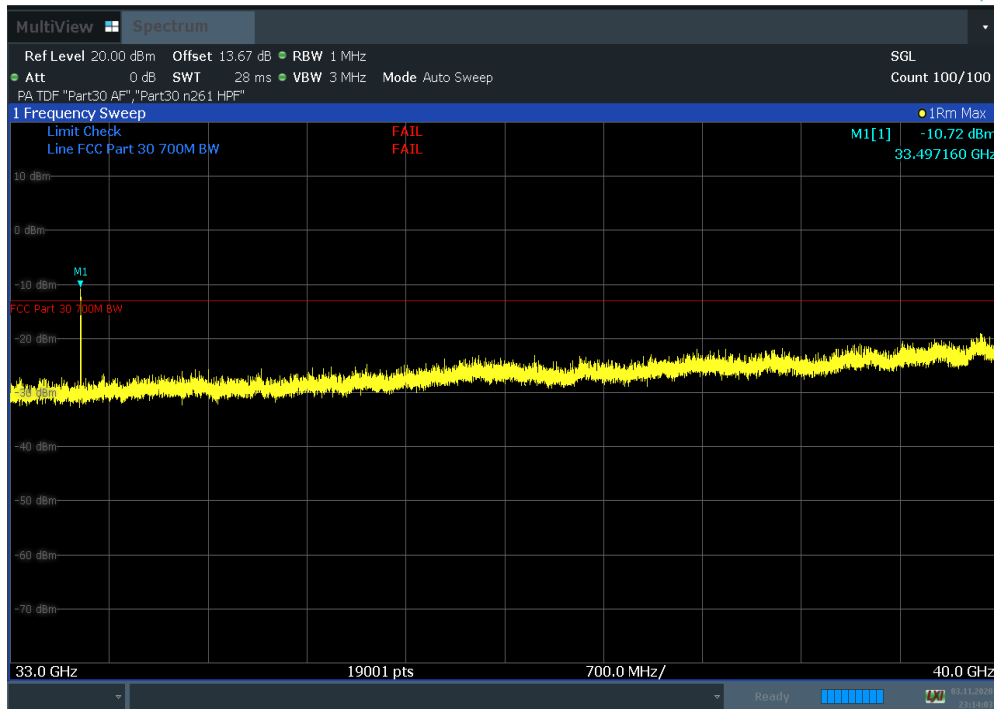
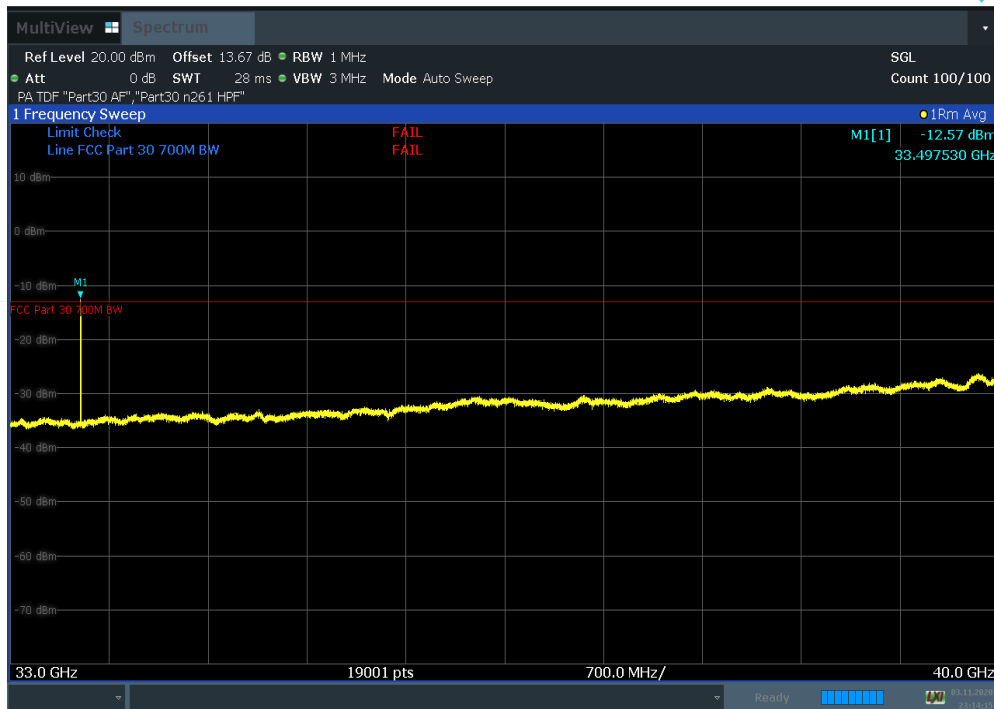


Plot 7-395. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H) Fin

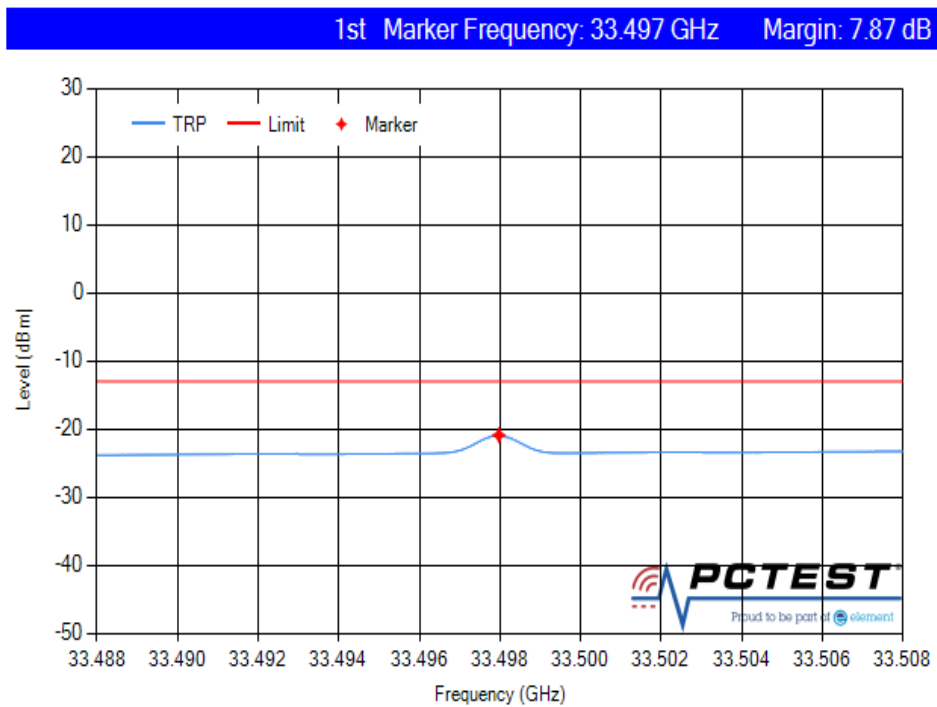


Plot 7-396. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 236 of 322

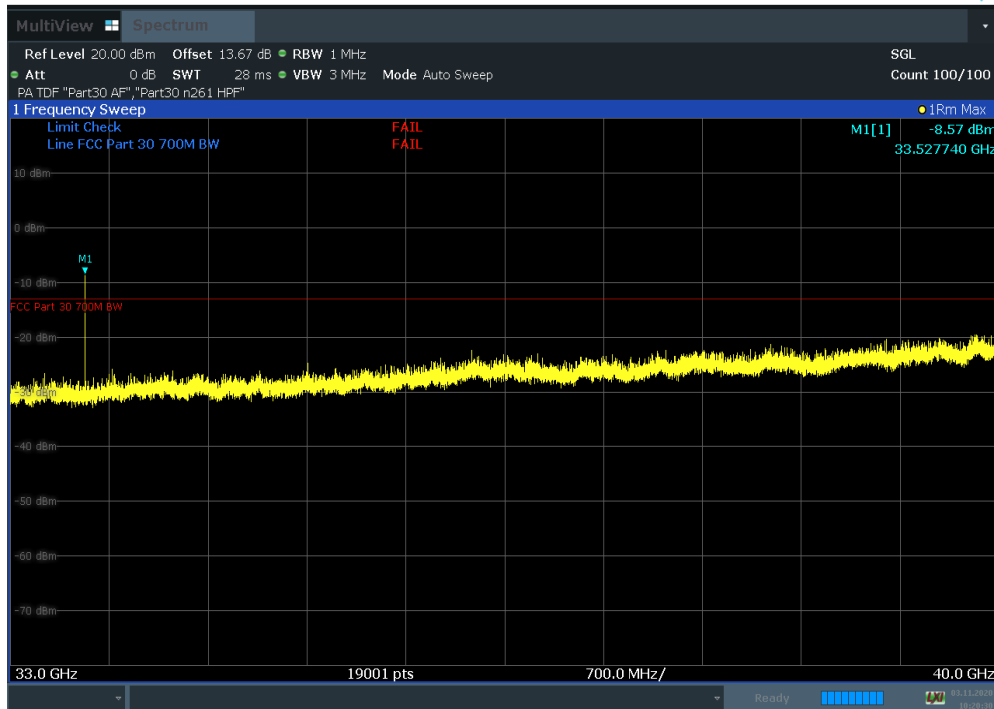


Plot 7-397. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V) Fin

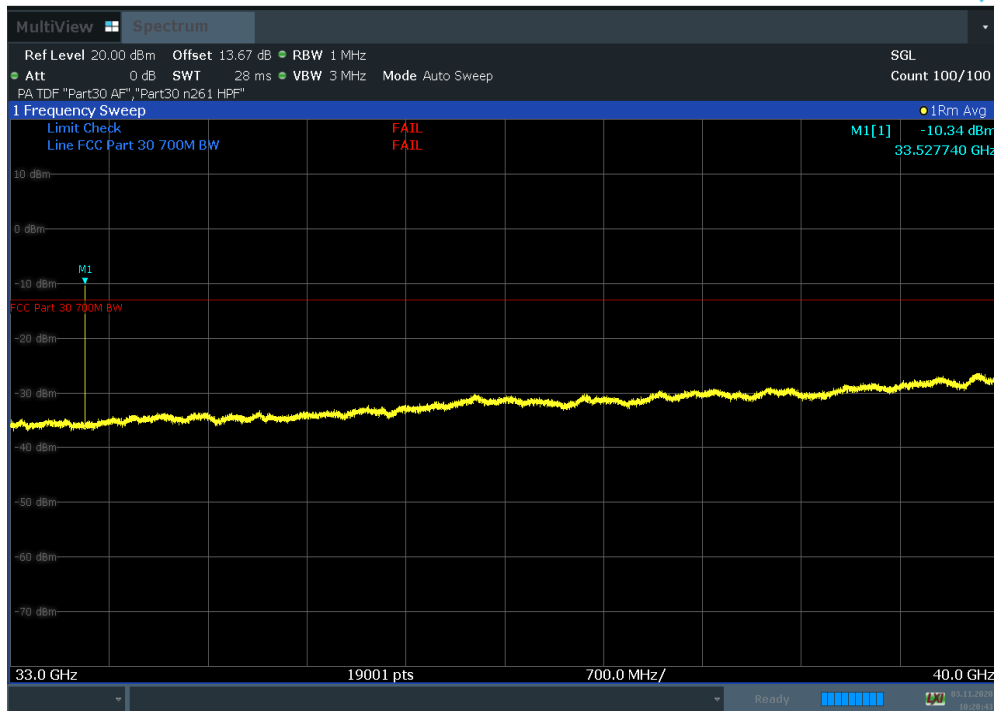


Plot 7-398. Radiated Spurious Plot 33.48 GHz – 33.51 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid TRP)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)	Page 237 of 322	

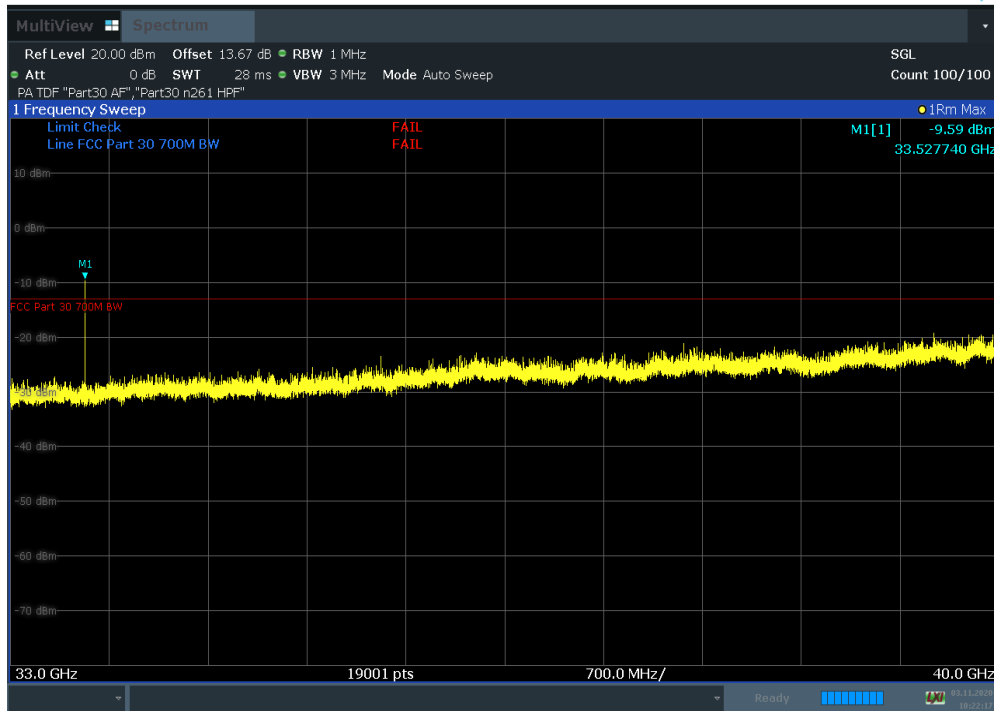


Plot 7-399. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)

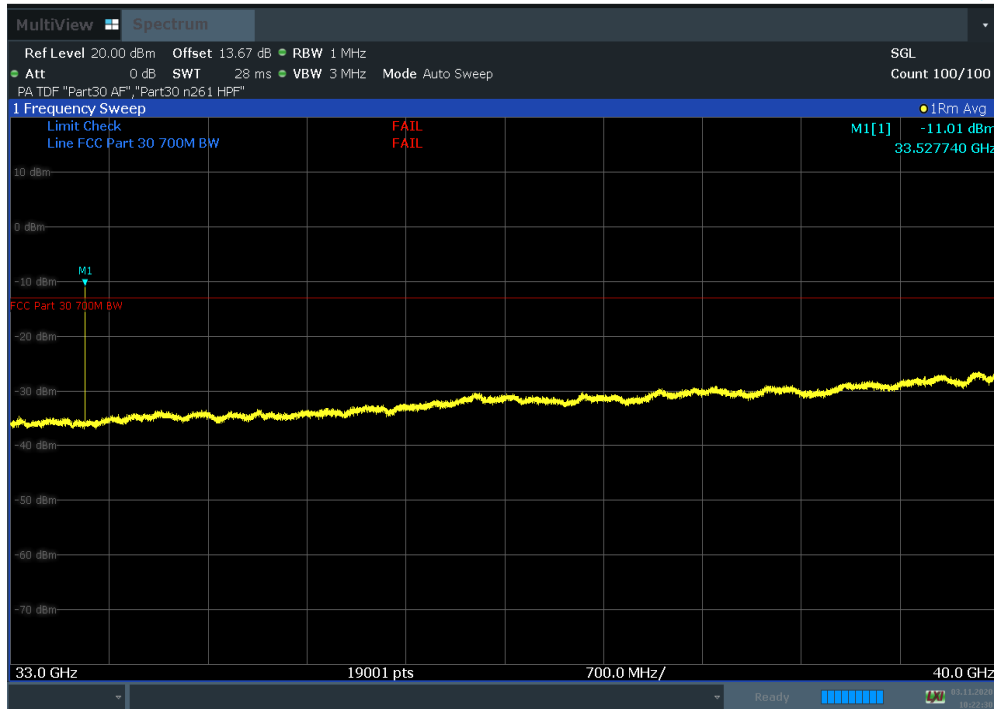


Plot 7-400. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H) Fin

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 238 of 322



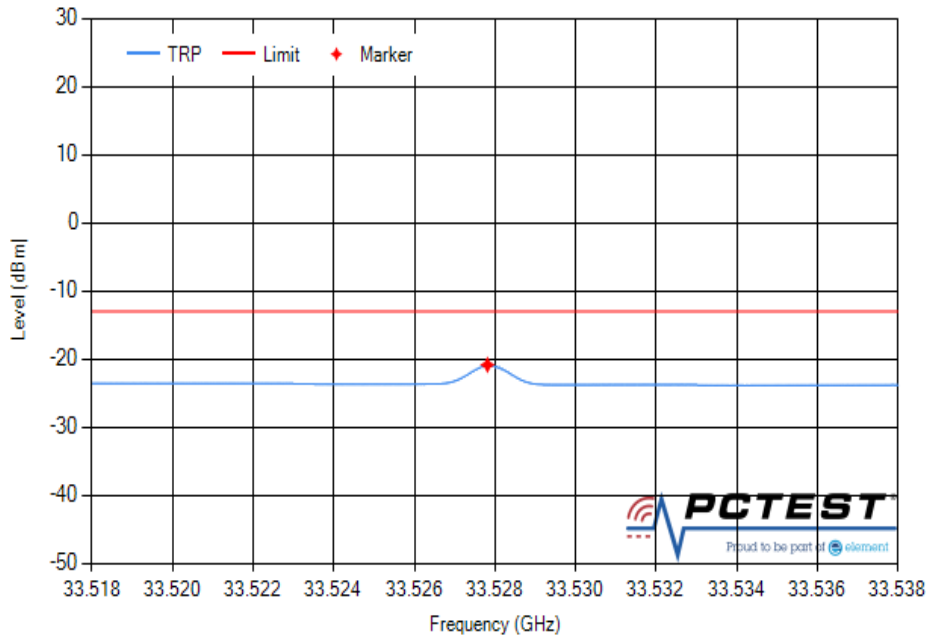
Plot 7-401. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)



Plot 7-402. Radiated Spurious Plot 33 GHz – 40 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V) Fin

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 239 of 322



1st Marker Frequency: 33.528 GHz Margin: 7.82 dB



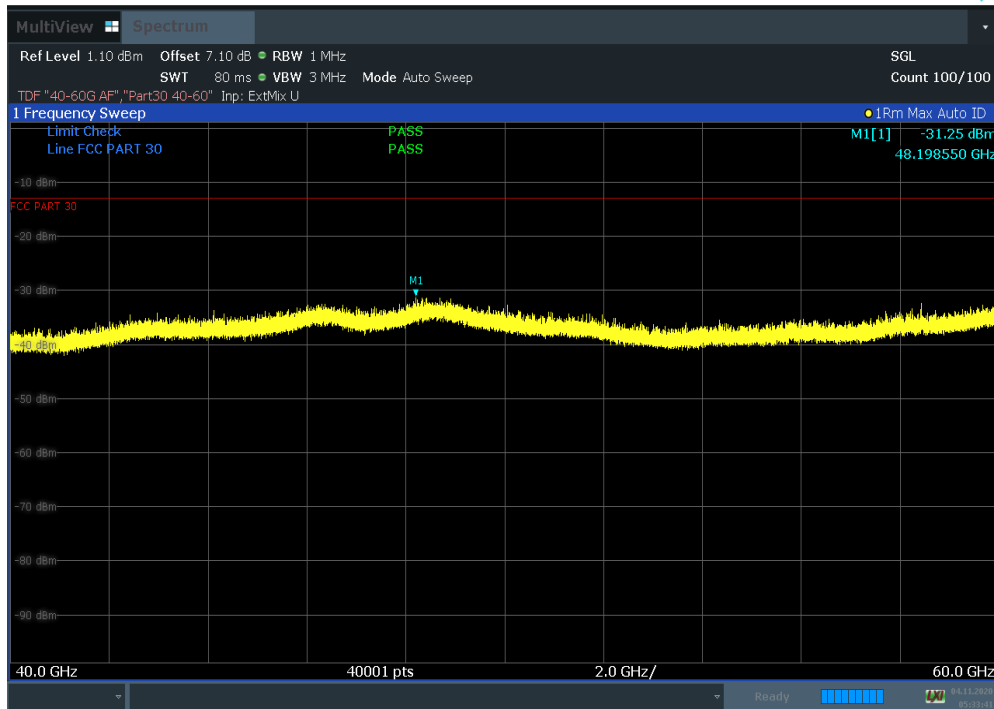
Plot 7-403. Radiated Spurious Plot 33.51 GHz – 33.54 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High TRP)

Configuration	Channel	Ant Pol. [Degree]	Frequency [GHz]	RSE EIRP [dBm]	TRP [dBm]	Limit [dBm]	Margin [dB]	Reference Plot
100 MHz BW 4CC NC	Low	H	33.56	-12.92	-15.66	-13	2.66	Plot. 7-329 to 7-333
		V		-13.46				
	Mid	H	33.59	-12.90	-22.96	-13	9.96	
		V		-13.58				
	High	H	33.62	-12.51	-22.89	-13	9.89	
		V		-12.60				
50 MHz BW 2CC + 100 MHz BW 3CC	Low	H	33.48	-10.10	-21.60	-13	8.60	Plot. 7-344 to 7-348
		V		-11.17				
	Mid	H	33.75	-13.50	-21.67	-13	8.67	
		V		-13.66				
	High	H	34.02	-14.39	-21.92	-13	8.92	
		V		-15.34				
50 MHz BW 2CC + 100 MHz BW 3CC NC	Low	H	33.53	-11.10	-20.25	-13	7.25	Plot. 7-359 to 7-363
		V		-11.80				
	Mid	H	33.56	-10.88	-20.74	-13	7.74	
		V		-12.76				
	High	H	33.59	-13.12	-21.28	-13	8.28	
		V		-13.97				
50 MHz BW 2CC + 100 MHz BW 6CC	Low	H	33.48	-12.65	-20.90	-13	7.90	Plot. 7-374 to 7-378
		V		-12.19				
	Mid	H	33.57	-12.25	-20.95	-13	7.95	
		V		-13.11				
	High	H	33.66	-12.81	-21.28	-13	8.28	
		V		-13.02				
50 MHz BW 2CC + 100 MHz BW 6CC NC	Low	H	33.47	-10.41	-20.31	-13	7.31	Plot. 7-389 to 7-393
		V		-11.96				
	Mid	H	33.50	-10.43	-20.87	-13	7.87	
		V		-12.57				
	High	H	33.53	-10.34	-20.82	-13	7.82	
		V		-11.01				

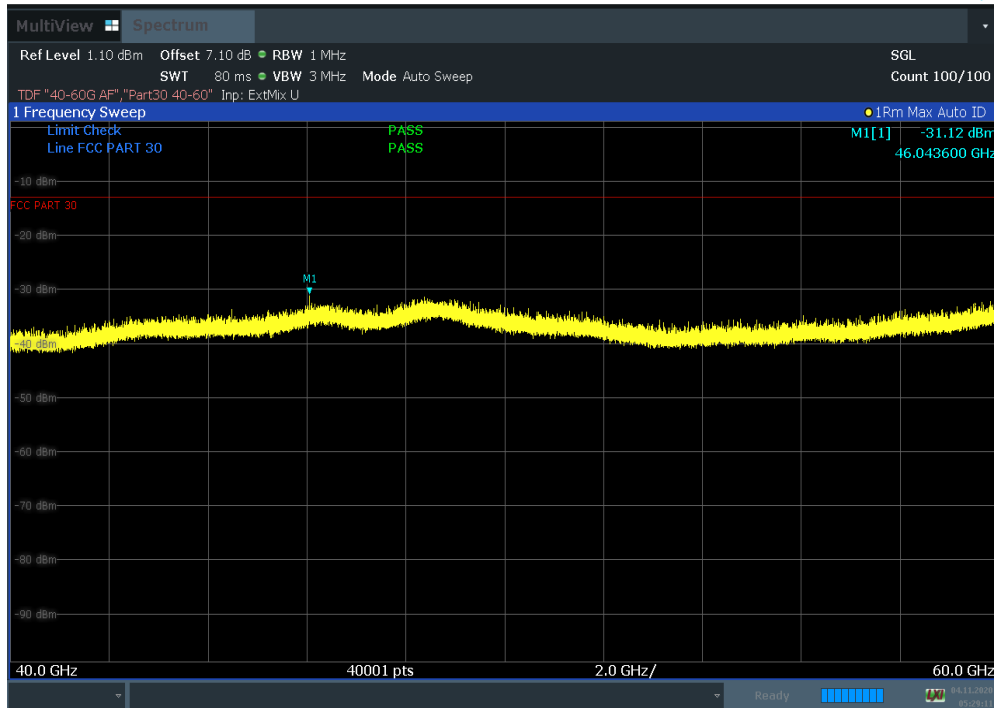
Table 7-24. Radiated Spurious Emissions (33 GHz – 40 GHz)

FCC ID: A3LAT1K01-A10	 MEASUREMENT REPORT (Class II Permissive Change) 		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)	Page 240 of 322

7.5.6 Radiated Spurious Emissions Plots (40 GHz to 60 GHz)

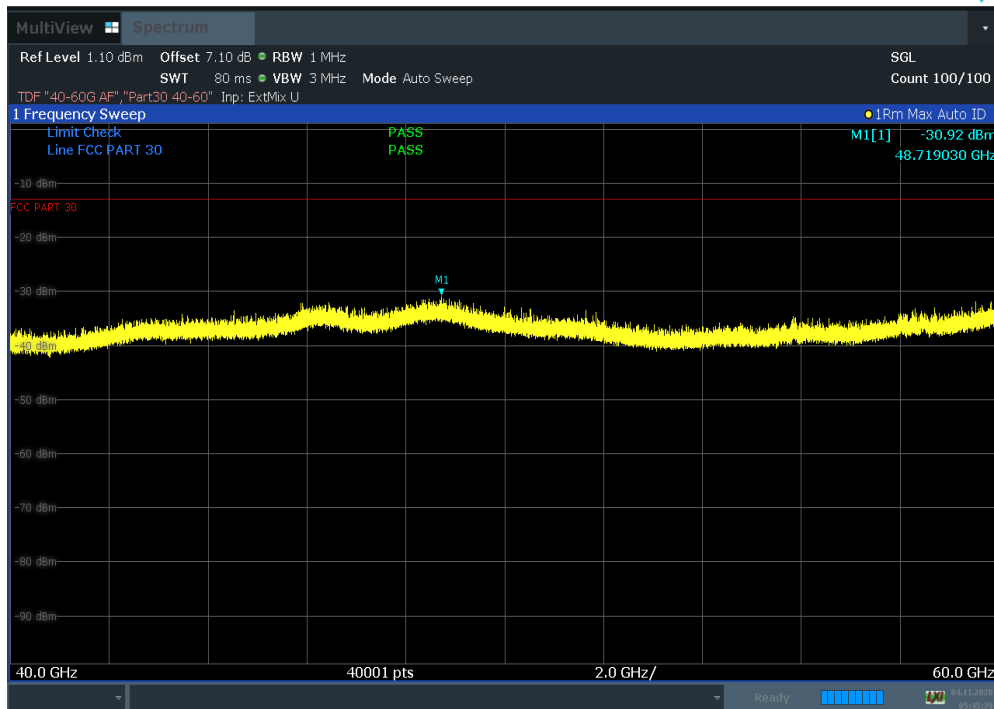


Plot 7-404. Radiated Spurious Plot 40 GHz – 60 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. H)

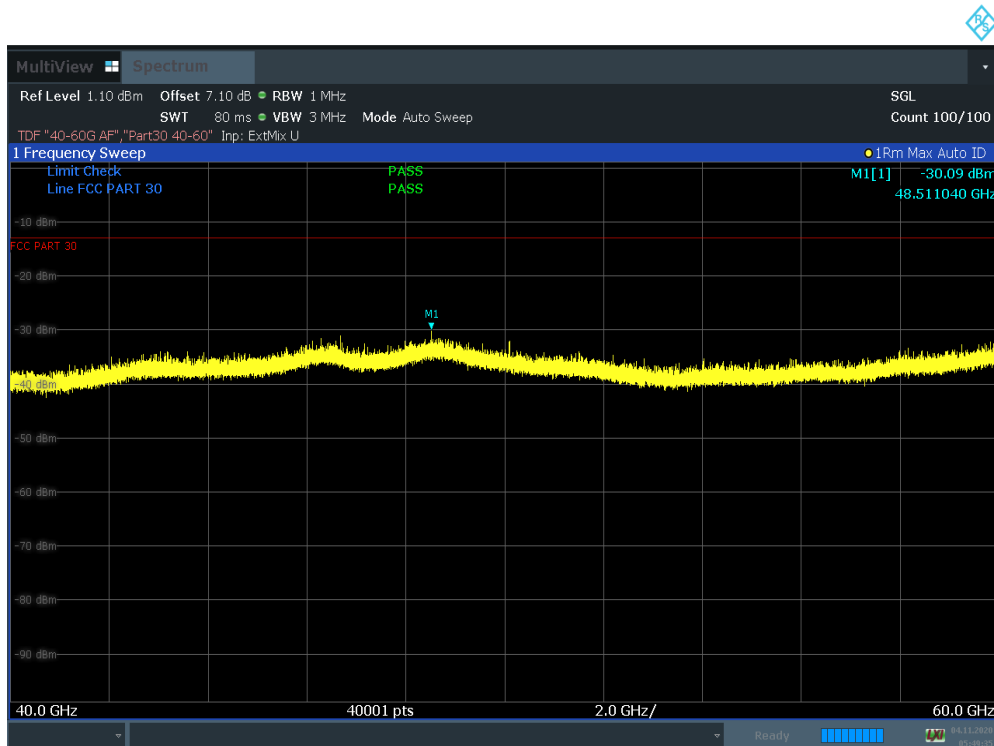


Plot 7-405. Radiated Spurious Plot 40 GHz – 60 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 241 of 322

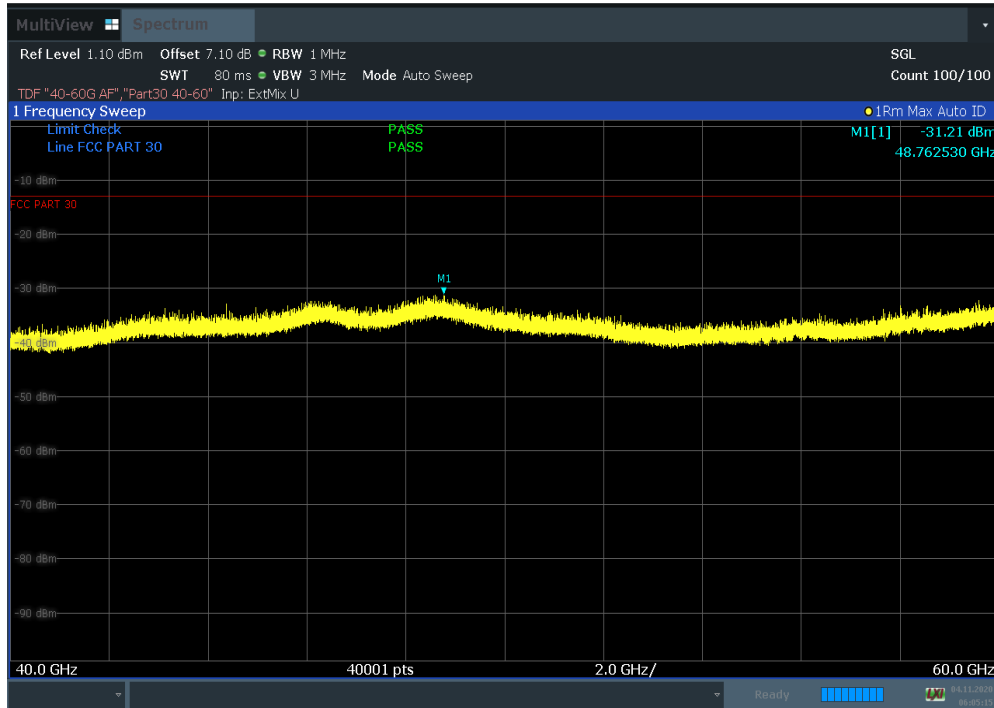


Plot 7-406. Radiated Spurious Plot 40 GHz – 60 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. H)

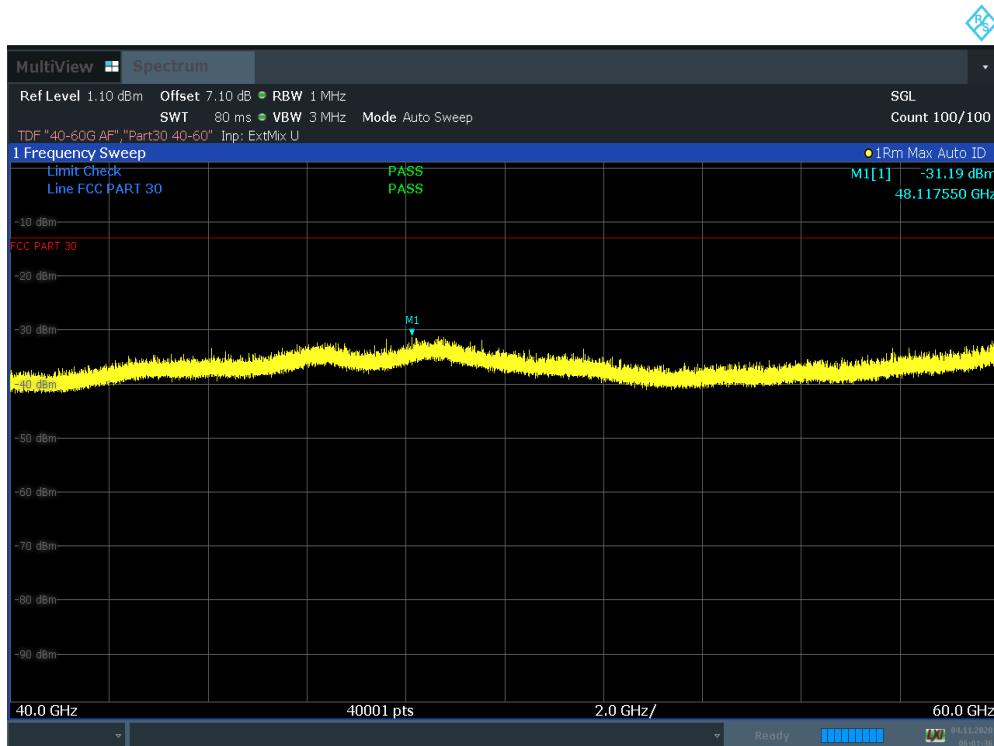


Plot 7-407. Radiated Spurious Plot 40 GHz – 60 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 242 of 322

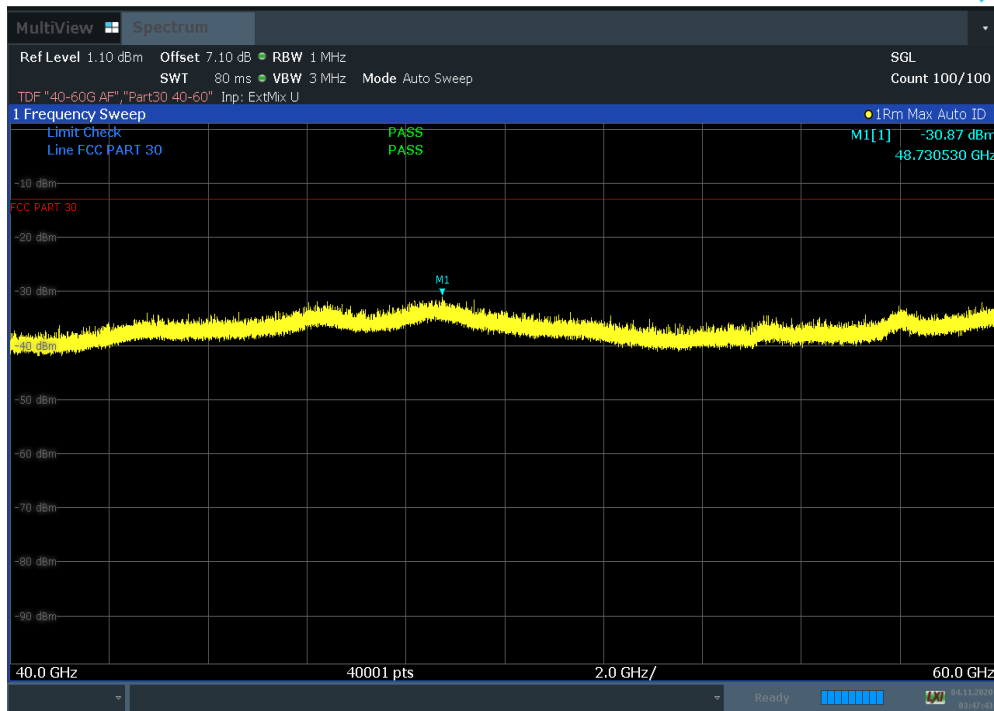


Plot 7-408. Radiated Spurious Plot 40 GHz – 60 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. H)

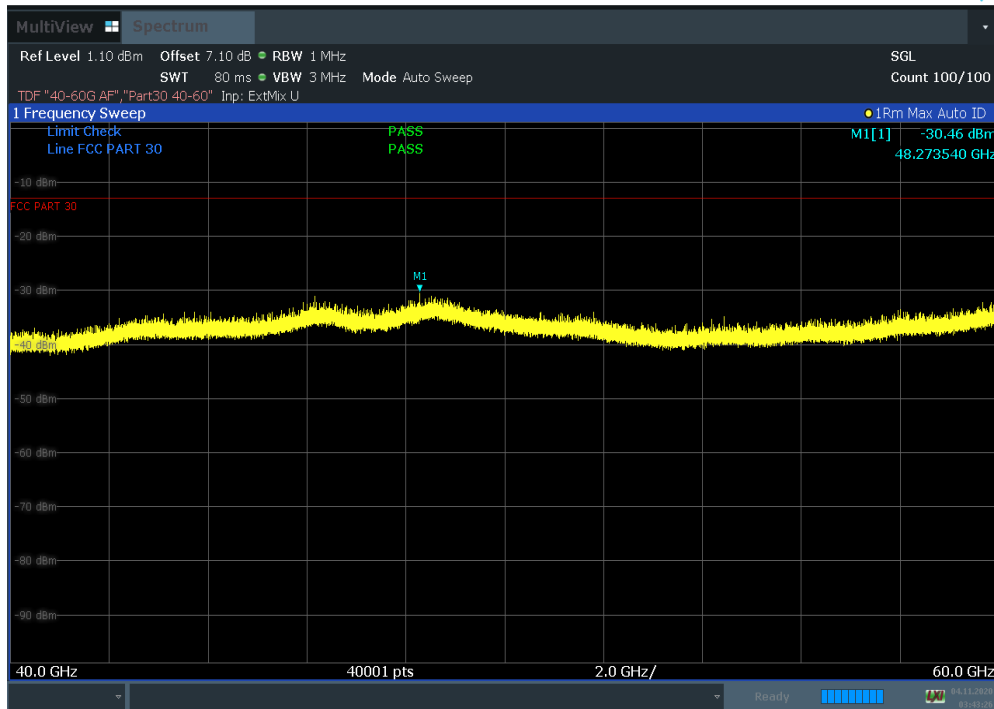


Plot 7-409. Radiated Spurious Plot 40 GHz – 60 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 243 of 322

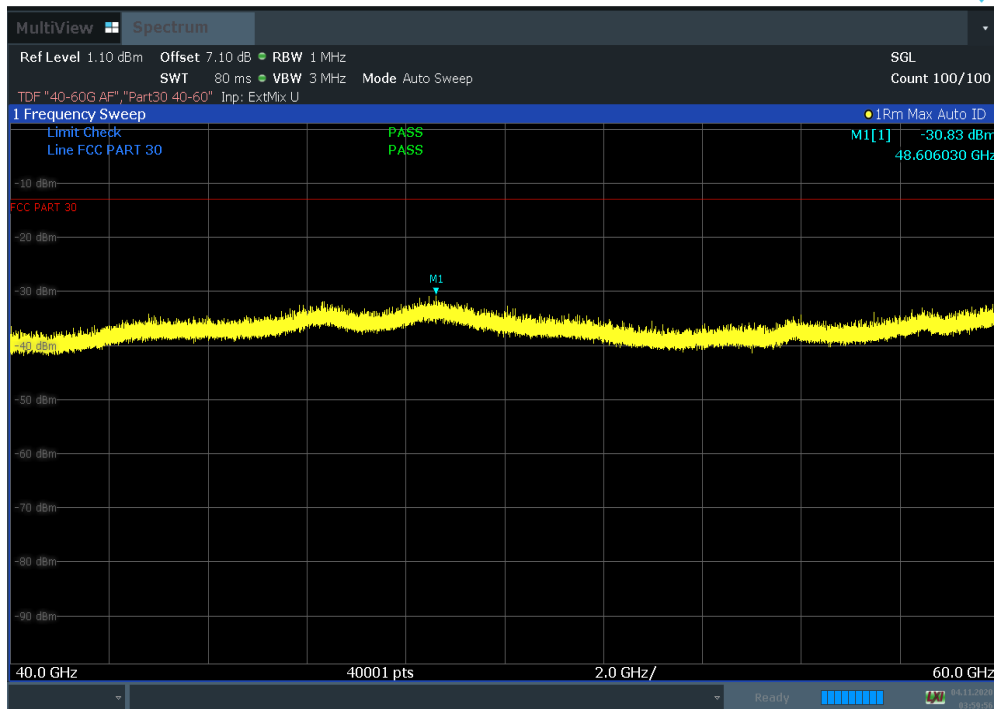


Plot 7-410. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. H)

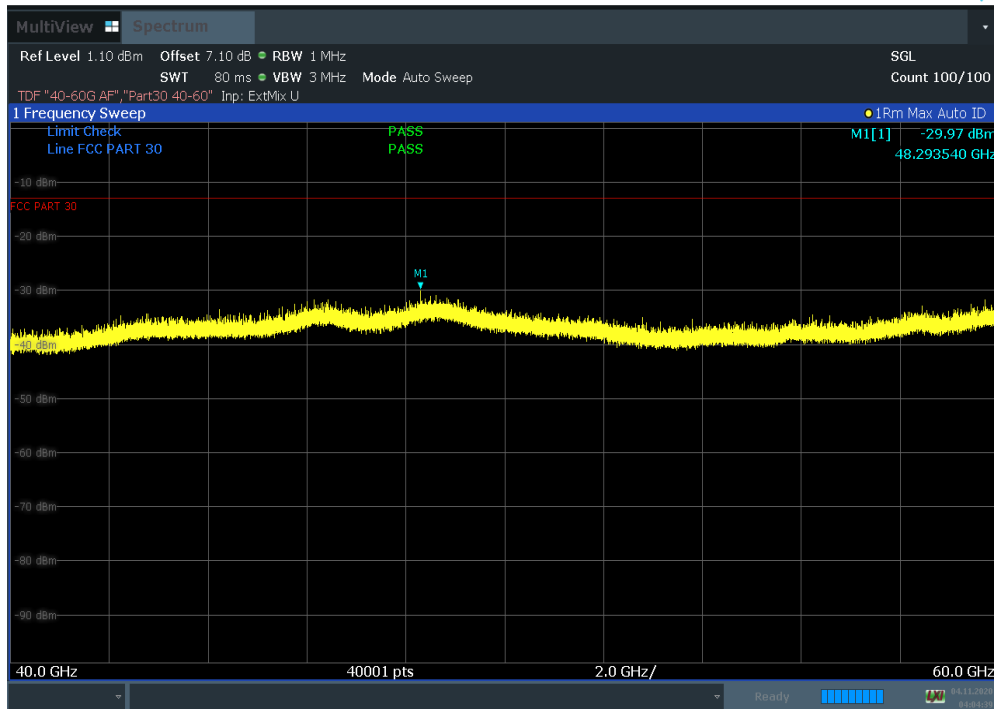


Plot 7-411. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 244 of 322

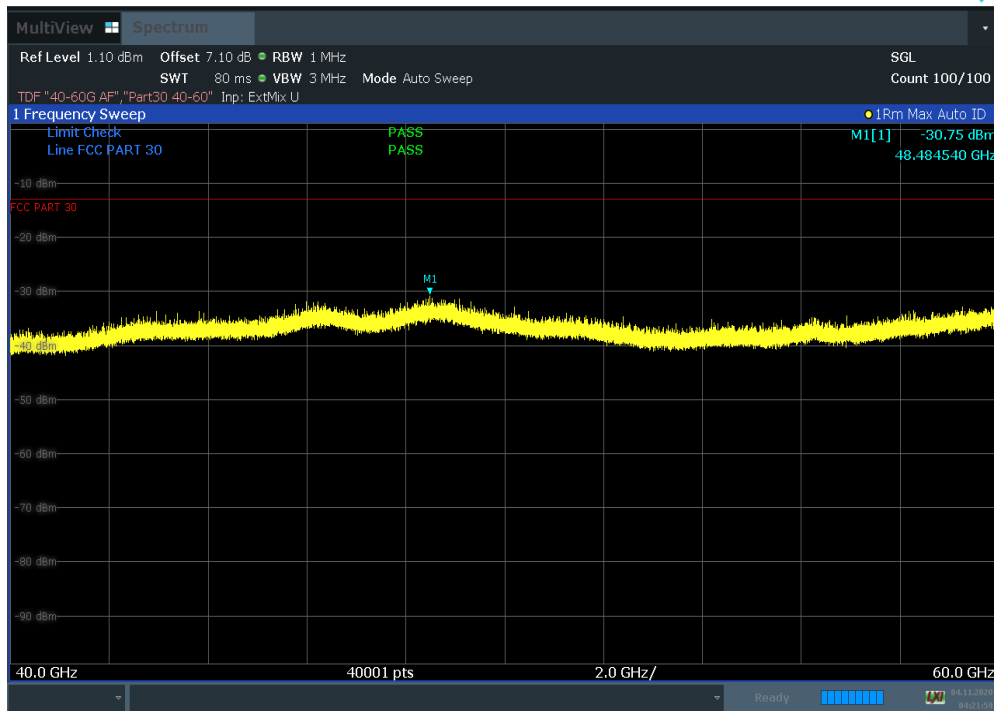


Plot 7-412. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. H)

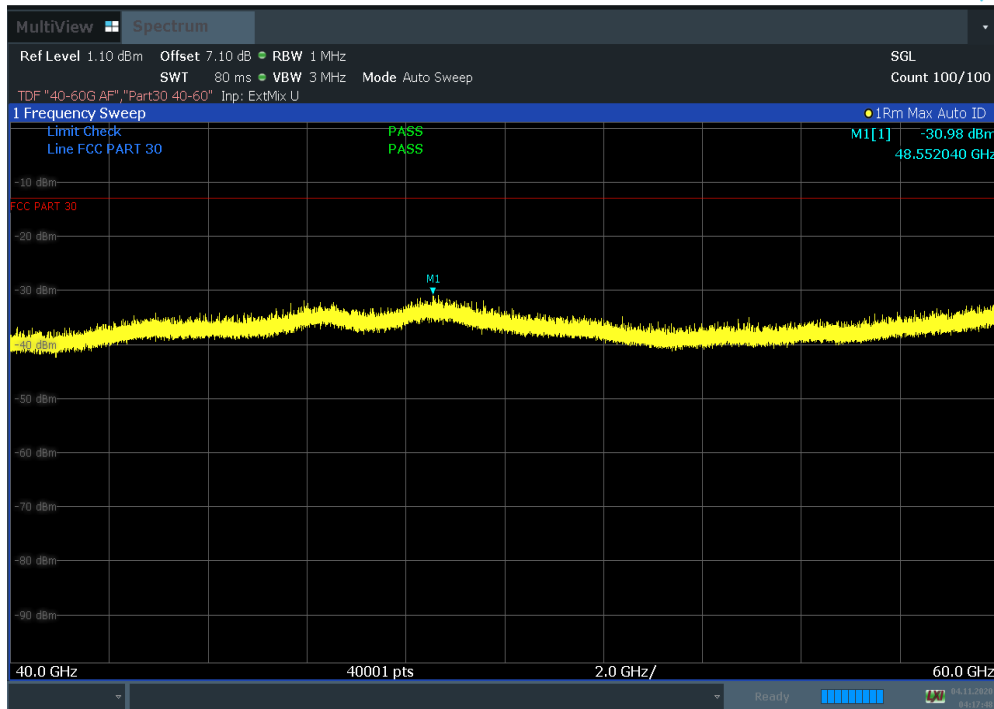


Plot 7-413. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 245 of 322

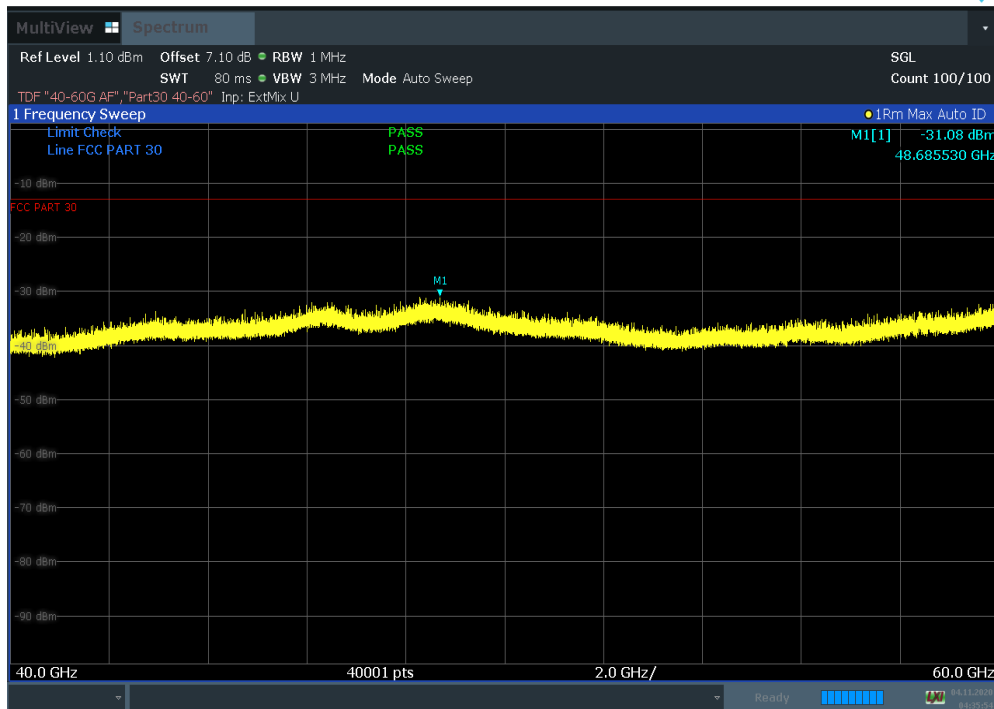


Plot 7-414. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. H)

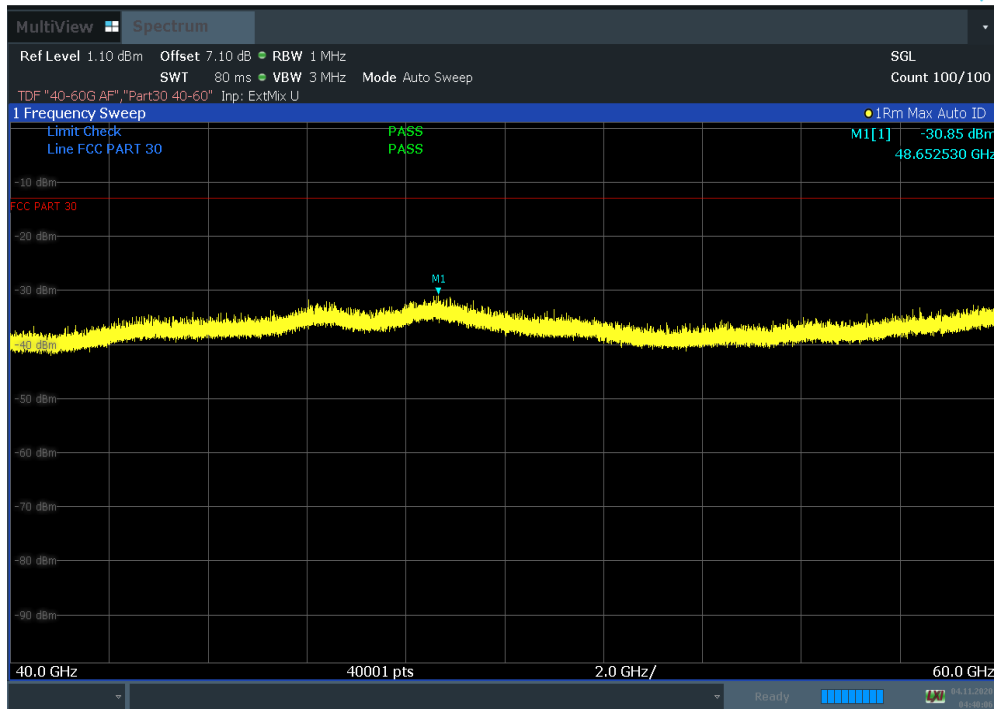


Plot 7-415. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 246 of 322

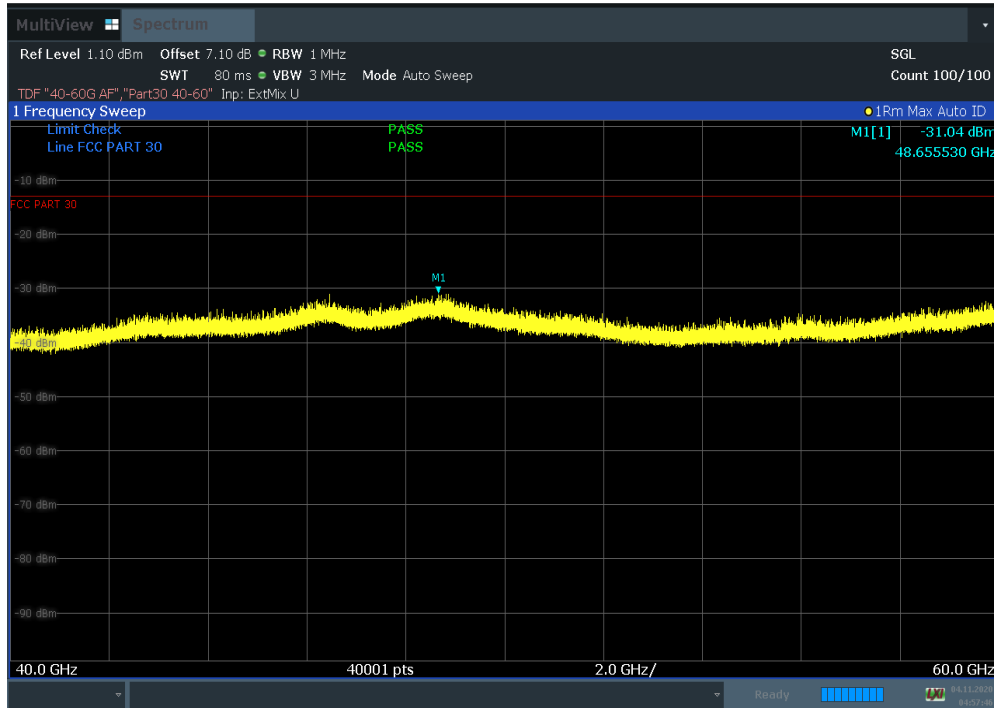


Plot 7-416. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. H)

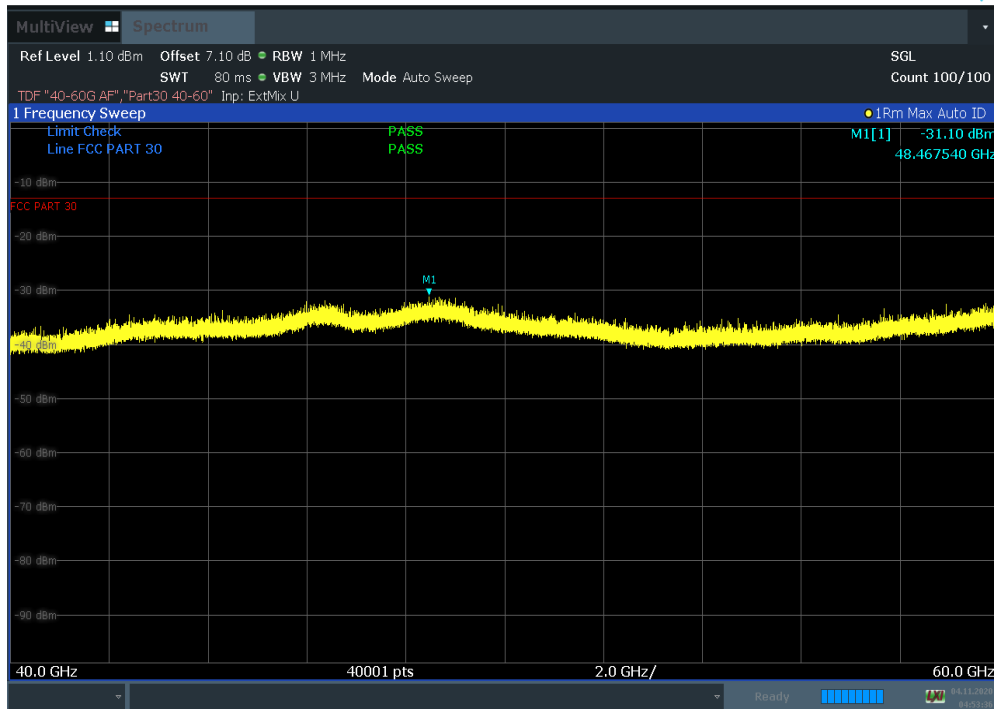


Plot 7-417. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 247 of 322

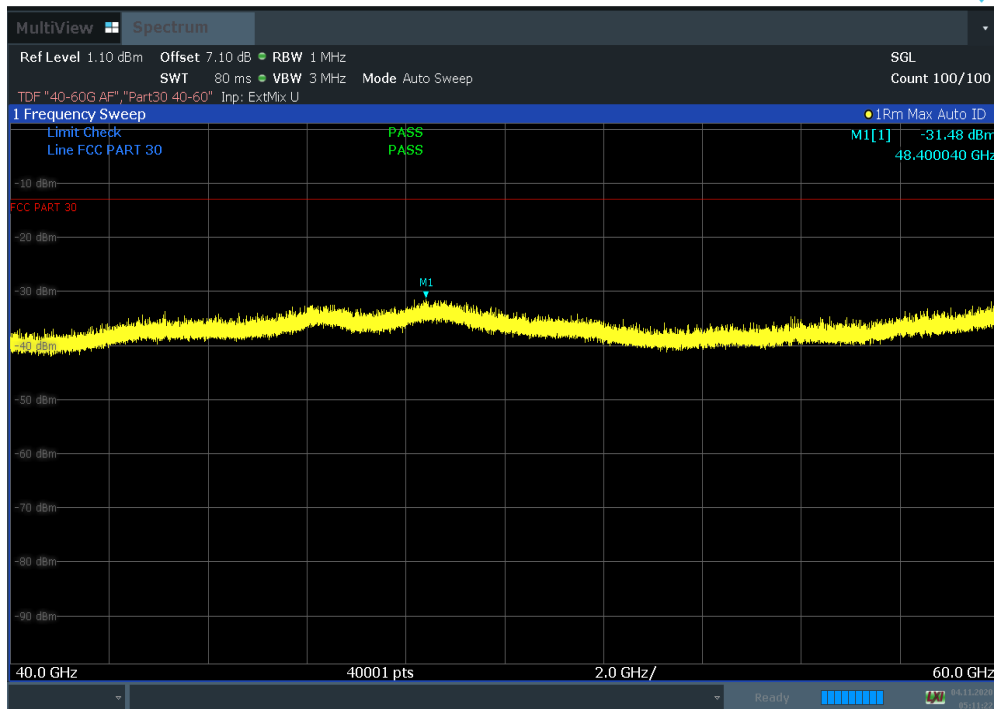


Plot 7-418. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. H)

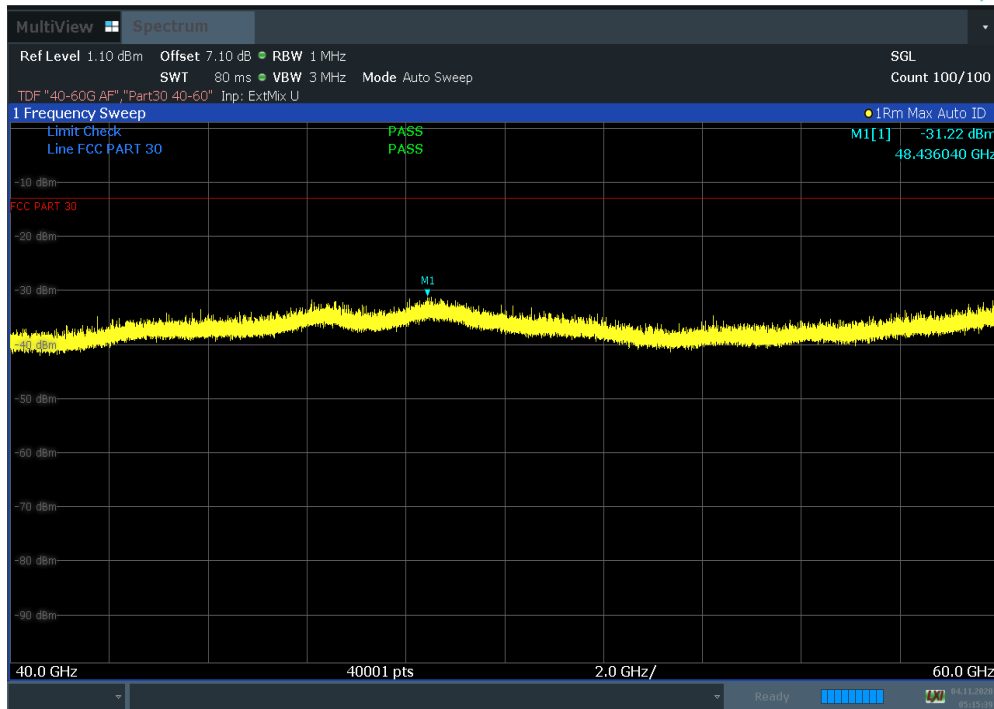


Plot 7-419. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 248 of 322

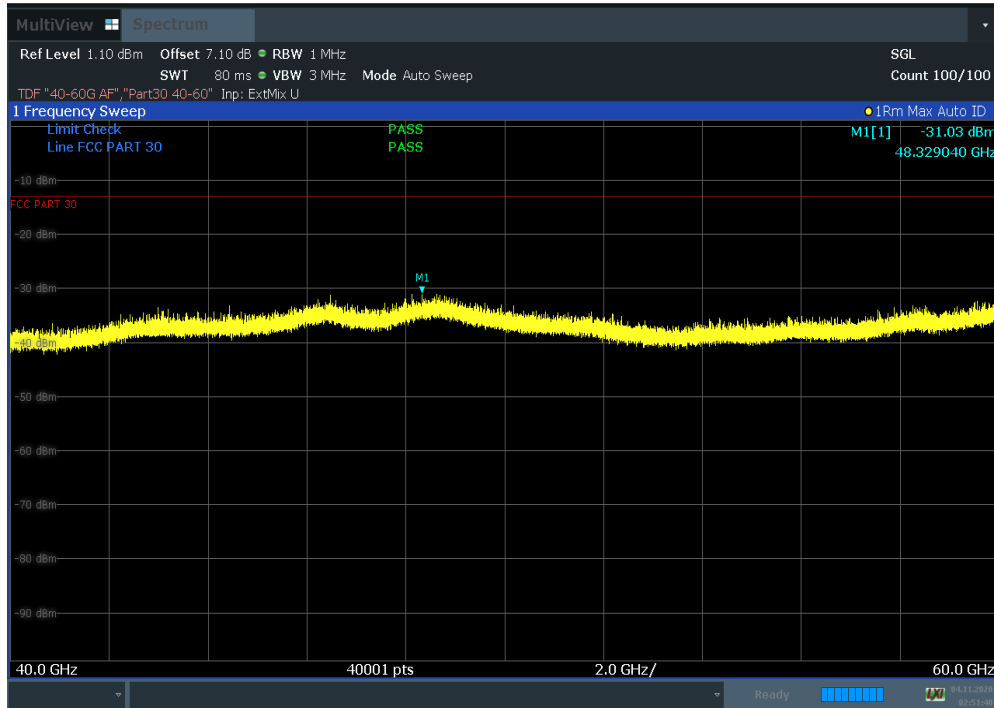


Plot 7-420. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. H)

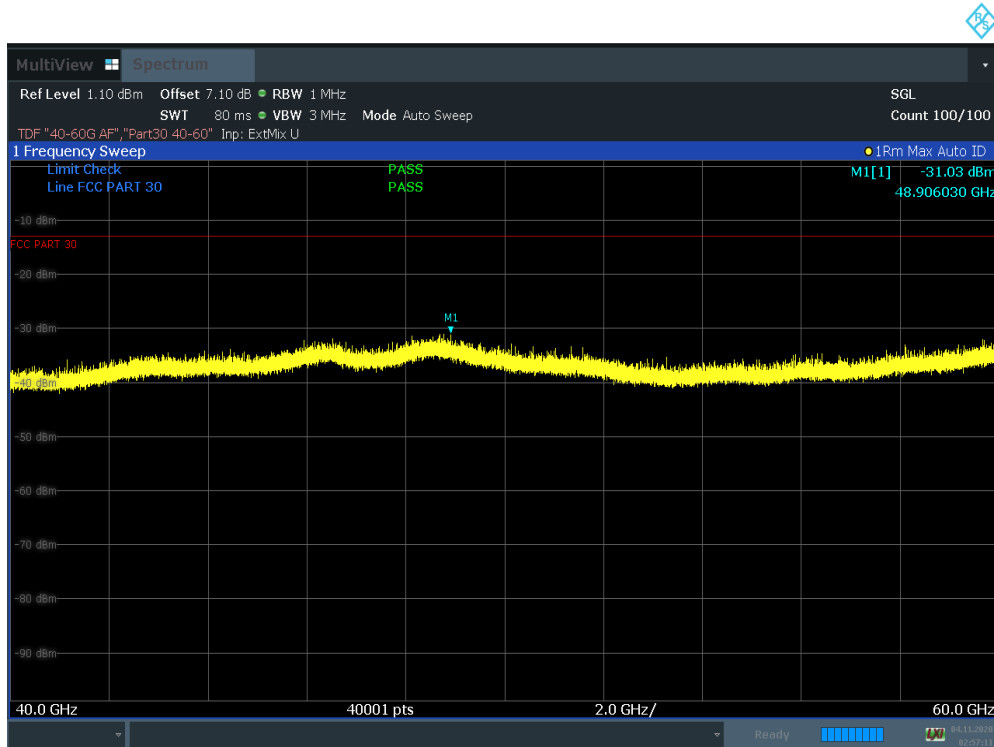


Plot 7-421. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 249 of 322

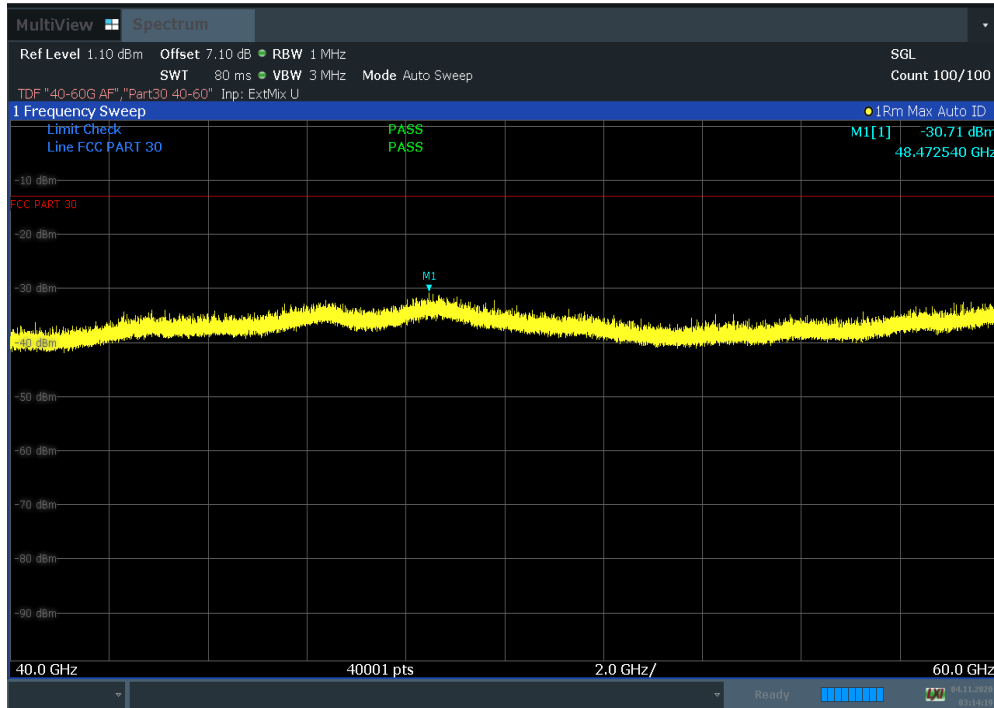


Plot 7-422. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. H)

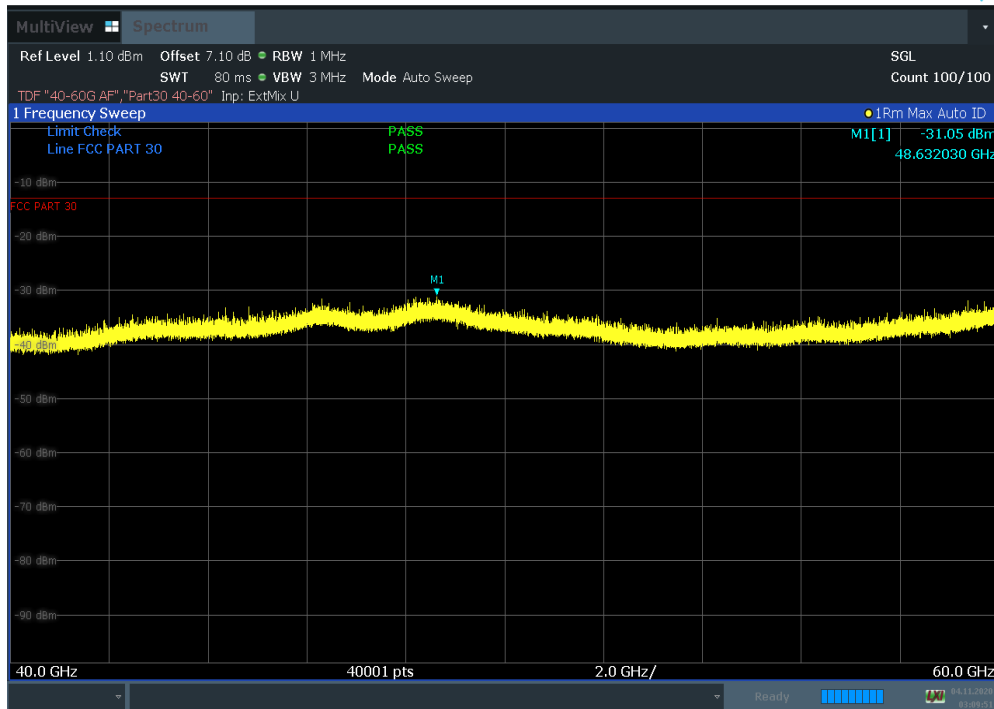


Plot 7-423. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 250 of 322

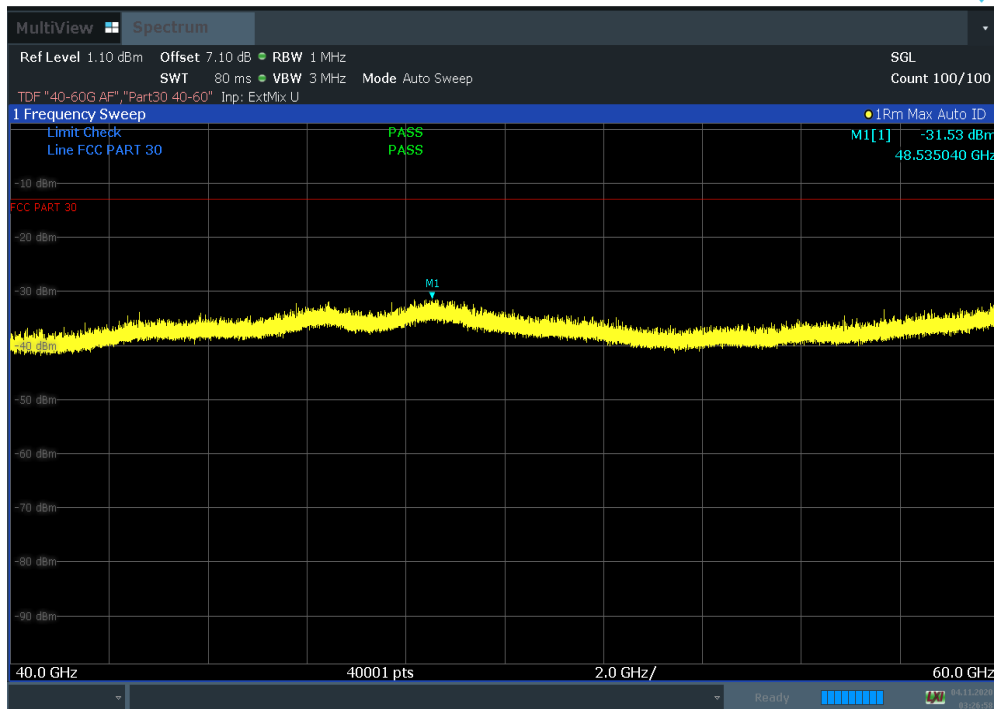


Plot 7-424. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. H)

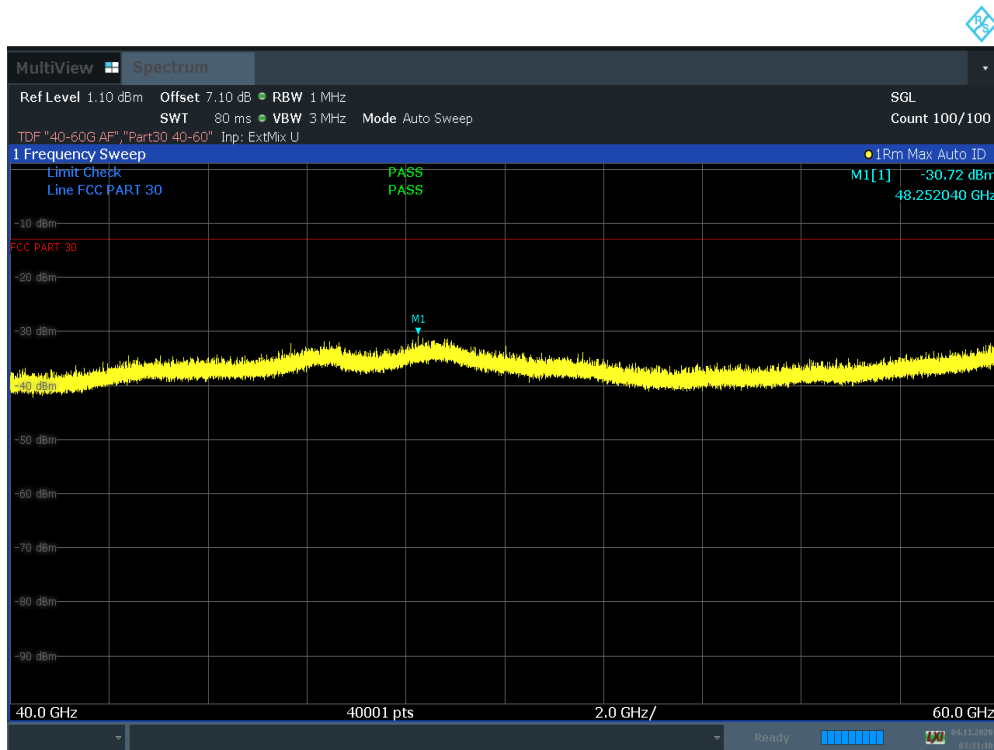


Plot 7-425. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 251 of 322

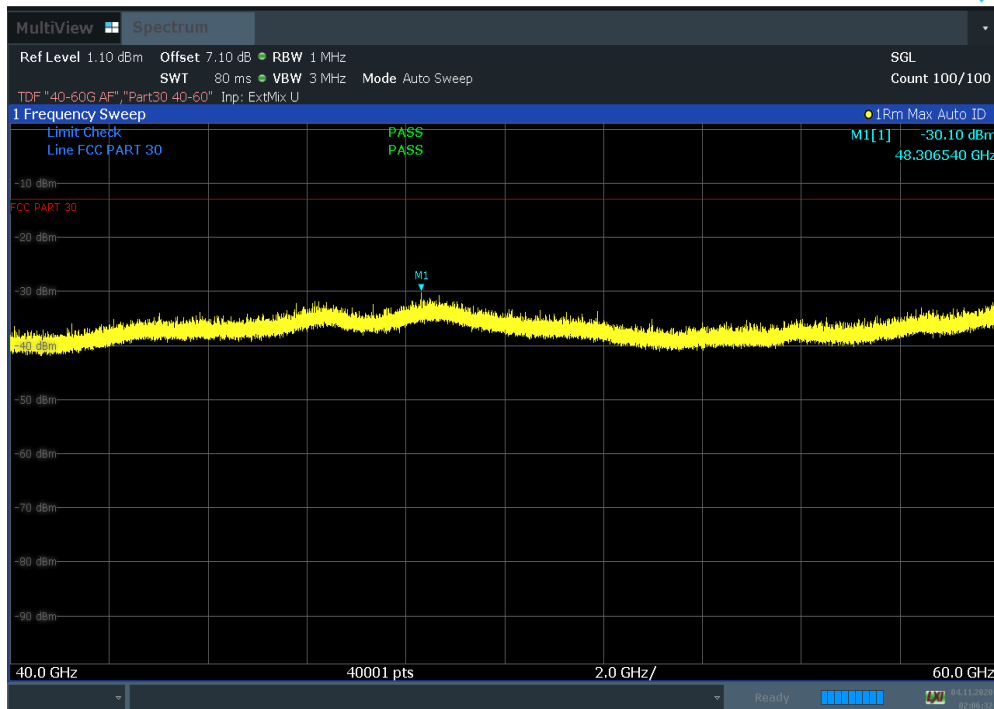


Plot 7-426. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. H)

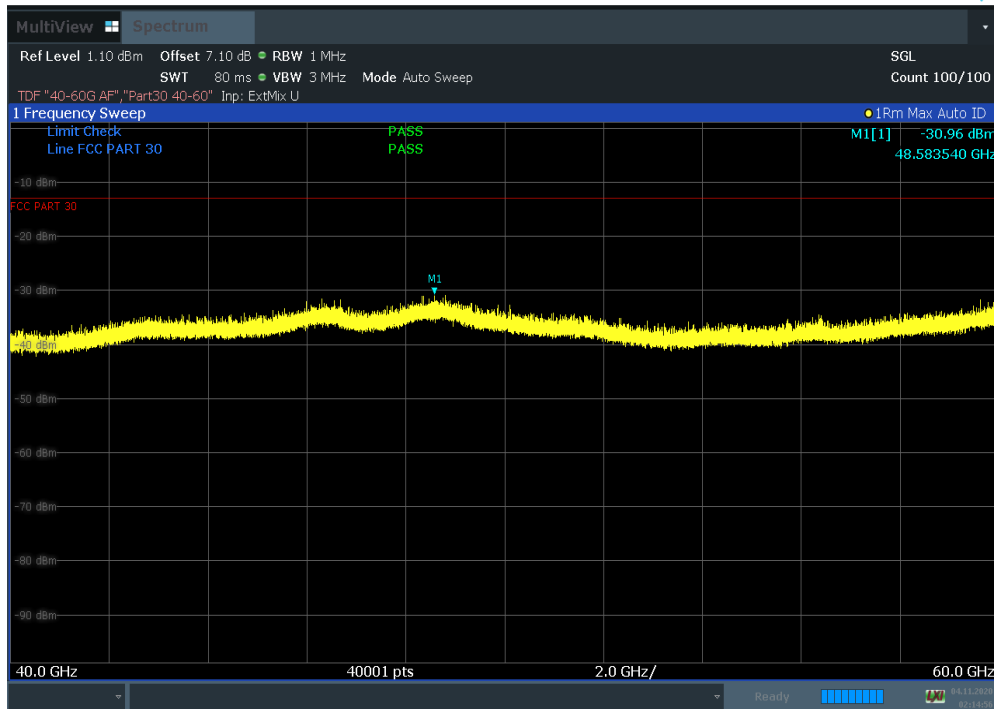


Plot 7-427. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 252 of 322

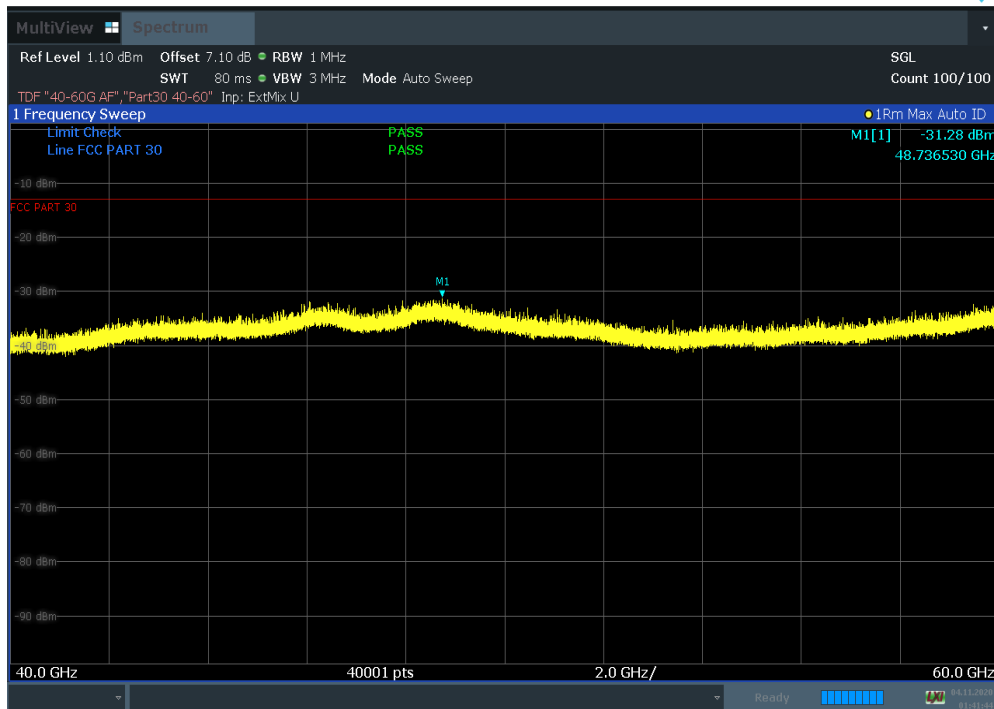


Plot 7-428. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. H)

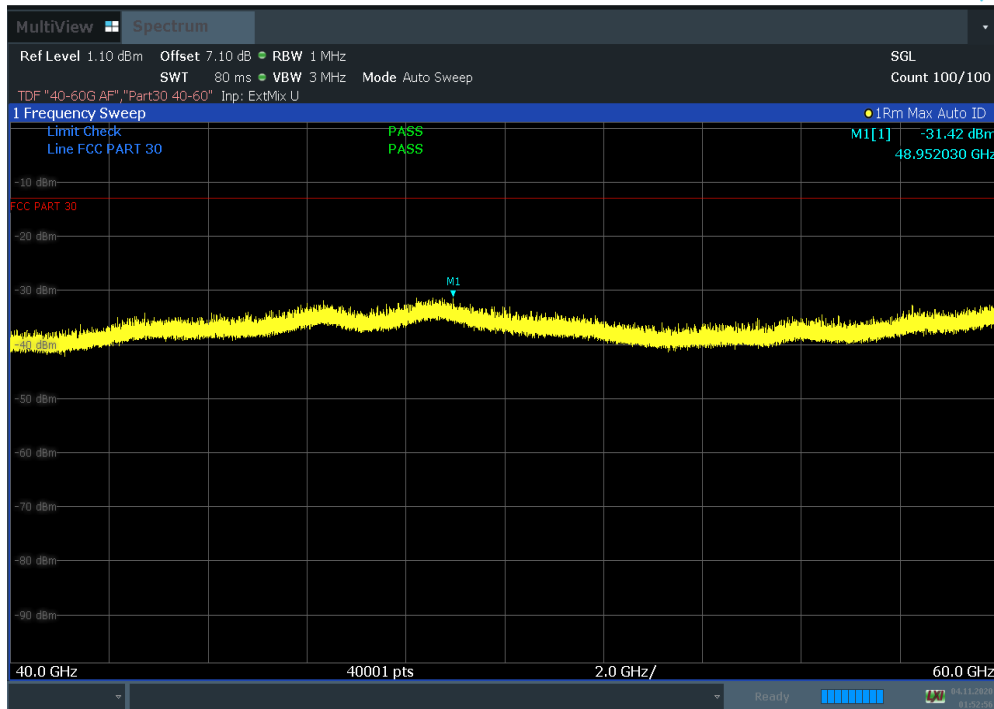


Plot 7-429. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 253 of 322

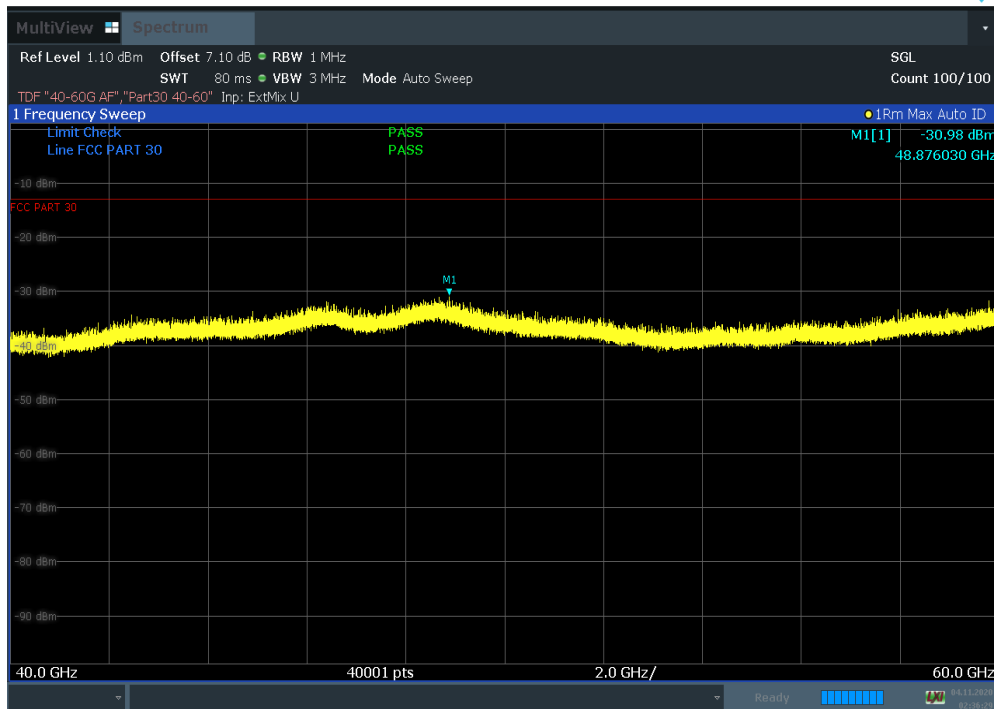


Plot 7-430. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H)

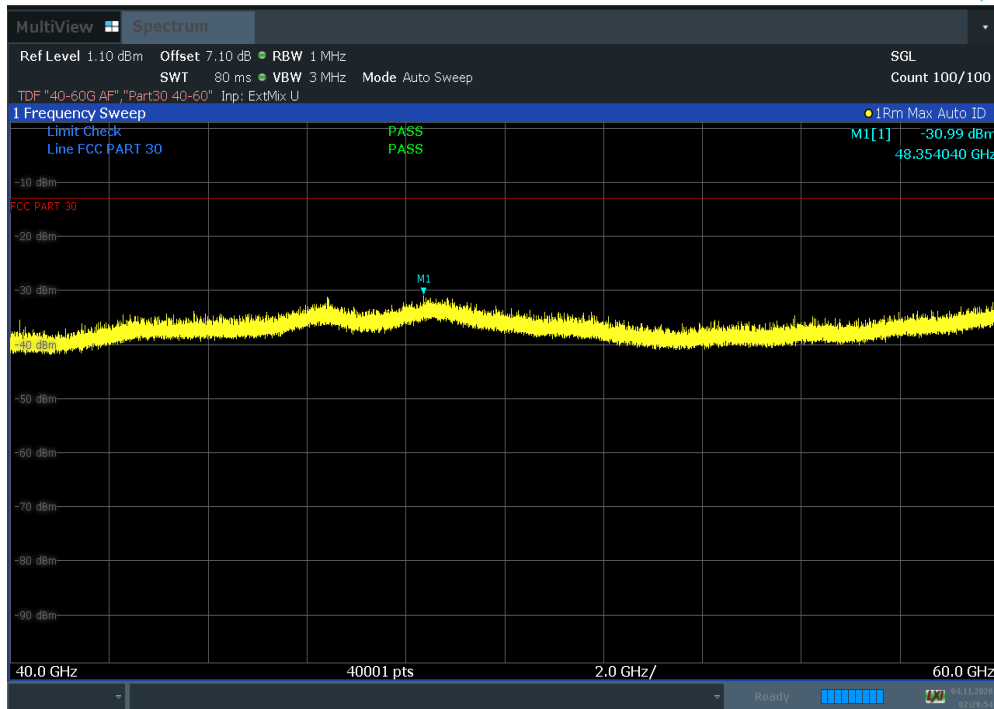


Plot 7-431. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 254 of 322



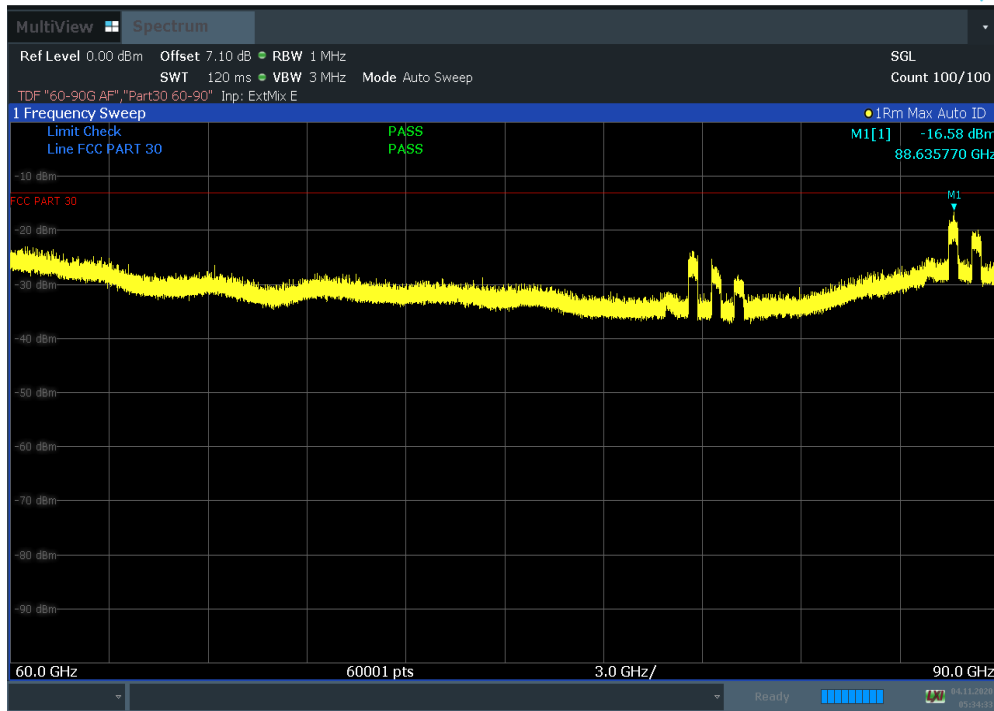
Plot 7-432. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)



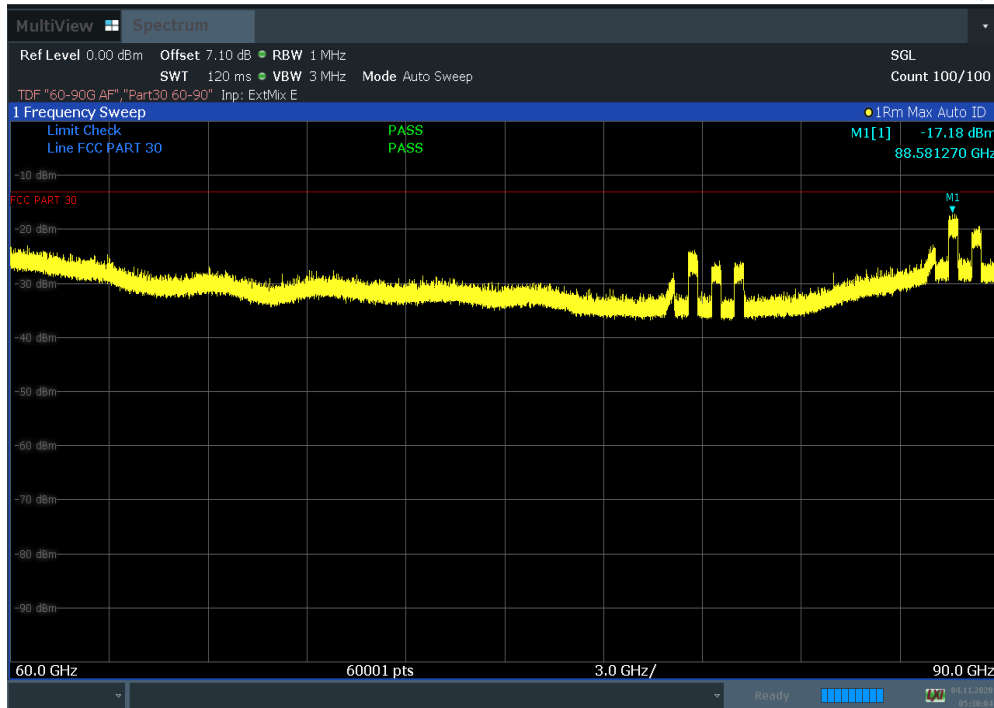
Plot 7-433. Radiated Spurious Plot 40 GHz – 60 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 255 of 322

7.5.7 Radiated Spurious Emissions Plots (60 GHz to 90 GHz)

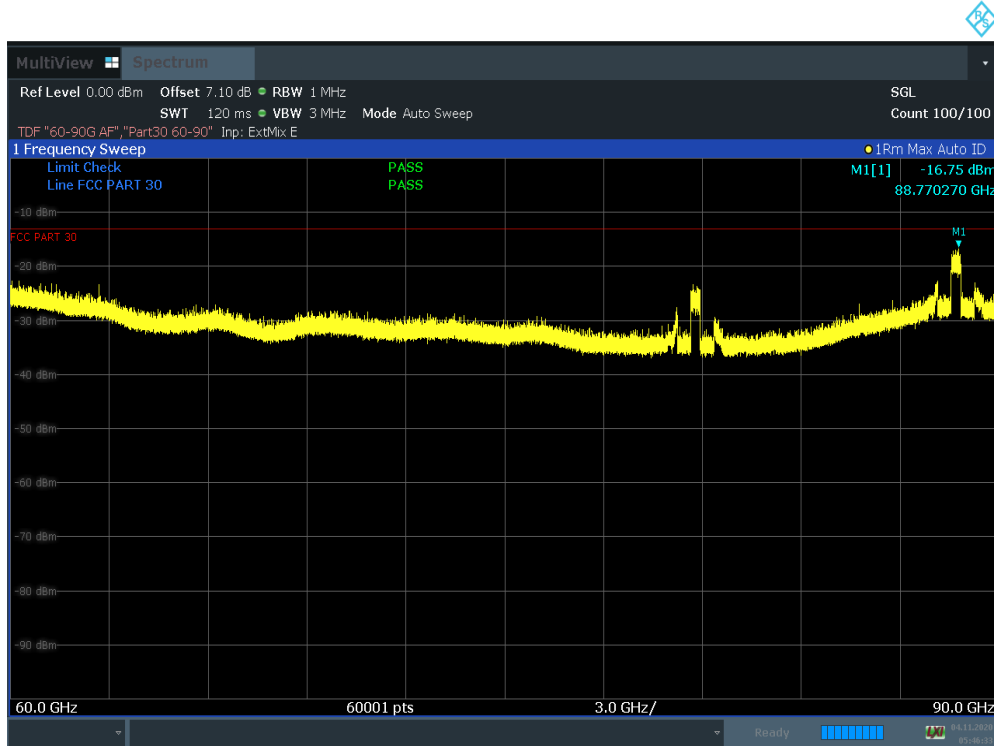


Plot 7-434. Radiated Spurious Plot 60 GHz – 90 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. H)

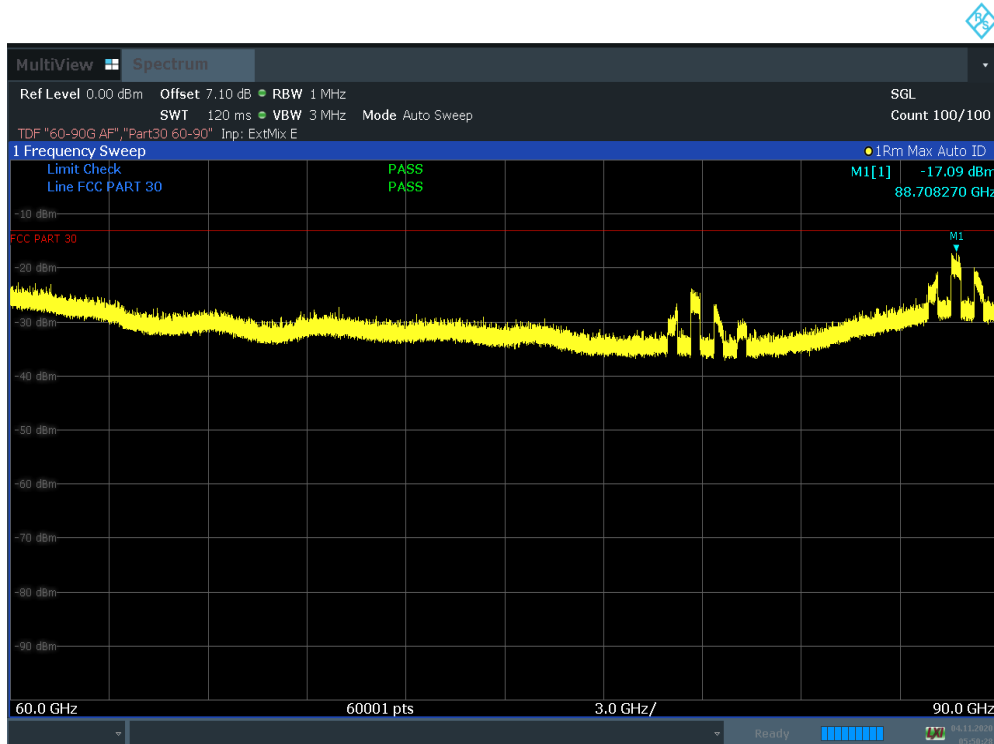


Plot 7-435. Radiated Spurious Plot 60 GHz – 90 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 256 of 322

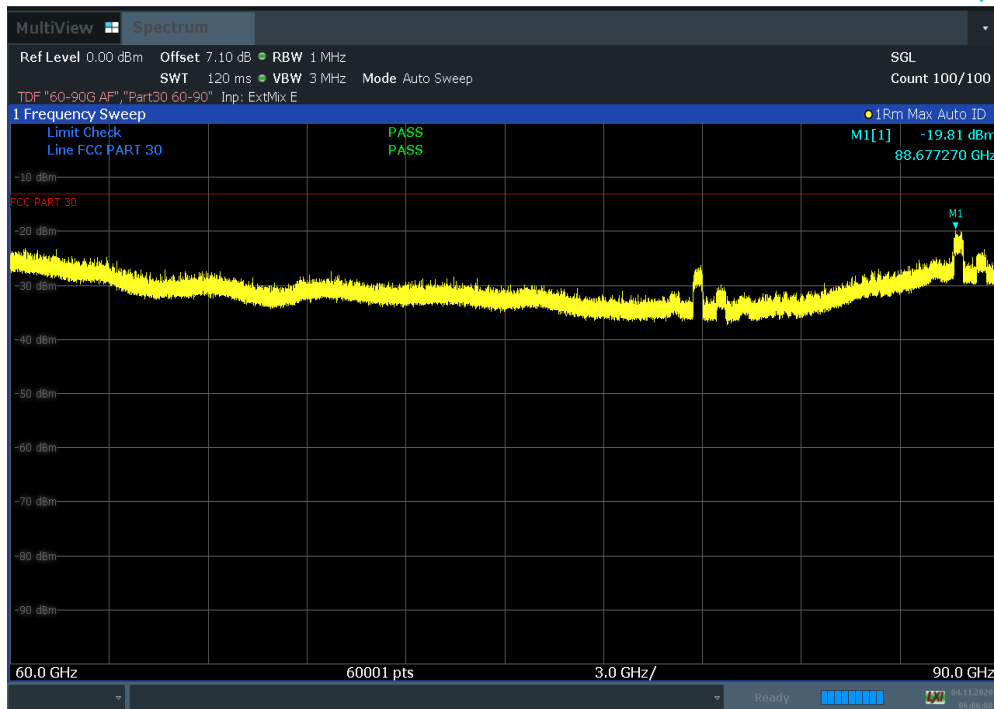


Plot 7-436. Radiated Spurious Plot 60 GHz – 90 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. H)

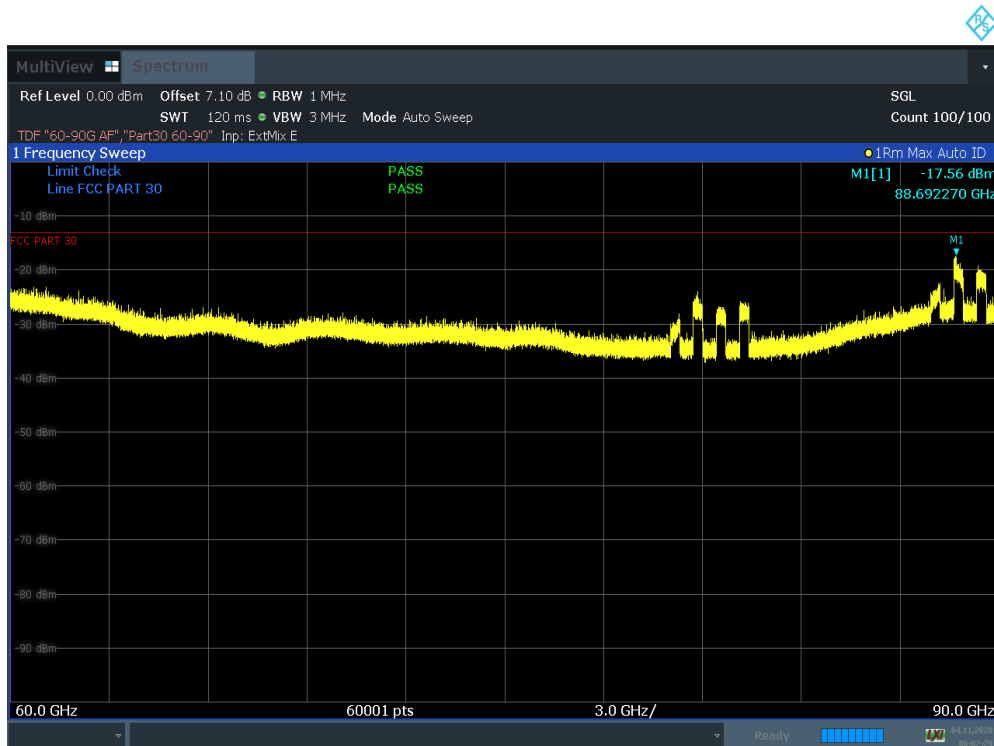


Plot 7-437. Radiated Spurious Plot 60 GHz – 90 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 257 of 322

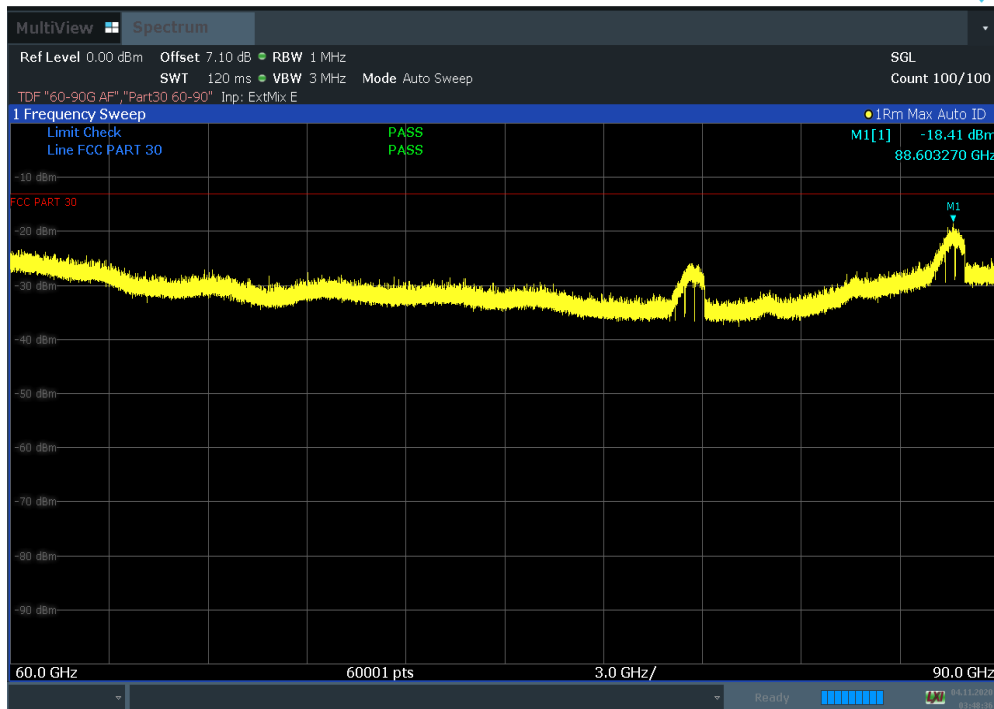


Plot 7-438. Radiated Spurious Plot 60 GHz – 90 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. H)

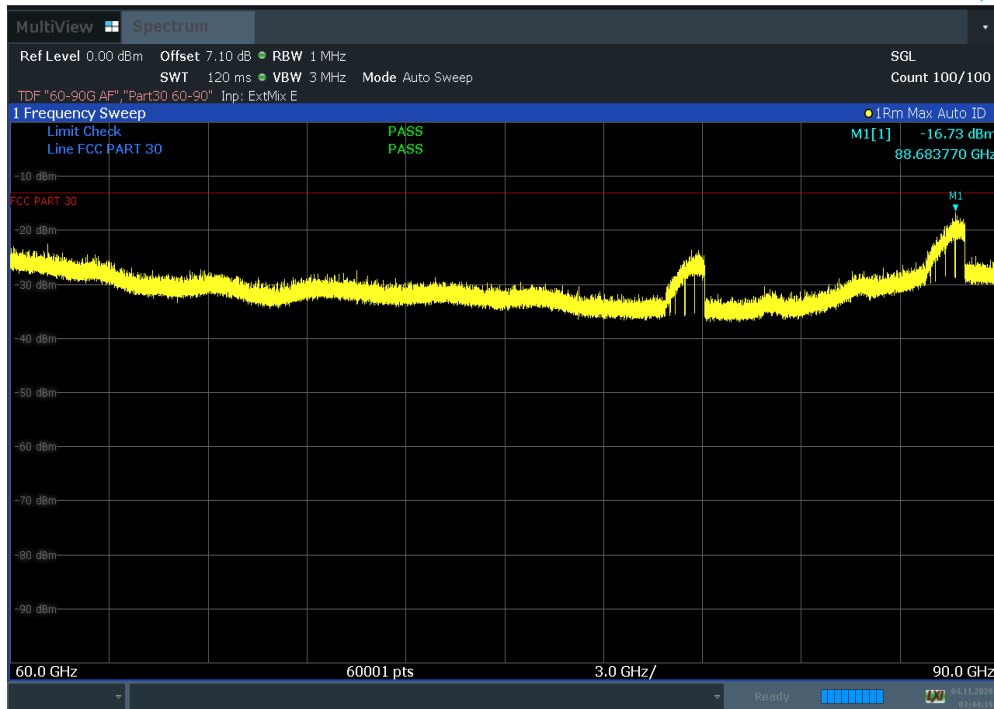


Plot 7-439. Radiated Spurious Plot 60 GHz – 90 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. V)



FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 258 of 322

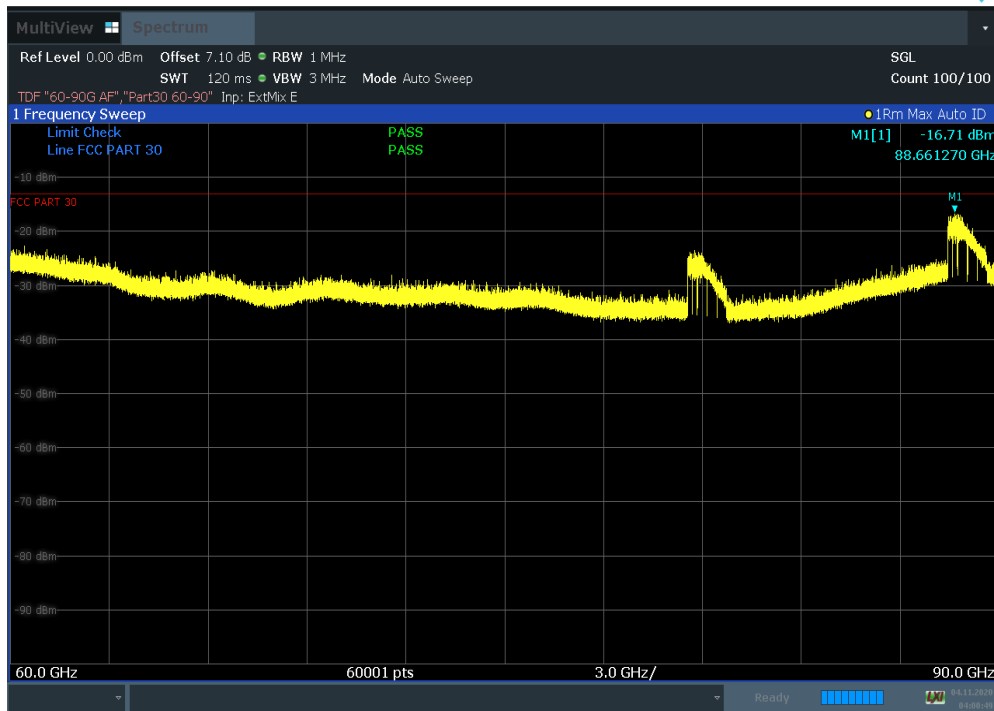


Plot 7-440. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. H)

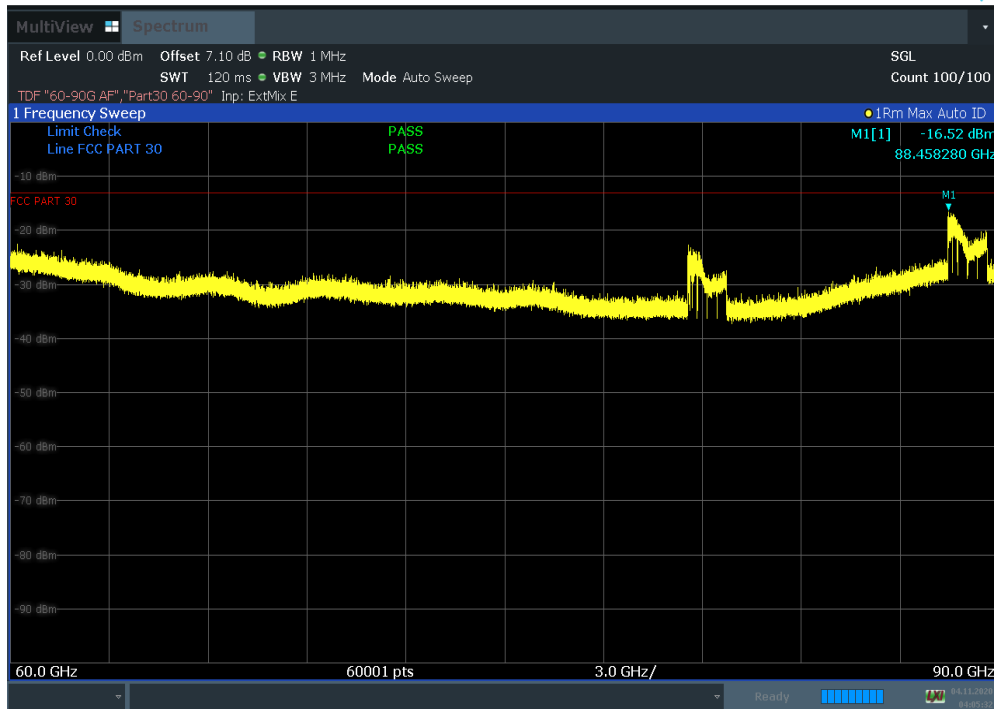


Plot 7-441. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 259 of 322

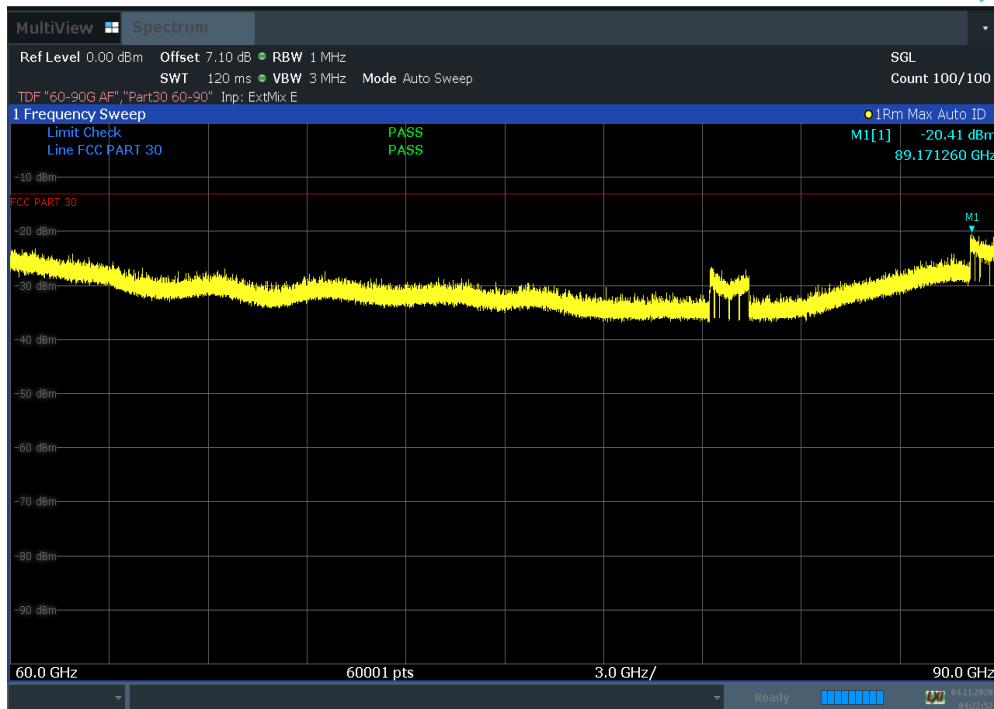


Plot 7-442. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. H)

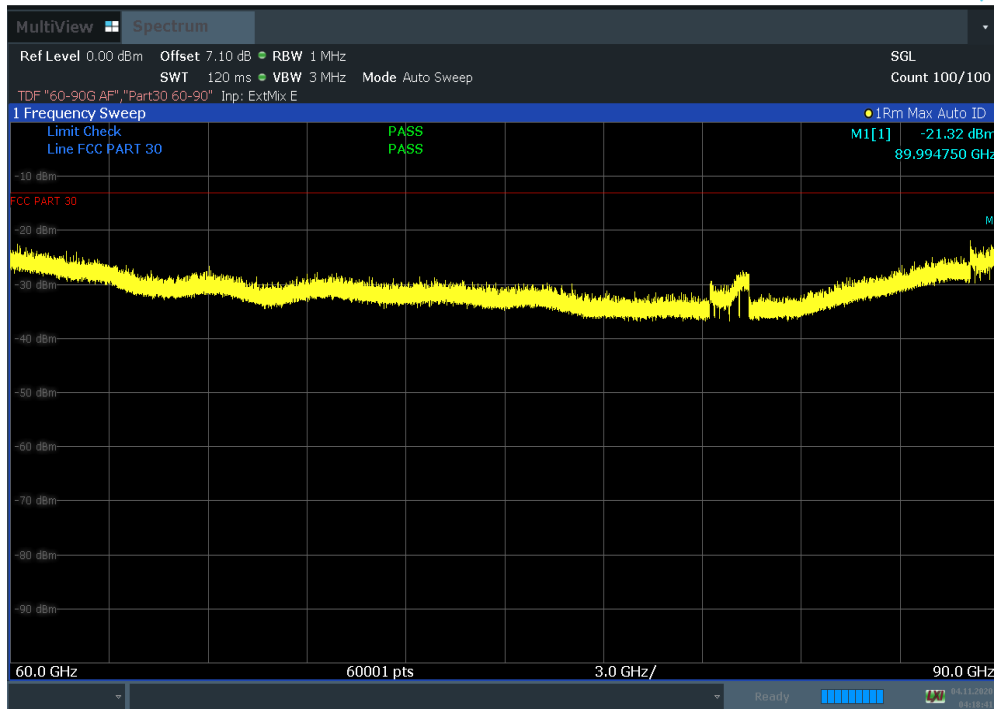


Plot 7-443. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 260 of 322

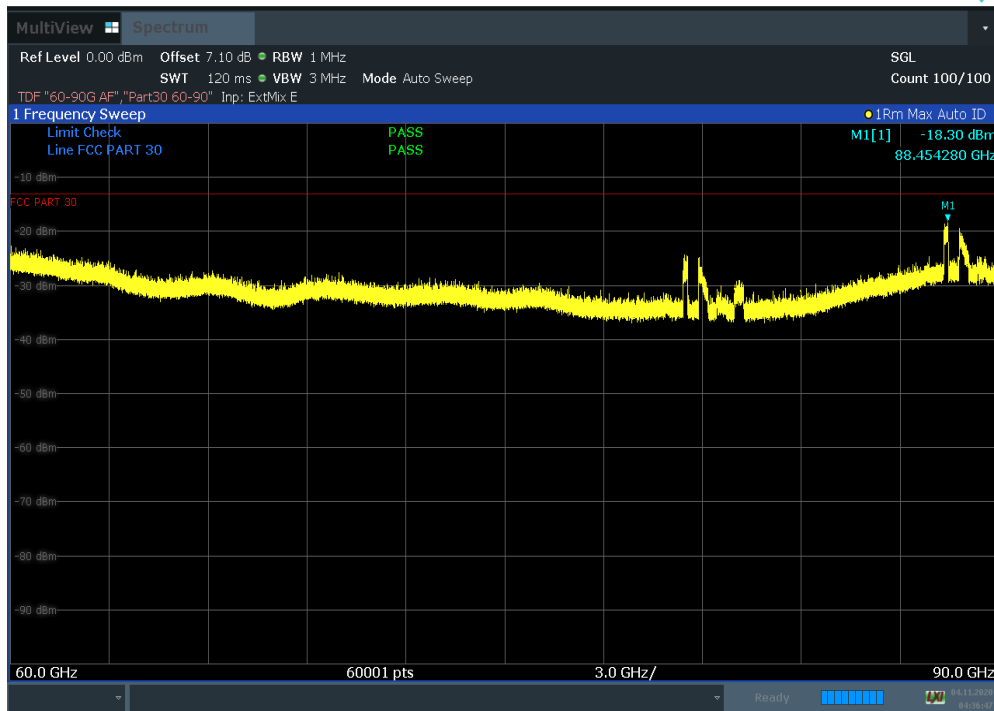


Plot 7-444. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. H)

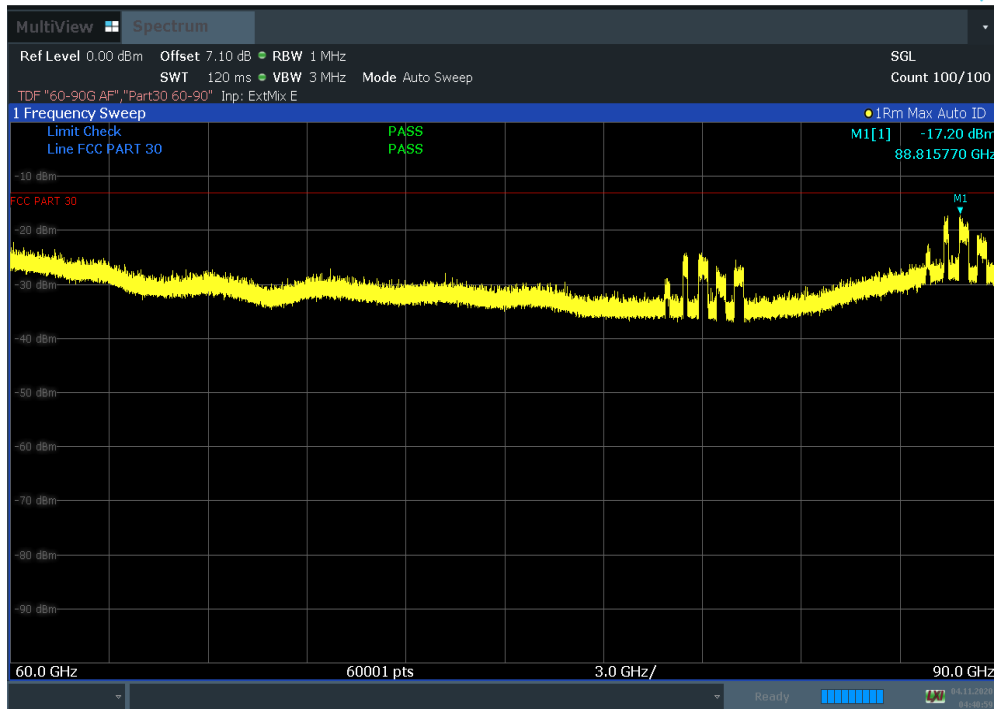


Plot 7-445. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 261 of 322

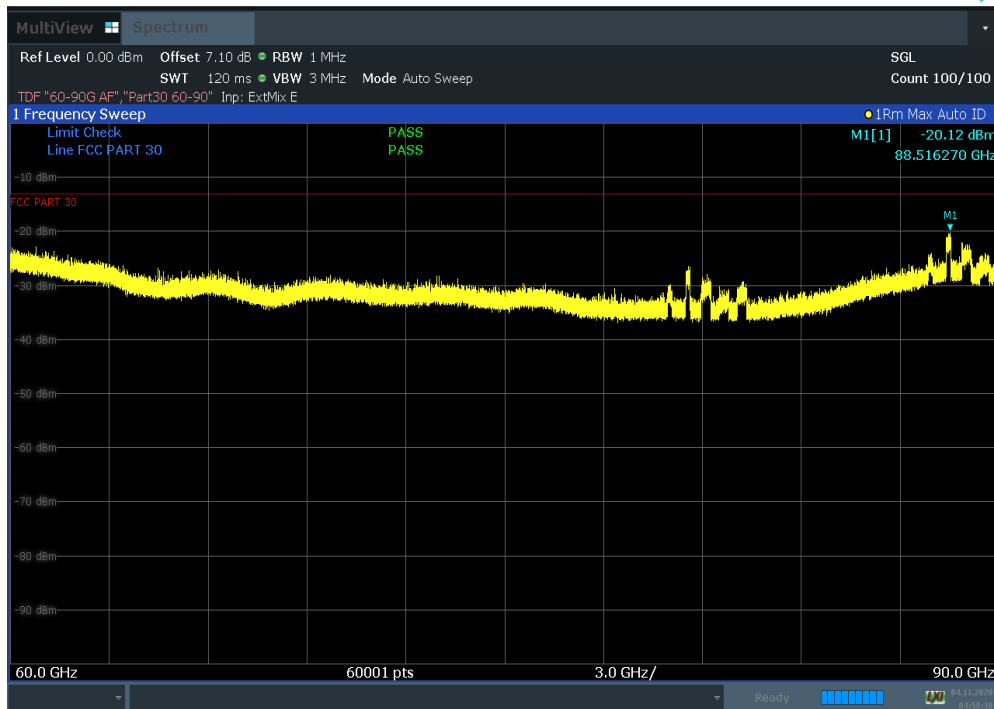


Plot 7-446. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. H)

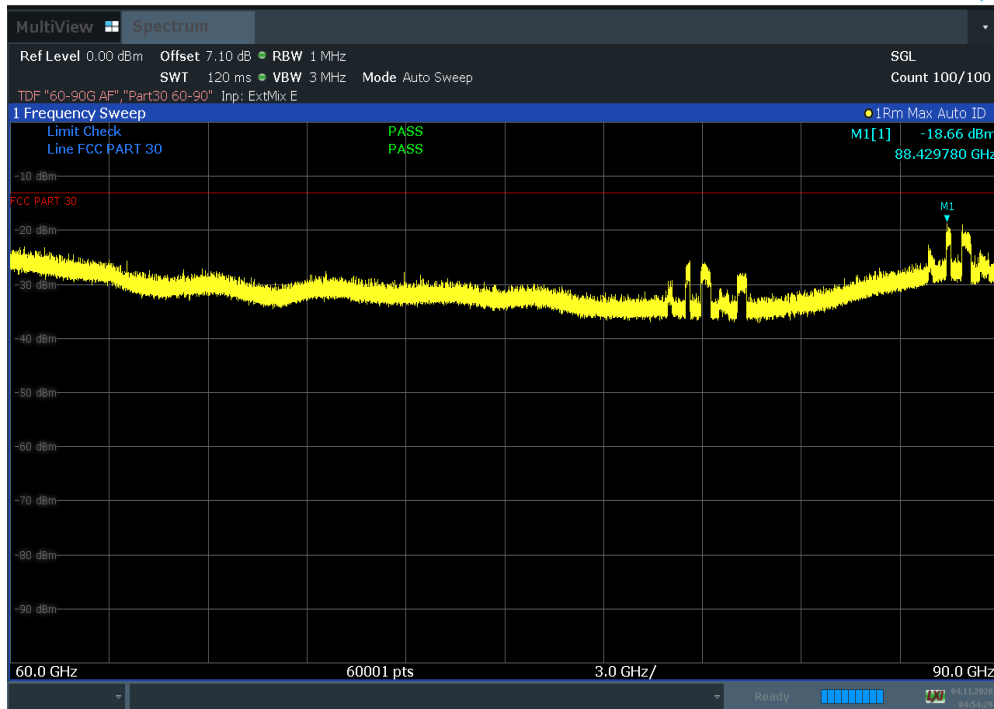


Plot 7-447. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 262 of 322

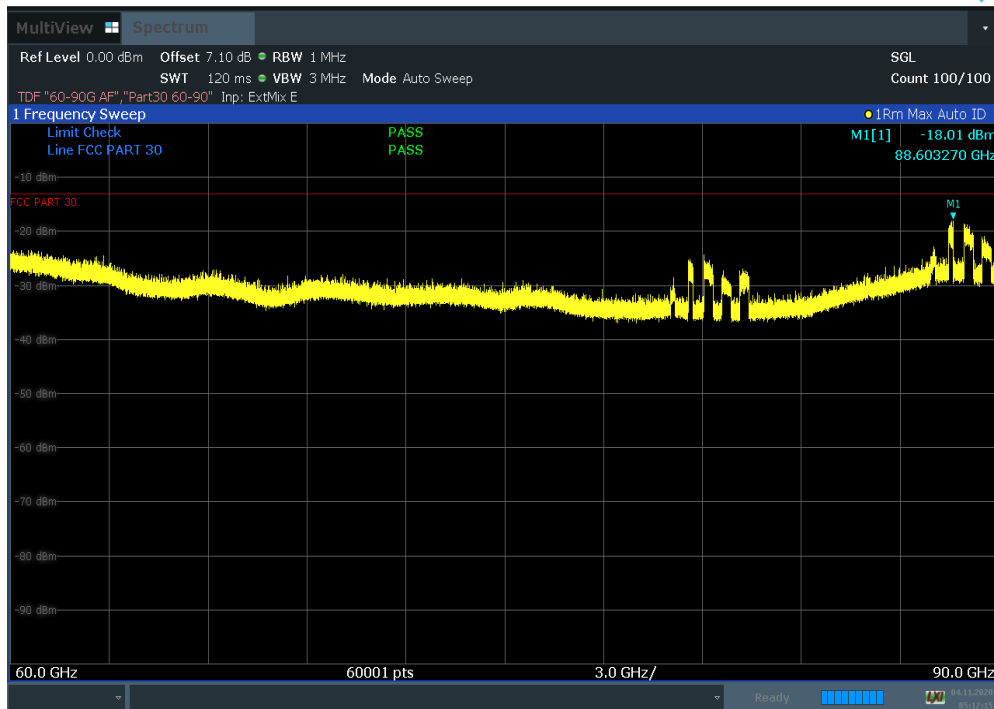


Plot 7-448. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. H)

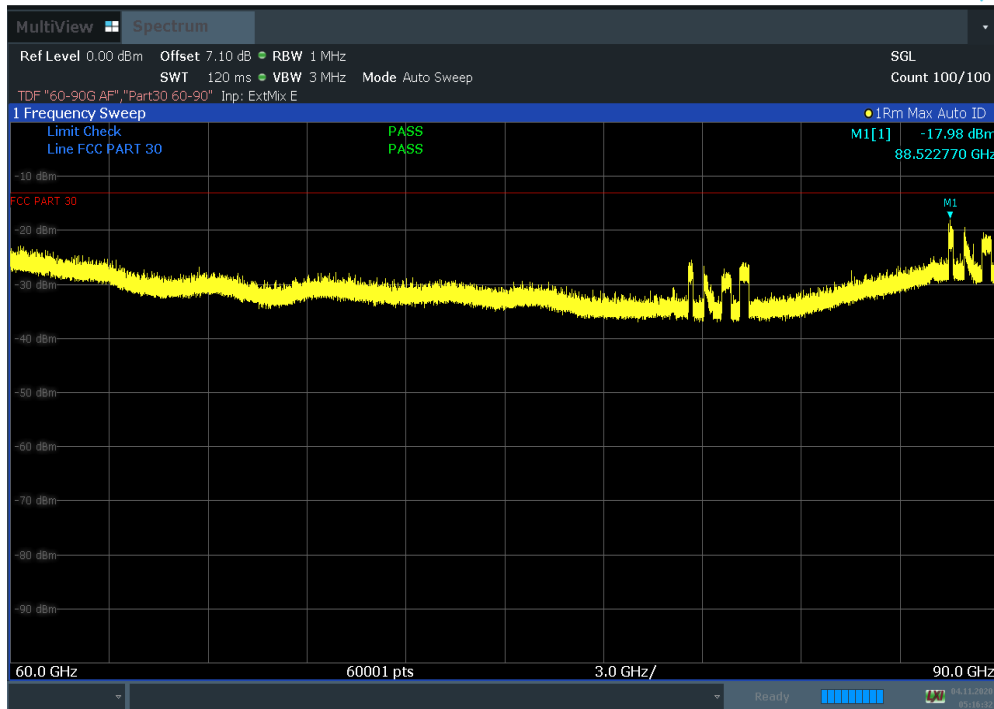


Plot 7-449. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 263 of 322

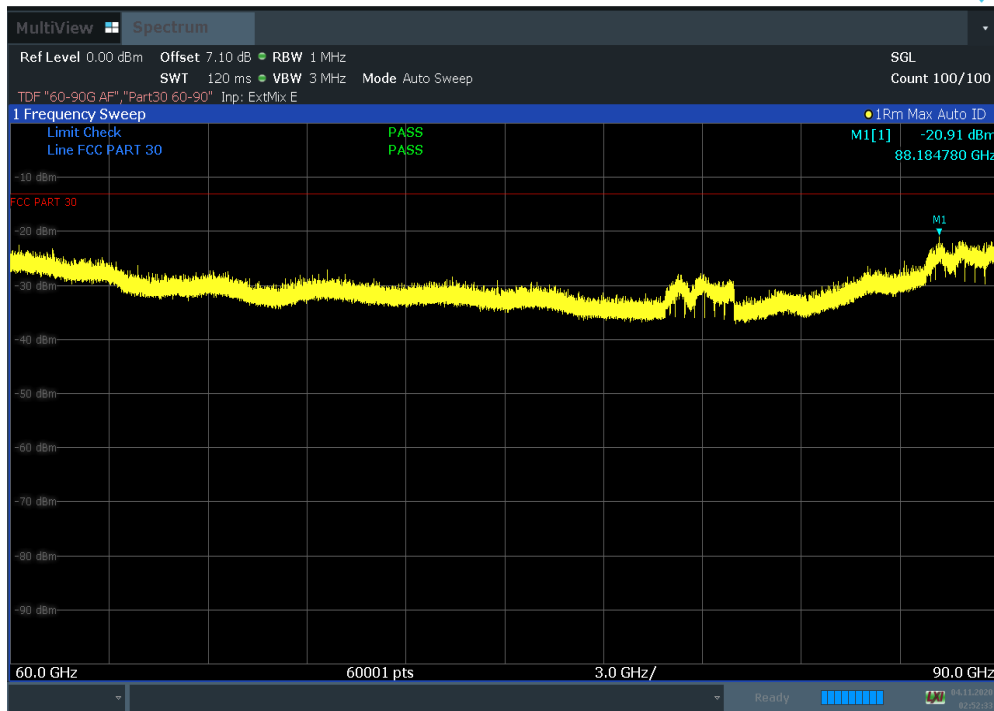


Plot 7-450. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. H)

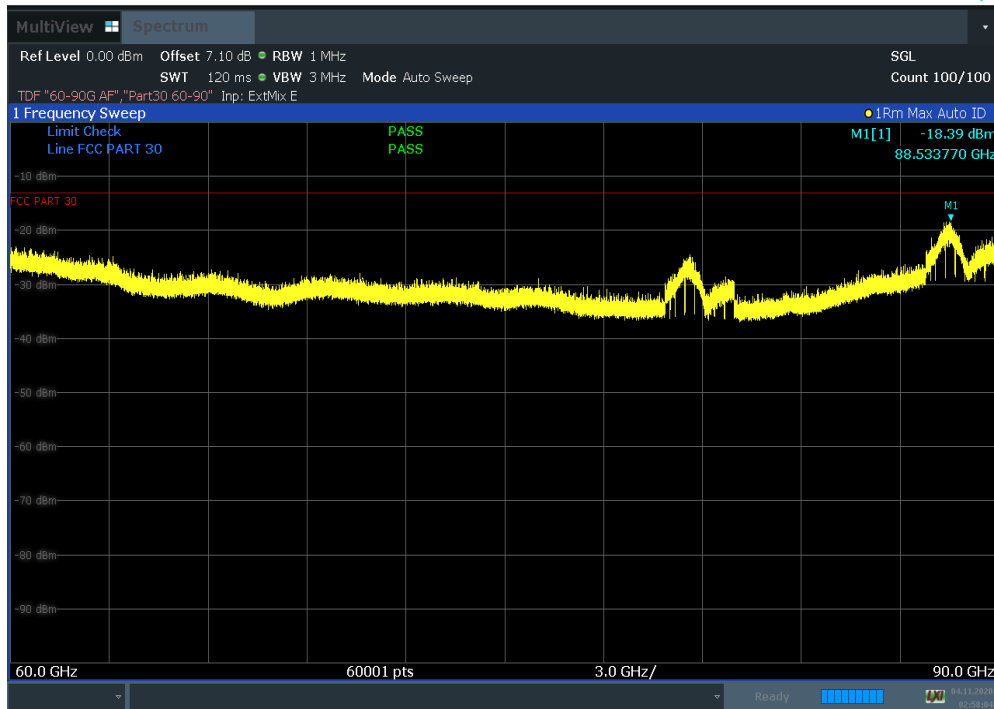


Plot 7-451. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. V)



FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 264 of 322

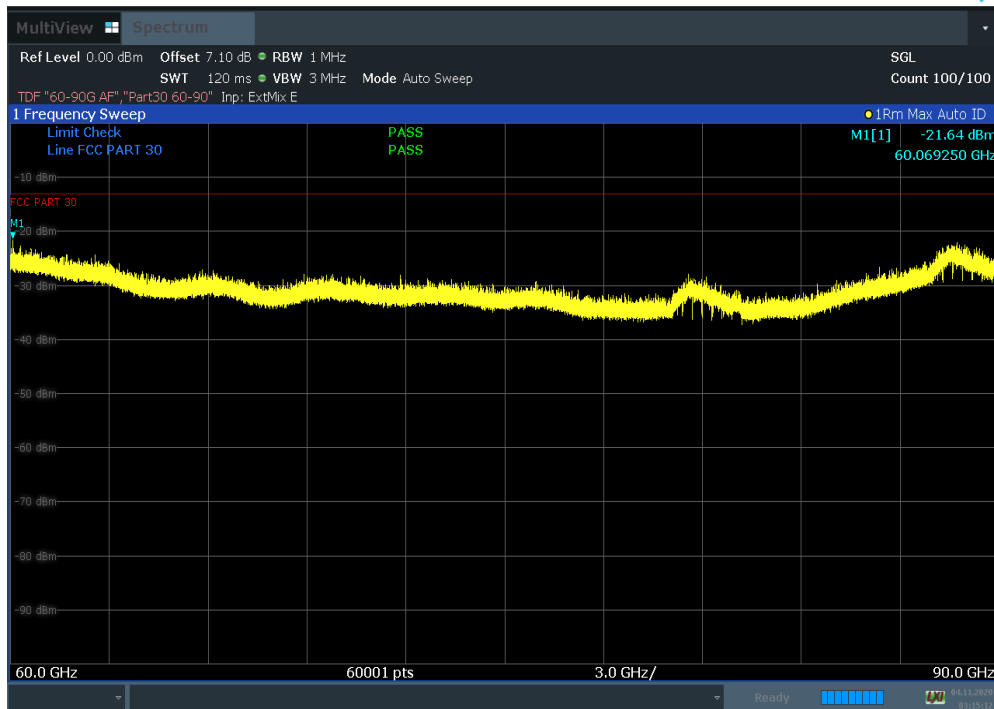


Plot 7-452. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. H)

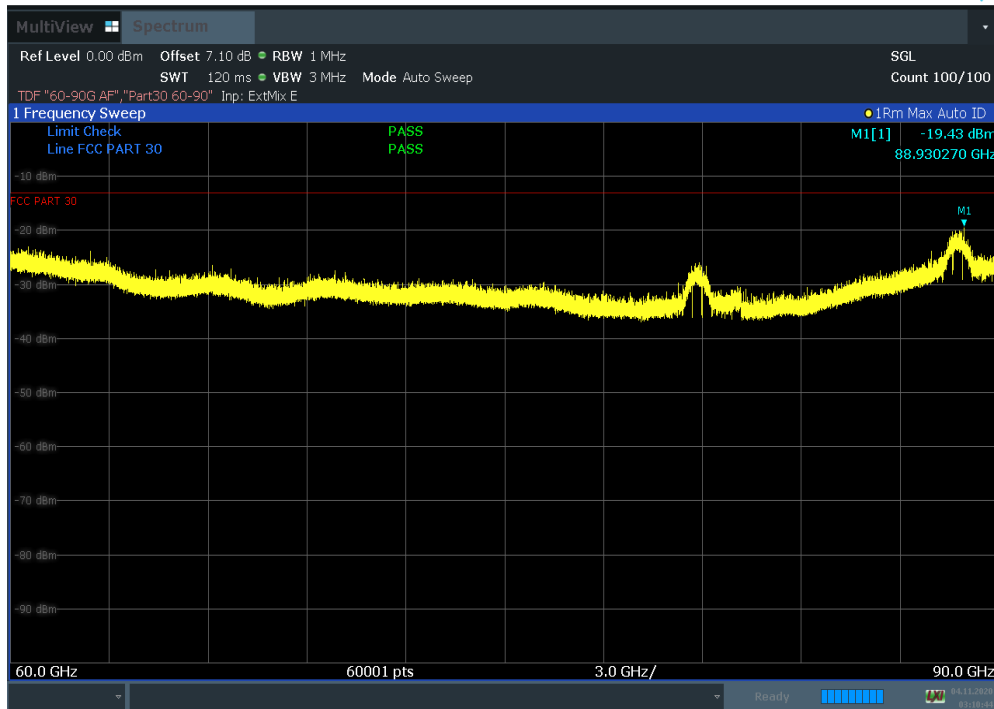


Plot 7-453. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 265 of 322

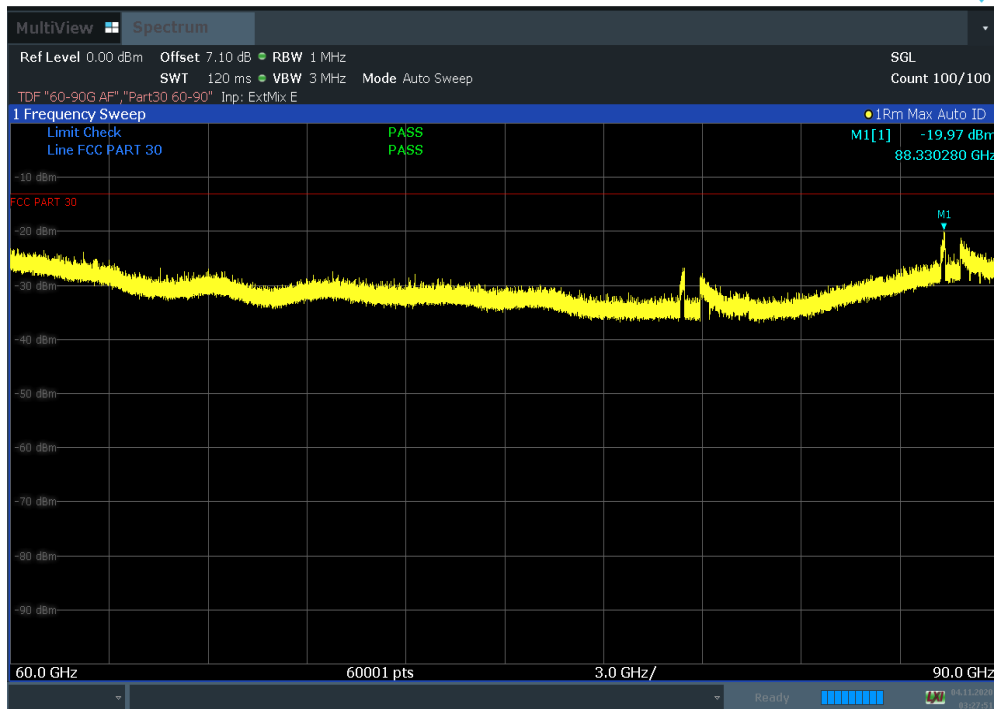


Plot 7-454. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. H)

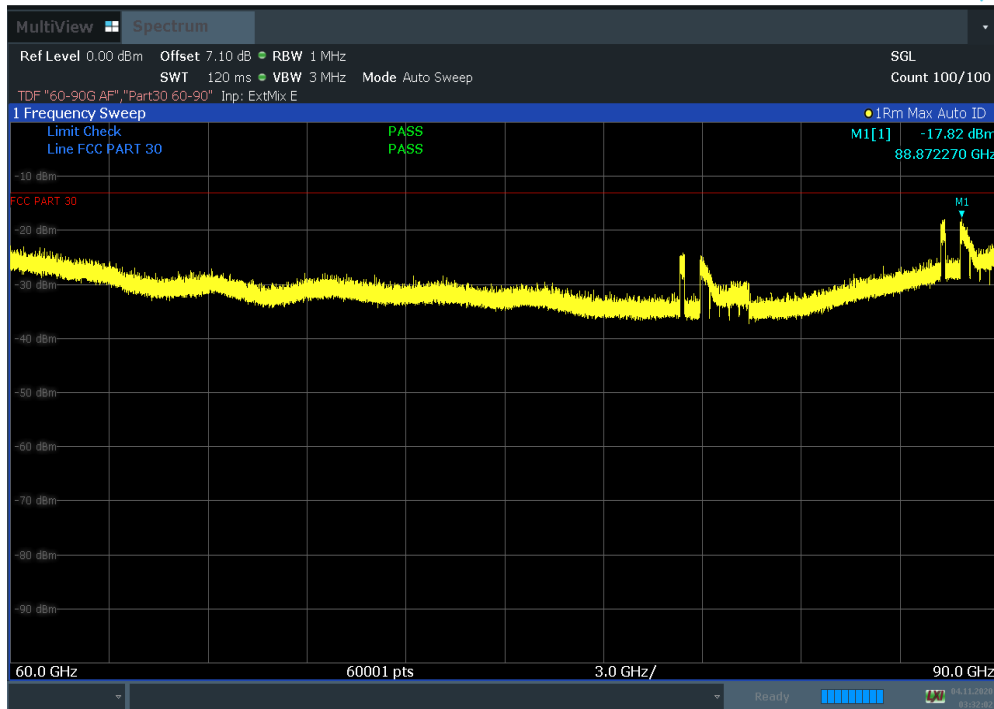


Plot 7-455. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 266 of 322

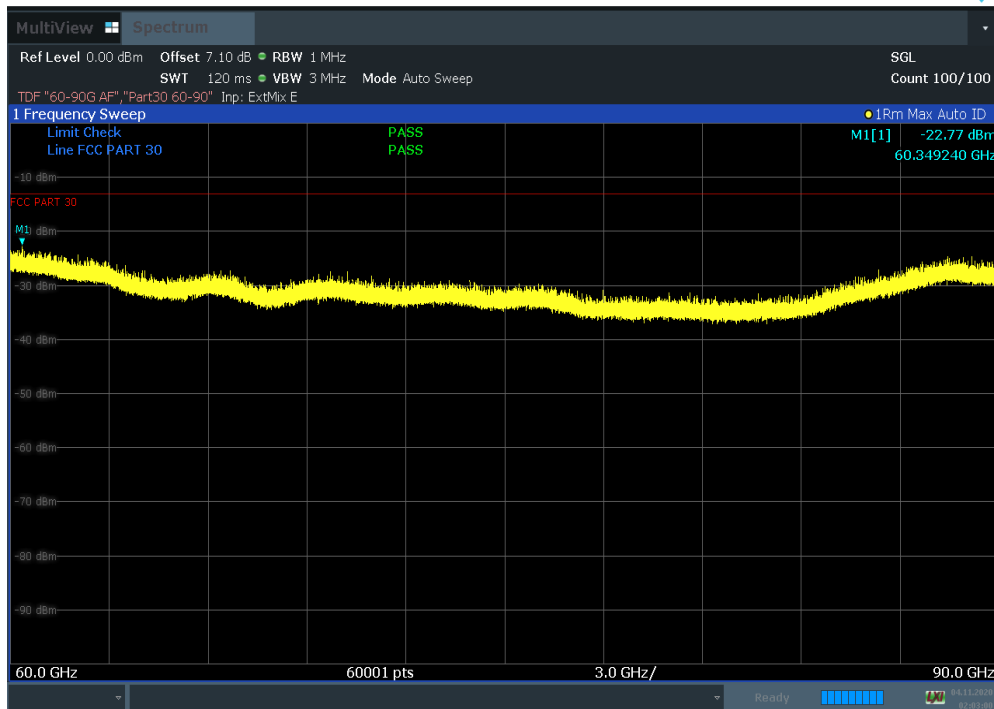


Plot 7-456. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. H)

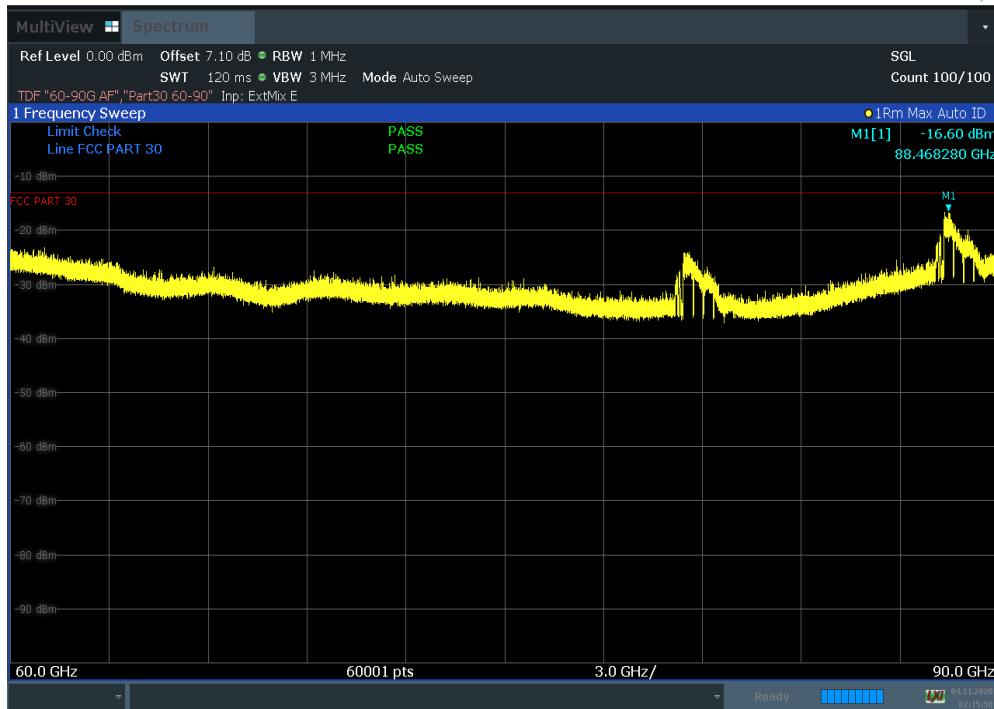


Plot 7-457. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 267 of 322

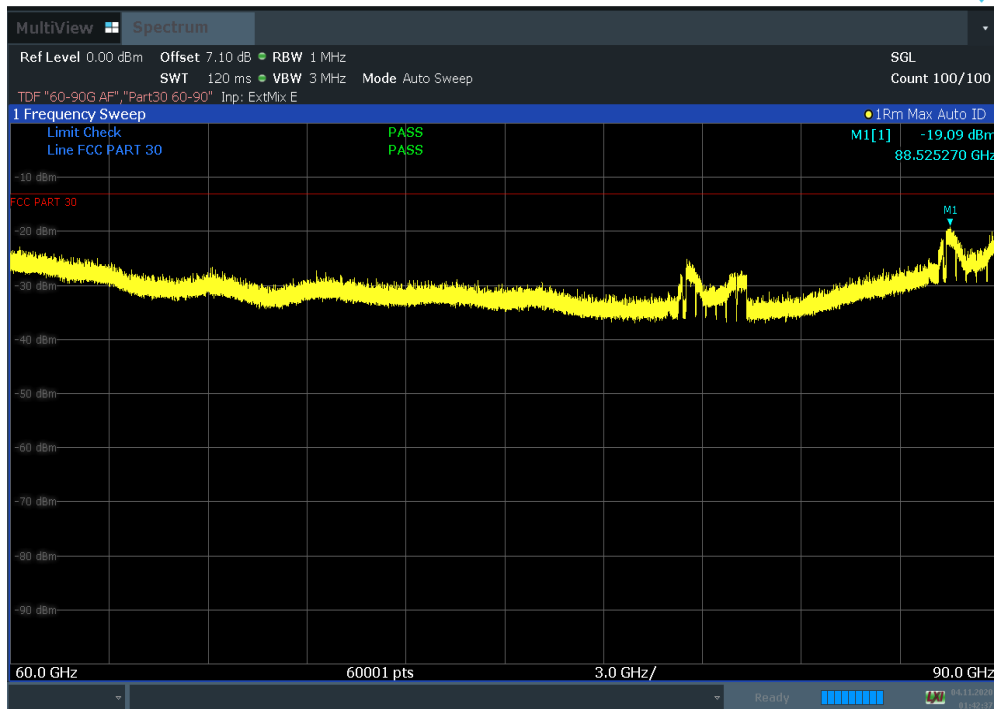


Plot 7-458. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. H)

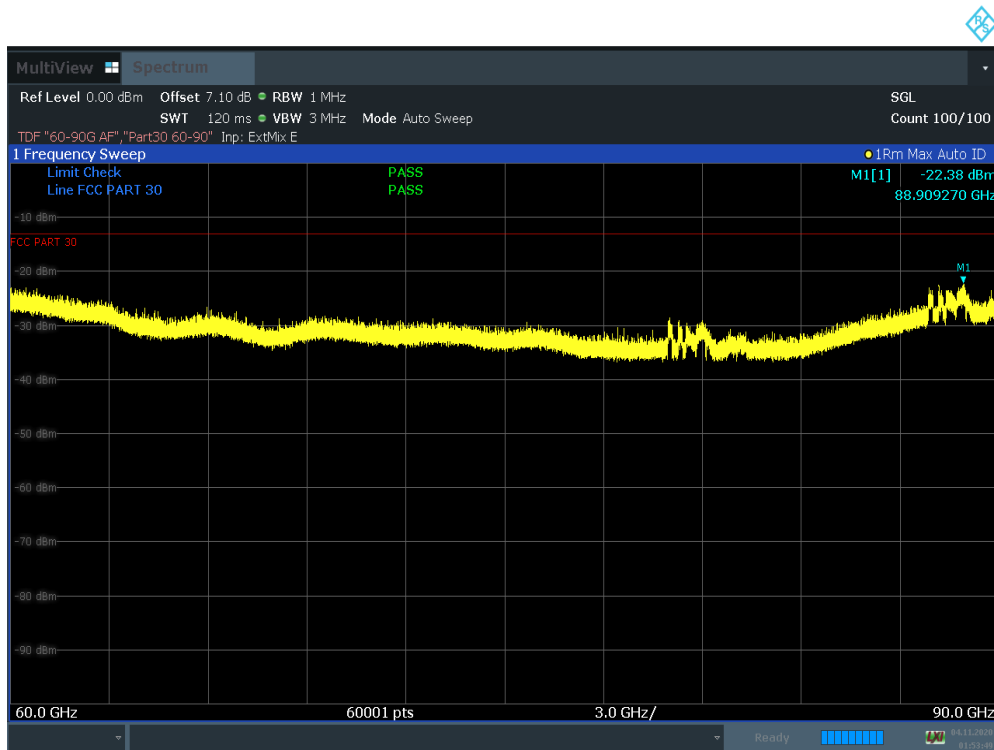


Plot 7-459. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 268 of 322

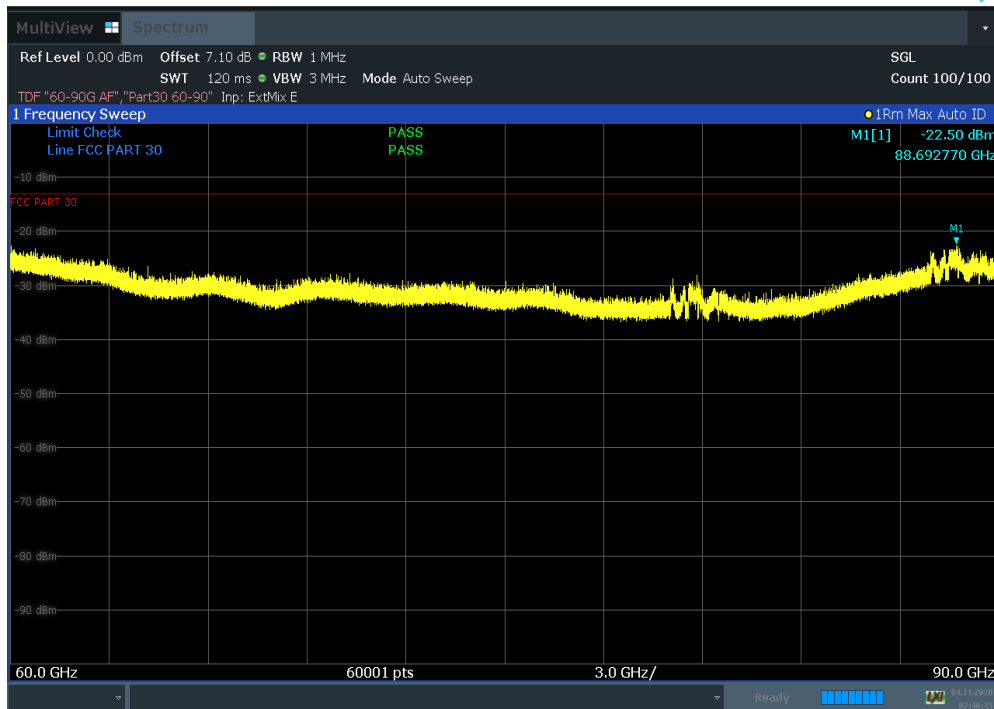


Plot 7-460. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H)

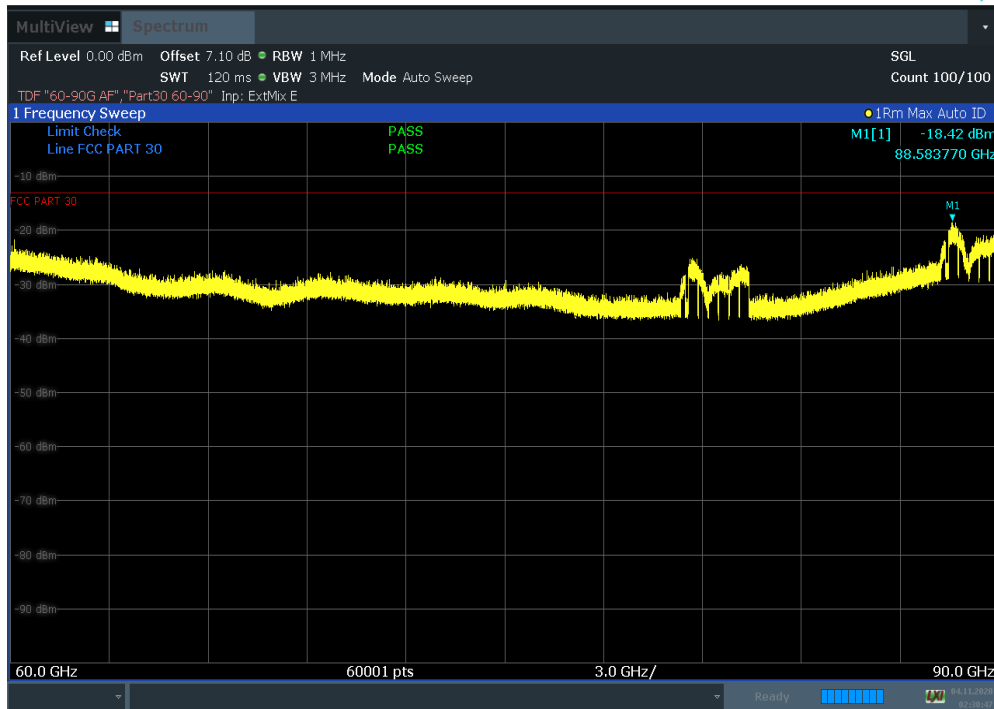


Plot 7-461. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 269 of 322



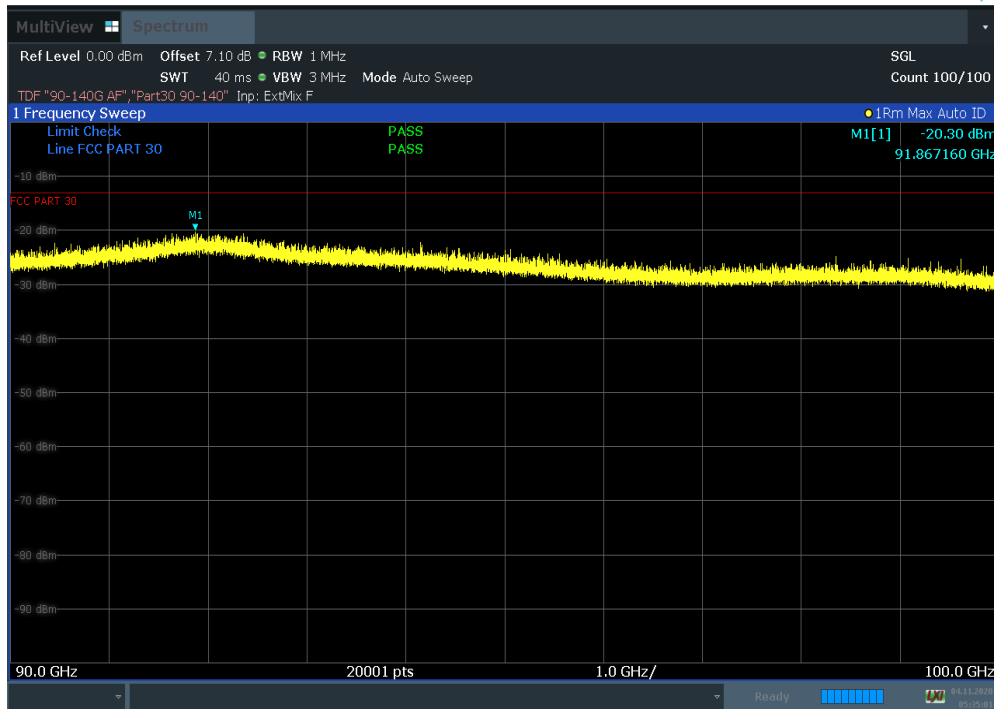
Plot 7-462. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)



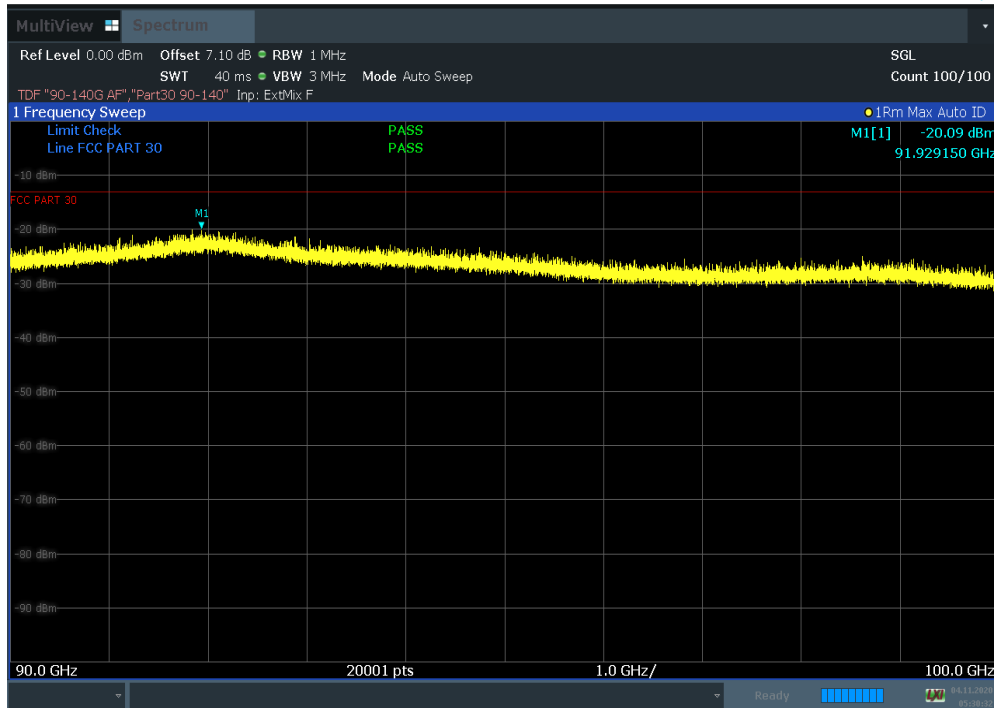
Plot 7-463. Radiated Spurious Plot 60 GHz – 90 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 270 of 322

7.5.8 Radiated Spurious Emissions Plots (90 GHz – 100 GHz)

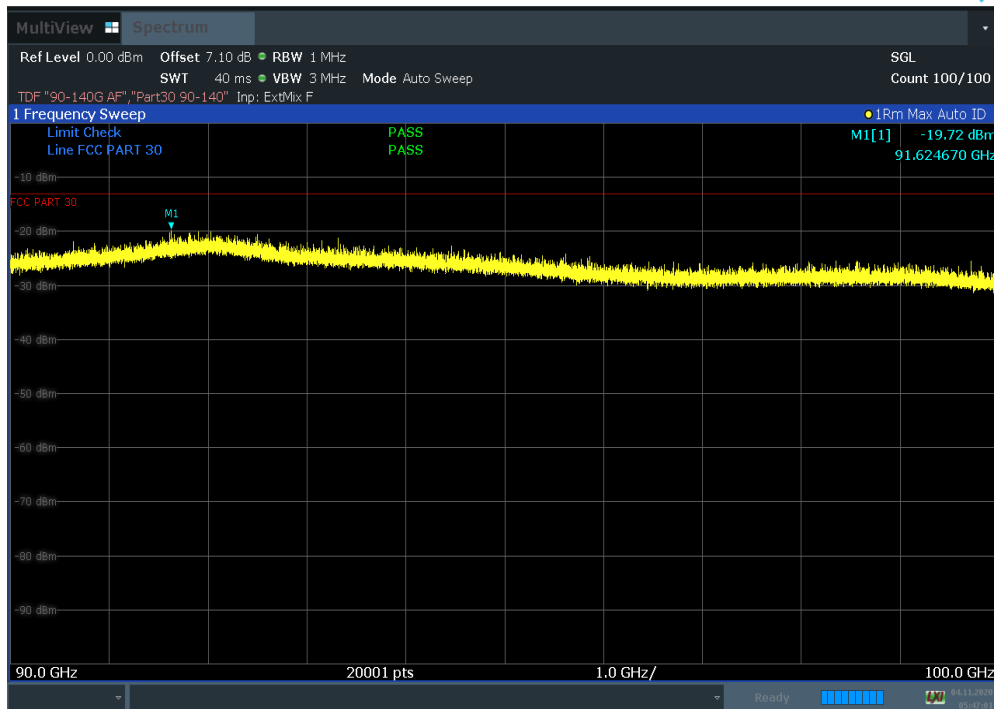


Plot 7-464. Radiated Spurious Plot 90 GHz – 100 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. H)

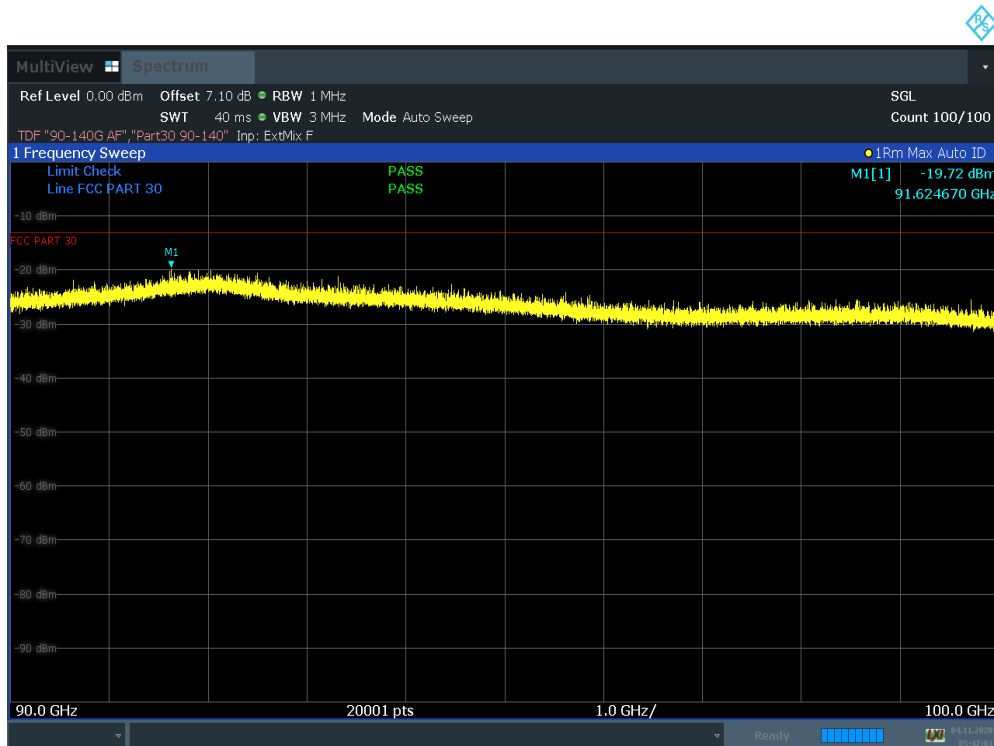


Plot 7-465. Radiated Spurious Plot 90 GHz – 100 GHz (100 MHz 4CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 271 of 322

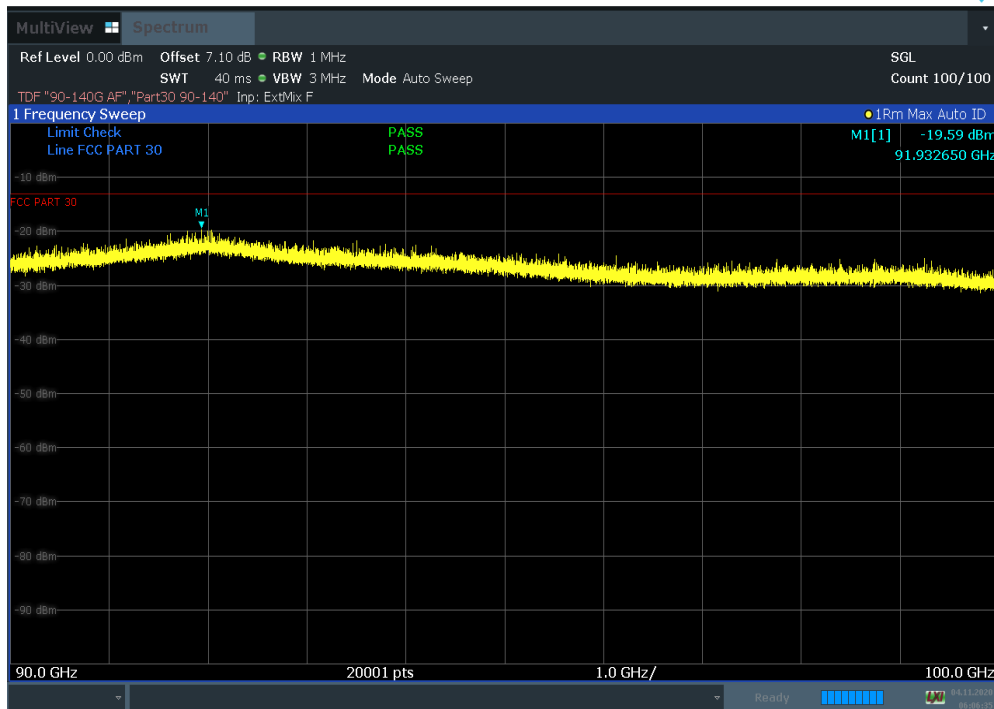


Plot 7-466. Radiated Spurious Plot 90 GHz – 100 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. H)

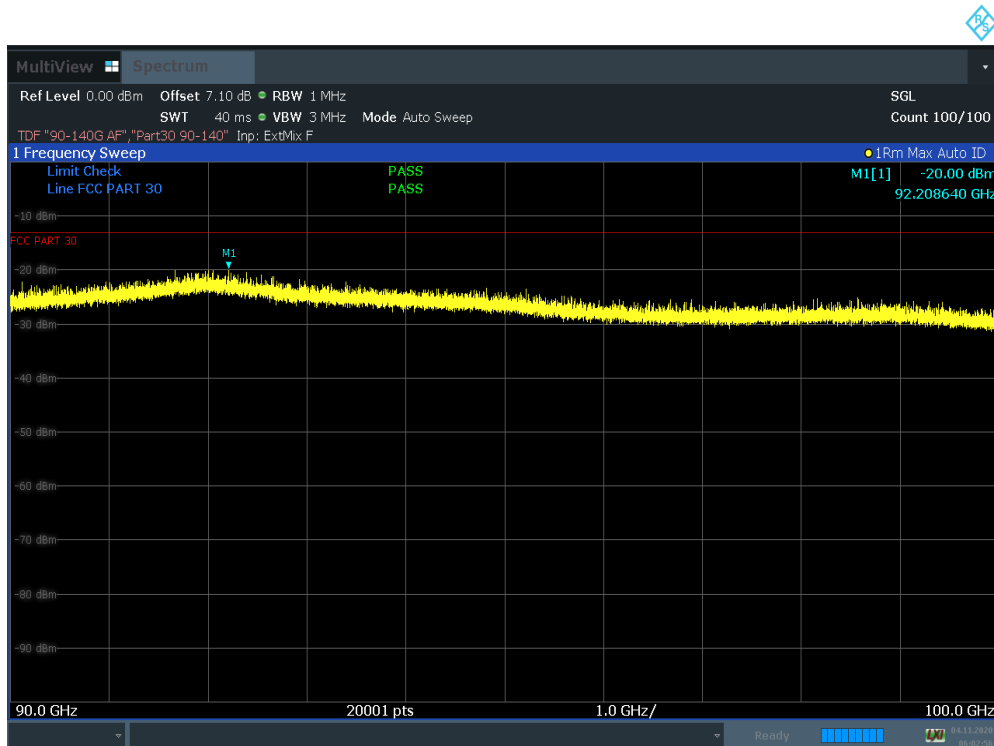


Plot 7-467. Radiated Spurious Plot 90 GHz – 100 GHz (100 MHz 4CC NC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 272 of 322

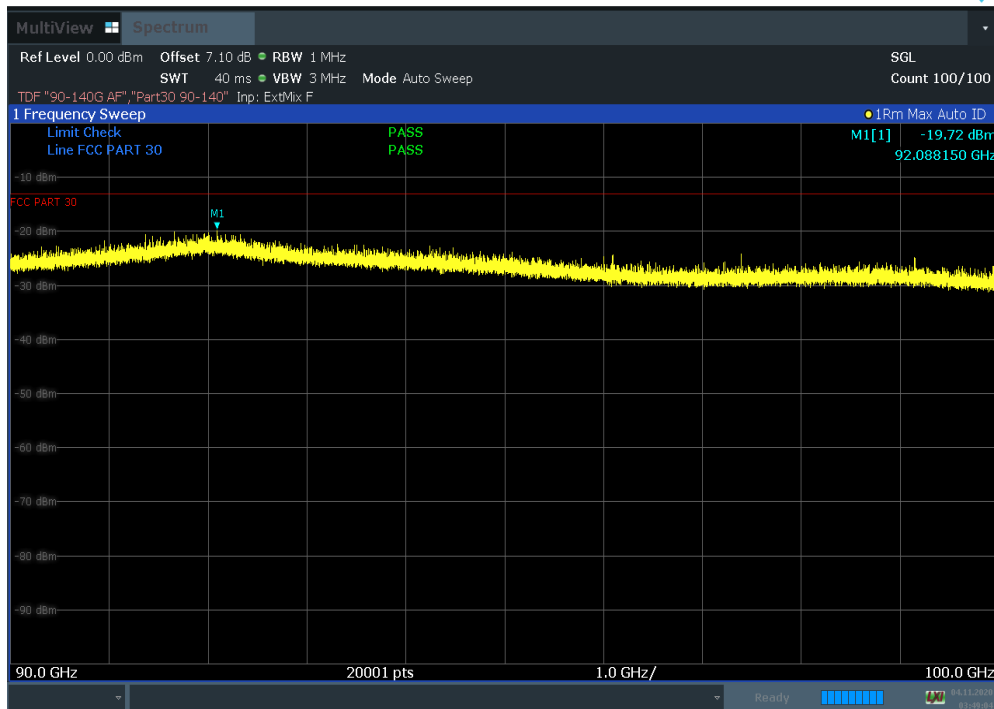


Plot 7-468. Radiated Spurious Plot 90 GHz – 100 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. H)

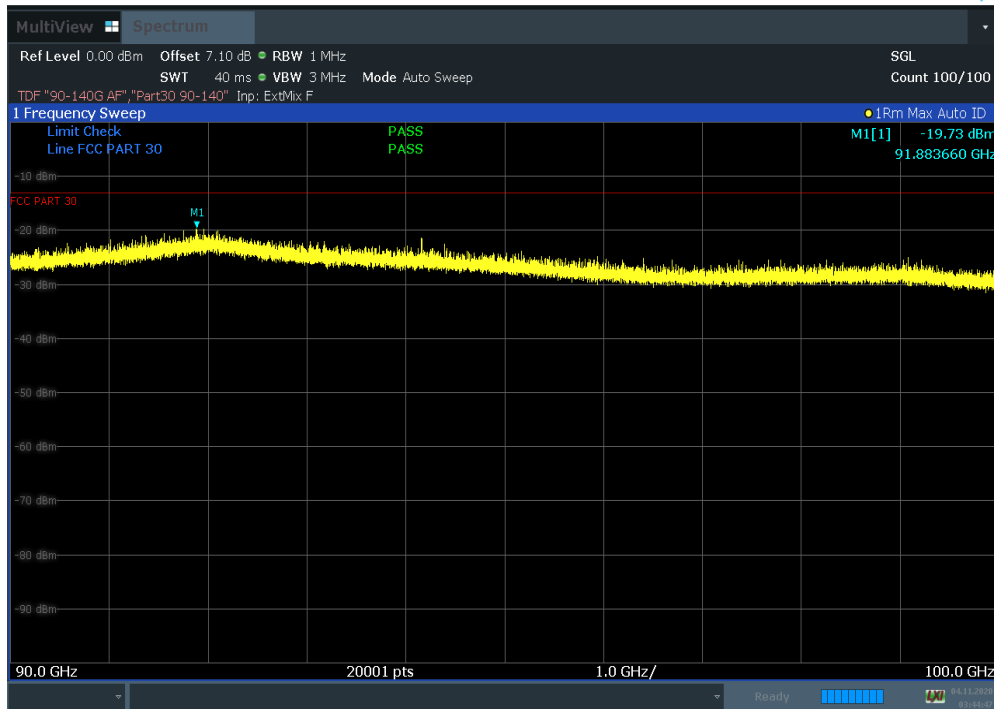


Plot 7-469. Radiated Spurious Plot 90 GHz – 100 GHz (100 MHz 4CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 273 of 322

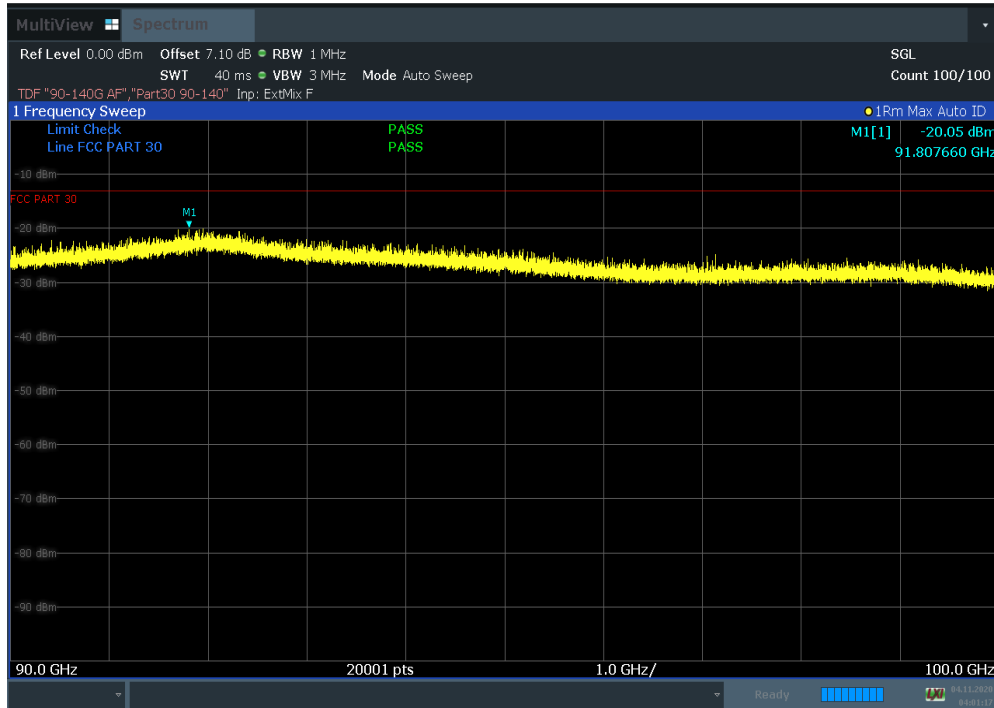


Plot 7-470. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. H)

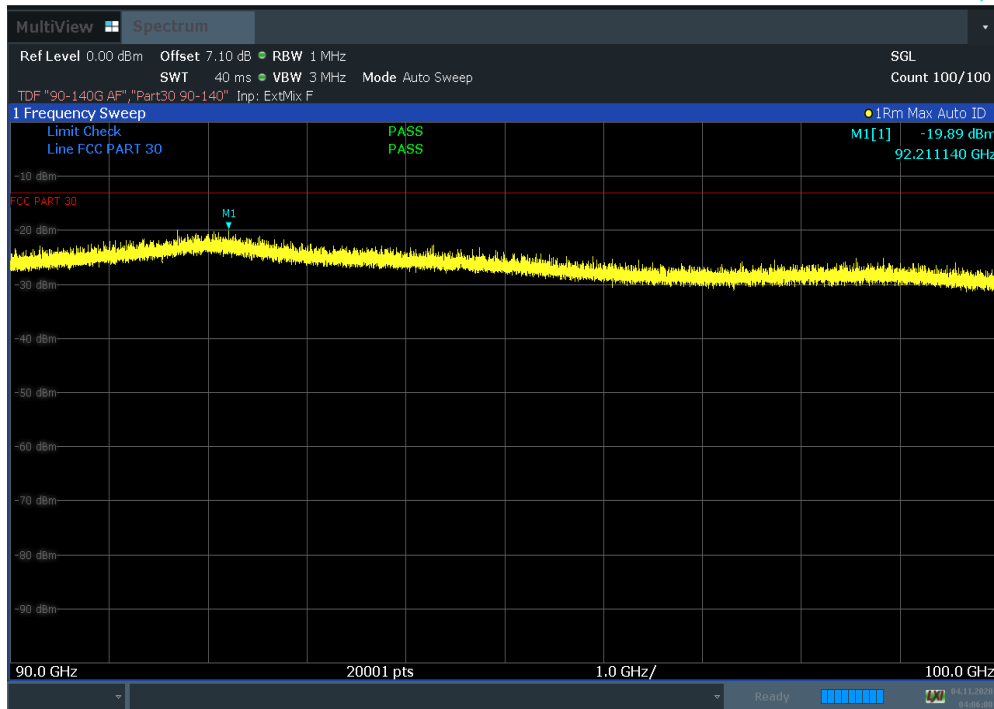


Plot 7-471. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 274 of 322

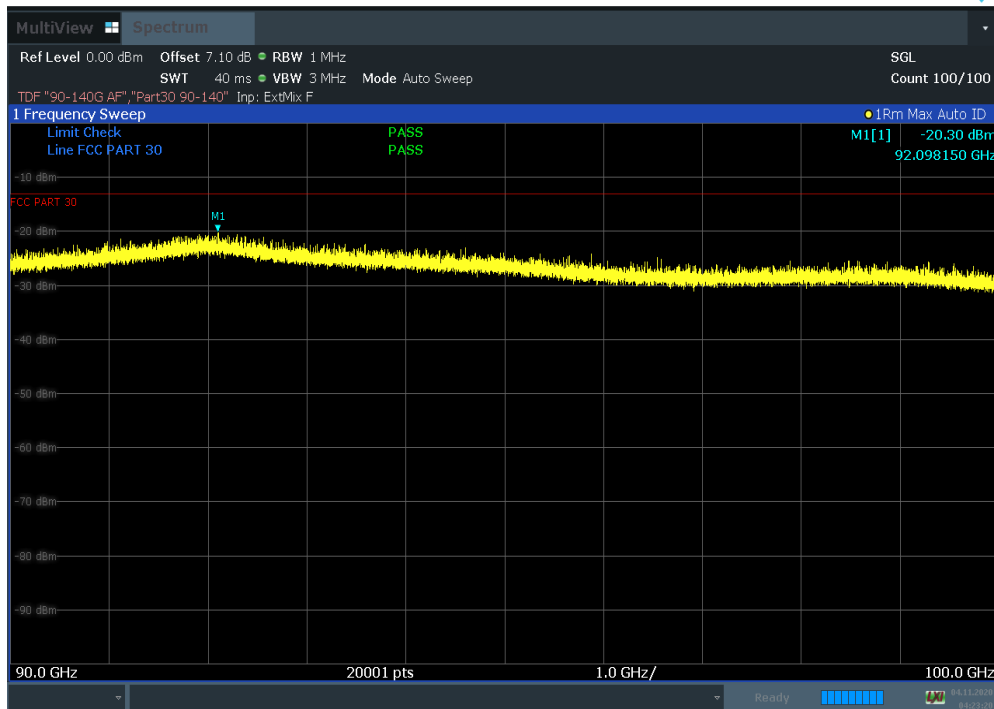


Plot 7-472. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. H)

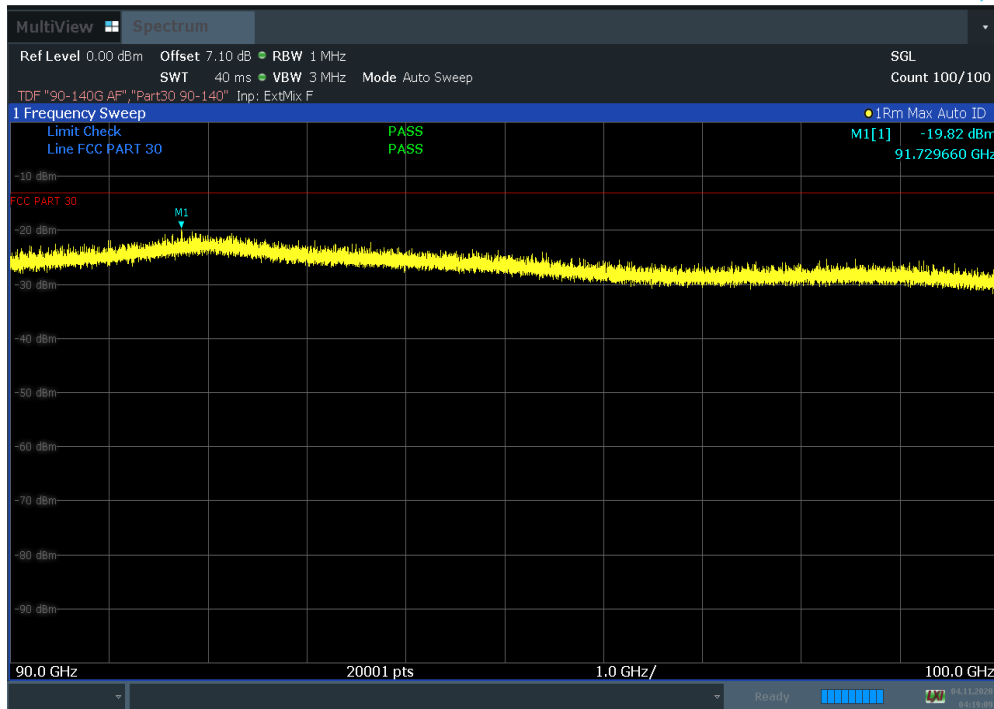


Plot 7-473. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 275 of 322

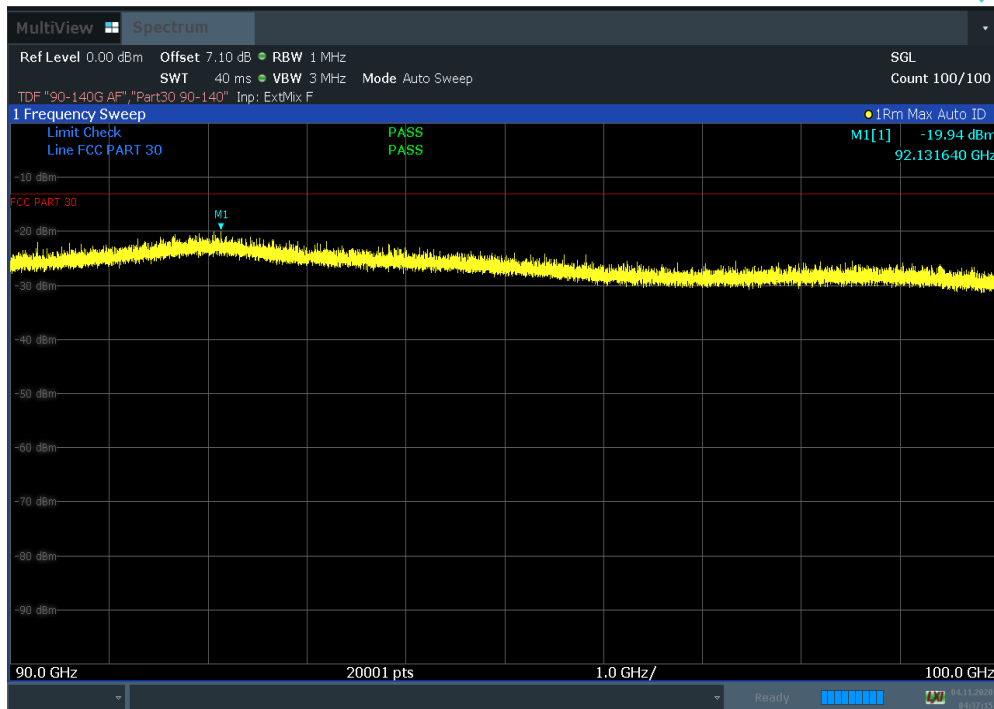


Plot 7-474. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. H)

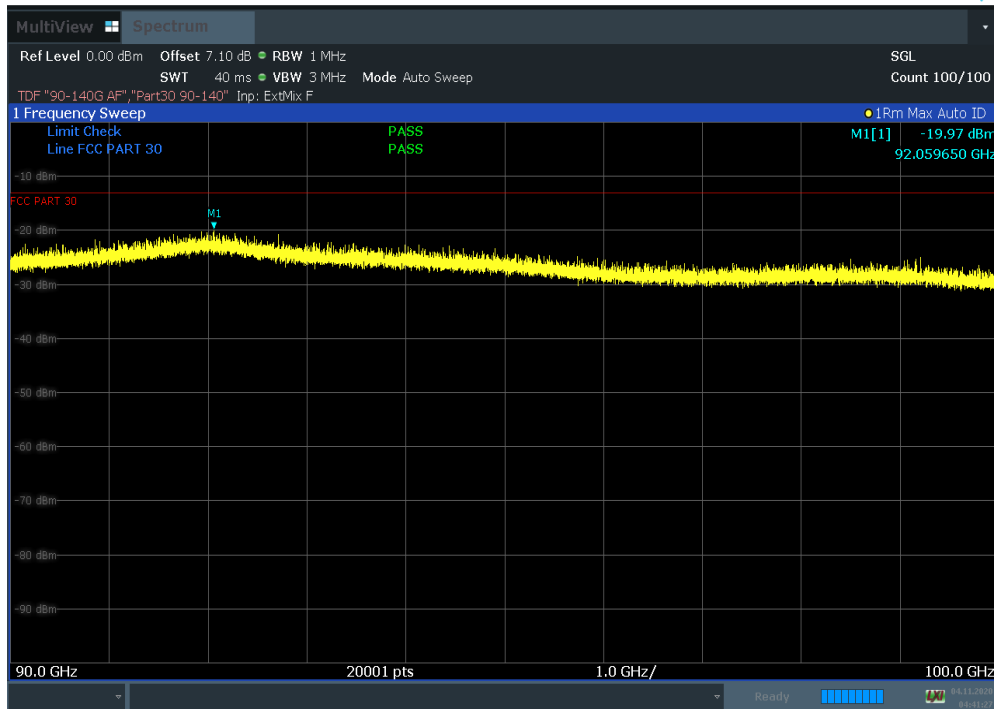


Plot 7-475. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 276 of 322

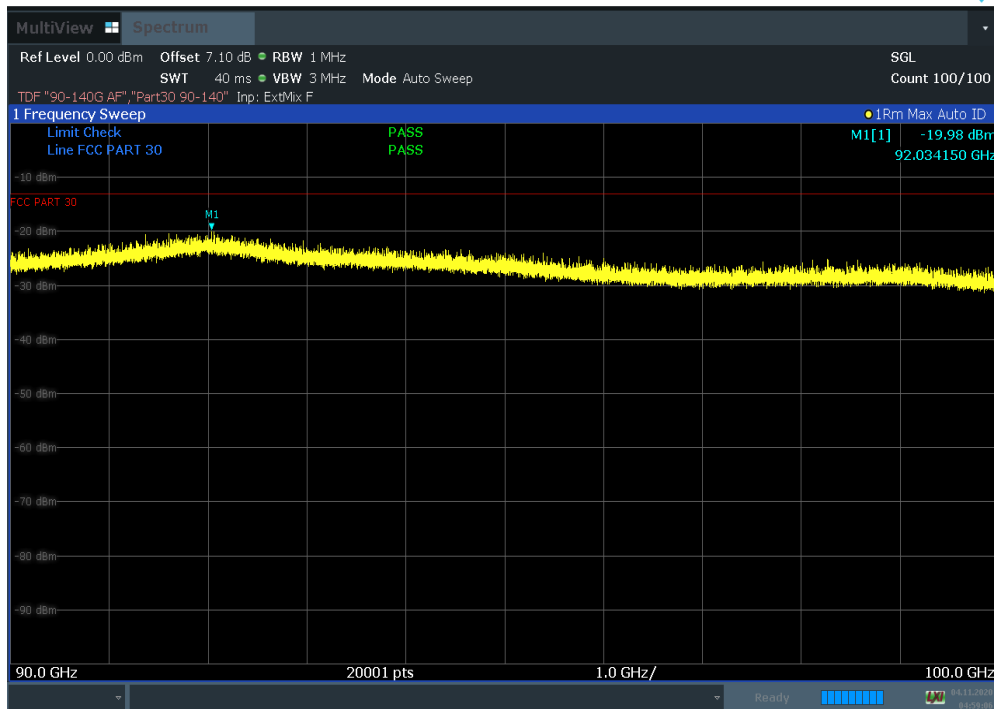


Plot 7-476. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. H)

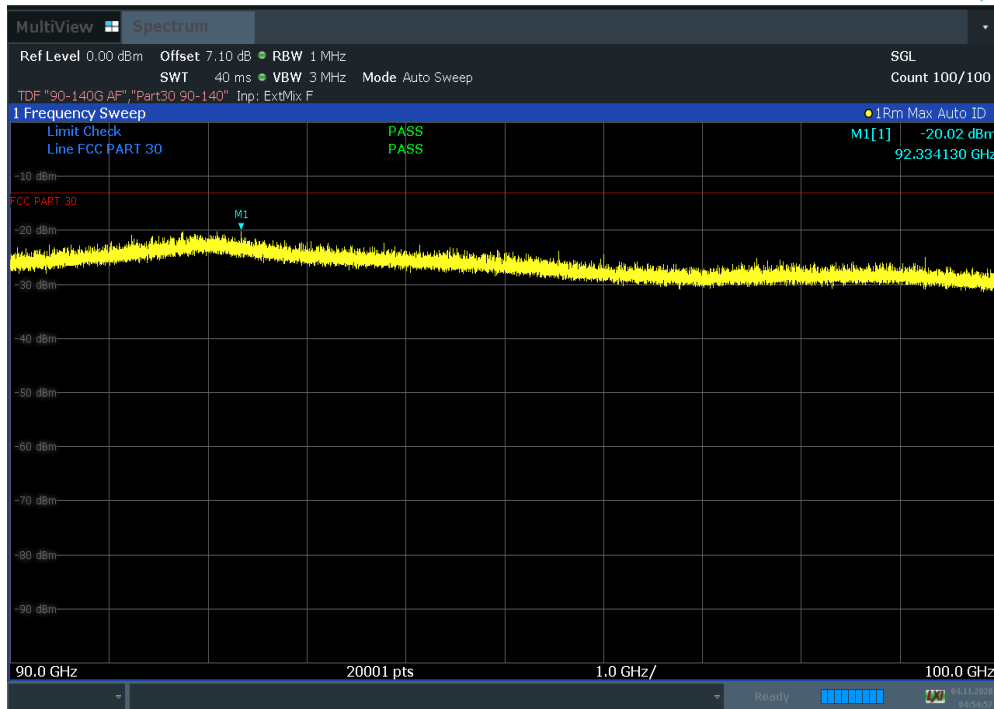


Plot 7-477. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 277 of 322

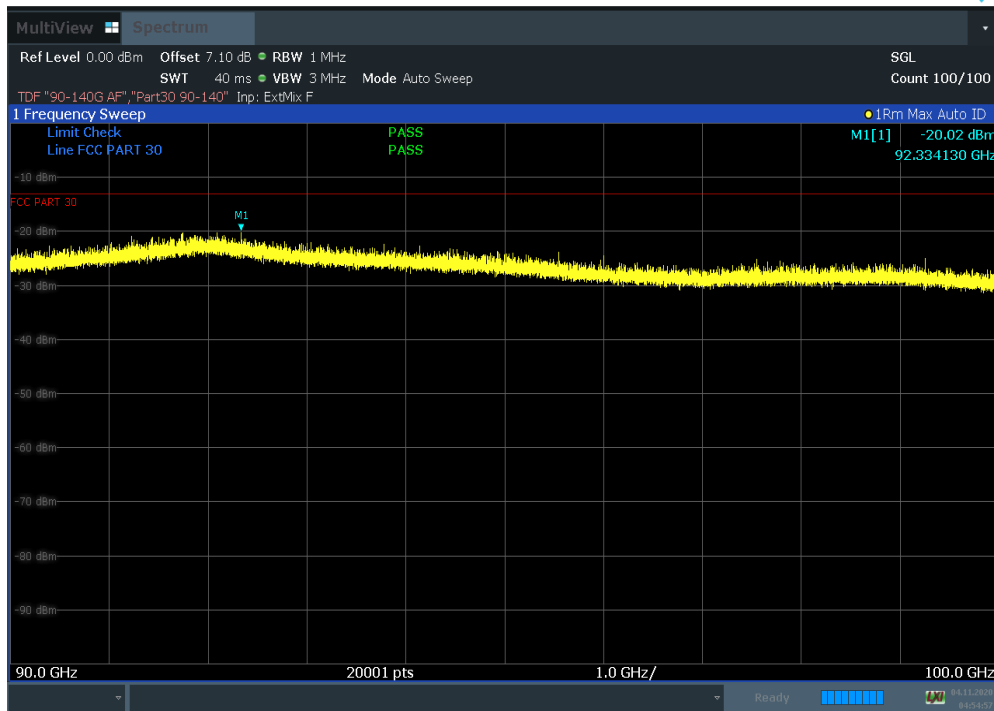


Plot 7-478. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. H)

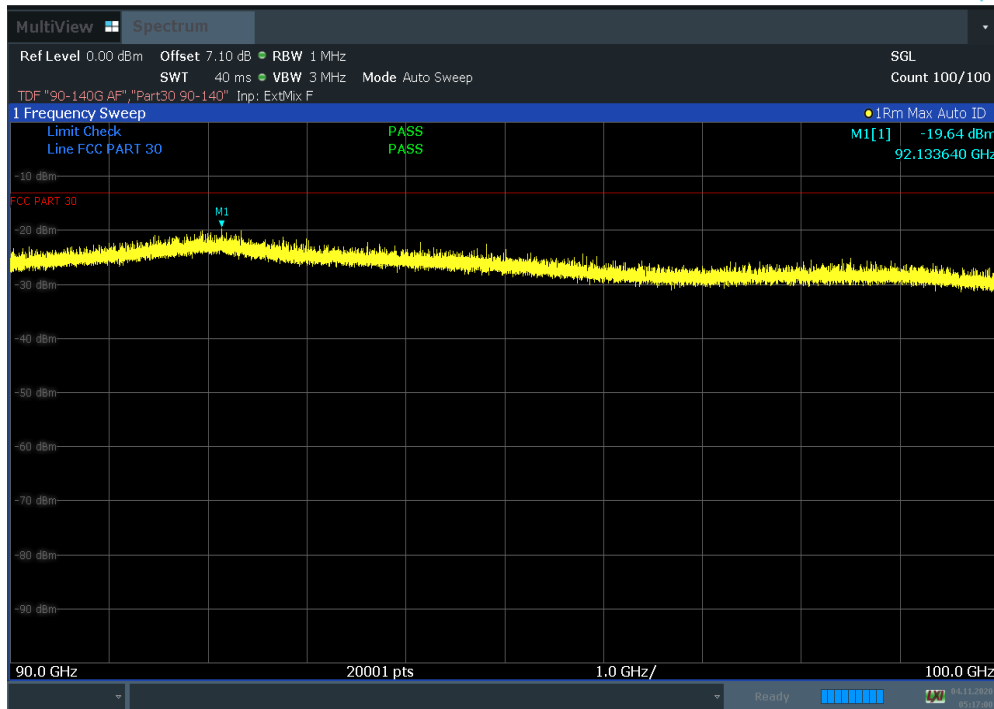


Plot 7-479. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK Mid Channel Pol. V)



FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 278 of 322

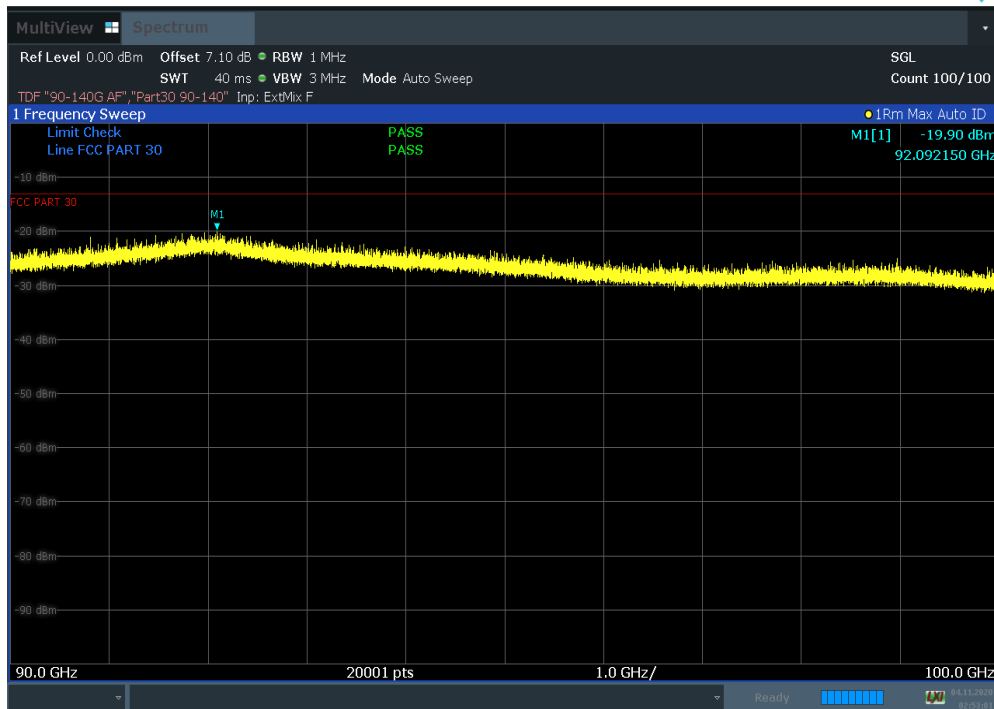


Plot 7-480. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. H)

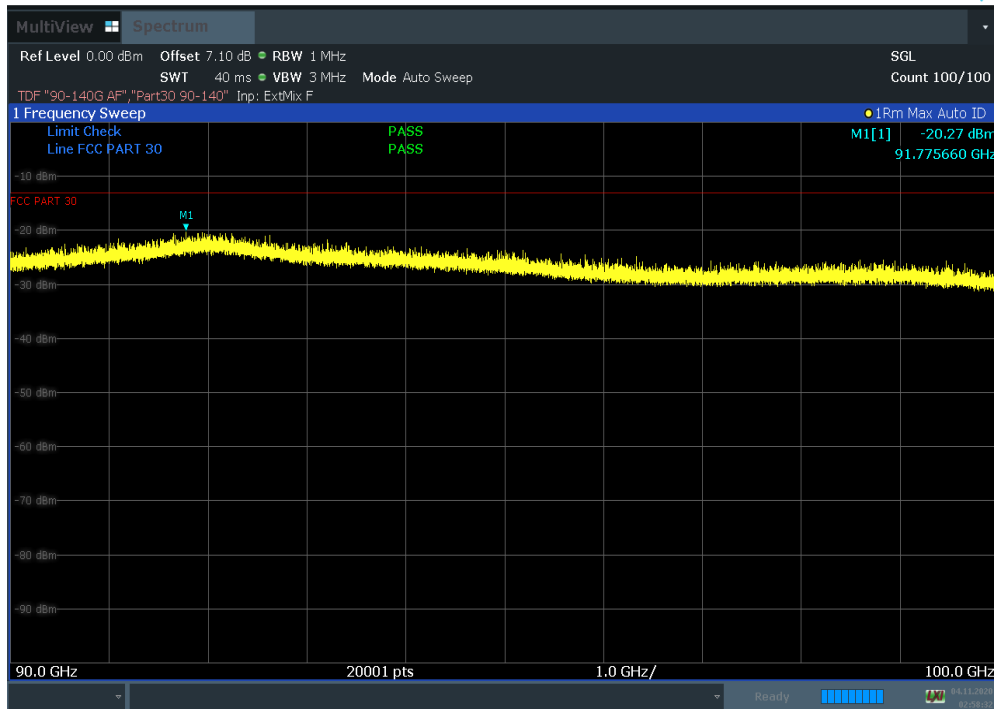


Plot 7-481. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 3CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 279 of 322

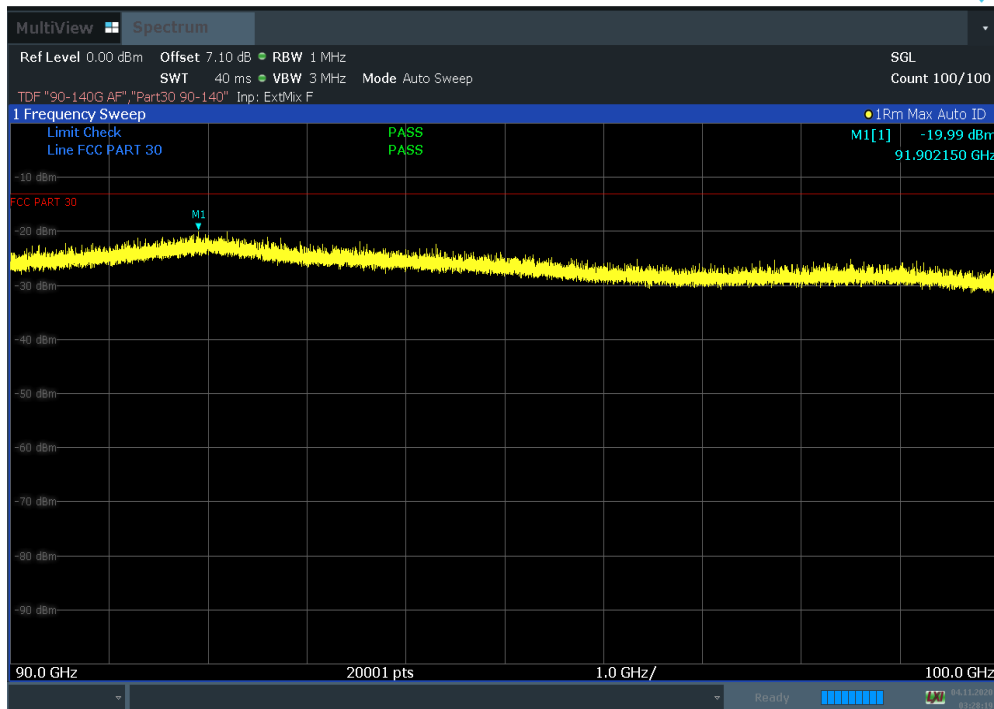


Plot 7-482. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. H)

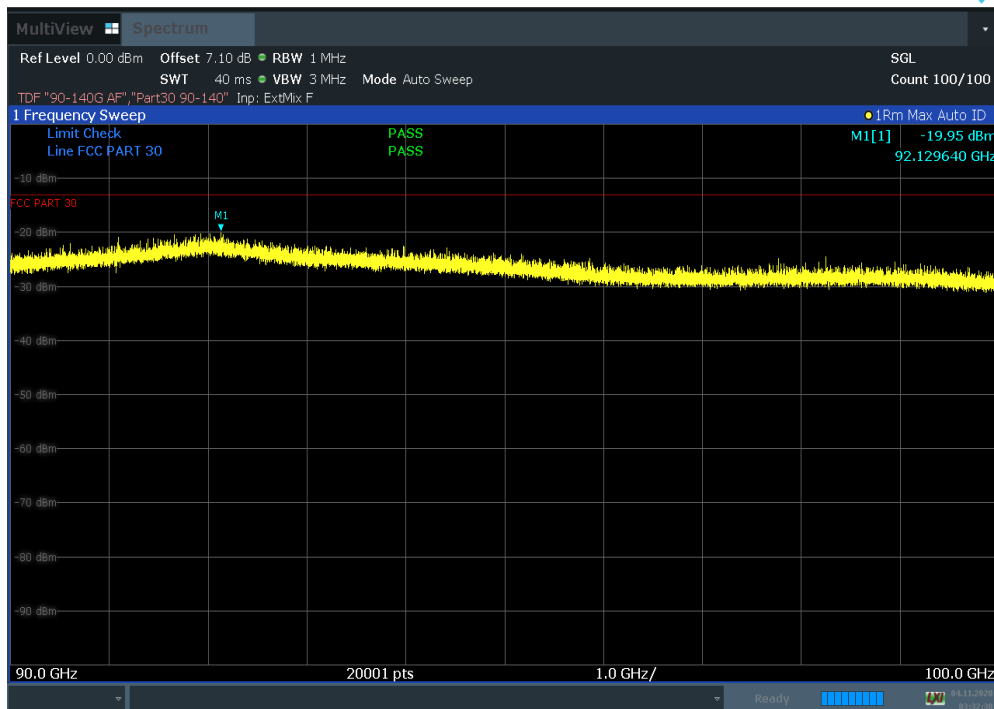


Plot 7-483. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 280 of 322

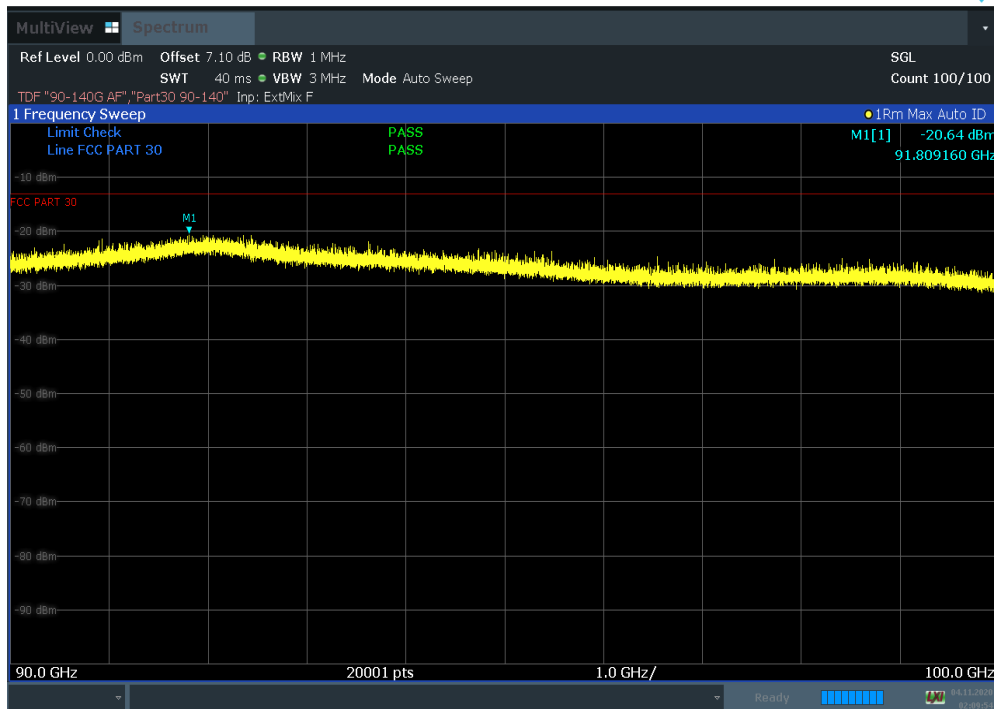


Plot 7-484. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. H)

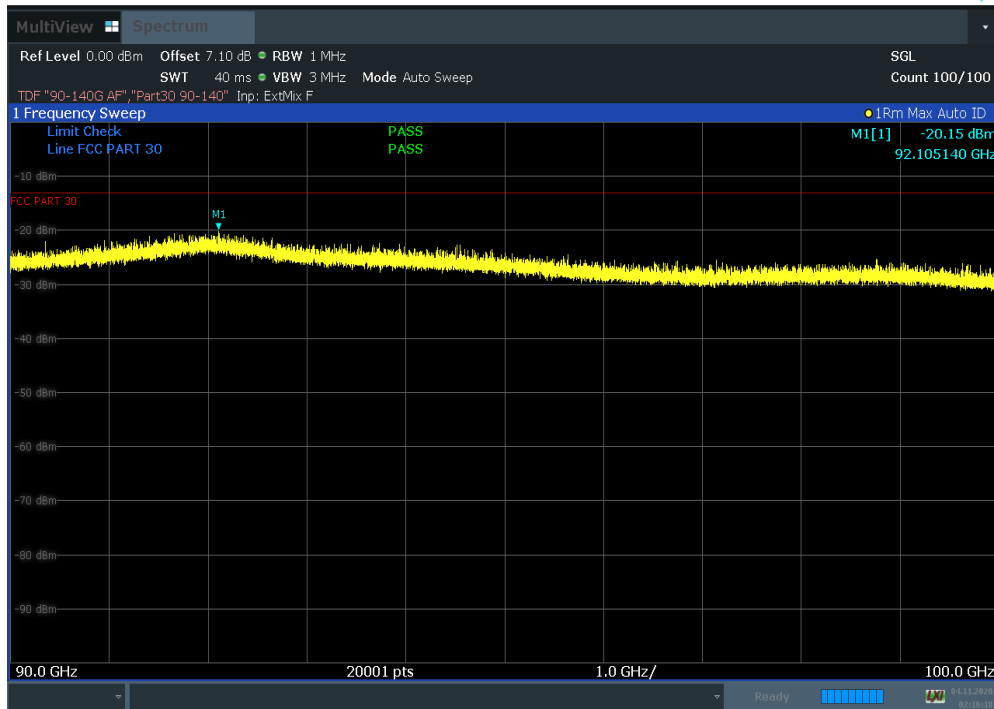


Plot 7-485. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 281 of 322

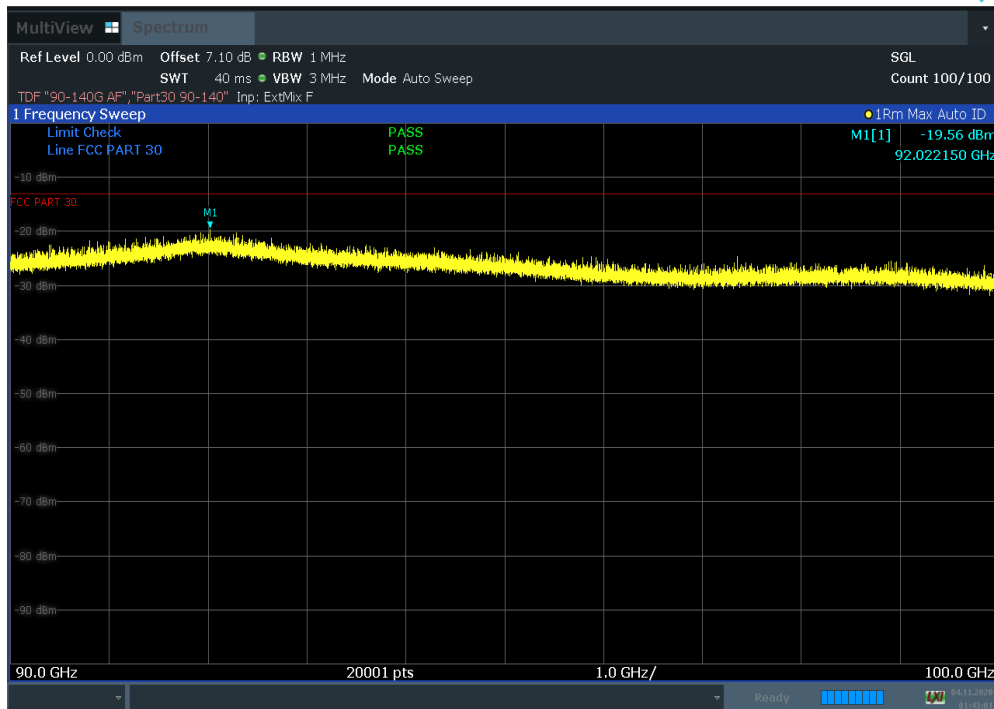


Plot 7-486. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. H)

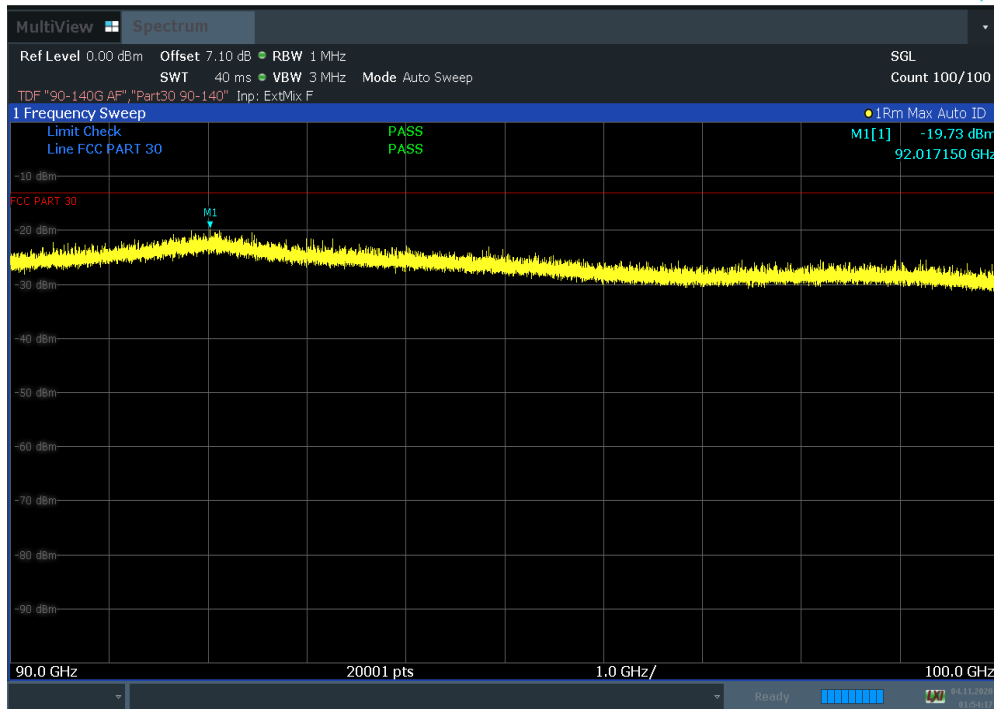


Plot 7-487. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 282 of 322

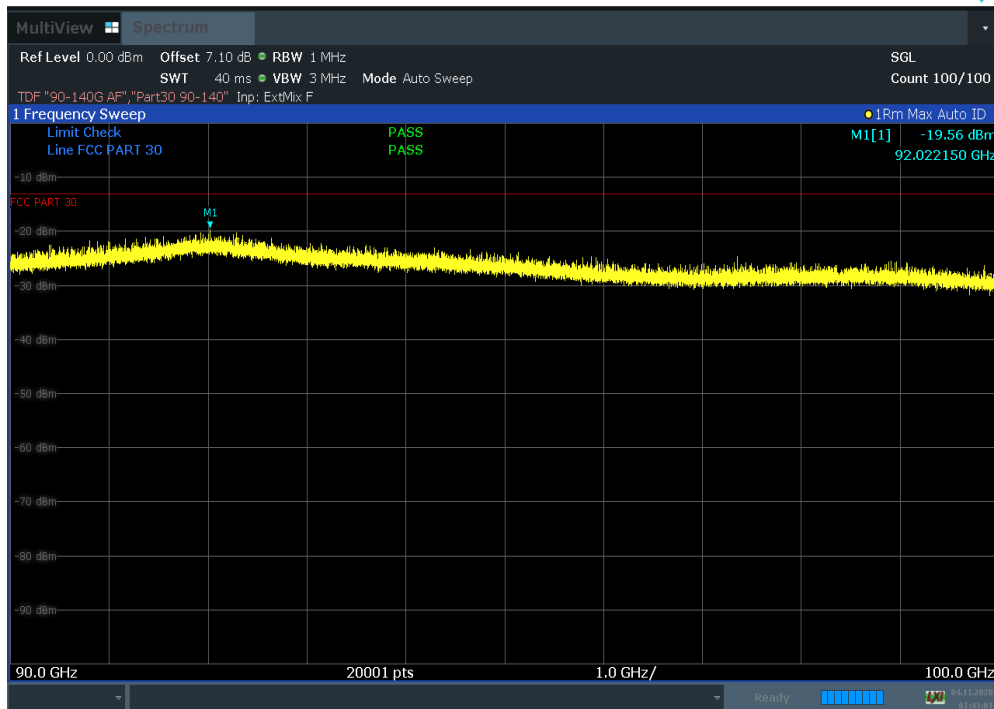


Plot 7-488. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. H)

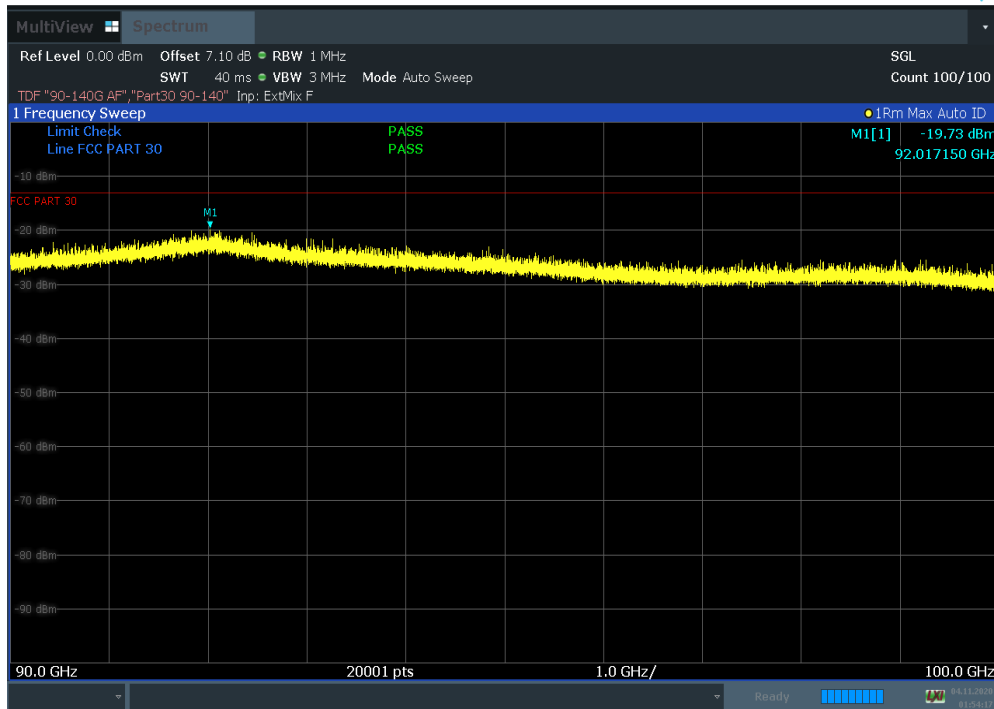


Plot 7-489. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low Channel Pol. V)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 283 of 322

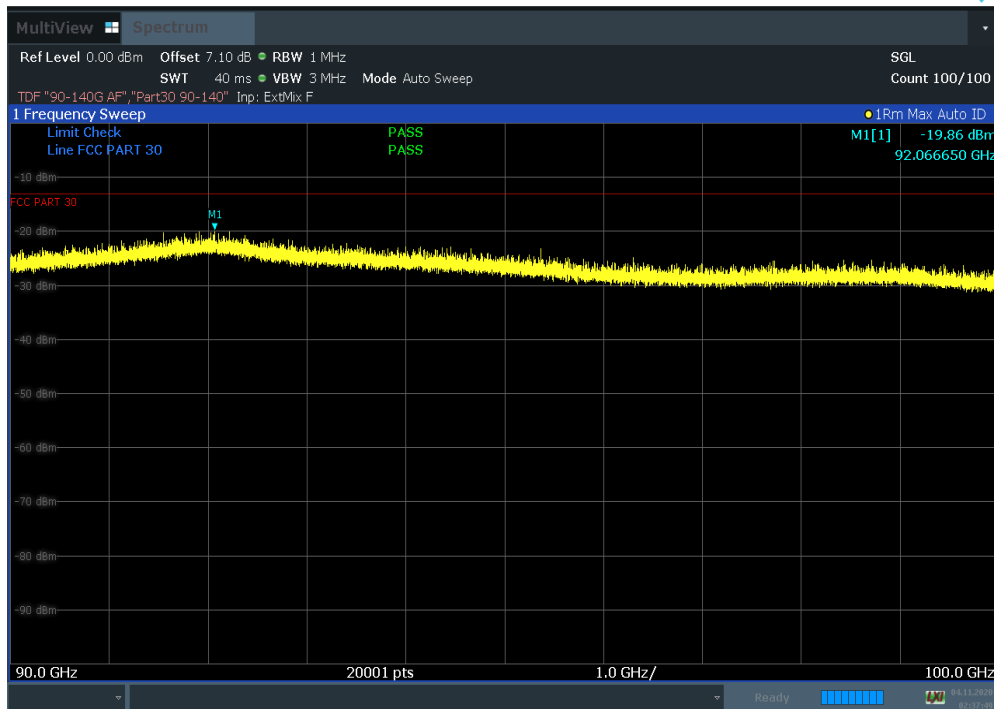


Plot 7-490. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. H)

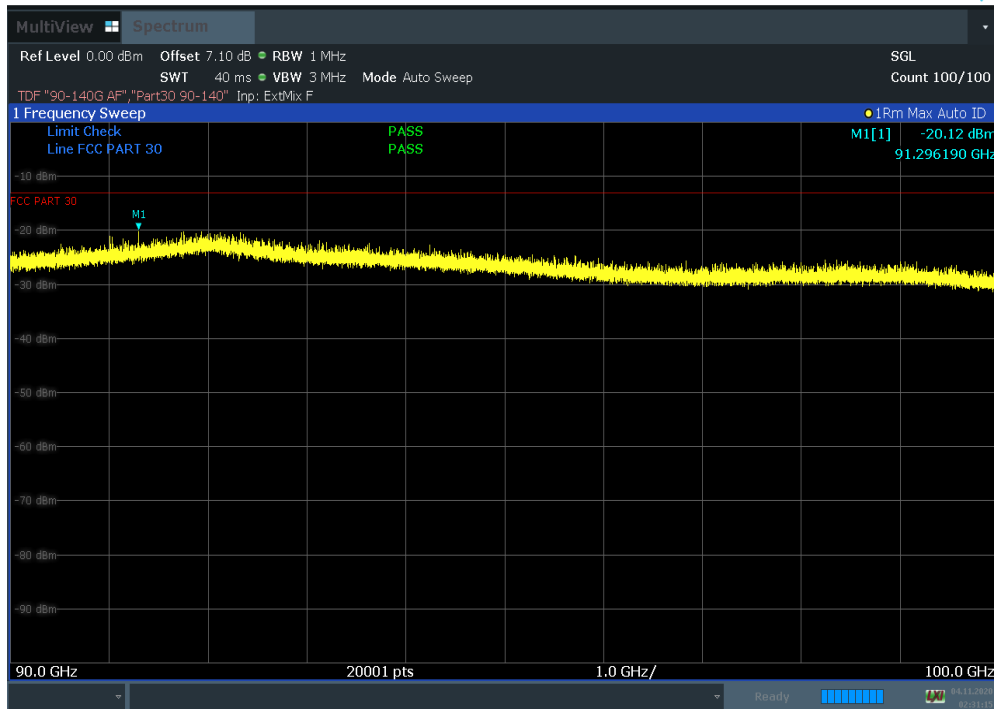


Plot 7-491. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK Mid Channel Pol. V)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 284 of 322



Plot 7-492. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. H)



Plot 7-493. Radiated Spurious Plot 90 GHz – 100 GHz (50 MHz 2CC + 100 MHz 6CC NC BW QPSK High Channel Pol. V)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 285 of 322

7.6 Band Edge Emissions

§2.1051 §30.203

Test Overview

All out of band emissions are measured in a radiated setup while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All modulations were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

The minimum permissible attenuation level of any spurious emission is -13 dBm / 1 MHz. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be -5 dBm / MHz or lower.

Test Procedure Used



ANSI C63.26-2015 Section 5.7.3
ANSI C63.26-2015 Section 6.4
KDB 842590 D01 v01r01 Section 4.4.2.5

Test Settings



1. Start and stop frequency were set such that both upper and lower band edges are measured.
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW = 1 MHz
4. VBW $\geq 3 \times$ RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = trace average
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Notes

- 1) The EUT was tested while positioned upright and mounted on a mast 1.5 m height. The worst case emissions are reported with the EUT in this fixed position and with the modulations and active component carriers shown in the tables below.
- 2) All measurements in this section was performed in the radiated setup in the far field.
- 3) All appropriate Antenna Factor, Cable Loss, and Duty Correction factor have been applied in the spectrum analyzer for each measurement. Additionally, band Edge measurements in this section are shown as equivalent conductive powers for direct comparison to the 30.203 limit. The conductive power at the band edge is calculated by subtracting the gain of the EUT's antenna from the measured EIRP level. Antenna Gain information is shown on the following page.
- 4) For band edge measurement of the receive horn antenna was maximized on Antenna A were individually energized and measured while maintaining maximized position on Antenna A. These measurements were saved into a spreadsheet and their spectra were summed to determine the total conducted power for the band edge emissions level shown starting in Section 7.6.5. The same procedure was repeated with the receive horn antenna maximized on Antennas B, C, and D.

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)	Page 286 of 322	

- 5) The MIMO Band Edges were calculated by using the “measure and sum the spectra across the outputs” technique specified in Section 6.4.3.2.2 of ANSI C63.26-2015. The spectra were summed linearly and converted to dBm for comparison with the limit.
- 6) 10% outside of the channel bandwidth result should be referred from 7.5 Radiated Spurious and Harmonic Emissions due to EUT Antenna subtraction calculation adoption. Thus, some failure results are performed of TRP measurement adopted.
- 7) A3LAT1K01-A10 test result is referenced as A3LAT1K01-A00 result which is difference of power type between AC(A3LAT1K01-A00) source and DC(A3LAT1K01-A10) source. Power supply condition is not affected to declared RF specification.

FCC ID: A3LAT1K01-A10	 MEASUREMENT REPORT (Class II Permissive Change)			Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)	Page 287 of 322	

7.6.1 Antenna Gain Information at the Band Edge

The following antenna gain information is provided to demonstrate the antenna performance of the 27 to 28.85 GHz band. These antenna gains were subtracted from the measured EIRP levels at the lower and upper band edge frequencies to determine an equivalent conductive power that was compared directly with the §30.203 limits.

Frequency [GHz]	Channel	Antenna Gain [dBi]
27.50	Low	28.12
28.35	High	28.33

Table 7-25. Antenna Gains at the Band Edges

Sample Analyzer Offset Calculation (at 27.50 GHz)

Measurement Antenna Factor = 39.54 dB/m

Cable Loss = 7.56 dB

Far Field Distance = 3.20 m

EUT Antenna Gain = 28.12 dBi

Duty Cycle Correction Factor = 1.37 dB

Analyzer Offset (dB) = AF (dB/m) + CL (dB) + 107 + 20log₁₀(D) – 104.8 dB – Gain (dBi) + Duty Correction factor (dB)

$$= 39.54 \text{ dB/m} + 7.56 \text{ dB} + 107 + 20\log_{10}(3.20) - 104.8 \text{ dB} - 28.12 \text{ dBi} + 1.37 \text{ dB}$$

$$= 32.65 \text{ dB}$$

Sample Analyzer Offset Calculation (at 28.35 GHz)

Measurement Antenna Factor = 39.74 dB/m

Cable Loss = 7.77 dB

Far Field Distance = 3.20 m



EUT Antenna Gain = 28.33 dBi

Duty Cycle Correction Factor = 1.37 dB

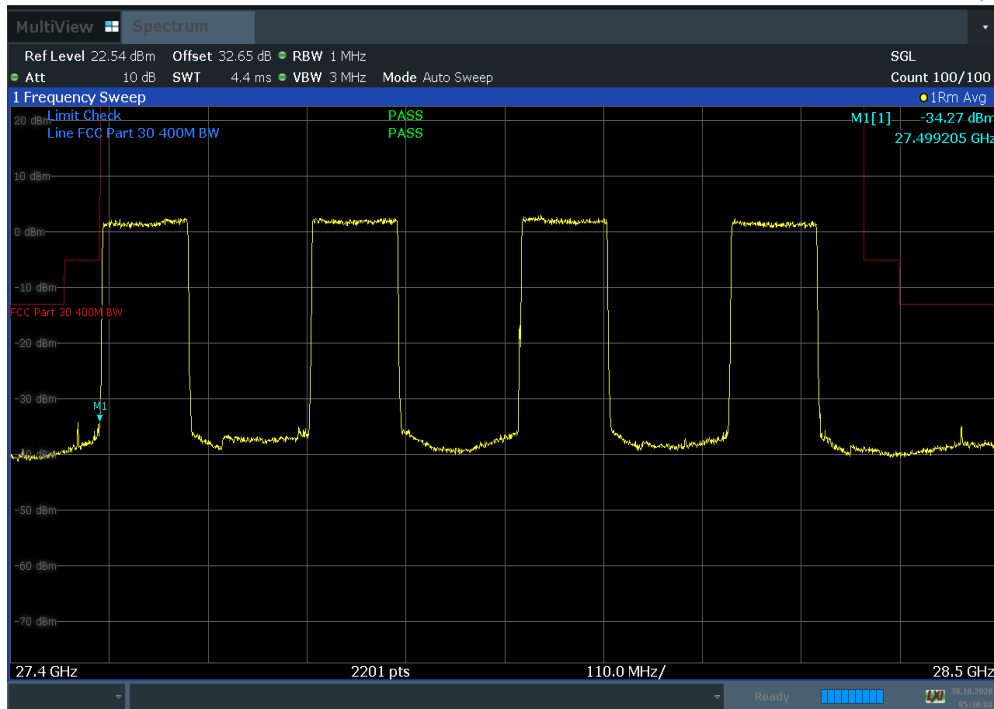
Analyzer Offset (dB) = AF (dB/m) + CL (dB) + 107 + 20log₁₀(D) – 104.8 dB – Gain (dBi) + Duty Correction factor (dB)

$$= 39.54 \text{ dB/m} + 7.77 \text{ dB} + 107 + 20\log_{10}(3.20) - 104.8 \text{ dB} - 28.33 \text{ dBi} + 1.37 \text{ dB}$$

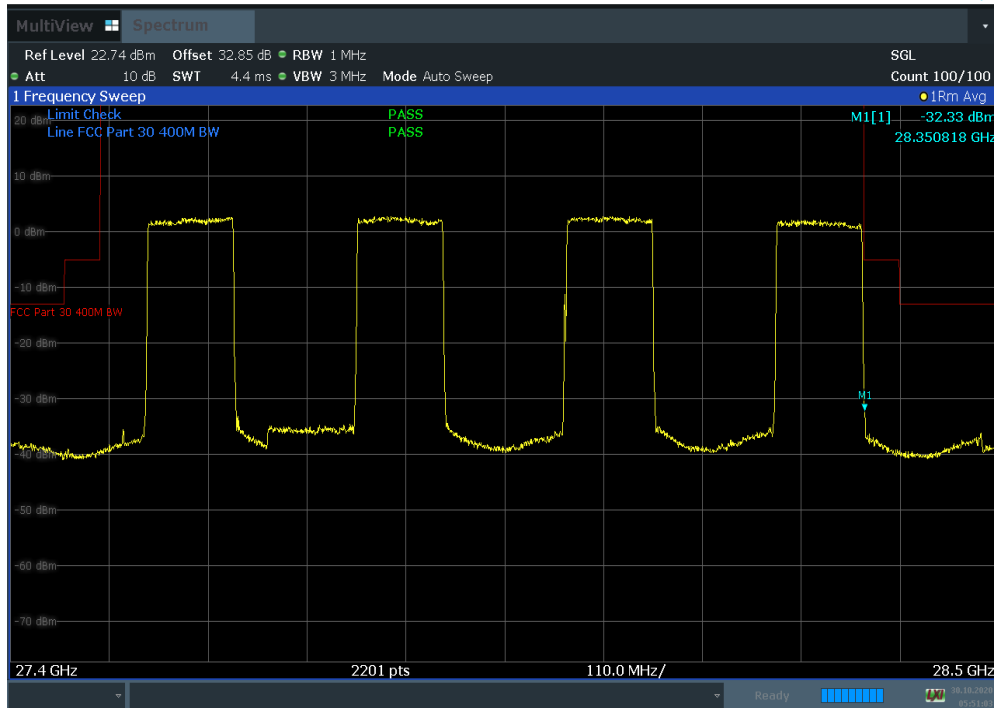
$$= 32.85 \text{ dB}$$

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)	Page 288 of 322	



7.6.2 Antenna A Conducted Band Edge Maximized on Antenna A

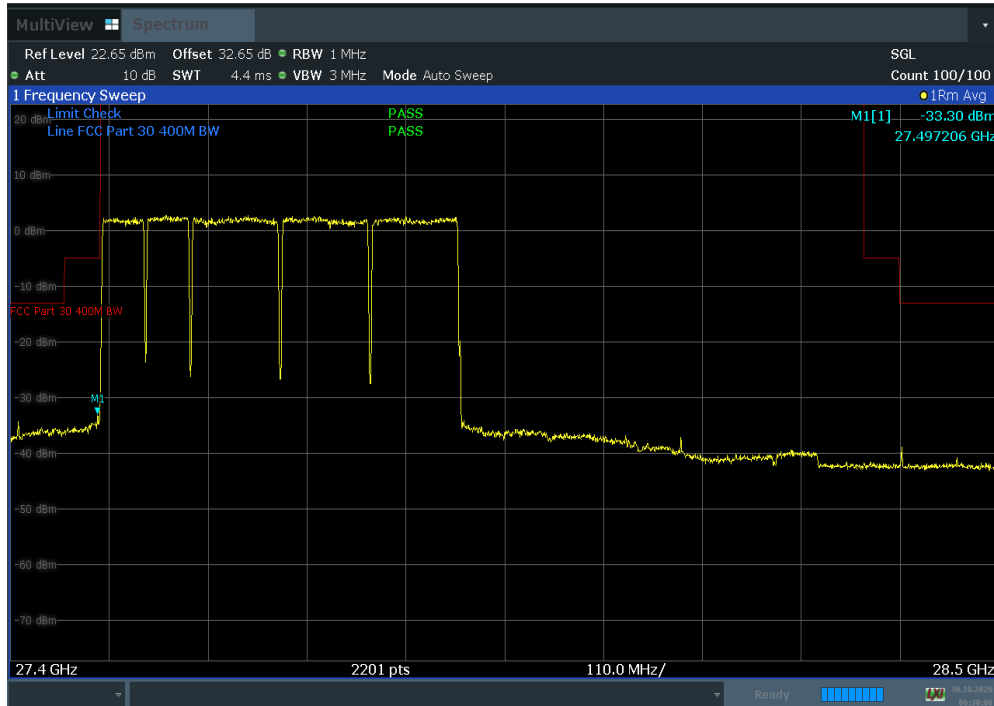


Plot 7-494. Band Edge (Ant A 100 MHz 4CC NC BW QPSK Low)

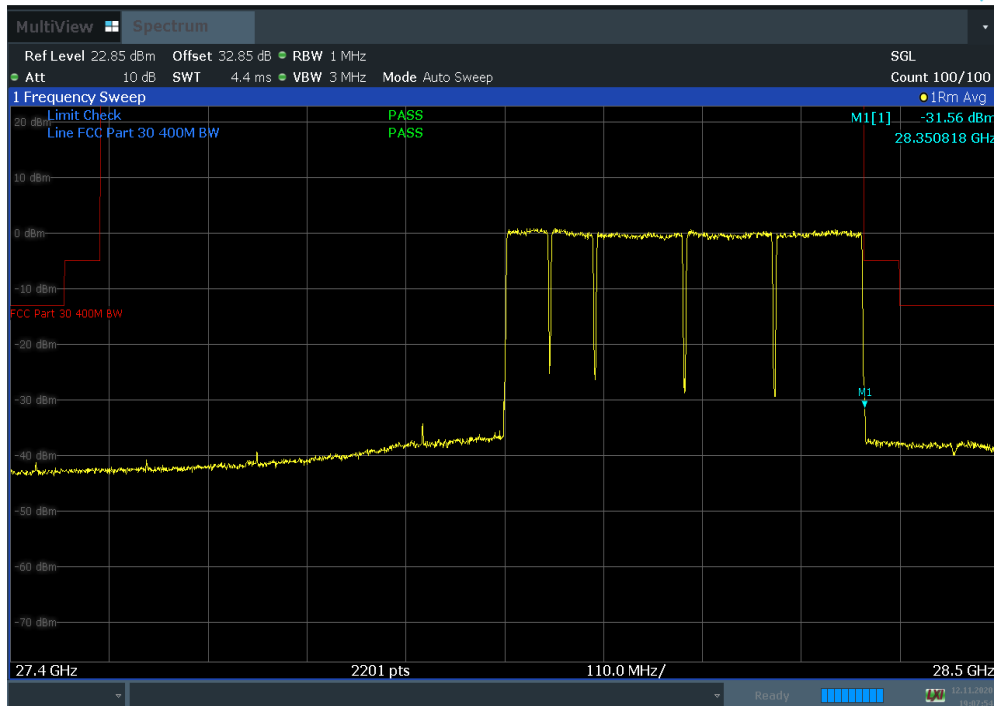


Plot 7-495. Band Edge (Ant A100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 289 of 322

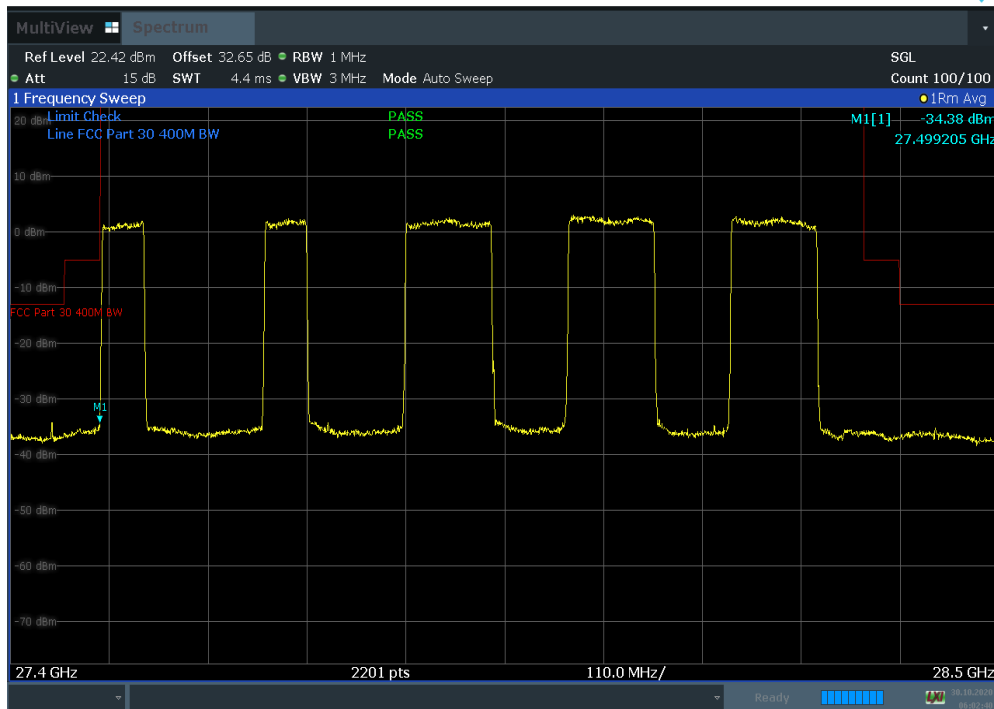


Plot 7-496. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)

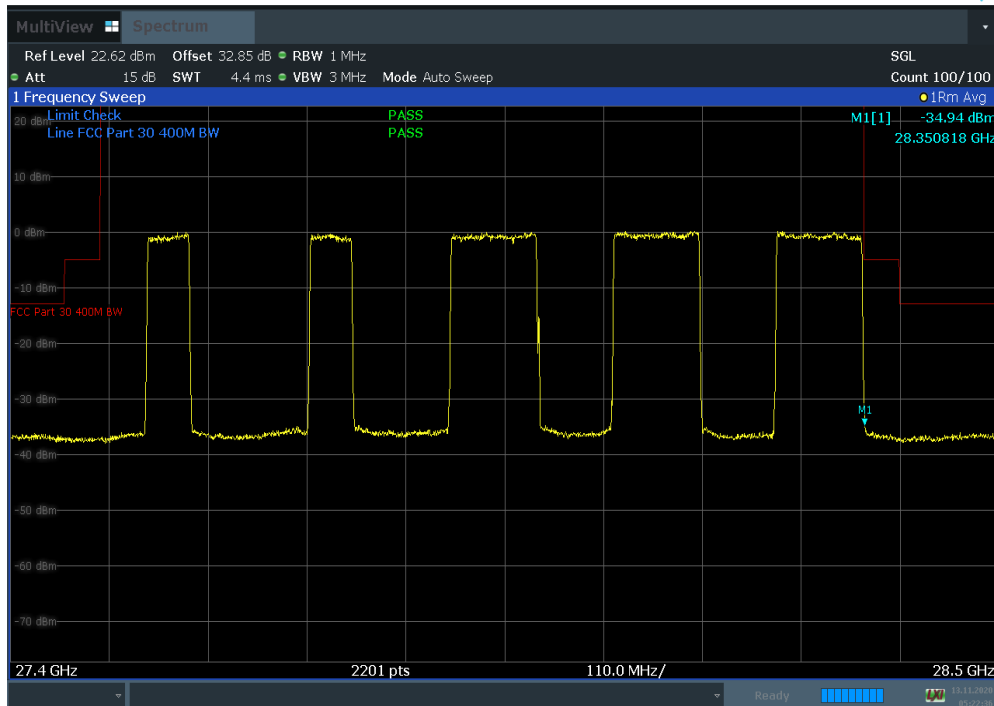


Plot 7-497. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC BW QPSK High)



FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 290 of 322

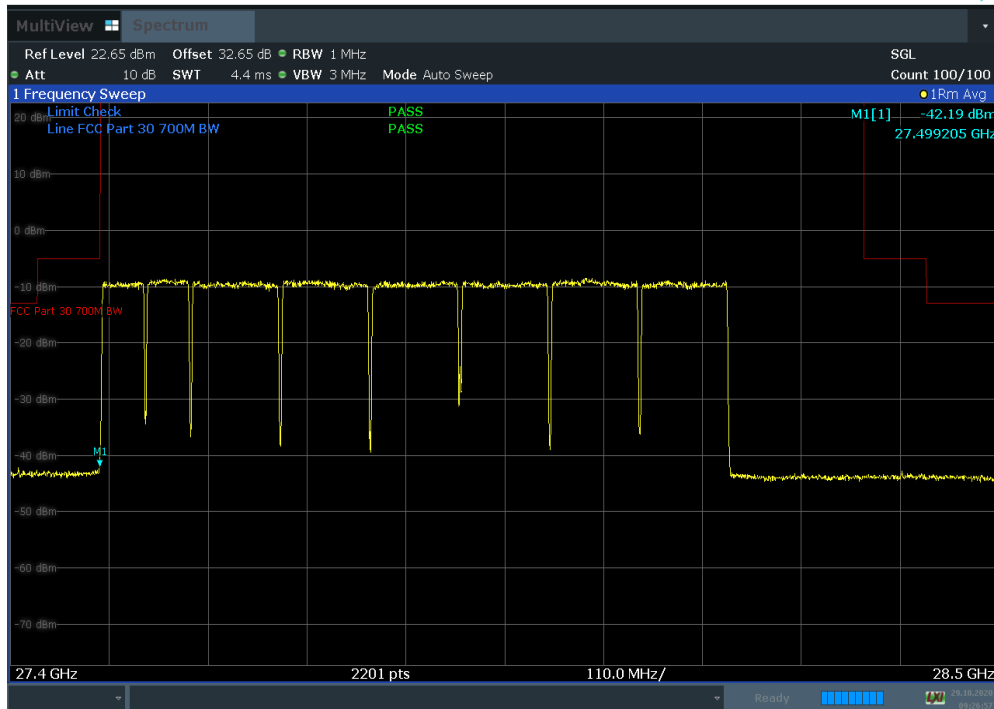


Plot 7-498. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)

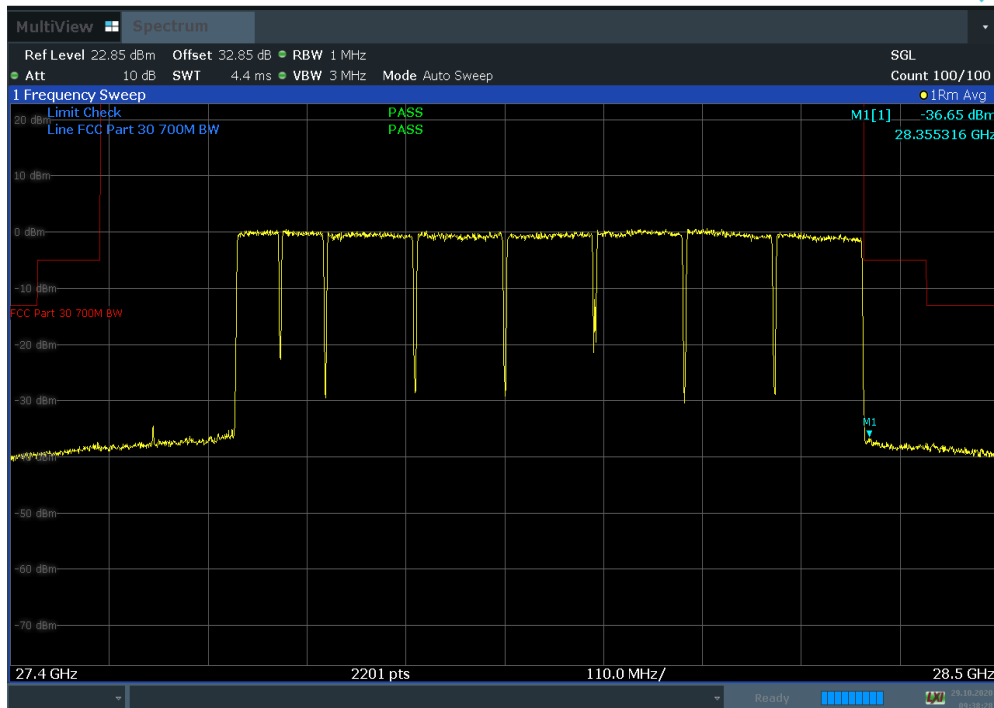


Plot 7-499. Band Edge (Ant A 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 291 of 322

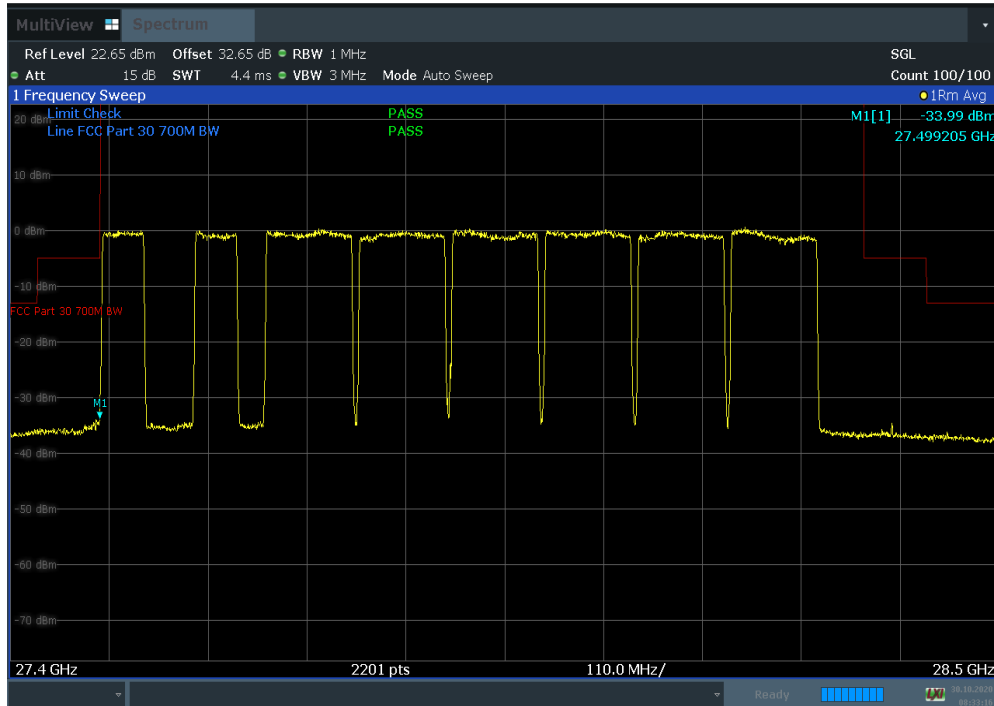


Plot 7-500. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC BW QPSK Low)

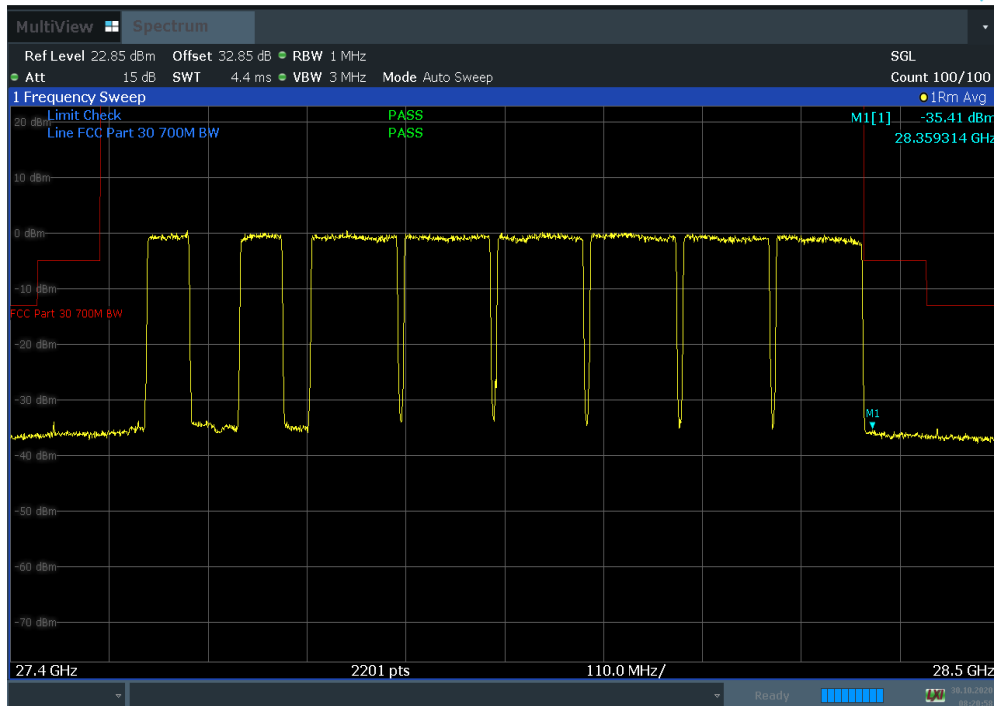


Plot 7-501. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC BW QPSK High)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 292 of 322



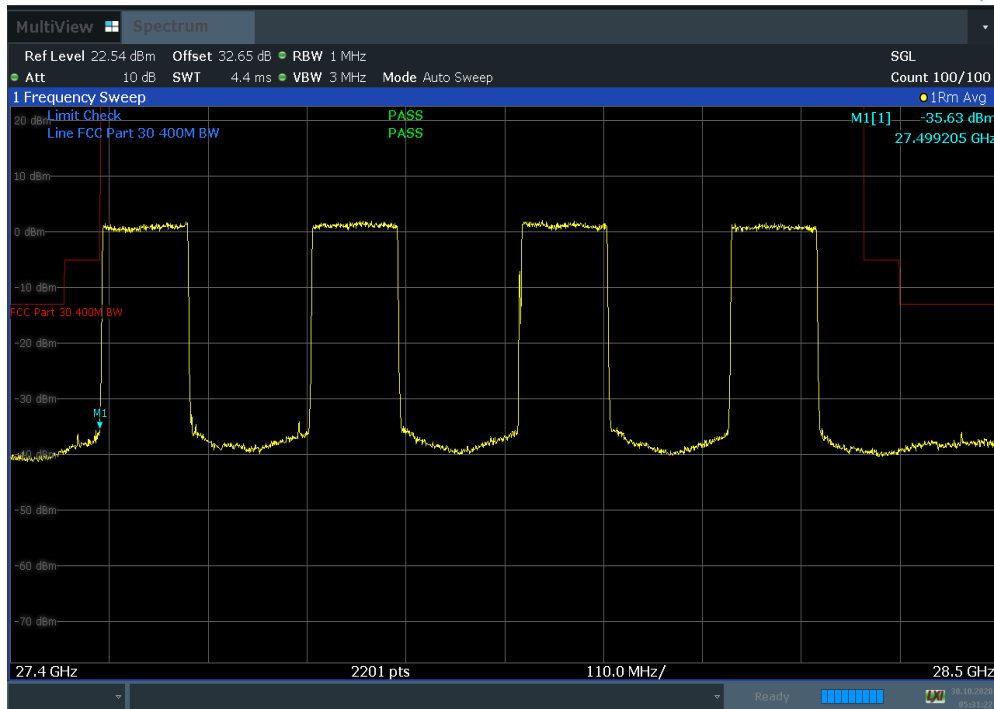
Plot 7-502. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low)



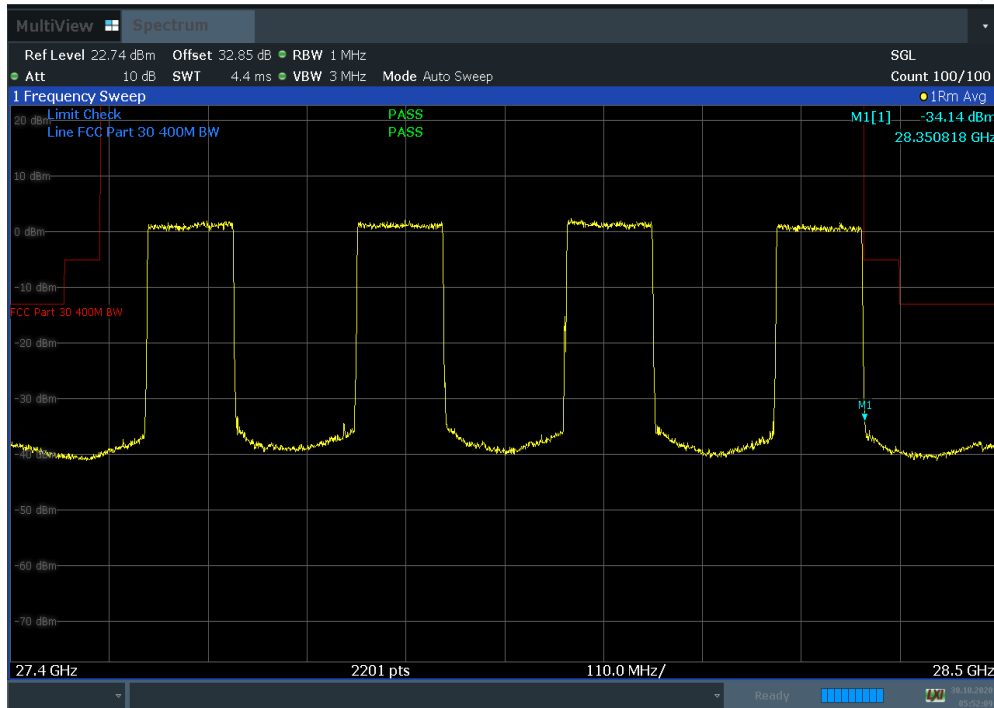
Plot 7-503. Band Edge (Ant A 50 MHz 2CC + 100 MHz 6CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 293 of 322

7.6.3 Antenna B Conducted Band Edge Maximized on Antenna B

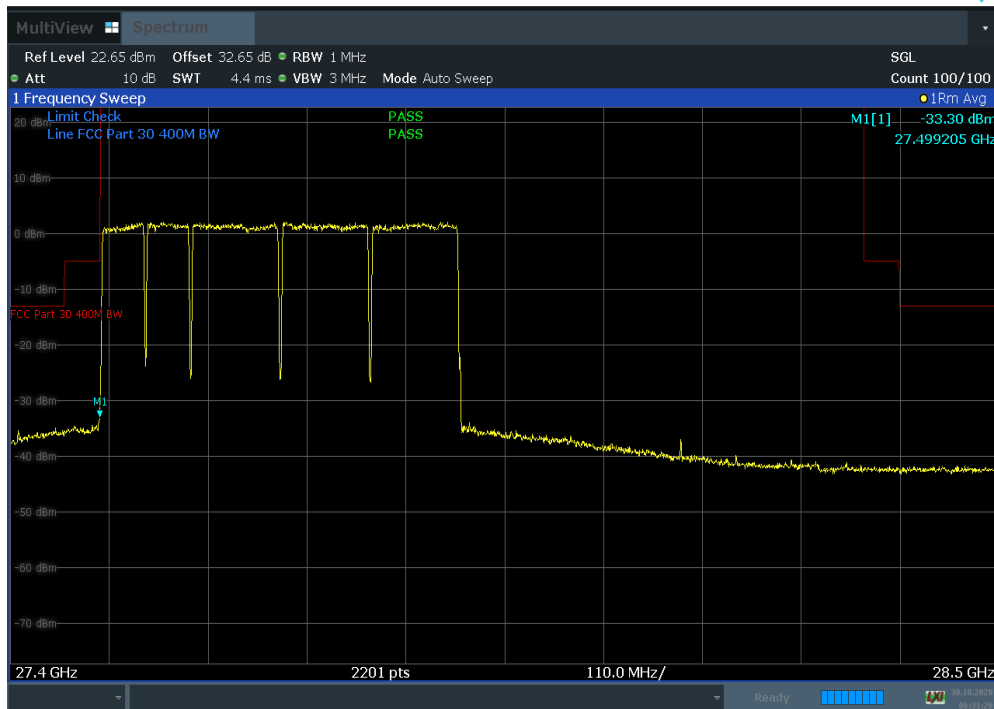


Plot 7-504. Band Edge (Ant B 100 MHz 4CC NC BW QPSK Low)

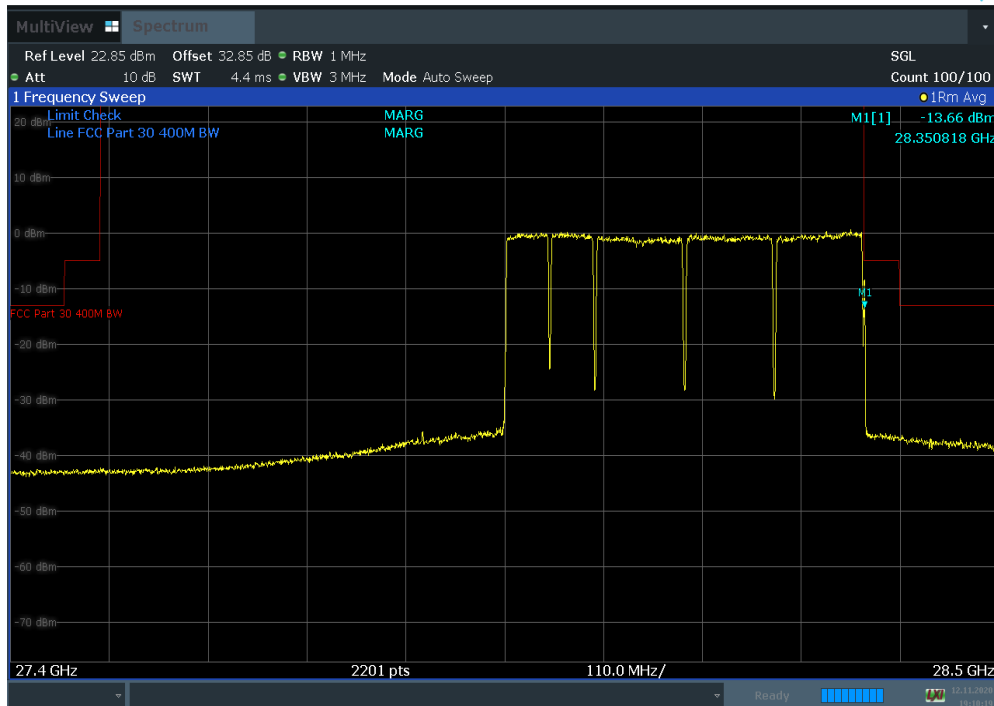


Plot 7-505. Band Edge (Ant B 100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 294 of 322

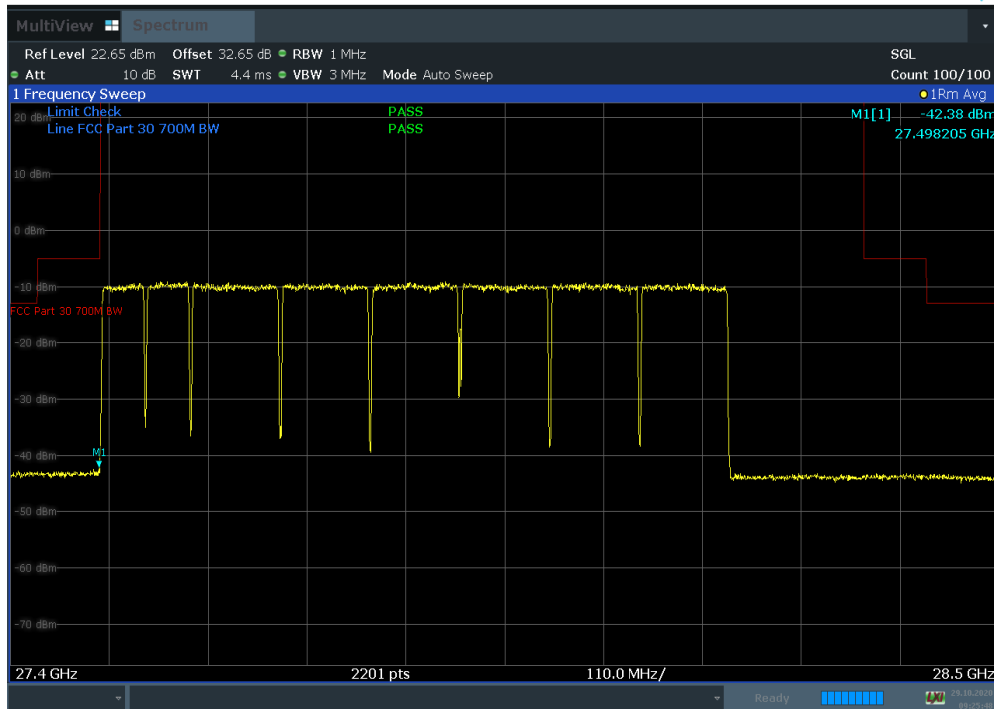


Plot 7-506. Band Edge (Ant B 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)

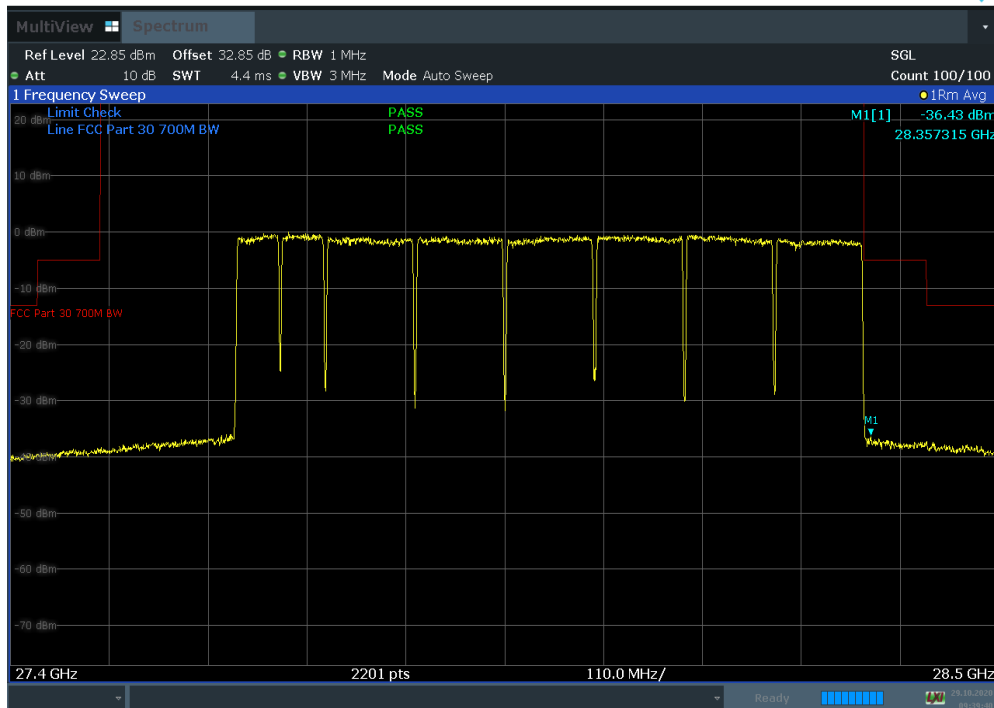


Plot 7-507. Band Edge (Ant B 50 MHz 2CC + 100 MHz 3CC BW QPSK High)



FCC ID: A3LAT1K01-A10	Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 295 of 322

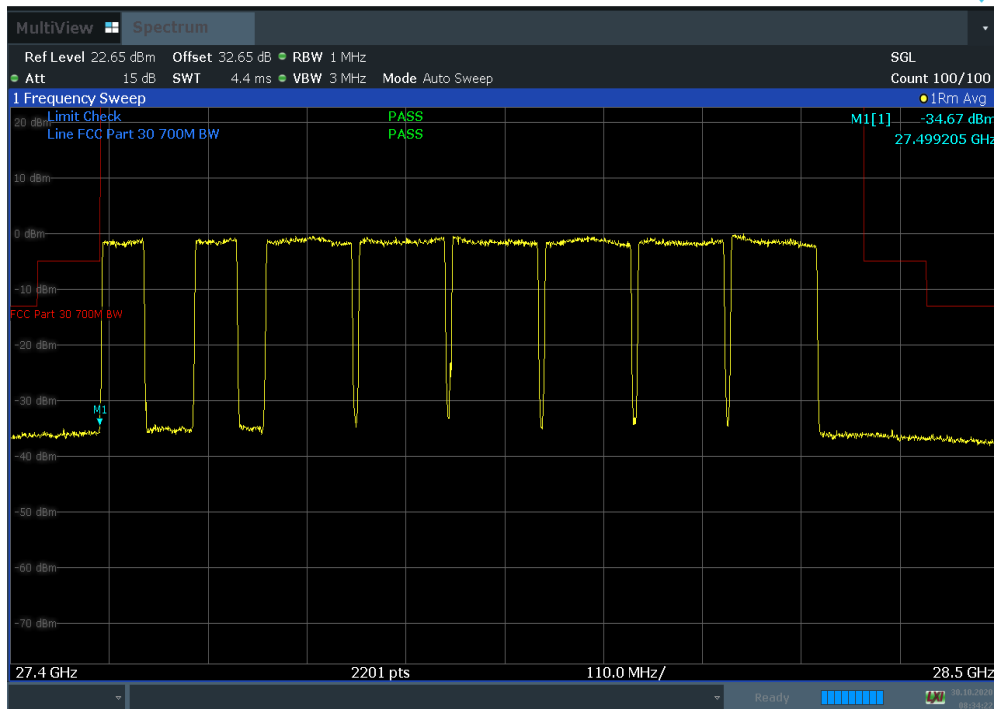


Plot 7-510. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC BW QPSK Low)

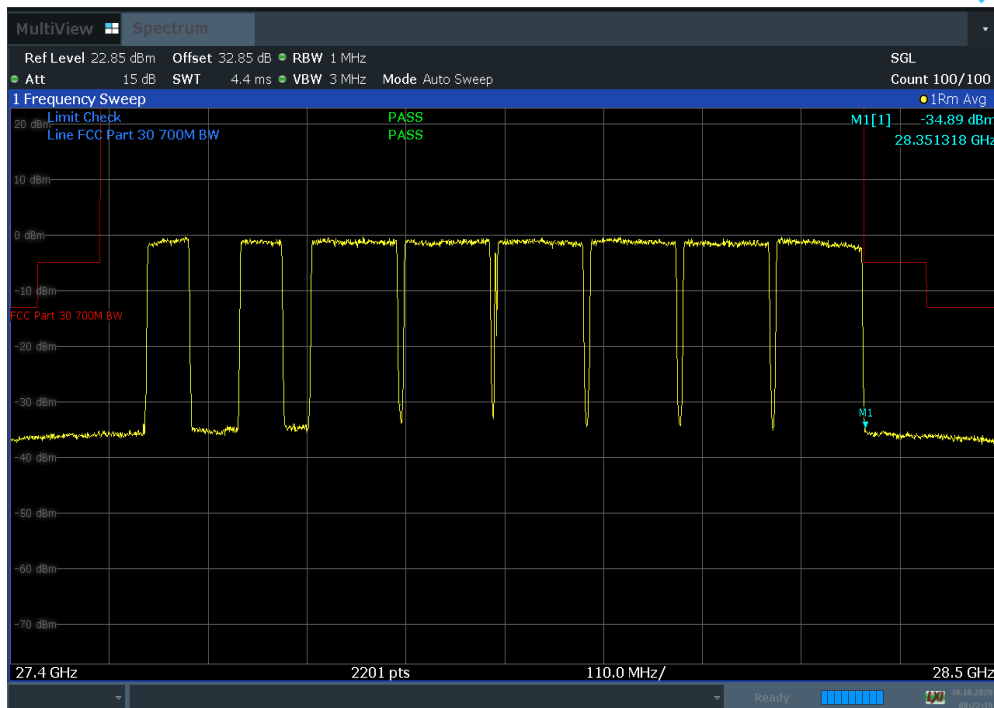


Plot 7-511. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 297 of 322



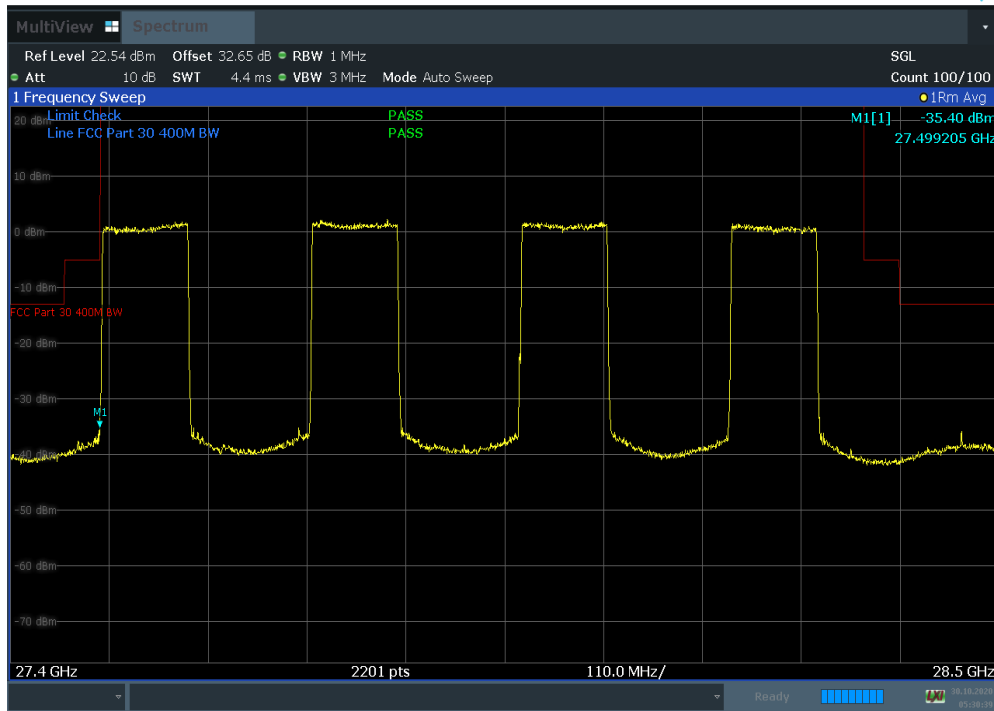
Plot 7-512. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low)



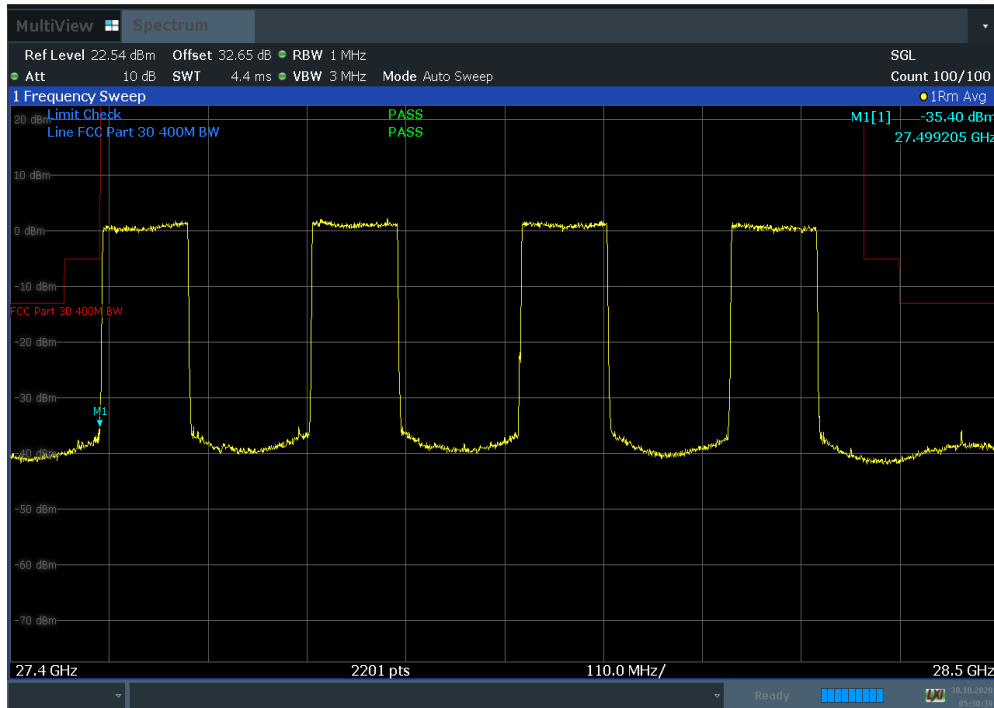
Plot 7-513. Band Edge (Ant B 50 MHz 2CC + 100 MHz 6CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 298 of 322

7.6.4 Antenna C Conducted Band Edge Maximized on Antenna C

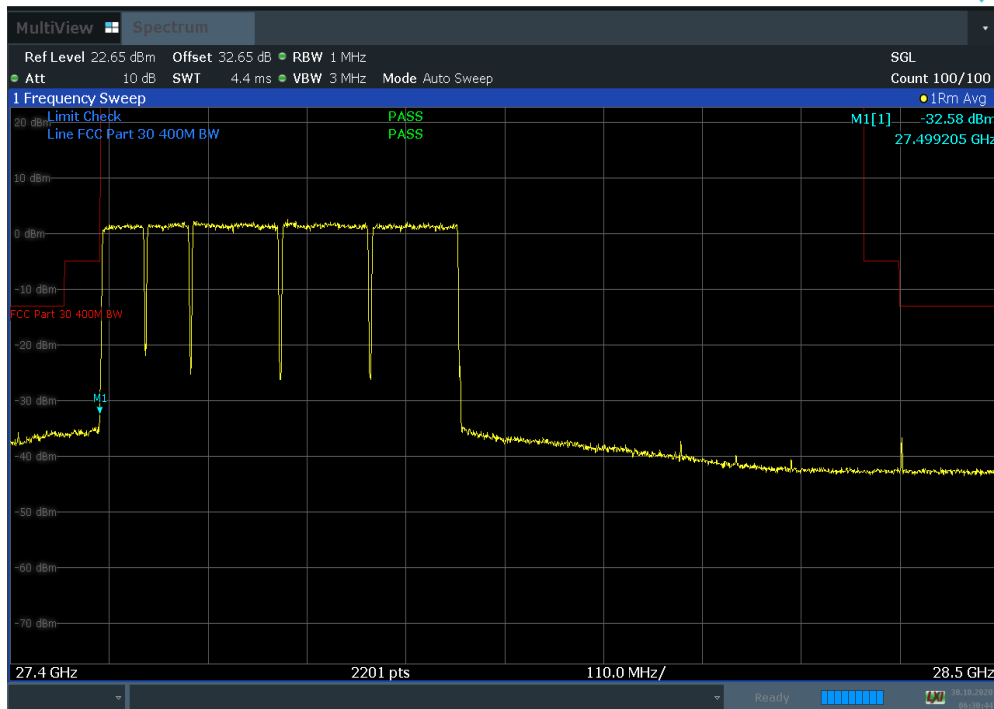


Plot 7-514. Band Edge (Ant C 100 MHz 4CC NC BW QPSK Low)

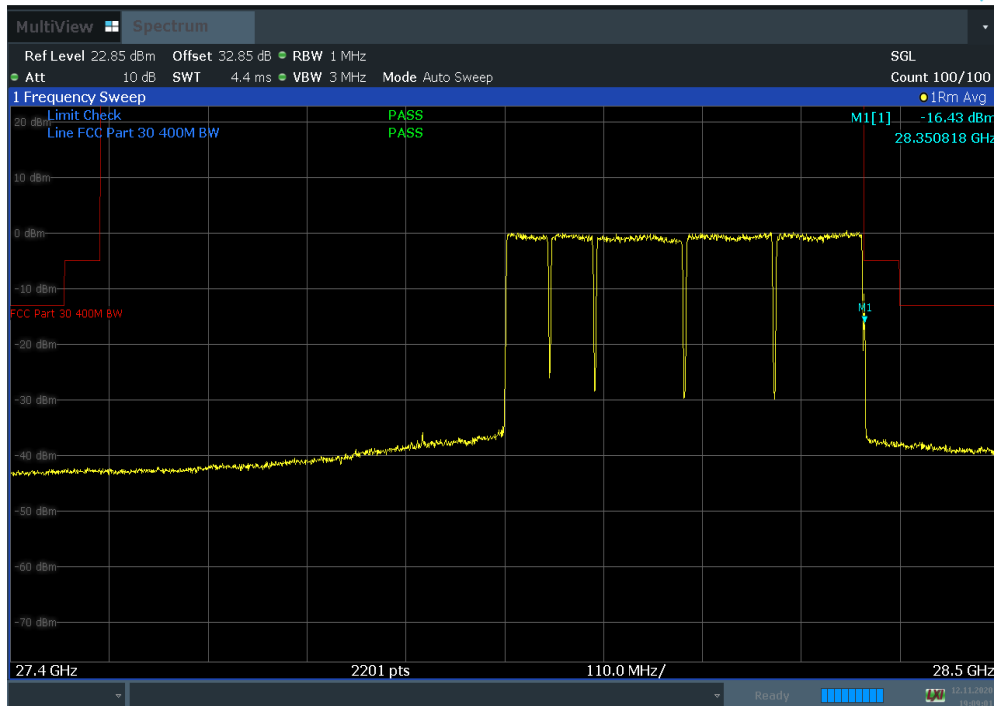


Plot 7-515. Band Edge (Ant C100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 299 of 322

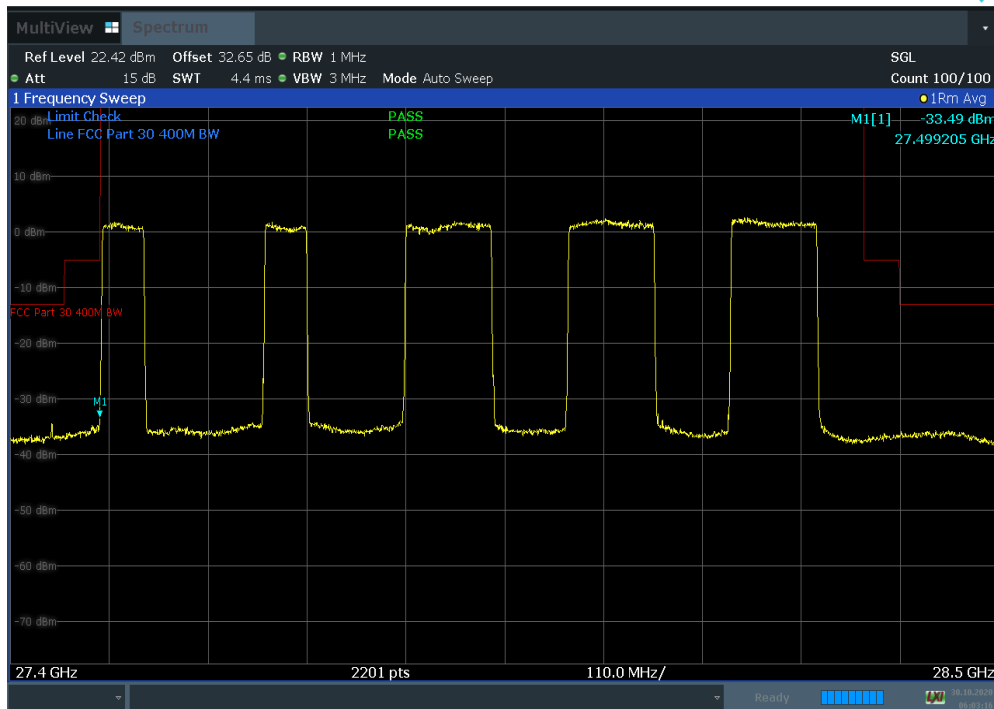


Plot 7-516. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)

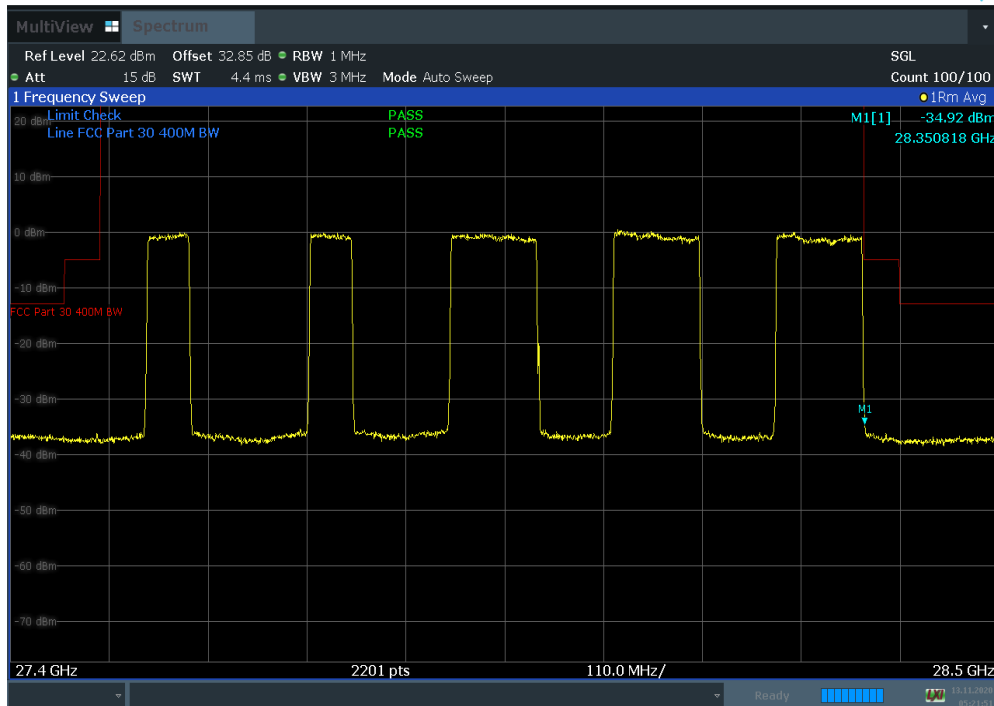


Plot 7-517. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC BW QPSK High)



FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 300 of 322

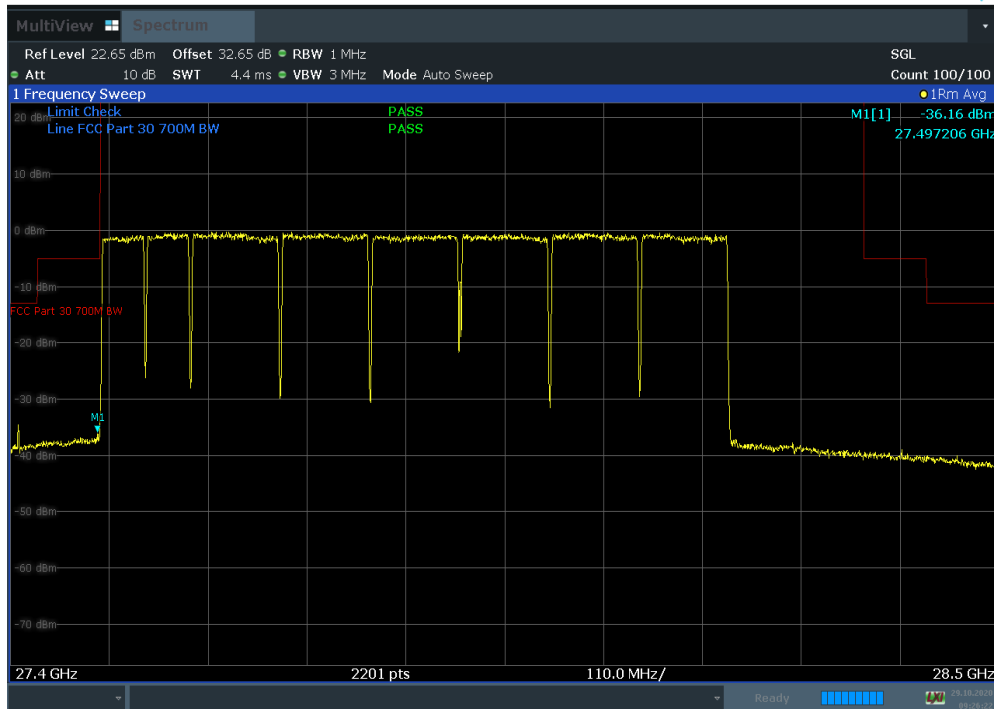


Plot 7-518. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)

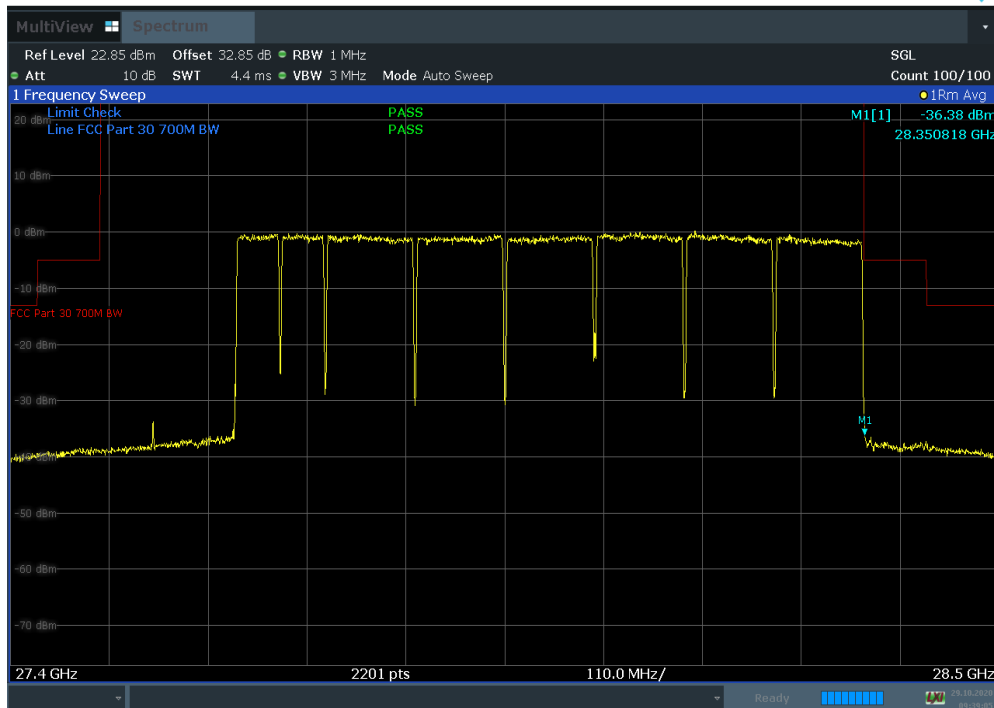


Plot 7-519. Band Edge (Ant C 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 301 of 322

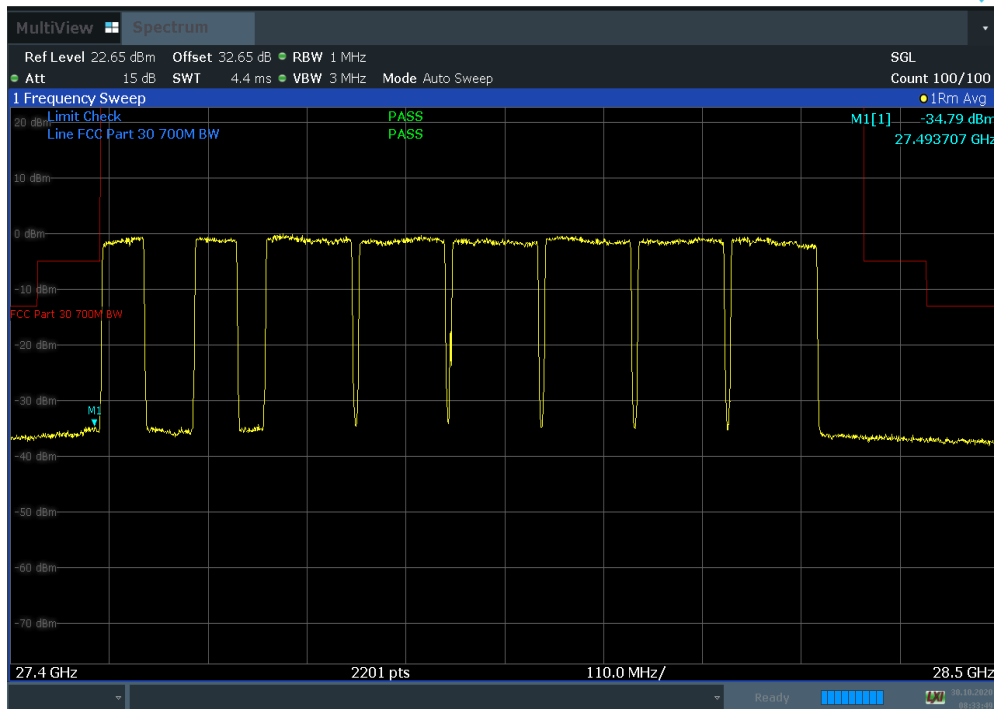


Plot 7-520. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC BW QPSK Low)

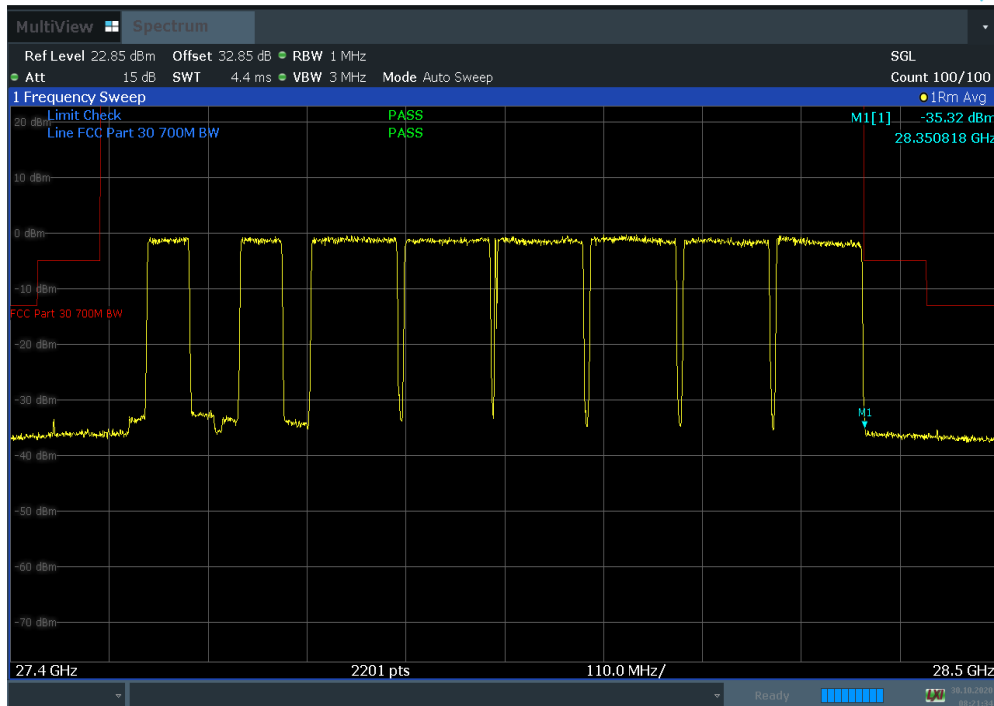


Plot 7-521. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC BW QPSK High)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 302 of 322



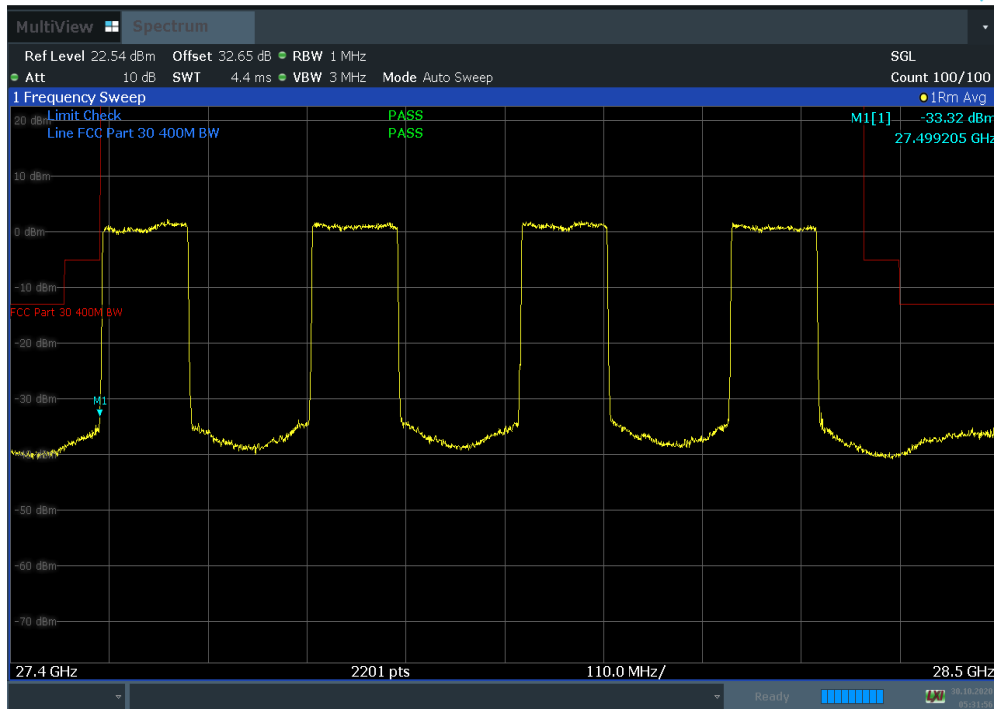
Plot 7-522. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC NC BW QPSK Low)



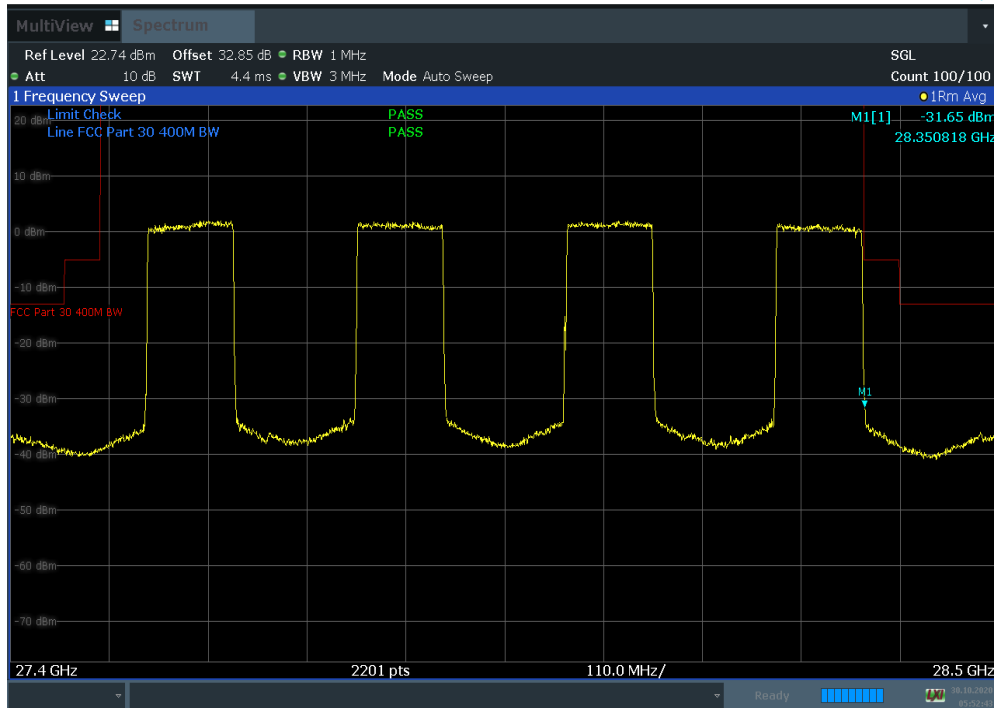
Plot 7-523. Band Edge (Ant C 50 MHz 2CC + 100 MHz 6CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 303 of 322

7.6.5 Antenna D Conducted Band Edge Maximized on Antenna D

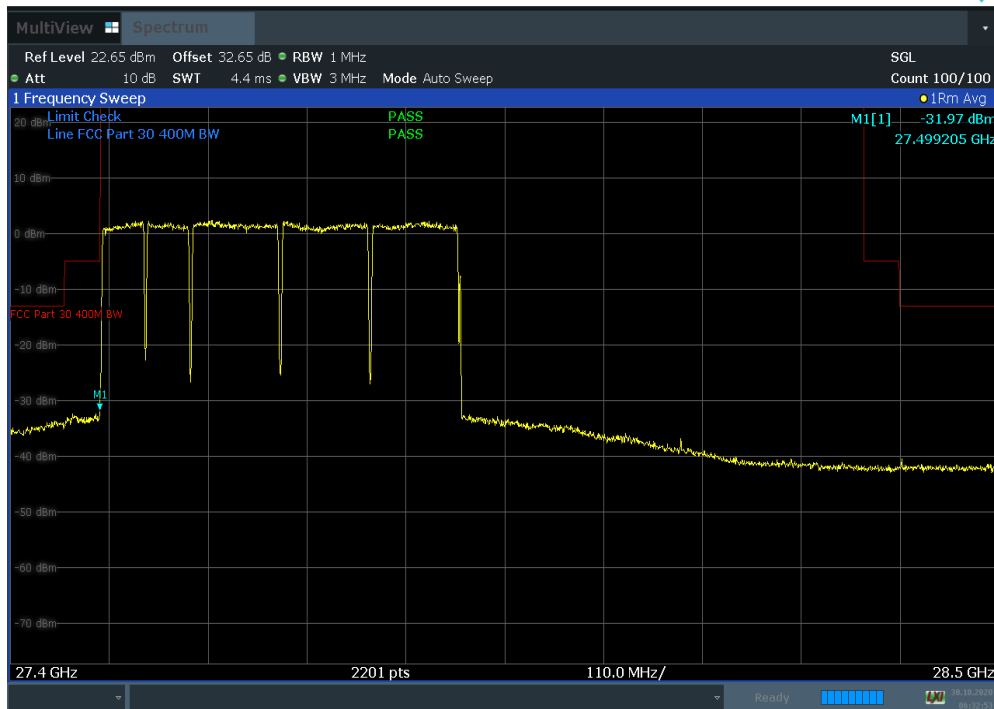


Plot 7-524. Band Edge (Ant D 100 MHz 4CC NC BW QPSK Low)

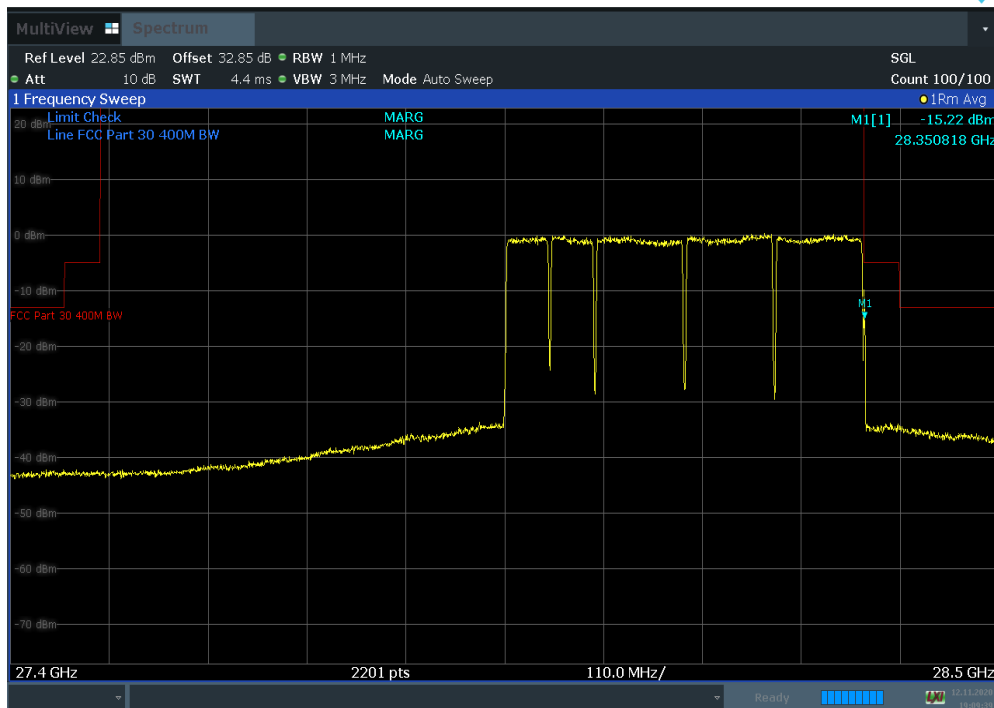


Plot 7-525. Band Edge (Ant D100 MHz 4CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 304 of 322

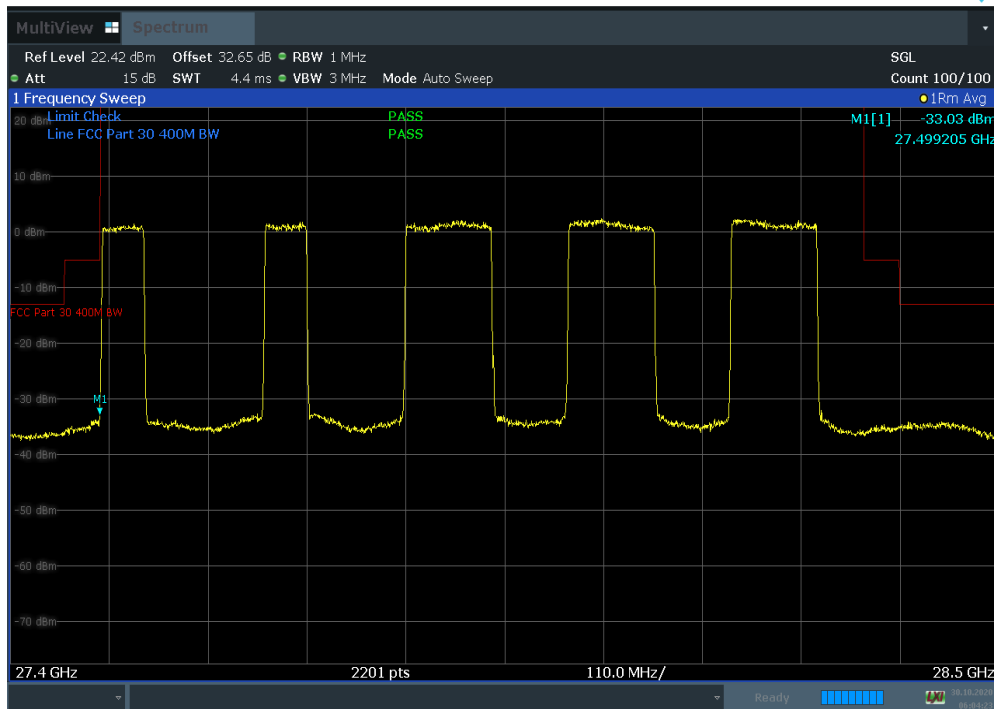


Plot 7-526. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC BW QPSK Low)

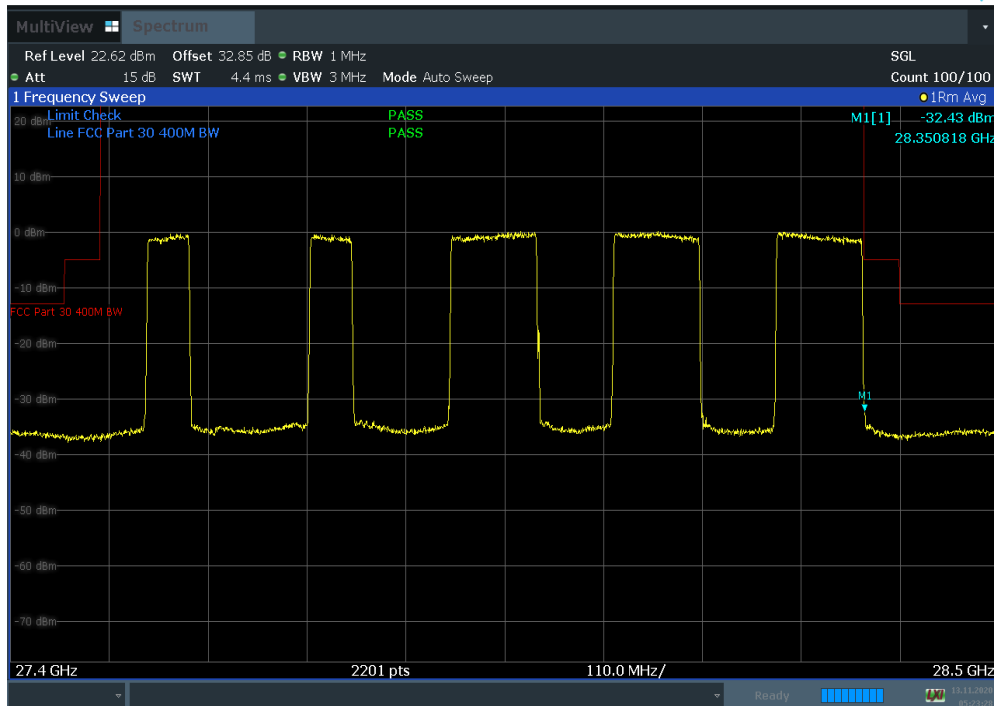


Plot 7-527. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC BW QPSK High)



FCC ID: A3LAT1K01-A10	PCTEST Proud to be part of element	MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 305 of 322



Plot 7-528. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC NC BW QPSK Low)



Plot 7-529. Band Edge (Ant D 50 MHz 2CC + 100 MHz 3CC NC BW QPSK High)

FCC ID: A3LAT1K01-A10		MEASUREMENT REPORT (Class II Permissive Change)		Approved by: Quality Manager
Test Report S/N: 8K20092801-02-R4.A3L	Test Dates: 10/27/2020-11/18/2020	EUT Type: AU(AT1K01)		Page 306 of 322