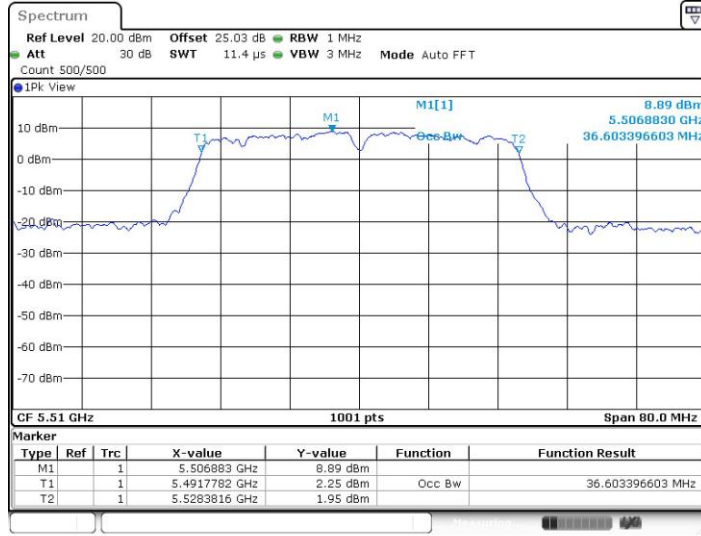
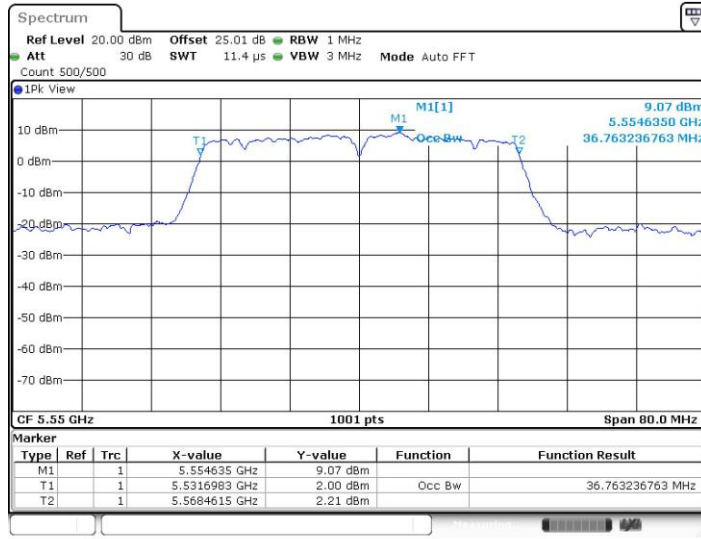




11N40SISO\_Ant1\_5510



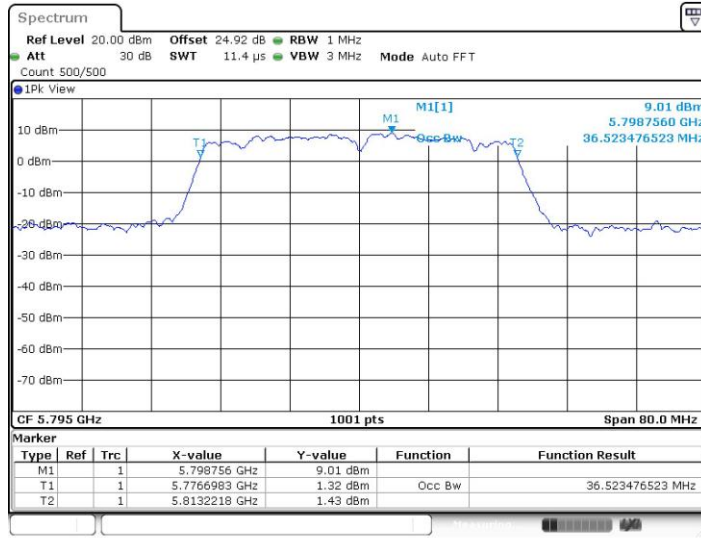
11N40SISO\_Ant1\_5550



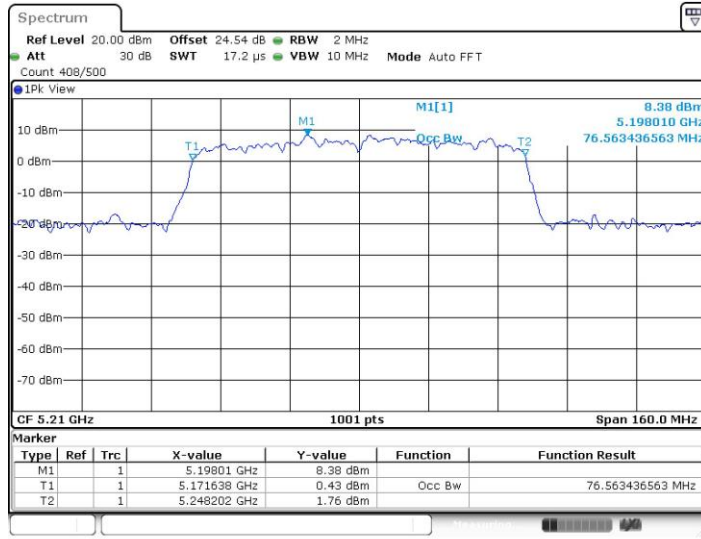




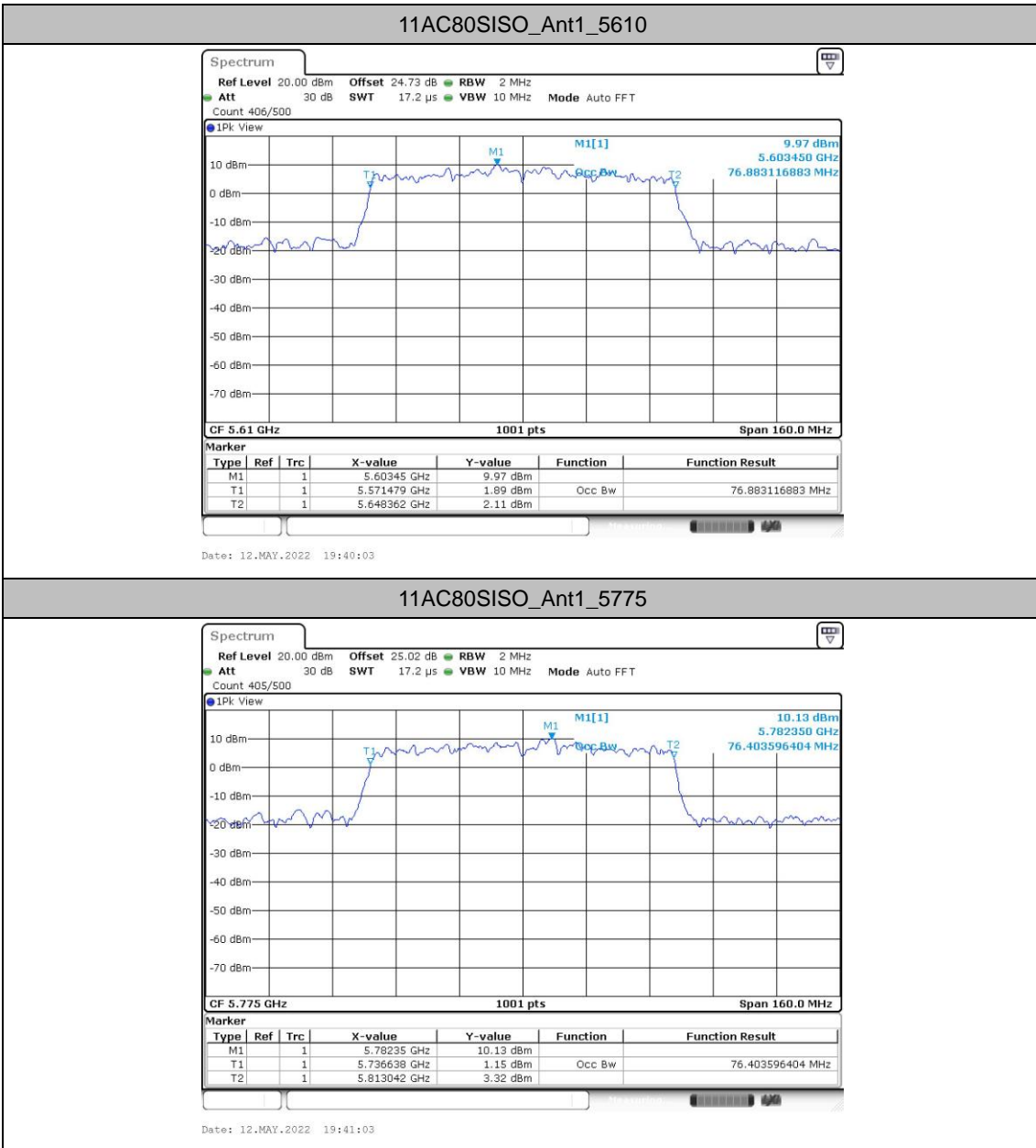
11N40SISO\_Ant1\_5795



11A80SISO\_Ant1\_5210









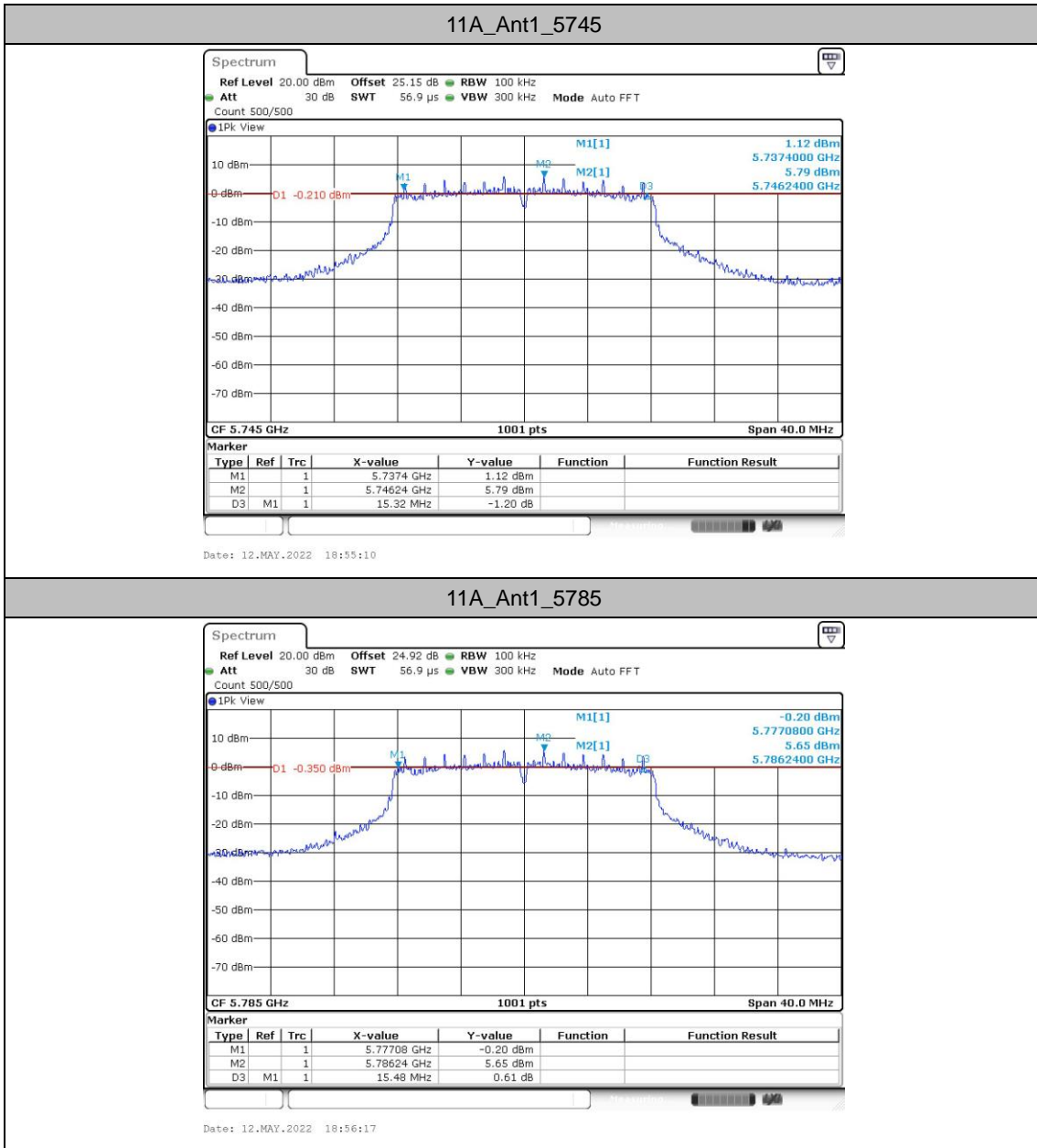
### Min emission bandwidth

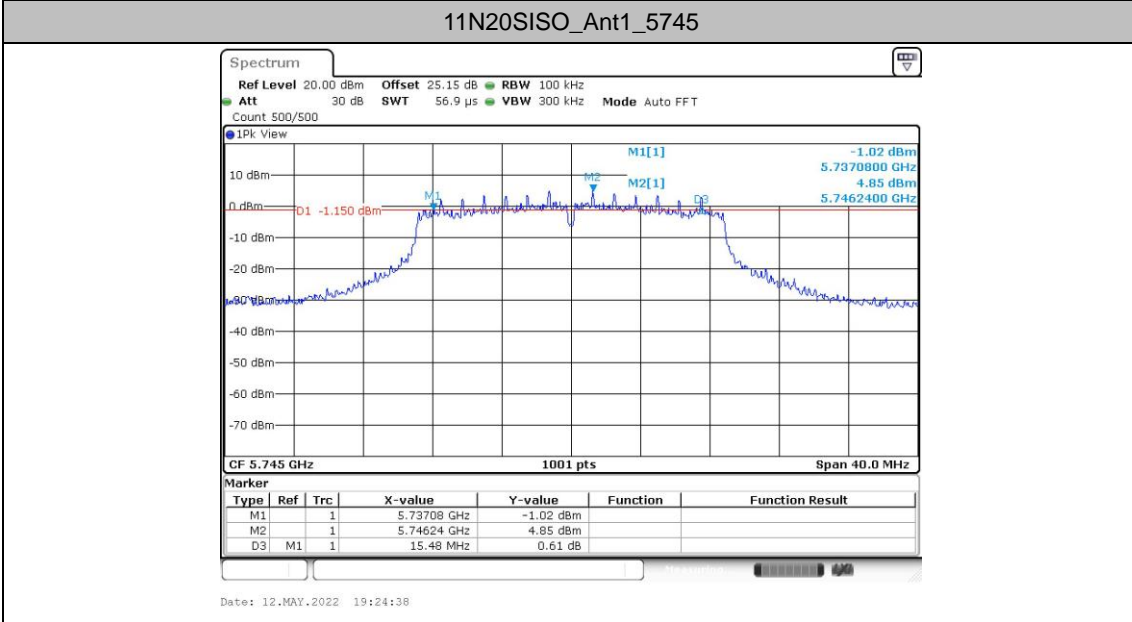
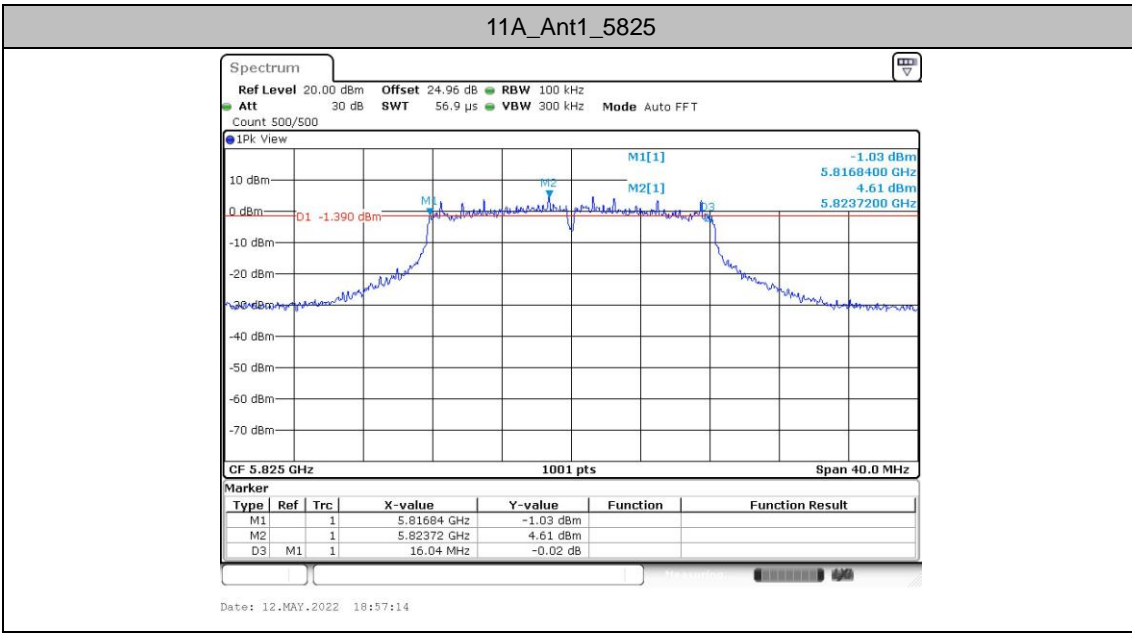
#### Test Result B4

TestMode	Antenna	Freq(MHz)	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.32	5737.40	5752.72	0.5	PASS
		5785	15.48	5777.08	5792.56	0.5	PASS
		5825	16.04	5816.84	5832.88	0.5	PASS
11N20SISO	Ant1	5745	15.48	5737.08	5752.56	0.5	PASS
		5785	15.12	5777.44	5792.56	0.5	PASS
		5825	16.08	5817.40	5833.48	0.5	PASS
11N40SISO	Ant1	5755	35.44	5737.08	5772.52	0.5	PASS
		5795	35.12	5777.40	5812.52	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS



Test Graphs B4

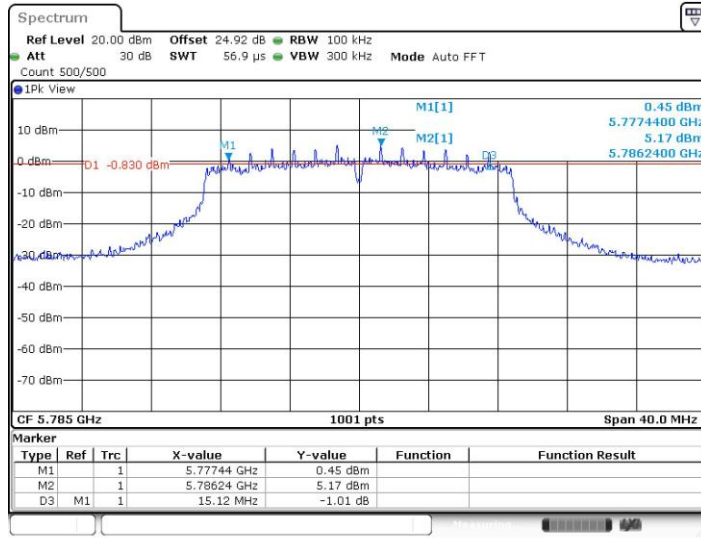




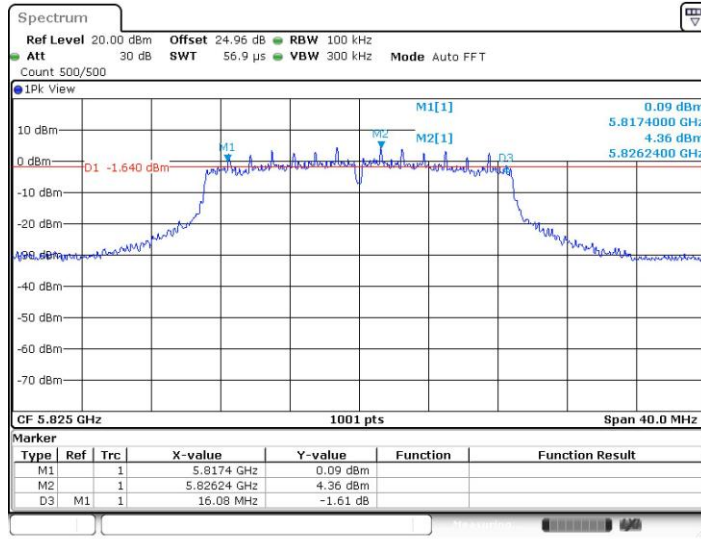




11N20SISO\_Ant1\_5785

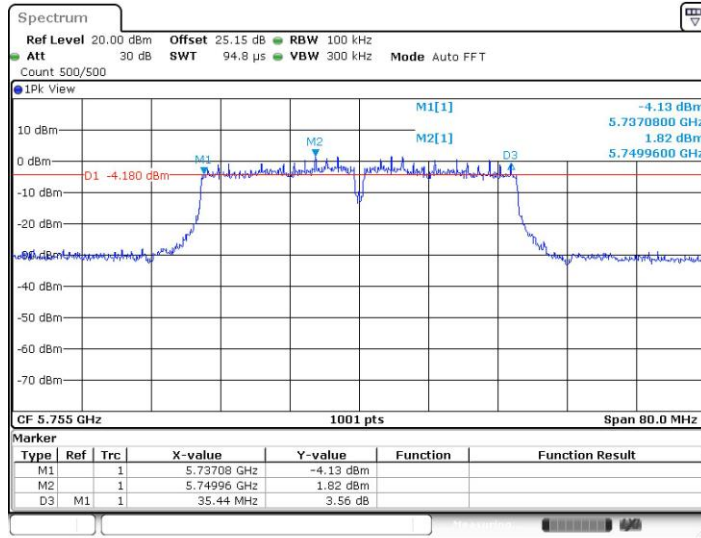


11N20SISO\_Ant1\_5825

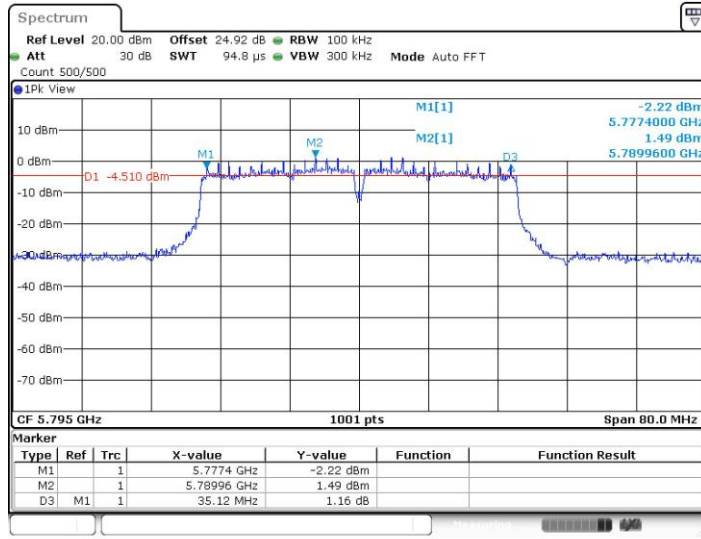


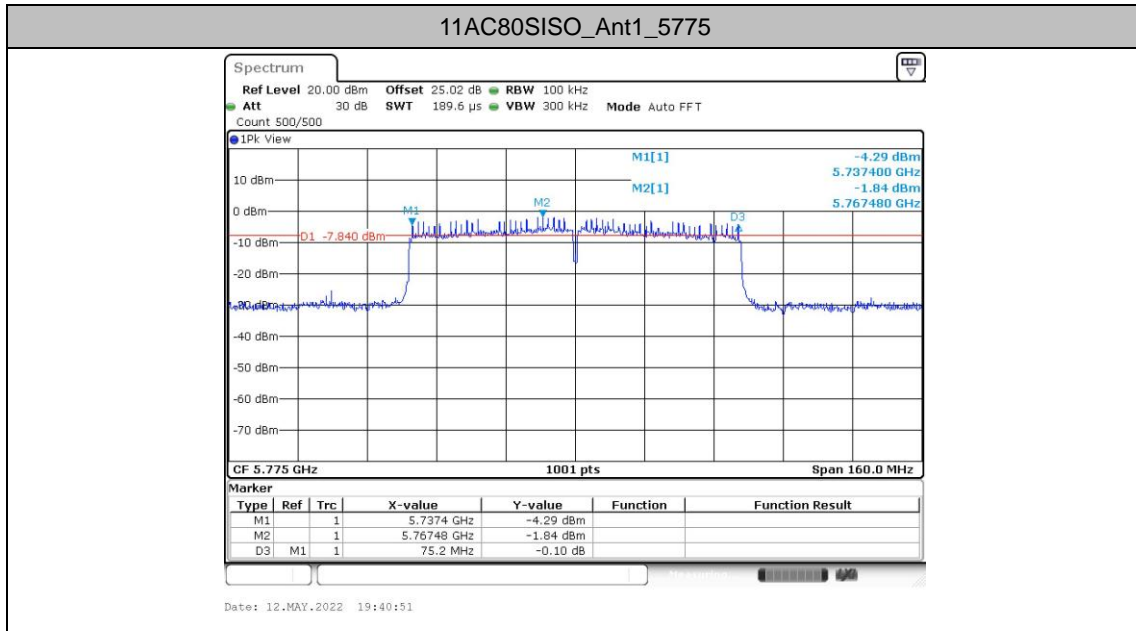


11N40SISO\_Ant1\_5755



11N40SISO\_Ant1\_5795







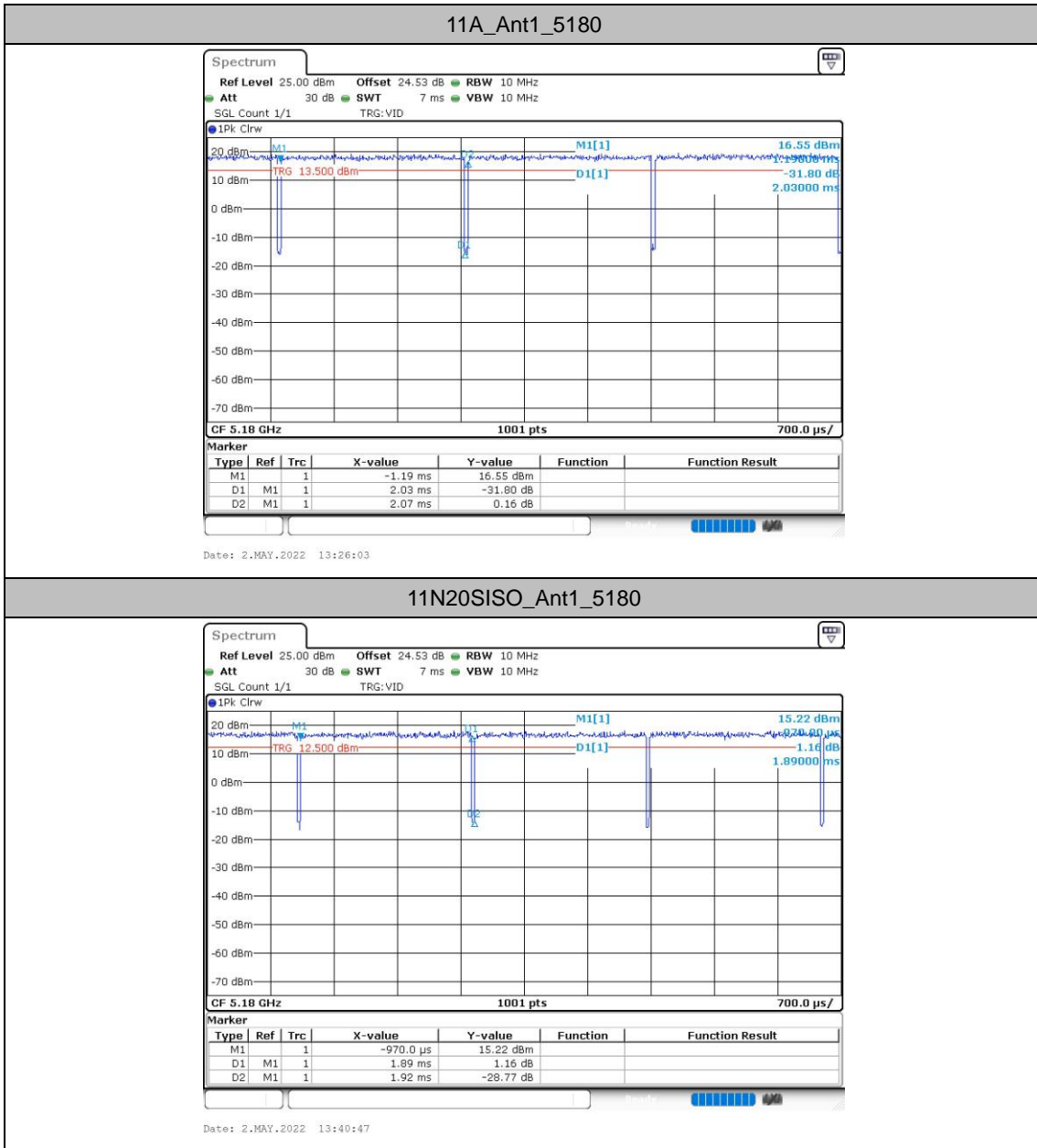
## Duty Cycle

### Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.03	2.07	98.07	---	---
11N20SISO	Ant1	5180	1.89	1.92	98.44	---	---
11N40SISO	Ant1	5190	0.93	0.97	95.88	---	---
11AC20SISO	Ant1	5180	1.89	1.93	97.93	---	---
11AC40SISO	Ant1	5190	0.93	0.97	95.88	---	---
11AC80SISO	Ant1	5210	0.46	0.49	93.88	---	---

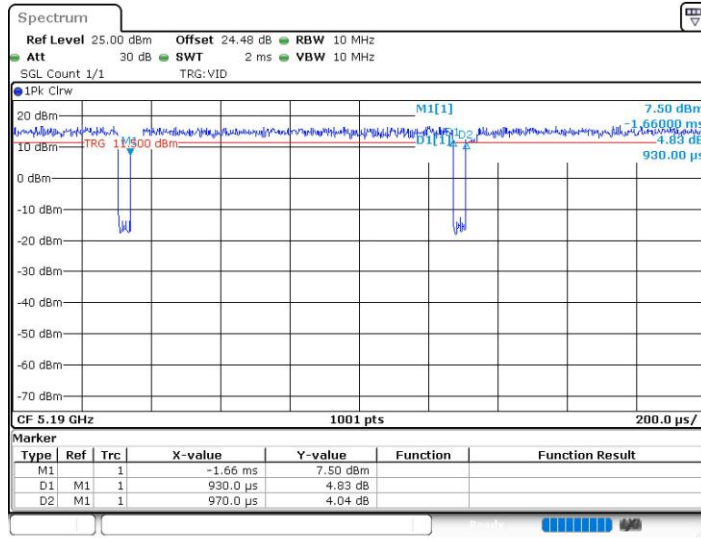


Test Graphs



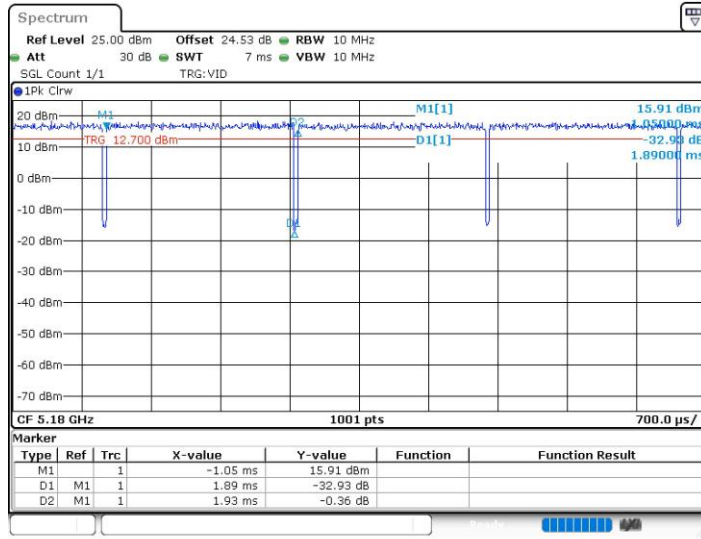


11N40SISO\_Ant1\_5190



Date: 2.MAY.2022 13:57:01

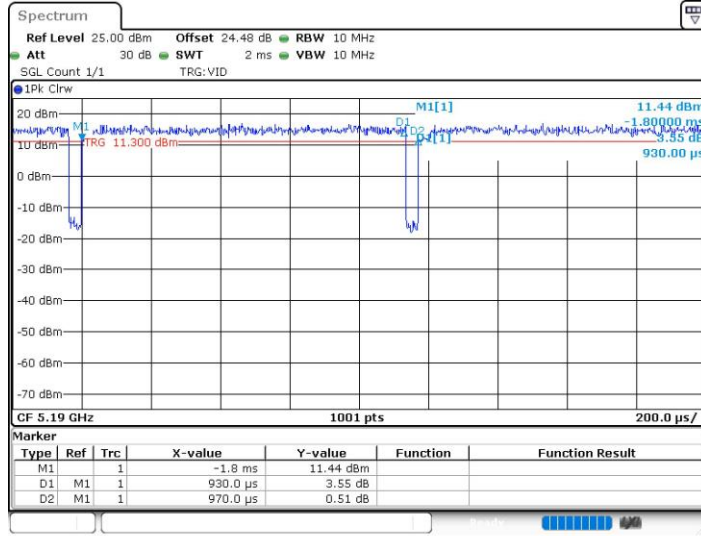
11AC20SISO\_Ant1\_5180



Date: 2.MAY.2022 14:06:21

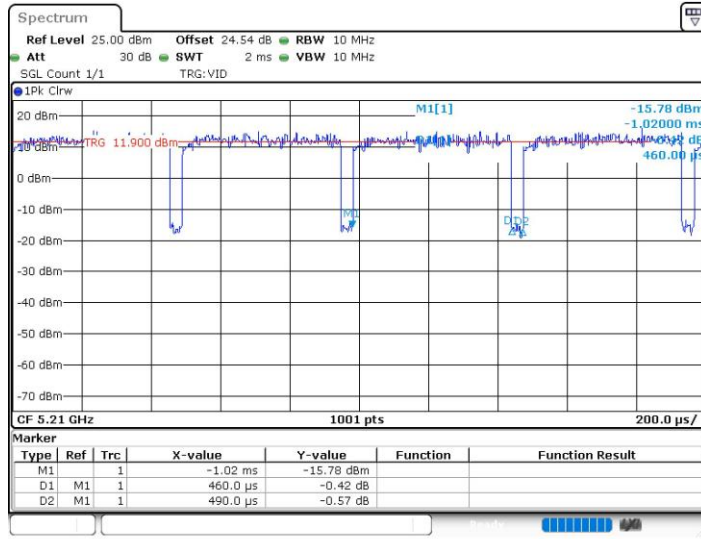


11AC40SISO\_Ant1\_5190



Date: 2.MAY.2022 14:15:13

11AC80SISO\_Ant1\_5210



Date: 2.MAY.2022 14:21:36



## Maximum conducted output power

### Test Result Channel Power

Test Mode	Antenna	Freq(MHz)	Set Power	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	17	15.20	98.07	0.08	15.28	≤23.98	3.10	18.38	---	PASS
		5220	17	15.29	98.07	0.08	15.37	≤23.98	3.10	18.47	---	PASS
		5240	17	15.37	98.07	0.08	15.45	≤23.98	3.10	18.55	---	PASS
		5260	17	15.55	98.07	0.08	15.63	≤23.98	3.20	18.83	≤26.99	PASS
		5300	17	15.46	98.07	0.08	15.54	≤23.98	3.20	18.74	≤26.99	PASS
		5320	17	15.58	98.07	0.08	15.66	≤23.98	3.20	18.86	≤26.99	PASS
		5500	17	15.94	98.07	0.08	16.02	≤23.98	3.20	19.22	≤26.99	PASS
		5580	17	16.02	98.07	0.08	16.10	≤23.98	3.20	19.3	≤26.99	PASS
		5700	17	16.05	98.07	0.08	16.13	≤23.98	3.20	19.33	≤26.99	PASS
		5745	17	16.07	98.07	0.08	16.15	≤30.00	3.10	19.25	---	PASS
		5785	17	16.08	98.07	0.08	16.16	≤30.00	3.10	19.26	---	PASS
5825	17	15.87	98.07	0.08	15.95	≤30.00	3.10	19.05	---	PASS		
11N20SISO	Ant1	5180	16	14.10	98.44	0.07	14.17	≤23.98	3.10	17.27	---	PASS
		5220	16	14.24	98.44	0.07	14.31	≤23.98	3.10	17.41	---	PASS
		5240	16	14.17	98.44	0.07	14.24	≤23.98	3.10	17.34	---	PASS
		5260	16	14.36	98.44	0.07	14.43	≤23.98	3.20	17.63	≤26.99	PASS
		5300	16	14.36	98.44	0.07	14.43	≤23.98	3.20	17.63	≤26.99	PASS
		5320	16	14.70	98.44	0.07	14.77	≤23.98	3.20	17.97	≤26.99	PASS
		5500	16	14.86	98.44	0.07	14.93	≤23.98	3.20	18.13	≤26.99	PASS
		5580	16	15.07	98.44	0.07	15.14	≤23.98	3.20	18.34	≤26.99	PASS
		5700	16	15.11	98.44	0.07	15.18	≤23.98	3.20	18.38	≤26.99	PASS
		5745	16	15.17	98.44	0.07	15.24	≤30.00	3.10	18.34	---	PASS
		5785	16	15.13	98.44	0.07	15.20	≤30.00	3.10	18.3	---	PASS
5825	16	14.84	98.44	0.07	14.91	≤30.00	3.10	18.01	---	PASS		
11N40SISO	Ant1	5190	16	15.01	95.88	0.18	15.19	≤23.98	3.10	18.29	---	PASS
		5230	16	15.12	95.88	0.18	15.30	≤23.98	3.10	18.4	---	PASS
		5270	16	15.12	95.88	0.18	15.30	≤23.98	3.20	18.5	≤26.99	PASS
		5310	16	15.25	95.88	0.18	15.43	≤23.98	3.20	18.63	≤26.99	PASS
		5510	16	15.21	95.88	0.18	15.39	≤23.98	3.20	18.59	≤26.99	PASS
		5550	16	15.78	95.88	0.18	15.96	≤23.98	3.20	19.16	≤26.99	PASS
		5670	16	15.83	95.88	0.18	16.01	≤23.98	3.20	19.21	≤26.99	PASS
		5755	16	15.91	95.88	0.18	16.09	≤30.00	3.10	19.19	---	PASS
5795	16	15.66	95.88	0.18	15.84	≤30.00	3.10	18.94	---	PASS		
11AC20SISO	Ant1	5180	16	13.88	97.93	0.09	13.97	≤23.98	3.10	17.07	---	PASS
		5220	16	13.97	97.93	0.09	14.06	≤23.98	3.10	17.16	---	PASS
		5240	16	14.00	97.93	0.09	14.09	≤23.98	3.10	17.19	---	PASS
		5260	16	14.13	97.93	0.09	14.22	≤23.98	3.20	17.42	≤26.99	PASS
		5300	16	14.21	97.93	0.09	14.30	≤23.98	3.20	17.5	≤26.99	PASS
		5320	16	14.48	97.93	0.09	14.57	≤23.98	3.20	17.77	≤26.99	PASS





		5500	16	14.65	97.93	0.09	14.74	≤23.98	3.20	17.94	≤26.99	PASS
		5580	16	14.86	97.93	0.09	14.95	≤23.98	3.20	18.15	≤26.99	PASS
		5700	16	14.91	97.93	0.09	15.00	≤23.98	3.20	18.2	≤26.99	PASS
		5745	16	15.04	97.93	0.09	15.13	≤30.00	3.10	18.23	---	PASS
		5785	16	14.98	97.93	0.09	15.07	≤30.00	3.10	18.17	---	PASS
		5825	16	14.67	97.93	0.09	14.76	≤30.00	3.10	17.86	---	PASS
11AC40SISO	Ant1	5190	16	14.83	95.88	0.18	15.01	≤23.98	3.10	18.11	---	PASS
		5230	16	14.97	95.88	0.18	15.15	≤23.98	3.10	18.25	---	PASS
		5270	16	14.96	95.88	0.18	15.14	≤23.98	3.20	18.34	≤26.99	PASS
		5310	16	15.01	95.88	0.18	15.19	≤23.98	3.20	18.39	≤26.99	PASS
		5510	16	14.98	95.88	0.18	15.16	≤23.98	3.20	18.36	≤26.99	PASS
		5550	16	15.61	95.88	0.18	15.79	≤23.98	3.20	18.99	≤26.99	PASS
		5670	16	15.62	95.88	0.18	15.80	≤23.98	3.20	19	≤26.99	PASS
		5755	16	15.71	95.88	0.18	15.89	≤30.00	3.10	18.99	---	PASS
5795	16	15.45	95.88	0.18	15.63	≤30.00	3.10	18.73	---	PASS		
11AC80SISO	Ant1	5210	16	14.15	93.88	0.27	14.42	≤23.98	3.10	17.52	---	PASS
		5290	16	14.89	93.88	0.27	15.16	≤23.98	3.20	18.36	≤26.99	PASS
		5530	16	15.35	93.88	0.27	15.62	≤23.98	3.20	18.82	≤26.99	PASS
		5610	16	15.67	93.88	0.27	15.94	≤23.98	3.20	19.14	≤26.99	PASS
		5775	16	15.56	93.88	0.27	15.83	≤30.00	3.10	18.93	---	PASS

Note: The Duty Cycle Factor is compensated in the graph.



### Maximum power spectral density

#### Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	3.81	≤11.00	PASS
		5220	4.19	≤11.00	PASS
		5240	3.74	≤11.00	PASS
		5260	3.86	≤11.00	PASS
		5300	3.91	≤11.00	PASS
		5320	4.02	≤11.00	PASS
		5500	4.7	≤11.00	PASS
		5580	4.81	≤11.00	PASS
		5700	4.59	≤11.00	PASS
		5745	1.8	≤30.00	PASS
		5785	1.69	≤30.00	PASS
		5825	1.71	≤30.00	PASS
11N20SISO	Ant1	5180	2.58	≤11.00	PASS
		5220	2.44	≤11.00	PASS
		5240	2.5	≤11.00	PASS
		5260	2.72	≤11.00	PASS
		5300	2.59	≤11.00	PASS
		5320	3.11	≤11.00	PASS
		5500	3	≤11.00	PASS
		5580	3.72	≤11.00	PASS
		5700	3.46	≤11.00	PASS
		5745	0.64	≤30.00	PASS
		5785	0.35	≤30.00	PASS
		5825	0.12	≤30.00	PASS
11N40SISO	Ant1	5190	0.43	≤11.00	PASS
		5230	0.61	≤11.00	PASS
		5270	0.39	≤11.00	PASS
		5310	0.28	≤11.00	PASS
		5510	1.27	≤11.00	PASS
		5550	1.08	≤11.00	PASS
		5670	1.15	≤11.00	PASS
		5755	-1.83	≤30.00	PASS
		5795	-2.26	≤30.00	PASS
11AC80SISO	Ant1	5210	-2.68	≤11.00	PASS
		5290	-2.5	≤11.00	PASS
		5530	-2.05	≤11.00	PASS
		5610	-1.65	≤11.00	PASS
		5775	-5.16	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.  
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

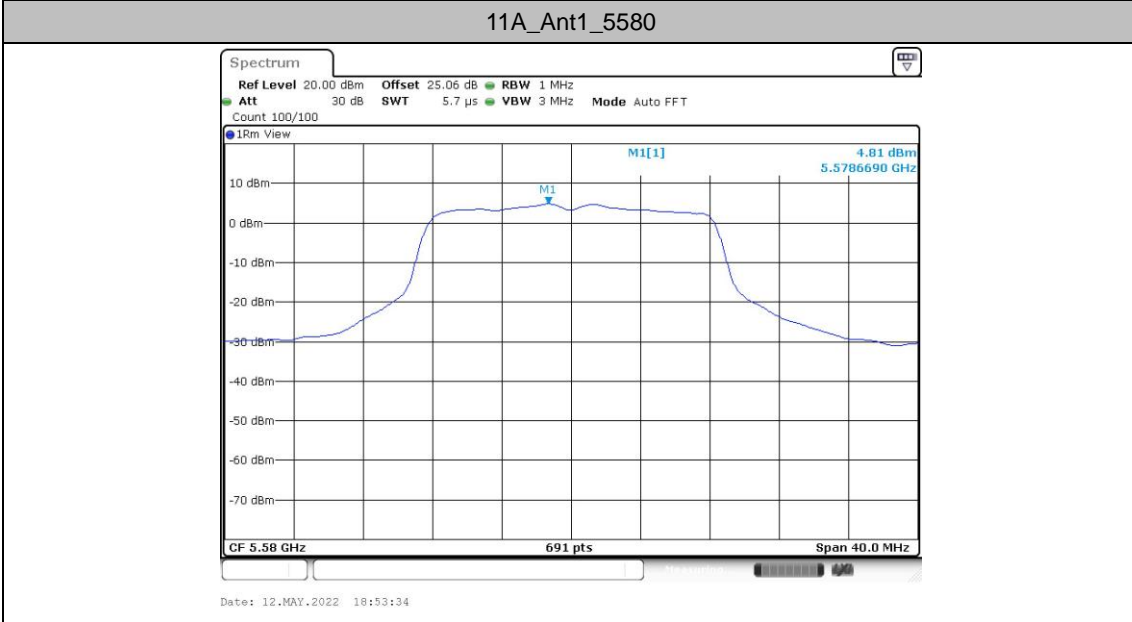
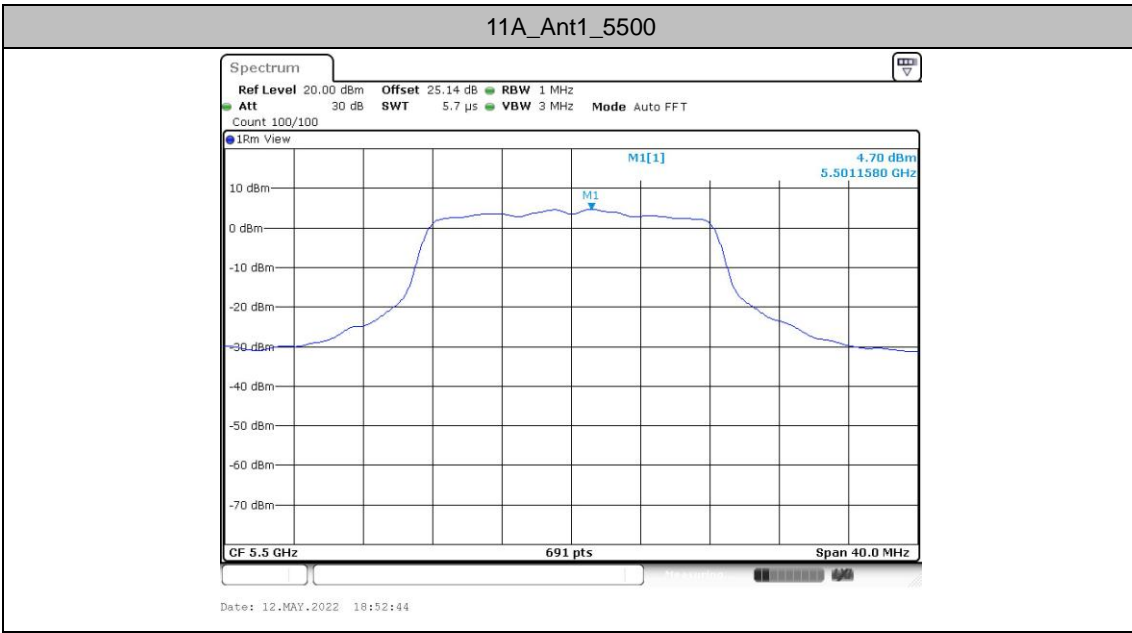


Test Graphs





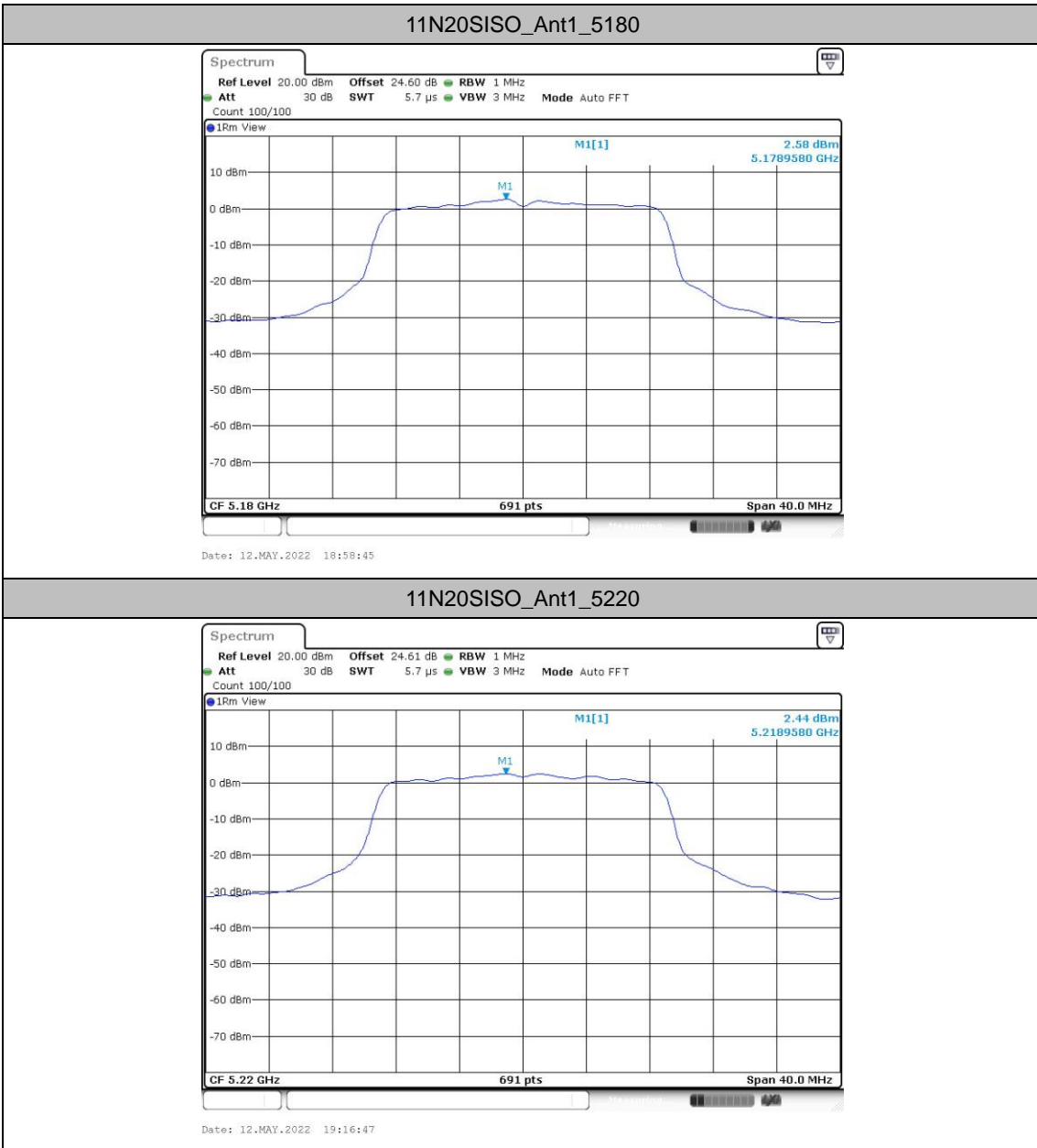




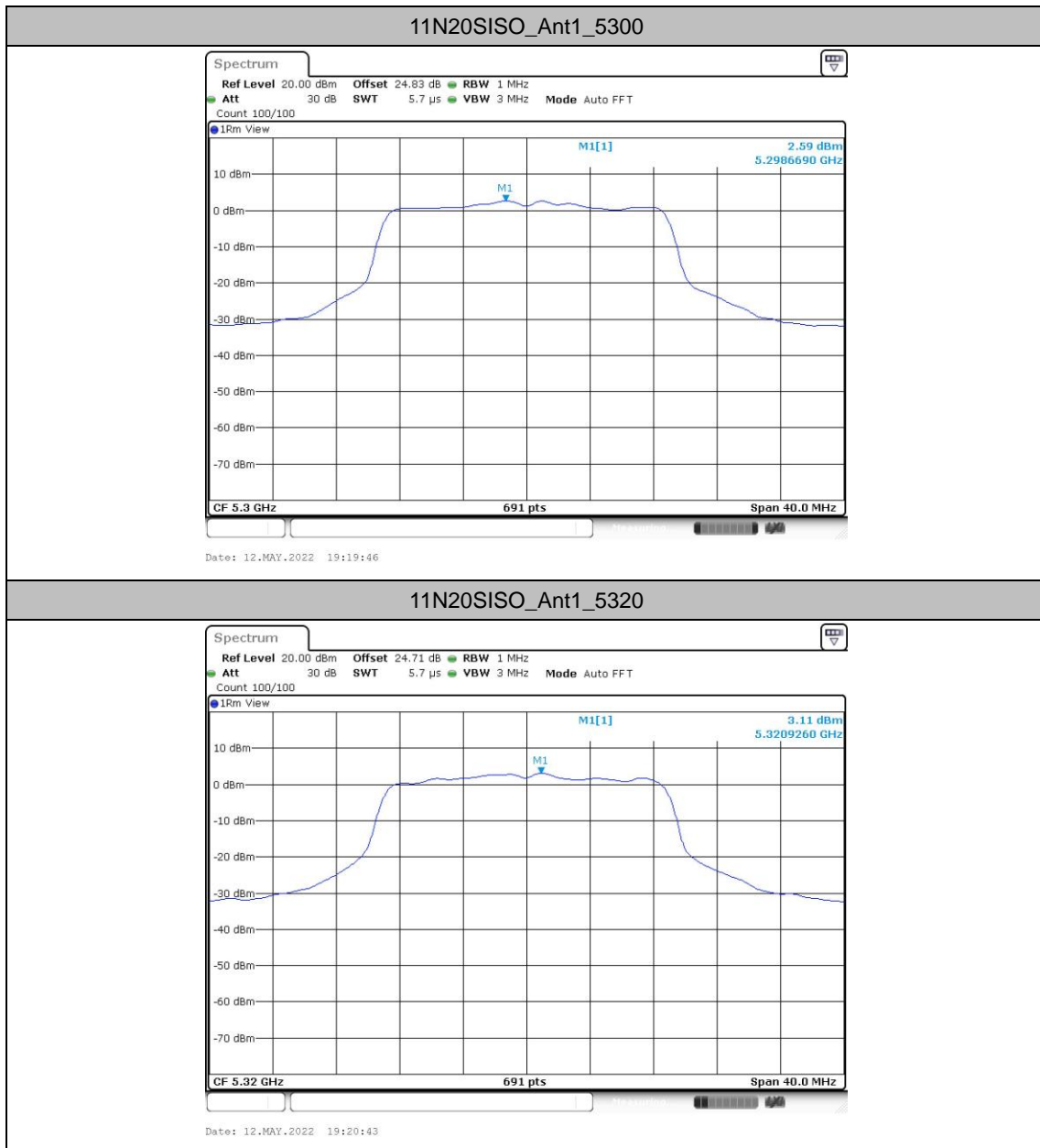


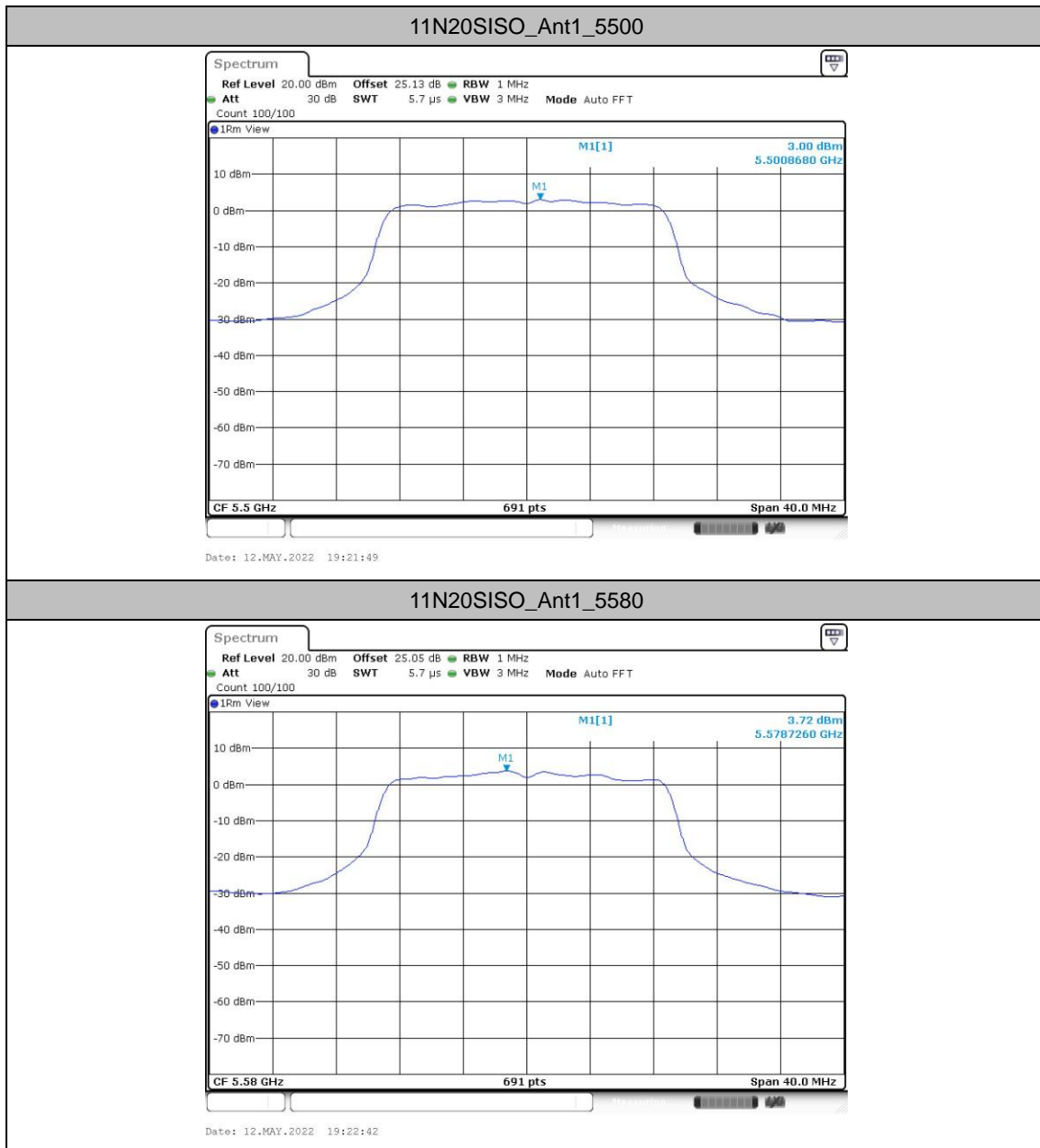


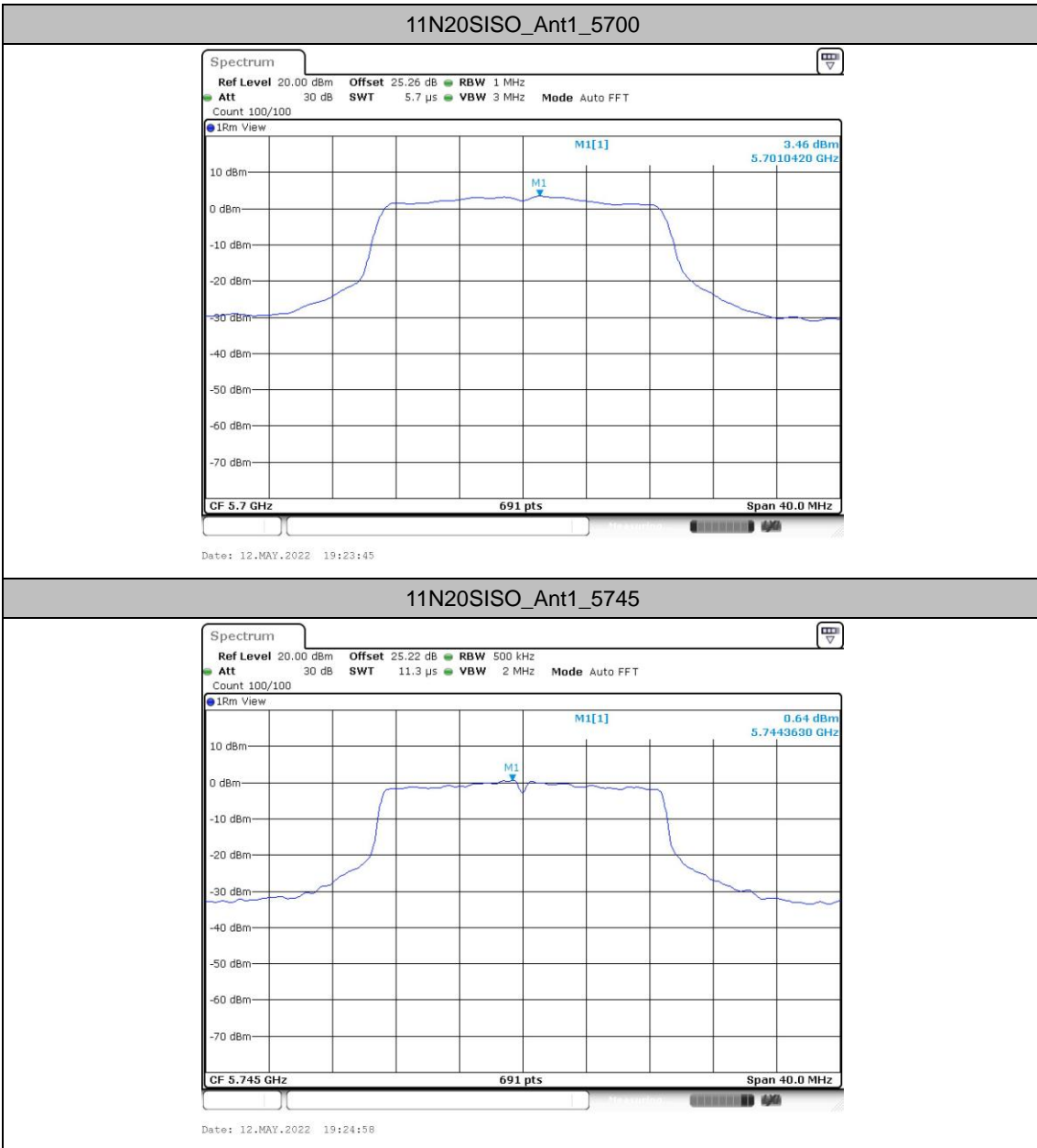


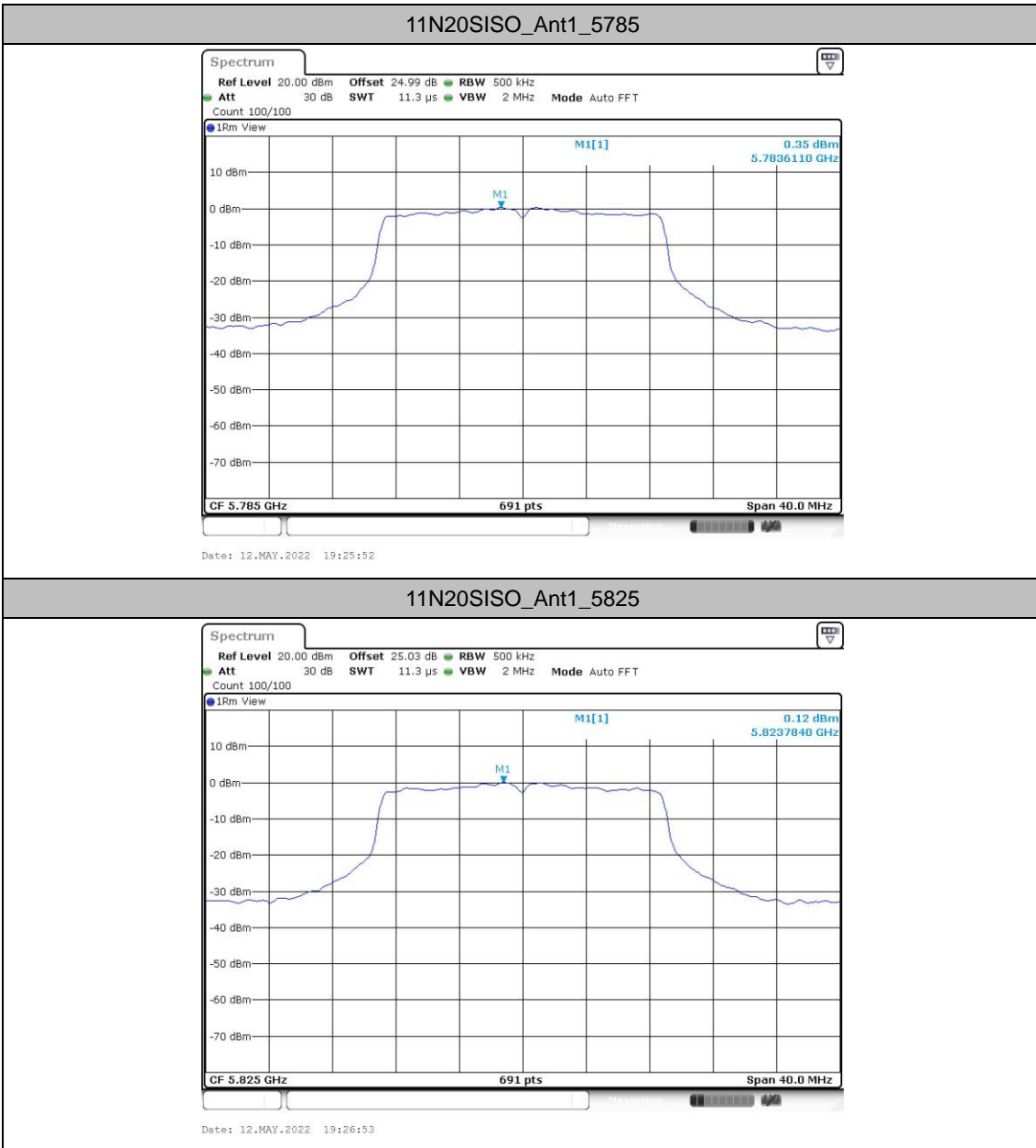




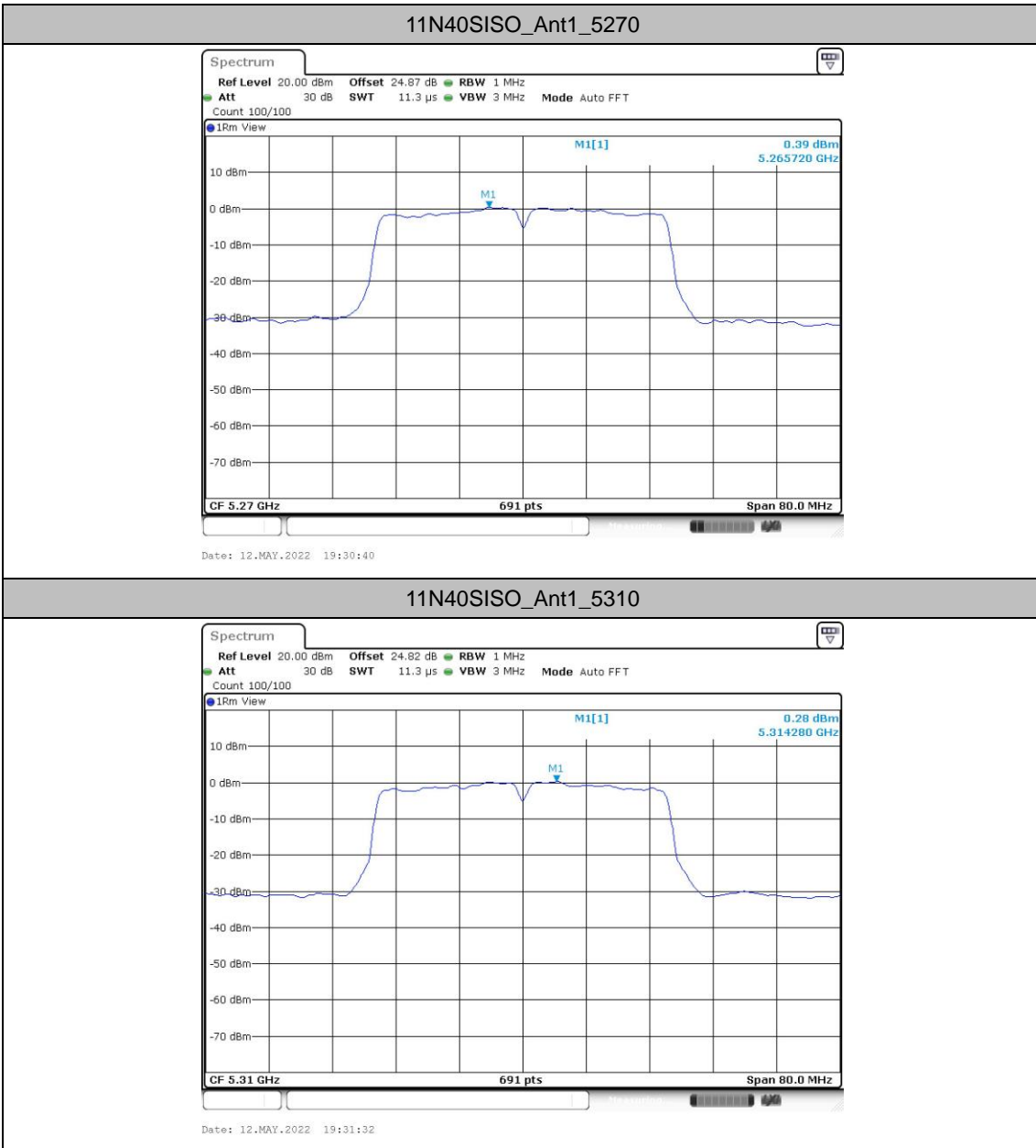




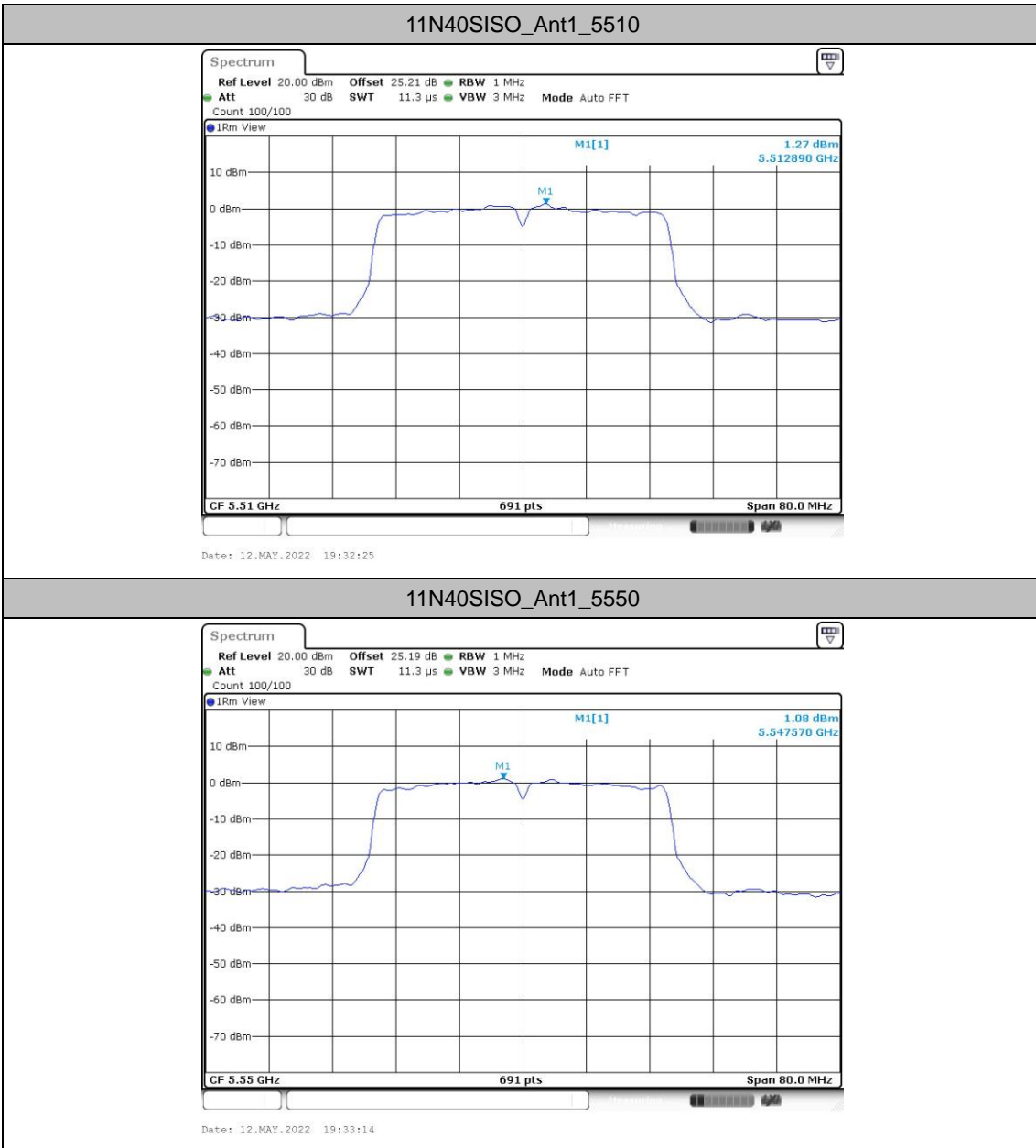


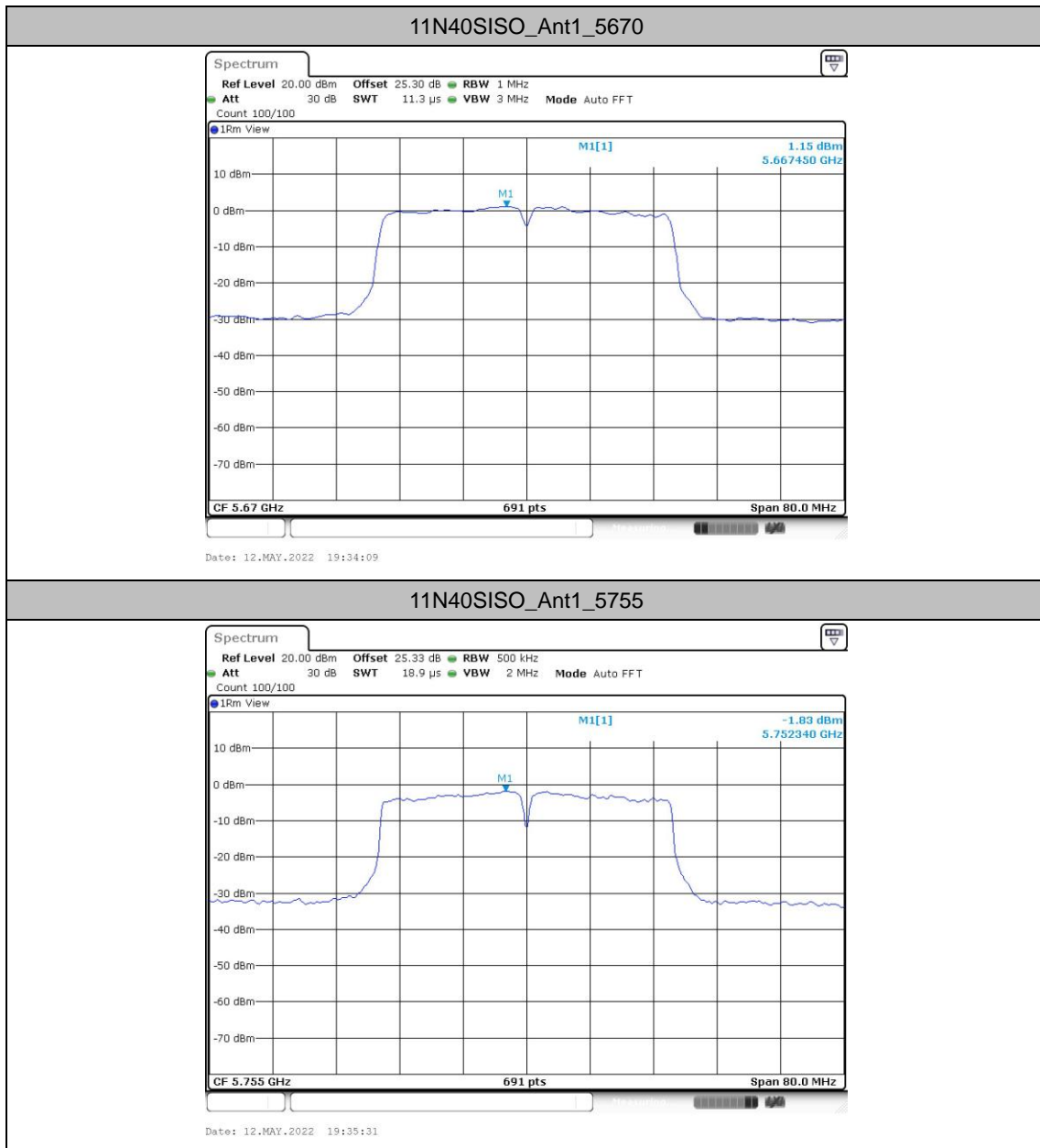


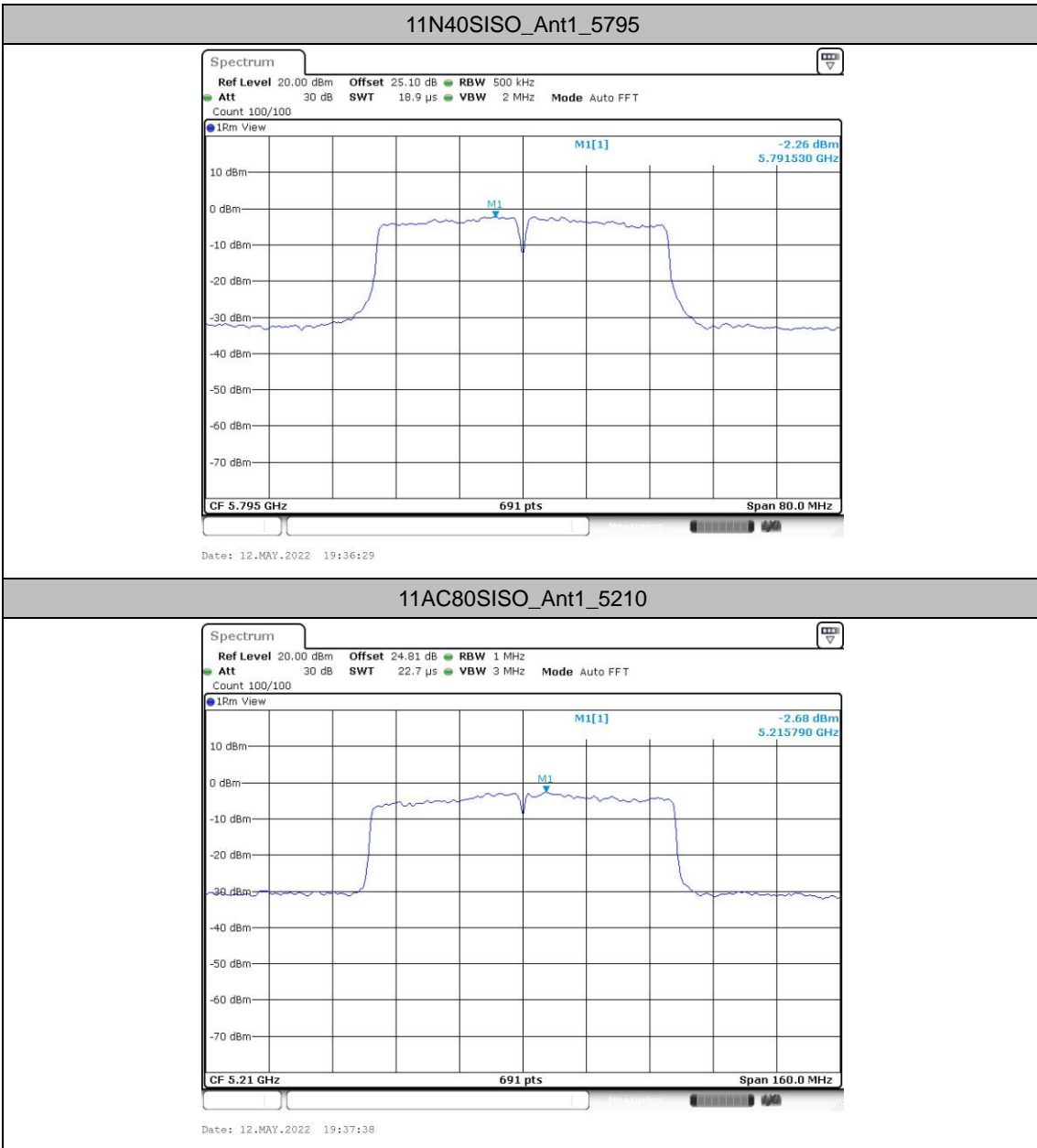






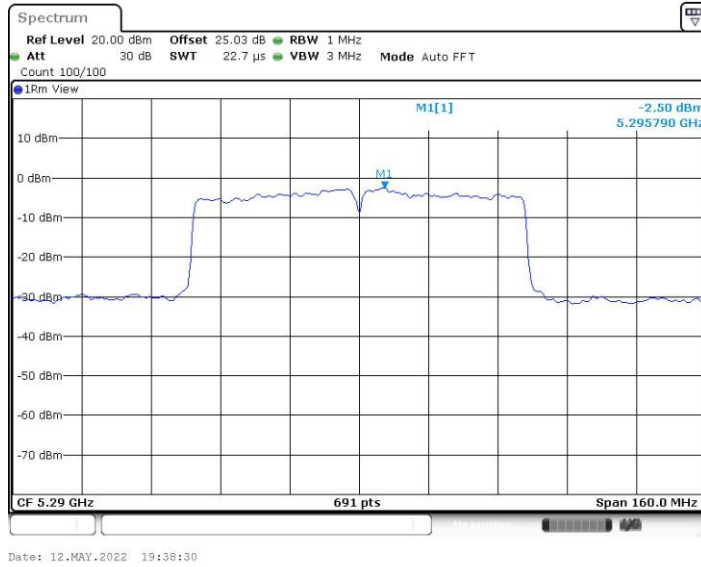




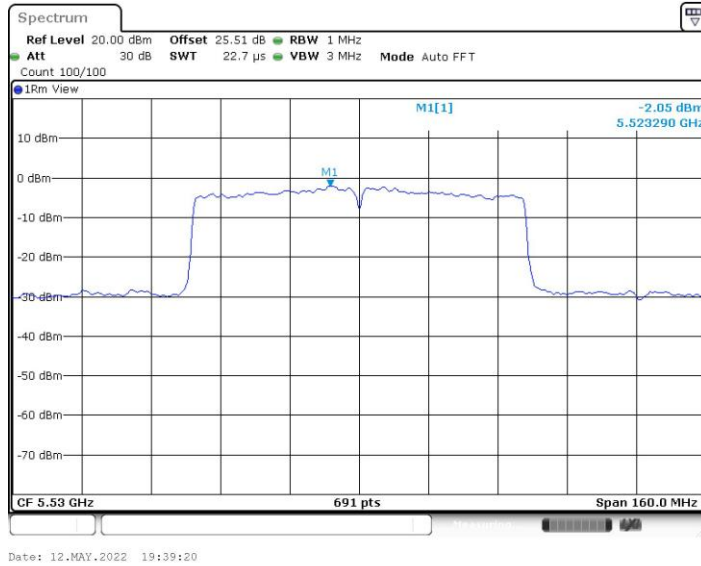


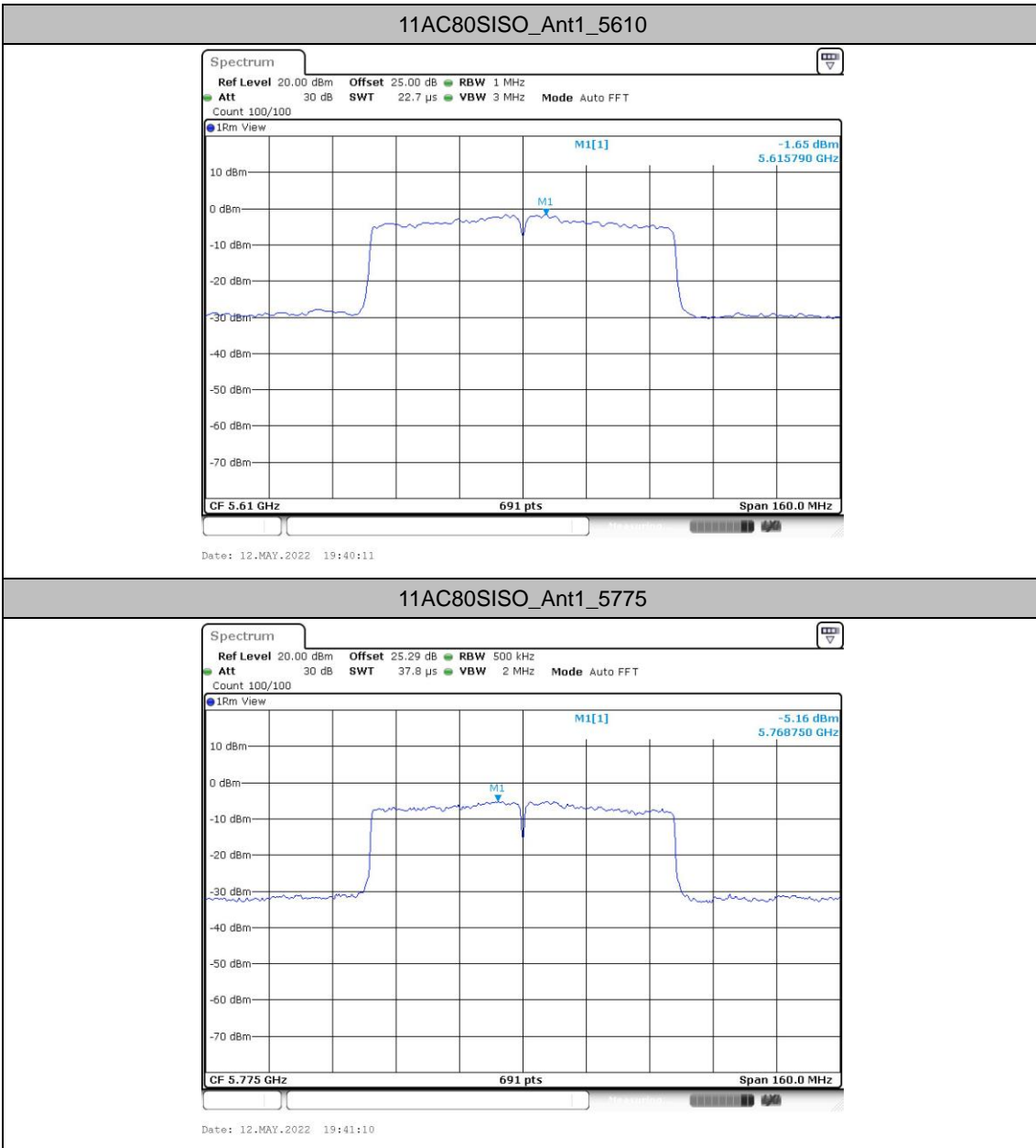


11AC80SISO\_Ant1\_5290



11AC80SISO\_Ant1\_5530

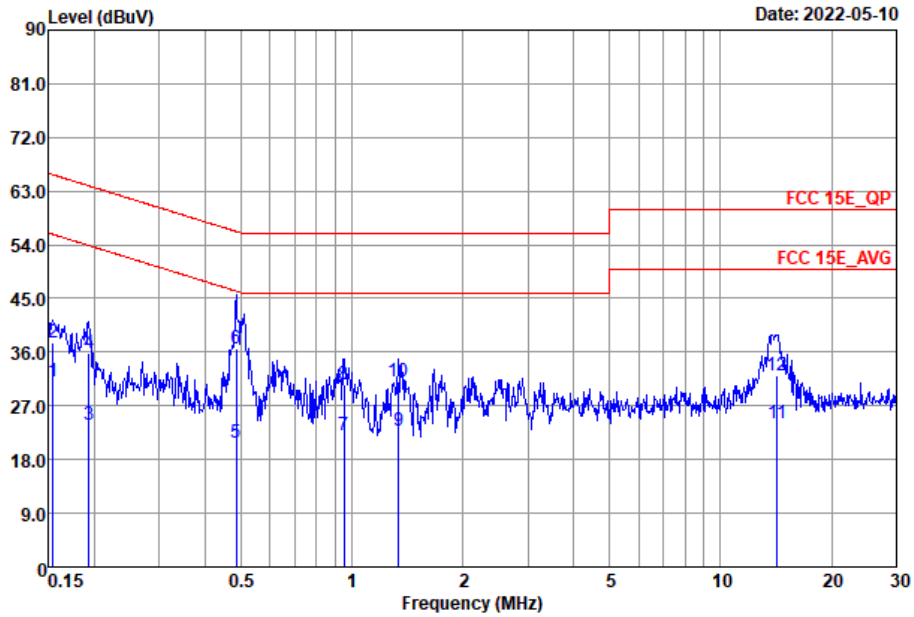






## Appendix B. AC Conducted Emission Test Results

Test Engineer :	Zhang Xu	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

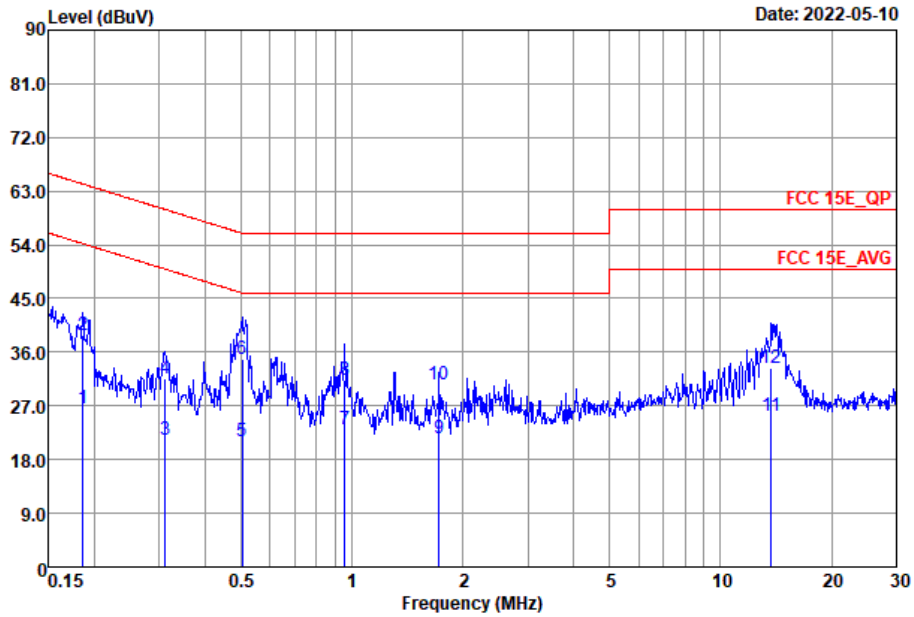


Site : CO02-SZ  
 Condition : FCC 15E QP LISN 2022 L

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	31.14	-24.60	55.74	11.50	9.61	10.03	Average
2	0.15	37.64	-28.10	65.74	18.00	9.61	10.03	QP
3	0.19	23.75	-30.14	53.89	4.10	9.63	10.02	Average
4	0.19	35.75	-28.14	63.89	16.10	9.63	10.02	QP
5	0.49	20.89	-25.34	46.23	1.20	9.65	10.04	Average
6 *	0.49	36.69	-19.54	56.23	17.00	9.65	10.04	QP
7	0.95	22.00	-24.00	46.00	2.19	9.75	10.06	Average
8	0.95	30.60	-25.40	56.00	10.79	9.75	10.06	QP
9	1.34	22.91	-23.09	46.00	3.09	9.76	10.06	Average
10	1.34	31.11	-24.89	56.00	11.29	9.76	10.06	QP
11	14.21	24.01	-25.99	50.00	3.81	9.96	10.24	Average
12	14.21	32.01	-27.99	60.00	11.81	9.96	10.24	QP



Test Engineer :	Zhang Xu	Temperature :	22~25°C
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO02-SZ  
Condition : FCC 15E QP LISN 2022 N

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.19	26.65	-27.55	54.20	7.01	9.62	10.02	Average
2	0.19	38.85	-25.35	64.20	19.21	9.62	10.02	QP
3	0.31	21.27	-28.66	49.93	1.60	9.65	10.02	Average
4	0.31	31.67	-28.26	59.93	12.00	9.65	10.02	QP
5	0.50	21.15	-24.85	46.00	1.50	9.61	10.04	Average
6 *	0.50	34.85	-21.15	56.00	15.20	9.61	10.04	QP
7	0.96	23.08	-22.92	46.00	3.40	9.62	10.06	Average
8	0.96	31.28	-24.72	56.00	11.60	9.62	10.06	QP
9	1.73	21.57	-24.43	46.00	1.90	9.62	10.05	Average
10	1.73	30.47	-25.53	56.00	10.80	9.62	10.05	QP
11	13.70	25.39	-24.61	50.00	5.30	9.85	10.24	Average
12	13.70	33.29	-26.71	60.00	13.20	9.85	10.24	QP

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



# Appendix C. Radiated Spurious Emission

## Band 1 - 5150~5250MHz WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 36 5180MHz		5148.72	51.53	-22.47	74	42.71	34.19	7.48	32.85	100	336	P	H
		5150	40.87	-13.13	54	32.04	34.2	7.48	32.85	100	336	A	H
	*	5180	106.72	-	-	97.82	34.26	7.53	32.89	100	336	P	H
		5180	98.48	-	-	89.58	34.26	7.53	32.89	100	336	A	H
		5025.48	51.01	-22.99	74	42.46	33.9	7.29	32.64	393	83	P	V
		5150	40.03	-13.97	54	31.2	34.2	7.48	32.85	393	83	A	V
	*	5180	104.31	-	-	95.41	34.26	7.53	32.89	393	83	P	V
		5180	97.59	-	-	88.69	34.26	7.53	32.89	393	83	A	V
802.11a CH 44 5220MHz		5090.22	49.97	-24.03	74	41.35	33.98	7.41	32.77	100	337	P	H
		5150	38.44	-15.56	54	29.61	34.2	7.48	32.85	100	337	A	H
	*	5220	106.01	-	-	97.08	34.34	7.57	32.98	100	337	P	H
		5220	98.57	-	-	89.64	34.34	7.57	32.98	100	337	A	H
		5433.84	49.26	-24.74	74	40.29	34.5	7.79	33.32	100	337	P	H
		5438.88	36.9	-17.1	54	27.93	34.5	7.79	33.32	100	337	A	H
		5081.38	50.02	-23.98	74	41.41	33.96	7.38	32.73	385	81	P	V
		5043.42	38	-16	54	29.46	33.9	7.32	32.68	385	81	A	V
	*	5220	104.71	-	-	95.78	34.34	7.57	32.98	385	81	P	V
		5220	97.41	-	-	88.48	34.34	7.57	32.98	385	81	A	V
		5445.12	48.3	-25.7	74	39.33	34.5	7.79	33.32	385	81	P	V
		5442.48	36.89	-17.11	54	27.92	34.5	7.79	33.32	385	81	A	V





802.11a CH 48 5240MHz		5068.38	50	-24	74	41.44	33.94	7.35	32.73	109	316	P	H
		5004.94	37.78	-16.22	54	29.22	33.9	7.26	32.6	109	316	A	H
	*	5240	106.57	-	-	97.58	34.38	7.59	32.98	109	316	P	H
		5240	98.75	-	-	89.76	34.38	7.59	32.98	109	316	A	H
		5409.6	48.55	-25.45	74	39.61	34.5	7.71	33.27	109	316	P	H
		5438.64	36.82	-17.18	54	27.85	34.5	7.79	33.32	109	316	A	H
		5129.74	50.1	-23.9	74	41.33	34.12	7.46	32.81	346	144	P	V
		5000	37.82	-16.18	54	29.29	33.9	7.23	32.6	346	144	A	V
	*	5240	103.01	-	-	94.02	34.38	7.59	32.98	346	144	P	V
		5240	95.88	-	-	86.89	34.38	7.59	32.98	346	144	A	V
		5456.16	48.59	-25.41	74	39.61	34.5	7.84	33.36	346	144	P	V
		5444.16	36.71	-17.29	54	27.74	34.5	7.79	33.32	346	144	A	V
Remark	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 1 5150~5250MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 36 5180MHz	1	6907	57.49	-10.81	68.3	67.39	35.48	8.75	54.13	-	-	P	H
		10360	47.48	-20.82	68.3	52.67	37.19	10.8	53.18	-	-	P	H
		15540	49.25	-24.75	74	49.94	40.03	13.67	54.39	-	-	P	H
		6907	51.19	-17.11	68.3	61.09	35.48	8.75	54.13	-	-	P	V
		10360	46.61	-21.69	68.3	51.8	37.19	10.8	53.18	-	-	P	V
		15540	48.7	-25.3	74	49.39	40.03	13.67	54.39	-	-	P	V
		6962	50.23	-18.07	68.3	60.26	35.49	8.72	54.24	-	-	P	H
		10440	46.61	-21.69	68.3	51.79	37.25	10.84	53.27	-	-	P	H
		15660	50.97	-23.03	74	51.63	40.13	13.76	54.55	-	-	P	H
		6962	50.36	-17.94	68.3	60.39	35.49	8.72	54.24	-	-	P	V
		10440	46.8	-21.5	68.3	51.98	37.25	10.84	53.27	-	-	P	V
		15660	51.5	-22.5	74	52.16	40.13	13.76	54.55	-	-	P	V
802.11a		6984	54.13	-14.17	68.3	43.52	35.5	8.72	33.61	-	-	P	H



<b>CH 48</b> <b>5240MHz</b>		10480	46.66	-21.64	68.3	51.85	37.28	10.87	53.34	-	-	P	H
		15720	48.89	-25.11	74	49.54	40.18	13.81	54.64	-	-	P	H
		6984	50.11	-18.19	68.3	60.16	35.5	8.72	54.27	-	-	P	V
		10480	47.58	-20.72	68.3	52.77	37.28	10.87	53.34	-	-	P	V
		15720	49.64	-24.36	74	50.29	40.18	13.81	54.64	-	-	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11n</b> <b>HT20</b> <b>CH 36</b> <b>5180MHz</b>		5143.52	50.86	-23.14	74	42.06	34.17	7.48	32.85	100	333	P	H
		5150	39.31	-14.69	54	30.48	34.2	7.48	32.85	100	333	A	H
	*	5180	104.7	-	-	95.8	34.26	7.53	32.89	100	333	P	H
		5180	97.09	-	-	88.19	34.26	7.53	32.89	100	333	A	H
		5148.72	50.55	-23.45	74	41.73	34.19	7.48	32.85	389	118	P	V
		5150	38.98	-15.02	54	30.15	34.2	7.48	32.85	389	118	A	V
	*	5180	103.14	-	-	94.24	34.26	7.53	32.89	389	118	P	V
<b>802.11n</b> <b>HT20</b> <b>CH 44</b> <b>5220MHz</b>		5180	95.89	-	-	86.99	34.26	7.53	32.89	389	118	A	V
		5070.2	49.75	-24.25	74	41.19	33.94	7.35	32.73	100	338	P	H
		5150	38.01	-15.99	54	29.18	34.2	7.48	32.85	100	338	A	H
	*	5220	105.24	-	-	96.31	34.34	7.57	32.98	100	338	P	H
		5220	98.31	-	-	89.38	34.34	7.57	32.98	100	338	A	H
		5456.4	48.85	-25.15	74	39.87	34.5	7.84	33.36	100	338	P	H
		5442.24	36.83	-17.17	54	27.86	34.5	7.79	33.32	100	338	A	H
		5032.76	50.63	-23.37	74	42.08	33.9	7.29	32.64	382	113	P	V
		5004.42	37.88	-16.12	54	29.32	33.9	7.26	32.6	382	113	A	V
	*	5220	101.88	-	-	92.95	34.34	7.57	32.98	382	113	P	V
	5220	93.75	-	-	84.82	34.34	7.57	32.98	382	113	A	V	
	5366.88	48.95	-25.05	74	39.95	34.5	7.69	33.19	382	113	P	V	
	5441.04	36.76	-17.24	54	27.79	34.5	7.79	33.32	382	113	A	V	



802.11n HT20 CH 48 5240MHz		5049.92	49.68	-24.32	74	41.14	33.9	7.32	32.68	122	335	P	H
		5042.38	37.97	-16.03	54	29.43	33.9	7.32	32.68	122	335	A	H
	*	5240	104.35	-	-	95.36	34.38	7.59	32.98	122	335	P	H
		5240	97.68	-	-	88.69	34.38	7.59	32.98	122	335	A	H
		5417.52	48	-26	74	39.02	34.5	7.75	33.27	122	335	P	H
		5441.04	36.85	-17.15	54	27.88	34.5	7.79	33.32	122	335	A	H
		5096.2	50.07	-23.93	74	41.44	33.99	7.41	32.77	378	95	P	V
		5008.58	37.88	-16.12	54	29.32	33.9	7.26	32.6	378	95	A	V
	*	5240	100.59	-	-	91.6	34.38	7.59	32.98	378	95	P	V
		5240	93.33	-	-	84.34	34.38	7.59	32.98	378	95	A	V
		5438.88	48.62	-25.38	74	39.65	34.5	7.79	33.32	378	95	P	V
		5439.12	36.76	-17.24	54	27.79	34.5	7.79	33.32	378	95	A	V
Remark	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 1 5150~5250MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 36 5180MHz		6907	58.05	-10.25	68.3	47.44	35.48	8.75	33.62	-	-	P	H
		10360	47.32	-20.98	68.3	52.51	37.19	10.8	53.18	-	-	P	H
		15540	48.41	-25.59	74	49.1	40.03	13.67	54.39	-	-	P	H
		6907	52.16	-16.14	68.3	62.06	35.48	8.75	54.13	-	-	P	V
		10360	47.43	-20.87	68.3	52.62	37.19	10.8	53.18	-	-	P	V
		15540	48.3	-25.7	74	48.99	40.03	13.67	54.39	-	-	P	V
802.11n HT20 CH 44 5220MHz		6962	56.18	-12.12	68.3	66.21	35.49	8.72	54.24	-	-	P	H
		10440	47.49	-20.81	68.3	52.67	37.25	10.84	53.27	-	-	P	H
		15660	49.48	-24.52	74	50.14	40.13	13.76	54.55	-	-	P	H
		6962	52.16	-16.14	68.3	62.19	35.49	8.72	54.24	-	-	P	V
		10440	47.14	-21.16	68.3	52.32	37.25	10.84	53.27	-	-	P	V
	15660	50	-24	74	50.66	40.13	13.76	54.55	-	-	P	V	
802.11n		6984	57.06	-11.24	68.3	46.45	35.5	8.72	33.61	-	-	P	H



5240MHz	HT20	10480	45.57	-22.73	68.3	50.76	37.28	10.87	53.34	-	-	P	H
	CH 48	15720	48.99	-25.01	74	49.64	40.18	13.81	54.64	-	-	P	H
		6989.5	51.15	-17.15	68.3	61.2	35.5	8.72	54.27	-	-	P	V
		10480	45.94	-22.36	68.3	51.13	37.28	10.87	53.34	-	-	P	V
		15720	49.64	-24.36	74	50.29	40.18	13.81	54.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.98	58.68	-15.32	74	49.85	34.2	7.48	32.85	100	334	P	H
		5150	48.78	-5.22	54	39.95	34.2	7.48	32.85	100	334	A	H
	*	5190	102.5	-	-	93.58	34.28	7.53	32.89	100	334	P	H
		5190	94.37	-	-	85.45	34.28	7.53	32.89	100	334	A	H
		5400.36	49.23	-24.77	74	40.25	34.5	7.71	33.23	100	334	P	H
		5443.48	38.61	-15.39	54	29.64	34.5	7.79	33.32	100	334	A	H
		5149.76	58.45	-15.55	74	49.62	34.2	7.48	32.85	393	86	P	V
		5150	47.28	-6.72	54	38.45	34.2	7.48	32.85	393	86	A	V
	*	5190	101.52	-	-	92.6	34.28	7.53	32.89	393	86	P	V
		5190	93.93	-	-	85.01	34.28	7.53	32.89	393	86	A	V
802.11n HT40 CH 46 5230MHz		5410.72	49.57	-24.43	74	40.63	34.5	7.71	33.27	393	86	P	V
		5443.76	38.48	-15.52	54	29.51	34.5	7.79	33.32	393	86	A	V
		5135.98	51.01	-22.99	74	42.22	34.14	7.46	32.81	110	340	P	H
		5144.56	39.91	-14.09	54	31.1	34.18	7.48	32.85	110	340	A	H
	*	5230	102.38	-	-	93.41	34.36	7.59	32.98	110	340	P	H
		5230	94.02	-	-	85.05	34.36	7.59	32.98	110	340	A	H
		5455.44	49.16	-24.84	74	40.18	34.5	7.84	33.36	110	340	P	H
		5445.12	38.65	-15.35	54	29.68	34.5	7.79	33.32	110	340	A	H
	5101.14	50.29	-23.71	74	41.65	34	7.41	32.77	389	94	P	V	
	5050.7	39.71	-14.29	54	31.17	33.9	7.32	32.68	389	94	A	V	
*	5230	101.83	-	-	92.86	34.36	7.59	32.98	389	94	P	V	



		5230	94.33	-	-	85.36	34.36	7.59	32.98	389	94	A	V
		5444.88	49.07	-24.93	74	40.1	34.5	7.79	33.32	389	94	P	V
		5444.16	38.88	-15.12	54	29.91	34.5	7.79	33.32	389	94	A	V
<b>Remark</b>	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 1 5150~5250MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		6918	56.55	-11.75	68.3	66.49	35.48	8.74	54.16	-	-	P	H
		10380	46.97	-21.33	68.3	52.17	37.2	10.81	53.21	-	-	P	H
		15570	49.25	-24.75	74	49.93	40.06	13.7	54.44	-	-	P	H
		6918	49.23	-19.07	68.3	59.17	35.48	8.74	54.16	-	-	P	V
		10380	47.22	-21.08	68.3	52.42	37.2	10.81	53.21	-	-	P	V
		15570	49.63	-24.37	74	50.31	40.06	13.7	54.44	-	-	P	V
802.11n HT40 CH 46 5230MHz		6973	54.17	-14.13	68.3	64.2	35.49	8.72	54.24	-	-	P	H
		10460	47.31	-20.99	68.3	52.48	37.27	10.85	53.29	-	-	P	H
		15690	50.22	-23.78	74	50.88	40.15	13.79	54.6	-	-	P	H
		6973	49.27	-19.03	68.3	59.3	35.49	8.72	54.24	-	-	P	V
		10460	46.83	-21.47	68.3	52	37.27	10.85	53.29	-	-	P	V
		15690	49.3	-24.7	74	49.96	40.15	13.79	54.6	-	-	P	V
<b>Remark</b>	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												



**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 42 5210MHz		5148.46	61.05	-12.95	74	52.23	34.19	7.48	32.85	108	347	P	H
		5146.12	49.87	-4.13	54	41.06	34.18	7.48	32.85	108	347	A	H
	*	5210	97.72	-	-	88.77	34.32	7.57	32.94	108	347	P	H
		5210	90.29	-	-	81.34	34.32	7.57	32.94	108	347	A	H
		5353.44	49.65	-24.35	74	40.66	34.5	7.68	33.19	108	347	P	H
		5440.56	38.64	-15.36	54	29.67	34.5	7.79	33.32	108	347	A	H
		5148.46	60.21	-13.79	74	51.39	34.19	7.48	32.85	387	90	P	V
		5150	47.21	-6.79	54	38.38	34.2	7.48	32.85	387	90	A	V
		5210	98.02	-	68.3	89.07	34.32	7.57	32.94	387	90	P	V
		5210	90.32	-	-	81.37	34.32	7.57	32.94	387	90	A	V
		5376.48	49.79	-24.21	74	40.83	34.5	7.69	33.23	387	90	P	V
	5350.8	38.76	-15.24	54	29.77	34.5	7.68	33.19	387	90	A	V	
Remark	<p align="center">1. No other spurious found. 2. All results are PASS against Peak and Average limit line.</p>												

**Band 1 5150~5250MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 42 5210MHz		6946.5	56.83	-11.47	68.3	66.82	35.49	8.73	54.21	-	-	P	H
		10420	45.72	-22.58	68.3	50.9	37.24	10.83	53.25	-	-	P	H
		15630	49.19	-24.81	74	49.87	40.1	13.75	54.53	-	-	P	H
		6945.5	50.44	-17.86	68.3	60.43	35.49	8.73	54.21	-	-	P	V
		10420	46.02	-22.28	68.3	51.2	37.24	10.83	53.25	-	-	P	V
		15630	48.9	-25.1	74	49.58	40.1	13.75	54.53	-	-	P	V
Remark	<p align="center">1. No other spurious found. 2. All results are PASS against Peak and Average limit line.</p>												



**Band 2 - 5250~5350MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5054.6	50.39	-23.61	74	41.81	33.91	7.35	32.68	104	342	P	H
		5002.6	37.92	-16.08	54	29.39	33.9	7.23	32.6	104	342	A	H
	*	5260	106.67	-	-	97.67	34.4	7.62	33.02	104	342	P	H
		5260	99.67	-	-	90.67	34.4	7.62	33.02	104	342	A	H
		5423.04	47.57	-26.43	74	38.59	34.5	7.75	33.27	104	342	P	H
		5443.2	36.87	-17.13	54	27.9	34.5	7.79	33.32	104	342	A	H
		5035.36	49.69	-24.31	74	41.14	33.9	7.29	32.64	378	81	P	V
		5036.66	37.95	-16.05	54	29.4	33.9	7.29	32.64	378	81	A	V
	*	5260	105.15	-	-	96.15	34.4	7.62	33.02	378	81	P	V
		5260	97.19	-	-	88.19	34.4	7.62	33.02	378	81	A	V
		5440.56	48.11	-25.89	74	39.14	34.5	7.79	33.32	378	81	P	V
		5442.24	36.8	-17.2	54	27.83	34.5	7.79	33.32	378	81	A	V
802.11a CH 60 5300MHz		5068.25	50.55	-23.45	74	41.99	33.94	7.35	32.73	104	318	P	H
		5039.2	37.94	-16.06	54	29.4	33.9	7.32	32.68	104	318	A	H
	*	5300	104.69	-	-	95.75	34.4	7.65	33.11	104	318	P	H
		5300	96.58	-	-	87.64	34.4	7.65	33.11	104	318	A	H
		5366.16	48.64	-25.36	74	39.64	34.5	7.69	33.19	104	318	P	H
		5357.76	37.74	-16.26	54	28.75	34.5	7.68	33.19	104	318	A	H
		5097.3	49.01	-24.99	74	40.38	33.99	7.41	32.77	397	86	P	V
		5004.2	37.95	-16.05	54	29.39	33.9	7.26	32.6	397	86	A	V
	*	5300	106.16	-	-	97.22	34.4	7.65	33.11	397	86	P	V
		5300	98.7	-	-	89.76	34.4	7.65	33.11	397	86	A	V
		5442.24	48.31	-25.69	74	39.34	34.5	7.79	33.32	397	86	P	V
		5435.52	36.9	-17.1	54	27.93	34.5	7.79	33.32	397	86	A	V



<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	106.41	-	-	97.42	34.44	7.66	33.11	100	318	P	H
		5320	99.14	-	-	90.15	34.44	7.66	33.11	100	318	A	H
		5350.72	51.24	-22.76	74	42.25	34.5	7.68	33.19	100	318	P	H
		5350.24	38.98	-15.02	54	29.99	34.5	7.68	33.19	100	318	A	H
	*	5320	103.26	-	-	94.27	34.44	7.66	33.11	393	86	P	V
		5320	95.18	-	-	86.19	34.44	7.66	33.11	393	86	A	V
		5361.28	49.23	-24.77	74	40.23	34.5	7.69	33.19	393	86	P	V
		5350.08	37.98	-16.02	54	28.99	34.5	7.68	33.19	393	86	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11a</b> <b>CH 52</b> <b>5260MHz</b>		7011.5	54.72	-13.58	68.3	64.81	35.5	8.7	54.29	-	-	P	H
		10520	46.35	-21.95	68.3	51.52	37.33	10.88	53.38	-	-	P	H
		15780	50.09	-23.91	74	50.73	40.22	13.85	54.71	-	-	P	H
		7011.5	50.85	-17.45	68.3	60.94	35.5	8.7	54.29	-	-	P	V
		10520	46.47	-21.83	68.3	51.64	37.33	10.88	53.38	-	-	P	V
		15780	50.13	-23.87	74	50.77	40.22	13.85	54.71	-	-	P	V
<b>802.11a</b> <b>CH 60</b> <b>5300MHz</b>		7066.5	53.65	-14.65	68.3	63.71	35.53	8.67	54.26	-	-	P	H
		10600	46	-28	74	51.12	37.44	10.93	53.49	-	-	P	H
		15900	48.68	-25.32	74	49.29	40.32	13.94	54.87	-	-	P	H
	*	7066.5	49.75	-18.55	68.3	59.81	35.53	8.67	54.26	-	-	P	V
		10600	46.57	-27.43	74	51.69	37.44	10.93	53.49	-	-	P	V
		15900	47.71	-26.29	74	48.32	40.32	13.94	54.87	-	-	P	V
<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>		7094	53.63	-14.67	68.3	63.68	35.54	8.66	54.25	-	-	P	H
		10640	46.4	-27.6	74	51.49	37.5	10.95	53.54	-	-	P	H
		15960	47.92	-26.08	74	48.52	40.37	13.99	54.96	-	-	P	H
		7094	50.84	-17.46	68.3	60.89	35.54	8.66	54.25	-	-	P	V
		10640	45.63	-28.37	74	50.72	37.5	10.95	53.54	-	-	P	V





		15960	48.18	-25.82	74	48.78	40.37	13.99	54.96	-	-	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 52 5260MHz		5093.34	50.78	-23.22	74	42.15	33.99	7.41	32.77	107	336	P	H
		5004.16	37.96	-16.04	54	29.4	33.9	7.26	32.6	107	336	A	H
	*	5260	104.96	-	-	95.96	34.4	7.62	33.02	107	336	P	H
		5260	97.59	-	-	88.59	34.4	7.62	33.02	107	336	A	H
		5447.52	47.96	-26.04	74	38.94	34.5	7.84	33.32	107	336	P	H
		5438.88	36.9	-17.1	54	27.93	34.5	7.79	33.32	107	336	A	H
		5098.54	51.39	-22.61	74	42.75	34	7.41	32.77	354	116	P	V
		5000	37.85	-16.15	54	29.32	33.9	7.23	32.6	354	116	A	V
	*	5260	100.58	-	-	91.58	34.4	7.62	33.02	354	194	P	V
		5260	92.45	-	-	83.45	34.4	7.62	33.02	354	194	A	V
		5433.12	48.81	-25.19	74	39.84	34.5	7.79	33.32	354	116	P	V
		5441.04	36.68	-17.32	54	27.71	34.5	7.79	33.32	354	116	A	V
802.11n HT20 CH 60 5300MHz		5101.5	49.38	-24.62	74	40.73	34.01	7.41	32.77	109	340	P	H
		5005.25	37.97	-16.03	54	29.41	33.9	7.26	32.6	109	340	A	H
	*	5300	105.01	-	-	96.07	34.4	7.65	33.11	109	340	P	H
		5300	97.3	-	-	88.36	34.4	7.65	33.11	109	340	A	H
		5428.56	49.1	-24.9	74	40.13	34.5	7.79	33.32	109	340	P	H
		5357.76	37.71	-16.29	54	28.72	34.5	7.68	33.19	109	340	A	H
		5045.85	50.89	-23.11	74	42.35	33.9	7.32	32.68	392	195	P	V
		5004.2	37.81	-16.19	54	29.25	33.9	7.26	32.6	392	195	A	V
	*	5300	101.77	-	-	92.83	34.4	7.65	33.11	392	195	P	V
		5300	94.13	-	-	85.19	34.4	7.65	33.11	392	195	A	V
		5458.8	49.51	-24.49	74	40.53	34.5	7.84	33.36	392	195	P	V
		5439.12	36.75	-17.25	54	27.78	34.5	7.79	33.32	392	195	A	V



802.11n HT20 CH 64 5320MHz	*	5320	105.58	-	-	96.59	34.44	7.66	33.11	104	342	P	H
		5320	98.16	-	-	89.17	34.44	7.66	33.11	104	342	A	H
		5364.48	50.73	-23.27	74	41.73	34.5	7.69	33.19	104	342	P	H
		5350.24	38.45	-15.55	54	29.46	34.5	7.68	33.19	104	342	A	H
	*	5320	100.54	-	-	91.55	34.44	7.66	33.11	367	106	P	V
		5320	92.9	-	-	83.91	34.44	7.66	33.11	367	106	A	V
		5438.24	48.55	-25.45	74	39.58	34.5	7.79	33.32	367	106	P	V
		5441.12	36.81	-17.19	54	27.84	34.5	7.79	33.32	367	106	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant.	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 52 5260MHz		7011.5	57.06	-11.24	68.3	67.15	35.5	8.7	54.29	-	-	P	H
		10520	45.54	-22.76	68.3	50.71	37.33	10.88	53.38	-	-	P	H
		15780	50.1	-23.9	74	50.74	40.22	13.85	54.71	-	-	P	H
		7011.5	52.09	-16.21	68.3	62.18	35.5	8.7	54.29	-	-	P	V
		10520	46.27	-22.03	68.3	51.44	37.33	10.88	53.38	-	-	P	V
		15780	49.86	-24.14	74	50.5	40.22	13.85	54.71	-	-	P	V
802.11n HT20 CH 60 5300MHz		7066.5	56.35	-11.95	68.3	66.41	35.53	8.67	54.26	-	-	P	H
		10600	46.92	-27.08	74	52.04	37.44	10.93	53.49	-	-	P	H
		15900	48.62	-25.38	74	49.23	40.32	13.94	54.87	-	-	P	H
		7066.5	52.45	-15.85	68.3	62.51	35.53	8.67	54.26	-	-	P	V
		10600	45.76	-28.24	74	50.88	37.44	10.93	53.49	-	-	P	V
		15900	49.24	-24.76	74	49.85	40.32	13.94	54.87	-	-	P	V
802.11n HT20 CH 64 5320MHz		7094	57.06	-11.24	68.3	67.11	35.54	8.66	54.25	-	-	P	H
		10640	46.39	-27.61	74	51.48	37.5	10.95	53.54	-	-	P	H
		15960	48.51	-25.49	74	49.11	40.37	13.99	54.96	-	-	P	H
		7094	52.13	-16.17	68.3	62.18	35.54	8.66	54.25	-	-	P	V
		10640	46.46	-27.54	74	51.55	37.5	10.95	53.54	-	-	P	V



		15960	49.03	-24.97	74	49.63	40.37	13.99	54.96	-	-	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 54 5270MHz		5002.45	50.43	-23.57	74	41.9	33.9	7.23	32.6	346	355	P	H
		5005.25	39.34	-14.66	54	30.78	33.9	7.26	32.6	346	355	A	H
	*	5270	101.36	-	-	92.36	34.4	7.62	33.02	346	355	P	H
		5270	93.68	-	-	84.68	34.4	7.62	33.02	346	355	A	H
		5377.44	49.67	-24.33	74	40.71	34.5	7.69	33.23	346	355	P	H
		5391.6	38.76	-15.24	54	29.79	34.5	7.7	33.23	346	355	A	H
		5024.85	50.95	-23.05	74	42.4	33.9	7.29	32.64	400	87	P	V
		5016.8	39.67	-14.33	54	31.15	33.9	7.26	32.64	400	87	A	V
	*	5270	101.8	-	-	92.8	34.4	7.62	33.02	400	87	P	V
		5270	93.88	-	-	84.88	34.4	7.62	33.02	400	87	A	V
		5412	49.15	-24.85	74	40.17	34.5	7.75	33.27	400	87	P	V
		5433.12	38.54	-15.46	54	29.57	34.5	7.79	33.32	400	87	A	V
802.11n HT40 CH 62 5310MHz		5012.6	50.8	-23.2	74	42.28	33.9	7.26	32.64	100	348	P	H
		5013.65	39.35	-14.65	54	30.83	33.9	7.26	32.64	100	348	A	H
	*	5310	101.41	-	-	92.44	34.42	7.66	33.11	100	348	P	H
		5310	93.65	-	-	84.68	34.42	7.66	33.11	100	348	A	H
		5350.8	57.98	-16.02	74	48.99	34.5	7.68	33.19	100	348	P	H
		5350.08	46.27	-7.73	54	37.28	34.5	7.68	33.19	100	348	A	H
		5045.15	50.11	-23.89	74	41.57	33.9	7.32	32.68	372	86	P	V
		5000	39.47	-14.53	54	30.94	33.9	7.23	32.6	372	86	A	V
	*	5310	101.51	-	-	92.54	34.42	7.66	33.11	372	86	P	V
		5310	93.64	-	-	84.67	34.42	7.66	33.11	372	86	A	V
		5352.96	54.84	-19.16	74	45.85	34.5	7.68	33.19	372	86	P	V
		5350.08	45.08	-8.92	54	36.09	34.5	7.68	33.19	372	86	A	V



<b>Remark</b>	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>
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**Band 2 5250~5350MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 54 5270MHz		7028	55.22	-13.08	68.3	65.3	35.51	8.69	54.28	-	-	P	H
		10540	46.05	-22.25	68.3	51.21	37.36	10.89	53.41	-	-	P	H
		15810	50.5	-23.5	74	51.13	40.25	13.87	54.75	-	-	P	H
		7028	53.14	-15.16	68.3	63.22	35.51	8.69	54.28	-	-	P	V
		10540	47.01	-21.29	68.3	52.17	37.36	10.89	53.41	-	-	P	V
		15810	49.57	-24.43	74	50.2	40.25	13.87	54.75	-	-	P	V
802.11n HT40 CH 62 5310MHz		7080	54.87	-13.43	68.3	64.93	35.53	8.66	54.25	-	-	P	H
		10620	47.01	-26.99	74	52.12	37.47	10.94	53.52	-	-	P	H
		15930	49.81	-24.19	74	50.42	40.34	13.96	54.91	-	-	P	H
		7080	51.83	-16.47	68.3	61.89	35.53	8.66	54.25	-	-	P	V
		10620	46.26	-27.74	74	51.37	37.47	10.94	53.52	-	-	P	V
		15930	49.76	-24.24	74	50.37	40.34	13.96	54.91	-	-	P	V
<b>Remark</b>	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 2 5250~5350MHz**  
**WIFI 802.11ac VHT80 Full (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 Full CH 58 5290MHz		5022.05	50.49	-23.51	74	41.94	33.9	7.29	32.64	127	339	P	H
		5047.6	39.29	-14.71	54	30.75	33.9	7.32	32.68	127	339	A	H
		5290	96.98	-	-	88	34.4	7.64	33.06	127	339	P	H
		5290	90.25	-	-	81.27	34.4	7.64	33.06	127	339	A	H
		5367.36	61.11	-12.89	74	52.11	34.5	7.69	33.19	127	339	P	H
		5369.76	50.26	-3.74	54	41.26	34.5	7.69	33.19	127	339	A	H



	5124.25	50.16	-23.84	74	41.41	34.1	7.46	32.81	375	87	P	V
	5150	39.37	-14.63	54	30.54	34.2	7.48	32.85	375	87	A	V
	5290	97.47	-	-	88.49	34.4	7.64	33.06	375	87	P	V
	5290	90.63	-	-	81.65	34.4	7.64	33.06	375	87	A	V
	5362.8	61.59	-12.41	74	52.59	34.5	7.69	33.19	375	87	P	V
	5359.2	50.41	-3.59	54	41.42	34.5	7.68	33.19	375	87	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											

**Band 2 5250~5350MHz**

**WIFI 802.11ac VHT80 Full (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11ac VHT80 Full CH 58 5290MHz</b>		7055.5	54.94	-13.36	68.3	65.01	35.52	8.68	54.27	-	-	P	H
		10580	46.11	-22.19	68.3	51.25	37.41	10.92	53.47	-	-	P	H
		15870	49.48	-24.52	74	50.1	40.3	13.92	54.84	-	-	P	H
		7055.5	50.59	-17.71	68.3	60.66	35.52	8.68	54.27	-	-	P	V
		10580	46.14	-22.16	68.3	51.28	37.41	10.92	53.47	-	-	P	V
		15870	49.73	-24.27	74	50.35	40.3	13.92	54.84	-	-	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz**

**WIFI 802.11a (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11a CH 100 5500MHz</b>		5459.12	50.61	-23.39	74	41.63	34.5	7.84	33.36	103	331	P	H
		5468.88	50.48	-17.82	68.3	41.46	34.5	7.88	33.36	103	331	P	H
		5459.92	38.44	-15.56	54	29.46	34.5	7.84	33.36	103	331	A	H
	*	5500	105.77	-	-	96.71	34.5	7.96	33.4	103	331	P	H
		5500	98.67	-	-	89.61	34.5	7.96	33.4	103	331	A	H



		5447.6	49.45	-24.55	74	40.43	34.5	7.84	33.32	385	93	P	V
		5469.84	50.92	-17.38	68.3	41.9	34.5	7.88	33.36	385	93	P	V
		5459.92	37.93	-16.07	54	28.95	34.5	7.84	33.36	385	93	A	V
	*	5500	107.11	-	-	98.05	34.5	7.96	33.4	385	93	P	V
		5500	99.25	-	-	90.19	34.5	7.96	33.4	385	93	A	V
802.11a CH 116 5580MHz		5383.84	47.68	-26.32	74	38.71	34.5	7.7	33.23	345	144	P	H
		5465.44	47.85	-20.45	68.3	38.83	34.5	7.88	33.36	345	144	P	H
		5459.68	36.86	-17.14	54	27.88	34.5	7.84	33.36	345	144	A	H
		5736.65	51.02	-17.28	68.3	41.25	34.7	8.42	33.35	345	144	P	H
		* 5580	106.77	-	-	97.69	34.5	7.97	33.39	345	144	P	H
		5580	98.62	-	-	89.54	34.5	7.97	33.39	345	144	A	H
		5427.52	48.97	-25.03	74	40.04	34.5	7.75	33.32	397	89	P	V
		5461.12	47.9	-20.4	68.3	38.92	34.5	7.84	33.36	397	89	P	V
		5459.68	36.91	-17.09	54	27.93	34.5	7.84	33.36	397	89	A	V
		* 5580	106.18	-	-	97.1	34.5	7.97	33.39	397	89	P	V
		5580	98.18	-	-	89.1	34.5	7.97	33.39	397	89	A	V
		5740.745	50.14	-18.16	68.3	40.37	34.7	8.42	33.35	397	89	P	V
802.11a CH 140 5700MHz	*	5700	107.41	-	-	97.55	34.7	8.52	33.36	100	308	P	H
		5700	100.02	-	-	90.16	34.7	8.52	33.36	100	308	A	H
		5725.56	54.84	-13.46	68.3	45.04	34.7	8.45	33.35	100	308	P	H
	*	5700	107.84	-	-	97.98	34.7	8.52	33.36	394	81	P	V
		5700	100.03	-	-	90.17	34.7	8.52	33.36	394	81	A	V
		5727	54.25	-14.05	68.3	44.45	34.7	8.45	33.35	394	81	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 - 5470~5725MHz**  
**WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	Factor	Loss	Factor	Pos	Pos	Avg.	
2							( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a		7336	53.28	-20.72	74	62.91	35.63	8.84	54.1	105	349	P	H
CH 100		7336	48.73	-5.27	54	58.36	35.63	8.84	54.1	105	349	A	H
5500MHz		11000	46.01	-27.99	74	50.87	38	11.14	54	-	-	P	H



		16500	50.36	-17.94	68.3	48.42	41.25	14.27	53.58	-	-	P	H
		7336	49.1	-24.9	74	38.37	35.63	8.84	33.74	102	132	P	V
		7336	47.7	-6.3	54	36.97	35.63	8.84	33.74	102	132	A	V
		11000	46.18	-27.82	74	51.04	38	11.14	54	-	-	P	V
		16500	50.54	-17.76	68.3	48.6	41.25	14.27	53.58	-	-	P	V
802.11a CH 116 5580MHz		7440.5	54.01	-19.99	74	63.42	35.68	8.95	54.04	100	333	P	H
		7440.5	49.33	-4.67	54	58.74	35.68	8.95	54.04	100	333	A	H
		11160	46.31	-27.69	74	50.83	38.1	11.28	53.9	-	-	P	H
		16740	50.05	-18.25	68.3	46.9	41.66	14.4	52.91	-	-	P	H
		7440.5	51.82	-22.18	74	61.23	35.68	8.95	54.04	100	154	P	V
		7440.5	48.41	-5.59	54	57.82	35.68	8.95	54.04	100	154	A	V
		11160	45.67	-28.33	74	50.19	38.1	11.28	53.9	-	-	P	V
		16740	50.79	-17.51	68.3	47.64	41.66	14.4	52.91	-	-	P	V
802.11a CH 140 5700MHz		7600	54.18	-19.82	74	63.34	35.7	9.08	53.94	107	341	P	H
		7600	50.59	-3.41	54	59.75	35.7	9.08	53.94	107	341	A	H
		11400	46.47	-27.53	74	50.52	38.24	11.47	53.76	-	-	P	H
		17100	50.68	-17.62	68.3	46.29	41.97	14.69	52.27	-	-	P	H
		7600	52.88	-21.12	74	62.04	35.7	9.08	53.94	100	135	P	V
		7600	47.9	-6.1	54	57.06	35.7	9.08	53.94	100	135	A	V
		11400	46.19	-27.81	74	50.24	38.24	11.47	53.76	-	-	P	V
		17100	50.31	-17.99	68.3	45.92	41.97	14.69	52.27	-	-	P	V
Remark	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 100 5500MHz		5424.4	49.35	-24.65	74	40.37	34.5	7.75	33.27	118	345	P	H
		5469.68	49.7	-18.6	68.3	40.68	34.5	7.88	33.36	118	345	P	H
		5460	38.11	-15.89	54	29.13	34.5	7.84	33.36	118	345	A	H
	*	5500	105.68	-	-	96.62	34.5	7.96	33.4	118	345	P	H
		5500	97.6	-	-	88.54	34.5	7.96	33.4	118	345	A	H



		5460.08	48.71	-19.59	68.3	39.73	34.5	7.84	33.36	365	91	P	V
		5466.8	50.17	-18.13	68.3	41.15	34.5	7.88	33.36	365	91	P	V
		5460	37.45	-16.55	54	28.47	34.5	7.84	33.36	365	91	A	V
	*	5500	101.33	-	-	92.27	34.5	7.96	33.4	365	91	P	V
		5500	94.25	-	-	85.19	34.5	7.96	33.4	365	91	A	V
802.11n HT20 CH 116 5580MHz		5358.16	48.22	-25.78	74	39.23	34.5	7.68	33.19	120	326	P	H
		5463.52	46.91	-21.39	68.3	37.89	34.5	7.88	33.36	120	326	P	H
		5446	36.83	-17.17	54	27.81	34.5	7.84	33.32	120	326	A	H
		* 5580	106.44	-	-	97.36	34.5	7.97	33.39	120	326	P	H
		5580	98.23	-	-	89.15	34.5	7.97	33.39	120	326	A	H
		5745.785	49.01	-19.29	68.3	39.24	34.7	8.42	33.35	120	326	P	H
		5458.96	48.77	-25.23	74	39.79	34.5	7.84	33.36	389	114	P	V
		5463.76	48.29	-20.01	68.3	39.27	34.5	7.88	33.36	389	114	P	V
		5459.68	36.8	-17.2	54	27.82	34.5	7.84	33.36	389	114	A	V
		* 5580	103.09	-	-	94.01	34.5	7.97	33.39	389	114	P	V
		5580	96.17	-	-	87.09	34.5	7.97	33.39	389	114	A	V
		5729.09	48.55	-19.75	68.3	38.75	34.7	8.45	33.35	389	114	P	V
802.11n HT20 CH 140 5700MHz		* 5700	106.78	-	-	96.92	34.7	8.52	33.36	104	322	P	H
		5700	98.51	-	-	88.65	34.7	8.52	33.36	104	322	A	H
		5732.6	53.67	-14.63	68.3	43.87	34.7	8.45	33.35	104	322	P	H
		* 5700	104.81	-	-	94.95	34.7	8.52	33.36	364	128	P	V
		5700	97.4	-	-	87.54	34.7	8.52	33.36	364	128	A	V
		5726.68	52.33	-15.97	68.3	42.53	34.7	8.45	33.35	364	128	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		7330.5	53.39	-20.61	74	63.07	35.63	8.8	54.11	104	353	P	H
		7330.5	49.38	-4.62	54	59.06	35.63	8.8	54.11	104	353	A	H
		11000	47.07	-26.93	74	51.93	38	11.14	54	-	-	P	H
		16500	51.59	-16.71	68.3	49.65	41.25	14.27	53.58	-	-	P	H
		7336	52.07	-21.93	74	61.7	35.63	8.84	54.1	100	132	P	V
		7336	48.29	-5.71	54	57.92	35.63	8.84	54.1	100	132	A	V
		11000	46.24	-27.76	74	51.1	38	11.14	54	-	-	P	V
802.11n HT20 CH 116 5580MHz		16500	51.45	-16.85	68.3	49.51	41.25	14.27	53.58	-	-	P	V
		7440.5	53.93	-20.07	74	63.34	35.68	8.95	54.04	377	355	P	H
		7440.5	50.29	-3.71	54	59.7	35.68	8.95	54.04	377	355	A	H
		11160	46.02	-27.98	74	50.54	38.1	11.28	53.9	-	-	P	H
		16740	49.53	-18.77	68.3	46.38	41.66	14.4	52.91	-	-	P	H
		7440.5	53.09	-20.91	74	62.5	35.68	8.95	54.04	358	126	P	V
		7440.5	48.84	-5.16	54	58.25	35.68	8.95	54.04	358	126	A	V
802.11n HT20 CH 140 5700MHz		11160	46.17	-27.83	74	50.69	38.1	11.28	53.9	-	-	P	V
		16740	49.32	-18.98	68.3	46.17	41.66	14.4	52.91	-	-	P	V
		7600	53.69	-20.31	74	62.85	35.7	9.08	53.94	105	326	P	H
		7600	49.9	-4.1	54	59.06	35.7	9.08	53.94	105	326	A	H
		11400	45.74	-28.26	74	49.79	38.24	11.47	53.76	-	-	P	H
		17100	50.99	-17.31	68.3	46.6	41.97	14.69	52.27	-	-	P	H
		7600	51.92	-22.08	74	61.08	35.7	9.08	53.94	103	132	P	V
Remark		7600	48.85	-5.15	54	58.01	35.7	9.08	53.94	103	132	A	V
		11400	45.87	-28.13	74	49.92	38.24	11.47	53.76	-	-	P	V
		17100	50.66	-17.64	68.3	46.27	41.97	14.69	52.27	-	-	P	V
<p align="center">1. No other spurious found.</p> <p align="center">2. All results are PASS against Peak and Average limit line.</p>													



**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT40 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		5458.96	50.98	-23.02	74	42	34.5	7.84	33.36	114	344	P	H
		5470	58.03	-10.27	68.3	49.01	34.5	7.88	33.36	114	344	P	H
		5459.92	42.52	-11.48	54	33.54	34.5	7.84	33.36	114	344	A	H
	*	5510	101.03	-	-	91.97	34.5	7.96	33.4	114	344	P	H
		5510	93.94	-	-	84.88	34.5	7.96	33.4	114	344	A	H
		5729.72	49.27	-19.03	68.3	39.47	34.7	8.45	33.35	114	344	P	H
		5459.68	50.75	-23.25	74	41.77	34.5	7.84	33.36	384	81	P	V
		5468.32	57.08	-11.22	68.3	48.06	34.5	7.88	33.36	384	81	P	V
		5459.68	42.51	-11.49	54	33.53	34.5	7.84	33.36	384	81	A	V
	*	5510	101.48	-	-	92.42	34.5	7.96	33.4	384	81	P	V
		5510	94.12	-	-	85.06	34.5	7.96	33.4	384	81	A	V
		5734.76	49.33	-18.97	68.3	39.56	34.7	8.42	33.35	384	81	P	V
802.11n HT40 CH 110 5550MHz		5443.6	48.41	-25.59	74	39.44	34.5	7.79	33.32	320	360	P	H
		5468.08	50.42	-17.88	68.3	41.4	34.5	7.88	33.36	320	360	P	H
		5451.28	38.72	-15.28	54	29.7	34.5	7.84	33.32	320	360	A	H
	*	5550	100.52	-	-	91.44	34.5	7.97	33.39	320	360	P	H
		5550	93.36	-	-	84.28	34.5	7.97	33.39	320	360	A	H
		5753.345	48.93	-19.37	68.3	39.18	34.71	8.39	33.35	320	360	P	H
		5426.56	49.04	-24.96	74	40.06	34.5	7.75	33.27	400	92	P	V
		5470	48.17	-20.13	68.3	39.15	34.5	7.88	33.36	400	92	P	V
		5459.68	39.34	-14.66	54	30.36	34.5	7.84	33.36	400	92	A	V
	*	5550	102.12	-	-	93.04	34.5	7.97	33.39	400	92	P	V
	5550	94.39	-	-	85.31	34.5	7.97	33.39	400	92	A	V	
	5730.35	49.35	-18.95	68.3	39.55	34.7	8.45	33.35	400	92	P	V	
802.11n HT40 CH 134 5670MHz		5409.5	48.66	-25.34	74	39.72	34.5	7.71	33.27	100	317	P	H
		5467.95	48	-20.3	68.3	38.98	34.5	7.88	33.36	100	317	P	H
		5438.2	38.46	-15.54	54	29.49	34.5	7.79	33.32	100	317	A	H
	*	5670	103.58	-	-	93.9	34.64	8.41	33.37	100	317	P	H
		5670	96.36	-	-	86.68	34.64	8.41	33.37	100	317	A	H
	5728.6	55.04	-13.26	68.3	45.24	34.7	8.45	33.35	100	317	P	H	



		5401.8	48.16	-25.84	74	39.22	34.5	7.71	33.27	384	91	P	V
		5465.15	47.95	-20.35	68.3	38.93	34.5	7.88	33.36	384	91	P	V
		5442.75	38.46	-15.54	54	29.49	34.5	7.79	33.32	384	91	A	V
	*	5670	104.38	-	-	94.7	34.64	8.41	33.37	384	91	P	V
		5670	97.31	-	-	87.63	34.64	8.41	33.37	384	91	A	V
		5728.425	55.55	-12.75	68.3	45.75	34.7	8.45	33.35	384	91	P	V
<b>Remark</b>	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 3 - 5470~5725MHz**  
**WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		7347	53.19	-20.81	74	62.81	35.64	8.84	54.1	100	335	P	H
		7347	50.7	-3.3	54	60.32	35.64	8.84	54.1	100	335	A	H
		11020	47.01	-26.99	74	51.84	38.01	11.15	53.99	-	-	P	H
		16530	50.62	-17.68	68.3	48.51	41.3	14.29	53.48	-	-	P	H
		11020	46.9	-27.1	74	51.73	38.01	11.15	53.99	-	-	P	V
		16530	50.88	-17.42	68.3	48.77	41.3	14.29	53.48	-	-	P	V
		11020	46.9	-27.1	74	51.73	38.01	11.15	53.99	-	-	P	V
		16530	50.88	-17.42	68.3	48.77	41.3	14.29	53.48	-	-	P	V
802.11n HT40 CH 110 5550MHz		7402	53.05	-20.95	74	62.5	35.66	8.95	54.06	102	333	P	H
		7402	50.17	-3.83	54	59.62	35.66	8.95	54.06	102	333	A	H
		11100	46.85	-27.15	74	51.51	38.06	11.22	53.94	-	-	P	H
		16650	50.83	-17.47	68.3	48.12	41.51	14.35	53.15	-	-	P	H
		11100	46.65	-27.35	74	51.31	38.06	11.22	53.94	-	-	P	V
		16650	50.74	-17.56	68.3	48.03	41.51	14.35	53.15	-	-	P	V
		11100	46.65	-27.35	74	51.31	38.06	11.22	53.94	-	-	P	V
		16650	50.74	-17.56	68.3	48.03	41.51	14.35	53.15	-	-	P	V
802.11n HT40 CH 134 5670MHz		7561.5	53.51	-20.49	74	62.73	35.7	9.04	53.96	115	340	P	H
		7561.5	50.75	-3.25	54	59.97	35.7	9.04	53.96	115	340	A	H
		11340	45.78	-28.22	74	49.96	38.2	11.42	53.8	-	-	P	H
		17010	50.9	-17.4	68.3	46.46	42.09	14.56	52.21	-	-	P	H



		11340	46.44	-27.56	74	50.62	38.2	11.42	53.8	-	-	P	V
		17010	50.42	-17.88	68.3	45.98	42.09	14.56	52.21	-	-	P	V
		11340	46.44	-27.56	74	50.62	38.2	11.42	53.8	-	-	P	V
		17010	50.42	-17.88	68.3	45.98	42.09	14.56	52.21	-	-	P	V
<b>Remark</b>	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												

**Band 3 - 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 106 5530MHz		5458	59.34	-14.66	74	50.36	34.5	7.84	33.36	124	329	P	H
		5469.76	61.35	-6.95	68.3	52.33	34.5	7.88	33.36	124	329	P	H
		5459.44	49.25	-4.75	54	40.27	34.5	7.84	33.36	124	329	A	H
		5530	97.27	-	-	88.21	34.5	7.96	33.4	124	329	P	H
		5530	90.28	-	-	81.22	34.5	7.96	33.4	124	329	A	H
		5742.635	50.23	-18.07	68.3	40.46	34.7	8.42	33.35	124	329	P	H
		5458.96	57.39	-16.61	74	48.41	34.5	7.84	33.36	383	83	P	V
		5469.52	59.83	-8.47	68.3	50.81	34.5	7.88	33.36	383	83	P	V
		5459.92	48.36	-5.64	54	39.38	34.5	7.84	33.36	383	83	A	V
		5530	97.83	-	-	88.77	34.5	7.96	33.4	383	83	P	V
		5530	90.51	-	-	81.45	34.5	7.96	33.4	383	83	A	V
		5764.37	50.56	-17.74	68.3	40.79	34.73	8.39	33.35	383	83	P	V
802.11ac VHT80 CH 122 5610MHz		5456.8	48.95	-25.05	74	39.97	34.5	7.84	33.36	100	314	P	H
		5464.72	47.57	-20.73	68.3	38.55	34.5	7.88	33.36	100	314	P	H
		5449.6	38.33	-15.67	54	29.31	34.5	7.84	33.32	100	314	A	H
		5610	97.31	-	-	88.2	34.52	7.97	33.38	100	314	P	H
		5610	90.72	-	-	81.61	34.52	7.97	33.38	100	314	A	H
		5742.075	51.86	-16.44	68.3	42.09	34.7	8.42	33.35	100	314	P	H
		5455.12	49.3	-24.7	74	40.32	34.5	7.84	33.36	393	90	P	V
		5470	49.08	-19.22	68.3	40.06	34.5	7.88	33.36	393	90	P	V
		5443.6	38.56	-15.44	54	29.59	34.5	7.79	33.32	393	90	A	V
	5610	99.07	-	-	89.96	34.52	7.97	33.38	393	90	P	V	



		5610	91.79	-	-	82.68	34.52	7.97	33.38	393	90	A	V
		5731.05	53.53	-14.77	68.3	43.73	34.7	8.45	33.35	393	90	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 3 5470~5725MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11ac VHT80 CH 106 5530MHz</b>		7373.5	53.66	-20.34	74	63.18	35.65	8.91	54.08	100	331	P	H
		7373.5	50.81	-3.19	54	60.33	35.65	8.91	54.08	100	331	A	H
		11060	46.3	-27.7	74	51.02	38.04	11.2	53.96	-	-	P	H
		16590	50.81	-17.49	68.3	48.43	41.4	14.32	53.34	-	-	P	H
		7373.5	52.04	-21.96	74	61.56	35.65	8.91	54.08	102	131	P	V
		7373.5	48.33	-5.67	54	57.85	35.65	8.91	54.08	102	131	A	V
		11060	46.39	-27.61	74	51.11	38.04	11.2	53.96	-	-	P	V
		16590	50.84	-17.46	68.3	48.46	41.4	14.32	53.34	-	-	P	V
<b>802.11ac VHT80 CH 122 5610MHz</b>		7480	53.52	-20.48	74	62.89	35.69	8.96	54.02	100	337	P	H
		7480	50.31	-3.69	54	59.68	35.69	8.96	54.02	100	337	A	H
		11220	47.01	-26.99	74	51.43	38.13	11.32	53.87	-	-	P	H
		16830	50.96	-17.34	68.3	47.38	41.81	14.44	52.67	-	-	P	H
		7480	51.52	-22.48	74	60.89	35.69	8.96	54.02	100	131	P	V
		7480	47.51	-6.49	54	56.88	35.69	8.96	54.02	100	133	A	V
		11220	45.65	-28.35	74	50.07	38.13	11.32	53.87	-	-	P	V
		16830	50.98	-17.32	68.3	47.4	41.81	14.44	52.67	-	-	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

Table with 14 columns: WIFI, Note, Frequency, Level, Margin, Limit, Read, Antenna, Path, Preamp, Ant, Table, Peak, Pol. It contains 11 rows of test data for 5GHz frequencies and a Remark section at the bottom.



**Band 4 - 5725~5850MHz**  
**WIFI 802.11a (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 149 5745MHz		5608.4	49.81	-18.49	68.3	40.7	34.52	7.97	33.38	100	309	P	H
		5697	51.12	-51.88	103	41.27	34.69	8.52	33.36	100	309	P	H
		5720	59.36	-51.44	110.8	49.56	34.7	8.45	33.35	100	309	P	H
		5724.6	68.19	-53.1	121.29	58.39	34.7	8.45	33.35	100	309	P	H
	*	5745	107.68	-	-	97.91	34.7	8.42	33.35	100	309	P	H
		5745	100.41	-	-	90.64	34.7	8.42	33.35	100	309	A	H
		5639.8	49.79	-18.51	68.3	40.39	34.58	8.19	33.37	390	71	P	V
		5687.4	49.76	-46.17	95.93	39.93	34.67	8.52	33.36	390	71	P	V
		5713.4	53.53	-55.42	108.95	43.69	34.7	8.49	33.35	390	71	P	V
		5722.8	57.96	-59.22	117.18	48.16	34.7	8.45	33.35	390	71	P	V
	*	5745	105.94	-	-	96.17	34.7	8.42	33.35	390	71	P	V
		5745	98.11	-	-	88.34	34.7	8.42	33.35	390	71	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11a CH 157 5785MHz		5623.6	51.04	-17.26	68.3	41.79	34.55	8.08	33.38	111	307	P	H
		5653.2	50.54	-20.13	70.67	41	34.61	8.3	33.37	111	307	P	H
		5717.2	51.94	-58.08	110.02	42.1	34.7	8.49	33.35	111	307	P	H
		5723	49.86	-67.78	117.64	40.06	34.7	8.45	33.35	111	307	P	H
	*	5785	107.02	-	-	97.25	34.77	8.35	33.35	111	307	P	H
		5785	99.46	-	-	89.69	34.77	8.35	33.35	111	307	A	H
		5851.6	50.37	-68.18	118.55	40.39	34.9	8.41	33.33	111	307	P	H
		5870.4	50.17	-56.32	106.49	40.12	34.94	8.44	33.33	111	307	P	H
		5922.4	49.77	-20.35	70.12	39.51	35.04	8.53	33.31	111	307	P	H
		5936.6	49.91	-18.39	68.3	39.62	35.07	8.53	33.31	111	307	P	H
		5605.4	49.36	-18.94	68.3	40.26	34.51	7.97	33.38	347	68	P	V
		5696.6	49.65	-53.05	102.7	39.8	34.69	8.52	33.36	347	68	P	V
		5701.2	49.95	-55.59	105.54	40.12	34.7	8.49	33.36	347	68	P	V



		5724.4	49.43	-71.4	120.83	39.63	34.7	8.45	33.35	347	68	P	V
	*	5785	105.16	-	-	95.39	34.77	8.35	33.35	347	68	P	V
		5785	97.89	-	-	88.12	34.77	8.35	33.35	347	68	A	V
		5850.4	49.77	-71.52	121.29	39.79	34.9	8.41	33.33	347	68	P	V
		5864.4	49.3	-58.87	108.17	39.26	34.93	8.44	33.33	347	68	P	V
		5922.2	50.59	-19.67	70.26	40.33	35.04	8.53	33.31	347	68	P	V
		5945.8	49.5	-18.8	68.3	39.18	35.09	8.54	33.31	347	68	P	V

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11a CH 165 5825MHz	*	5825	106.95	-	-	97.05	34.85	8.38	33.33	117	306	P	H
		5825	99.22	-	-	89.32	34.85	8.38	33.33	117	306	A	H
		5850.2	55.15	-66.59	121.74	45.17	34.9	8.41	33.33	117	306	P	H
		5855.4	52.43	-58.26	110.69	42.41	34.91	8.44	33.33	117	306	P	H
		5880.6	52	-49.04	101.04	41.9	34.96	8.47	33.33	117	306	P	H
		5947	50.43	-17.87	68.3	40.11	35.09	8.54	33.31	117	306	P	H
	*	5825	105.75	-	-	95.85	34.85	8.38	33.33	400	79	P	V
		5825	97.88	-	-	87.98	34.85	8.38	33.33	400	79	A	V
		5850.6	54.03	-66.8	120.83	44.05	34.9	8.41	33.33	400	79	P	V
		5860	52.15	-57.25	109.4	42.12	34.92	8.44	33.33	400	79	P	V
		5915.4	50.56	-24.72	75.28	40.34	35.03	8.51	33.32	400	79	P	V
		5939.8	50.59	-17.71	68.3	40.28	35.08	8.54	33.31	400	79	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





Band 4 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for CH 149 (5745MHz), CH 157 (5785MHz), and CH 165 (5825MHz).

Remark
1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 149 5745MHz		5635.6	50.17	-18.13	68.3	40.78	34.57	8.19	33.37	103	320	P	H
		5699	52.34	-52.13	104.47	42.48	34.7	8.52	33.36	103	320	P	H
		5719.2	51.92	-58.66	110.58	42.12	34.7	8.45	33.35	103	320	P	H
		5723.8	57.25	-62.21	119.46	47.45	34.7	8.45	33.35	103	320	P	H
	*	5745	106.22	-	-	96.45	34.7	8.42	33.35	103	320	P	H
	*	5745	97.45	-	-	87.68	34.7	8.42	33.35	103	320	P	H
		5637.4	48.97	-19.33	68.3	39.58	34.57	8.19	33.37	396	113	P	V
		5682.6	50.1	-42.3	92.4	40.39	34.67	8.41	33.37	396	113	P	V
		5702.8	49.99	-56	105.99	40.16	34.7	8.49	33.36	396	113	P	V
		5724.4	56.3	-64.53	120.83	46.5	34.7	8.45	33.35	396	113	P	V
	*	5745	101.18	-	-	91.41	34.7	8.42	33.35	396	113	P	V
		5745	93.96	-	-	84.19	34.7	8.42	33.35	396	113	A	V

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 157 5785MHz		5613.8	49.65	-18.65	68.3	40.53	34.53	7.97	33.38	102	322	P	H
		5679.2	50.08	-39.81	89.89	40.38	34.66	8.41	33.37	102	322	P	H
		5707.8	50.23	-57.16	107.39	40.4	34.7	8.49	33.36	102	322	P	H
		5723.8	49.83	-69.63	119.46	40.03	34.7	8.45	33.35	102	322	P	H
	*	5785	106.06	-	-	96.29	34.77	8.35	33.35	102	322	P	H
		5785	99.03	-	-	89.26	34.77	8.35	33.35	102	322	A	H
		5850.2	49.44	-72.3	121.74	39.46	34.9	8.41	33.33	102	322	P	H
		5863.6	50.46	-57.93	108.39	40.42	34.93	8.44	33.33	102	322	P	H
		5878.4	50.14	-52.53	102.67	40.04	34.96	8.47	33.33	102	322	P	H
		5945.2	49.87	-18.43	68.3	39.55	35.09	8.54	33.31	102	322	P	H
		5613.4	49.7	-18.6	68.3	40.58	34.53	7.97	33.38	382	93	P	V
		5686.4	49.73	-45.47	95.2	39.91	34.67	8.52	33.37	382	93	P	V
		5719.4	49.11	-61.52	110.63	39.31	34.7	8.45	33.35	382	93	P	V
		5720.2	47.85	-63.41	111.26	38.05	34.7	8.45	33.35	382	93	P	V



*	5785	100.66	-	-	90.89	34.77	8.35	33.35	382	93	P	V
	5785	93.23	-	-	83.46	34.77	8.35	33.35	382	93	A	V
	5854.8	50.34	-60.92	111.26	40.32	34.91	8.44	33.33	382	93	P	V
	5870.8	48.85	-57.52	106.37	38.77	34.94	8.47	33.33	382	93	P	V
	5896.6	50.13	-39.05	89.18	39.96	34.99	8.5	33.32	382	93	P	V
	5942	49.49	-18.81	68.3	39.18	35.08	8.54	33.31	382	93	P	V

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 165 5825MHz	*	5825	106.4	-	-	96.5	34.85	8.38	33.33	104	320	P	H
		5825	98.33	-	-	88.43	34.85	8.38	33.33	104	320	A	H
		5854.6	52.97	-58.74	111.71	42.95	34.91	8.44	33.33	104	320	P	H
		5862.4	52.36	-56.37	108.73	42.33	34.92	8.44	33.33	104	320	P	H
		5890	51.56	-42.51	94.07	41.41	34.98	8.5	33.33	104	320	P	H
		5936	50.86	-17.44	68.3	40.57	35.07	8.53	33.31	104	320	P	H
	*	5825	101.79	-	-	91.89	34.85	8.38	33.33	362	112	P	V
		5825	94.61	-	-	84.71	34.85	8.38	33.33	362	112	A	V
		5855	49.9	-60.9	110.8	39.88	34.91	8.44	33.33	362	112	P	V
		5855	49.9	-60.9	110.8	39.88	34.91	8.44	33.33	362	112	P	V
	5897	50.82	-38.06	88.88	40.65	34.99	8.5	33.32	362	112	P	V	
	5947.6	50.03	-18.27	68.3	39.7	35.1	8.54	33.31	362	112	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 4 5725~5850MHz**  
**WIFI 802.11n HT20 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 149 5745MHz		5635.6	50.17	-18.13	68.3	40.78	34.57	8.19	33.37	103	320	P	H
		5699	52.34	-52.13	104.47	42.48	34.7	8.52	33.36	103	320	P	H
		5719.2	51.92	-58.66	110.58	42.12	34.7	8.45	33.35	103	320	P	H
		5723.8	57.25	-62.21	119.46	47.45	34.7	8.45	33.35	103	320	P	H
		5637.4	48.97	-19.33	68.3	39.58	34.57	8.19	33.37	396	113	P	H
		5682.6	50.1	-42.3	92.4	40.39	34.67	8.41	33.37	396	113	P	H
		5702.8	49.99	-56	105.99	40.16	34.7	8.49	33.36	396	113	P	V
	5724.4	56.3	-64.53	120.83	46.5	34.7	8.45	33.35	396	113	P	V	
802.11n HT20 CH 157 5785MHz		7715.5	53.91	-20.09	74	62.89	35.7	9.19	53.87	102	343	P	H
		7715.5	46.97	-7.03	54	55.95	35.7	9.19	53.87	102	343	A	H
		11570	47.51	-26.49	74	51.21	38.34	11.61	53.65	-	-	P	H
		17355	50.42	-17.88	68.3	46.13	41.64	15.1	52.45	-	-	P	H
		7715.5	50.37	-23.63	74	59.35	35.7	9.19	53.87	100	134	P	V
		7715.5	42.78	-11.22	54	51.76	35.7	9.19	53.87	100	134	A	V
		11570	47.2	-26.8	74	50.9	38.34	11.61	53.65	-	-	P	V
	17355	50.3	-18	68.3	46.01	41.64	15.1	52.45	-	-	P	V	
802.11n HT20 CH 165 5825MHz		7766.5	52.71	-15.59	68.3	61.52	35.7	9.33	53.84	-	-	P	H
		11650	47.4	-26.6	74	50.95	38.39	11.67	53.61	-	-	P	H
		17475	50.88	-17.42	68.3	46.64	41.48	15.29	52.53	-	-	P	H
		7766.5	49.65	-18.65	68.3	58.46	35.7	9.33	53.84	-	-	P	V
		11650	47.74	-26.26	74	51.29	38.39	11.67	53.61	-	-	P	V
	17475	49.91	-18.39	68.3	45.67	41.48	15.29	52.53	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 1, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include frequency measurements from 5611.8 to 5928.8 MHz.



WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 159 5795MHz		5645.8	50.7	-17.6	68.3	41.29	34.59	8.19	33.37	100	321	P	H
		5692.6	50.15	-49.61	99.76	40.3	34.69	8.52	33.36	100	321	P	H
		5714.6	51.53	-57.76	109.29	41.69	34.7	8.49	33.35	100	321	P	H
		5723.4	50.69	-67.86	118.55	40.89	34.7	8.45	33.35	100	321	P	H
	*	5795	103.35	-	-	93.58	34.79	8.32	33.34	100	321	P	H
		5795	95.4	-	-	85.63	34.79	8.32	33.34	100	321	A	H
		5850.8	54.55	-65.83	120.38	44.57	34.9	8.41	33.33	100	321	P	H
		5871.8	52.61	-53.48	106.09	42.53	34.94	8.47	33.33	100	321	P	H
		5883.2	51.03	-48.08	99.11	40.92	34.97	8.47	33.33	100	321	P	H
		5925.8	50.06	-18.24	68.3	39.79	35.05	8.53	33.31	100	321	P	H
		5601.4	50.3	-18	68.3	41.21	34.5	7.97	33.38	392	106	P	V
		5695.8	49.97	-52.14	102.11	40.12	34.69	8.52	33.36	392	106	P	V
		5712	50.13	-58.43	108.56	40.3	34.7	8.49	33.36	392	106	P	V
		5722.2	49.09	-66.73	115.82	39.29	34.7	8.45	33.35	392	106	P	V
	*	5795	103.06	-	-	93.29	34.79	8.32	33.34	392	106	P	V
		5795	95.43	-	-	85.66	34.79	8.32	33.34	392	106	A	V
		5851.4	51.93	-67.08	119.01	41.95	34.9	8.41	33.33	392	106	P	V
		5859.4	50.51	-59.06	109.57	40.48	34.92	8.44	33.33	392	106	P	V
	5880.2	50.68	-50.66	101.34	40.58	34.96	8.47	33.33	392	106	P	V	
	5948.6	49.88	-18.42	68.3	39.55	35.1	8.54	33.31	392	106	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for 802.11n HT40 CH 151 (5755MHz) and 802.11n HT40 CH 159 (5795MHz).

Remark

- 1. No other spurious found.
2. All results are PASS against Peak and Average limit line.



**Band 4 5725~5850MHz**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 155 5775MHz		5640.2	50.83	-17.47	68.3	41.43	34.58	8.19	33.37	104	317	P	H
		5697.4	66.83	-36.46	103.29	56.98	34.69	8.52	33.36	104	317	P	H
		5717.2	71.11	-38.91	110.02	61.27	34.7	8.49	33.35	104	317	P	H
		5724	70	-49.92	119.92	60.2	34.7	8.45	33.35	104	317	P	H
	*	5775	99.48	-	-	89.73	34.75	8.35	33.35	104	317	P	H
		5775	92.54	-	-	82.79	34.75	8.35	33.35	104	317	A	H
		5850.6	65.77	-55.06	120.83	55.79	34.9	8.41	33.33	104	317	P	H
		5855.8	64.89	-45.69	110.58	54.87	34.91	8.44	33.33	104	317	P	H
		5875	58.23	-46.97	105.2	48.14	34.95	8.47	33.33	104	317	P	H
		5925.8	50.73	-17.57	68.3	40.46	35.05	8.53	33.31	104	317	P	H
		5640	50.74	-17.56	68.3	41.34	34.58	8.19	33.37	389	102	P	V
		5698.8	62.78	-41.54	104.32	52.92	34.7	8.52	33.36	389	102	P	V
		5718	69.72	-40.52	110.24	59.92	34.7	8.45	33.35	389	102	P	V
		5724.2	68.29	-52.09	120.38	58.49	34.7	8.45	33.35	389	102	P	V
	*	5775	100.4	-	-	90.65	34.75	8.35	33.35	389	102	P	V
		5775	92.99	-	-	83.24	34.75	8.35	33.35	389	102	A	V
		5854	62.87	-50.21	113.08	52.85	34.91	8.44	33.33	389	102	P	V
		5861.8	61.22	-47.67	108.89	51.19	34.92	8.44	33.33	389	102	P	V
		5876.8	58.42	-45.44	103.86	48.33	34.95	8.47	33.33	389	102	P	V
		5946.4	49.89	-18.41	68.3	39.57	35.09	8.54	33.31	389	102	P	V

<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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**Band 4 5725~5850MHz**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac VHT80 CH 155 5775MHz		7700	53.52	-20.48	74	62.56	35.7	9.14	53.88	103	342	P	H
		7700	50.49	-3.51	54	59.53	35.7	9.14	53.88	103	342	A	H
		11550	47.05	-26.95	74	50.78	38.33	11.6	53.66	-	-	P	H
		17325	50.88	-17.42	68.3	46.58	41.68	15.05	52.43	-	-	P	H
		7700	51.2	-22.8	74	60.24	35.7	9.14	53.88	100	135	P	V
		7700	46.35	-7.65	54	55.39	35.7	9.14	53.88	100	135	A	V
		11550	47.25	-26.75	74	50.98	38.33	11.6	53.66	-	-	P	V
		17325	50.99	-17.31	68.3	46.69	41.68	15.05	52.43	-	-	P	V
Remark	<p align="center">1. No other spurious found. 2. All results are PASS against Peak and Average limit line.</p>												

**Band 4 5725~5850MHz**  
**WIFI 802. 11a\_TX\_CH149 (LF @ 3m)**

WIFI Ant. 1	Note	Frequency ( MHz )	Level ( dBµV/m )	Margin ( dB )	Limit Line ( dBµV/m )	Read Level ( dBµV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
11a_TX_CH 149	*	48.43	20.86	-19.14	40	40	15.23	0.71	35.08	-	-	P	H
		149.31	20.07	-23.43	43.5	37.11	16.79	1.27	35.1	-	-	P	H
		268.62	29.97	-16.03	46	44.02	19.19	1.72	34.96	-	-	P	H
		325.85	23.91	-22.09	46	37.15	19.76	1.9	34.9	-	-	P	H
		548.95	26.49	-19.51	46	34.52	24.03	2.54	34.6	-	-	P	H
		731.31	28.46	-17.54	46	34.66	25.3	2.94	34.44	-	-	P	H
	*	47.46	30.1	-9.9	40	48.78	15.69	0.7	35.07	-	-	P	V
		120.21	22.7	-20.8	43.5	38.73	18	1.13	35.16	-	-	P	V
		169.68	23.35	-20.15	43.5	41.49	15.62	1.34	35.1	-	-	P	V
		249.22	26.81	-19.19	46	41.8	18.35	1.66	35	-	-	P	V
		638.19	27.68	-18.32	46	34.65	24.78	2.75	34.5	-	-	P	V
			773.02	31.85	-14.15	46	37.31	25.85	3.04	34.35			P



<Simultaneous transmission>

802.11ac80\_TX\_CH106&LTE B7 Link(Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ac80 CH106 5530MHz & LTE Band7		5452.24	60.96	-13.04	74	51.94	34.5	7.84	33.32	124	349	P	H
		5469.28	63.74	-4.56	68.3	54.72	34.5	7.88	33.36	124	349	P	H
	*	5459.2	50.21	-3.79	54	41.23	34.5	7.84	33.36	124	349	A	H
	*	5530	98.19	-	-	89.13	34.5	7.96	33.4	124	349	P	H
		5530	90.83	-	-	81.77	34.5	7.96	33.4	124	349	A	H
		5729.72	50.23	-18.07	68.3	40.43	34.7	8.45	33.35	124	349	P	H
		5456.56	55.8	-18.2	74	46.82	34.5	7.84	33.36	389	96	P	V
		5469.52	59.88	-8.42	68.3	50.86	34.5	7.88	33.36	389	96	P	V
	*	5459.68	47.86	-6.14	54	38.88	34.5	7.84	33.36	389	96	A	V
	*	5530	98.31	-	-	89.25	34.5	7.96	33.4	389	96	P	V
		5530	90.29	-	-	81.23	34.5	7.96	33.4	389	96	A	V
			5737.595	50.48	-17.82	68.3	40.71	34.7	8.42	33.35	389	96	P
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



802.11ac80\_TX\_CH106&LTE B7 Link (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac80 CH106 5530MHz & LTE Band7		7374.5	51.42	-22.58	74	60.94	35.65	8.91	54.08	100	331	P	H
		7374.5	50.93	-3.07	54	60.45	35.65	8.91	54.08	100	331	A	H
		7578	45.34	-28.66	74	54.53	35.7	9.06	53.95	-	-	P	H
		10102.5	51.16	-17.14	68.3	56.36	36.98	10.65	52.83	-	-	P	H
		11060	47.25	-26.75	74	51.97	38.04	11.2	53.96	-	-	P	H
		16590	52.71	-15.59	68.3	50.33	41.4	14.32	53.34	-	-	P	H
		7374.5	49.43	-24.57	74	58.95	35.65	8.91	54.08	101	133	P	V
		7374.5	48.71	-5.29	54	58.23	35.65	8.91	54.08	102	133	A	V
		7578	49.71	-24.29	74	58.9	35.7	9.06	53.95	-	-	P	V
		10104	55.55	-12.75	68.3	60.76	36.98	10.66	52.85	-	-	P	V
		11060	47.46	-26.54	74	52.18	38.04	11.2	53.96	-	-	P	V
		16590	50.39	-17.91	68.3	48.01	41.4	14.32	53.34	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

Note symbol

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>Margin</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
= 55.45 (dBμV/m)
2. Margin (dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
= 43.54 (dBμV/m)
2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)  
= 43.54(dBμV/m) – 54(dBμV/m)  
= -10.46(dB)

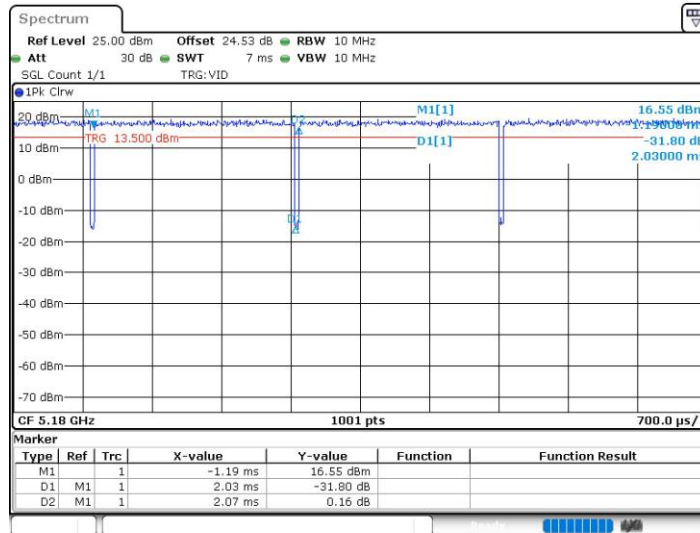
**Both peak and average measured complies with the limit line, so test result is “PASS”.**



## Appendix D. Duty Cycle Plots

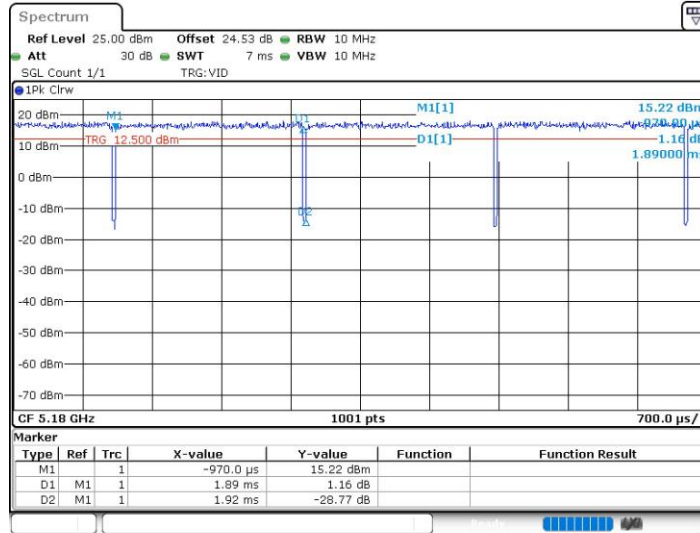
Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	98.07	-	-	10Hz
802.11n HT20	98.44	-	-	10Hz
802.11n HT40	95.88	0.93	1.075	3KHz
802.11ac VHT20	97.93	1.89	0.529	1KHz
802.11ac VHT40	95.88	0.93	1.075	3KHz
802.11ac VHT80	93.88	0.46	2.174	3KHz

### 802.11a



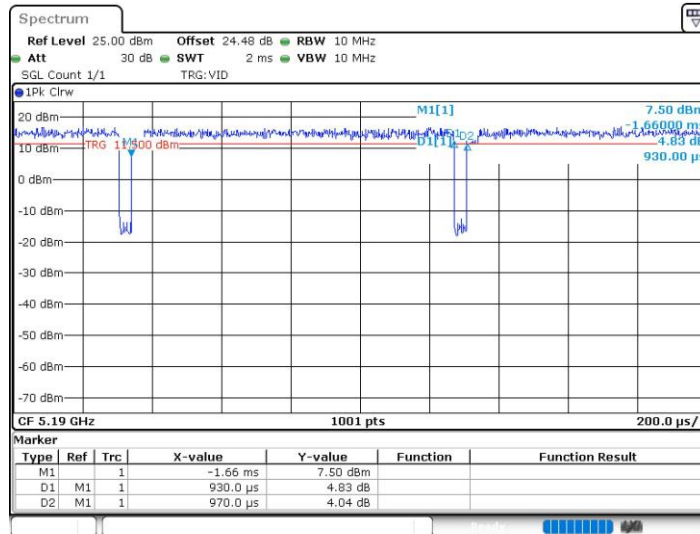


802.11n HT20



Date: 2.MAY.2022 13:40:47

802.11n HT40



Date: 2.MAY.2022 13:57:01