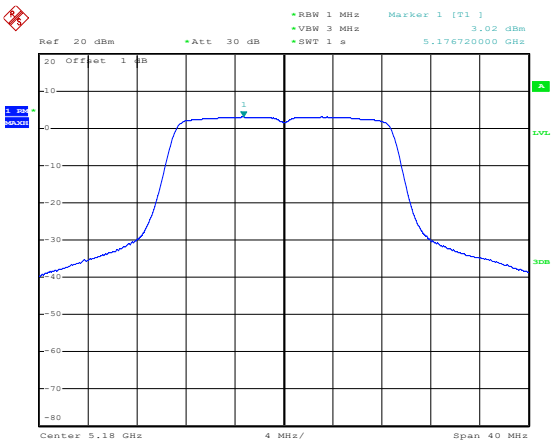
Power Spectral Density						
U-NII-3: 5725-5850MHz						
Operating mode	Test Channel	ANT 0 dBm/300kHz	ANT 1 dBm/300kHz	Factor	Total dBm/500kHz*	Limit dBm/500kHz
802.11n-HT20	5745	-1.15	-0.85	2.22	4.23	27.11
	5785	-1.67	-0.59	2.22	4.13	27.11
	5825	-1.62	-0.12	2.22	4.42	27.11
802.11n-HT40	5755	-3.99	-4.52	2.22	0.98	27.11
	5795	-4.51	-4.29	2.22	0.83	27.11
802.11ac-VHT 20	5745	-1.27	-0.94	2.22	4.13	27.11
	5785	-1.67	-0.66	2.22	4.09	27.11
	5825	-1.61	-0.15	2.22	4.41	27.11
802.11ac-VHT 40	5755	-4.00	-4.62	2.22	0.93	27.11
	5795	-4.69	-4.27	2.22	0.76	27.11
802.11ac-VHT 80	5775	-7.07	-7.67	2.22	-2.13	27.11
802.11ax-HE20	5745	-1.65	-1.32	2.22	3.75	27.11
	5785	-2.00	-1.01	2.22	3.75	27.11
	5825	-1.92	-0.50	2.22	4.08	27.11
802.11ax-HE40	5755	-4.42	-4.87	2.22	0.59	27.11
	5795	-5.03	-4.68	2.22	0.38	27.11
802.11ax-HE80	5775	-7.12	-7.83	2.22	-2.23	27.11
*Note: Maximum PSD=PSD(dBm/300kHz)+10log(500kHz/300kHz)=2.22						

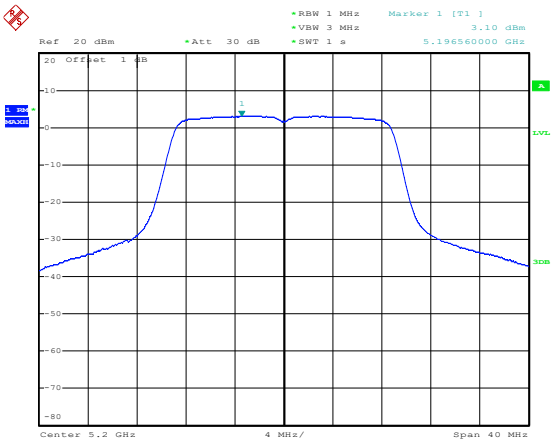
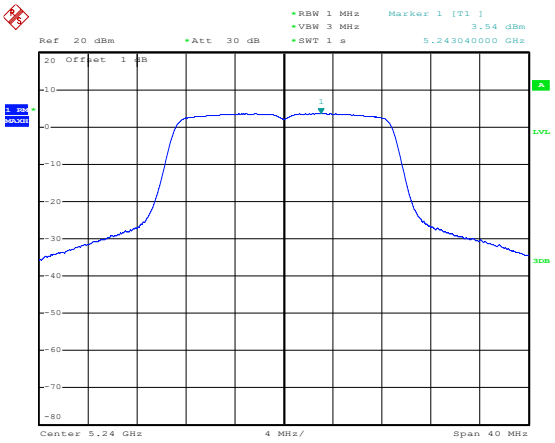
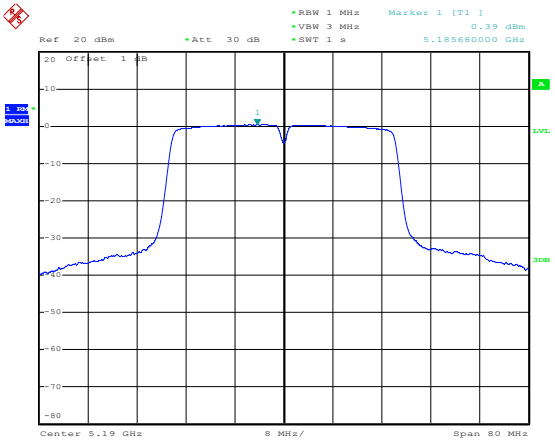
ANT 0

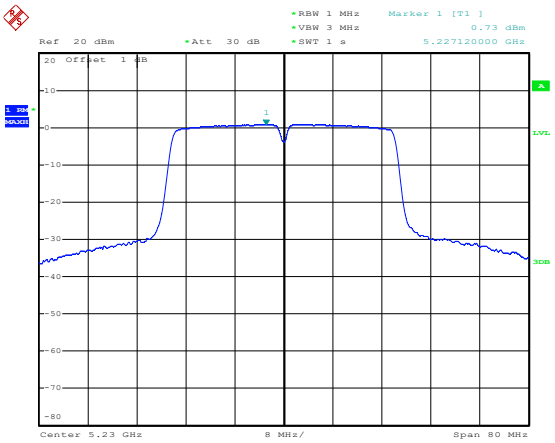
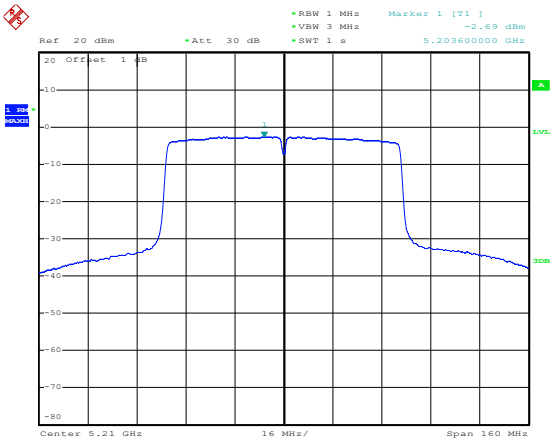
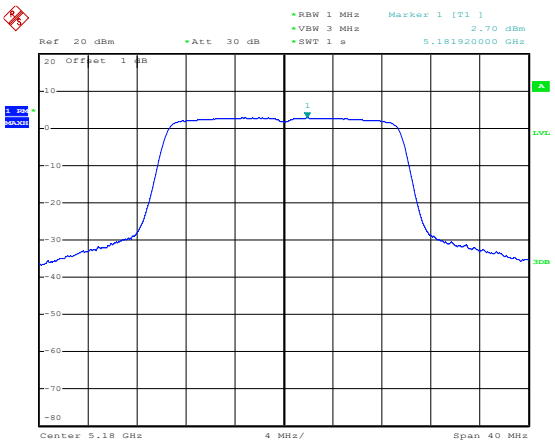
5150-5250MHz

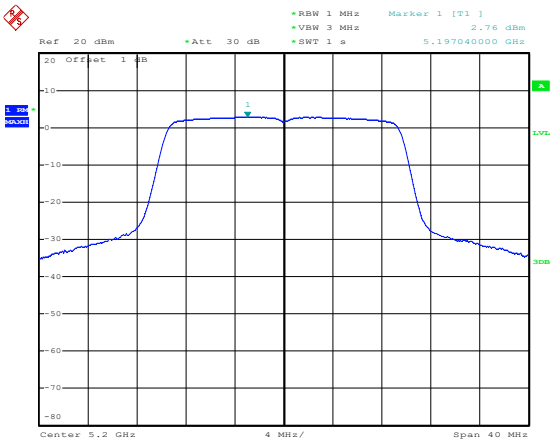
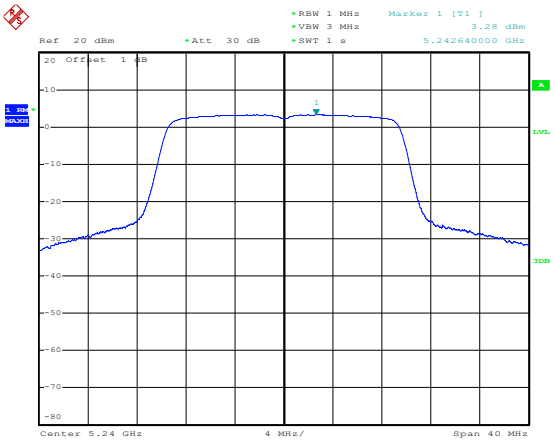
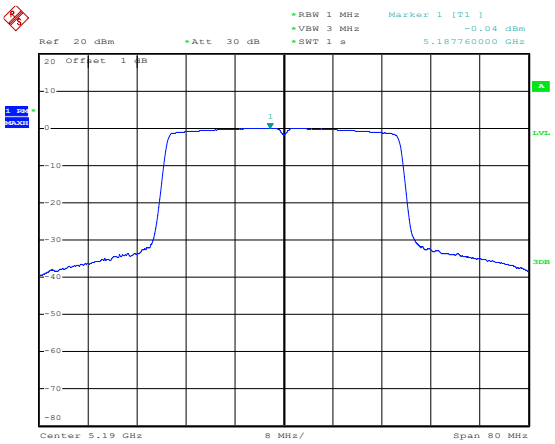
802.11a-Low	
802.11a-Middle	
802.11a-High	

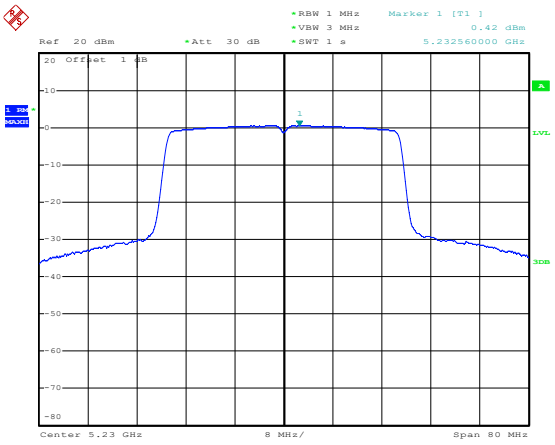
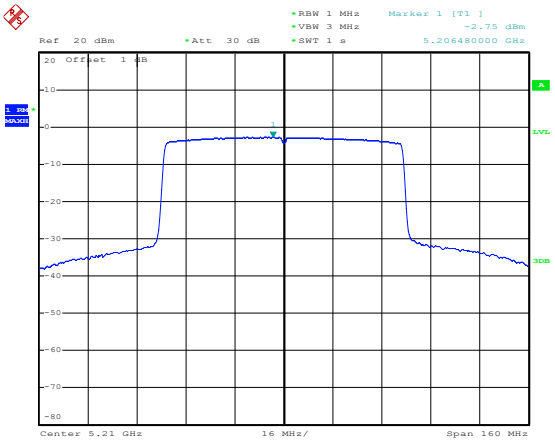
802.11n-HT20-Low	 Date: 18.MAY.2024 16:02:30
802.11n-HT20-Middle	 Date: 18.MAY.2024 16:03:23
802.11n-HT20-High	 Date: 18.MAY.2024 16:04:09

802.11n-HT40-Low	 Date: 18.MAY.2024 16:05:22
802.11n-HT40-High	 Date: 18.MAY.2024 16:06:13
802.11ac-VHT20-Low	 Date: 18.MAY.2024 16:02:42

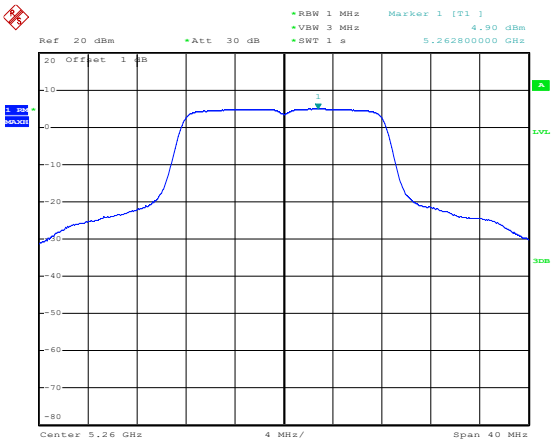
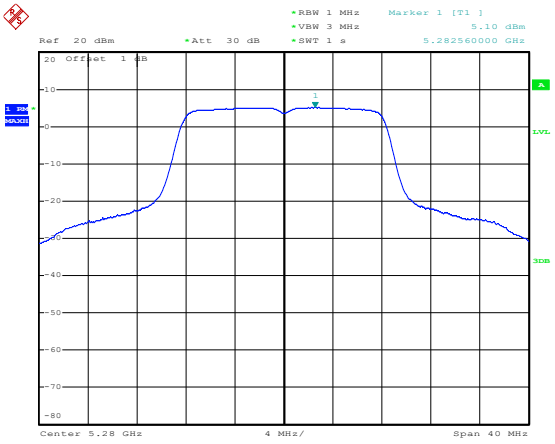
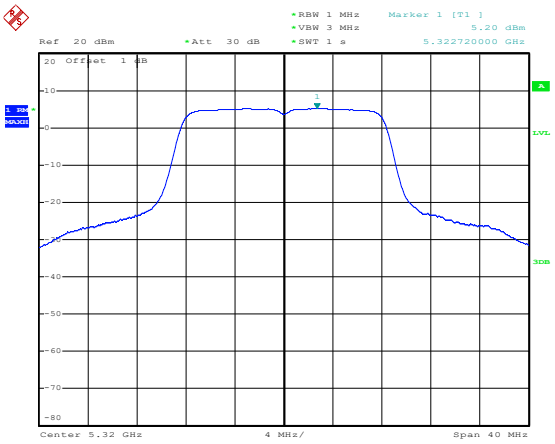
802.11ac-VHT20-Middle	 Date: 18.MAY.2024 16:03:35
802.11ac-VHT20-High	 Date: 18.MAY.2024 16:04:22
802.11ac-VHT40-Low	 Date: 18.MAY.2024 16:05:35

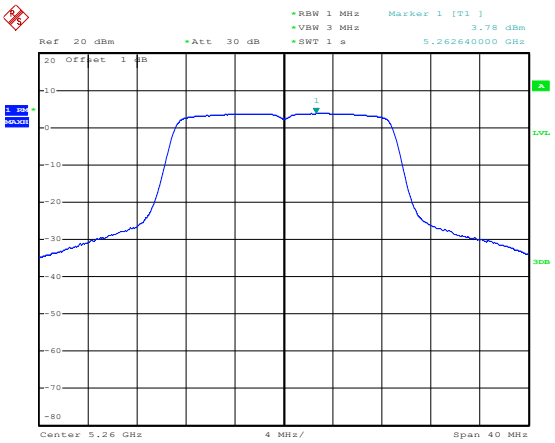
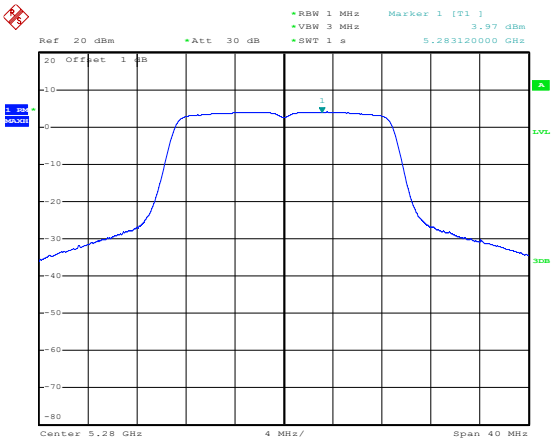
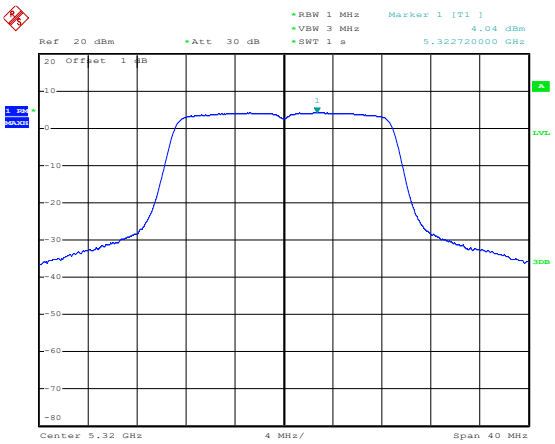
802.11ac-VHT40-High	
802.11ac-VHT80	
802.11ax-HE20-Low	

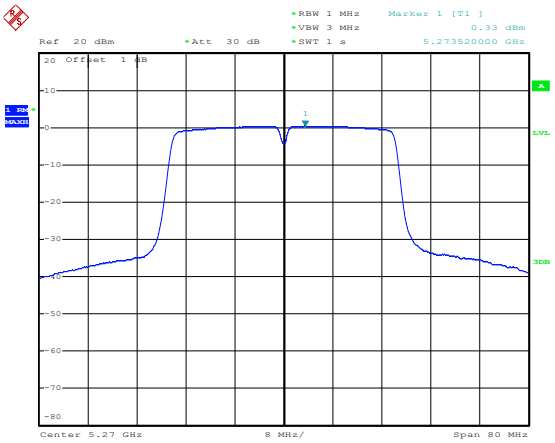
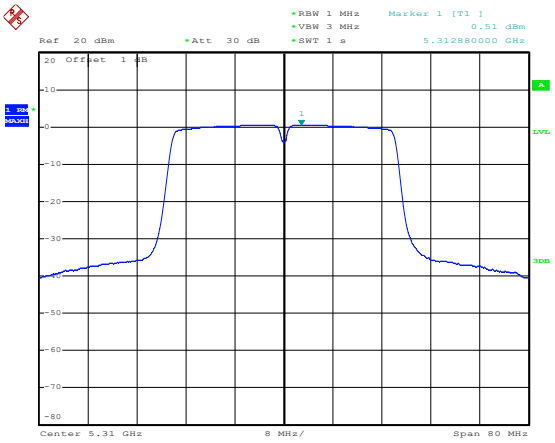
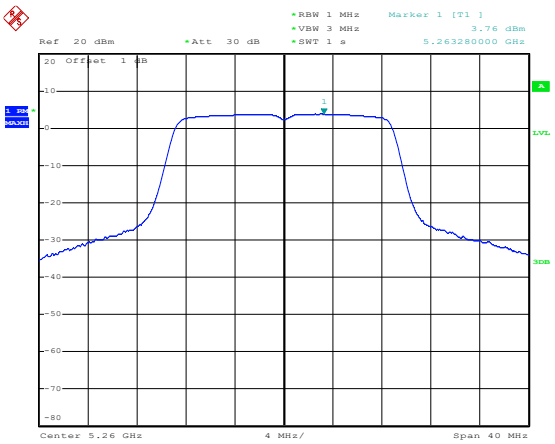
802.11ax-HE20-Middle	
802.11ax-HE20-High	
802.11ax-HE40-Low	

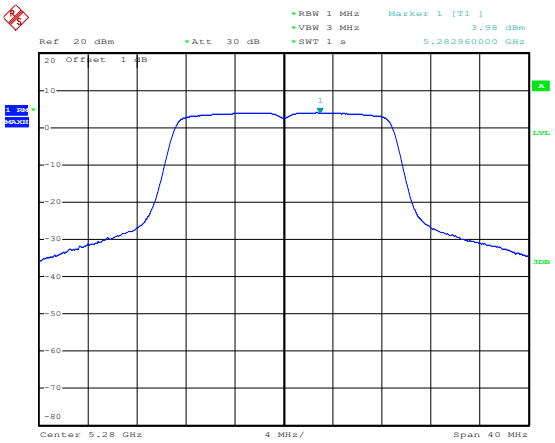
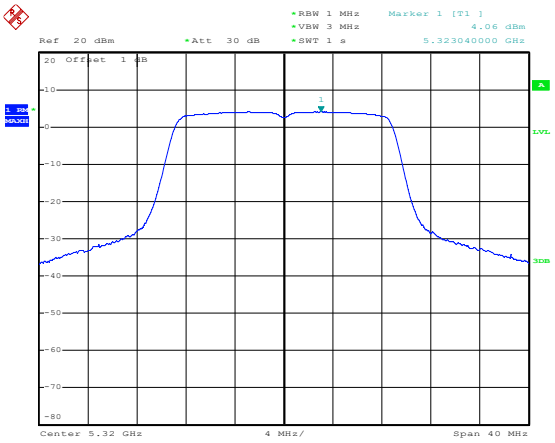
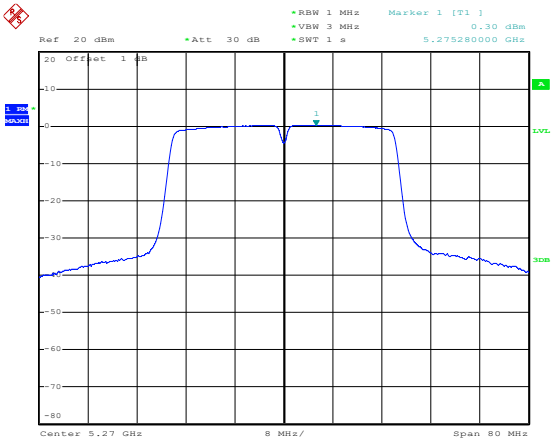
802.11ax-HE40-High	
802.11ax-HE80	

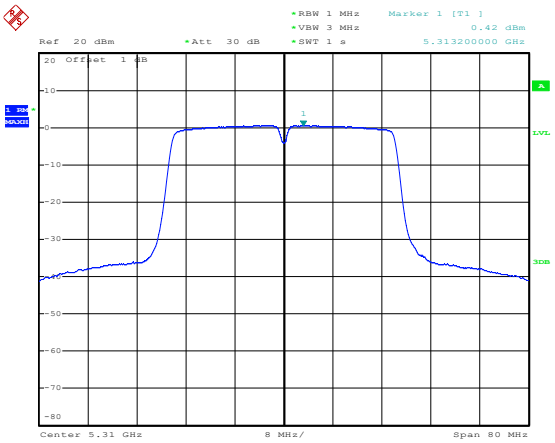
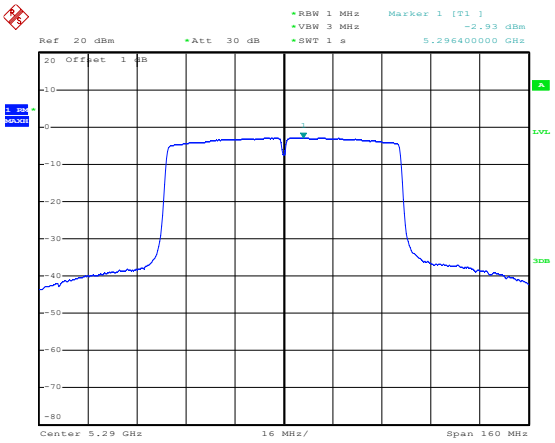
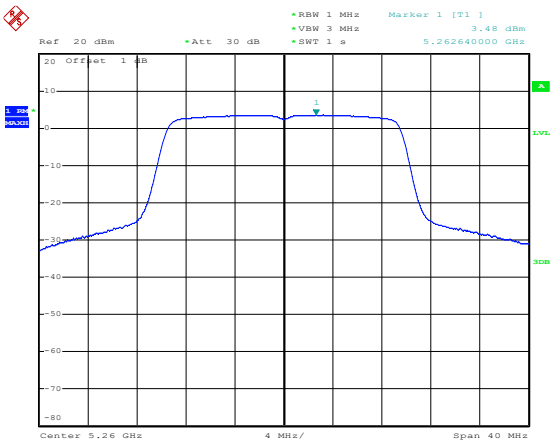
5250-5350MHz

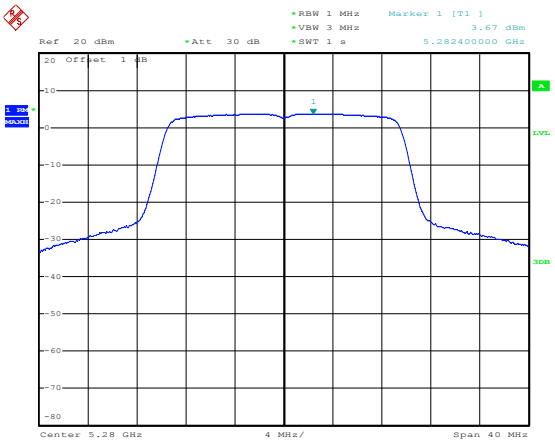
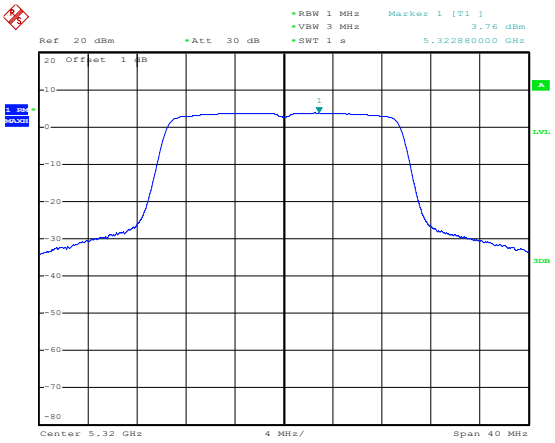
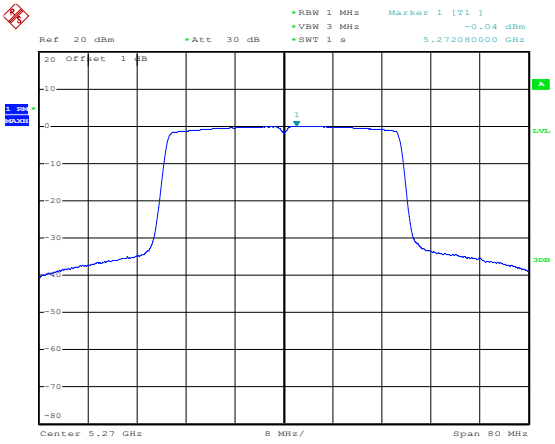
802.11a-Low	
802.11a-Middle	
802.11a-High	

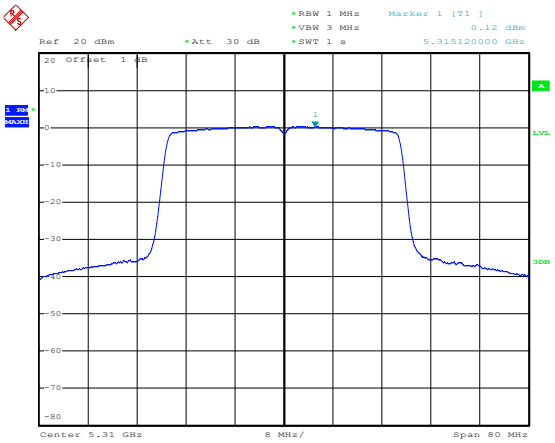
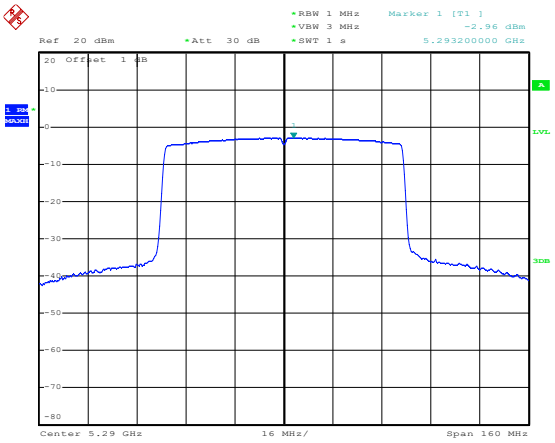
802.11n-HT20-Low	 Date: 18.MAY.2024 16:13:44
802.11n-HT20-Middle	 Date: 18.MAY.2024 16:14:47
802.11n-HT20-High	 Date: 18.MAY.2024 16:15:44

802.11n-HT40-Low	 Date: 18.MAY.2024 16:19:22
802.11n-HT40-High	 Date: 18.MAY.2024 16:20:45
802.11ac-VHT20-Low	 Date: 18.MAY.2024 16:13:59

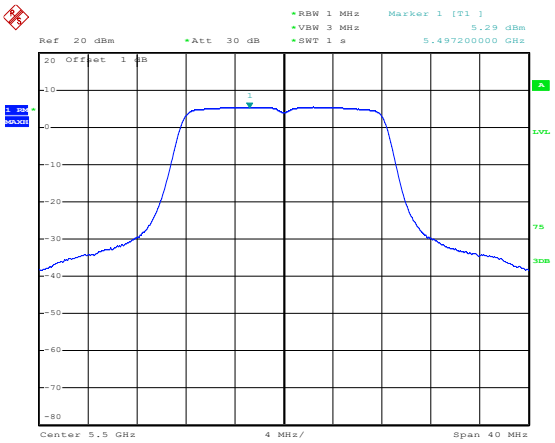
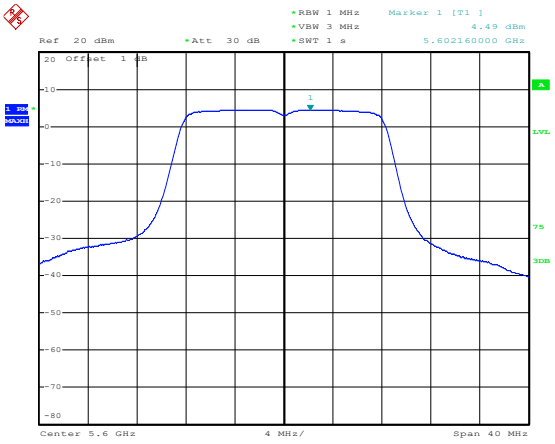
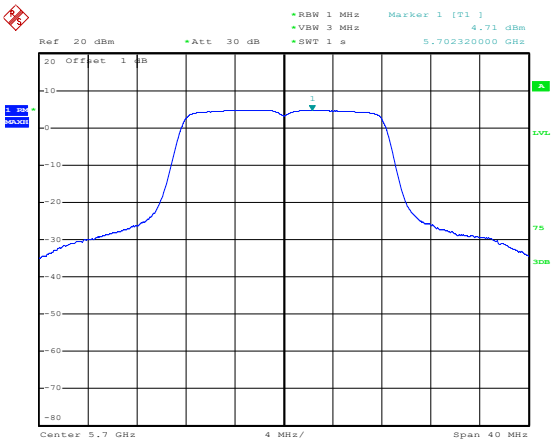
802.11ac-VHT20-Middle	 Date: 18.MAY.2024 16:15:04
802.11ac-VHT20-High	 Date: 18.MAY.2024 16:16:00
802.11ac-VHT40-Low	 Date: 18.MAY.2024 16:19:49

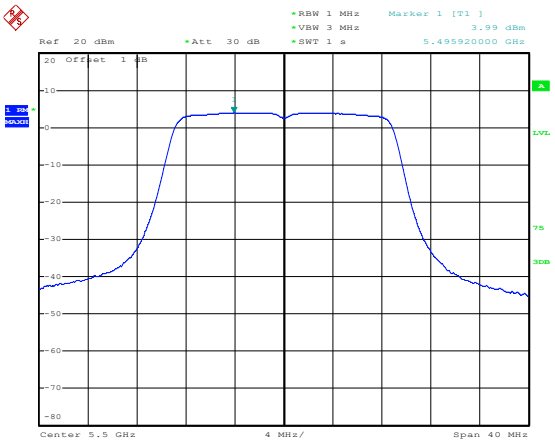
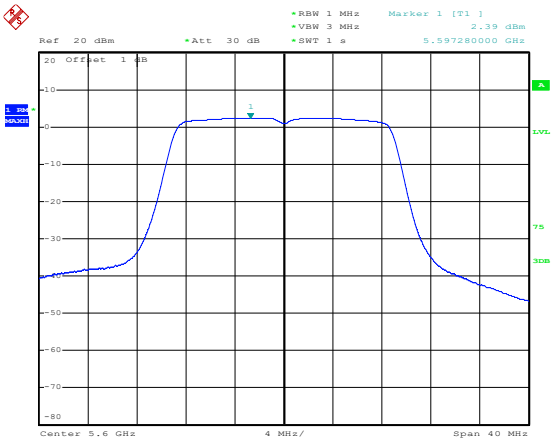
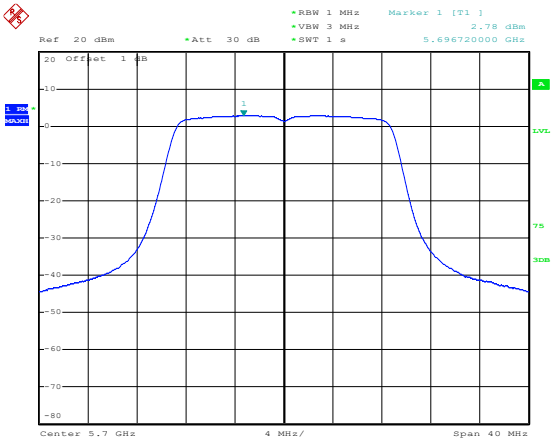
802.11ac-VHT40-High	
802.11ac-VHT80	
802.11ax-HE20-Low	

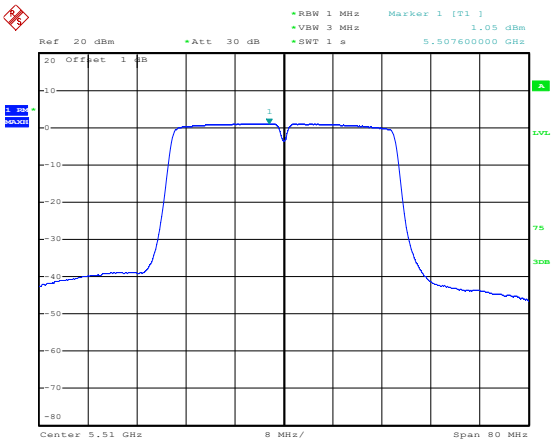
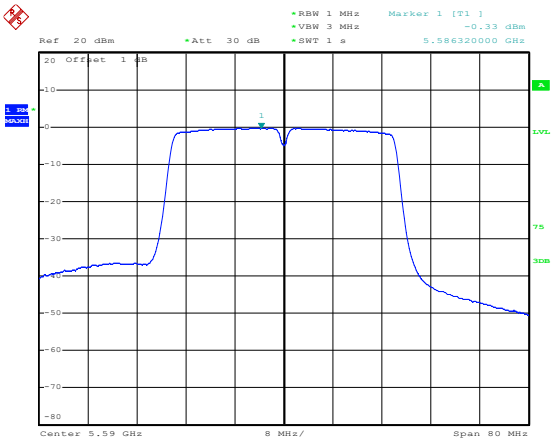
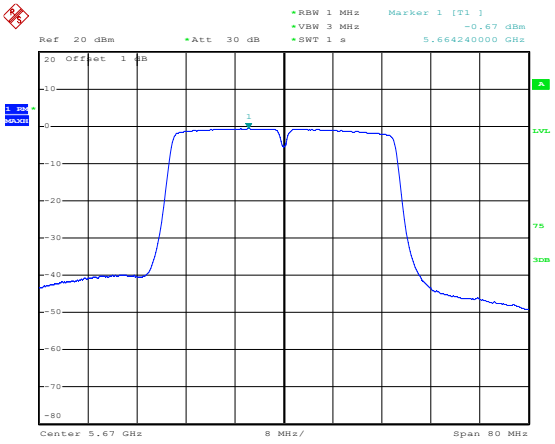
802.11ax-HE20-Middle	 Date: 18.MAY.2024 16:15:19
802.11ax-HE20-High	 Date: 18.MAY.2024 16:16:13
802.11ax-HE40-Low	 Date: 18.MAY.2024 16:20:03

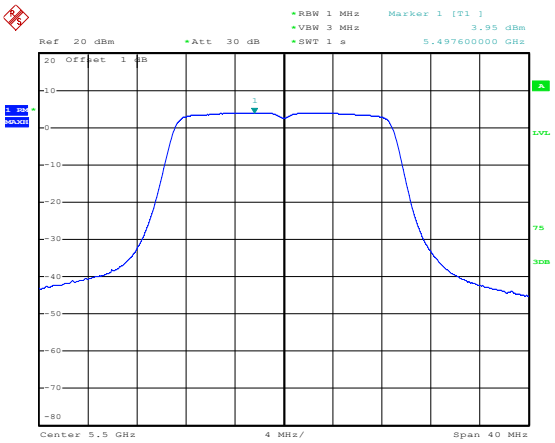
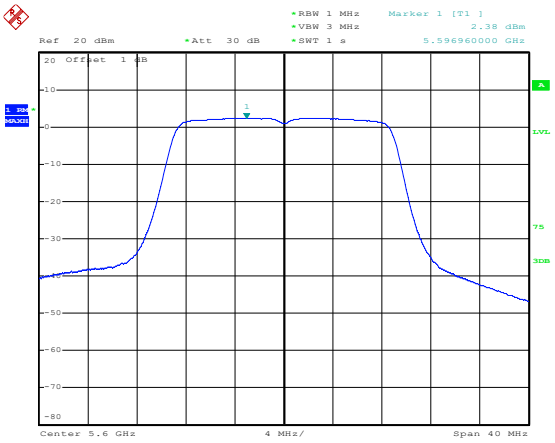
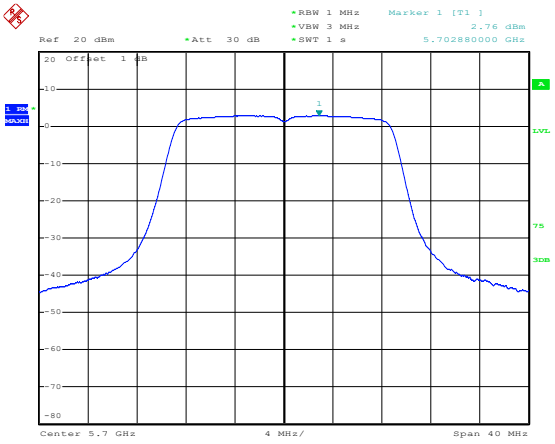
802.11ax-HE40-High	 Date: 18.MAY.2024 16:21:13
802.11ax-HE80	 Date: 18.MAY.2024 16:22:05

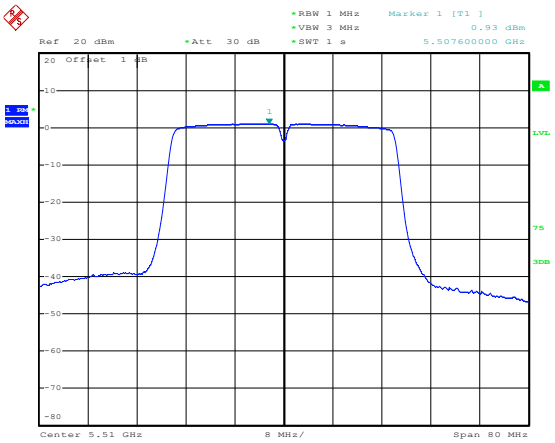
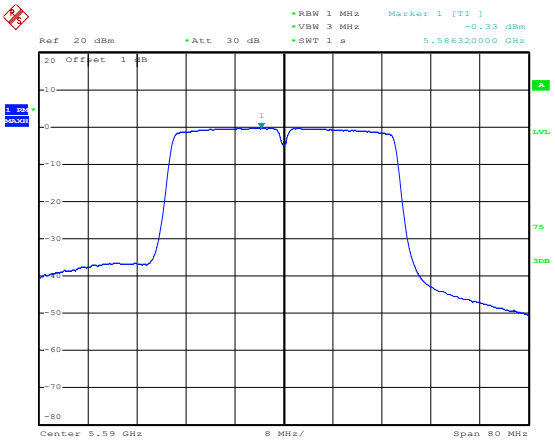
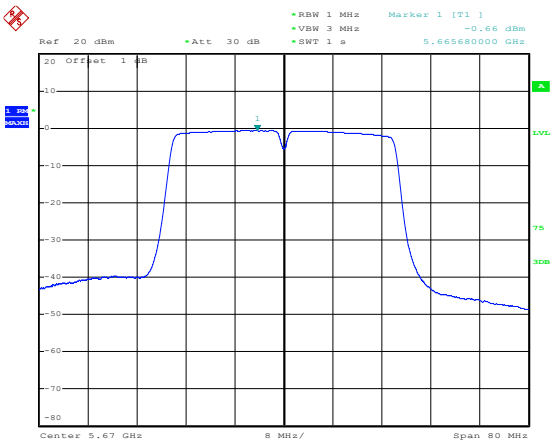
5470-5725MHz

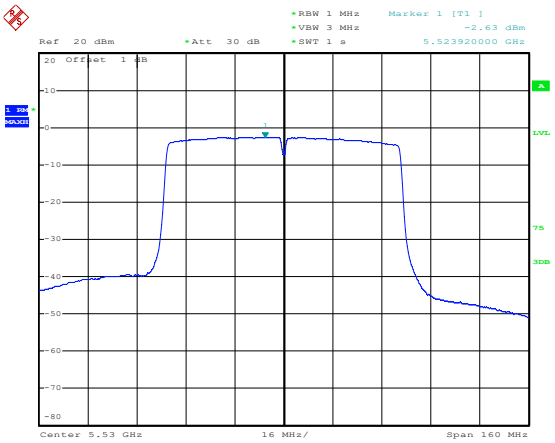
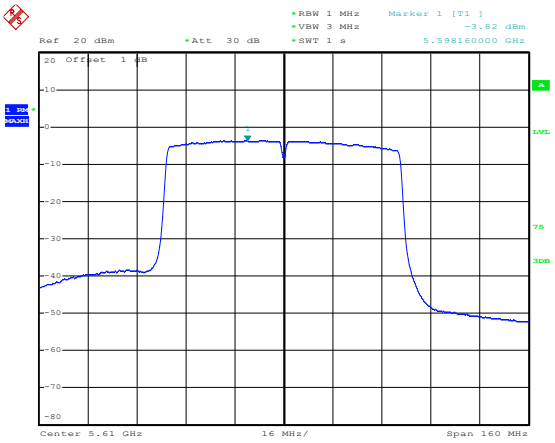
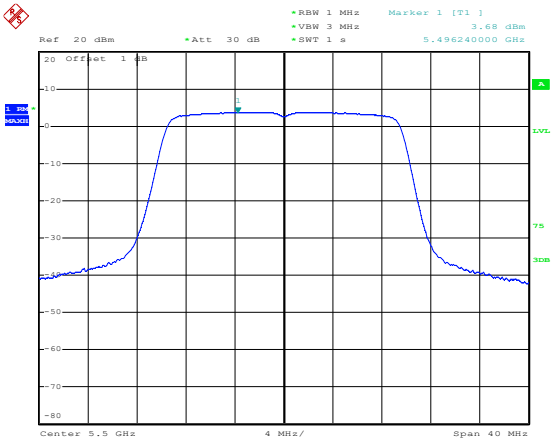
802.11a-Low	 Date: 20.MAY.2024 15:27:54
802.11a-Middle	 Date: 20.MAY.2024 15:38:16
802.11a-High	 Date: 20.MAY.2024 15:38:38

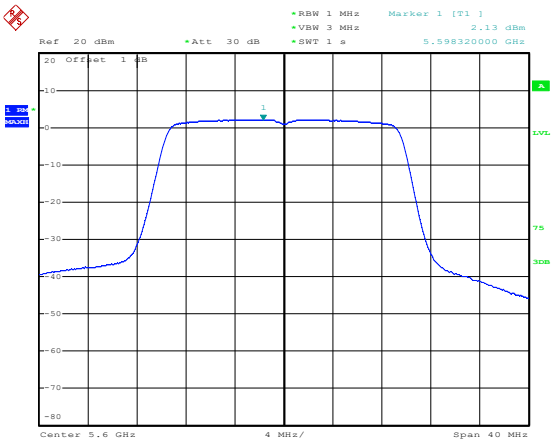
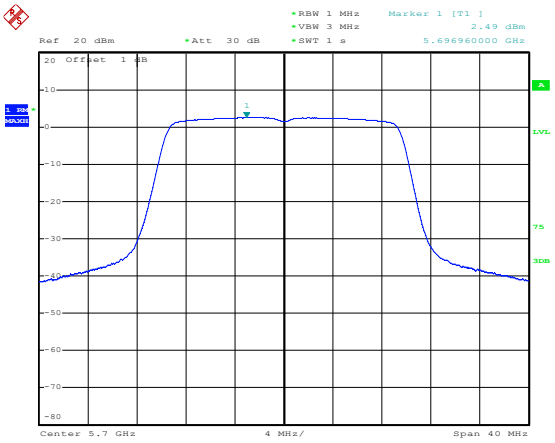
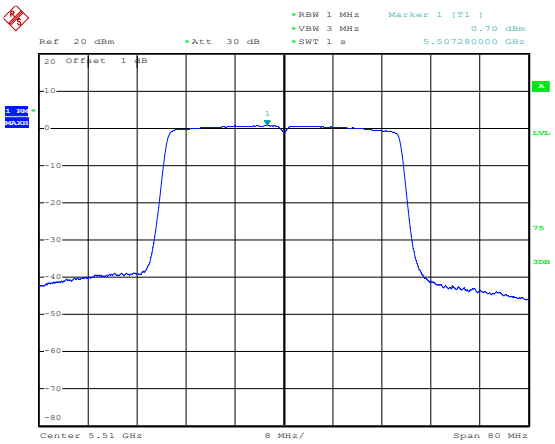
802.11n-HT20-Low	 Date: 20.MAY.2024 15:29:59
802.11n-HT20-Middle	 Date: 20.MAY.2024 15:31:08
802.11n-HT20-High	 Date: 20.MAY.2024 15:32:13

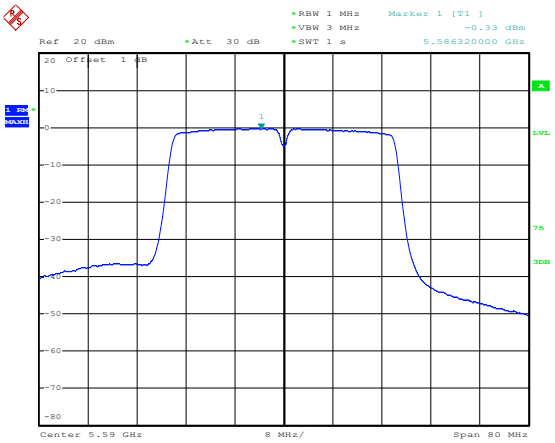
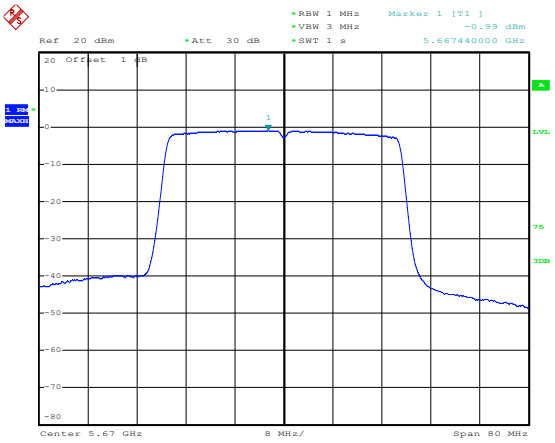
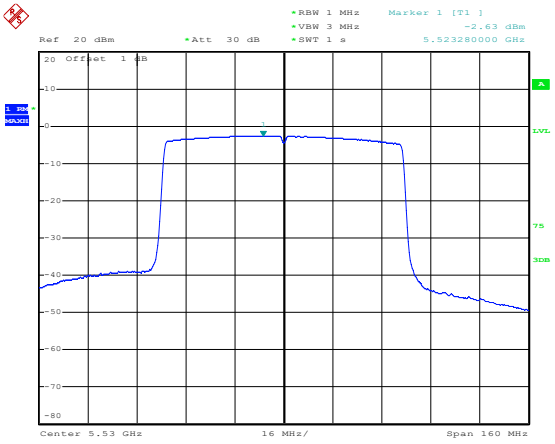
802.11n-HT40-Low	 Date: 20.MAY.2024 15:33:22
802.11n-HT40-Middle	 Date: 20.MAY.2024 15:34:15
802.11n-HT40-High	 Date: 20.MAY.2024 15:35:08

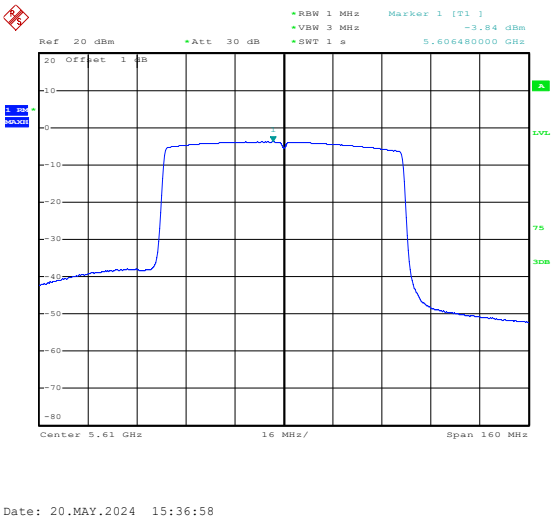
802.11ac-VHT20-Low	 Date: 20.MAY.2024 15:30:19
802.11ac-VHT20-Middle	 Date: 20.MAY.2024 15:31:35
802.11ac-VHT20-High	 Date: 20.MAY.2024 15:32:30

802.11ac-VHT40-Low	 Date: 20.MAY.2024 15:33:36
802.11ac-VHT40-Middle	 Date: 20.MAY.2024 15:34:15
802.11ac-VHT40-High	 Date: 20.MAY.2024 15:35:22

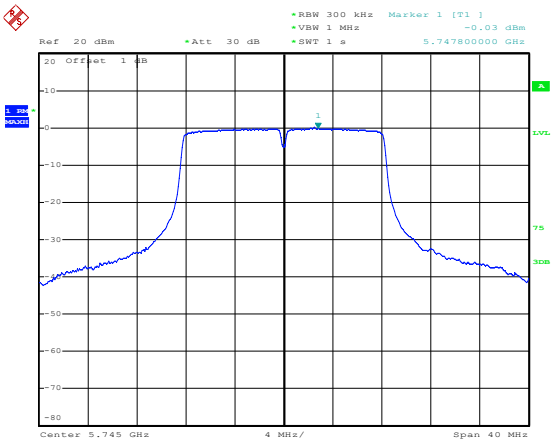
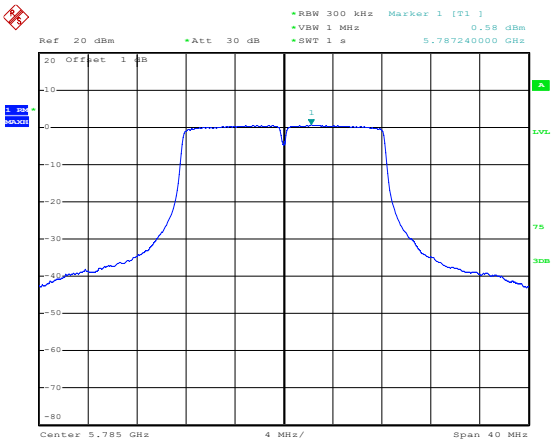
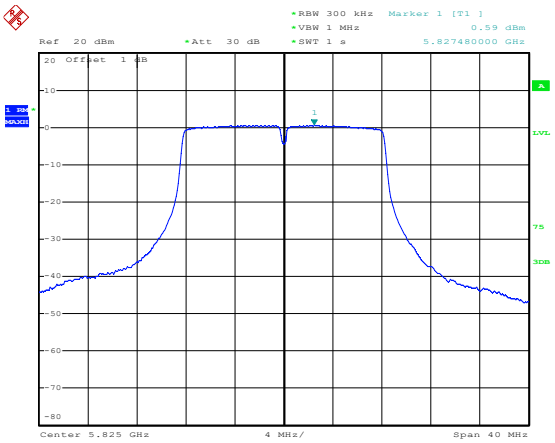
802.11ac-VHT80-Low	 Date: 20.MAY.2024 15:36:06
802.11ac-VHT80-High	 Date: 20.MAY.2024 15:36:45
802.11ax-HE20-Low	 Date: 20.MAY.2024 15:30:35

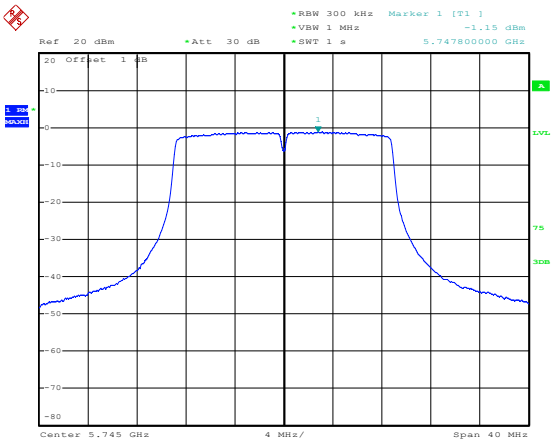
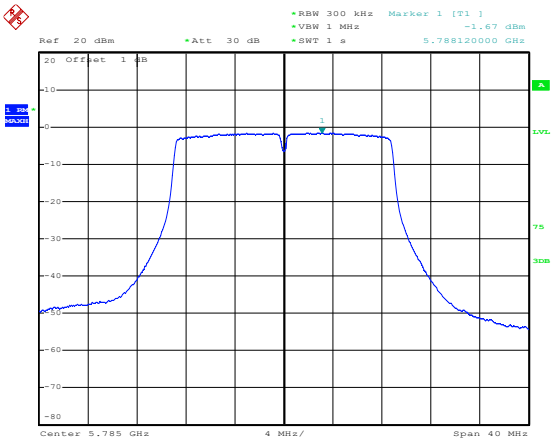
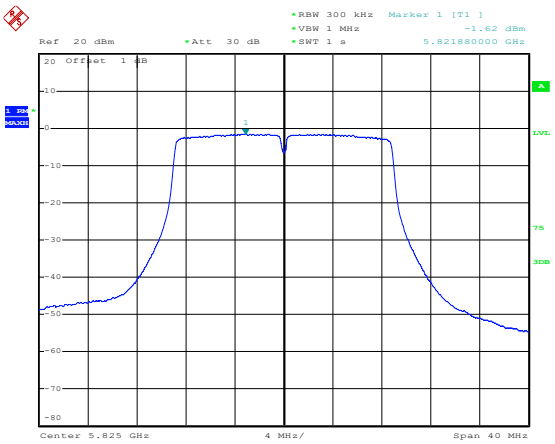
802.11ax-HE20-Middle	
802.11ax-HE20-High	
802.11ax-HE40-Low	

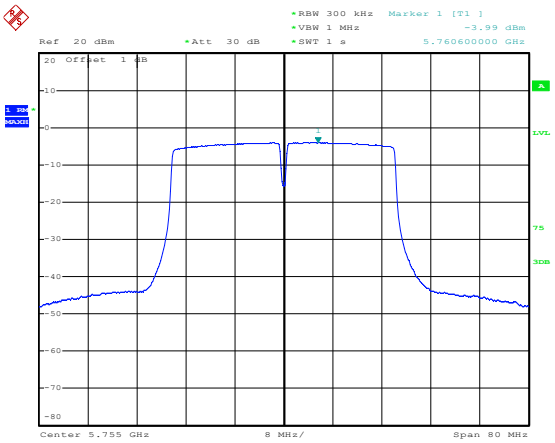
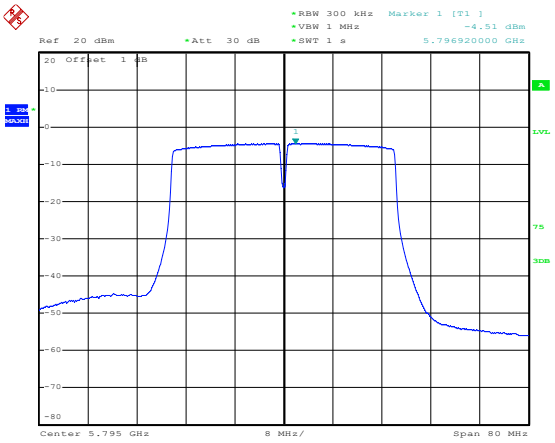
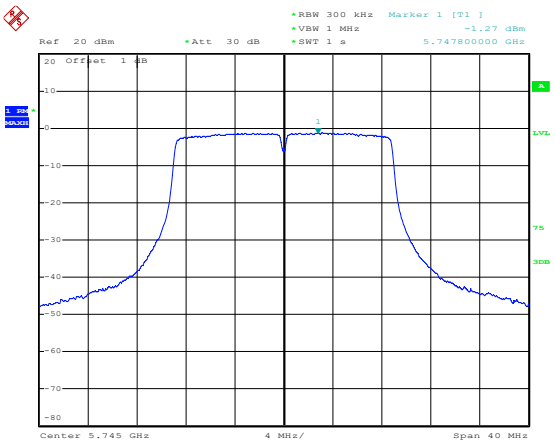
802.11ax-HE40-Middle	 Date: 20.MAY.2024 15:34:15
802.11ax-HE40-High	 Date: 20.MAY.2024 15:35:35
802.11ax-HE80-Low	 Date: 20.MAY.2024 15:36:21

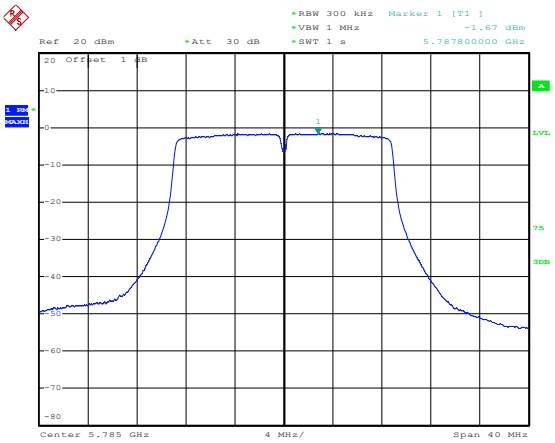
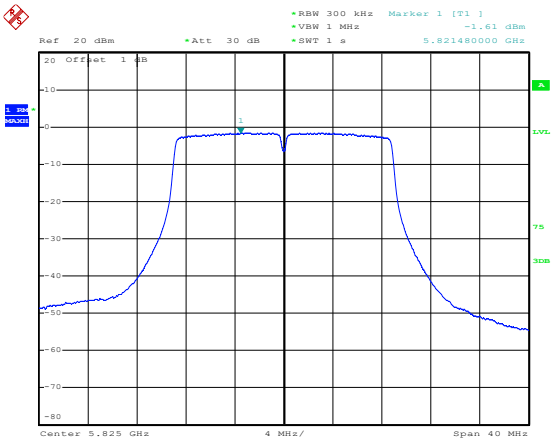
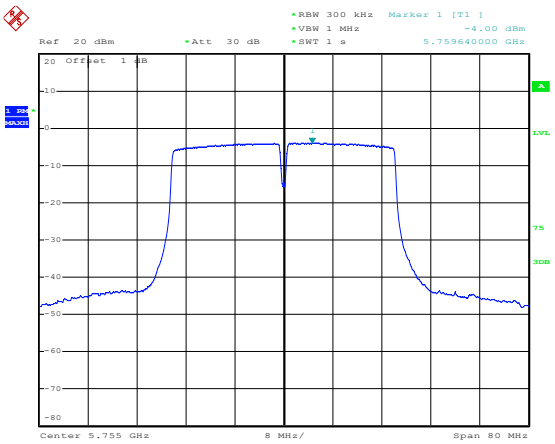
802.11ax-HE80-High	

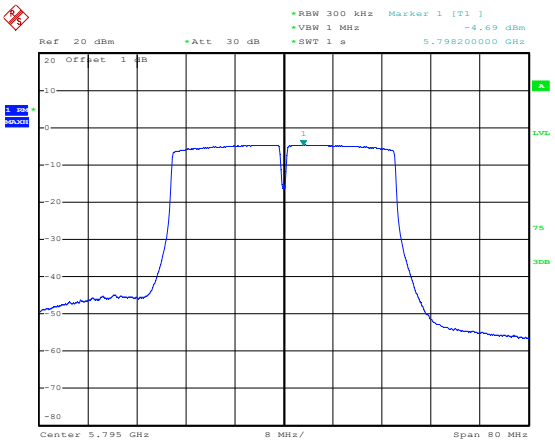
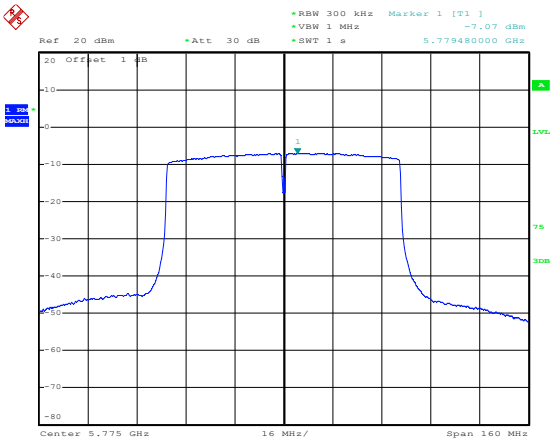
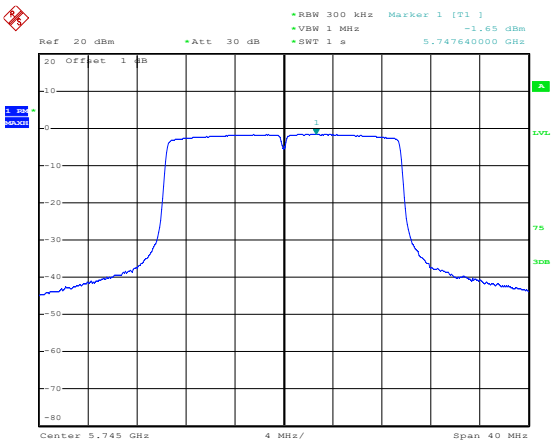
5725-5850MHz

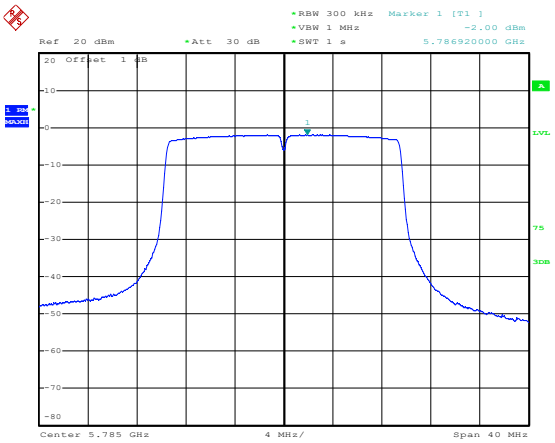
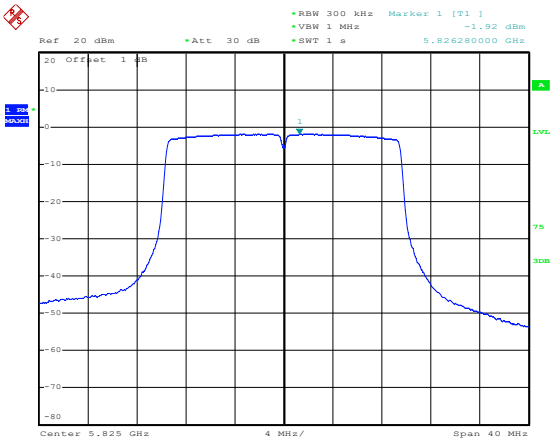
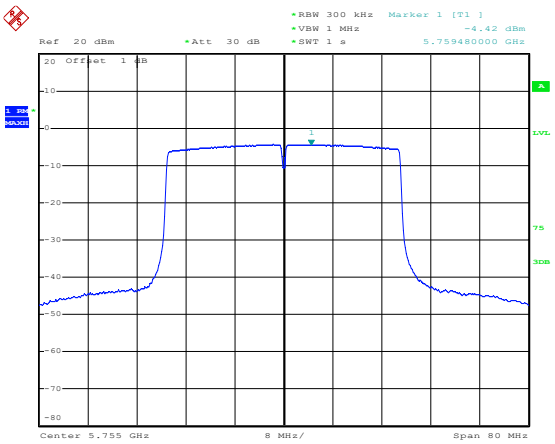
802.11a-Low	
802.11a-Middle	
802.11a-High	

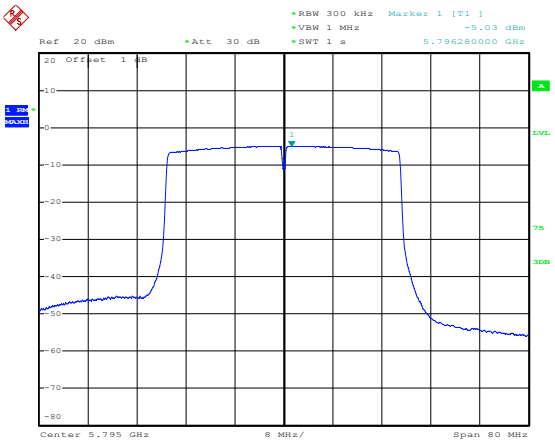
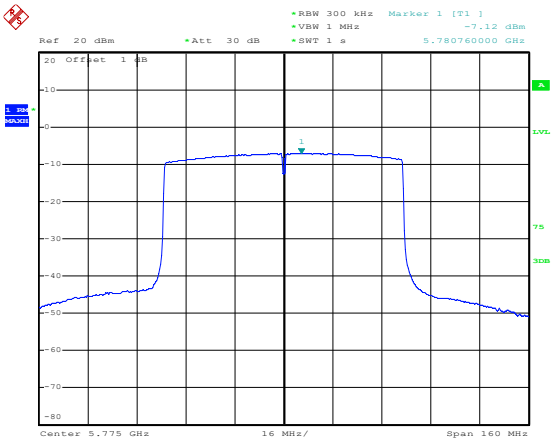
802.11n-HT20-Low	 Date: 20.MAY.2024 16:52:29
802.11n-HT20-Middle	 Date: 20.MAY.2024 16:53:23
802.11n-HT20-High	 Date: 20.MAY.2024 16:54:18

802.11n-HT40-Low	 Date: 20.MAY.2024 16:56:10
802.11n-HT40-High	 Date: 20.MAY.2024 16:59:13
802.11ac-VHT20-Low	 Date: 20.MAY.2024 16:52:44

802.11ac-VHT20-Middle	 Date: 20.MAY.2024 16:53:39
802.11ac-VHT20-High	 Date: 20.MAY.2024 16:54:33
802.11ac-VHT40-Low	 Date: 20.MAY.2024 16:57:06

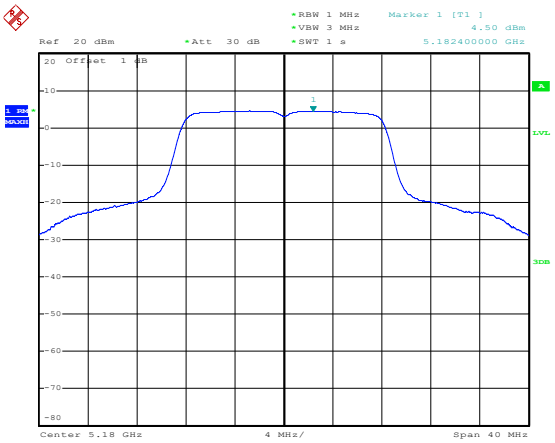
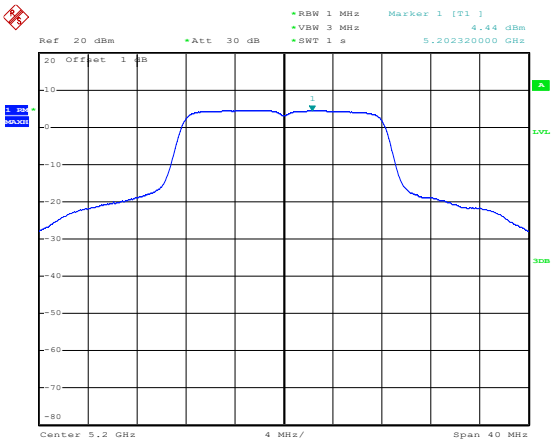
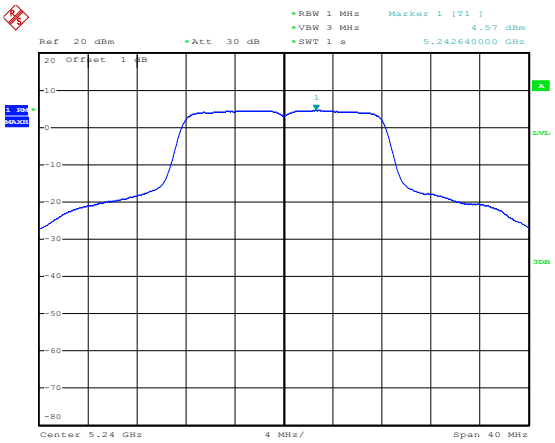
802.11ac-VHT40-High	 Date: 20.MAY.2024 16:59:29
802.11ac-VHT80	 Date: 20.MAY.2024 17:00:24
802.11ax-HE20-Low	 Date: 20.MAY.2024 16:52:59

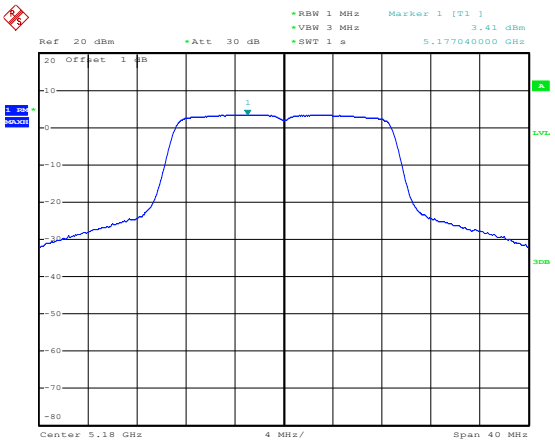
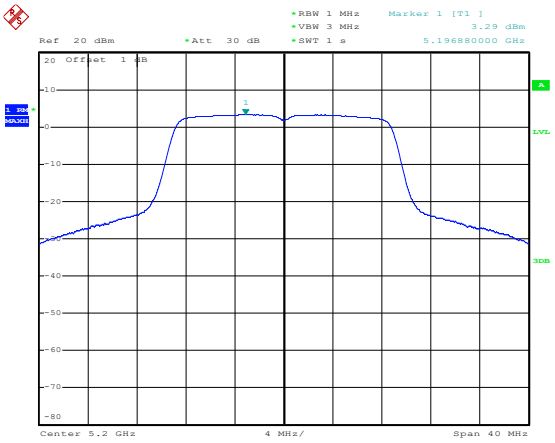
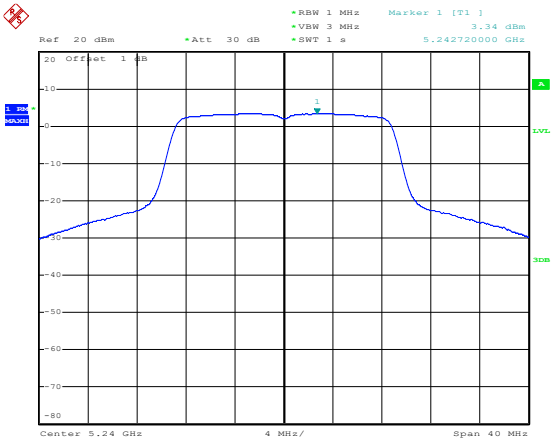
802.11ax-HE20-Middle	 Date: 20.MAY.2024 16:53:53
802.11ax-HE20-High	 Date: 20.MAY.2024 16:54:46
802.11ax-HE40-Low	 Date: 20.MAY.2024 16:57:25

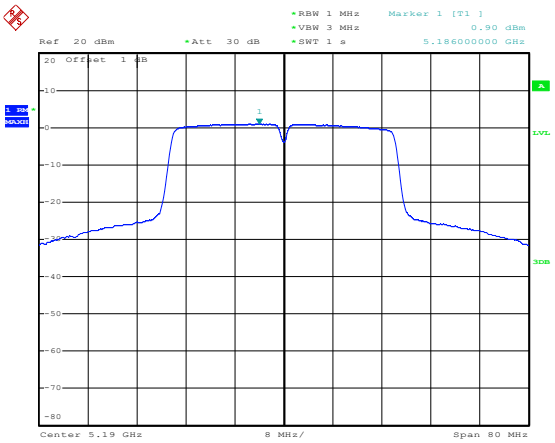
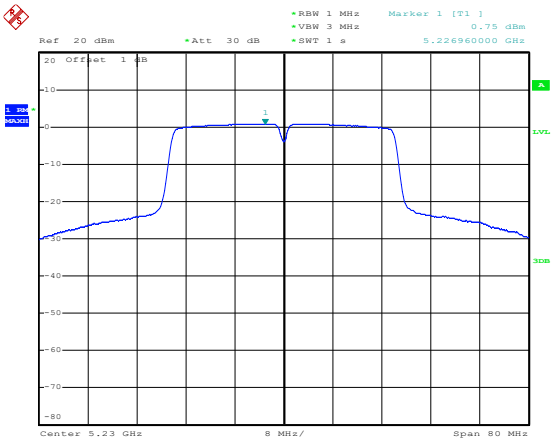
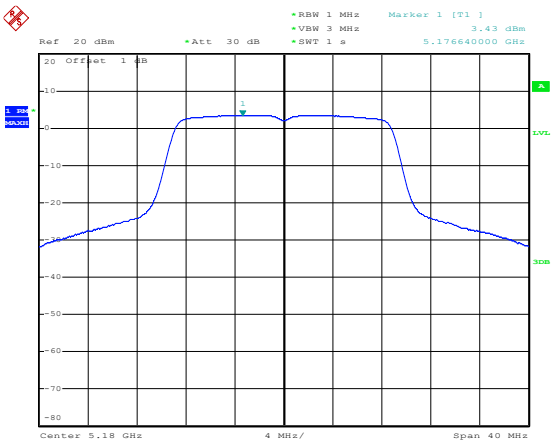
802.11ax-HE40-High	 Date: 20.MAY.2024 16:59:44
802.11ax-HE80	 Date: 20.MAY.2024 17:00:41

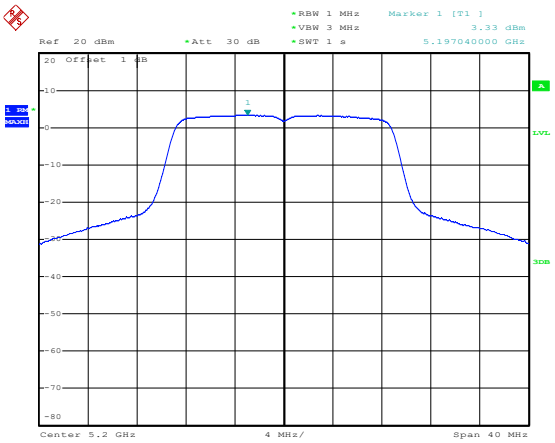
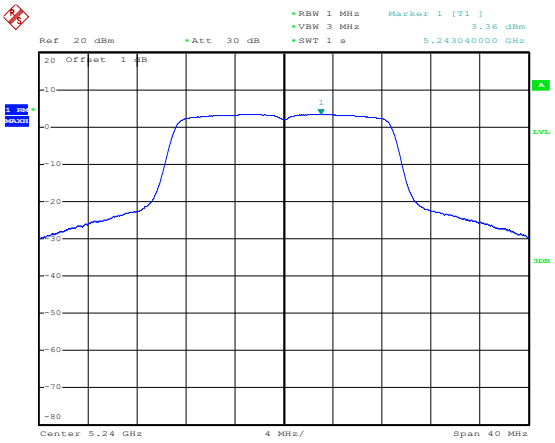
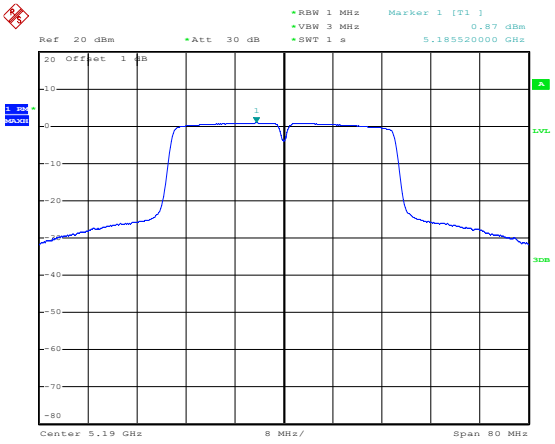
ANT 1

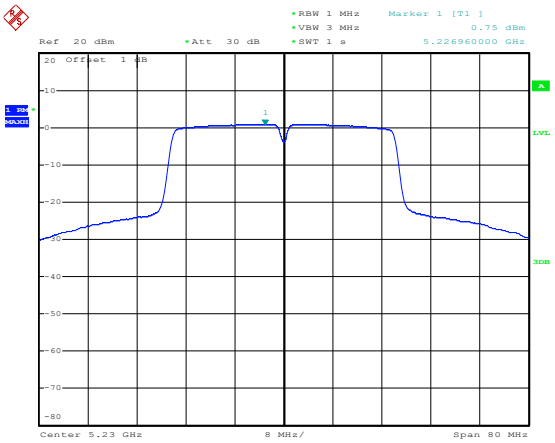
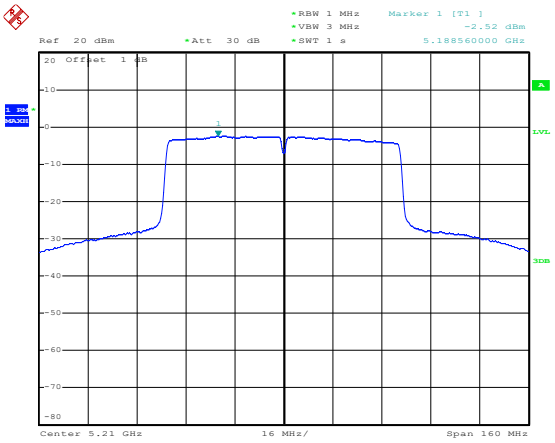
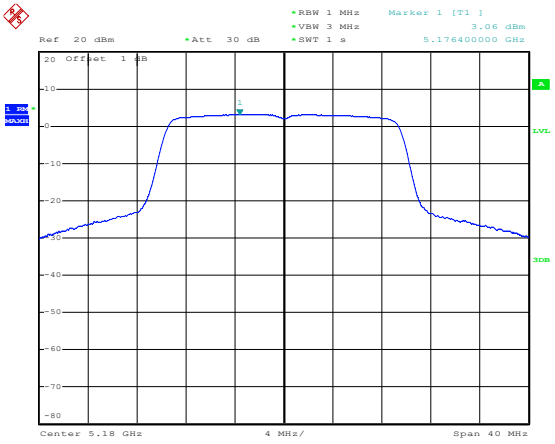
5150-5250MHz

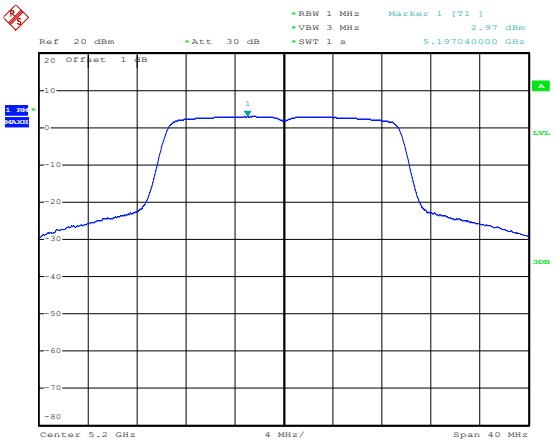
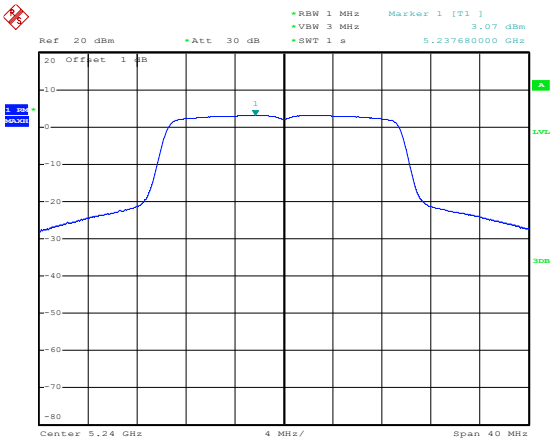
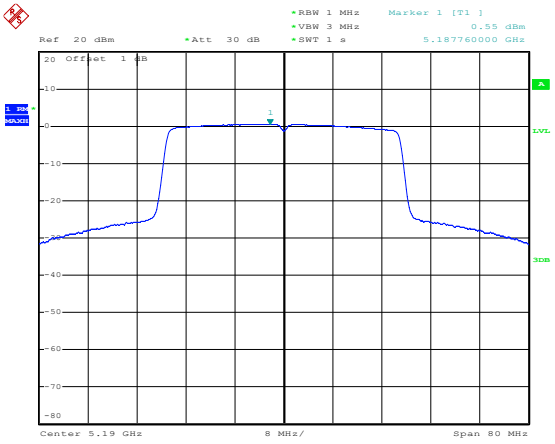
802.11a-Low	 Date: 17.MAY.2024 10:31:08
802.11a-Middle	 Date: 17.MAY.2024 10:33:59
802.11a-High	 Date: 17.MAY.2024 10:37:35

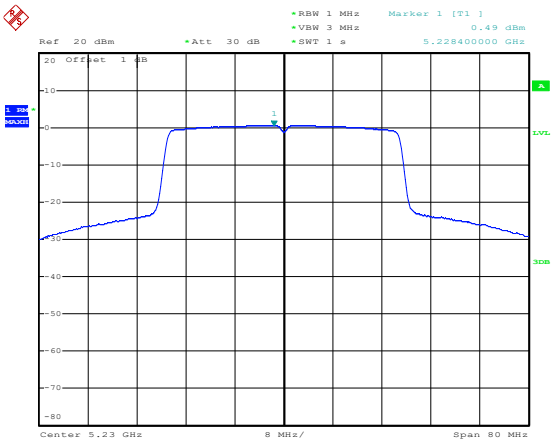
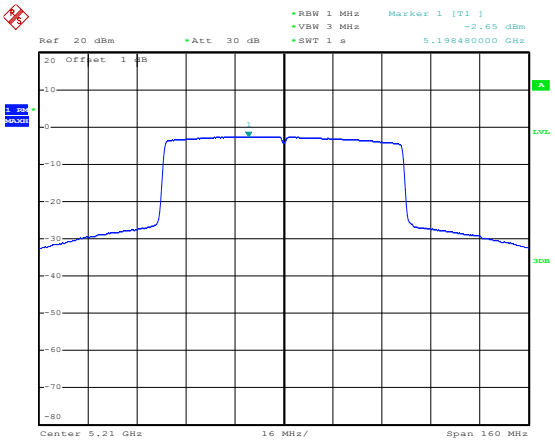
802.11n-HT20-Low	 Date: 17.MAY.2024 10:39:06
802.11n-HT20-Middle	 Date: 17.MAY.2024 10:38:34
802.11n-HT20-High	 Date: 17.MAY.2024 10:38:08

802.11n-HT40-Low	 Date: 17.MAY.2024 10:45:11
802.11n-HT40-High	 Date: 17.MAY.2024 10:45:37
802.11ac-VHT20-Low	 Date: 17.MAY.2024 10:40:33

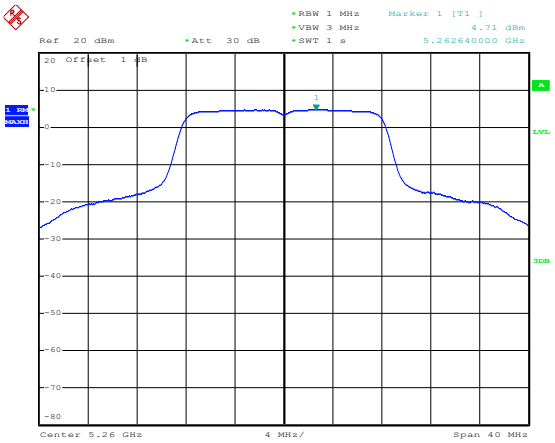
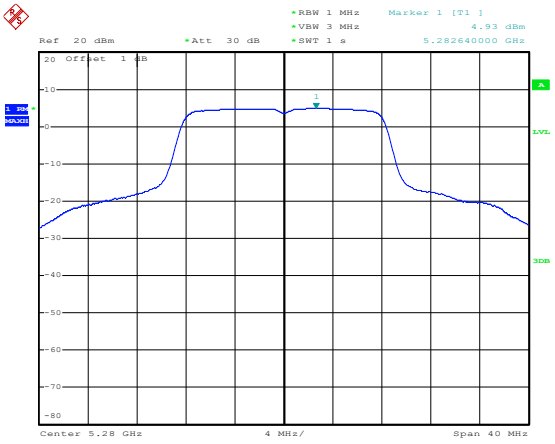
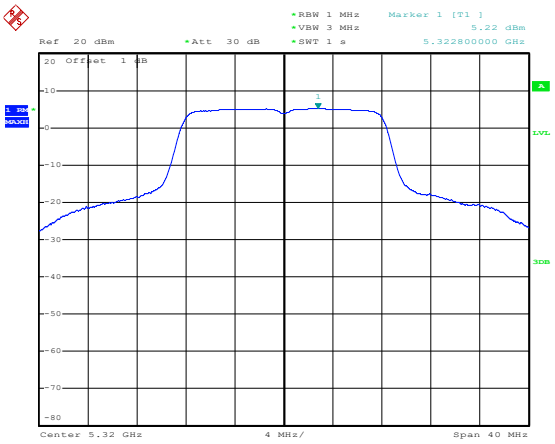
802.11ac-VHT20-Middle	 Date: 17.MAY.2024 10:41:05
802.11ac-VHT20-High	 Date: 17.MAY.2024 10:41:40
802.11ac-VHT40-Low	 Date: 17.MAY.2024 10:48:10

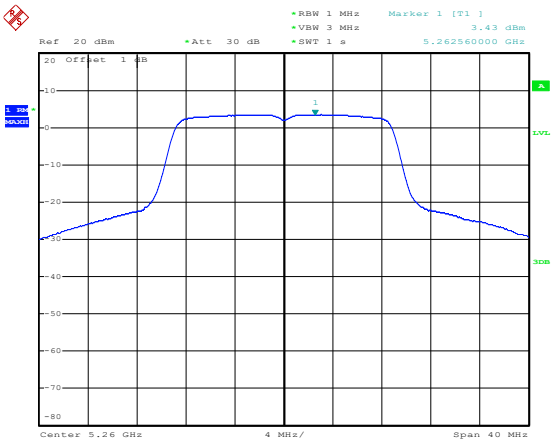
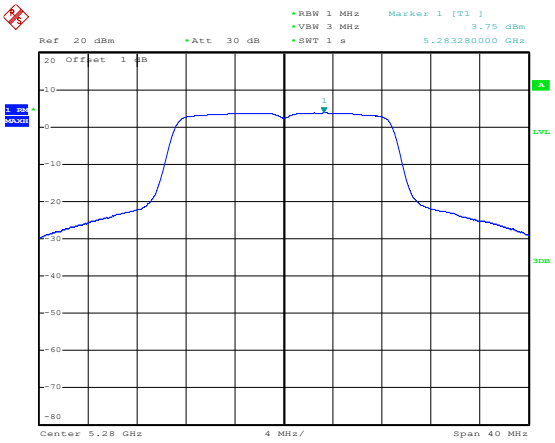
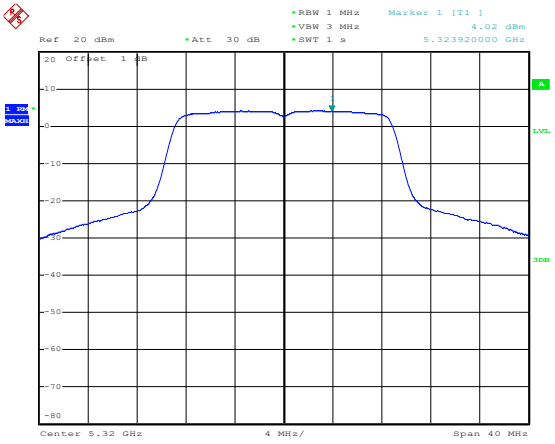
802.11ac-VHT40-High	
802.11ac-VHT80	
802.11ax-HE20-Low	

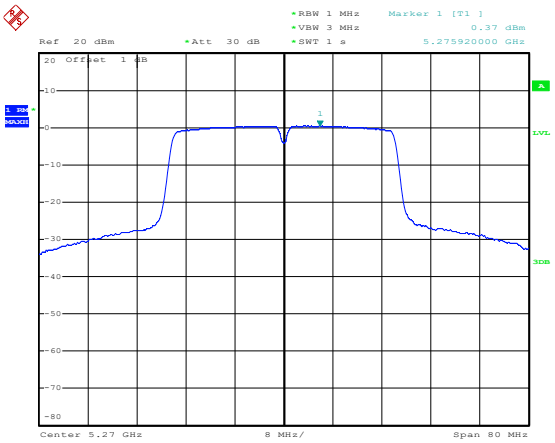
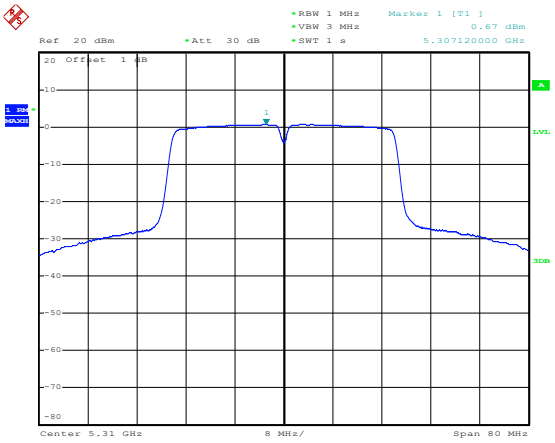
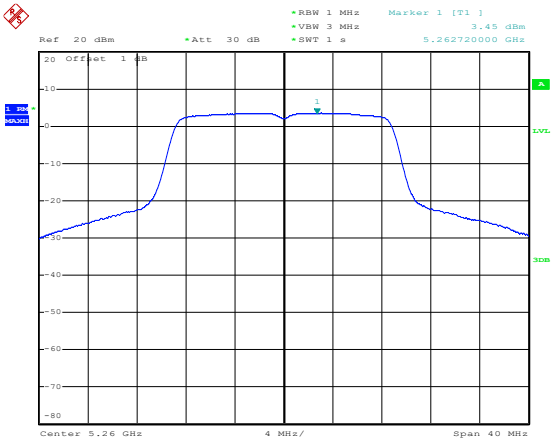
802.11ax-HE20-Middle	 Date: 17.MAY.2024 10:43:21
802.11ax-HE20-High	 Date: 17.MAY.2024 10:42:48
802.11ax-HE40-Low	 Date: 17.MAY.2024 10:48:38

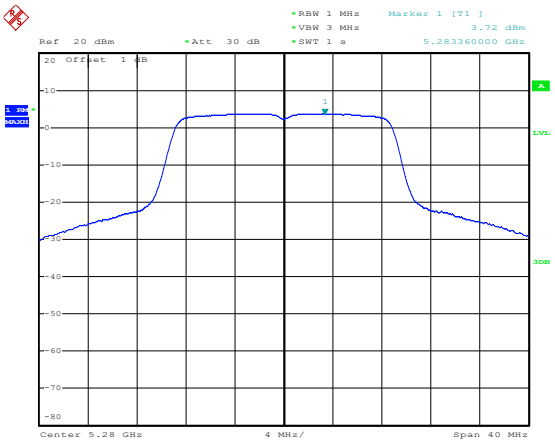
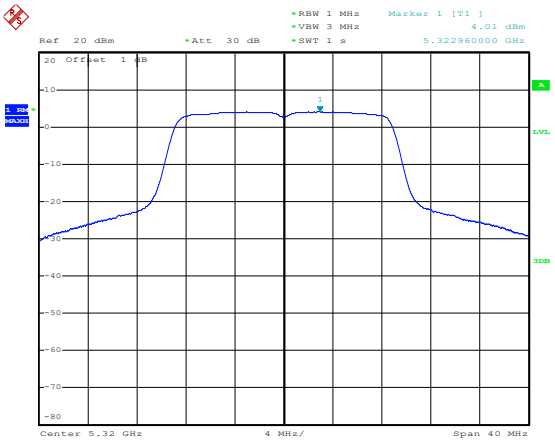
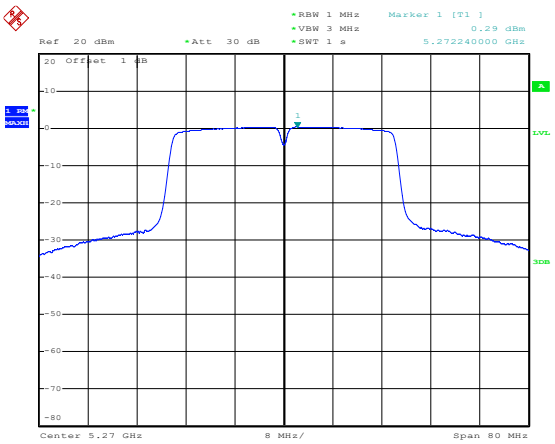
802.11ax-HE40-High	
802.11ax-HE80	

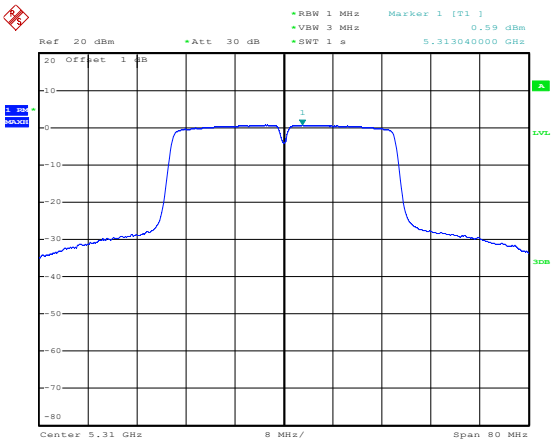
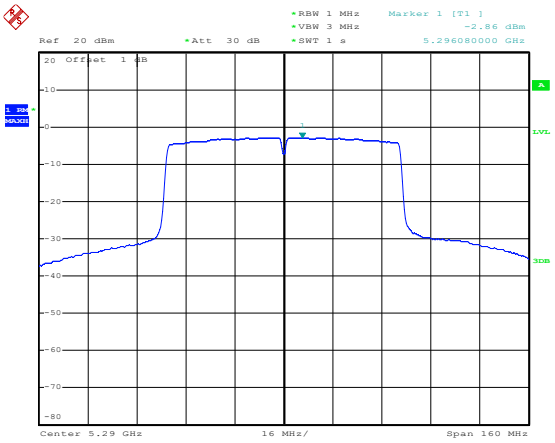
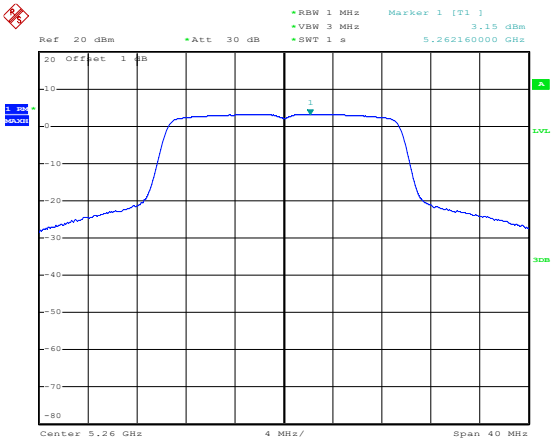
5250-5350MHz

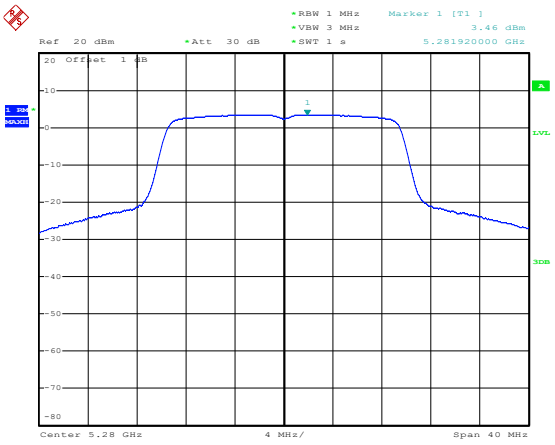
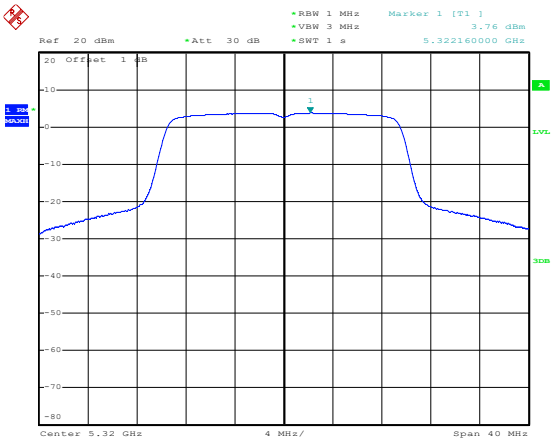
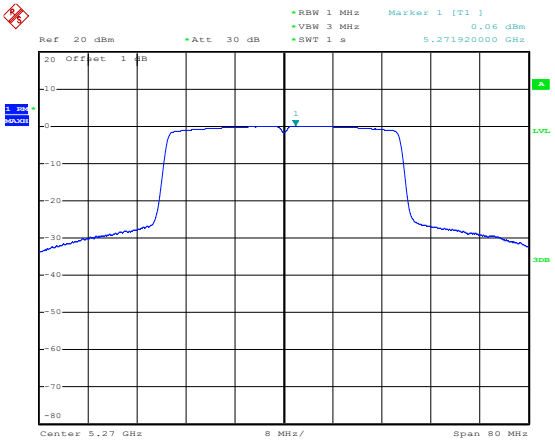
802.11a-Low	
802.11a-Middle	
802.11a-High	

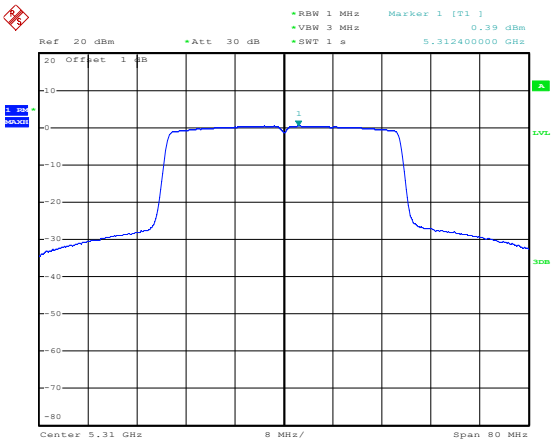
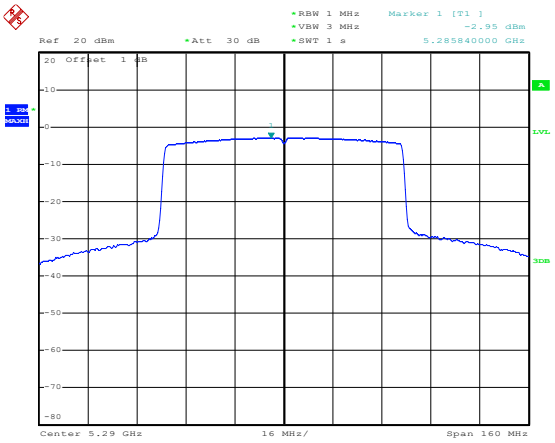
802.11n-HT20-Low	 Date: 17.MAY.2024 14:14:46
802.11n-HT20-Middle	 Date: 17.MAY.2024 14:14:03
802.11n-HT20-High	 Date: 17.MAY.2024 14:12:57

802.11n-HT40-Low	
802.11n-HT40-High	
802.11ac-VHT20-Low	

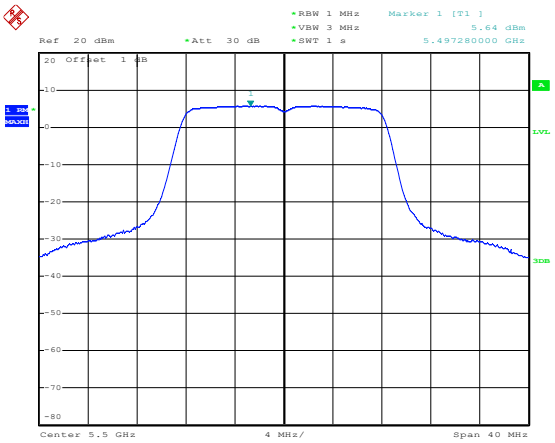
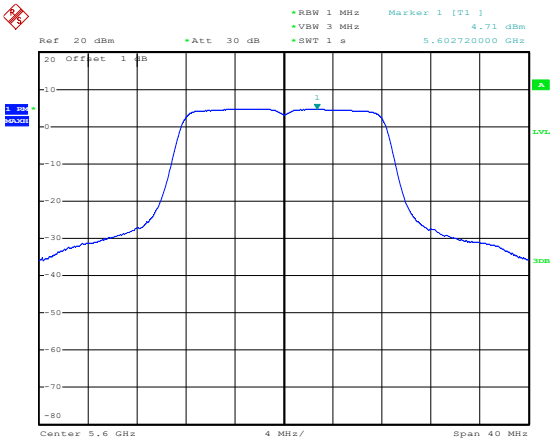
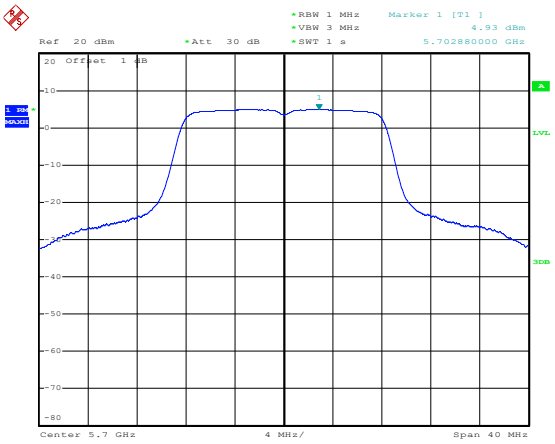
802.11ac-VHT20-Middle	 Date: 17.MAY.2024 14:15:34
802.11ac-VHT20-High	 Date: 17.MAY.2024 14:15:59
802.11ac-VHT40-Low	 Date: 17.MAY.2024 14:19:34

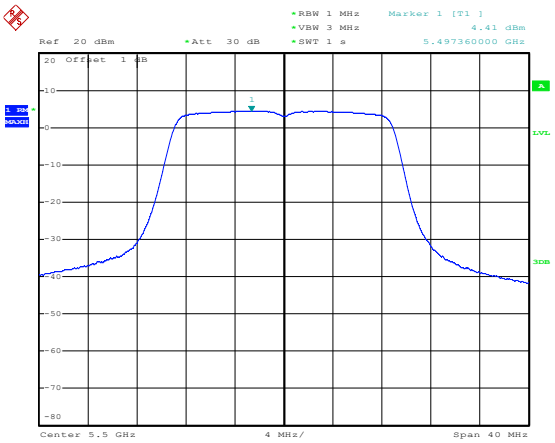
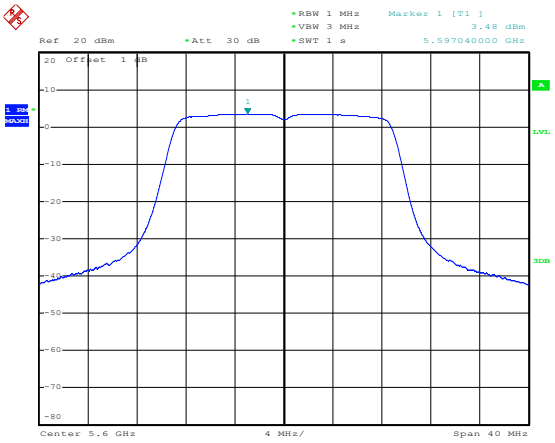
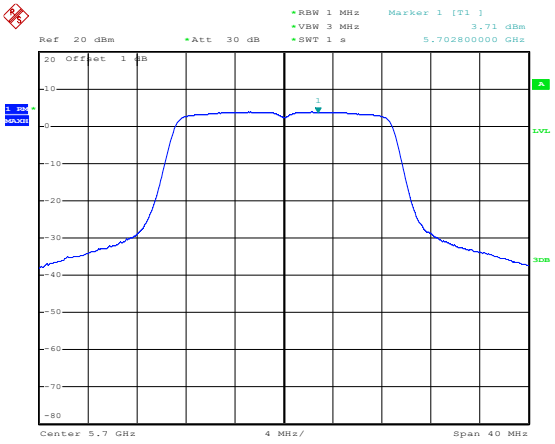
802.11ac-VHT40-High	 Date: 17.MAY.2024 14:19:10
802.11ac-VHT80	 Date: 17.MAY.2024 14:22:33
802.11ax-HE20-Low	 Date: 17.MAY.2024 14:17:12

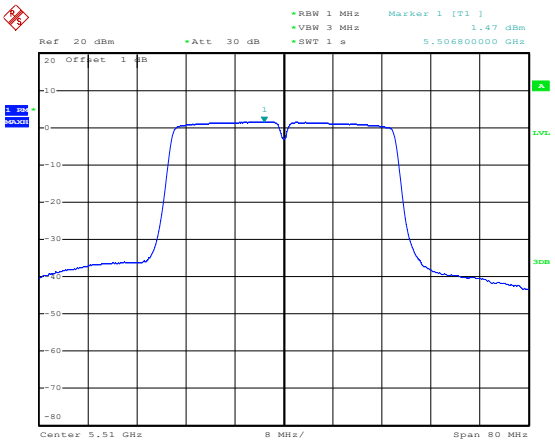
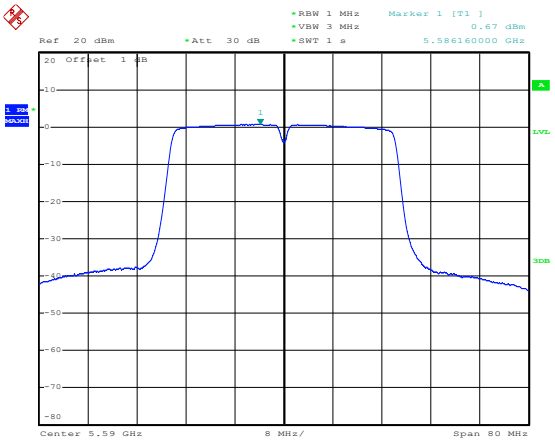
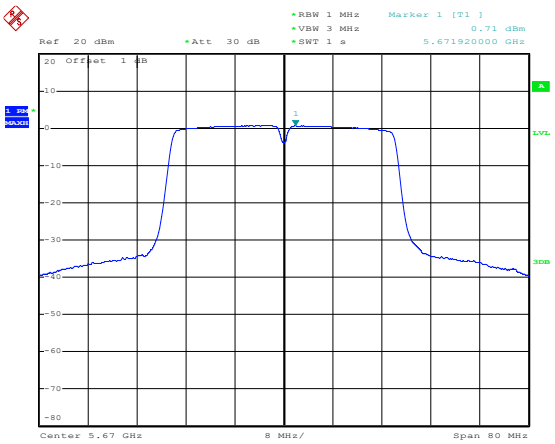
802.11ax-HE20-Middle	 Date: 17.MAY.2024 14:16:48
802.11ax-HE20-High	 Date: 17.MAY.2024 14:16:21
802.11ax-HE40-Low	 Date: 17.MAY.2024 14:19:55

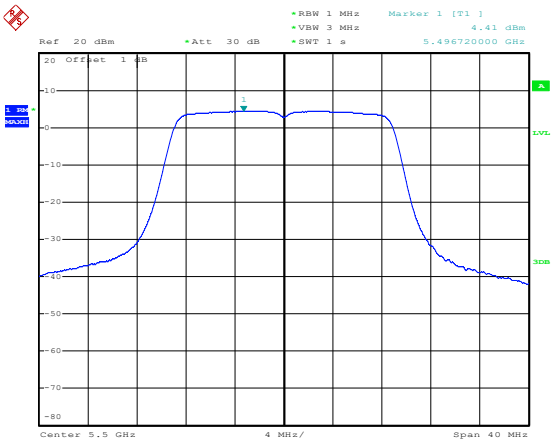
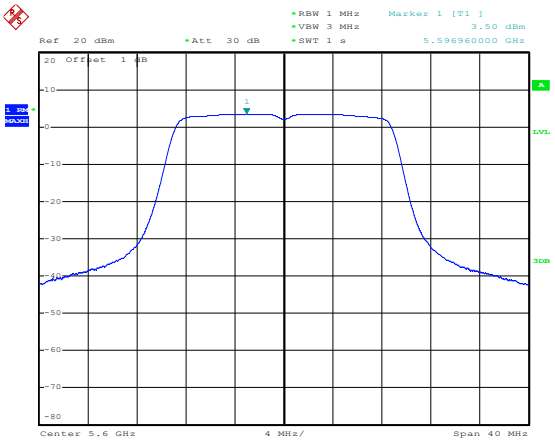
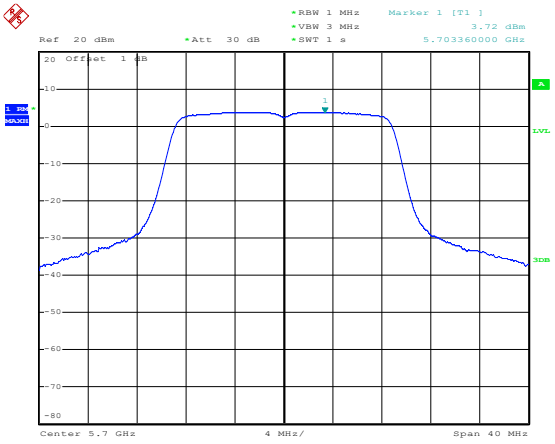
802.11ax-HE40-High	
802.11ax-HE80	

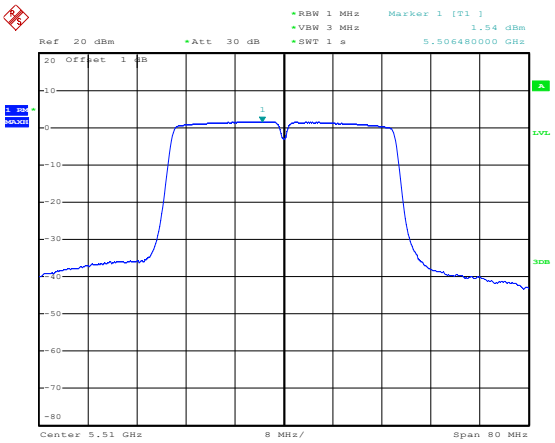
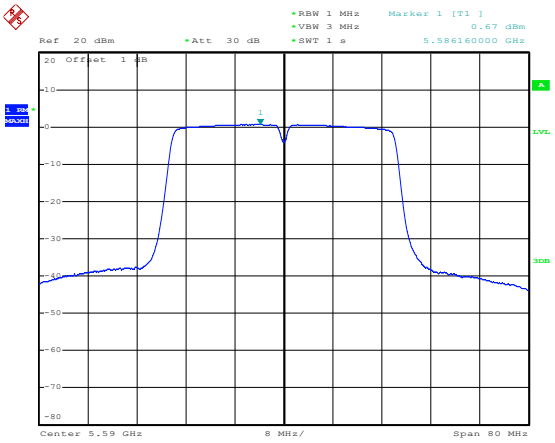
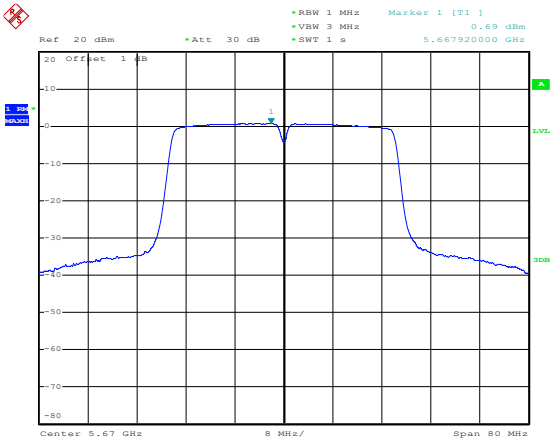
5470-5725MHz

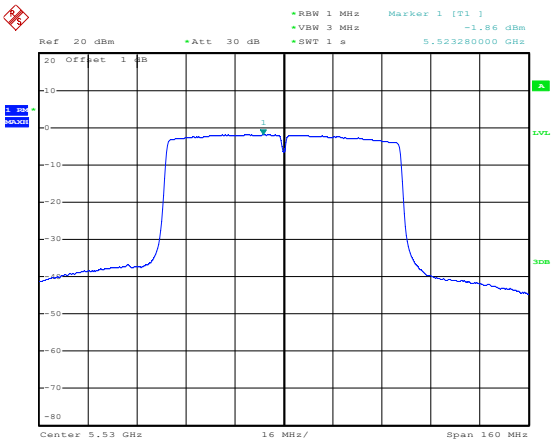
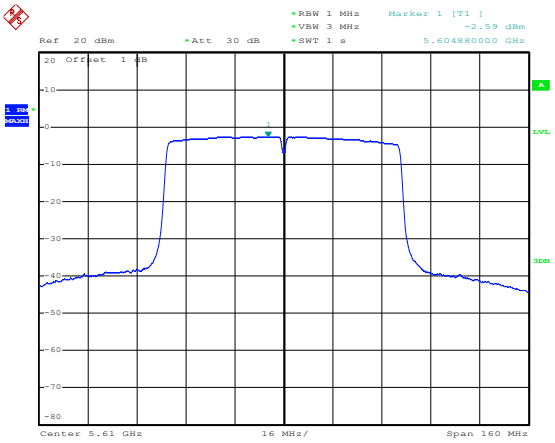
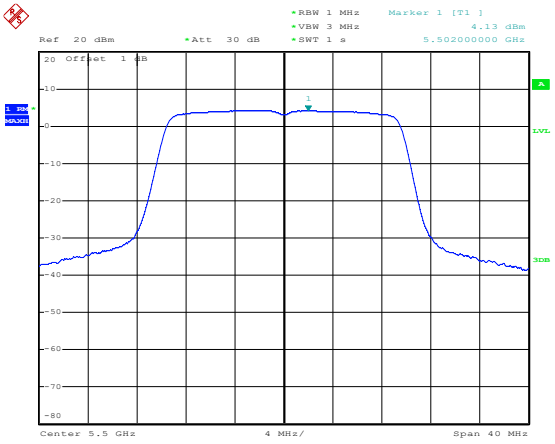
802.11a-Low	
802.11a-Middle	
802.11a-High	

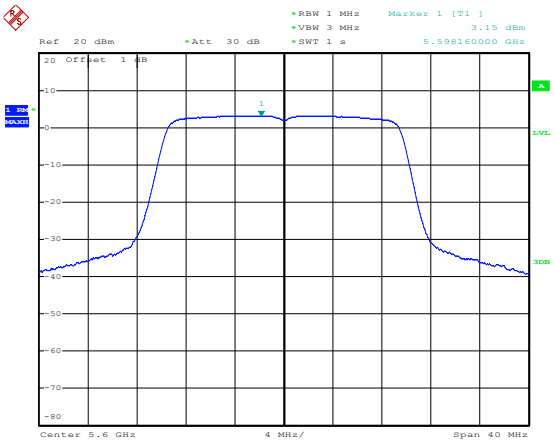
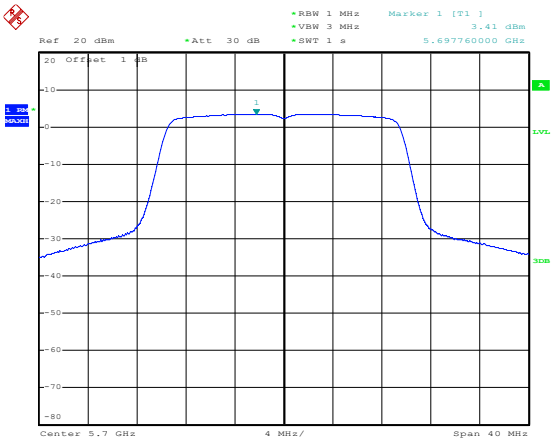
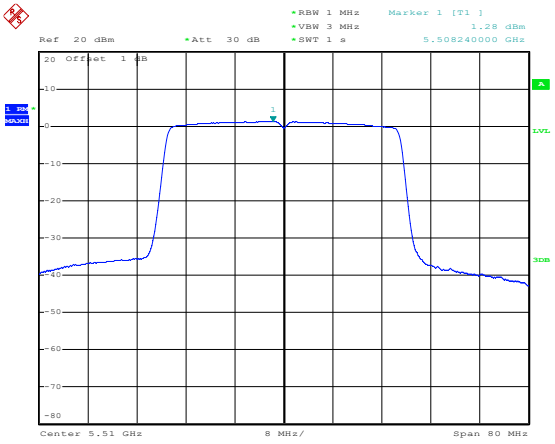
802.11n-HT20-Low	 Date: 17.MAY.2024 16:02:26
802.11n-HT20-Middle	 Date: 17.MAY.2024 16:02:04
802.11n-HT20-High	 Date: 17.MAY.2024 16:01:38

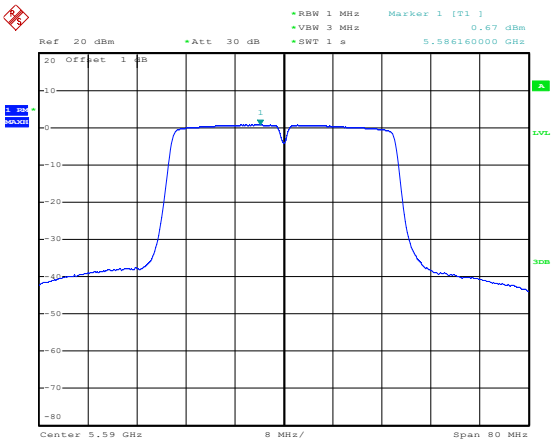
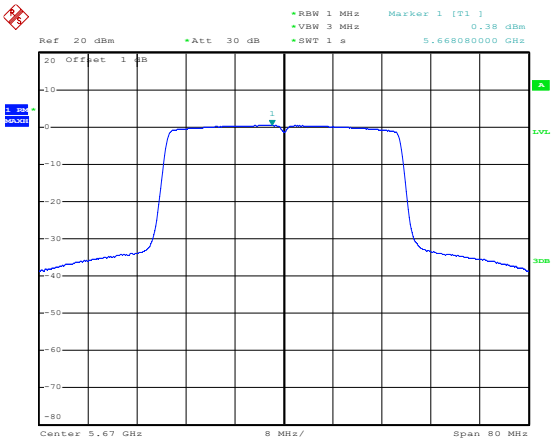
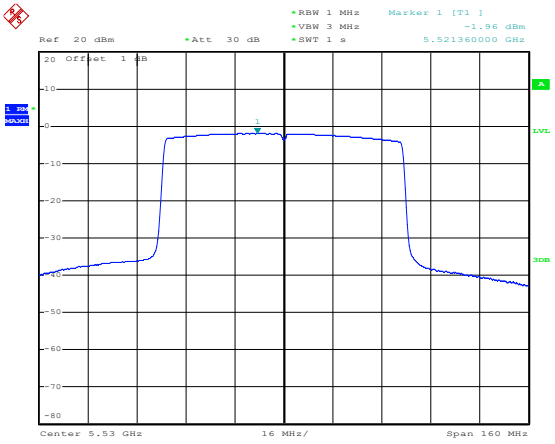
802.11n-HT40-Low	 Date: 17.MAY.2024 16:05:27
802.11n-HT40-Middle	 Date: 17.MAY.2024 16:05:52
802.11n-HT40-High	 Date: 17.MAY.2024 16:06:23

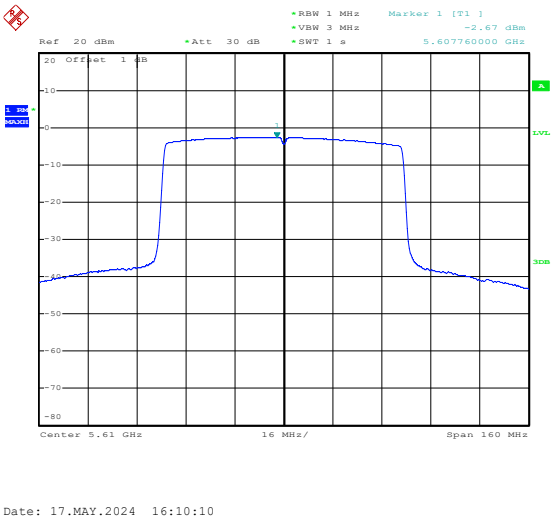
802.11ac-VHT20-Low	 Date: 17.MAY.2024 16:02:47
802.11ac-VHT20-Middle	 Date: 17.MAY.2024 16:03:11
802.11ac-VHT20-High	 Date: 17.MAY.2024 16:03:33

802.11ac-VHT40-Low	 Date: 17.MAY.2024 16:07:37
802.11ac-VHT40-Middle	 Date: 17.MAY.2024 16:05:52
802.11ac-VHT40-High	 Date: 17.MAY.2024 16:06:42

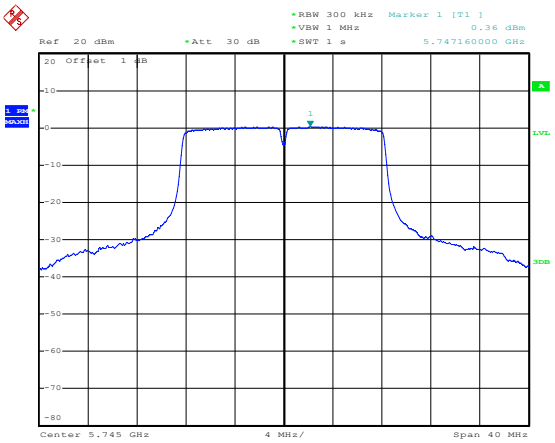
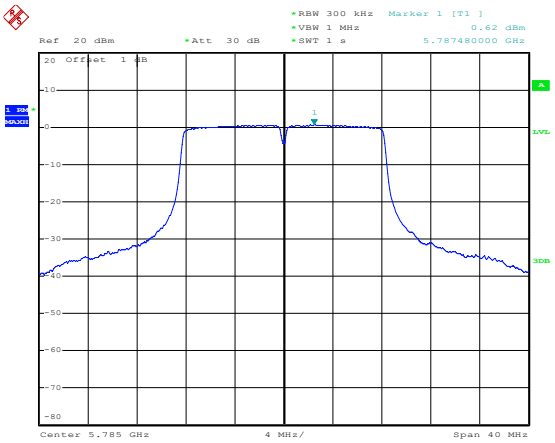
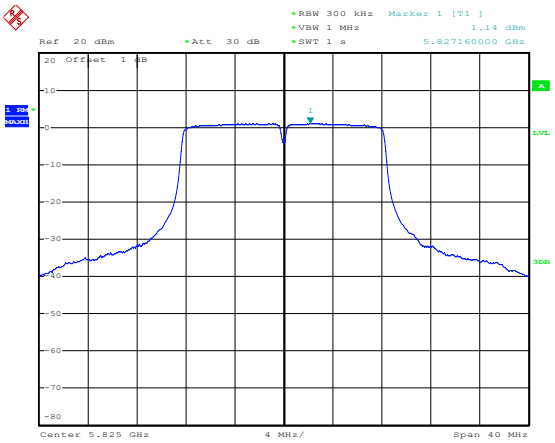
802.11ac-VHT80-Low	 Date: 17.MAY.2024 16:09:28
802.11ac-VHT80-High	 Date: 17.MAY.2024 16:09:53
802.11ax-HE20-Low	 Date: 17.MAY.2024 16:04:33

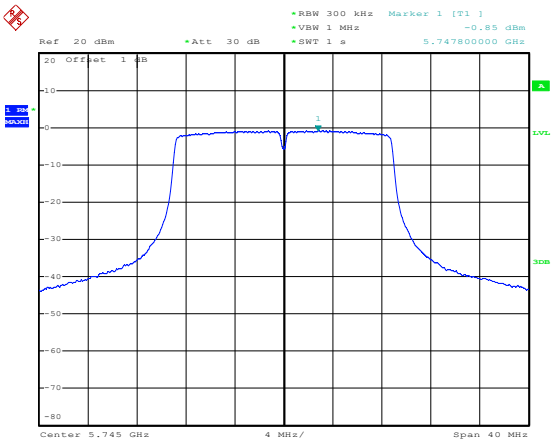
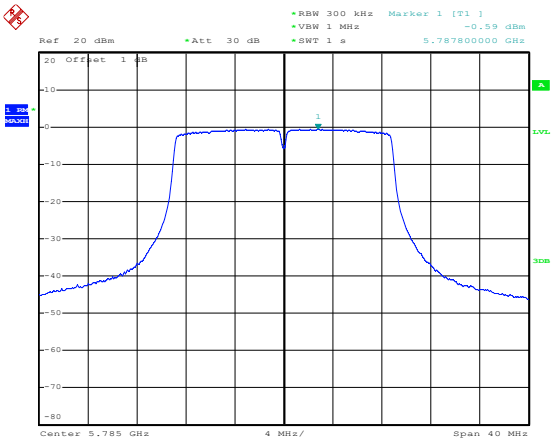
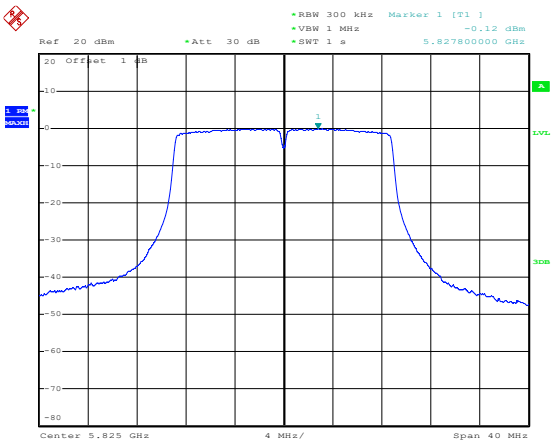
802.11ax-HE20-Middle	 Date: 17.MAY.2024 16:04:11
802.11ax-HE20-High	 Date: 17.MAY.2024 16:03:50
802.11ax-HE40-Low	 Date: 17.MAY.2024 16:08:00

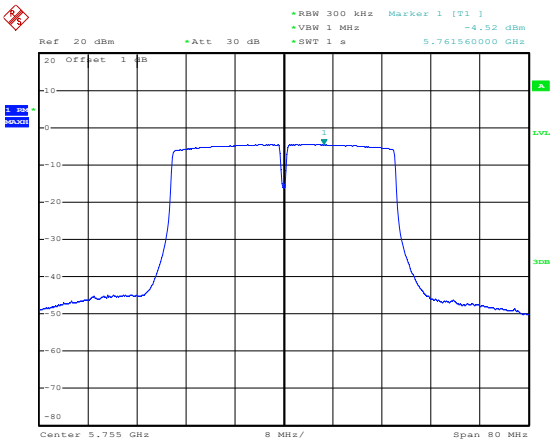
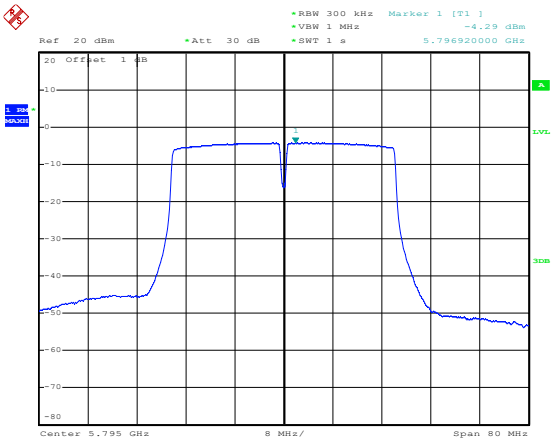
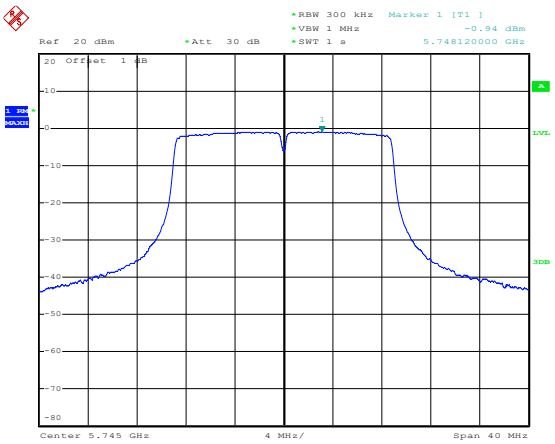
802.11ax-HE40-Middle	
802.11ax-HE40-High	
802.11ax-HE80-Low	

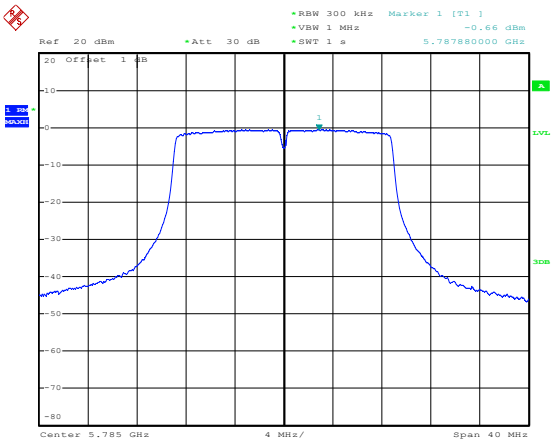
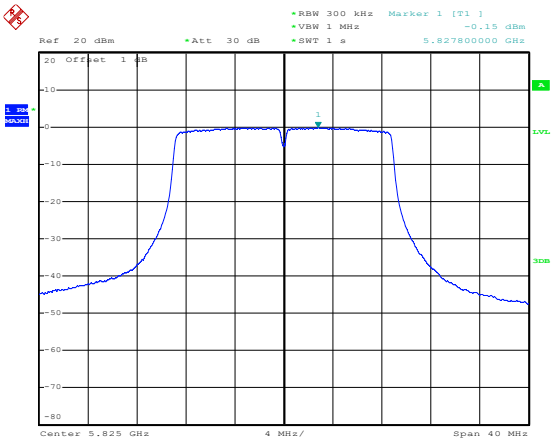
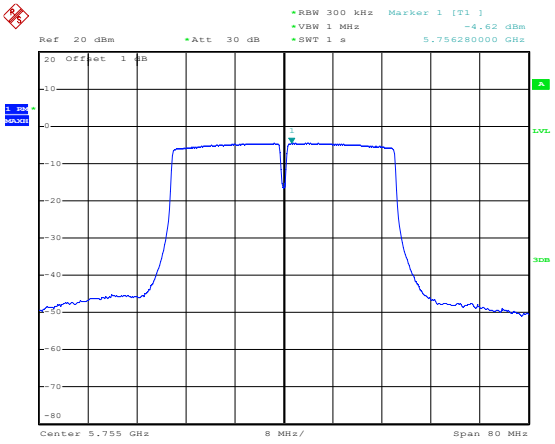
802.11ax-HE80-High	

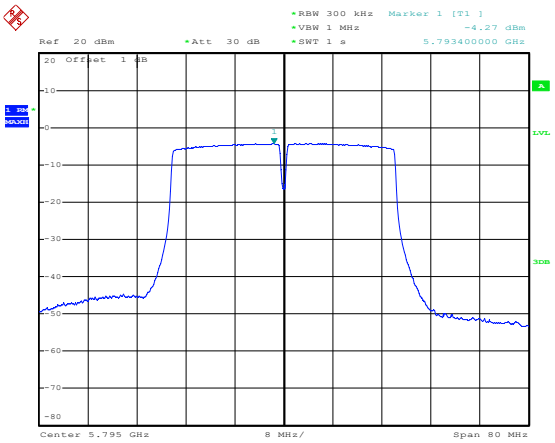
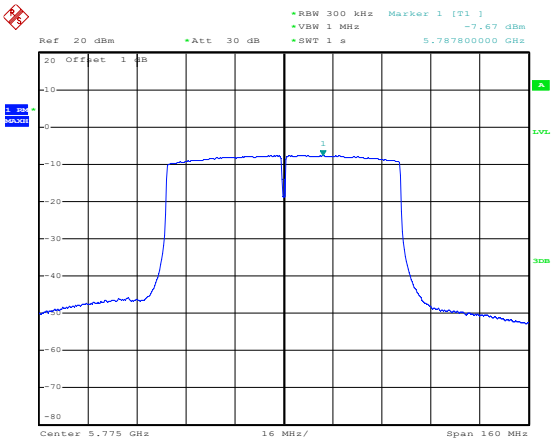
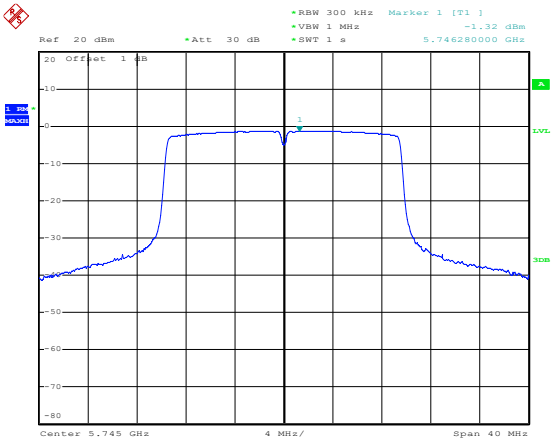
5725-5850MHz

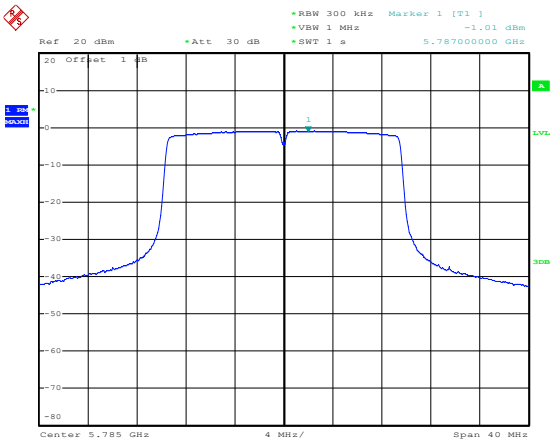
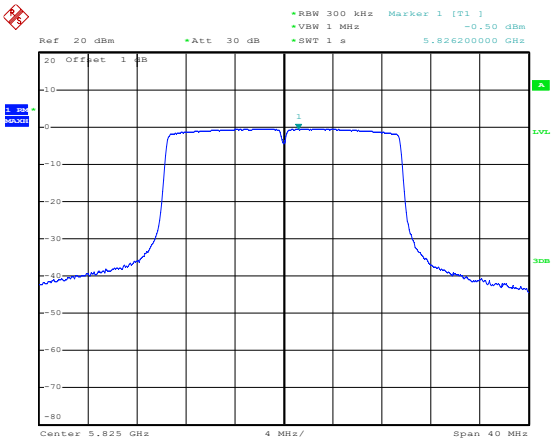
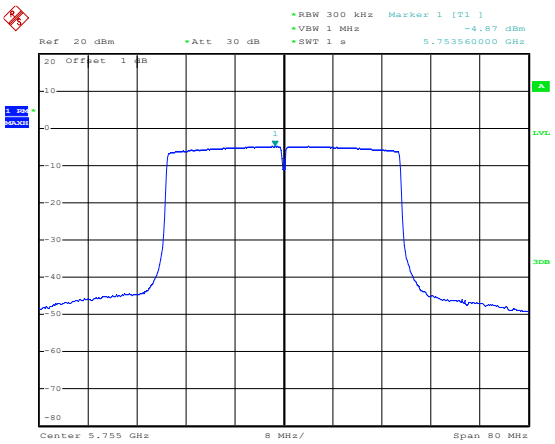
802.11a-Low	
802.11a-Middle	
802.11a-High	

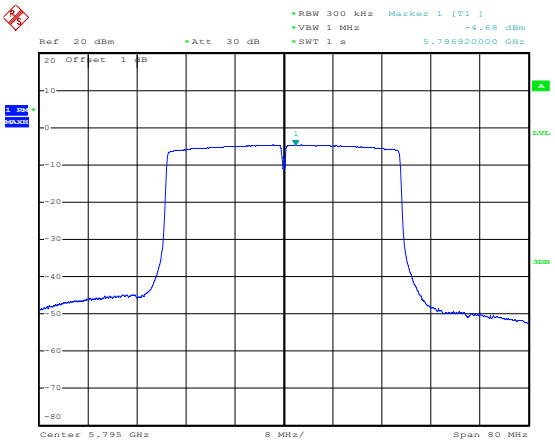
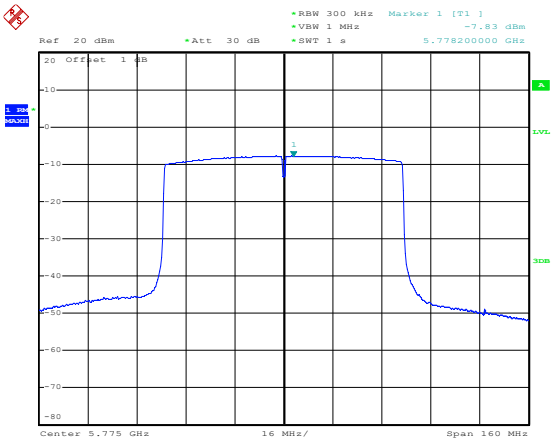
802.11n-HT20-Low	 Date: 17.MAY.2024 17:17:11
802.11n-HT20-Middle	 Date: 17.MAY.2024 17:16:47
802.11n-HT20-High	 Date: 17.MAY.2024 17:16:24

802.11n-HT40-Low	 Date: 17.MAY.2024 17:19:50
802.11n-HT40-High	 Date: 17.MAY.2024 17:20:12
802.11ac-VHT20-Low	 Date: 17.MAY.2024 17:17:30

802.11ac-VHT20-Middle	 Date: 17.MAY.2024 17:17:51
802.11ac-VHT20-High	 Date: 17.MAY.2024 17:18:15
802.11ac-VHT40-Low	 Date: 17.MAY.2024 17:20:52

802.11ac-VHT40-High	 Date: 17.MAY.2024 17:20:30
802.11ac-VHT80	 Date: 17.MAY.2024 17:21:59
802.11ax-HE20-Low	 Date: 17.MAY.2024 17:19:12

802.11ax-HE20-Middle	
802.11ax-HE20-High	
802.11ax-HE40-Low	

802.11ax-HE40-High	
802.11ax-HE80	

APPENDIX B

Emission Bandwidth and Occupied Bandwidth

U-NII-1:5150-5250MHz						
Test Mode	Test Channel MHz	ANT 0		ANT 1		Result
		26 dB Bandwidth MHz	99% Bandwidth MHz	26 dB Bandwidth MHz	99% Bandwidth MHz	
802.11a	5180	26.16	16.96	32.32	17.92	Pass
	5200	27.84	17.12	31.20	18.08	Pass
	5240	29.64	17.52	34.88	19.44	Pass
802.11n-HT20	5180	21.50	17.76	26.28	18.00	Pass
	5200	21.70	17.76	26.88	18.08	Pass
	5240	21.80	17.84	30.56	18.24	Pass
802.11n-HT40	5190	40.40	36.64	49.80	37.12	Pass
	5230	41.40	36.64	67.48	37.60	Pass
802.11ac-VHT20	5180	21.70	17.76	25.68	18.00	Pass
	5200	21.70	17.76	28.08	18.08	Pass
	5240	22.10	17.76	29.52	18.24	Pass
802.11ac-VHT40	5190	40.20	36.48	49.00	37.12	Pass
	5230	40.80	36.64	66.08	37.60	Pass
802.11ac-VHT80	5210	85.20	76.16	124.20	76.80	Pass
802.11ax-HE20	5180	22.00	19.04	26.28	19.20	Pass
	5200	22.20	19.12	27.72	19.28	Pass
	5240	23.30	19.04	30.72	19.36	Pass
802.11ax-HE40	5190	40.60	38.08	44.60	38.40	Pass
	5230	41.40	38.24	56.16	38.72	Pass
802.11ax-HE80	5210	84.40	78.08	109.20	78.08	Pass

U-NII-2A: 5250-5350MHz						
Test Mode	Test Channel MHz	ANT 0		ANT 1		Result
		26 dB Bandwidth MHz	99% Bandwidth MHz	26 dB Bandwidth MHz	99% Bandwidth MHz	
802.11a	5260	25.80	16.96	35.04	20.80	Pass
	5280	25.44	16.88	35.68	20.30	Pass
	5320	24.24	16.88	34.88	19.20	Pass
802.11n-HT20	5260	22.20	17.84	30.40	18.32	Pass
	5280	22.30	17.84	39.16	18.32	Pass

	5320	21.60	17.76	29.16	18.24	Pass
802.11n-HT40	5270	40.20	36.48	44.20	37.12	Pass
	5310	40.00	36.48	42.60	36.80	Pass
802.11ac-VHT20	5260	22.80	17.84	31.36	18.32	Pass
	5280	22.10	17.84	31.20	18.24	Pass
	5320	21.30	17.76	27.36	18.16	Pass
802.11ac-VHT40	5270	40.20	36.48	45.40	36.80	Pass
	5310	40.00	36.48	42.00	36.80	Pass
802.11ac-VHT80	5290	83.20	75.84	96.00	76.48	Pass
802.11ax-HE20	5260	22.70	19.12	28.20	19.36	Pass
	5280	22.20	19.12	29.64	19.28	Pass
	5320	22.10	19.12	27.36	19.36	Pass
802.11ax-HE40	5270	40.80	38.24	42.60	38.40	Pass
	5310	40.60	38.08	42.00	38.40	Pass
802.11ax-HE80	5290	84.00	77.76	86.40	77.76	Pass

U-NII-2C: 5470-5725MHz						
Test Mode	**Test Channel MHz**	**ANT 0**		**ANT 1**		**Result**
		26 dB Bandwidth MHz	**99% Bandwidth MHz**	**26 dB Bandwidth MHz**	**99% Bandwidth MHz**	
802.11a	5500	20.90	16.56	20.90	16.64	Pass
	5600	19.76	16.56	20.90	16.72	Pass
	5700	21.20	16.64	21.90	16.72	Pass
802.11n-HT20	5500	21.00	17.68	20.90	17.76	Pass
	5600	21.00	17.76	21.20	17.76	Pass
	5700	21.10	17.76	21.90	17.76	Pass
802.11n-HT40	5510	39.84	36.48	40.20	36.48	Pass
	5590	39.68	36.48	39.60	36.48	Pass
	5670	39.68	36.48	40.00	17.76	Pass
802.11ac-VHT20	5500	21.10	17.68	21.20	17.76	Pass
	5600	21.00	17.76	21.10	17.76	Pass
	5700	21.30	17.68	21.30	36.48	Pass
802.11ac-VHT40	5510	39.68	36.48	40.00	36.48	Pass
	5590	39.68	36.48	39.60	36.48	Pass
	5670	39.68	36.48	40.00	36.48	Pass
802.11ac-VHT80	5530	83.20	75.52	83.20	75.84	Pass
	5610	83.60	75.52	83.60	75.84	Pass
802.11ax-HE20	5500	21.50	19.04	21.80	19.04	Pass
	5600	21.50	19.04	21.70	19.04	Pass

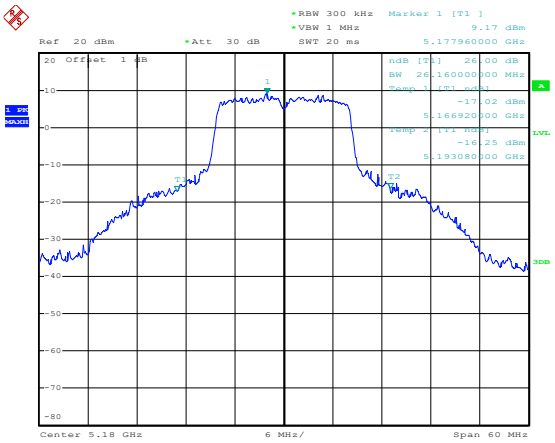
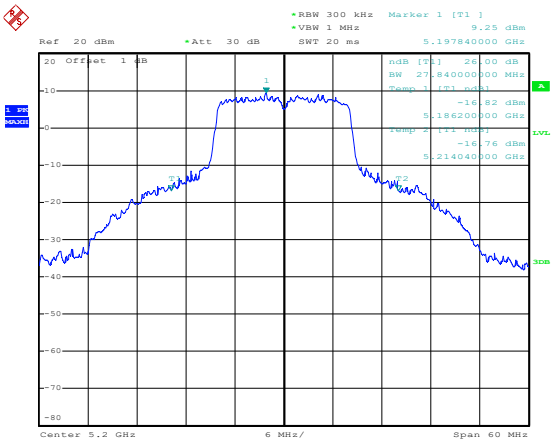
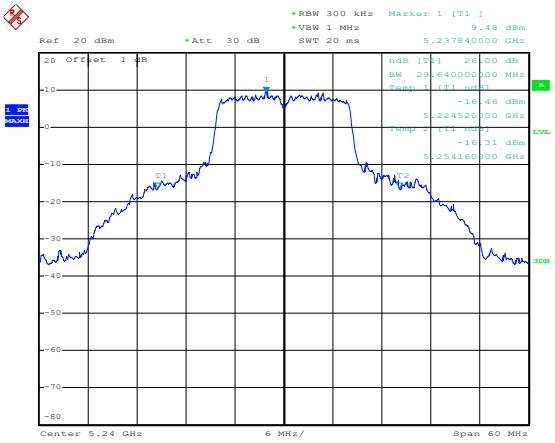
	5700	21.70	19.04	22.00	19.04	Pass
802.11ax-HE40	5510	40.80	38.08	40.60	38.08	Pass
	5590	39.68	36.48	39.60	36.48	Pass
	5670	40.60	38.24	40.80	38.08	Pass
802.11ax-HE80	5530	83.20	77.44	84.00	77.44	Pass
	5610	83.20	77.44	83.20	77.44	Pass

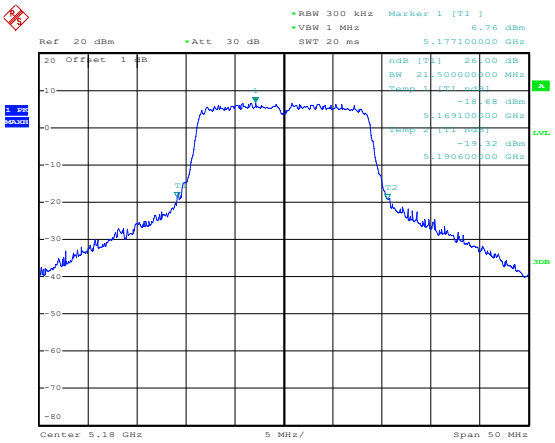
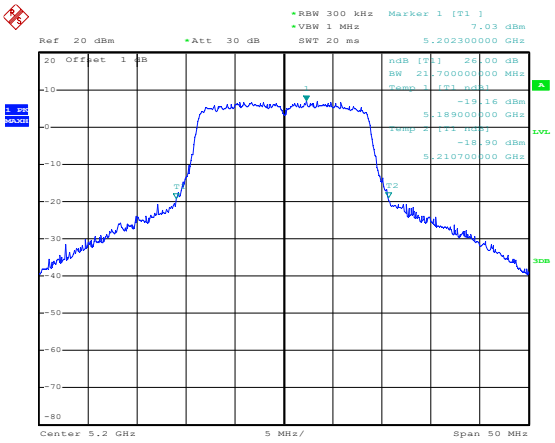
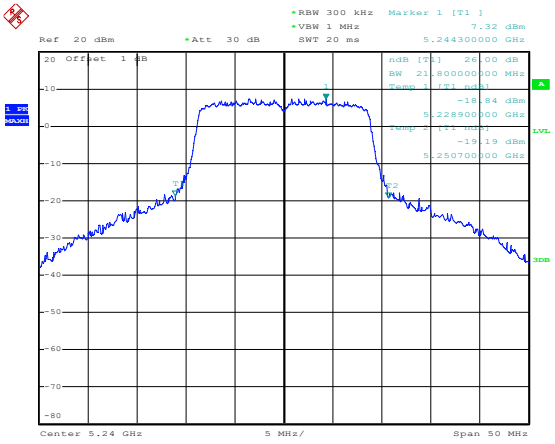
U-NII-3: 5725-5850MHz						
Test Mode	**Test Channel MHz**	**ANT 0**		**ANT 1**		**Limit kHz**
		6 dB Bandwidth MHz	**99% Bandwidth MHz**	**6 dB Bandwidth MHz**	**99% Bandwidth MHz**	
802.11a	5745	16.48	16.64	16.48	16.72	≥500
	5785	16.48	16.56	16.48	16.64	≥500
	5825	16.48	16.56	16.48	16.64	≥500
802.11n-HT20	5745	17.68	17.68	17.76	17.76	≥500
	5785	17.68	17.68	17.60	17.76	≥500
	5825	17.76	17.68	17.76	17.76	≥500
802.11n-HT40	5755	36.48	36.48	36.48	36.48	≥500
	5795	36.48	36.32	36.48	36.48	≥500
802.11ac-VHT20	5745	17.76	17.68	17.60	17.76	≥500
	5785	17.76	17.68	17.60	17.76	≥500
	5825	17.68	17.68	17.68	17.76	≥500
802.11ac-VHT40	5755	36.48	36.48	36.80	36.48	≥500
	5795	36.48	36.48	36.48	36.48	≥500
802.11ac-VHT80	5775	76.48	75.84	76.80	75.84	≥500
802.11ax-HE20	5745	19.12	19.04	19.04	19.12	≥500
	5785	19.20	19.04	19.12	19.04	≥500
	5825	19.04	19.04	19.20	19.04	≥500
802.11ax-HE40	5755	38.40	38.08	38.24	38.08	≥500
	5795	38.40	38.08	38.40	38.08	≥500
802.11ax-HE80	5775	78.08	77.44	78.40	77.44	≥500

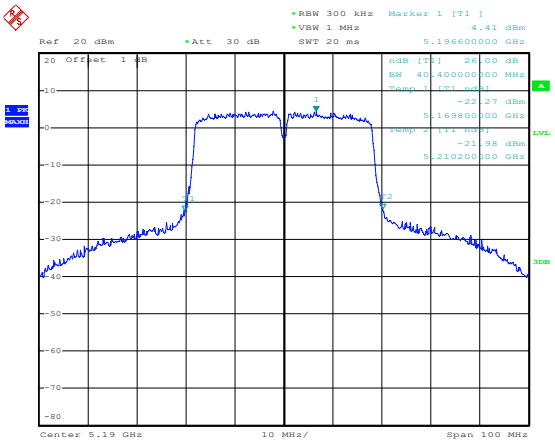
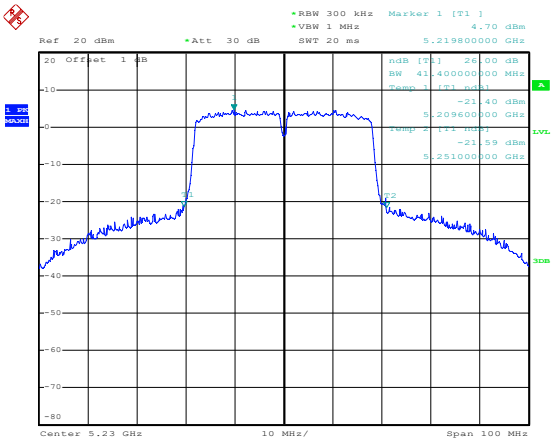
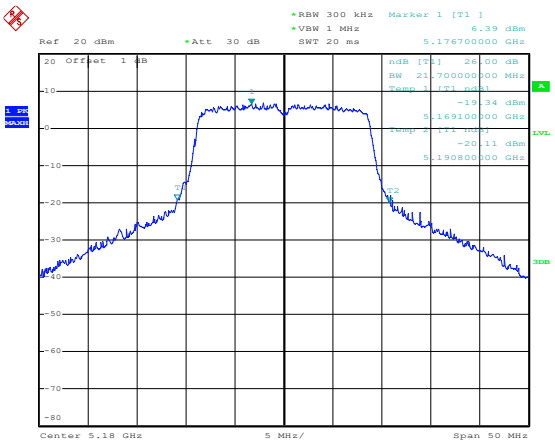
ANT 0

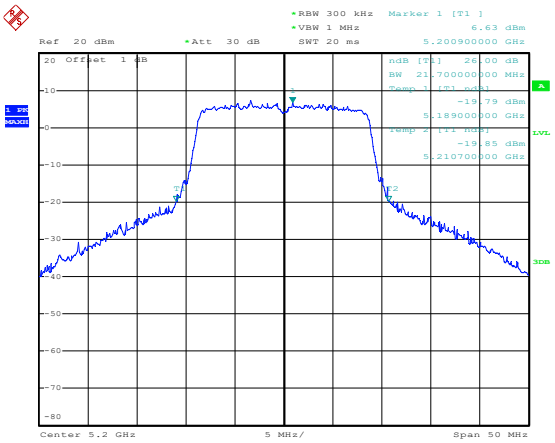
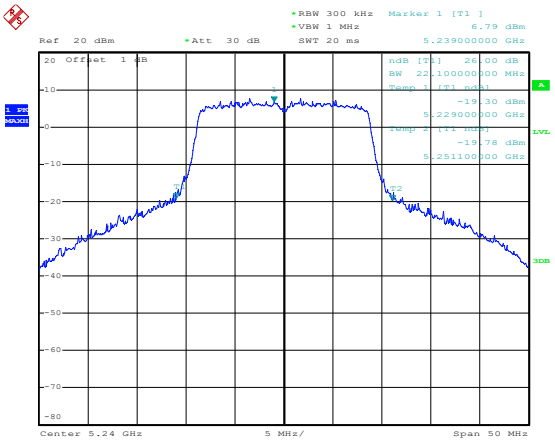
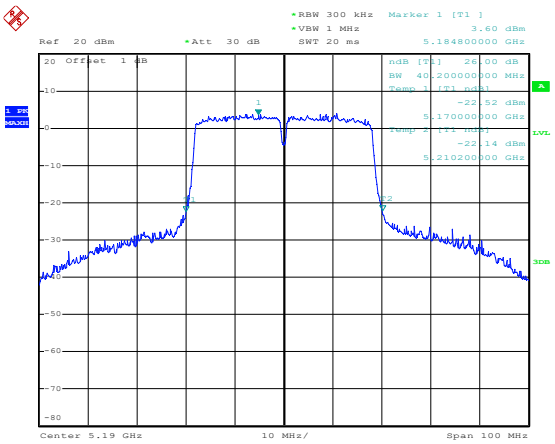
26 dB Bandwidth

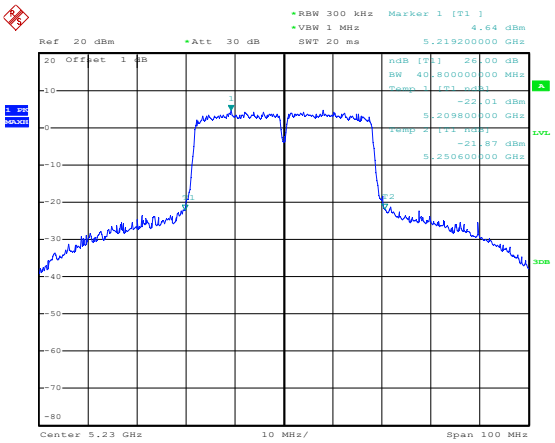
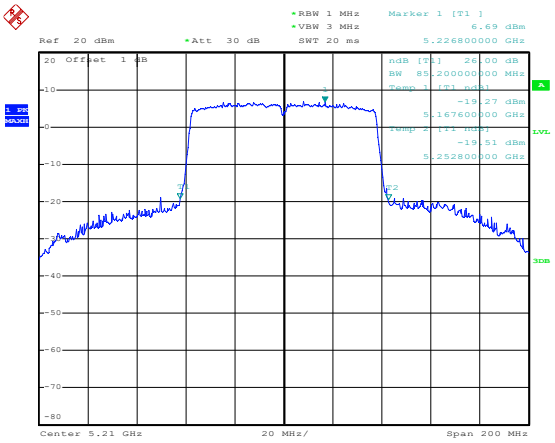
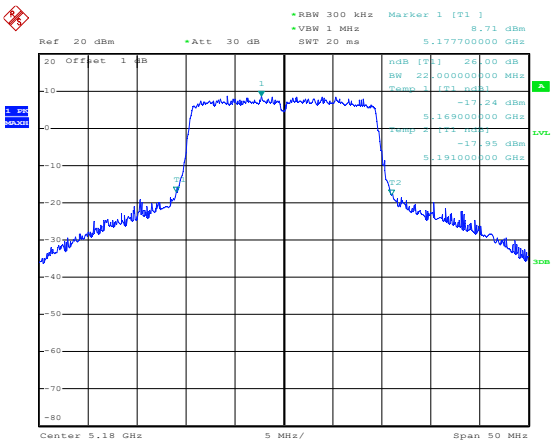
5150-5250MHz

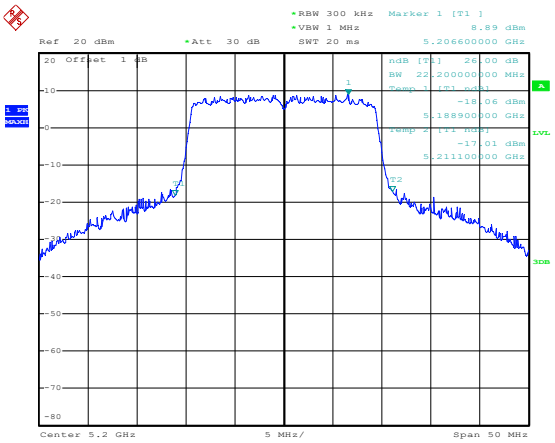
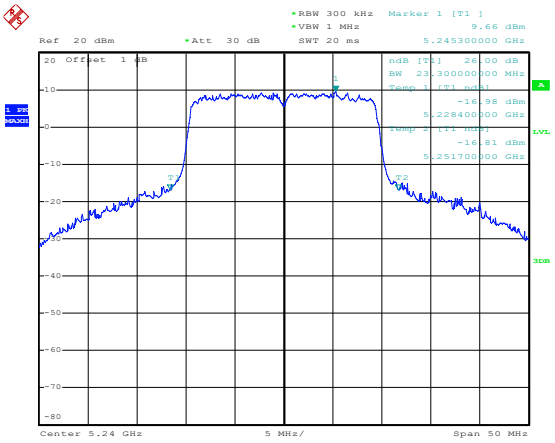
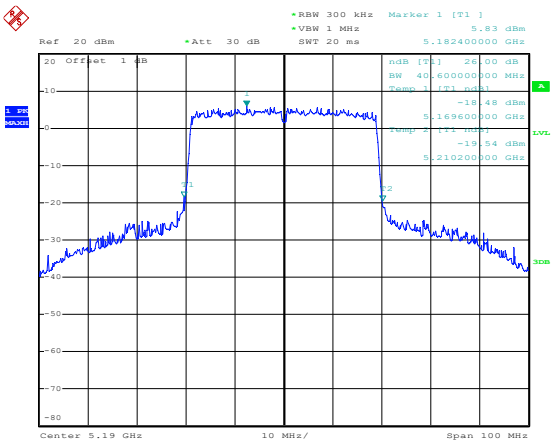
802.11a-Low	 Date: 18.MAY.2024 15:26:01
802.11a-Middle	 Date: 18.MAY.2024 15:27:02
802.11a-High	 Date: 18.MAY.2024 15:27:28

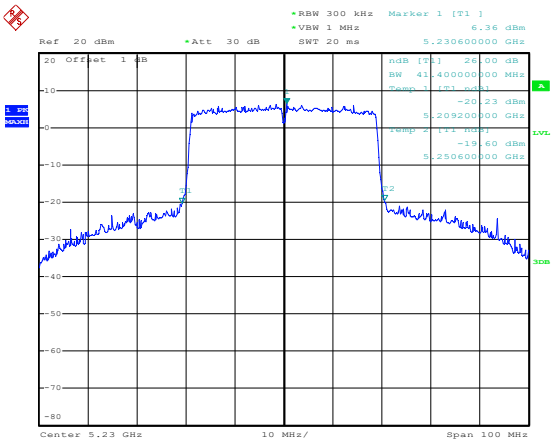
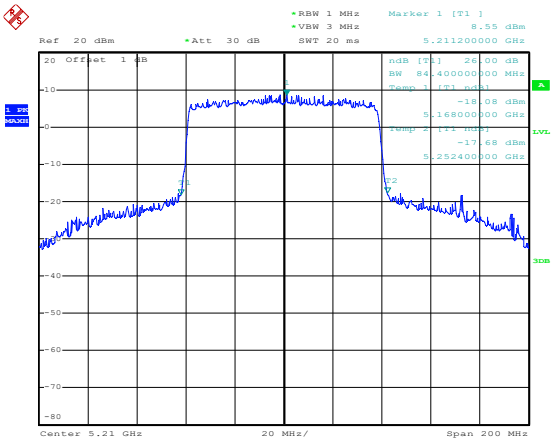
802.11n-HT20-Low	 Date: 18.MAY.2024 15:28:49
802.11n-HT20-Middle	 Date: 18.MAY.2024 15:28:26
802.11n-HT20-High	 Date: 18.MAY.2024 15:27:59

802.11n-HT40-Low	 Date: 18.MAY.2024 15:31:59
802.11n-HT40-High	 Date: 18.MAY.2024 15:32:34
802.11ac-VHT20-Low	 Date: 18.MAY.2024 15:29:06

802.11ac-VHT20-Middle	
802.11ac-VHT20-High	
802.11ac-VHT40-Low	

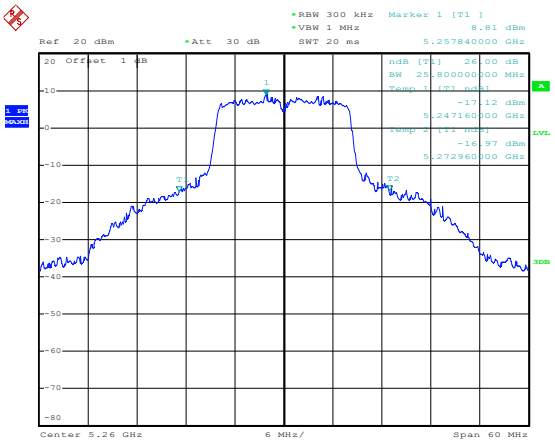
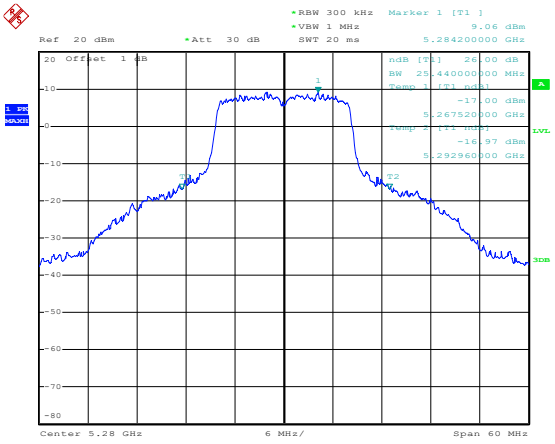
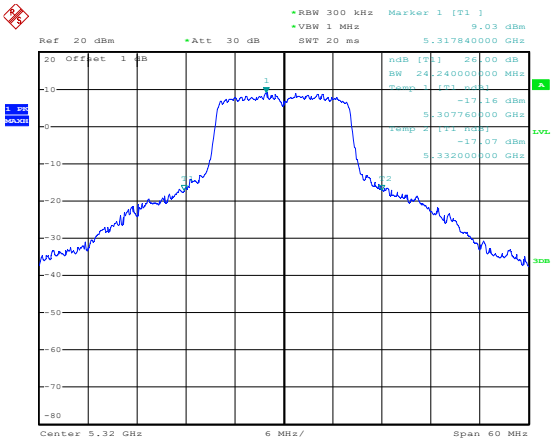
802.11ac-VHT40-High	 Date: 18.MAY.2024 15:32:57
802.11ac-VHT80	 Date: 18.MAY.2024 15:35:20
802.11ax-HE20-Low	 Date: 18.MAY.2024 15:24:36

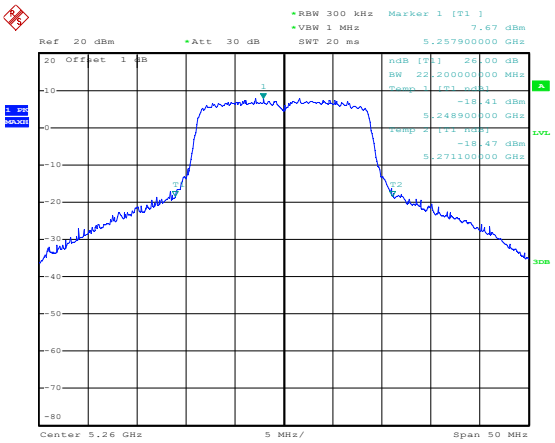
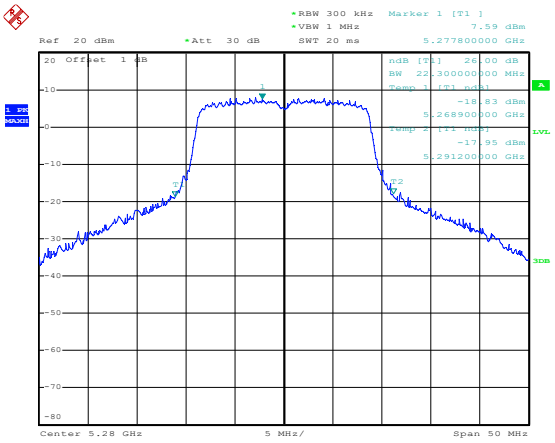
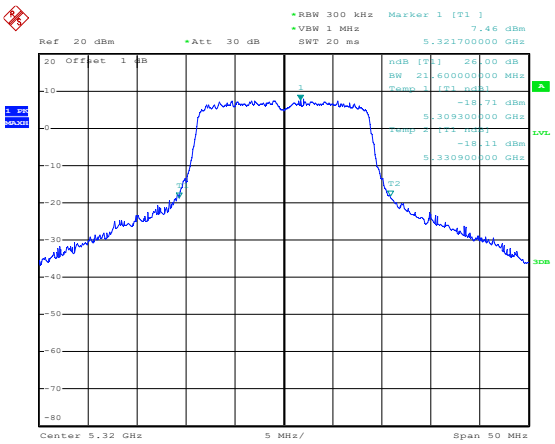
802.11ax-HE20-Middle	 Date: 18.MAY.2024 15:24:07
802.11ax-HE20-High	 Date: 18.MAY.2024 15:23:25
802.11ax-HE40-Low	 Date: 18.MAY.2024 15:33:54

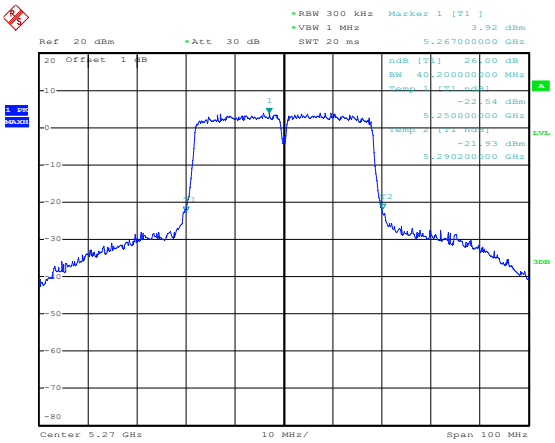
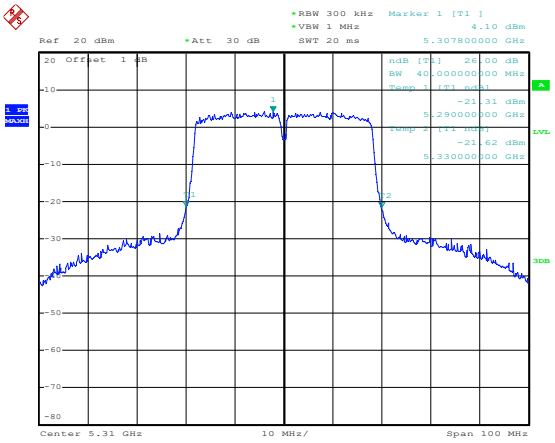
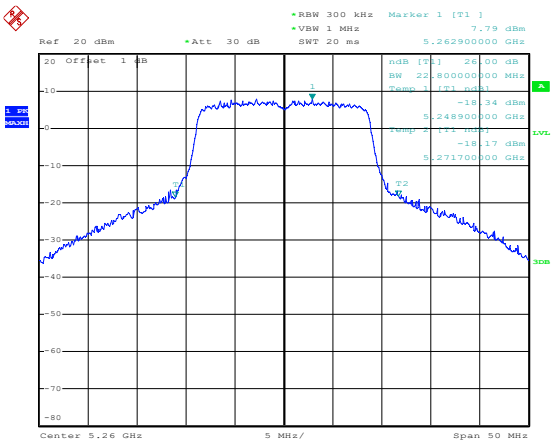
802.11ax-HE40-High	
802.11ax-HE80	

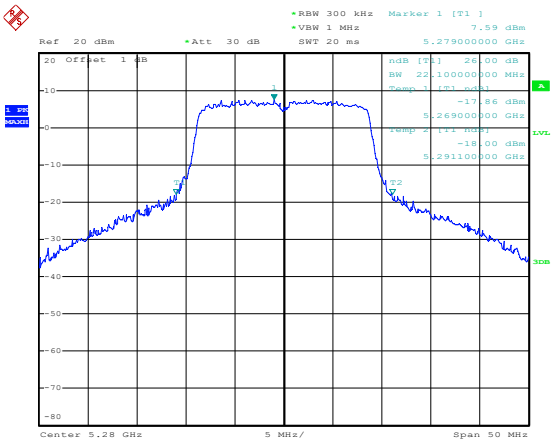
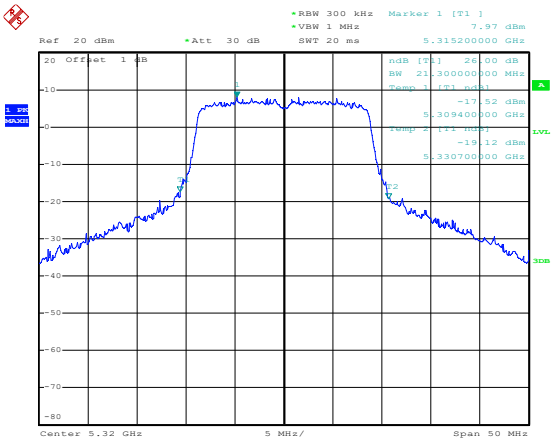
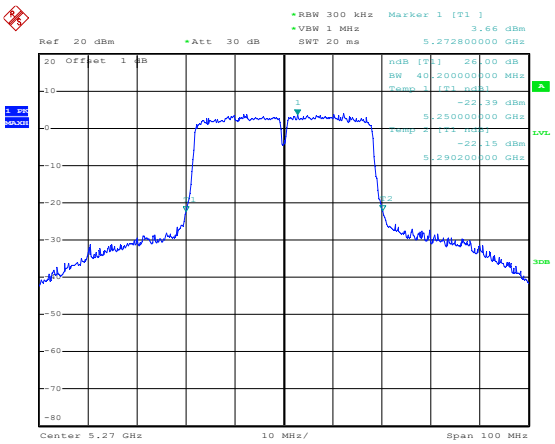
26 dB Bandwidth

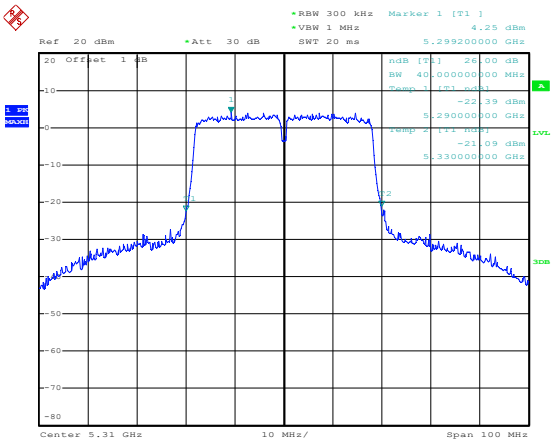
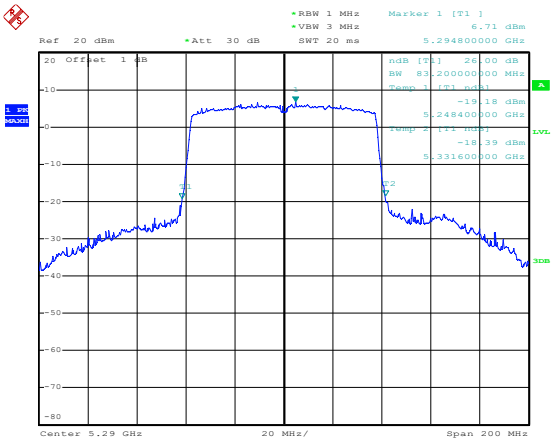
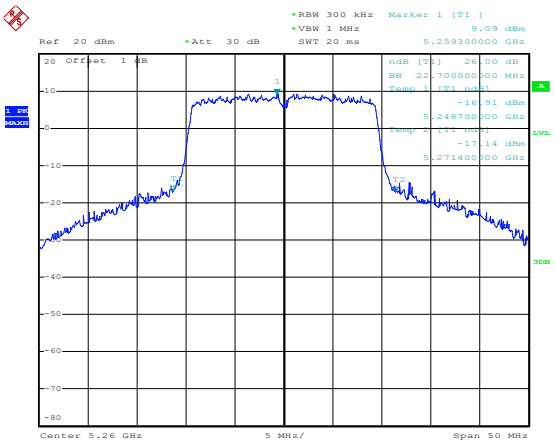
5250-5350MHz

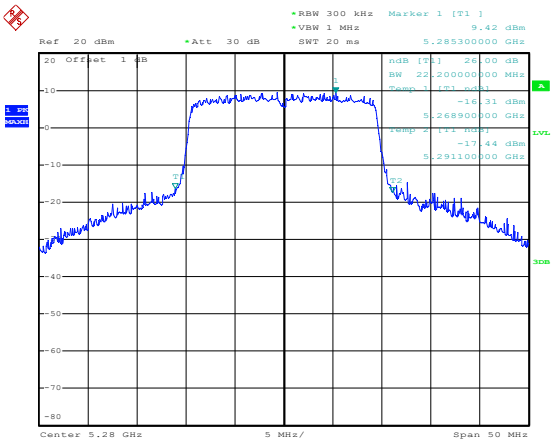
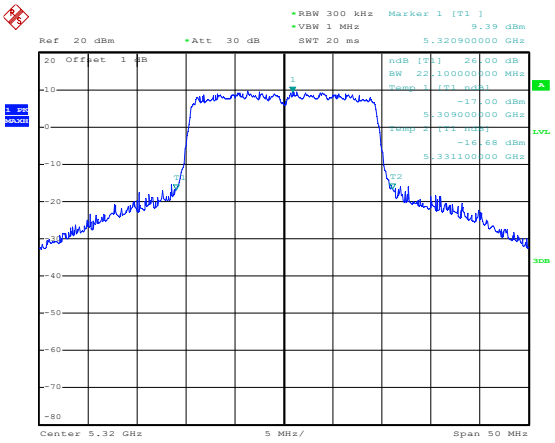
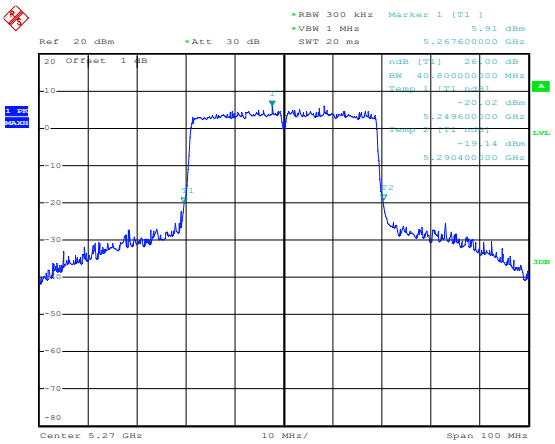
802.11a-Low	 Date: 18.MAY.2024 17:05:47
802.11a-Middle	 Date: 18.MAY.2024 17:08:33
802.11a-High	 Date: 18.MAY.2024 17:10:44

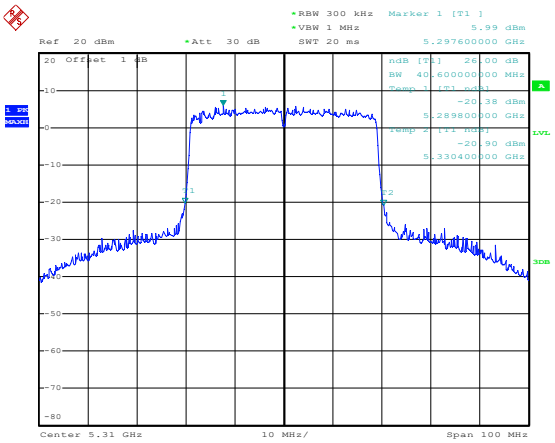
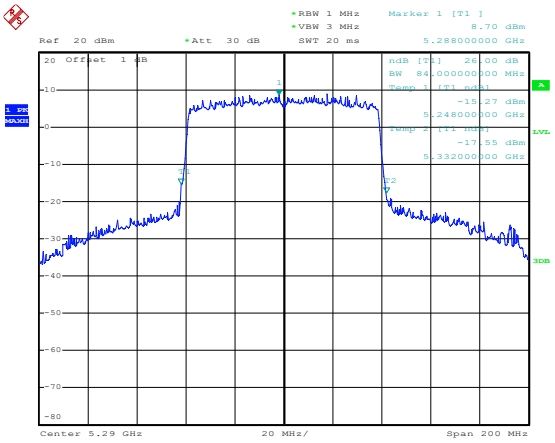
802.11n-HT20-Low	 Date: 18.MAY.2024 17:12:11
802.11n-HT20-Middle	 Date: 18.MAY.2024 17:14:22
802.11n-HT20-High	 Date: 18.MAY.2024 17:15:51

802.11n-HT40-Low	 Date: 18.MAY.2024 17:18:14
802.11n-HT40-High	 Date: 18.MAY.2024 17:20:00
802.11ac-VHT20-Low	 Date: 18.MAY.2024 17:13:02

802.11ac-VHT20-Middle	 Date: 18.MAY.2024 17:14:47
802.11ac-VHT20-High	 Date: 18.MAY.2024 17:16:13
802.11ac-VHT40-Low	 Date: 18.MAY.2024 17:18:52

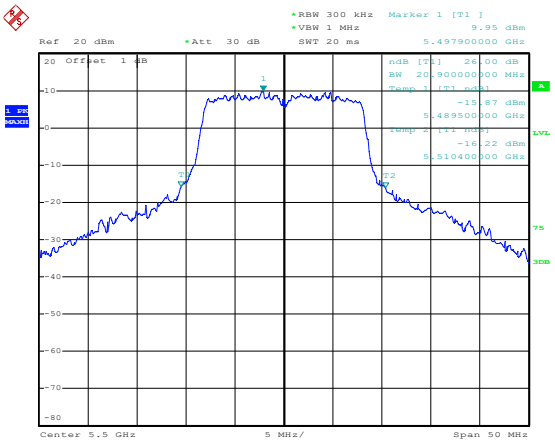
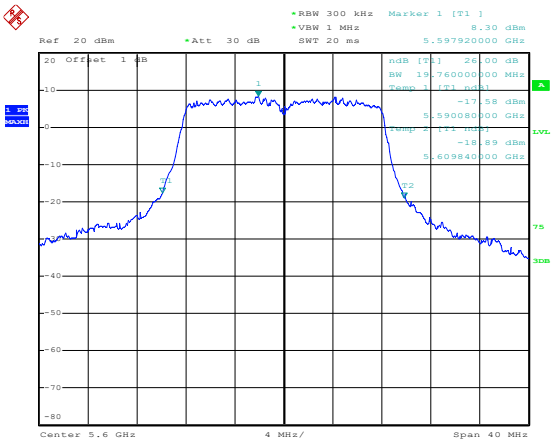
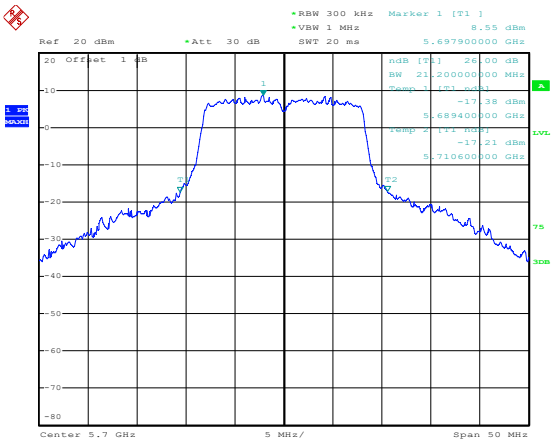
802.11ac-VHT40-High	 Date: 18.MAY.2024 17:20:21
802.11ac-VHT80	 Date: 18.MAY.2024 17:23:22
802.11ax-HE20-Low	 Date: 18.MAY.2024 17:13:42

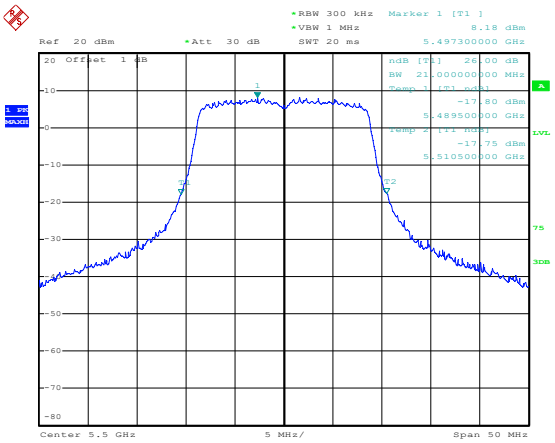
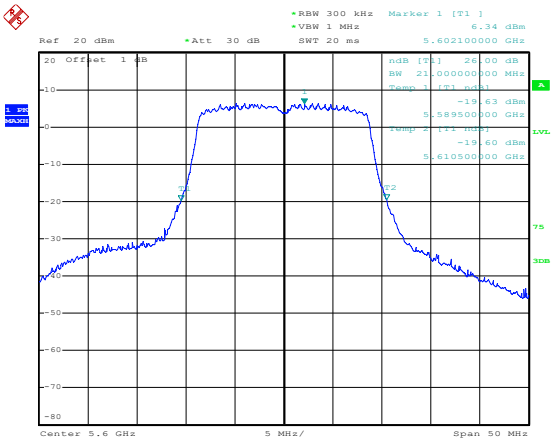
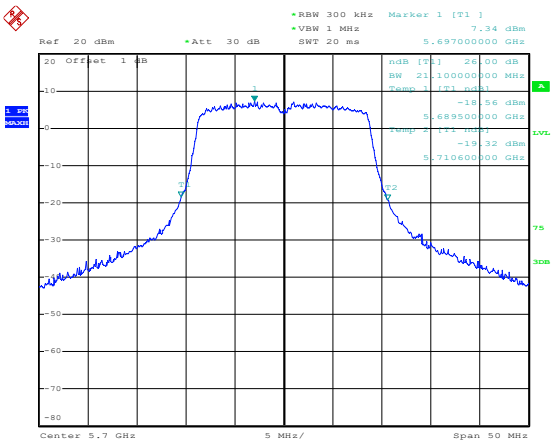
802.11ax-HE20-Middle	 Date: 18.MAY.2024 17:15:04
802.11ax-HE20-High	 Date: 18.MAY.2024 17:16:39
802.11ax-HE40-Low	 Date: 18.MAY.2024 17:19:11

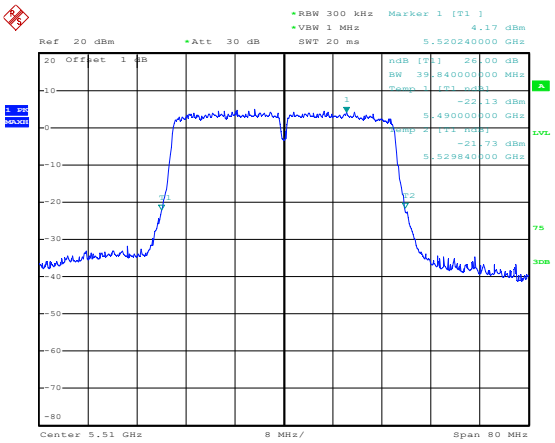
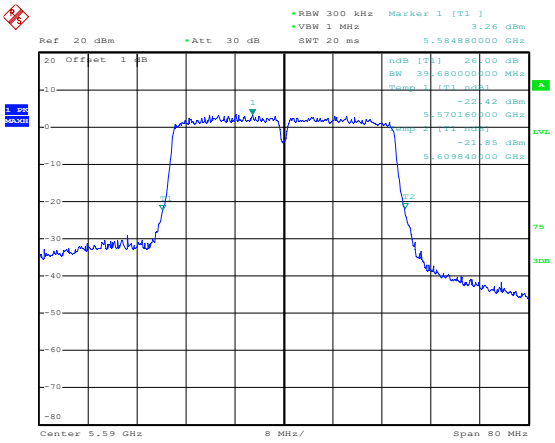
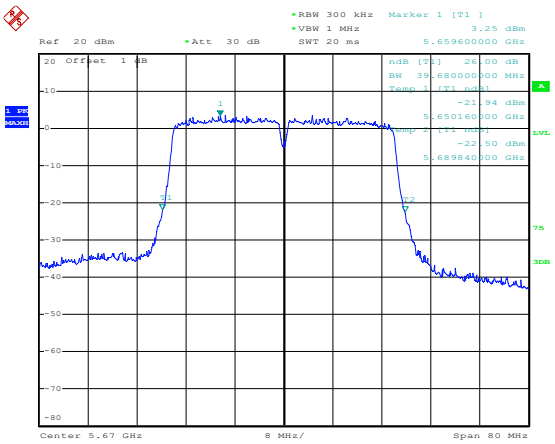
802.11ax-HE40-High	 Date: 18.MAY.2024 17:20:43
802.11ax-HE80	 Date: 18.MAY.2024 17:23:47

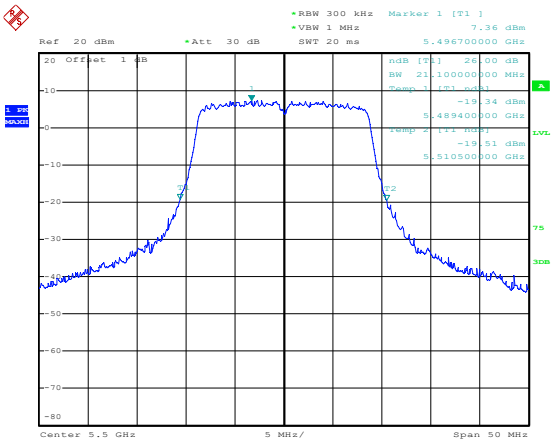
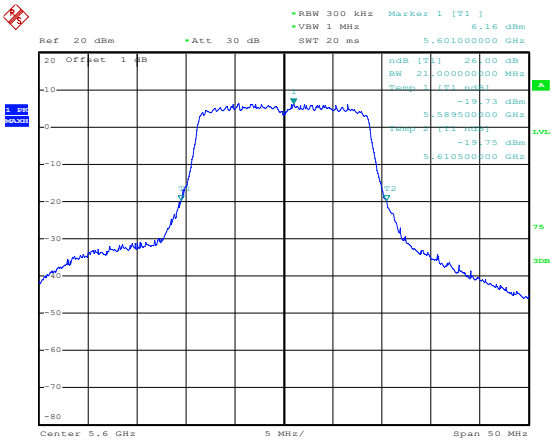
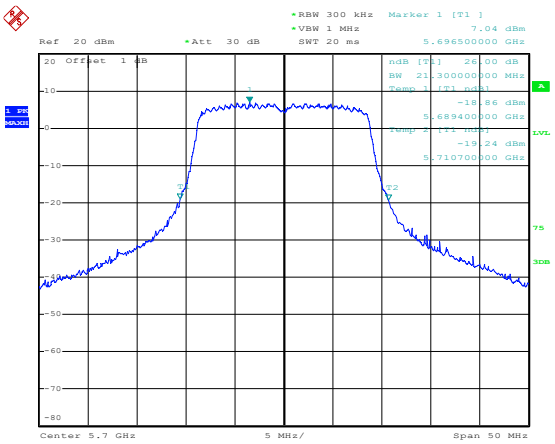
26 dB Bandwidth

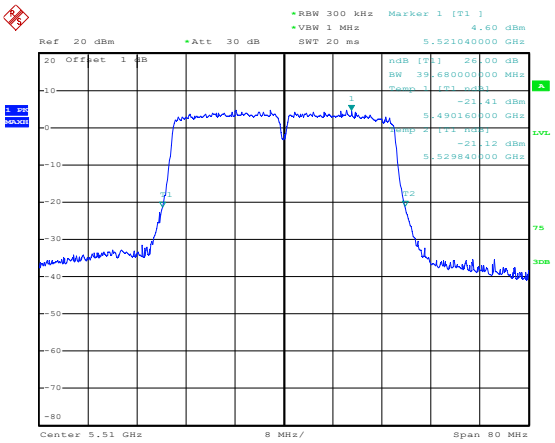
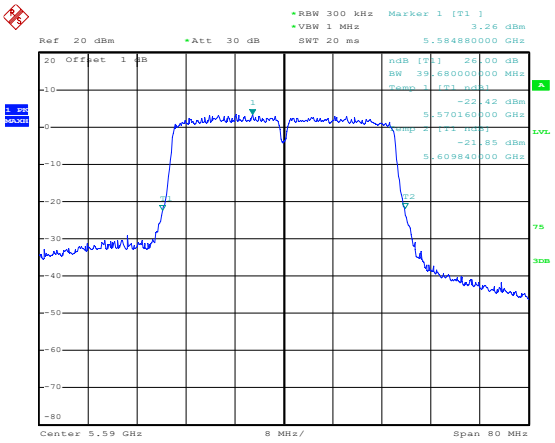
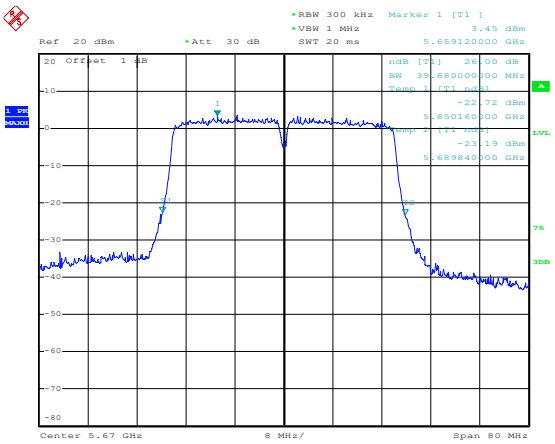
5470-5725MHz

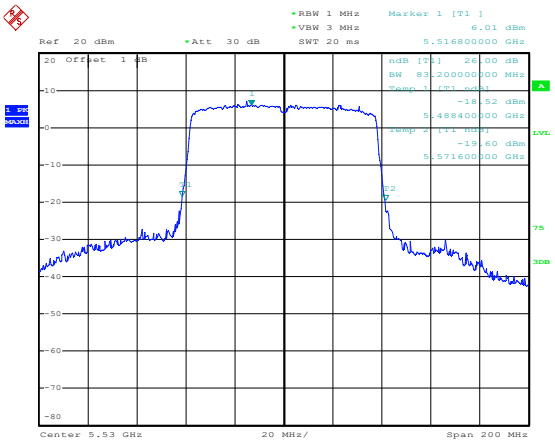
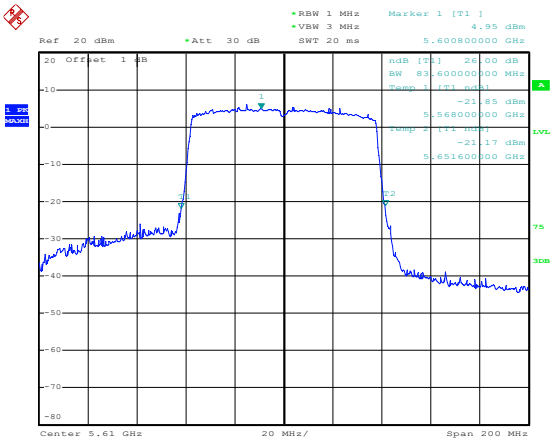
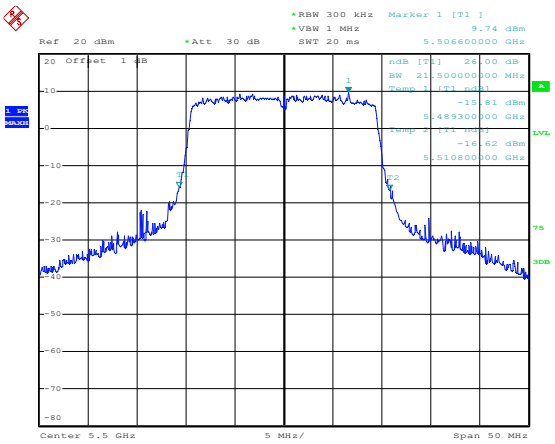
802.11a-Low	 Date: 20.MAY.2024 16:01:10
802.11a-Middle	 Date: 20.MAY.2024 16:01:55
802.11a-High	 Date: 20.MAY.2024 16:02:29

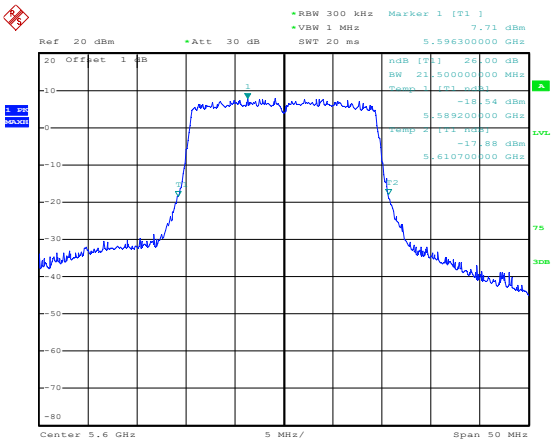
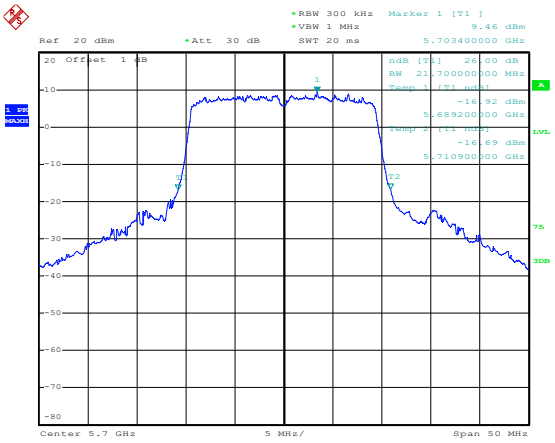
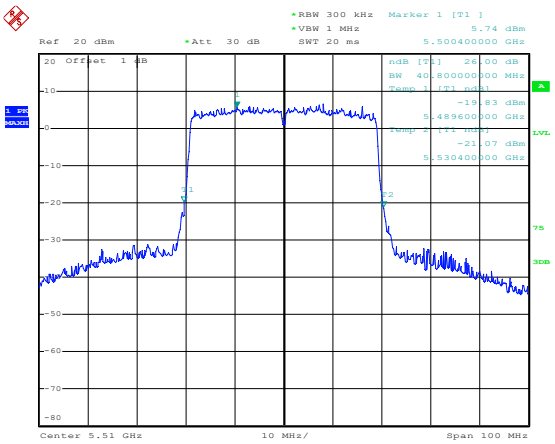
802.11n-HT20-Low	 Date: 20.MAY.2024 16:03:53
802.11n-HT20-Middle	 Date: 20.MAY.2024 16:05:48
802.11n-HT20-High	 Date: 20.MAY.2024 16:08:27

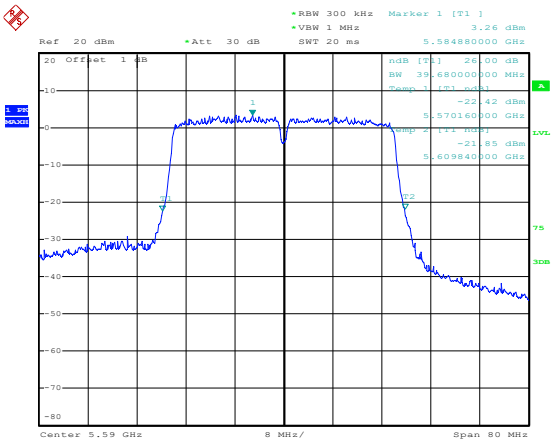
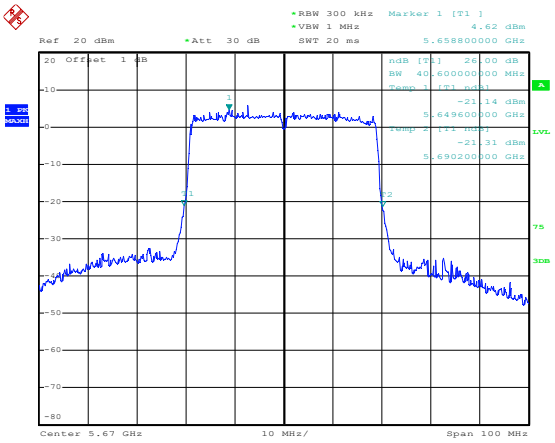
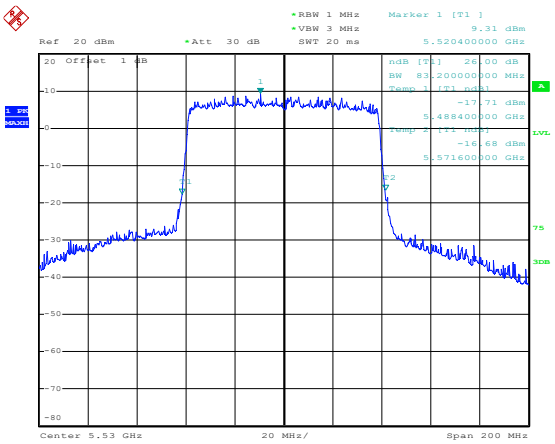
802.11n-HT40-Low	 Date: 20.MAY.2024 16:13:25
802.11n-HT40-Middle	 Date: 20.MAY.2024 16:14:51
802.11n-HT40-High	 Date: 20.MAY.2024 16:16:14

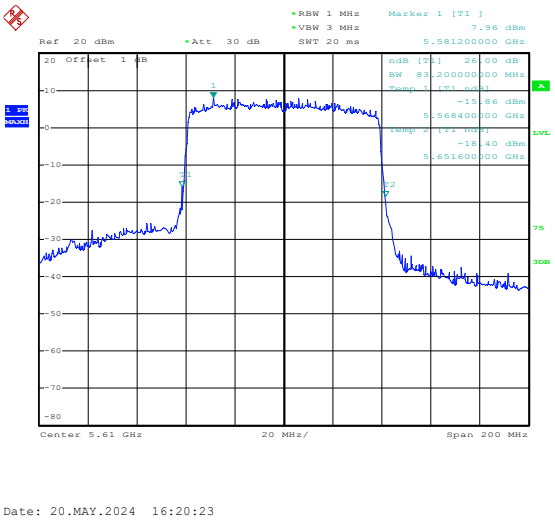
802.11ac-VHT20-Low	 Date: 20.MAY.2024 16:04:11
802.11ac-VHT20-Middle	 Date: 20.MAY.2024 16:06:31
802.11ac-VHT20-High	 Date: 20.MAY.2024 16:10:13

802.11ac-VHT40-Low	 Date: 20.MAY.2024 16:13:42
802.11ac-VHT40-Middle	 Date: 20.MAY.2024 16:14:51
802.11ac-VHT40-High	 Date: 20.MAY.2024 16:17:23

802.11ac-VHT80-Low	 Date: 20.MAY.2024 16:19:10
802.11ac-VHT80-High	 Date: 20.MAY.2024 16:20:01
802.11ax-HE20-Low	 Date: 20.MAY.2024 16:04:30

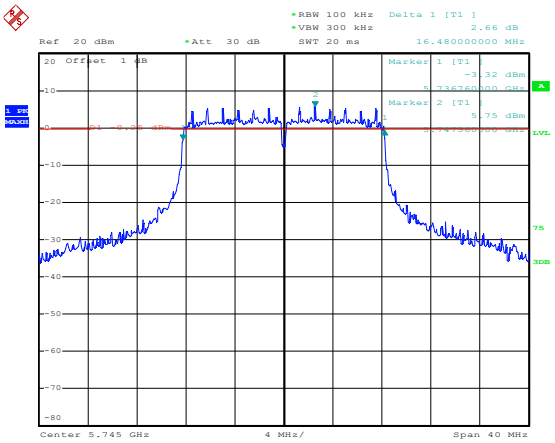
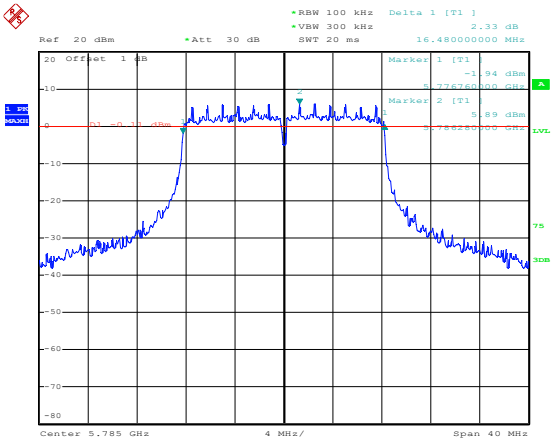
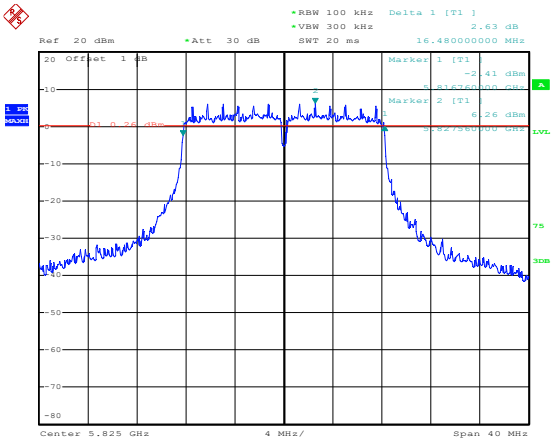
802.11ax-HE20-Middle	 Date: 20.MAY.2024 16:06:50
802.11ax-HE20-High	 Date: 20.MAY.2024 16:12:41
802.11ax-HE40-Low	 Date: 20.MAY.2024 16:14:17

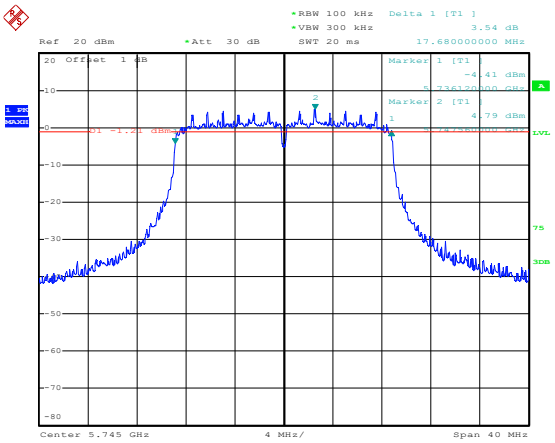
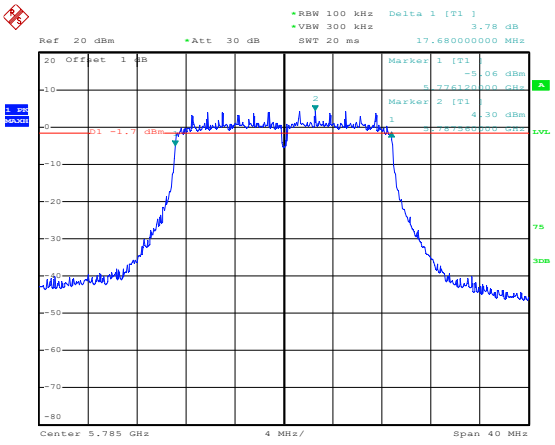
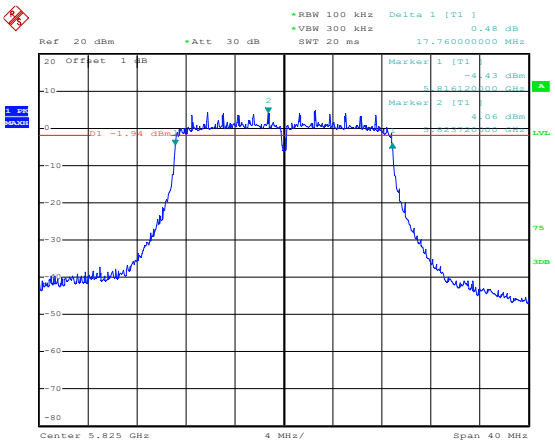
802.11ax-HE40-Middle	 Date: 20.MAY.2024 16:14:51
802.11ax-HE40-High	 Date: 20.MAY.2024 16:18:26
802.11ax-HE80-Low	 Date: 20.MAY.2024 16:19:29

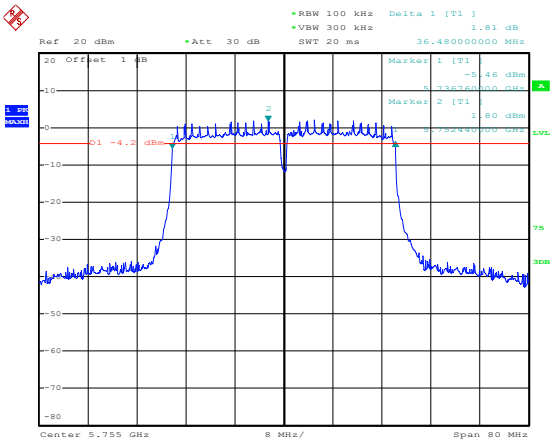
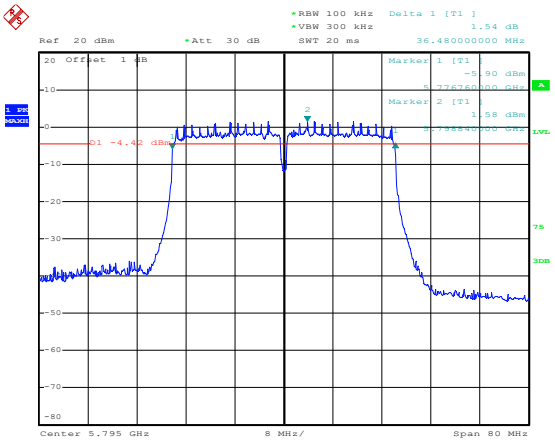
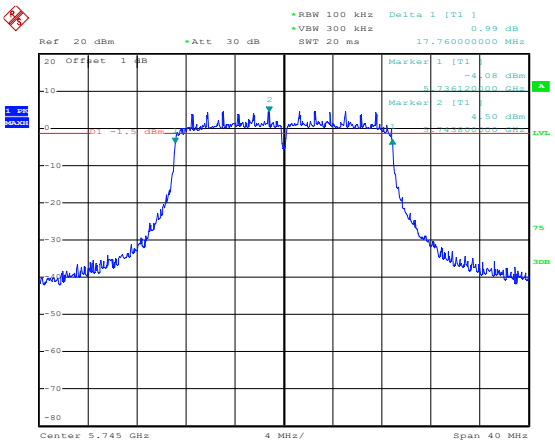
802.11ax-HE80-High	

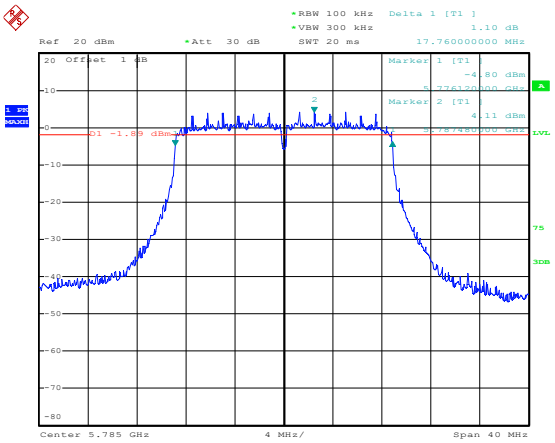
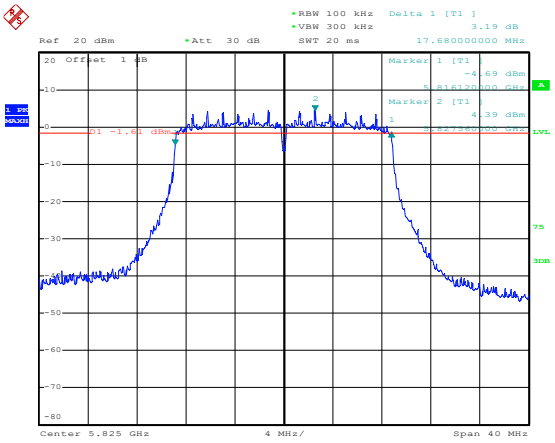
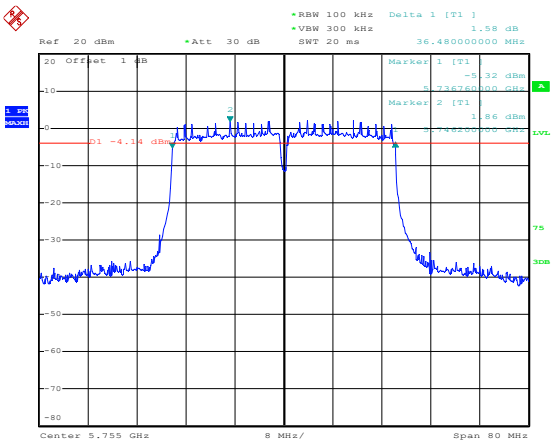
6 dB Bandwidth

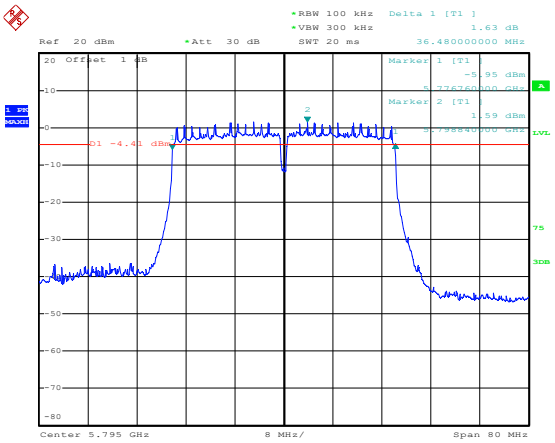
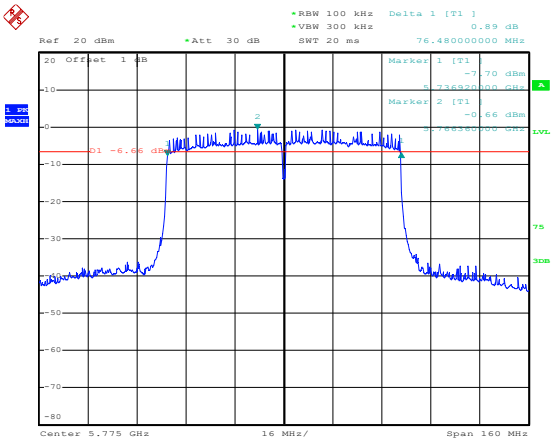
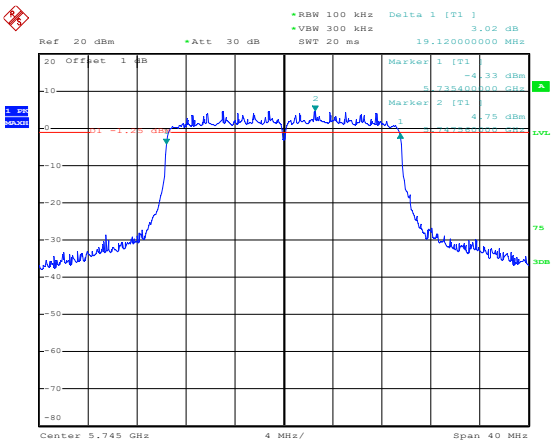
5725-5850MHz

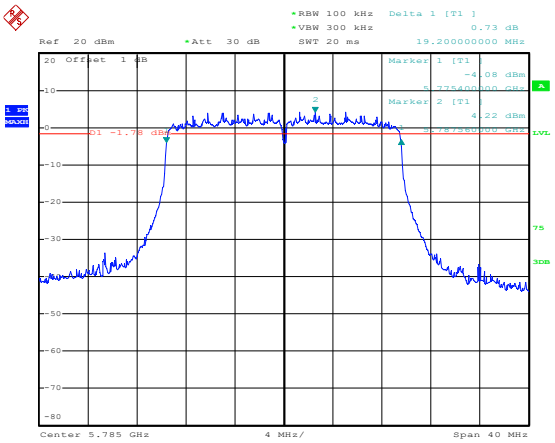
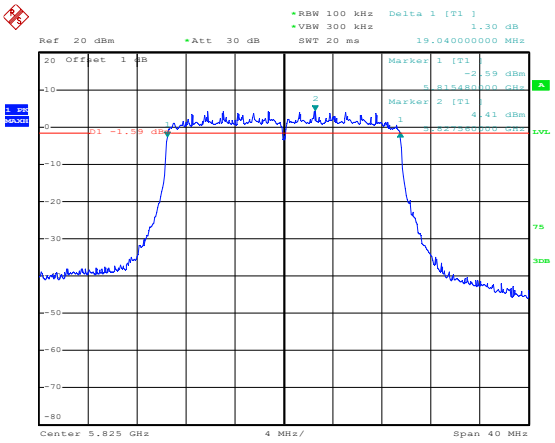
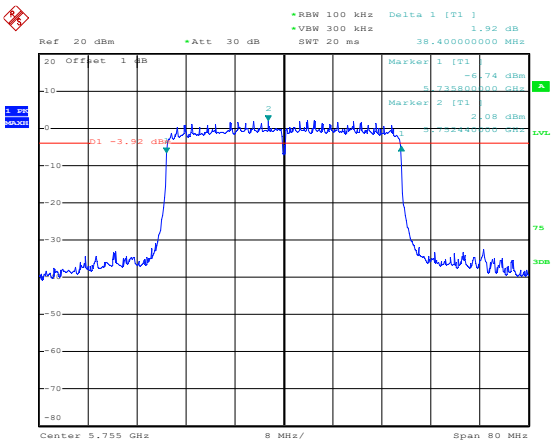
802.11a-Low	 Date: 20.MAY.2024 17:20:07
802.11a-Middle	 Date: 20.MAY.2024 17:20:56
802.11a-High	 Date: 20.MAY.2024 17:21:52

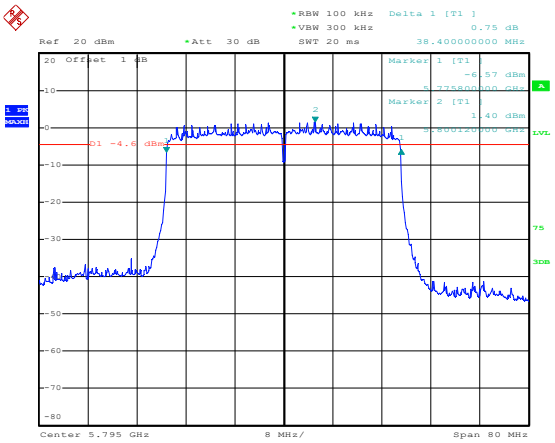
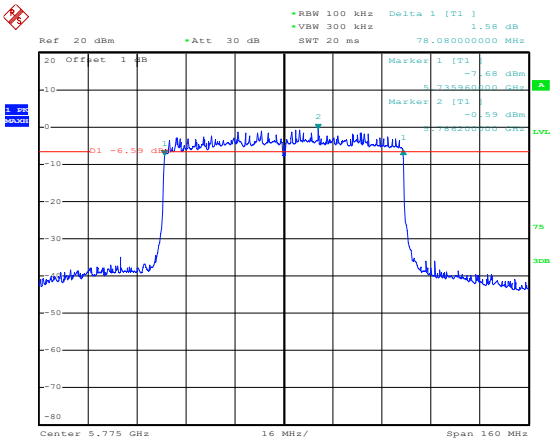
802.11n-HT20-Low	
802.11n-HT20-Middle	
802.11n-HT20-High	

802.11n-HT40-Low	 Date: 20.MAY.2024 17:31:03
802.11n-HT40-High	 Date: 20.MAY.2024 17:35:40
802.11ac-VHT20-Low	 Date: 20.MAY.2024 17:23:41

802.11ac-VHT20-Middle	 Date: 20.MAY.2024 17:26:07
802.11ac-VHT20-High	 Date: 20.MAY.2024 17:29:01
802.11ac-VHT40-Low	 Date: 20.MAY.2024 17:31:49

802.11ac-VHT40-High	 Date: 20.MAY.2024 17:37:27
802.11ac-VHT80	 Date: 20.MAY.2024 17:42:37
802.11ax-HE20-Low	 Date: 20.MAY.2024 17:24:28

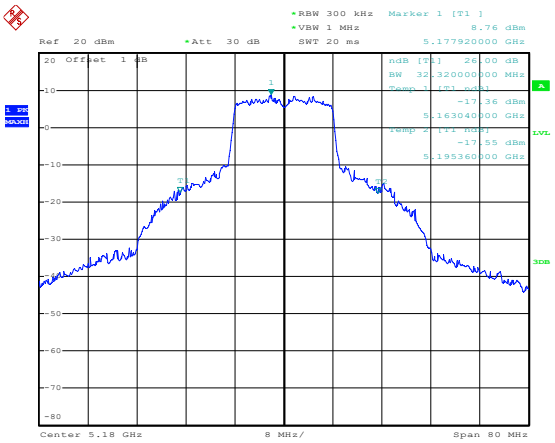
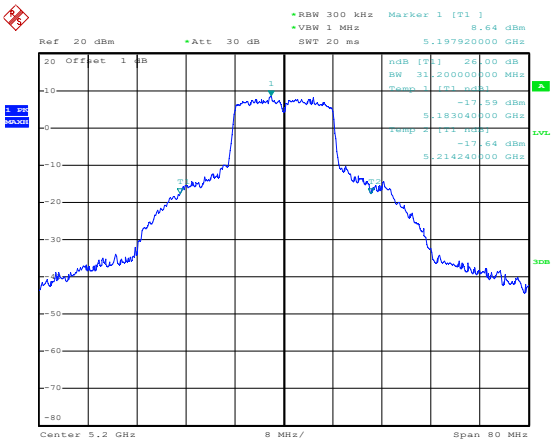
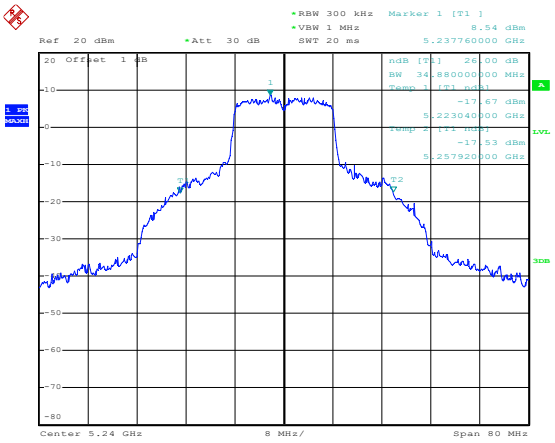
802.11ax-HE20-Middle	 Date: 20.MAY.2024 17:27:14
802.11ax-HE20-High	 Date: 20.MAY.2024 17:29:50
802.11ax-HE40-Low	 Date: 20.MAY.2024 17:33:36

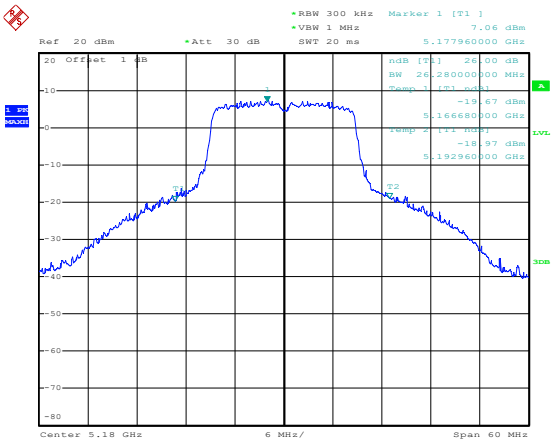
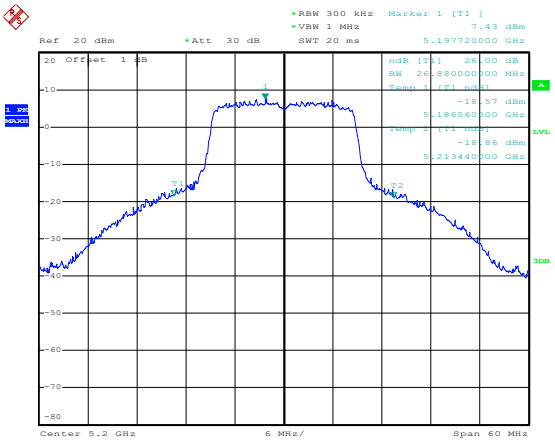
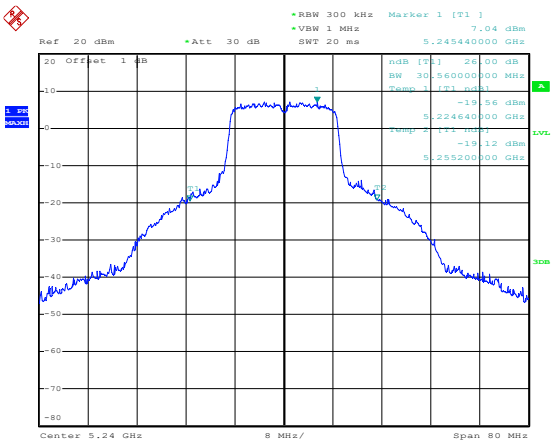
802.11ax-HE40-High	 Date: 20.MAY.2024 17:38:48
802.11ax-HE80	 Date: 20.MAY.2024 17:43:31

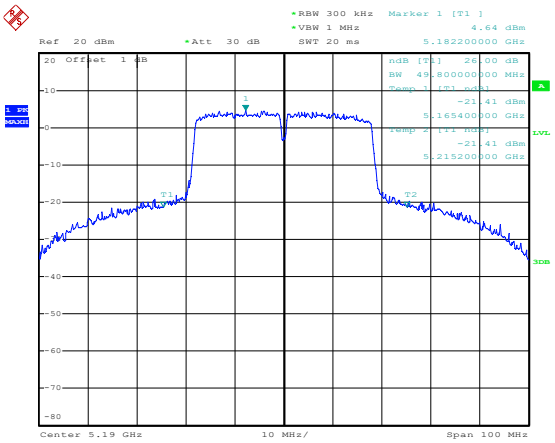
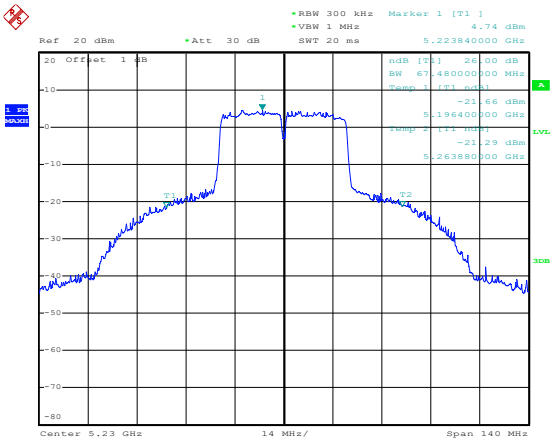
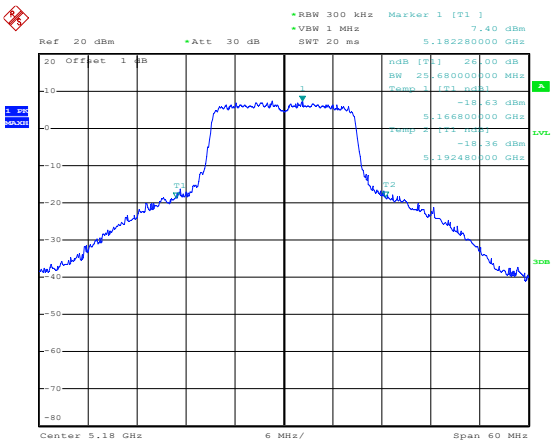
ANT 1

26 dB Bandwidth

5150-5250MHz

802.11a-Low	 Date: 17.MAY.2024 11:31:26
802.11a-Middle	 Date: 17.MAY.2024 11:33:14
802.11a-High	 Date: 17.MAY.2024 11:33:44

802.11n-HT20-Low	 Date: 17.MAY.2024 11:36:16
802.11n-HT20-Middle	 Date: 17.MAY.2024 11:35:35
802.11n-HT20-High	 Date: 17.MAY.2024 11:34:37

802.11n-HT40-Low	 Date: 17.MAY.2024 11:41:31
802.11n-HT40-High	 Date: 17.MAY.2024 11:42:31
802.11ac-VHT20-Low	 Date: 17.MAY.2024 11:36:47