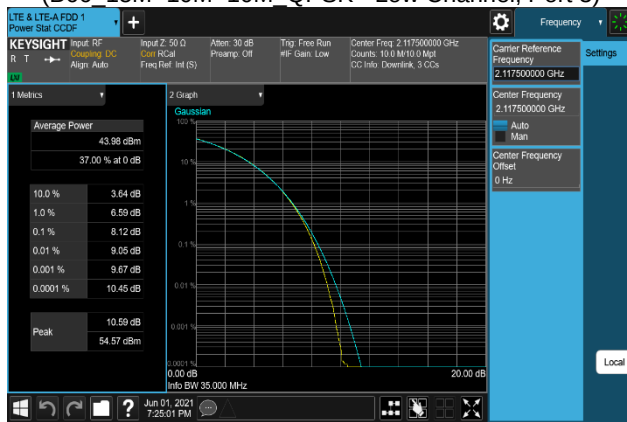




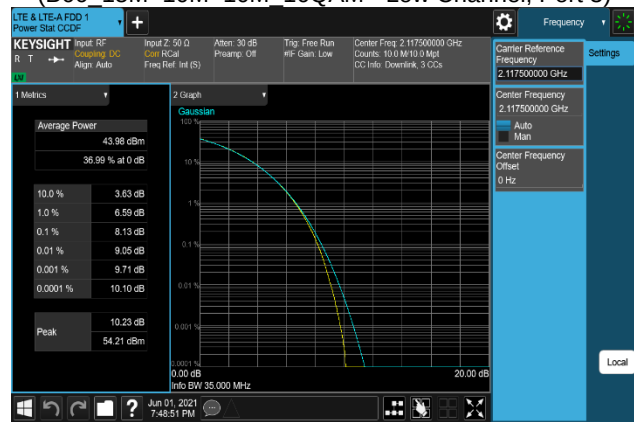
Plot 7-385. Peak To Average Power Radio Plot
(B66_15M+10M+10M_QPSK - Low Channel, Port 3)



Plot 7-386. Peak To Average Power Radio Plot
(B66_15M+10M+10M_16QAM - Low Channel, Port 3)



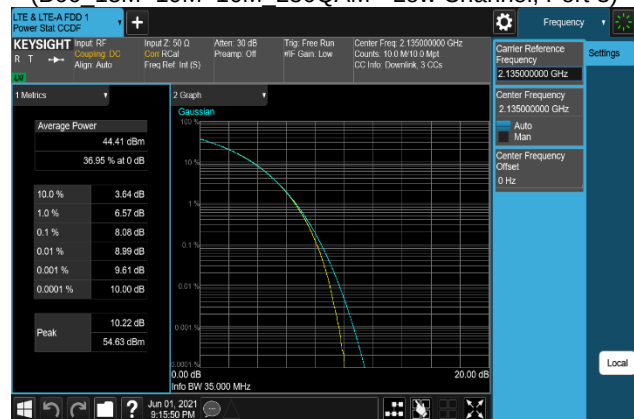
Plot 7-387. Peak To Average Power Radio Plot
(B66_15M+10M+10M_64QAM - Low Channel, Port 3)



Plot 7-388. Peak To Average Power Radio Plot
(B66_15M+10M+10M_256QAM - Low Channel, Port 3)

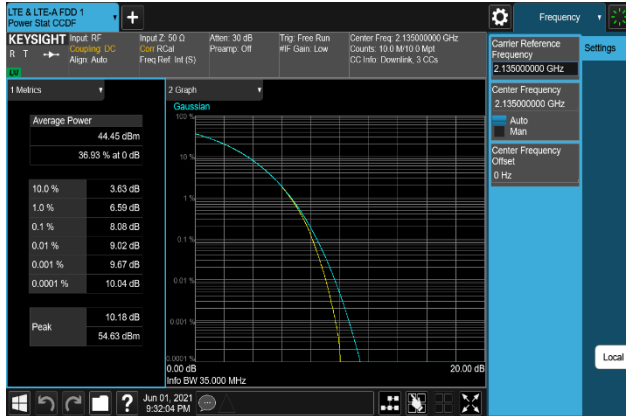


Plot 7-389. Peak To Average Power Radio Plot
(B66_15M+10M+10M_QPSK - Middle Channel, Port 0)



Plot 7-390. Peak To Average Power Radio Plot
(B66_15M+10M+10M_16QAM - Middle Channel, Port 0)

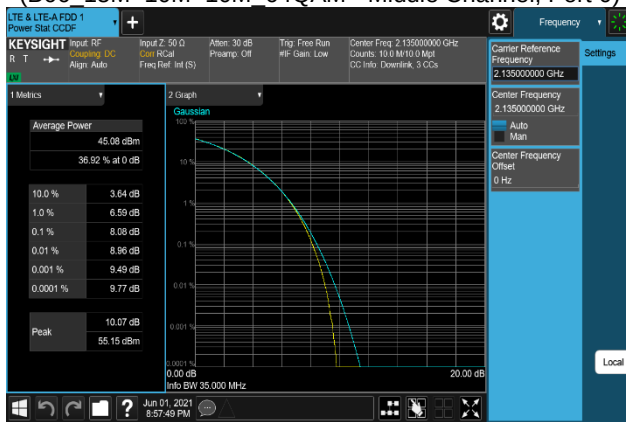
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 96 of 515



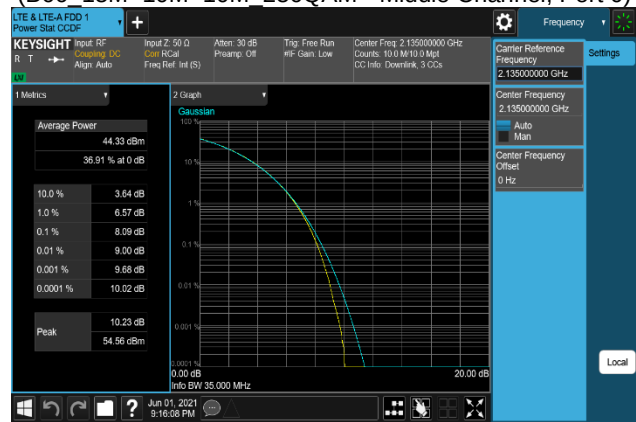
Plot 7-391. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_64QAM - Middle Channel, Port 0)



Plot 7-392. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_256QAM - Middle Channel, Port 0)



Plot 7-393. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_QPSK - Middle Channel, Port 1)



Plot 7-394. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_16QAM - Middle Channel, Port 1)



Plot 7-395. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_64QAM - Middle Channel, Port 1)



Plot 7-396. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_256QAM - Middle Channel, Port 1)

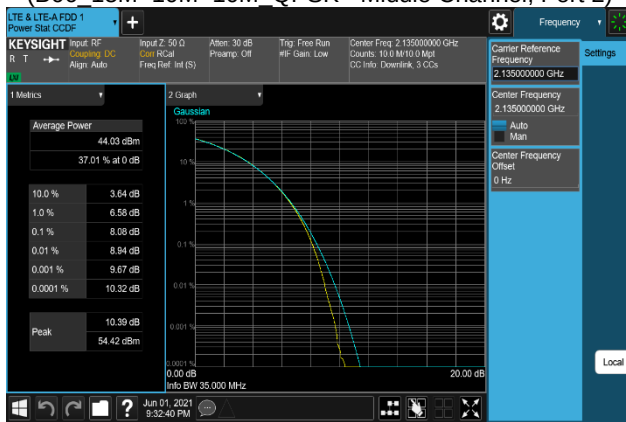
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 97 of 515



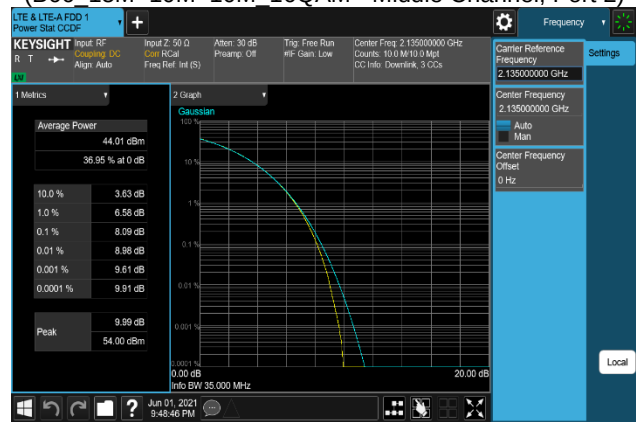
Plot 7-397. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_QPSK - Middle Channel, Port 2)



Plot 7-398. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_16QAM - Middle Channel, Port 2)



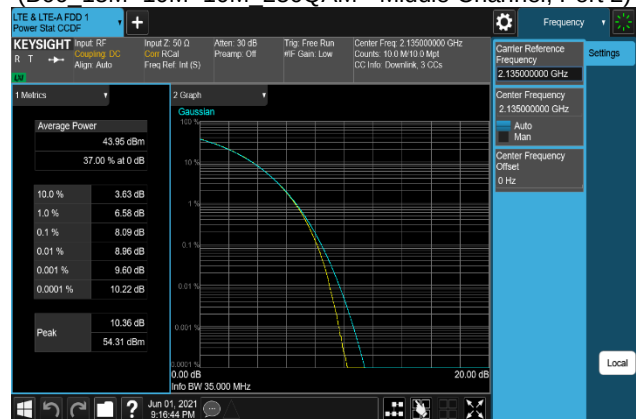
Plot 7-399. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_64QAM - Middle Channel, Port 2)



Plot 7-400. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_256QAM - Middle Channel, Port 2)



Plot 7-401. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_QPSK - Middle Channel, Port 3)



Plot 7-402. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_16QAM - Middle Channel, Port 3)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 98 of 515



Plot 7-403. Peak To Average Power Radio Plot
(B66_15M+10M+10M_64QAM - Middle Channel, Port 3)



Plot 7-404. Peak To Average Power Radio Plot
(B66_15M+10M+10M_256QAM - Middle Channel, Port 3)



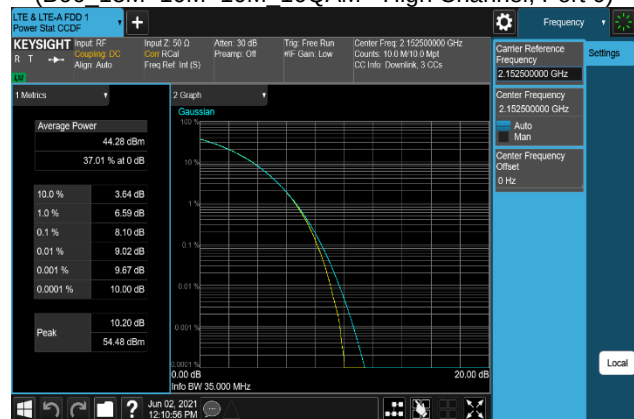
Plot 7-405. Peak To Average Power Radio Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 0)



Plot 7-406. Peak To Average Power Radio Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 0)

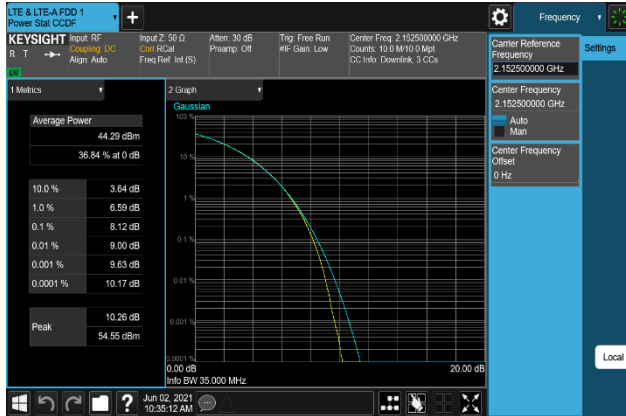


Plot 7-407. Peak To Average Power Radio Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 0)



Plot 7-408. Peak To Average Power Radio Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 0)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 99 of 515



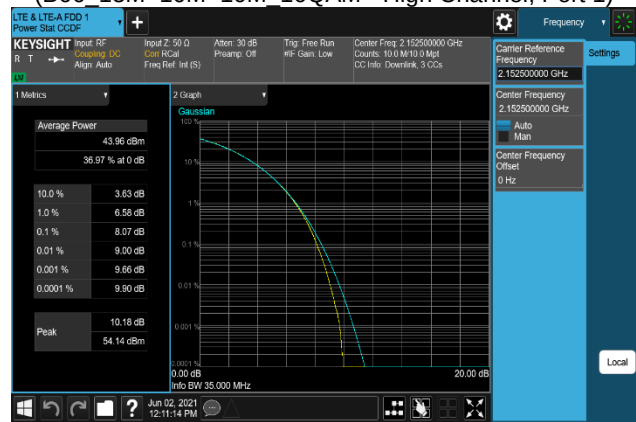
Plot 7-409. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 1)



Plot 7-410. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 1)



Plot 7-411. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 1)



Plot 7-412. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 1)

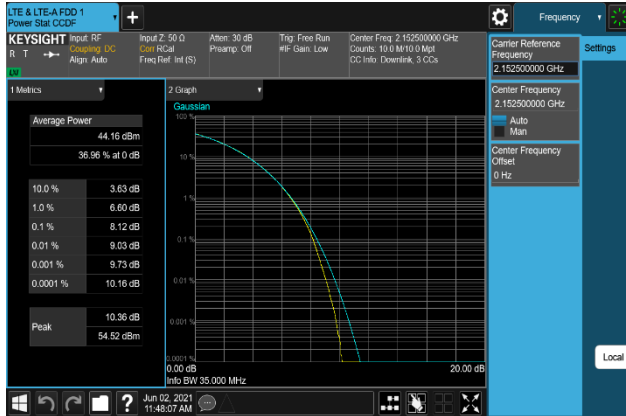


Plot 7-413. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 2)



Plot 7-414. Peak To Average Power Ratio Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 2)

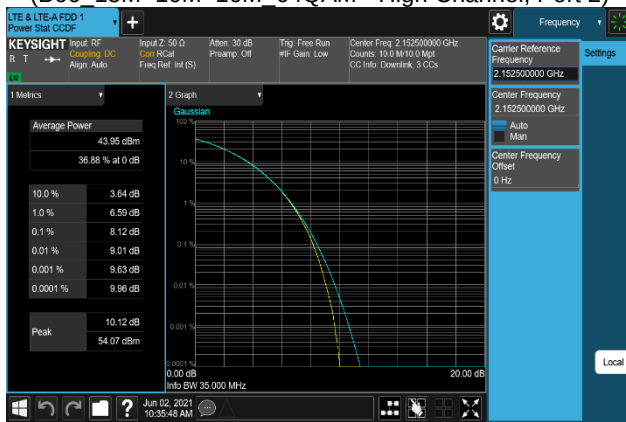
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 100 of 515



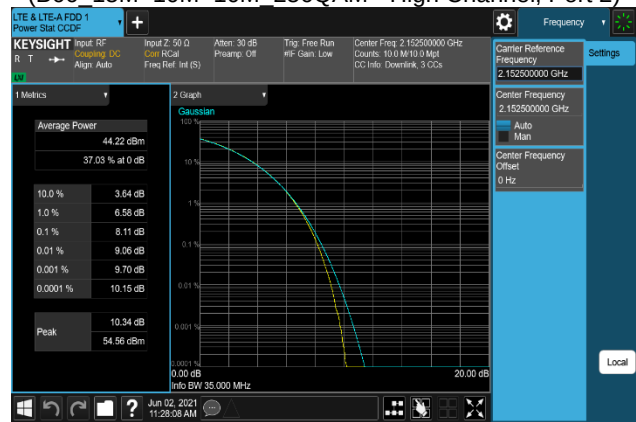
Plot 7-415. Peak To Average Power Radio Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 2)



Plot 7-416. Peak To Average Power Radio Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 2)



Plot 7-417. Peak To Average Power Radio Plot
(B66_15M+10M+10M_QPSK - High Channel, Port 3)



Plot 7-418. Peak To Average Power Radio Plot
(B66_15M+10M+10M_16QAM - High Channel, Port 3)



Plot 7-419. Peak To Average Power Radio Plot
(B66_15M+10M+10M_64QAM - High Channel, Port 3)



Plot 7-420. Peak To Average Power Radio Plot
(B66_15M+10M+10M_256QAM - High Channel, Port 3)

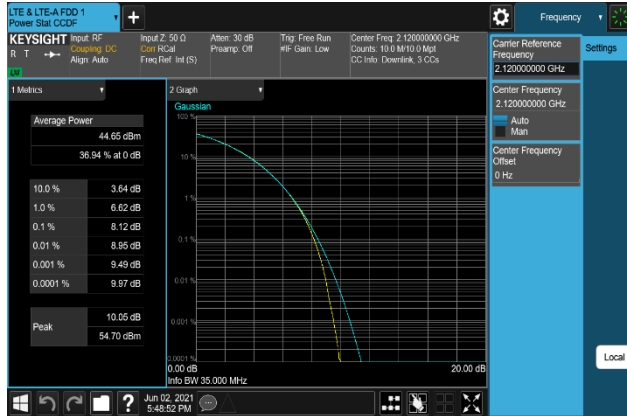
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 101 of 515

- B66_20M+5M+10M_Contiguous

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.12	8.11	8.11	8.08	< 13
	1	8.10	8.12	8.10	8.08	< 13
	2	8.13	8.14	8.12	8.09	< 13
	3	8.12	8.12	8.11	8.09	< 13
Middle	0	8.08	8.06	8.08	8.05	< 13
	1	8.08	8.06	8.08	8.05	< 13
	2	8.07	8.08	8.07	8.07	< 13
	3	8.08	8.08	8.06	8.07	< 13
High	0	8.07	8.07	8.09	8.07	< 13
	1	8.08	8.07	8.09	8.07	< 13
	2	8.05	8.11	8.09	8.09	< 13
	3	8.08	8.10	8.10	8.10	< 13

Table 7-27. Peak To Average Power Ratio Summary Data (B66_20M+5M+10M)

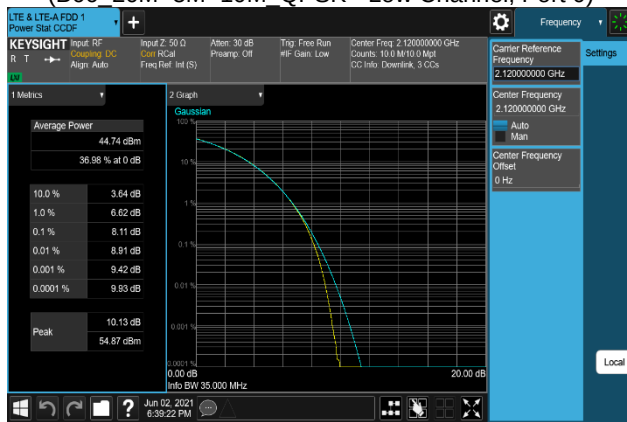
FCC ID: A3LRF4402D-D1A	 MEASUREMENT REPORT (Class II Permissive Change)			Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)	Page 102 of 515	



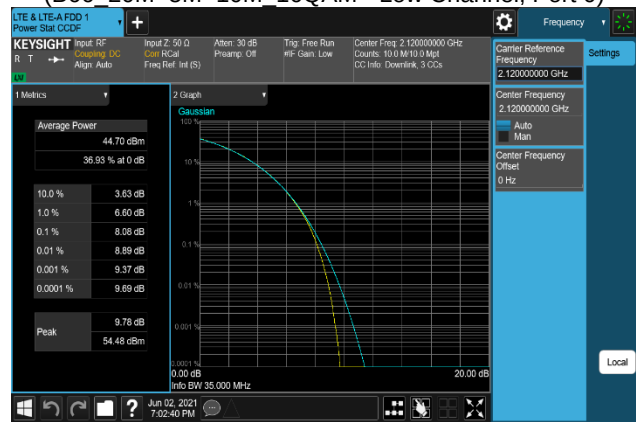
Plot 7-421. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 0)



Plot 7-422. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 0)



Plot 7-423. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 0)



Plot 7-424. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 0)



Plot 7-425. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 1)



Plot 7-426. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 1)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 103 of 515



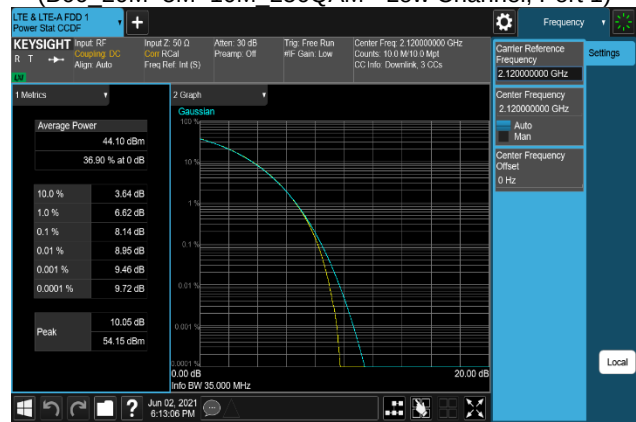
Plot 7-427. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 1)



Plot 7-428. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 1)



Plot 7-429. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-430. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)

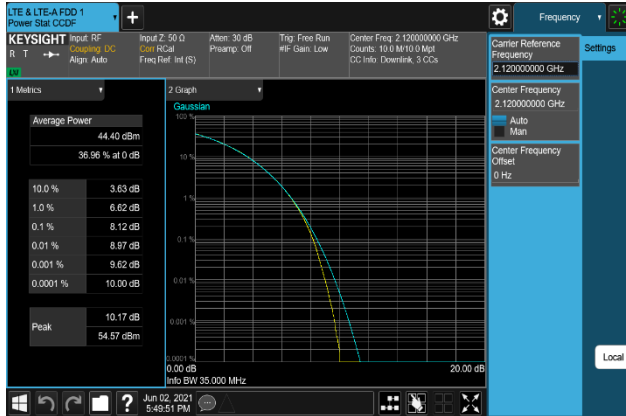


Plot 7-431. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)



Plot 7-432. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)

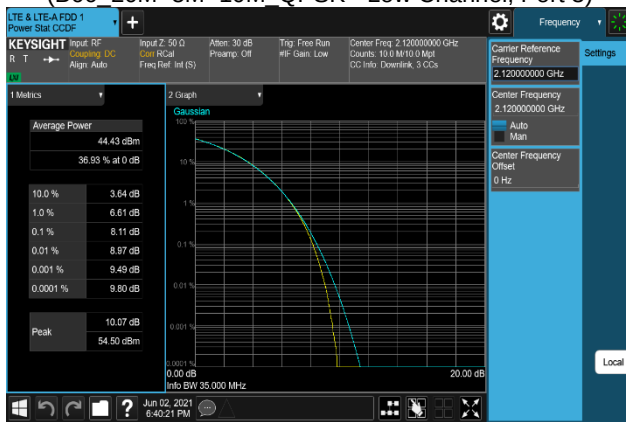
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 104 of 515



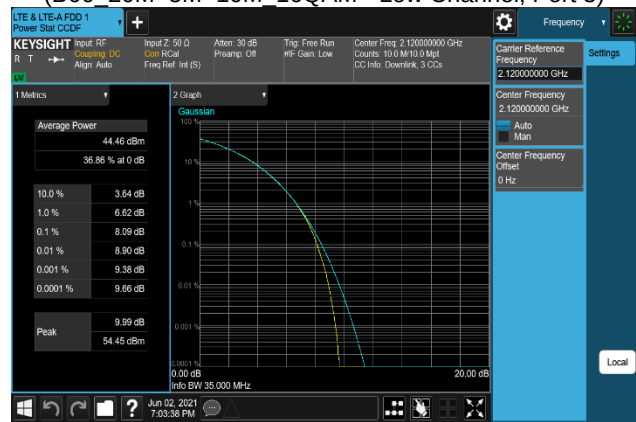
Plot 7-433. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



Plot 7-434. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)



Plot 7-435. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)



Plot 7-436. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)



Plot 7-437. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Middle Channel, Port 0)



Plot 7-438. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Middle Channel, Port 0)

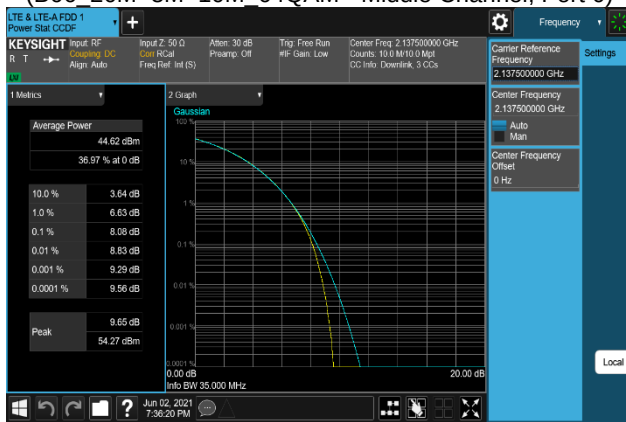
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 105 of 515



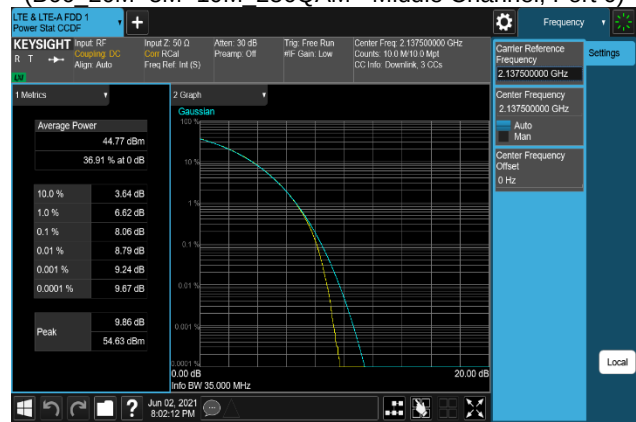
Plot 7-439. Peak To Average Power Radio Plot



Plot 7-440. Peak To Average Power Radio Plot



Plot 7-441. Peak To Average Power Radio Plot



Plot 7-442. Peak To Average Power Radio Plot

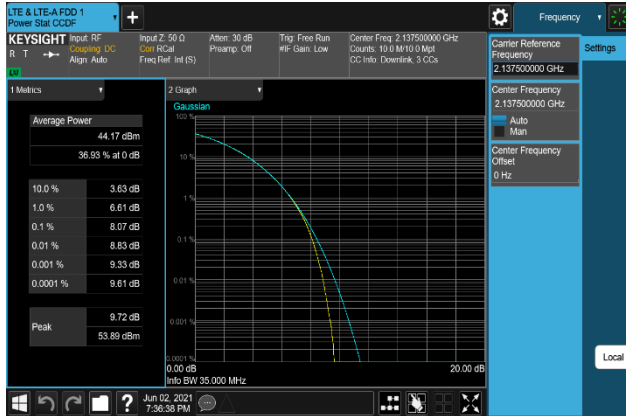


Plot 7-443. Peak To Average Power Radio Plot



Plot 7-444. Peak To Average Power Radio Plot

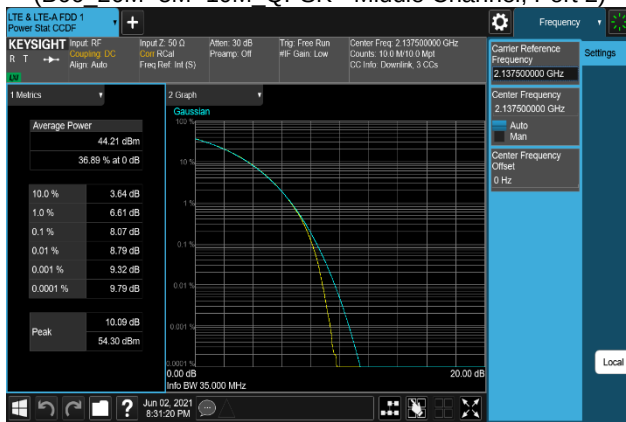
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 106 of 515



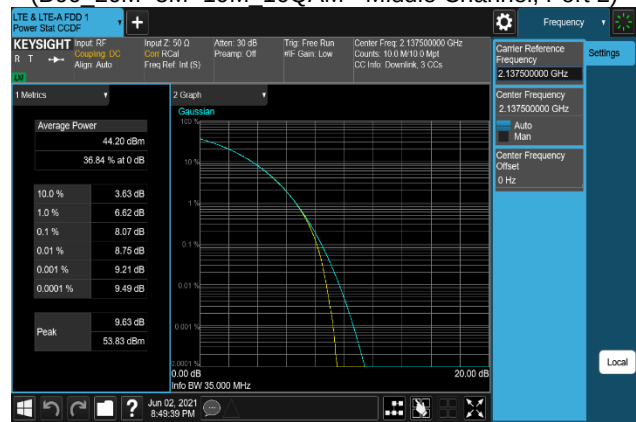
Plot 7-445. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Middle Channel, Port 2)



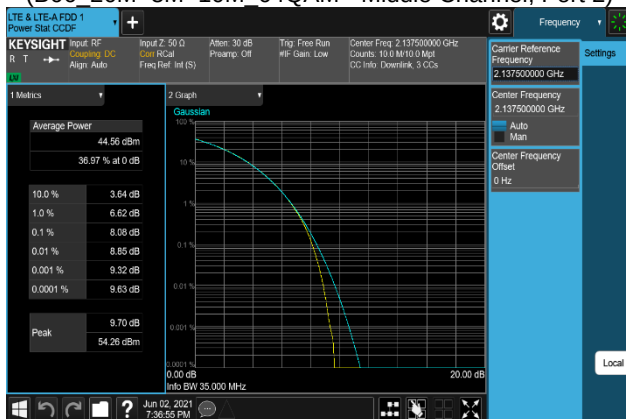
Plot 7-446. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Middle Channel, Port 2)



Plot 7-447. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - Middle Channel, Port 2)



Plot 7-448. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - Middle Channel, Port 2)

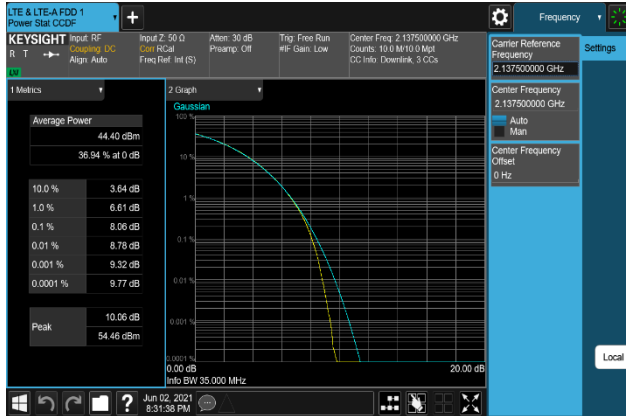


Plot 7-449. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - Middle Channel, Port 3)



Plot 7-450. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - Middle Channel, Port 3)

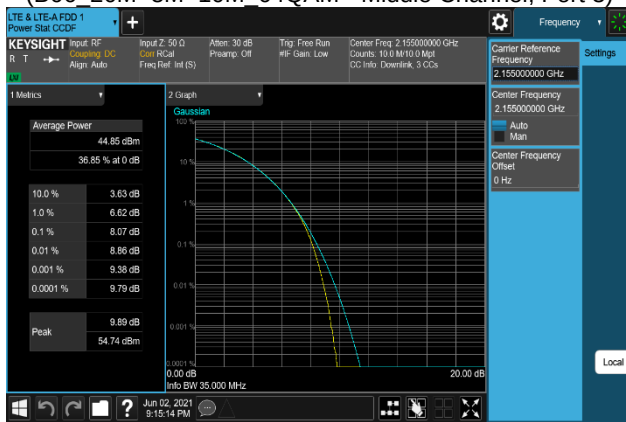
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 107 of 515



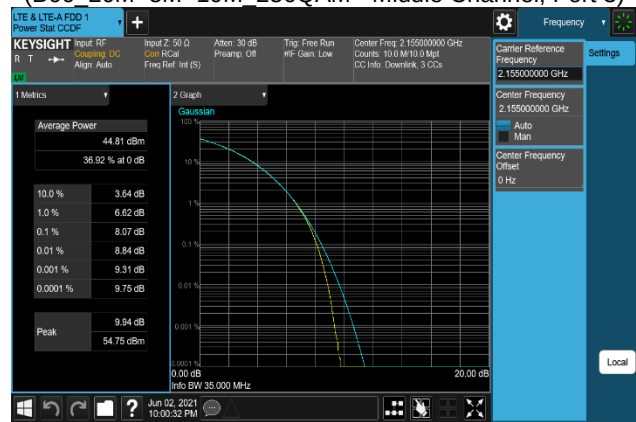
Plot 7-451. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - Middle Channel, Port 3)



Plot 7-452. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - Middle Channel, Port 3)



Plot 7-453. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - High Channel, Port 0)



Plot 7-454. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - High Channel, Port 0)

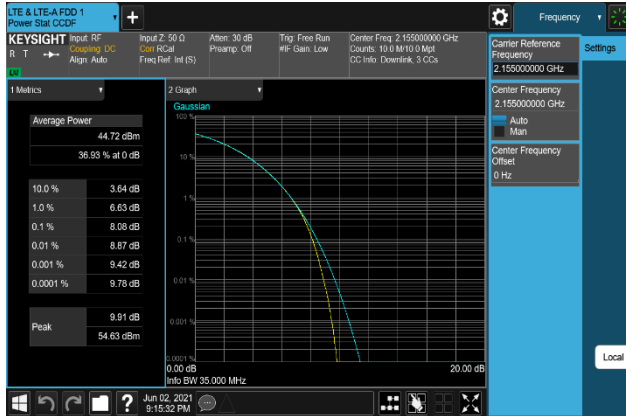


Plot 7-455. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - High Channel, Port 0)



Plot 7-456. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - High Channel, Port 0)

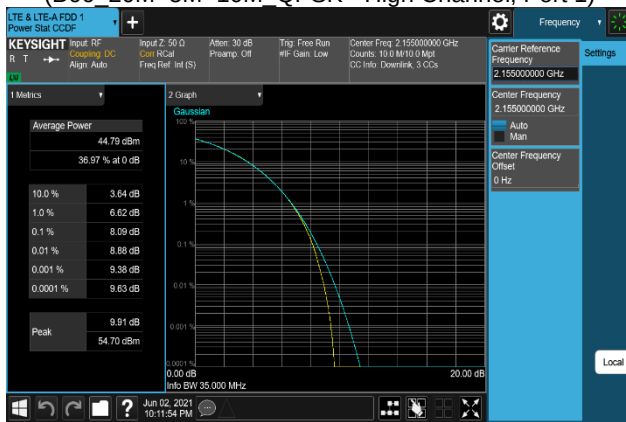
FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 108 of 515



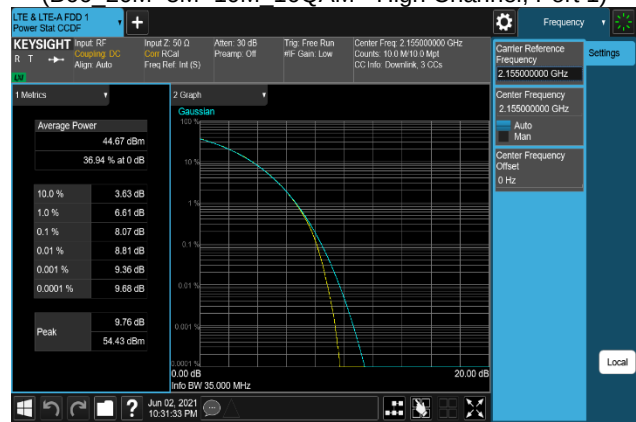
Plot 7-457. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - High Channel, Port 1)



Plot 7-458. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - High Channel, Port 1)



Plot 7-459. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - High Channel, Port 1)



Plot 7-460. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - High Channel, Port 1)

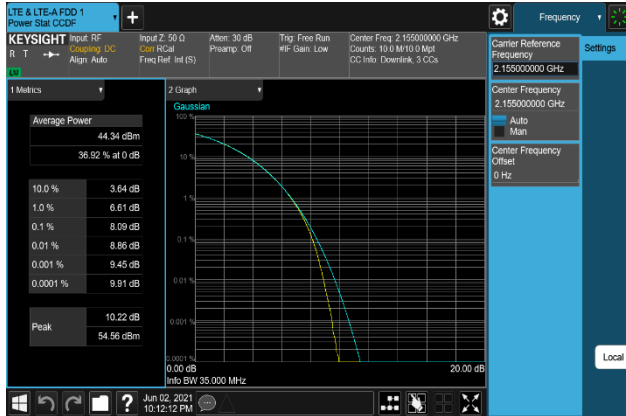


Plot 7-461. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - High Channel, Port 2)



Plot 7-462. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - High Channel, Port 2)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: BK21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 109 of 515



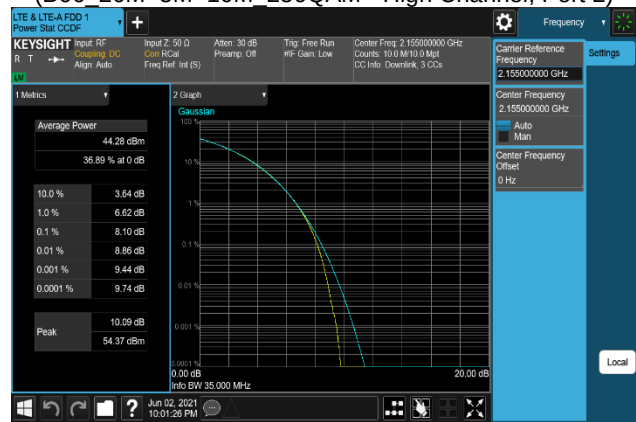
Plot 7-463. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - High Channel, Port 2)



Plot 7-464. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - High Channel, Port 2)



Plot 7-465. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_QPSK - High Channel, Port 3)



Plot 7-466. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_16QAM - High Channel, Port 3)



Plot 7-467. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_64QAM - High Channel, Port 3)



Plot 7-468. Peak To Average Power Ratio Plot
(B66_20M+5M+10M_256QAM - High Channel, Port 3)

FCC ID: A3LRF4402D-D1A	PCTEST ENGINEERING LABORATORY, INC.	MEASUREMENT REPORT (Class II Permissive Change)	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 110 of 515

- B2_20M+5M_Contiguous

Channel	Port	PAPR (dB)				Limit (dB)
		QPSK	16QAM	64QAM	256QAM	
Low	0	8.21	8.24	8.24	8.23	< 13
	1	8.19	8.25	8.25	8.25	< 13
	2	8.20	8.24	8.24	8.22	< 13
	3	8.21	8.23	8.22	8.24	< 13
Middle	0	8.22	8.23	8.25	8.26	< 13
	1	8.22	8.23	8.24	8.25	< 13
	2	8.23	8.23	8.23	8.25	< 13
	3	8.23	8.23	8.23	8.25	< 13
High	0	8.23	8.23	8.25	8.21	< 13
	1	8.23	8.25	8.24	8.20	< 13
	2	8.23	8.22	8.24	8.21	< 13
	3	8.23	8.22	8.22	8.22	< 13

Table 7-28. Peak To Average Power Radio Summary Data (B2_20M+5M)

FCC ID: A3LRF4402D-D1A	 MEASUREMENT REPORT (Class II Permissive Change)			Approved by: Technical Manager
Test Report S/N: 8K21053101R1.A3L	Test Dates: 06/01/2021-06/15/2021	EUT Type: RRU(RF4402d)		Page 111 of 515