

EUmmWV4 - SN: 9481 February 23, 2022

10430 AAU LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28						
10415 AAA	10414	4 AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8 54	+96%
10416 AAA	10415	5 AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)			
10417 AAC	10416	S AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)			
10418 AAA	10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)		Paramore, Televis	
10419 AAA	10418	B AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)			
10422 AAC IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM 6 Mbps, 99pc, Short)			
10423 AAC	10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	200000000000		37 99174 9739
10424 AAC	10423	AAC			202.20	
10425 AAC IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	The second control of	7/35 1135	
10426 AAC	10425	AAC	IEEE 802.11n (HT Greenfield 15 Mbps, BPSK)			
10427 AAC IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	10426	AAC			774 274077777	110000000000000000000000000000000000000
10430 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28 ±9.6°	10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-OAM)			± 9.6 %
10431 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 ± 9.6°			LTE-FDD (OFDMA 5 MHz F-TM 3.1)			
10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6° 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6° 10435 AAF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, OPSK, UL Sub) LTE-FDD 7.58 ±9.6° 10447 AAD LTE-FDD (SC-FDMA, 1 RB, 20 MHz, OPSK, UL Sub) LTE-FDD 7.58 ±9.6° 10448 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.58 ±9.6° 10449 AAC LTE-FDD (OFDMA, 1 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 ±9.6° 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6° 10450 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 ±9.6° 10451 AAA W-CDMA (8S Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ±9.6° 10453 AAD Validation (Square, 10ms, 1ms) Test 10.00 ±9.6° 10453 AAD Validation (Square, 10ms, 1ms) Test 10.00 ±9.6° 10457 AAA UMTS-FDD (DC-HSDPA) WCDMA 8.63 ±9.6° 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 ±9.6° 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 6.55 ±9.6° 10460 AAA UMTS-FDD (WCDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 7.82 ±9.6° 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 7.82 ±9.6° 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 8.30 ±9.6° 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 8.30 ±9.6° 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10467 AAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G-QAM, UL Sub) LTE-TDD 8.32	0.0000000000000000000000000000000000000			1 1980 St		± 9.6 %
10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6° 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ±9.6° 10447 AAD LTE-FDD (OFDMA, 1 RB, 20 MHz, QPSK, UL Sub) LTE-FDD 7.62 ±9.6° 10447 AAD LTE-FDD (OFDMA, 1 RB, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ±9.6° 10449 AAC LTE-FDD (OFDMA, 1 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6° 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6° 10450 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ±9.6° 10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ±9.6° 10453 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ±9.6° 10453 AAD Validation (Square, 10ms, 1ms) Test 10.00 ±9.6° 10456 AAC EEEE 802.11ac WHF (160MHz, 64-QAM, 99pc dc) WLAN 8.63 ±9.6° 10458 AAA AUTS-FDD (DC-HSDPA) WCDMA 6.62 ±9.6° 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 ±9.6° 10459 AAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 8.20 ±9.6° 10460 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39 ±9.6° 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 8.30 ±9.6° 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, G-QAM, UL Sub) LTE-TDD 8.30 ±9.6° 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10467 AAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6° 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) LTE-TDD 8.32 ±9					continue to the	± 9.6 %
10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.50 ± 9.6°				A last return control of the second	6 923	± 9.6 %
10435 AAF		The second second			8.34	± 9.6 %
10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ± 9.6 % 10448 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 % 10450 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 % 10450 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.58 ± 9.6 % 10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ± 9.6 % 10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ± 9.6 % 10456 AAC LEEE 802.11ac WiFl (160MHz, 64-QAM, 99pc dc) WLAN 8.63 ± 9.6 % 10456 AAC LEEE 802.11ac WiFl (160MHz, 64-QAM, 99pc dc) WLAN 8.63 ± 9.6 % 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 ± 9.6 % 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 6.55 ± 9.6 % 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 6.55 ± 9.6 % 10459 AAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 7.82 ± 9.6 % 10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.30 ± 9.6 % 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.50 ± 9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.50 ± 9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.52 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.52 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.52 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.52 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPC, UL Sub) LTE-TDD 8.57 ± 9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPC, UL Sub) LTE-TDD 8.57 ± 9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPC, UL Sub) LTE-TDD 8.57 ± 9.6 % 10469	200000000000000000000000000000000000000				8.60	± 9.6 %
10448 AAD		20070000			7.82	± 9.6 %
10449			LTE-EDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10450 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.48 ±9.6 % 10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ±9.6 % 10456 AAC IEEE 802.11ac WiFi (160MHz, 64-QAM, 99c dc) WLAN 8.63 ±9.6 % 10457 AAA UMTS-FDD (DC-HSDPA) WCDMA 6.62 ±9.6 % 10457 AAA UMTS-FDD (DC-HSDPA) WCDMA 6.62 ±9.6 % 10458 AAC CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 ±9.6 % 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 ±9.6 % 10460 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39 ±9.6 % 10460 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39 ±9.6 % 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.82 ±9.6 % 10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.30 ±9.6 % 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Sub) LTE-TDD 8.56 ±9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Sub) LTE-TDD 7.82 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G4-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10472 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10473 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10473 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, G4-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10473 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10474 AAF LTE-TDD (SC-FDMA, 1 R	100 N	Control of the Contro	LTE-PDD (OFDMA, 10 MHz, E-1M 3.1, Glippin 44%)	LTE-FDD	7.53	± 9.6 %
10451 AAA W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) WCDMA 7.59 ±9.6 % 10458 AAD Validation (Square, 10ms, 1ms) Test 10.00 ±9.6 % 10456 AAC IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc) WLAN 8.63 ±9.6 % 10458 AAA UMTS-FDD (DC-HSDPA) WCDMA 6.62 ±9.6 % 10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 ±9.6 % 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 ±9.6 % 10450 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39 ±9.6 % 10460 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39 ±9.6 % 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Sub) LTE-TDD 7.82 ±9.6 % 10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.30 ±9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Sub) LTE-TDD 8.56 ±9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.56 ±9.6 % 10471 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub) LTE-TDD 8.56 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub) LTE-TDD 8.59 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz,	200000000000000000000000000000000000000		LTE-FDD (OFDMA, 15 MHz, E-1M 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10453 AAD Validation (Square, 10ms, 1ms) Test 10.00 ±9.6 %		-	W CDMA (PG T and Mark to T T T T T T T T T T T T T T T T T T	LTE-FDD	7.48	± 9.6 %
10456 AAC			W-CDIMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10457 AAA	7 - 00 - 00 - 000	2000000		Test	10.00	± 9.6 %
10458 AAA CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 6.55 ± 9.6 % 10459 AAA CDMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 ± 9.6 % 10460 AAA UMTS-FDD (WCDMA, AMR) WCDMA 2.39 ± 9.6 % 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Sub) LTE-TDD 8.30 ± 9.6 % 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Sub) LTE-TDD 8.56 ± 9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Sub) LTE-TDD 8.32 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10467 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.32 ± 9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.32 ± 9.6 % 10470 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Sub) LTE-TDD 8.56 ± 9.6 % 10471 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub) LTE-TDD 8.56 ± 9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10478 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GPSK, UL Sub) LTE-TDD 8.57 ± 9.6 % 10478 AAE LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10478 AAE LTE-TDD (SC-FDMA, 50% RB		12 920		WLAN	8.63	± 9.6 %
10459 AAA CIMA2000 (1xEV-DO, Rev. B, 3 carriers) CDMA2000 8.25 ± 9.6 %				WCDMA	6.62	± 9.6 %
10460 AAA UMTS-FDD (WCDMA, AMR) USUMA 2.39 ±9.6 % 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.82 ±9.6 % 10462 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.30 ±9.6 % 10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.56 ±9.6 % 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD 8.56 ±9.6 % 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10470 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.56 ±9.6 % 10471 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10472 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10478 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10478 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) LTE-TDD 8.57 ±9.6 % 10484 AAE LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45 ±9.6 % 10484	1 (17) (A) (A) (17) (A)			CDMA2000	6.55	± 9.6 %
10460 AAA UMIS-PID (WCDMA, AMR) WCDMA 2.39 ±9.6 %	The support and conv	0.0000000		CDMA2000	8.25	± 9.6 %
10461 AAB	0.000			WCDMA	2.39	± 9.6 %
10462 AAB		100100000000000000000000000000000000000	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10463 AAB			LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	
10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ± 9.6 % 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10467 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ± 9.6 % 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.52 ± 9.6 % 10470 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) LTE-TDD 7.82 ± 9.6 % 10471 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10472 AAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-TDD 8.32 ± 9.6 % 10474 AAE	of a ballion of the same	The second second	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD		
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10475 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) LTE-TDD 8.32 ± 9.6 % 10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10479 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0PSK, UL Sub) LTE-TDD 7.74 ± 9.6 % 10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.18 ± 9.6 % 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486	10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	Total Control of the	10000000000	
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10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) LTE-TDD 8.57 ± 9.6 % 10479 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.74 ± 9.6 % 10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.18 ± 9.6 % 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.30 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.80 ± 9.6 %			LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	1025-25-yran 200-59-55-5		
10479 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) LTE-TDD 7.74 ± 9.6 % 10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.18 ± 9.6 % 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.80 ± 9.6 %	10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)			12 Table - 2 Contraction
10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) LTE-TDD 8.18 ± 9.6 % 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.60 ± 9.6 %	10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)		10 11 V 19 10 C	
10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.60 ± 9.6 %	10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	The commencer was great to	1 255 F 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) LTE-TDD 7.71 ±9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ±9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ±9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ±9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ±9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.60 ±9.6 %		AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)			
10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.60 ± 9.6 %	10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	10000 220 C		
10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.60 ± 9.6 %	10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)			007011002-00
10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.60 ± 9.6 %	10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz. 64-QAM, UL Sub)		50.000000	
10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) LTE-TDD 8.38 ±9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTE-TDD 8.6 % 4.9 6	10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz. QPSK, UL Sub)	AN 1970 CO. 10 (1970)		
10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) LTF-TDD 8.60 + 9.6 %	10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-OAM LIL Sub)	TOWN STREET, S		
10488 AAE LIETDD (CC FDMA 50% PB 404M) LIE-IDD 8.60 ± 9.6 %	10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)		2011/00/00	
10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) LTE-TDD 7.70 ± 9.6 %	10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)			120

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10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	111100000000000000000000000000000000000
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	1973W257	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	7.67	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)		8.68	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	7.67	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	8.52	± 9.6 %
10504		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	7.72	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	8.54	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	7.74	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, 0L Sub)	LTE-TDD	8.55	± 9.6 %
10510	AAE	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
W 1000 CO	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN		± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.65	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.55	± 9.6 %
		, , , , , , , , , , , , , , , , , , , ,	WLAN	8.35	± 9.6 %

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10547	7 AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	3 AAC		WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.39	
1 0551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	100000000	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.50	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.42	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.48	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.47	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.50	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)		8.52	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.61	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.73	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.56	± 9.6 %
10563		IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.69	± 9.6 %
10564	-	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.77	± 9.6 %
10565	_	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10566	AAA	IEEE 802.11g WII 12.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10569	200000000000	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	Try coons and	10.77510110000
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.63	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.79	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.64	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)		8.74	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.71	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)		8.50	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.88	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.82	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	8.94	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	9.03	± 9.6 %
712		(*** *********************************	WLAN	8.76	± 9.6 %

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					(5) (2) ((((((((((((((((((((((((((((((((
10605		(Time e a sope de)	WLAN	8.97	± 9.6 %
10606		IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607		IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608		IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609		IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610		IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611		IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	in the designation	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	/ 1000000000	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614		IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615		IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616		IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	100000000000000000000000000000000000000	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618		IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619		IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	The same and the same of	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624		IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

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10673	B AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN		
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.73	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.78	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.89	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.80	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.62	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)		8.83	± 9.6 %
10684		IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10685	100000000000000000000000000000000000000	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.26	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.33	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.28	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.45	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.29	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.55	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10692	AAC		WLAN	8.25	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10694		IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	AL TOTAL TERMS
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	7.500.0000	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.87	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.76	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.55	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.70	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.74	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.72	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)		8.66	± 9.6 %
		, , , , , , , , , , , , , , , , , , , ,	WLAN	8.65	± 9.6 %

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10729	9 AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	+069/
10730) AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
1 0731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
1 0732	2 AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	B AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	100	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.40	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.25	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)		8.33	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.27	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.36	± 9.6 %
10739		IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10740		IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10741		IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10742	170000000000000000000000000000000000000	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.40	± 9.6 %
10743	1 2 2	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.43	± 9.6 %
10744	COCCUMENTAL PROPERTY.	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	8.94	± 9.6 %
10745			WLAN	9.16	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10740	-	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	100000000000000000000000000000000000000
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN		± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.54	± 9.6 %
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.51	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	Carrier Street Control of the Control	7.99	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10778	AAD	5G NR (CP-OFDM 50% PR 20 MUS 0000 45 MM)	5G NR FR1 TDD	8.42	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10704	AAU	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)		8.44	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10790	100000000000000000000000000000000000000	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10791		5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10792		5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10793		5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10794		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10795		5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10796		5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10798	AAD		5G NR FR1 TDD	8.01	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10802		5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
38-00-07-187/2-	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	777-827 (GEAVELE)
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	C11200000000	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)		7.67	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.41	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)		8.34	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
RESEASES CONTROL TO THE	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
100 200 100 200 100	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
		,, 23 mm 2, Gr ON, 60 N 12)	5G NR FR1 TDD	8.41	± 9.6 %

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10861	I AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
1 0863	B AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	1555 00000
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	TAX
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7 50 COSA	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	CAPTER DOMESTIC CONTROL OF THE PARTY OF THE	8.41	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)		6.53	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	8.35	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 % ± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912		5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

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10923	3 AAB	The second secon	5G NR FR1 TDD	5.84	± 9.6 %
10924	4 AAB	() () () () () () () () () ()	5G NR FR1 TDD	5.84	± 9.6 %
10925	5 AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	6 AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927		5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	3 AAC		5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD		± 9.6 %
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)		5.90	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 13 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10958	AAA	5G NR DL (CR OFDM TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10968		5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10972	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	0.00000	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDRA	ULLA	7.02	± 9.6 %
	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



ANNEX B

DIPOLE CALIBRATION REPORTS



Calibration Laboratory of Schmid & Partner **Engineering AG** Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates Accreditation No.: SCS 0108

Object	D2450V2 - SN:71	5	
Calibration procedure(s)	QA CAL-05.v11 Calibration Proce	dure for SAR Validation Sources	between 0.7-3 GHz
Calibration date:	December 09, 20	21	
		onal standards, which realize the physical uni robability are given on the following pages an	
All calibrations have been conduct	ed in the closed laborator	y facility: environment temperature (22 ± 3)°C	C and humidity < 70%.
Calibration Equipment used (M&T)	= critical for calibration)		
	1	Cal Date (Certificate No.)	Scheduled Calibration
Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Primary Standards Power meter NRP	1	09-Apr-21 (No. 217-03291/03292)	Apr-22
Primary Standards Power meter NRP Power sensor NRP-Z91	ID# SN: 104778 SN: 103244	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291)	Apr-22 Apr-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91	ID# SN: 104778 SN: 103244 SN: 103245	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292)	Apr-22 Apr-22 Apr-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k)	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343)	Apr-22 Apr-22 Apr-22 Apr-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination	ID# SN: 104778 SN: 103244 SN: 103245	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343)	Apr-22 Apr-22 Apr-22 Apr-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601 ID #	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21) Check Date (in house)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22 Scheduled Check
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21) Check Date (in house)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22 Scheduled Check In house check: Oct-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A RF generator R&S SMT-06	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41092317 SN: 100972	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21) Check Date (in house)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22 Scheduled Check In house check: Oct-22 In house check: Oct-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A RF generator R&S SMT-06	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41092317	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21) Check Date (in house) 30-Oct-14 (in house check Oct-20) 07-Oct-15 (in house check Oct-20)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22 Scheduled Check In house check: Oct-22 In house check: Oct-22 In house check: Oct-22
Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477 Name	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21) Check Date (in house) 30-Oct-14 (in house check Oct-20) 07-Oct-15 (in house check Oct-20) 15-Jun-15 (in house check Oct-20)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22 Scheduled Check In house check: Oct-22
Calibration Equipment used (M&Ti Primary Standards Power meter NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Attenuator Type-N mismatch combination Reference Probe EX3DV4 DAE4 Secondary Standards Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Network Analyzer Agilent E8358A Calibrated by:	ID # SN: 104778 SN: 103244 SN: 103245 SN: BH9394 (20k) SN: 310982 / 06327 SN: 7349 SN: 601 ID # SN: GB39512475 SN: US37292783 SN: MY41092317 SN: 100972 SN: US41080477	09-Apr-21 (No. 217-03291/03292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03343) 09-Apr-21 (No. 217-03344) 28-Dec-20 (No. EX3-7349_Dec20) 01-Nov-21 (No. DAE4-601_Nov21) Check Date (in house) 30-Oct-14 (in house check Oct-20) 07-Oct-15 (in house check Oct-20) 15-Jun-15 (in house check Oct-20) 31-Mar-14 (in house check Oct-20)	Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Apr-22 Dec-21 Nov-22 Scheduled Check In house check: Oct-22

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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL

tissue simulating liquid

ConvF ser

sensitivity in TSL / NORM x,y,z not applicable or not measured

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- · SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters
The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.8 ± 6 %	1.85 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	and the last	

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.1 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	51.6 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.09 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.1 W/kg ± 16.5 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.7	1.95 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	52.2 ± 6 %	2.03 mho/m ± 6 %
Body TSL temperature change during test	< 0.5 °C	on the case on	

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	13.1 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	51.1 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.10 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	24.1 W/kg ± 16.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	$52.0 \Omega + 0.7 j\Omega$
Return Loss	- 33.5 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	$48.7~\Omega + 3.5~j\Omega$	
Return Loss	- 28.6 dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.157 ns
----------------------------------	----------

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

1990 No. 1995	
Manufactured by	SPEAG

Certificate No: D2450V2-715_Dec21

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DASY5 Validation Report for Head TSL

Date: 03.12.2021

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:715

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; σ = 1.85 S/m; ϵ_r = 38.8; ρ = 1000 kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 28.12.2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 01.11.2021
- Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 115.5 V/m; Power Drift = -0.02 dB

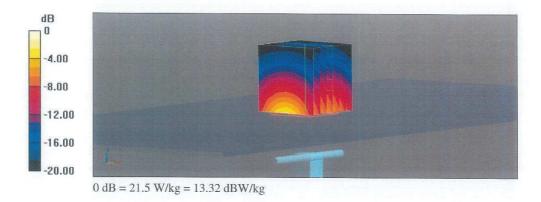
Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.09 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51%

Maximum value of SAR (measured) = 21.5 W/kg

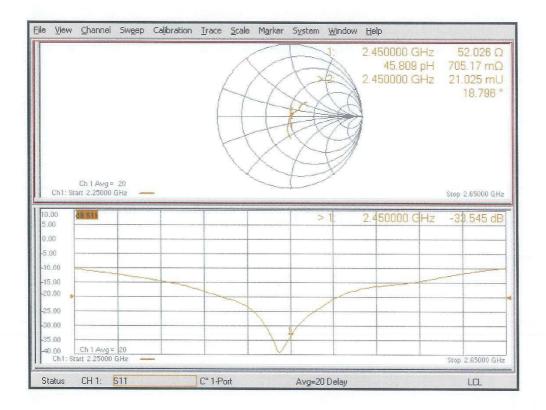


Certificate No: D2450V2-715_Dec21

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Impedance Measurement Plot for Head TSL

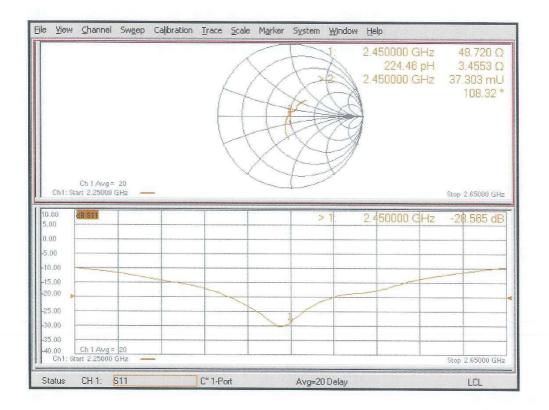


Certificate No: D2450V2-715_Dec21

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Impedance Measurement Plot for Body TSL



Certificate No: D2450V2-715_Dec21

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Accreditation No.: SCS 0108

Client

TÜV SÜD UK

Certificate No: D5GHzV2-1291_Jun22

CALIBRATION C	ERTIFICATE			
Dbject	D5GHzV2 - SN:1	291		
Calibration procedure(s)	QA CAL-22.v6 Calibration Proce	edure for SAR Validation Source	s between 3-10 GHz	
Calibration date:	June 24, 2022			
he measurements and the uncert	ainties with confidence p	ional standards, which realize the physical uprobability are given on the following pages a ry facility: environment temperature (22 \pm 3)	and are part of the certificate.	
rimary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration	
ower meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23	
ower sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23	
ower sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23	
eference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23	
ype-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23	
eference Probe EX3DV4	SN: 3503	08-Mar-22 (No. EX3-3503_Mar22)	Mar-23	
AE4	SN: 601	02-May-22 (No. DAE4-601_May22)	May-23	
econdary Standards	ID#	Check Date (in house)	Scheduled Check	
	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22	
ower meter E4419B	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22	
ower sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-20)	In house check: Oct-22	
ower sensor HP 8481A ower sensor HP 8481A F generator R&S SMT-06	SN: MY41093315 SN: 100972		In house check: Oct-22 In house check: Oct-22	
ower sensor HP 8481A ower sensor HP 8481A F generator R&S SMT-06		07-Oct-15 (in house check Oct-20)		
ower sensor HP 8481A ower sensor HP 8481A F generator R&S SMT-06	SN: 100972	07-Oct-15 (in house check Oct-20) 15-Jun-15 (in house check Oct-20)	In house check: Oct-22	
ower sensor HP 8481A ower sensor HP 8481A IF generator R&S SMT-06 letwork Analyzer Agilent E8358A	SN: 100972 SN: US41080477	07-Oct-15 (in house check Oct-20) 15-Jun-15 (in house check Oct-20) 31-Mar-14 (in house check Oct-20)	In house check: Oct-22 In house check: Oct-22	
Power meter E4419B Power sensor HP 8481A Power sensor HP 8481A RF generator R&S SMT-06 Retwork Analyzer Agilent E8358A Calibrated by:	SN: 100972 SN: US41080477 Name Jeffrey Katzman	07-Oct-15 (in house check Oct-20) 15-Jun-15 (in house check Oct-20) 31-Mar-14 (in house check Oct-20) Function Laboratory Technician	In house check: Oct-22 In house check: Oct-22	
ower sensor HP 8481A ower sensor HP 8481A IF generator R&S SMT-06 letwork Analyzer Agilent E8358A	SN: 100972 SN: US41080477	07-Oct-15 (in house check Oct-20) 15-Jun-15 (in house check Oct-20) 31-Mar-14 (in house check Oct-20) Function	In house check: Oct-22 In house check: Oct-22	

Certificate No: D5GHzV2-1291_Jun22

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Swiss Calibration Service

Accreditation No.: SCS 0108

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The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL

tissue simulating liquid

ConvF N/A sensitivity in TSL / NORM x,y,z not applicable or not measured

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Certificate No: D5GHzV2-1291_Jun22

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5200 MHz ± 1 MHz 5300 MHz ± 1 MHz 5500 MHz ± 1 MHz 5600 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5200 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	36.0	4.66 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.0 ± 6 %	4.47 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	and the second	

SAR result with Head TSL at 5200 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.69 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	76.3 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.22 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	21.9 W/kg ± 19.5 % (k=2)

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Head TSL parameters at 5300 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.76 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.8 ± 6 %	4.57 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	per per per per	Mark Street

SAR result with Head TSL at 5300 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.19 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.3 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.1 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5500 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.6	4.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.5 ± 6 %	4.77 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	and the section	production of the contract of

SAR result with Head TSL at 5500 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.38 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	83.2 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.38 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.6 W/kg ± 19.5 % (k=2)

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Head TSL parameters at 5600 MHz The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.4 ± 6 %	4.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	Simon	and soft for

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.24 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.7 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.3 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5800 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.3	5.27 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.1 ± 6 %	5.07 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	- Marine (M. 1941)	00 00 do 00

SAR result with Head TSL at 5800 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.09 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.2 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.29 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.6 W/kg ± 19.5 % (k=2)

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